

20		the second states and the second s	Second Second
		_ Proposed	
Created For:	Created By:	Micropile Foundation Pole	
Brad Carter	CTRC	▲ Direct Bury Pole	Propos
Diad Caller	CIRC	▲ Pole Top Work	Propos
Date:	2/15/2013	▲ Temporary Pole	🚧 Stringin
	ing this map with the	★ Proposed Guard Structure	I Staging
understanding that the	e map is not survey grade.	Proposed Anchor	🔀 Helicop

Sources: SDG&E; ESRI 2012 (Bing Aerial Maps, Microsoft Corporation 2012) • Proposed Sled and Block

- osed Trench
- sed Footpath
- osed Overland Travel
- ing Site
- ng Yard
- pter Landing Zone Turn Around Area

- Existing (To Be Replaced)
- Pole Top Work
- Steel Pole
- Remove From Service
- Top Above Communication
- Wood Pole
- Existing Access Road
- A = Anchors GS = Guard Structures

P = Power Line Poles D = Distribution Line Poles

T = Temporary Poles

R = Poles to be Removed

- SS = Stringing Sites

Tie-Line 637 Wood-To-Steel Project **Detailed Route Map** Appendix 3-B

(Sheet 1 of 50)





,			Pro	posed
	Created For:	Created By:		Micropile I
	Brad Carter	CTRC		Direct Bur
		CINC		Pole Top V
	Date: 2/15/2013			Temporary
	SDG&E is providing this map with the			Proposed
	understanding that the	e map is not survey grade.	0	Proposed /
S	ources: SDG&E ESRI 2012 (Bing	Aerial Maps, Microsoft Corporation 2012)	ightarrow	Proposed

- Foundation Pole
- ury Pole
- Work
- ry Pole
- **Guard Structure**
- Anchor
- Sled and Block

- Proposed Trench
- Proposed Footpath
- Proposed Overland Travel ____
- Stringing Site
- Staging Yard
- Helicopter Landing Zone
- Turn Around Area

Existing (To Be Replaced)

- Pole Top Work
- Steel Pole
- Remove From Service
- Top Above Communication
- Wood Pole
- Existing Access Road
- GS = Guard Structures
 - SS = Stringing Sites

P = Power Line Poles

T = Temporary Poles

A = Anchors

D = Distribution Line Poles

R = Poles to be Removed

Tie-Line 637 Wood-To-Steel Project **Detailed Route Map** Appendix 3-B

(Sheet 2 of 50)





Proposed

Created By:

CTRC

Date: 2/15/2013

SDG&E is providing this map with the understanding that the map is not survey grade.

Sources: SDG&E; ESRI 2012 (Bing Aerial Maps, Microsoft Corporation 2012)

- ▲ Micropile Foundation Pole
- ▲ Direct Bury Pole
- Pole Top Work
- ▲ Temporary Pole
- ★ Proposed Guard Structure
- Proposed Anchor
- Proposed Sled and Block

- Proposed Trench
- Proposed Footpath
- ----- Proposed Overland Travel
- Stringing Site
- Staging Yard

- Helicopter Landing Zone
- Turn Around Area

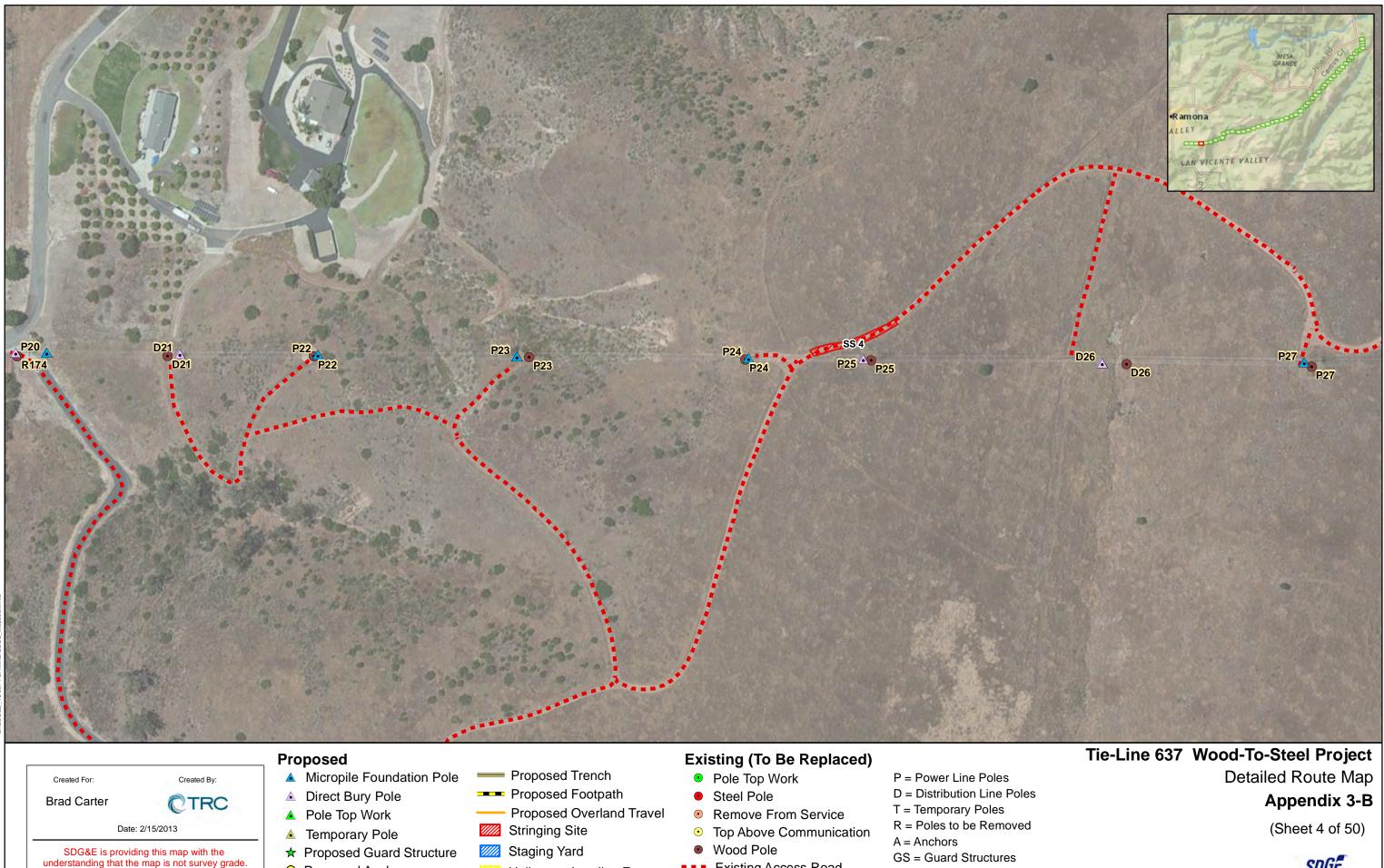
Existing (To Be Replaced)

- Pole Top Work
- Steel Pole
- Remove From Service
- Top Above Communication
- Wood Pole
- Existing Access Road
- P = Power Line Poles
- D = Distribution Line Poles
- T = Temporary Poles
- R = Poles to be Removed
- A = Anchors
- GS = Guard Structures
- SS = Stringing Sites
- Sites

Tie-Line 637 Wood-To-Steel Project Detailed Route Map Appendix 3-B

(Sheet 3 of 50)





Sources: SDG&E; ESRI 2012 (Bing Aerial Maps, Microsoft Corporation 2012)

- Proposed Anchor
- Proposed Sled and Block

- Helicopter Landing Zone Turn Around Area

- Existing Access Road

- SS = Stringing Sites

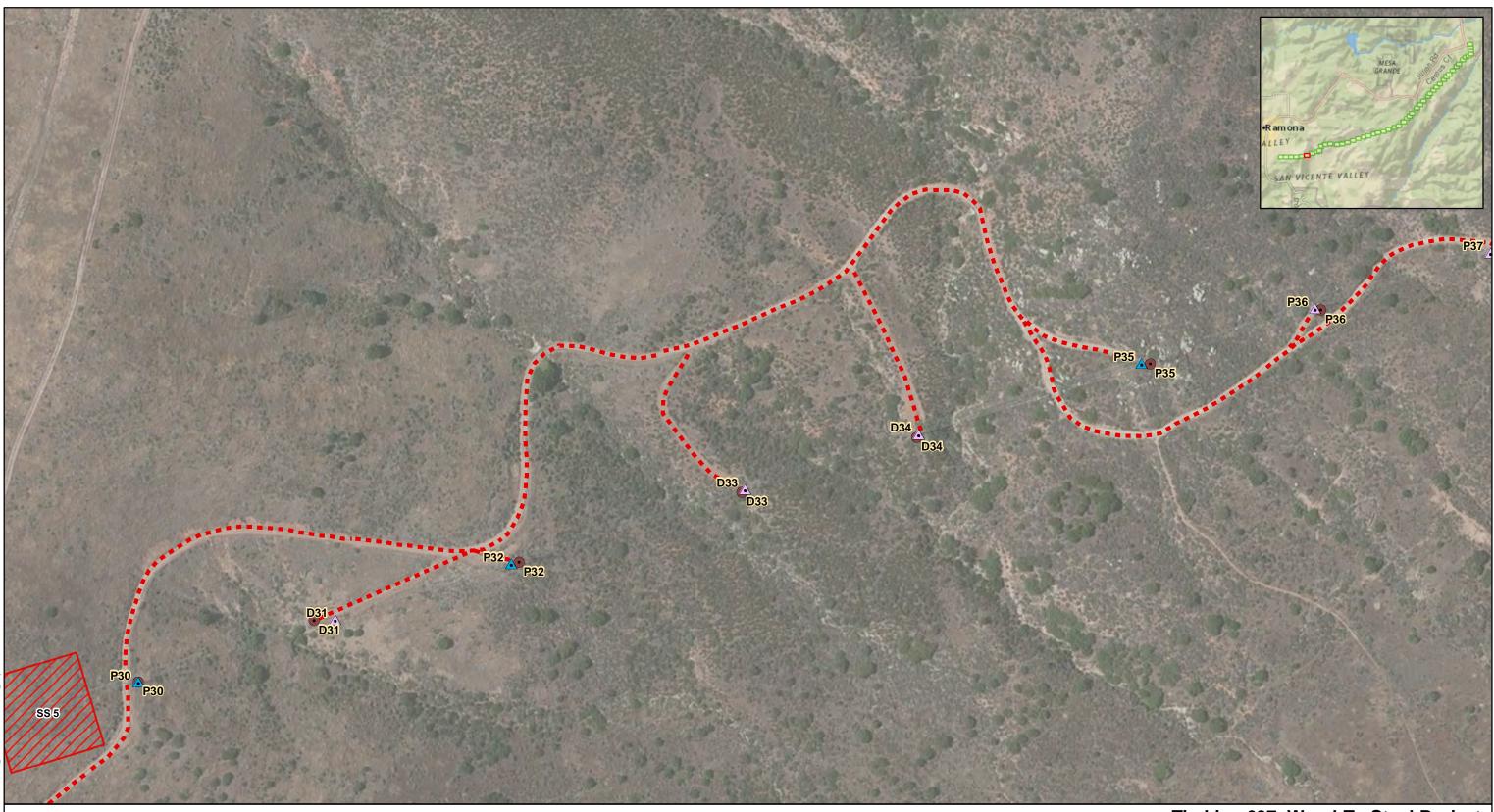
SDGF Sempra Energy utility



		Proposed		Existing (To Be Replaced)	
Created For:	Created By:	Micropile Foundation Pole	Proposed Trench	Pole Top Work	P = Power Line Poles
Brad Carter	CTRC	▲ Direct Bury Pole	Proposed Footpath	Steel Pole	D = Distribution Line Poles
	CINC	🔺 Pole Top Work	Proposed Overland Travel	Remove From Service	T = Temporary Poles
Date	:: 2/15/2013	Temporary Pole	Stringing Site	• Top Above Communication	R = Poles to be Removed
	ling this map with the	★ Proposed Guard Structure	Staging Yard	Wood Pole	A = Anchors GS = Guard Structures
understanding that the	e map is not survey grade.	Proposed Anchor	🔤 Helicopter Landing Zone	Existing Access Road	SS = Stringing Sites
Sources: SDG&E ESRI 2012 (Bing	g Aerial Maps, Microsoft Corporation 2012)	Proposed Sled and Block	Turn Around Area		0

(Sheet 5 of 50)





		Proposed		Existing (To Be F
Created For: Brad Carter		Micropile Foundation PoleDirect Bury Pole	Proposed Trench Proposed Footpath	Pole Top WorkSteel Pole
Date	: 2/15/2013	 Pole Top Work Temporary Pole 	Proposed Overland Travel Stringing Site	Remove From STop Above Com
	ing this map with the e map is not survey grade.	 Proposed Guard Structure Proposed Anchor 	Staging Yard	 Wood Pole Existing Access
rces: SDG&E ESRI 2012 (Bing	Aerial Maps, Microsoft Corporation 2012)	Proposed Sled and Block	Turn Around Area	

- Replaced)
- Service
- mmunication
- ess Road
- P = Power Line Poles
- D = Distribution Line Poles
- T = Temporary Poles
- R = Poles to be Removed
- A = Anchors
 - GS = Guard Structures
 - SS = Stringing Sites

(Sheet 6 of 50)



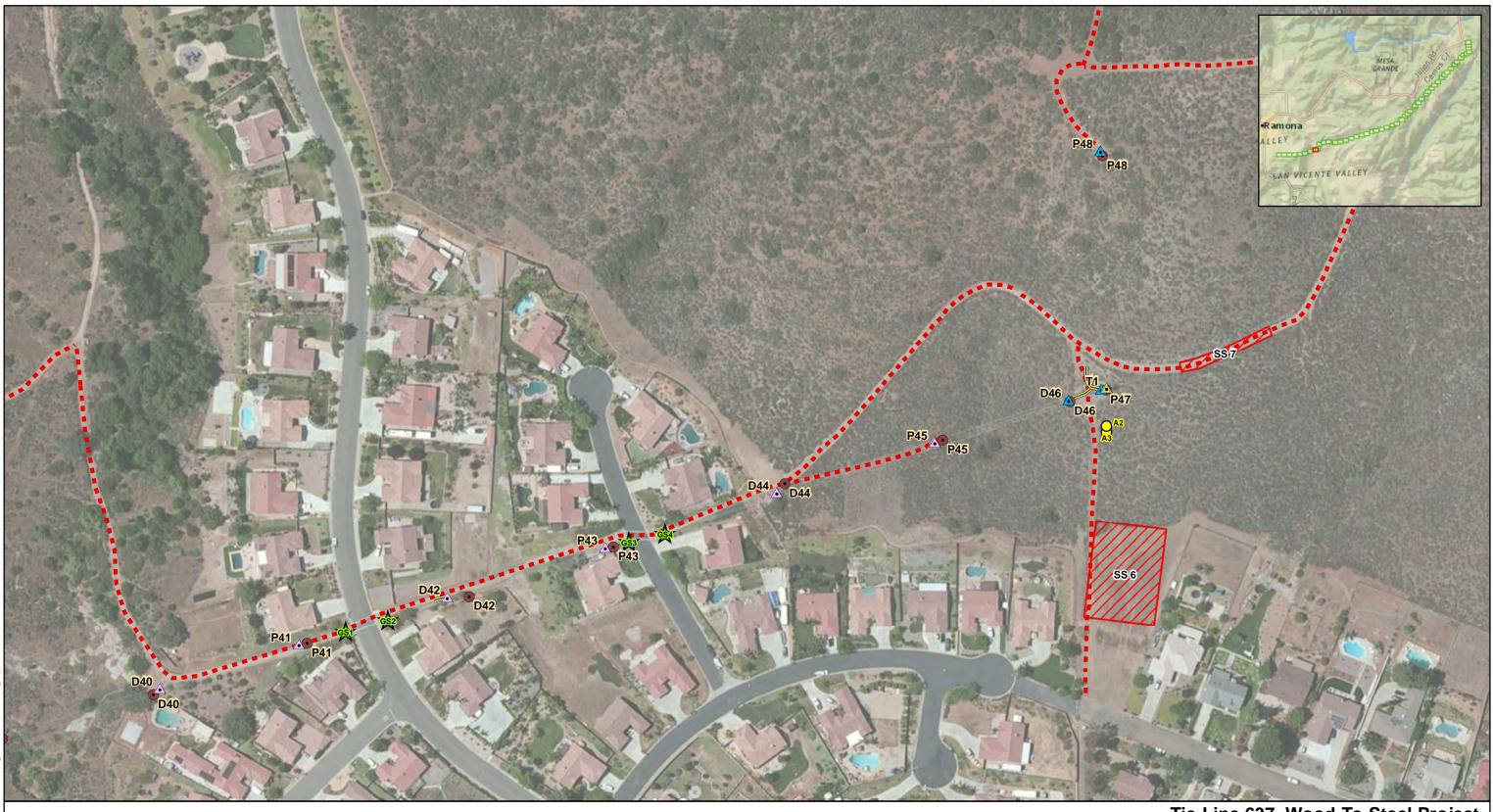


			Proposed		Existing (To Be Replaced)
	Created For: Brad Carter	Created By:	 Micropile Foundation Pole Direct Bury Pole 	 Proposed Trench Proposed Footpath 	Pole Top WorkSteel Pole
		: 2/15/2013	 Pole Top Work Temporary Pole 	Proposed Overland Travel	 Remove From Service Top Above Communication
	SDG&E is provid understanding that the	ing this map with the e map is not survey grade.	 Proposed Guard Structure Proposed Anchor 	Staging Yard Elicopter Landing Zone	 Wood Pole Existing Access Road
s	Sources: SDG&E ESRI 2012 (Bing	Aerial Maps, Microsoft Corporation 201		Turn Around Area	

- P = Power Line Poles
- D = Distribution Line Poles
- T = Temporary Poles
- R = Poles to be Removed
 - A = Anchors
 - GS = Guard Structures
 - SS = Stringing Sites

(Sheet 7 of 50)





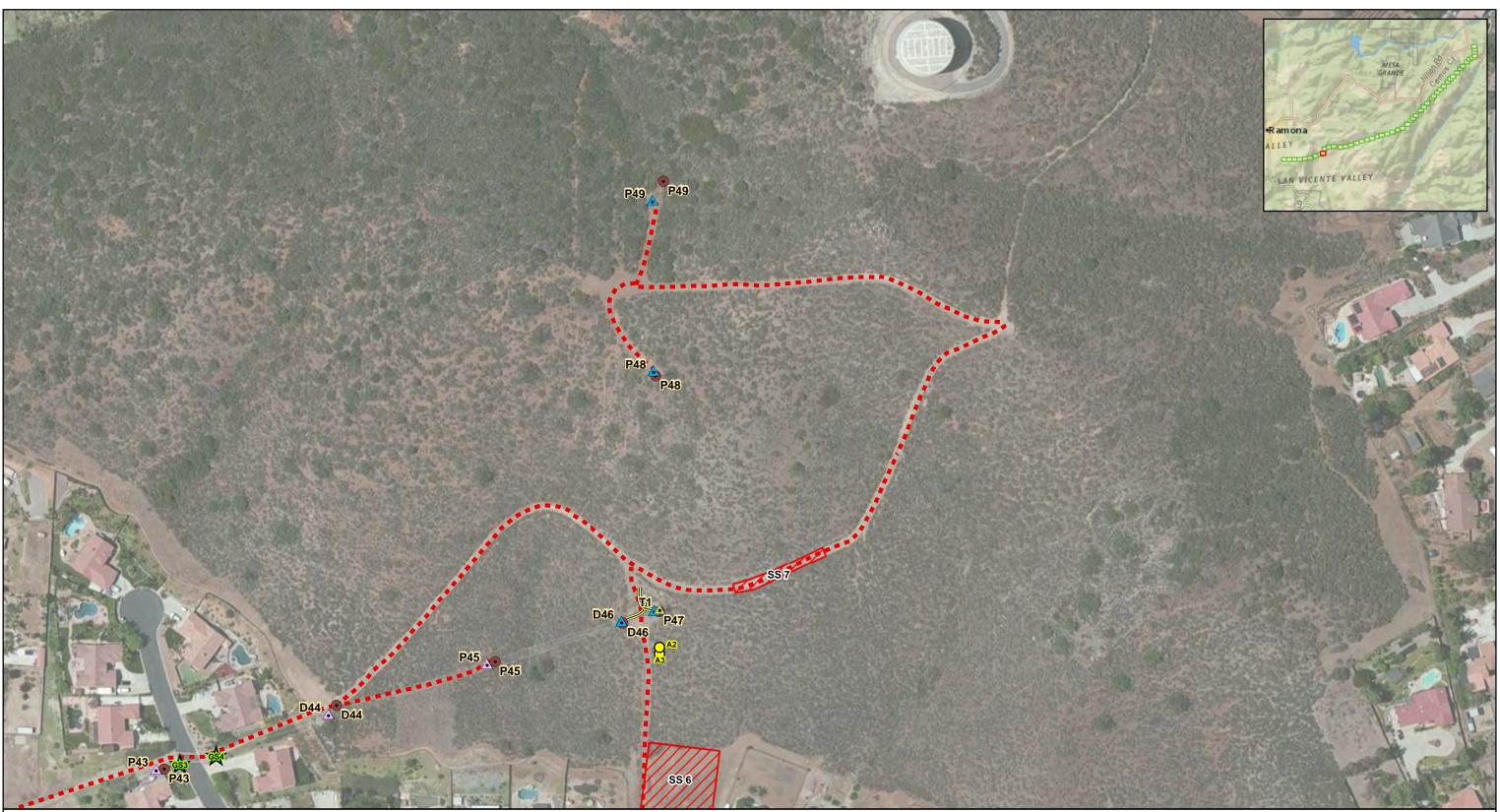
		Proposed		Existing (To Be Replaced)	
Created For: Brad Carter		 Micropile Foundation Pole Direct Bury Pole 	Proposed Trench Proposed Footpath	Pole Top WorkSteel Pole	P = Power Line Poles D = Distribution Line Poles
	2/15/2013	 Pole Top Work Temporary Pole 	Proposed Overland Travel	 Remove From Service Top Above Communication 	T = Temporary Poles R = Poles to be Removed
	ing this map with the e map is not survey grade.	 Proposed Guard Structure Proposed Anchor 	Staging Yard	 Wood Pole Existing Access Road 	A = Anchors GS = Guard Structures SS = Stringing Sites
es: SDG&E ESRI 2012 (Bing	Aerial Maps, Microsoft Corporation 2012)	Proposed Sled and Block	Turn Around Area		0

- ures

Tie-Line 637 Wood-To-Steel Project Detailed Route Map Appendix 3-B

(Sheet 8 of 50)





(Sheet 9 of 50)





G:\SDG&E_TL 637 PEA\MXD\SDGE_Mapbook.mxc			P50 •P50			
			Proposed		Existing (To Be Replaced)	
	Created For:	Created By:	Micropile Foundation Pole	Proposed Trench	Pole Top Work	P = Power Line Poles
	Brad Carter	CTRC	▲ Direct Bury Pole	Proposed Footpath	Steel Pole	D = Distribution Line Poles
		CINC	▲ Pole Top Work	Proposed Overland Travel	Remove From Service	T = Temporary Poles
	Date:	2/15/2013		Stringing Site	 Top Above Communication 	R = Poles to be Removed

SDG&E is providing this map with the understanding that the map is not survey grade.

Sources: SDG&E; ESRI 2012 (Bing Aerial Maps, Microsoft Corporation 2012)

- ▲ Temporary Pole ★ Proposed Guard Structure
- Proposed Anchor
- Proposed Sled and Block
- Stringing Site Staging Yard
- Helicopter Landing Zone Turn Around Area
- Top Above Communication
- Wood Pole
- Existing Access Road
- к A = Anchors

 - GS = Guard Structures SS = Stringing Sites

Tie-Line 637 Wood-To-Steel Project Detailed Route Map Appendix 3-B

(Sheet 10 of 50)





G:\SDG&E_TL 637 PEAIMXD\SDGE_Mapbook.mxd	P53 P53					
			Proposed		Existing (To Be Replaced)	
	Created For:	Created By:	Micropile Foundation Pole	Proposed Trench	Pole Top Work	P = Power Line Poles
	Brad Carter	CTRC	Direct Bury Pole	Proposed Footpath	Steel Pole	D = Distribution Line Poles
			A Pole Top Work	Proposed Overland Travel	 Remove From Service 	T = Temporary Poles R = Poles to be Removed
	Date: 2/	/15/2013	A Temporary Pole	Stringing Site	 Top Above Communication 	R = Poles to be Removed

Sources: SDG&E; ESRI 2012 (Bing Aerial Maps, Microsoft Corporation 2012)

- ▲ Temporary Pole
- ★ Proposed Guard Structure
- Proposed Anchor
- Proposed Sled and Block
- Stringing Site
- Staging Yard
- Helicopter Landing Zone Turn Around Area
- Top Above Communication
- Wood Pole
- Existing Access Road
- A = Anchors GS = Guard Structures
- SS = Stringing Sites

Tie-Line 637 Wood-To-Steel Project **Detailed Route Map** Appendix 3-B

(Sheet 11 of 50)





Proposed

- Micropile Foundation Pole
- ▲ Direct Bury Pole
- Pole Top Work
- ▲ Temporary Pole
- ★ Proposed Guard Structure
- Proposed Anchor
- Proposed Sled and Block

- Proposed Trench
- Proposed Footpath
- ----- Proposed Overland Travel
- Stringing Site

- Staging Yard
- Helicopter Landing Zone Turn Around Area

Existing (To Be Replaced)

- Pole Top Work
- Steel Pole
- Remove From Service
- Top Above Communication
- Wood Pole
- Existing Access Road
- P = Power Line Poles
- D = Distribution Line Poles
- T = Temporary Poles
- R = Poles to be Removed
- A = Anchors
- GS = Guard Structures
- SS = Stringing Sites

Tie-Line 637 Wood-To-Steel Project Detailed Route Map Appendix 3-B

(Sheet 12 of 50)





Created For:	Created By:		
Brad Carter	©TRC		
Date: 2/15/2013			
SDG&E is providing this map with the understanding that the map is not survey grade.			

Proposed

- ▲ Micropile Foundation Pole
- ▲ Direct Bury Pole
- ▲ Pole Top Work
- ▲ Temporary Pole
- ★ Proposed Guard Structure
- Proposed Anchor
- Proposed Sled and Block

- Proposed Trench
- Proposed Footpath
- ----- Proposed Overland Travel
- Stringing Site

- Staging Yard
- Helicopter Landing Zone Turn Around Area

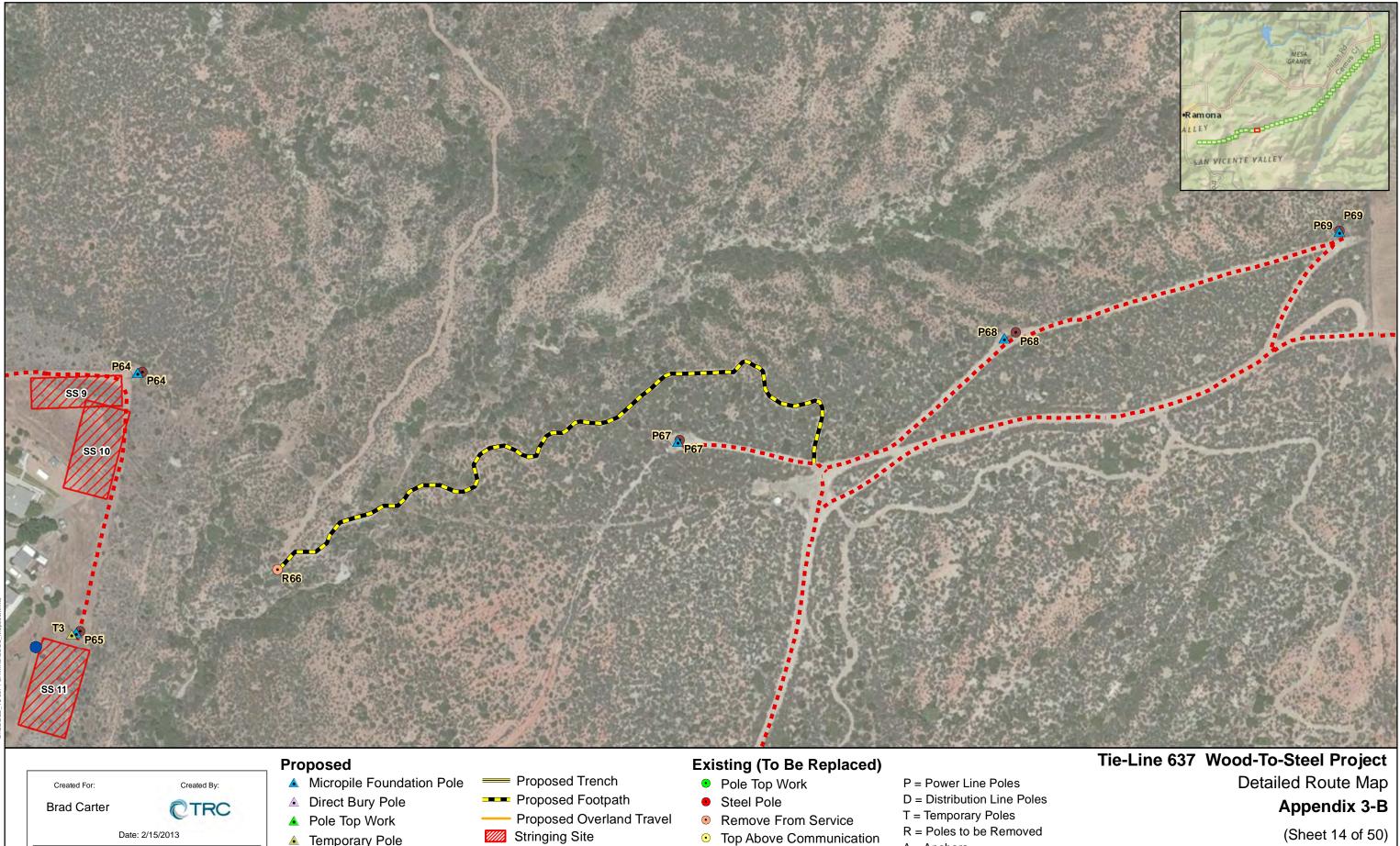
Existing (To Be Replaced)

- Pole Top Work
- Steel Pole
- Remove From Service
- Top Above Communication
- Wood Pole
- Existing Access Road
- P = Power Line Poles
- D = Distribution Line Poles
- T = Temporary Poles
- R = Poles to be Removed
- A = Anchors
- GS = Guard Structures
- SS = Stringing Sites

Tie-Line 637 Wood-To-Steel Project **Detailed Route Map** Appendix 3-B

(Sheet 13 of 50)





2	uld i		Start Barris
			Proposed
	Created For:	Created By:	Micropile Foundation Pole
	Brad Carter	©TRC	▲ Direct Bury Pole
	Diad Callor	CINC	▲ Pole Top Work
	Date:	2/15/2013	▲ Temporary Pole
		ng this map with the	★ Proposed Guard Structure
	understanding that the	map is not survey grade.	

Sources: SDG&E; ESRI 2012 (Bing Aerial Maps, Microsoft Corporation 2012)

- Proposed Anchor
- Proposed Sled and Block

- Staging Yard
- Helicopter Landing Zone
- Turn Around Area

- Wood Pole
- Existing Access Road

- A = Anchors
- GS = Guard Structures
- SS = Stringing Sites

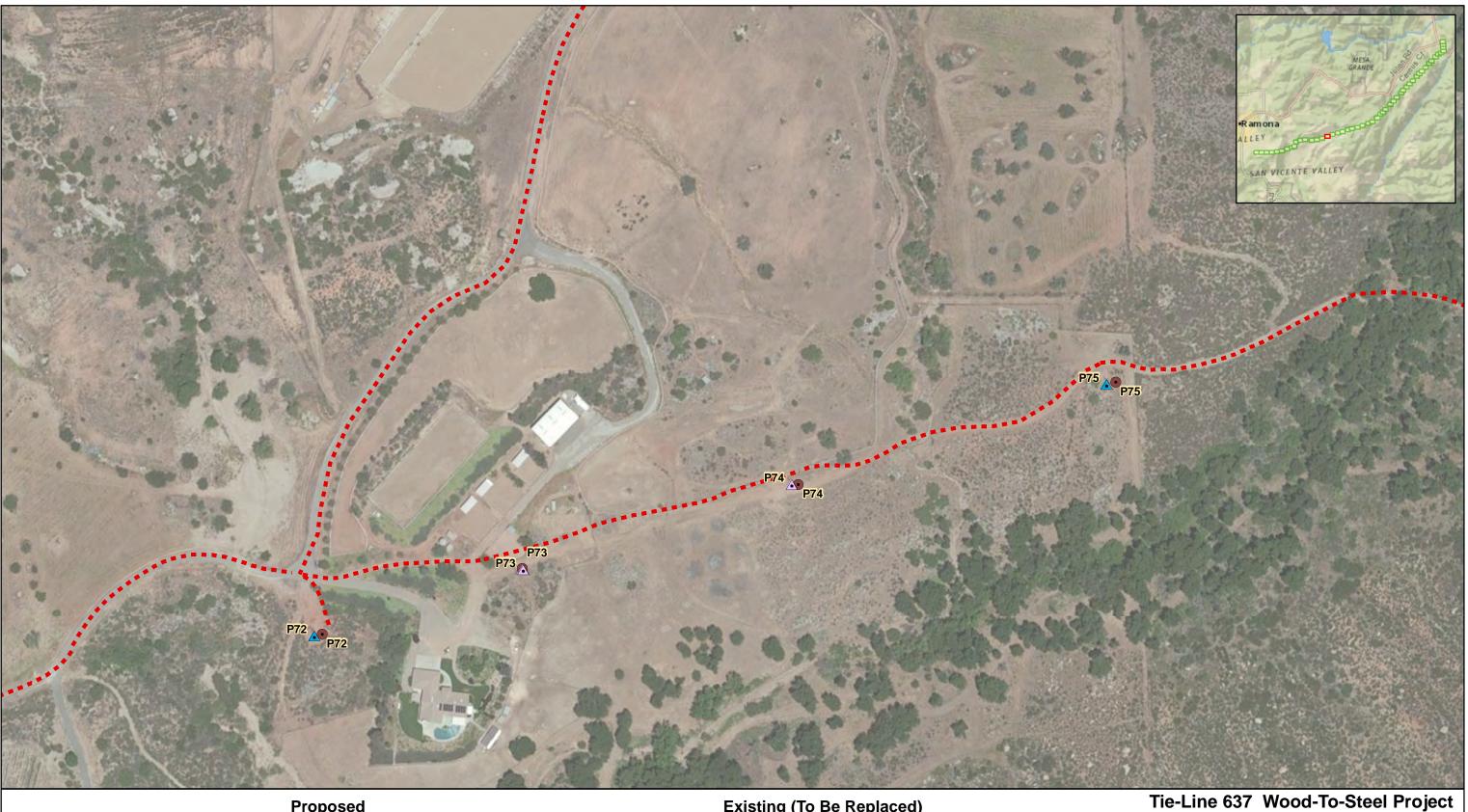




- P = Power Line Poles
- D = Distribution Line Poles
- T = Temporary Poles
- R = Poles to be Removed
 - A = Anchors
 - GS = Guard Structures SS = Stringing Sites

(Sheet 15 of 50)





			Proposed
	Created For:	Created By:	🔺 Micropile Found
	Brad Carter	©TRC	Direct Bury Pole
		CINC	Pole Top Work
	Date:	Temporary Pole	
		ng this map with the	★ Proposed Guard
	understanding that the	e map is not survey grade.	Proposed Ancho
S	ources: SDG&E ESRI 2012 (Bing	Aerial Maps, Microsoft Corporation 2012)	Proposed Sled a

- ndation Pole
- le
- е
- rd Structure
- nor
- and Block

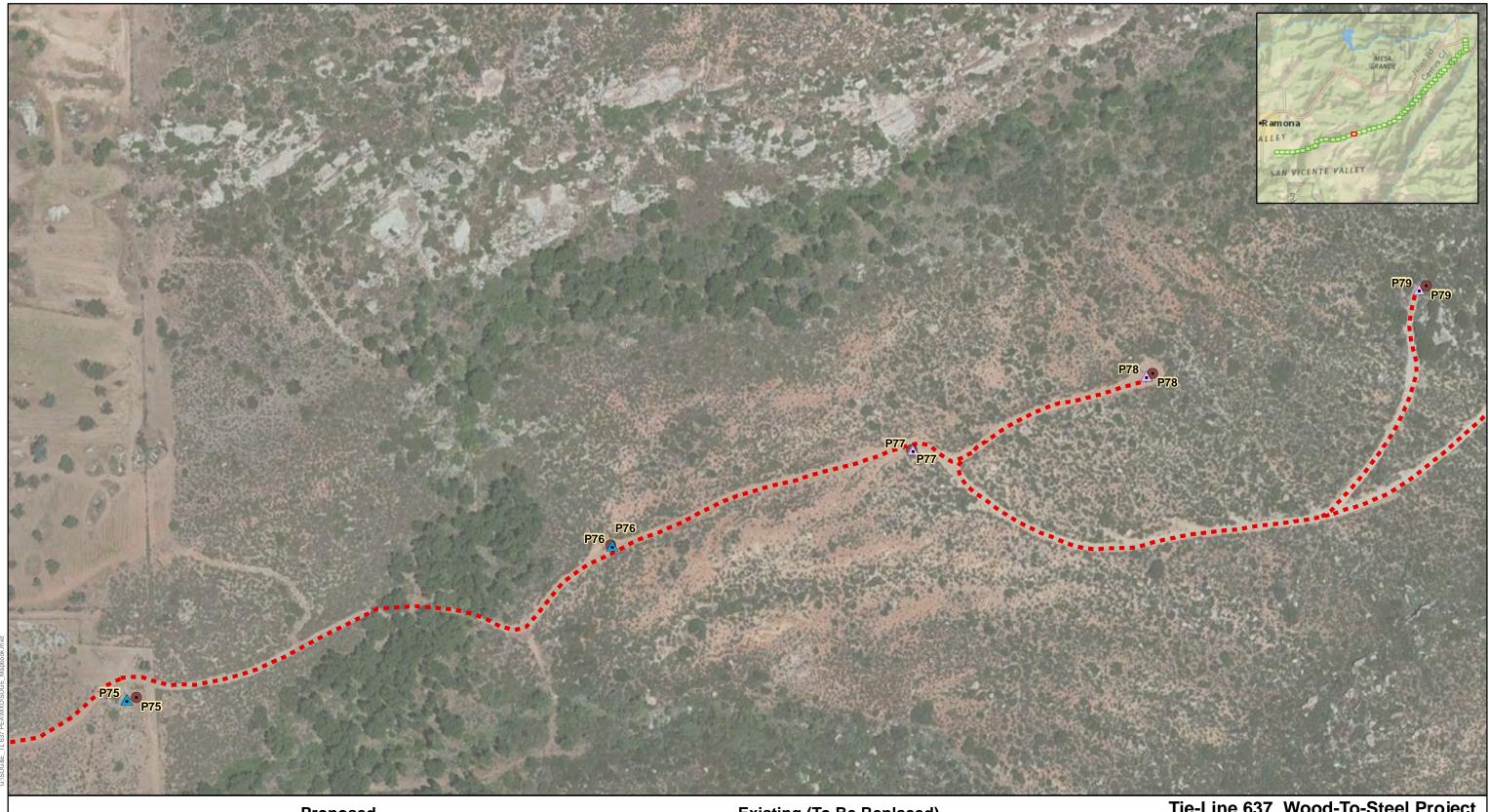
- Proposed Trench
- Proposed Footpath
- ----- Proposed Overland Travel
- Stringing Site
- Staging Yard
- Helicopter Landing Zone Turn Around Area

- Existing (To Be Replaced)
- Pole Top Work
- Steel Pole
- Remove From Service
- Top Above Communication
- Wood Pole
- Existing Access Road
- P = Power Line Poles
- D = Distribution Line Poles
- T = Temporary Poles
- R = Poles to be Removed
- A = Anchors
 - GS = Guard Structures
 - SS = Stringing Sites

Detailed Route Map Appendix 3-B

(Sheet 16 of 50)





		Proposed		Existing (To Be Replace
Created For:	Created By:	Micropile Foundation Pole	Proposed Trench	Pole Top Work
Brad Carter	CTRC	Direct Bury Pole	Proposed Footpath	Steel Pole
	CIRC	🔺 Pole Top Work	Proposed Overland Trave	el • Remove From Service
Date	e: 2/15/2013	Temporary Pole	Stringing Site	 Top Above Communication
	ding this map with the	★ Proposed Guard Structure	Staging Yard	Wood Pole
understanding that th	e map is not survey grade.	Proposed Anchor	Helicopter Landing Zone	Existing Access Road
ces: SDG&E ESRI 2012 (Bin	g Aerial Maps, Microsoft Corporation 2012)	Proposed Sled and Block	Turn Around Area	

Replaced)

- munication
- Road
- P = Power Line Poles
- D = Distribution Line Poles
- T = Temporary Poles
- R = Poles to be Removed A = Anchors

 - GS = Guard Structures
 - SS = Stringing Sites

Tie-Line 637 Wood-To-Steel Project Detailed Route Map Appendix 3-B

(Sheet 17 of 50)

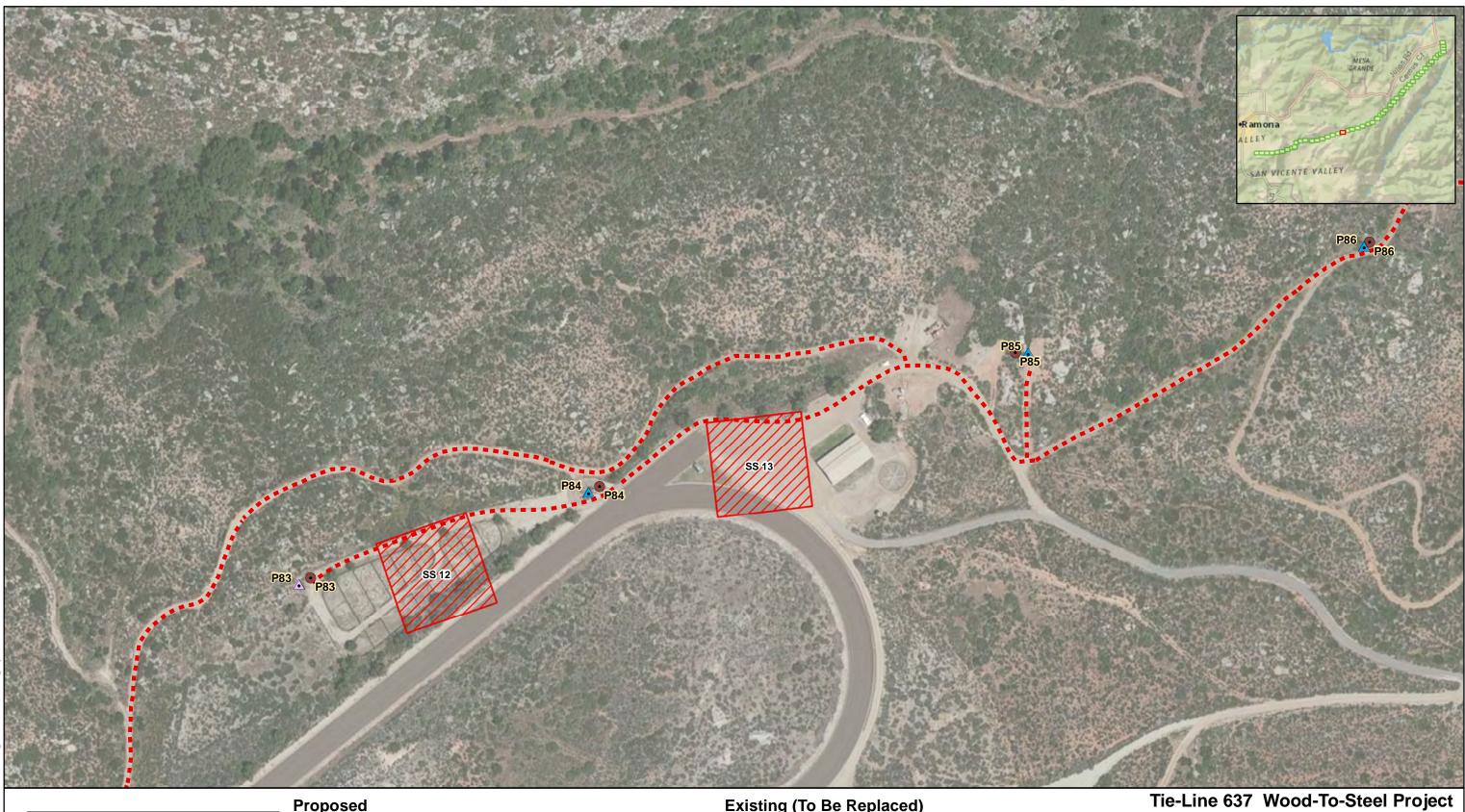




		Proposed		Existing (To Be Replaced)	
Created For: Brad Carter		 Micropile Foundation Pole Direct Bury Pole Pole Top Work 	 Proposed Trench Proposed Footpath Proposed Overland Travel 	 Pole Top Work Steel Pole Remove From Service 	P = Power Line Poles D = Distribution Line Poles T = Temporary Poles
Date	: 2/15/2013	 Temporary Pole 	Stringing Site	 Top Above Communication 	R = Poles to be Removed
SDG&E is provid	ing this map with the e map is not survey grade.	★ Proposed Guard Structure	Staging Yard	Wood Pole Evicting Access Dood	A = Anchors GS = Guard Structures
	Aerial Maps, Microsoft Corporation 2012)	Proposed AnchorProposed Sled and Block	Helicopter Landing Zone Turn Around Area	Existing Access Road	SS = Stringing Sites

(Sheet 18 of 50)

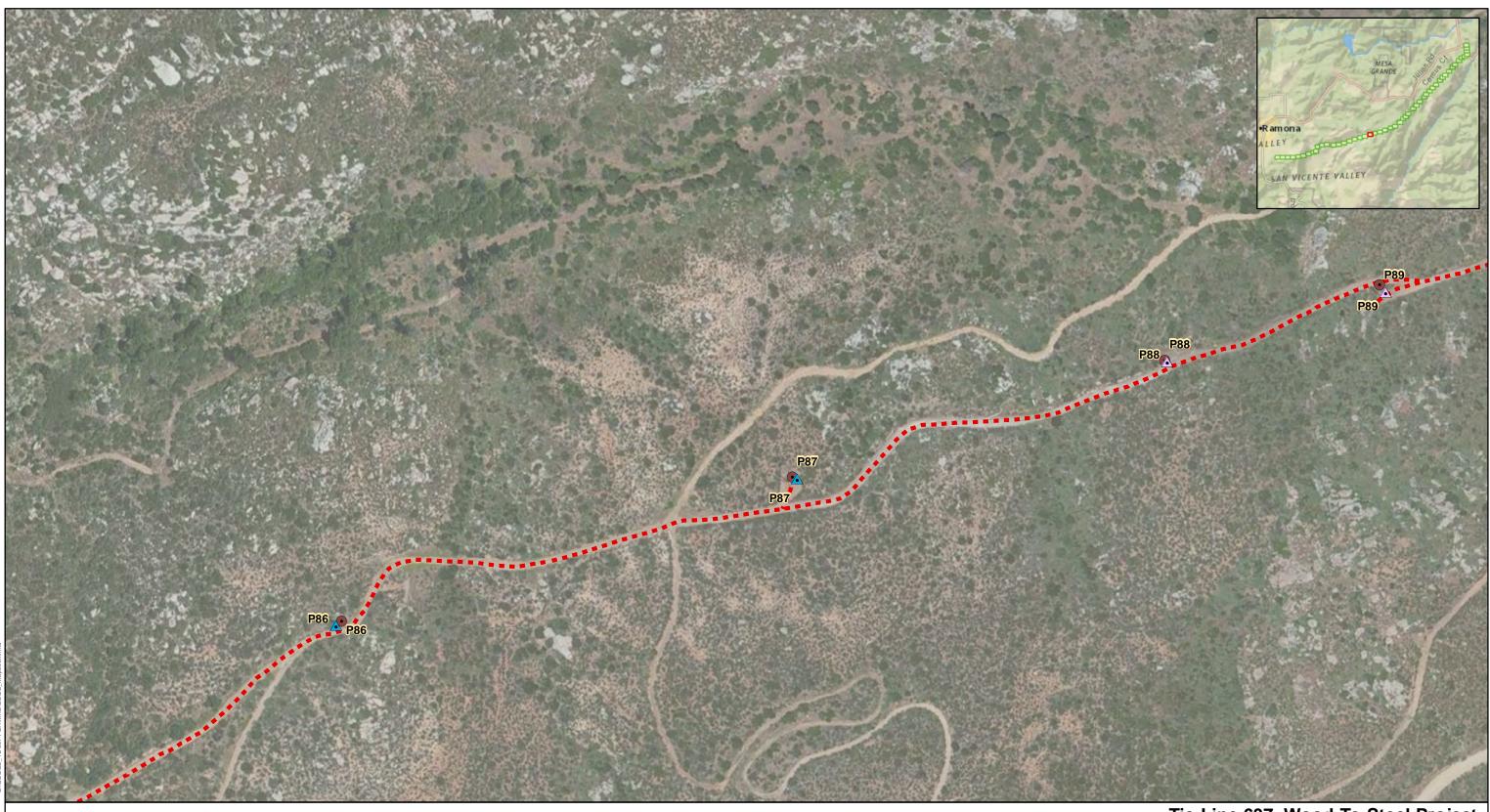




		Proposed		Existing (To Be Replaced)	
Created For: Brad Carter		 Micropile Foundation Pole Direct Bury Pole Pole Top Work 	 Proposed Trench Proposed Footpath Proposed Overland Travel 	 Pole Top Work Steel Pole Remove From Service 	P = Power Line Poles D = Distribution Line Poles T = Temporary Poles R = Poles to be Removed
Date: 2/15/2013 SDG&E is providing this map with the understanding that the map is not survey grade.		 Temporary Pole Proposed Guard Structure Proposed Anchor 		 Top Above Communication Wood Pole Existing Access Road 	A = Anchors GS = Guard Structures SS = Stringing Sites
rces: SDG&E ESRI 2012 (Bing	Aerial Maps, Microsoft Corporation 2012)	1	Turn Around Area	U U	

(Sheet 19 of 50)





		Pro	oposed		Exi
Created For:	Created By:		Micropile Foundation Pole	 Proposed Trench	•
Brad Carter	OTDO		Direct Bury Pole	Proposed Footpath	•
Diad Carlei	CTRC		Pole Top Work	 Proposed Overland Travel	ullet
Date	: 2/15/2013		_ ·	Stringing Site	$\overline{oldsymbol{\cdot}}$
	ling this map with the	☆	Proposed Guard Structure	Staging Yard	•
understanding that the	e map is not survey grade.	0	Proposed Anchor	Helicopter Landing Zone	
es: SDG&E ESRI 2012 (Bing	Aerial Maps, Microsoft Corporation 2012)	•	Proposed Sled and Block	Turn Around Area	

xisting (To Be Replaced)

- Pole Top Work
- Steel Pole
- Remove From Service
- Top Above Communication
- Wood Pole
- Existing Access Road
- GS = Guard Structures

A = Anchors

SS = Stringing Sites

P = Power Line Poles D = Distribution Line Poles

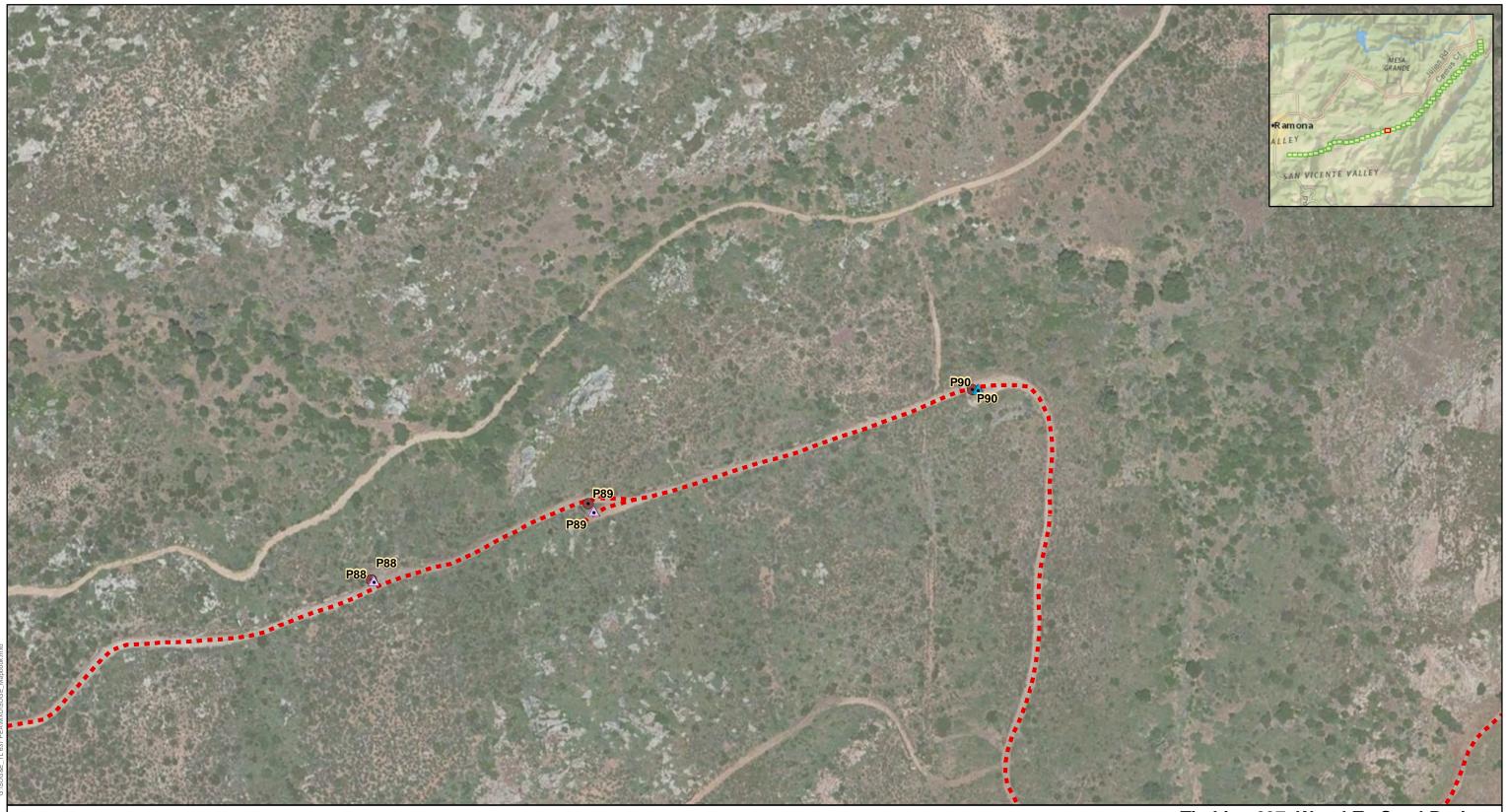
T = Temporary Poles

R = Poles to be Removed

Tie-Line 637Wood-To-Steel ProjectDetailed Route MapAppendix 3-B

(Sheet 20 of 50)





		Proposed		Existing (To Be Replaced)	
Created For: Brad Carter	Created By:	 Micropile Foundation Pole Direct Bury Pole Pole Top Work 	 Proposed Trench Proposed Footpath Proposed Overland Travel 	 Pole Top Work Steel Pole Remove From Service 	P = Power Line Poles D = Distribution Line Poles T = Temporary Poles R = Poles to be Removed
Date: 2/15/2013 SDG&E is providing this map with the understanding that the map is not survey grade.		 Temporary Pole Proposed Guard Structure Proposed Anchor 	 Stringing Site Staging Yard Helicopter Landing Zone 	 Top Above Communication Wood Pole Existing Access Road 	A = Anchors GS = Guard Structures
es: SDG&E ESRI 2012 (Bing	Aerial Maps, Microsoft Corporation 201		Turn Around Area	3	SS = Stringing Sites

(Sheet 21 of 50)

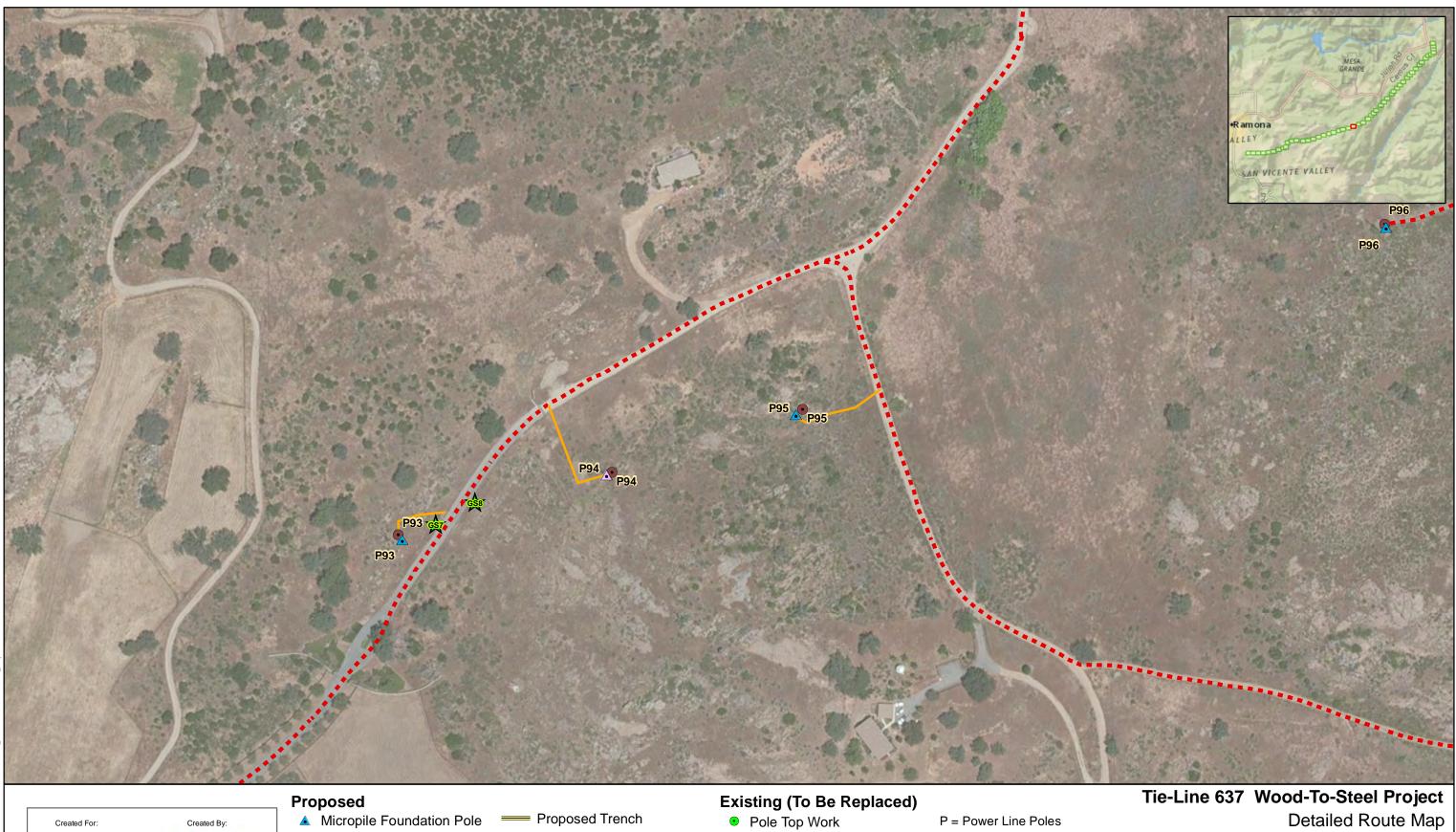




		Proposed		Existing (To Be Replaced)	
Created For: Brad Carter	Created By:	 Micropile Foundation Pole Direct Bury Pole Pole Top Work 	 Proposed Trench Proposed Footpath Proposed Overland Travel 	 Pole Top Work Steel Pole Remove From Service 	P = Power Line Poles D = Distribution Line Poles T = Temporary Poles
SDG&E is providi	2/15/2013	 Temporary Pole Proposed Guard Structure 	Stringing SiteStaging Yard	 Top Above Communication Wood Pole 	R = Poles to be Removed A = Anchors GS = Guard Structures
	Aerial Maps, Microsoft Corporation 2012)	Proposed AnchorProposed Sled and Block	Helicopter Landing Zone Turn Around Area	Existing Access Road	SS = Stringing Sites

(Sheet 22 of 50)



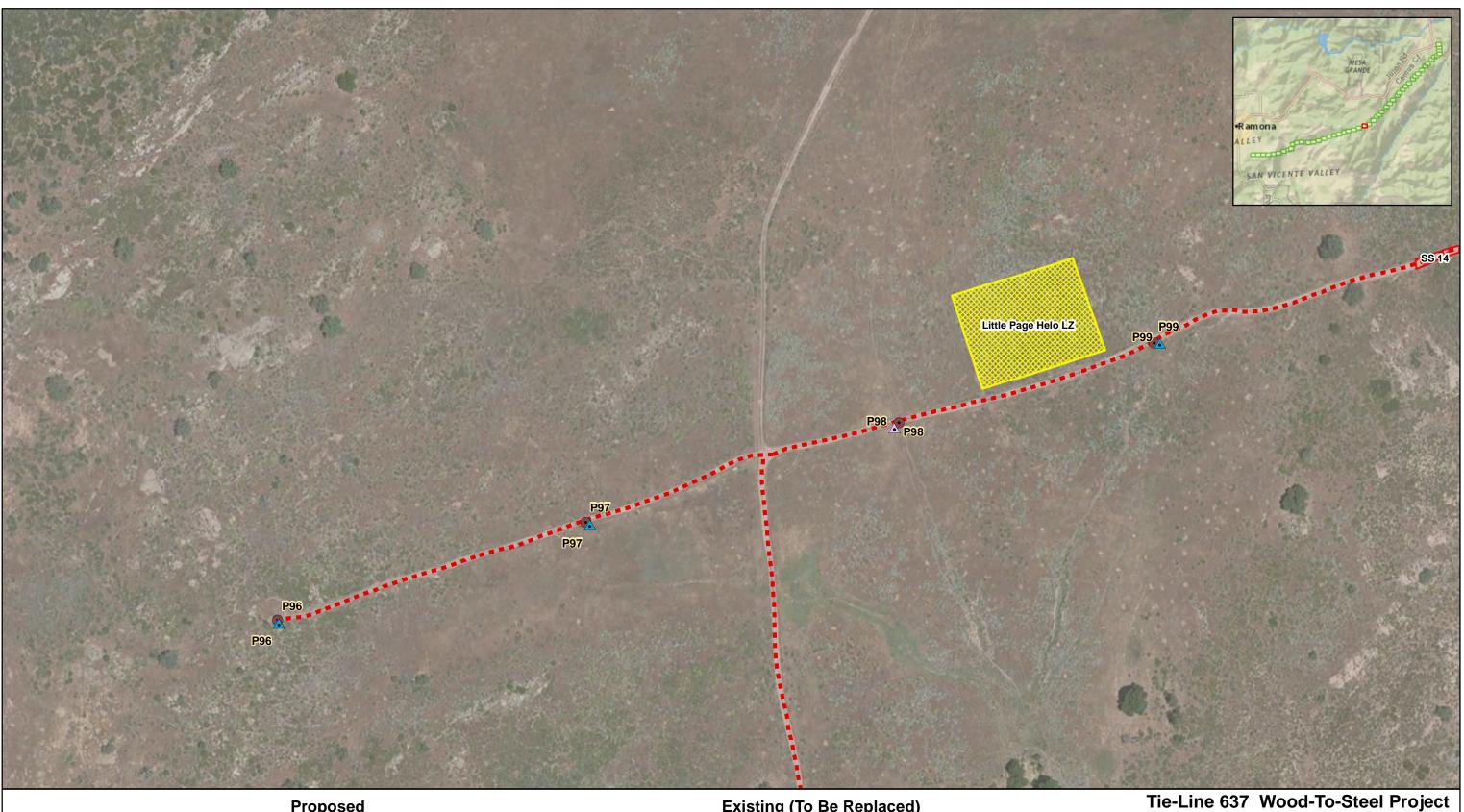


		Proposed		Existing (To Be Replaced)	
Created For: Brad Carter Date	Created By:	 Micropile Foundation Pole Direct Bury Pole Pole Top Work Temporary Pole 	 Proposed Trench Proposed Footpath Proposed Overland Travel Stringing Site 	 Pole Top Work Steel Pole Remove From Service Top Above Communication 	 P = Power Line Poles D = Distribution Line Poles T = Temporary Poles R = Poles to be Removed
SDG&E is providing this map with the understanding that the map is not survey grade.		 Proposed Guard Structure Proposed Anchor 	Staging Yard Helicopter Landing Zone	 Wood Pole Existing Access Road 	A = Anchors GS = Guard Structures SS = Stringing Sites
Sources: SDG&E ESRI 2012 (Bing	Aerial Maps, Microsoft Corporation 2012)	Proposed Sled and Block	Turn Around Area		0

Appendix 3-B

(Sheet 23 of 50)





Proposed					
Created For:	Created By:	Micropile Foundation Pole	Proposed Trench	(
Brad Carter	CTRC	Direct Bury Pole	Proposed Footpath	(
Diad Caller	CIRC	Pole Top Work	Proposed Overland Travel	(
Date	: 2/15/2013	Temporary Pole	Stringing Site	(
	ling this map with the	✤ Proposed Guard Structure	Staging Yard	(
understanding that the	e map is not survey grade.	Proposed Anchor	🔤 Helicopter Landing Zone		
≥s: SDG&E ESRI 2012 (Bing	Aerial Maps, Microsoft Corporation 2012)	Proposed Sled and Block	Turn Around Area		

Existing (To Be Replaced)

- Pole Top Work
- Steel Pole
- Remove From Service
- Top Above Communication
- Wood Pole
- Existing Access Road
- P = Power Line Poles
- D = Distribution Line Poles
- T = Temporary Poles
- R = Poles to be Removed
- A = Anchors
 - GS = Guard Structures
 - SS = Stringing Sites

Detailed Route Map Appendix 3-B

(Sheet 24 of 50)

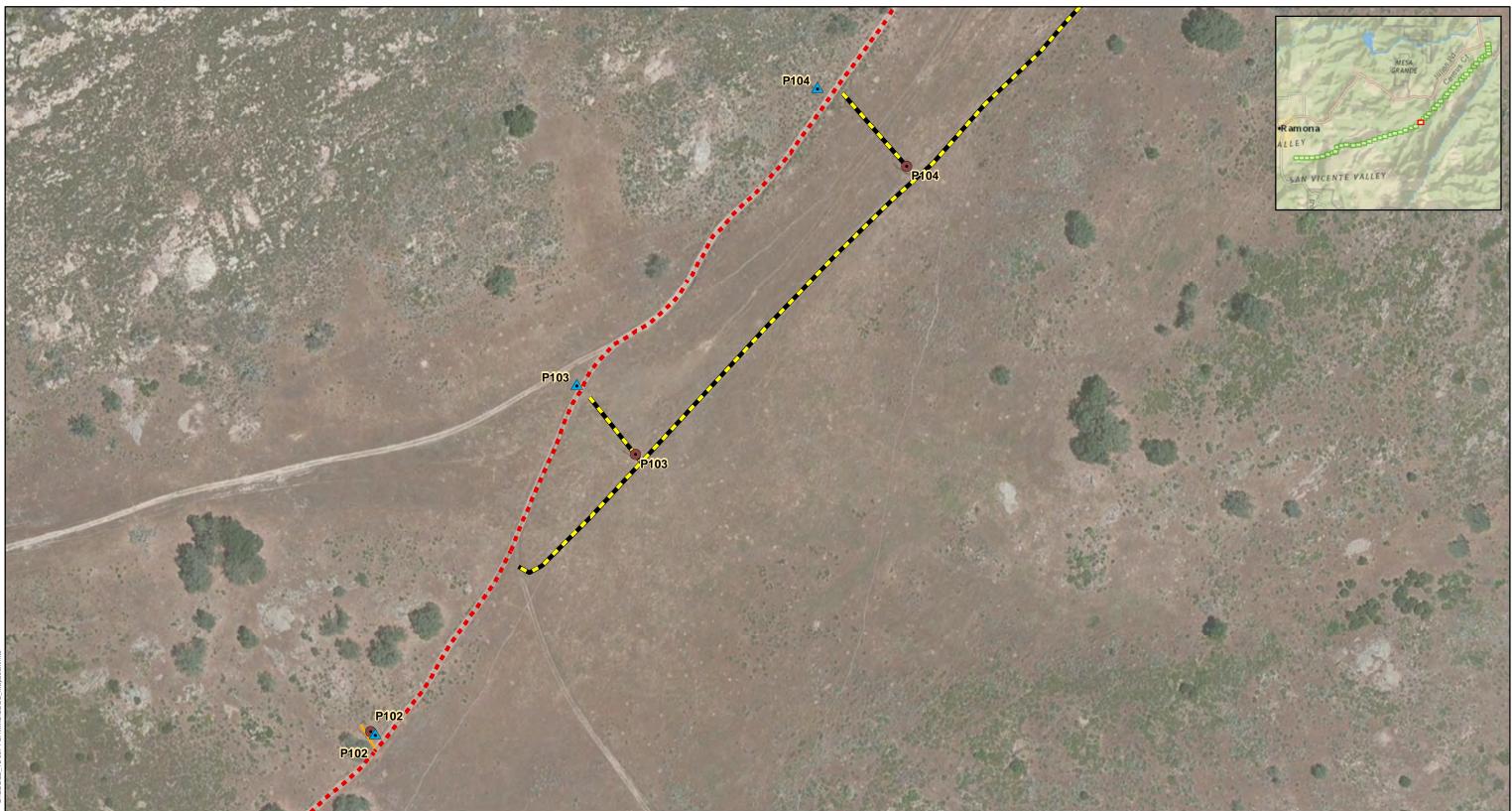




		Proposed		Existing (To Be Replaced)	
Created For: Brad Carter		 Micropile Foundation Pole Direct Bury Pole 	Proposed Trench Proposed Footpath	Pole Top WorkSteel Pole	P = Power Line Poles D = Distribution Line Poles
	2/15/2013	 Pole Top Work Temporary Pole 	Proposed Overland Travel	Remove From ServiceTop Above Communication	T = Temporary Poles R = Poles to be Removed A = Anchors
	ing this map with the map is not survey grade.	 ★ Proposed Guard Structure ○ Proposed Anchor 	Staging Yard Helicopter Landing Zone	 Wood Pole Existing Access Road 	GS = Guard Structures SS = Stringing Sites
rces: SDG&E ESRI 2012 (Bing	Aerial Maps, Microsoft Corporation 2012)	Proposed Sled and Block	Turn Around Area		0 0

(Sheet 25 of 50)





- D = Distribution Line Poles
- R = Poles to be Removed
- GS = Guard Structures
- SS = Stringing Sites

(Sheet 26 of 50)



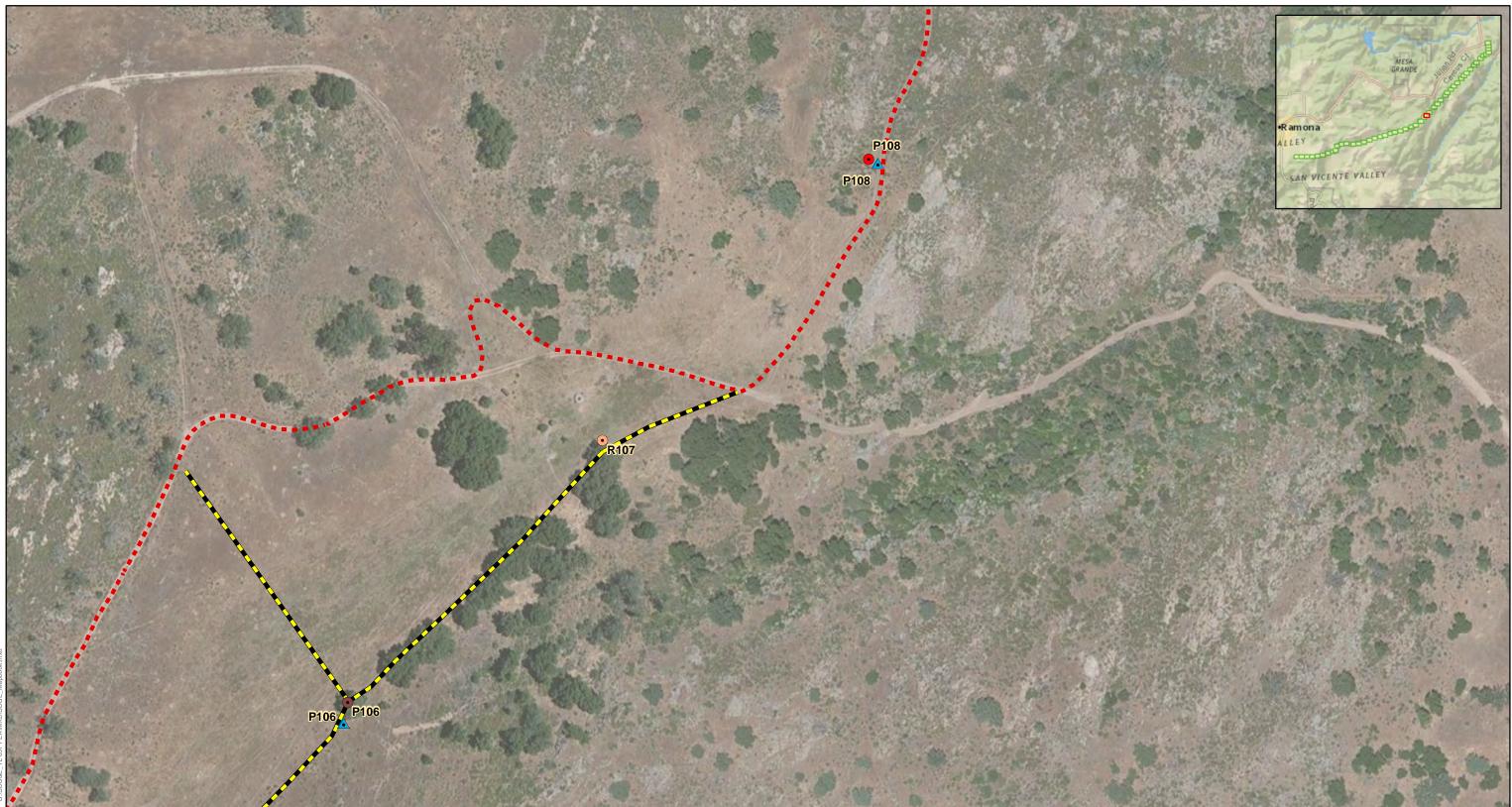


		Proposed		Existing (To Be Replaced)
Created For:	Created By:	Micropile Foundation Pole	Proposed Trench	Pole Top Work
Brad Carter	CTRC	Direct Bury Pole	Proposed Footpath	Steel Pole
	CIRC	Pole Top Work	Proposed Overland Travel	Remove From Service
Date	: 2/15/2013	▲ Temporary Pole	Stringing Site	 Top Above Communication
	ing this map with the	✤ Proposed Guard Structure	Staging Yard	Wood Pole
understanding that the	e map is not survey grade.	Proposed Anchor	Helicopter Landing Zone	Existing Access Road
ces: SDG&E ESRI 2012 (Bing	Aerial Maps, Microsoft Corporation 201	²⁾ • Proposed Sled and Block	Turn Around Area	

- P = Power Line Poles
- D = Distribution Line Poles
- T = Temporary Poles
- R = Poles to be Removed
- A = Anchors
- GS = Guard Structures
- SS = Stringing Sites

(Sheet 27 of 50)





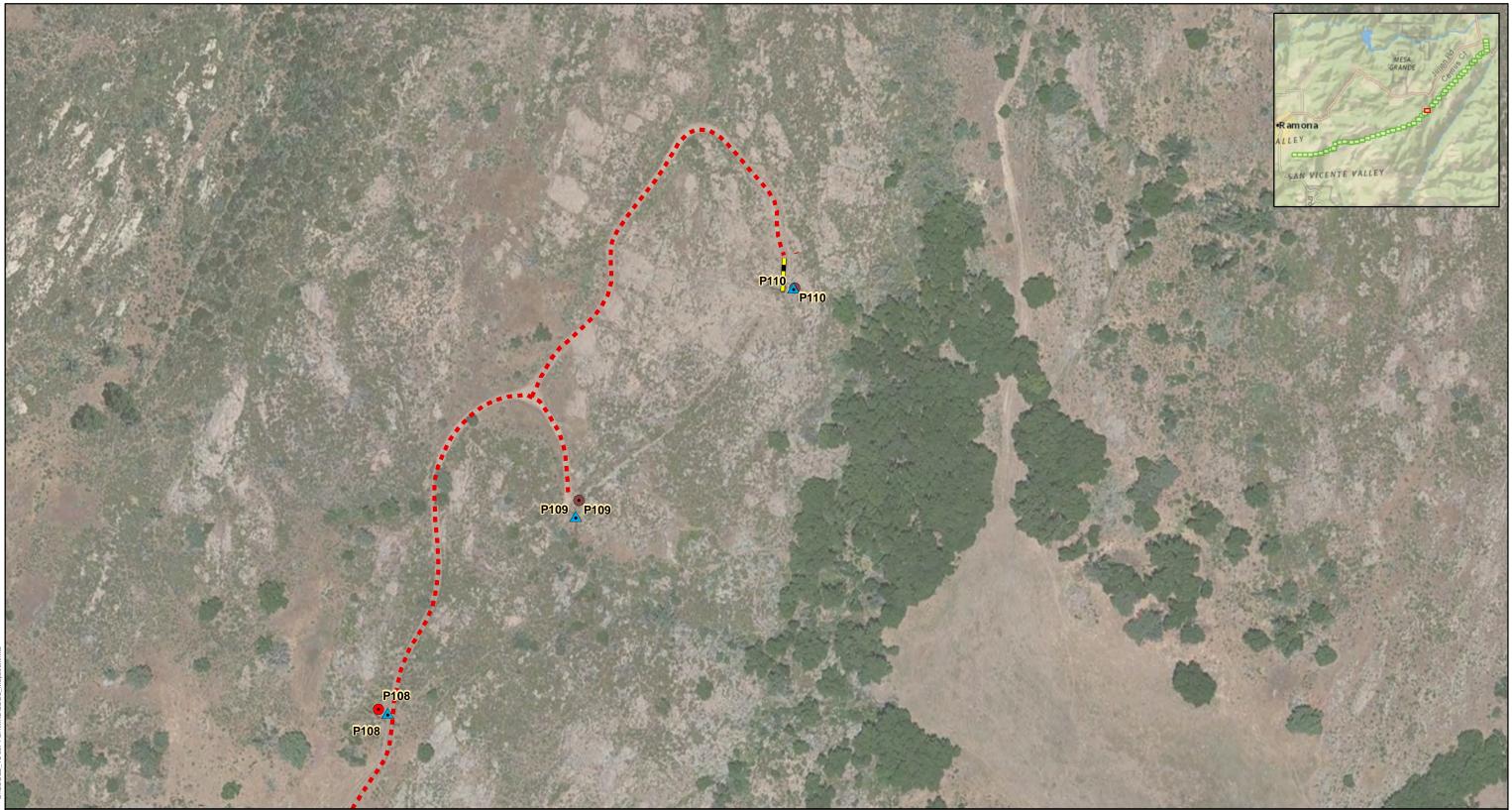
		Proposed		Existing (To Be Replaced)
Created For: Brad Carter	Created By:	 Micropile Foundation Pole Direct Bury Pole Bolo Top Work 	 Proposed Trench Proposed Footpath Proposed Overland Travel 	 Pole Top Work Steel Pole Remove From Service
Date	: 2/15/2013	 Pole Top Work Temporary Pole 	Stringing Site	 Top Above Communication
	ing this map with the	 Proposed Guard Structure 	Staging Yard	Wood Pole
understanding that the	e map is not survey grade.	Proposed Anchor	💹 Helicopter Landing Zone	Existing Access Road
es: SDG&E ESRI 2012 (Bing	Aerial Maps, Microsoft Corporation 2012)	Proposed Sled and Block	Turn Around Area	

- blaced) P = Power Line Poles
 - D = Distribution Line Poles

 - T = Temporary Poles
 - R = Poles to be Removed
 - A = Anchors
 - GS = Guard Structures
 - SS = Stringing Sites

(Sheet 28 of 50)





U		and the second		and the second second second second
			Proposed	
	Created For:	Created By:	Micropile Foundation Pole	Proposed Trench
	Brad Carter	CTRC	▲ Direct Bury Pole	Proposed Footpath
	Bidd Oditor	CIRC	▲ Pole Top Work	Proposed Overland Travel
	Date	: 2/15/2013	▲ Temporary Pole	Stringing Site
		ing this map with the	★ Proposed Guard Structure	Staging Yard
	understanding that the	e map is not survey grade.	Proposed Anchor	💹 Helicopter Landing Zone

• Pole Top Work

- Steel Pole
- Remove From Service

Existing (To Be Replaced)

- Top Above Communication
- Wood Pole

Turn Around Area

- Existing Access Road
- P = Power Line Poles
- D = Distribution Line Poles
- T = Temporary Poles
- R = Poles to be Removed
 - A = Anchors
 - GS = Guard Structures
 - SS = Stringing Sites

Sources: SDG&E; ESRI 2012 (Bing Aerial Maps, Microsoft Corporation 2012) • Proposed Sled and Block

Tie-Line 637 Wood-To-Steel Project **Detailed Route Map** Appendix 3-B

(Sheet 29 of 50)

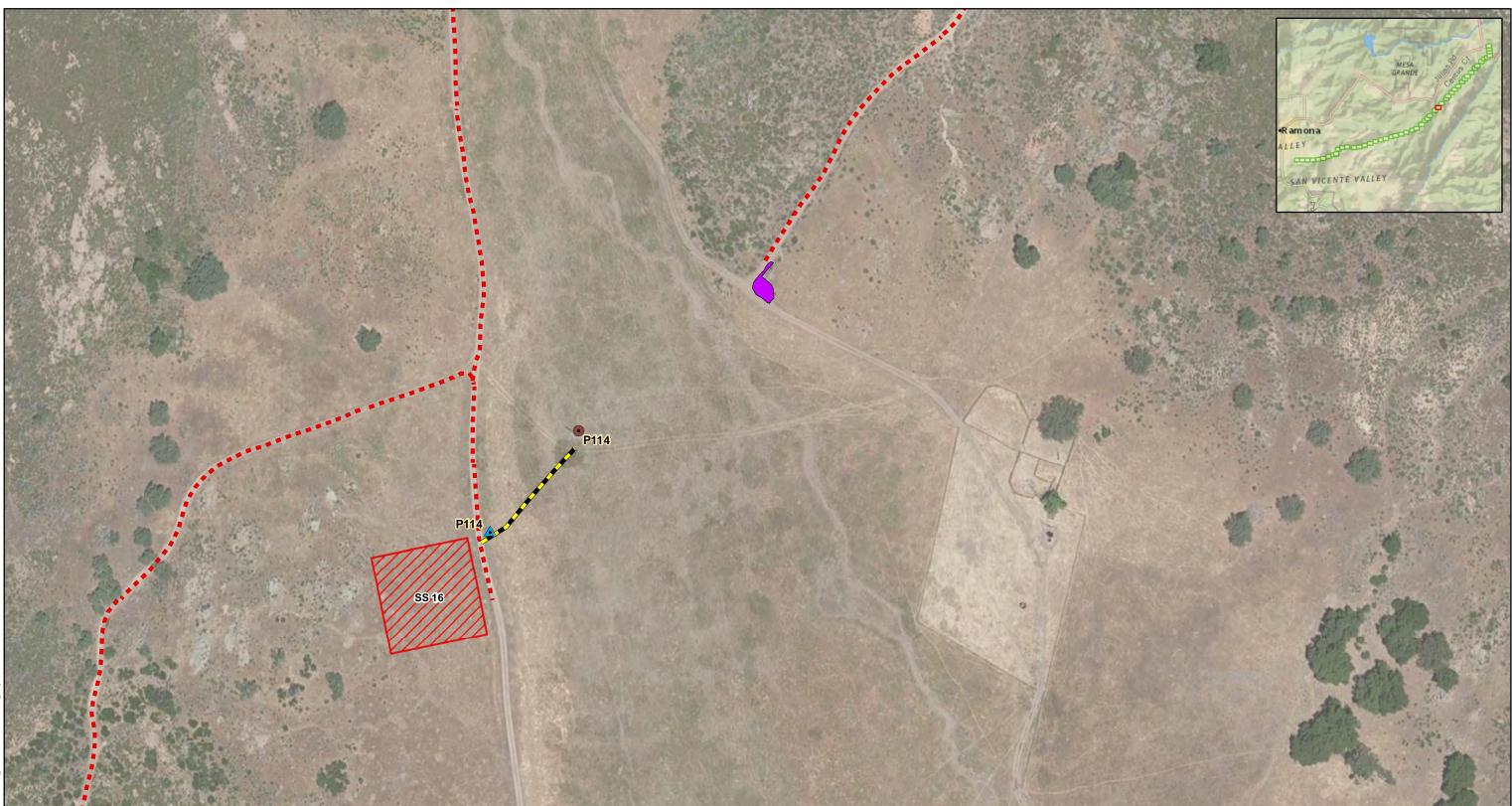




		Proposed		Existing (To Be Replaced)	
Created For: Brad Carter Date:	Created By:	 Micropile Foundation Pole Direct Bury Pole Pole Top Work Temporary Pole 	 Proposed Trench Proposed Footpath Proposed Overland Travel Stringing Site 	 Pole Top Work Steel Pole Remove From Service Top Above Communication 	P = Power Line Poles D = Distribution Line Pole T = Temporary Poles R = Poles to be Removed
SDG&E is providing this map with the understanding that the map is not survey grade.		 Proposed Guard Structure Proposed Anchor 	Staging Yard Helicopter Landing Zone	 Wood Pole Existing Access Road 	A = Anchors GS = Guard Structures SS = Stringing Sites
es: SDG&E ESRI 2012 (Bing	Aerial Maps, Microsoft Corporation 201	²⁾ • Proposed Sled and Block	Turn Around Area		0

(Sheet 30 of 50)





			Proposed		Existing (To
	Created For: Brad Carter		 Micropile Foundation Pole Direct Bury Pole 	Proposed Trench Proposed Footpath	Pole Top WSteel Pole
	Date	e: 2/15/2013	 Pole Top Work Temporary Pole 	 Proposed Overland Travel Stringing Site 	Remove FiTop Above
		ding this map with the e map is not survey grade.	 Proposed Guard Structure Proposed Anchor 	Staging Yard Elicopter Landing Zone	 Wood Pole Existing Activity
So	ources: SDG&E ESRI 2012 (Bing	g Aerial Maps, Microsoft Corporation 2012)		Turn Around Area	

o Be Replaced)

- Work
- le
- From Service
- ve Communication
- le
- Access Road
- GS = Guard Structures SS = Stringing Sites

A = Anchors

P = Power Line Poles D = Distribution Line Poles

T = Temporary Poles

R = Poles to be Removed

Tie-Line 637 Wood-To-Steel Project Detailed Route Map Appendix 3-B

(Sheet 31 of 50)





	Proposed		Existing (To Be Replaced)	
Created For: Created By: Brad Carter CTRC	 Micropile Foundation Pole Direct Bury Pole Pole Top Work 	 Proposed Trench Proposed Footpath Proposed Overland Travel 	 Pole Top Work Steel Pole Remove From Service 	P = Power Line Poles D = Distribution Line Poles T = Temporary Poles
Date: 2/15/2013 SDG&E is providing this map with the understanding that the map is not survey grade. es: SDG&E ESRI 2012 (Bing Aerial Maps, Microsoft Corporation 2012	 Temporary Pole Proposed Guard Structure Proposed Anchor 	Stringing SiteStaging YardHelicopter Landing Zone	 Top Above Communication Wood Pole Existing Access Road 	R = Poles to be Removed A = Anchors GS = Guard Structures SS = Stringing Sites

(Sheet 32 of 50)





	and a deal fails	and the second
		Proposed
Created For:	Created By:	Micropile Foundation Pole
Brad Carter	©TRC	Direct Bury Pole
	CINC	🔺 Pole Top Work
Date	: 2/15/2013	🔺 Temporary Pole
	ing this map with the	✤ Proposed Guard Structure
understanding that the	e map is not survey grade.	O Drangaged Anabar

- Proposed Anchor
- Proposed Sled and Block Sources: SDG&E; ESRI 2012 (Bing Aerial Maps, Microsoft Corporation 2012)

- Proposed Trench
- Proposed Footpath ----- Proposed Overland Travel
- Stringing Site
- Staging Yard

- Helicopter Landing Zone
- Turn Around Area

- Existing (To Be Replaced)
- Pole Top Work
- Steel Pole
- Remove From Service
- Top Above Communication
- Wood Pole
- Existing Access Road
- R = Poles to be Removed A = Anchors

D = Distribution Line Poles

P = Power Line Poles

T = Temporary Poles

- GS = Guard Structures SS = Stringing Sites

Tie-Line 637 Wood-To-Steel Project **Detailed Route Map** Appendix 3-B

(Sheet 33 of 50)

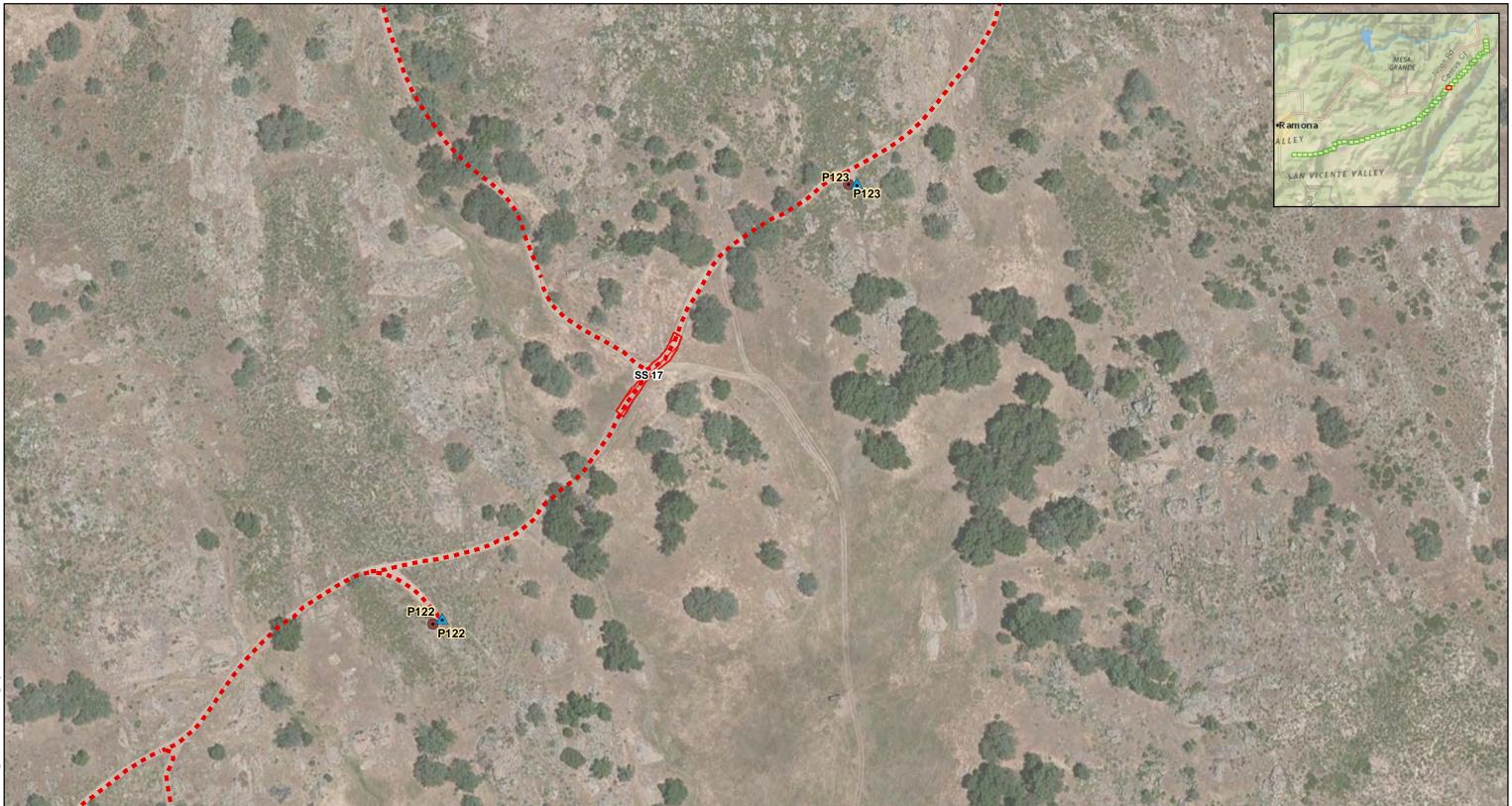




		Proposed		Existing (To Be Replaced)	
Created For: Brad Carter Date:	Created By:	 Micropile Foundation Pole Direct Bury Pole Pole Top Work Temporary Pole 	 Proposed Trench Proposed Footpath Proposed Overland Travel Stringing Site 	 Pole Top Work Steel Pole Remove From Service Top Above Communication 	P = Power Line Poles D = Distribution Line Poles T = Temporary Poles R = Poles to be Removed
	ing this map with the map is not survey grade.	 Proposed Guard Structure Proposed Anchor 	Staging Yard Helicopter Landing Zone	 Wood Pole Existing Access Road 	A = Anchors GS = Guard Structures SS = Stringing Sites
ources: SDG&E ESRI 2012 (Bing	Aerial Maps, Microsoft Corporation 2012)	Proposed Sled and Block	Turn Around Area		

(Sheet 34 of 50)





Created For:	Created By:
Brad Carter	CTRC
	Date: 2/15/2013

SDG&E is providing this map with the understanding that the map is not survey grade.

Sources: SDG&E; ESRI 2012 (Bing Aerial Maps, Microsoft Corporation 2012)

Proposed

- ▲ Micropile Foundation Pole
- ▲ Direct Bury Pole
- A Pole Top Work
- ▲ Temporary Pole
- ★ Proposed Guard Structure
- Proposed Anchor
- Proposed Sled and Block

- Proposed Trench ____
- Proposed Footpath
- ----- Proposed Overland Travel
- Stringing Site
- Staging Yard
- Helicopter Landing Zone Turn Around Area
- Existing (To Be Replaced)
- Pole Top Work
- Steel Pole
- Remove From Service
- Top Above Communication
- Wood Pole
- Existing Access Road
- A = Anchors

T = Temporary Poles

P = Power Line Poles

D = Distribution Line Poles

R = Poles to be Removed

- GS = Guard Structures SS = Stringing Sites

Tie-Line 637 Wood-To-Steel Project **Detailed Route Map** Appendix 3-B

(Sheet 35 of 50)





		Proposed	
Created For:	Created By:	Micropile Foundation Pole	Proposed Trench
Brad Carter	©TRC	Direct Bury Pole	Proposed Footpath
	CIRC	A Pole Top Work	Proposed Overland Trav
Date:	2/15/2013	Temporary Pole	Stringing Site
	ng this map with the	★ Proposed Guard Structure	Staging Yard
understanding that the	e map is not survey grade.	Proposed Anchor	💹 Helicopter Landing Zone
Sources: SDG&E ESRI 2012 (Bing	Aerial Maps, Microsoft Corporation 2012)	Proposed Sled and Block	Turn Around Area

Existing (To Be Replaced)

- Pole Top Work
- Steel Pole
- Remove From Service
- Top Above Communication
- Wood Pole
- Existing Access Road
- P = Power Line Poles
- D = Distribution Line Poles
- T = Temporary Poles
- R = Poles to be Removed A = Anchors

 - GS = Guard Structures SS = Stringing Sites

Tie-Line 637 Wood-To-Steel Project **Detailed Route Map** Appendix 3-B

(Sheet 36 of 50)



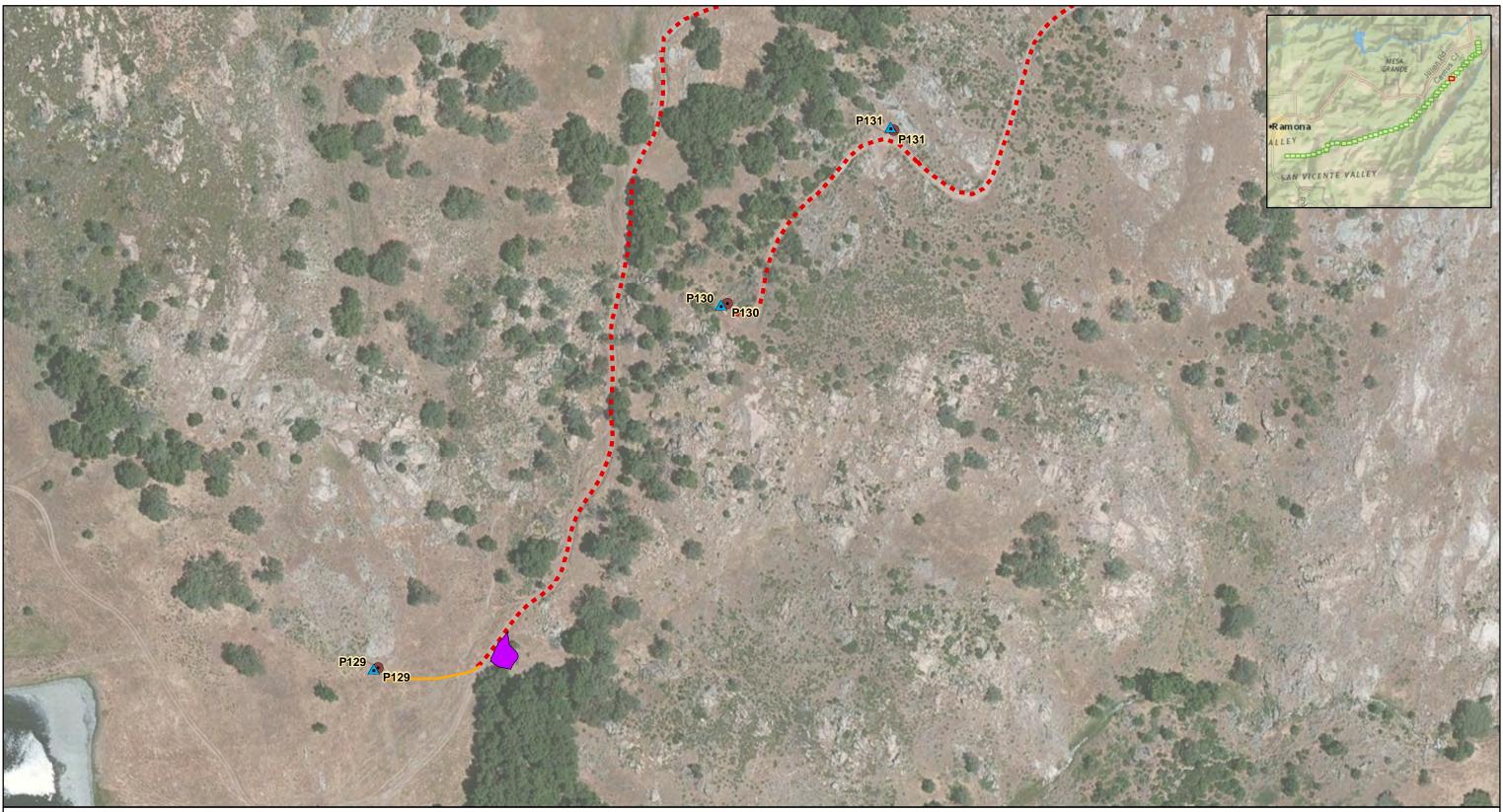


		Proposed		Existing (To Be Replaced)	
Created For: Brad Carter Date:	Created By:	 Micropile Foundation Pole Direct Bury Pole Pole Top Work Temporary Pole 	 Proposed Trench Proposed Footpath Proposed Overland Travel Stringing Site 	 Pole Top Work Steel Pole Remove From Service Top Above Communication 	P = Power Line Poles D = Distribution Line Poles T = Temporary Poles R = Poles to be Removed
SDG&E is provid understanding that the	ing this map with the map is not survey grade.	 Proposed Guard Structure Proposed Anchor 	Staging Yard Helicopter Landing Zone	 Wood Pole Existing Access Road 	A = Anchors GS = Guard Structures SS = Stringing Sites
Sources: SDG&E ESRI 2012 (Bing	Aerial Maps, Microsoft Corporation 2012)	Proposed Sled and Block	Turn Around Area		0

Tie-Line 637 Wood-To-Steel Project Detailed Route Map Appendix 3-B

(Sheet 37 of 50)

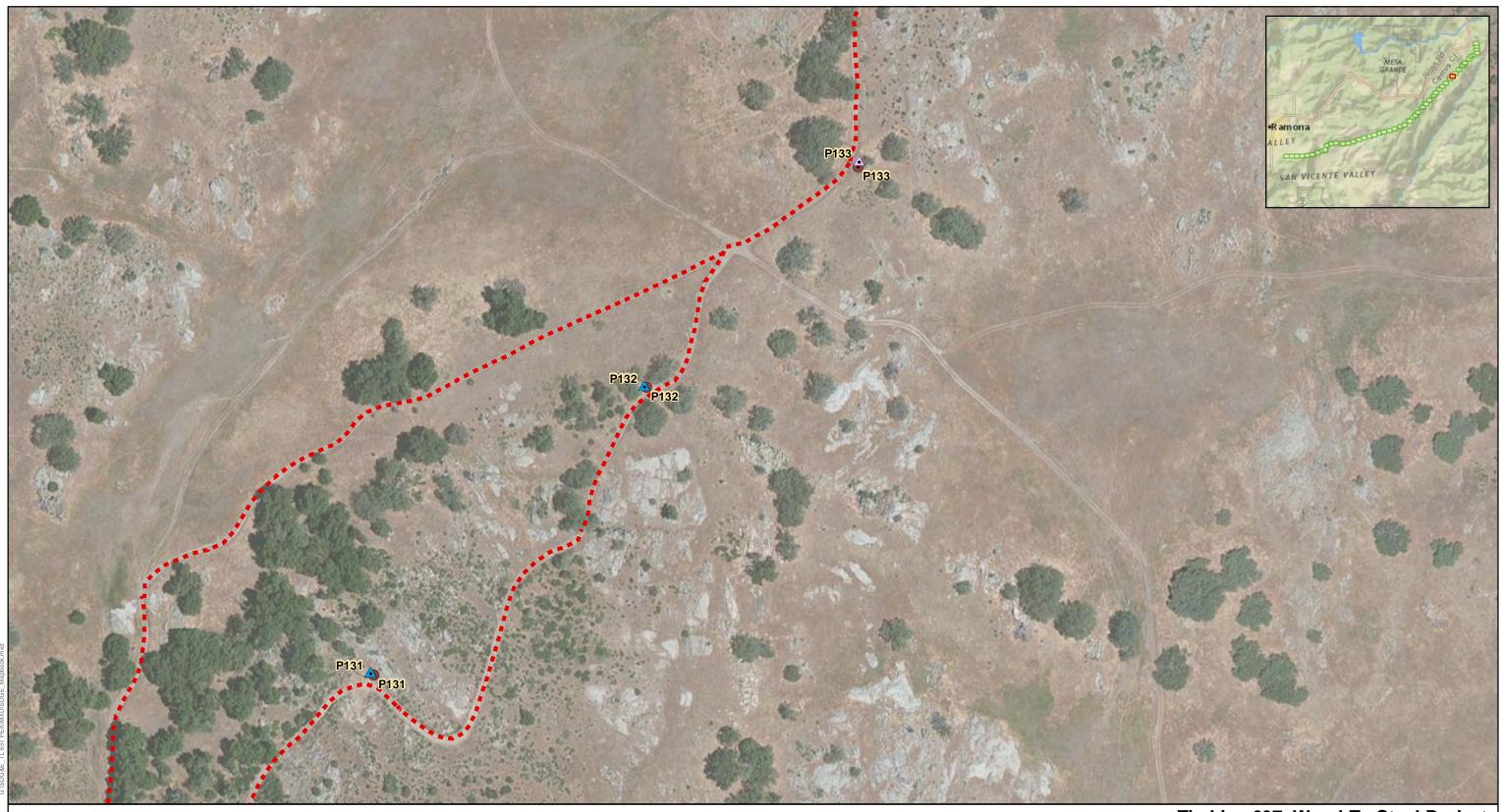




		Proposed		Existing (To Be Replaced)	
Created For: Brad Carter Date:	Created By:	 Micropile Foundation Pole Direct Bury Pole Pole Top Work Temporary Pole 	 Proposed Trench Proposed Footpath Proposed Overland Travel Stringing Site 	 Pole Top Work Steel Pole Remove From Service Top Above Communication 	 P = Power Line Poles D = Distribution Line Poles T = Temporary Poles R = Poles to be Removed
	ing this map with the e map is not survey grade.	 Proposed Guard Structure Proposed Anchor 	Staging Yard Helicopter Landing Zone	 Wood Pole Existing Access Road 	A = Anchors GS = Guard Structures SS = Stringing Sites
Irces: SDG&E ESRI 2012 (Bing	Aerial Maps, Microsoft Corporation 2012)	Proposed Sled and Block	Turn Around Area		0

(Sheet 38 of 50)





		Proposed		Existing
Created For:	Created By:	 Micropile Foundation Pole Direct Bury Pole 	 Proposed Trench Proposed Footpath 	PoleStee
Brad Carter	2/15/2013	 Pole Top Work Temporary Pole 	 Proposed Overland Travel Stringing Site 	 Rer Top
	ing this map with the e map is not survey grade.	 Proposed Guard Structure Proposed Anchor 	 Staging Yard Helicopter Landing Zone 	• Wo
ces: SDG&E ESRI 2012 (Bing	Aerial Maps, Microsoft Corporation 2012)	· · · · · · · · · · · · ·	Turn Around Area	

Existing (To Be Replaced)

- Pole Top Work
- Steel Pole
- Remove From Service
- Top Above Communication
- Wood Pole
- Existing Access Road
- R = Poles to be Removed A = Anchors

P = Power Line Poles D = Distribution Line Poles

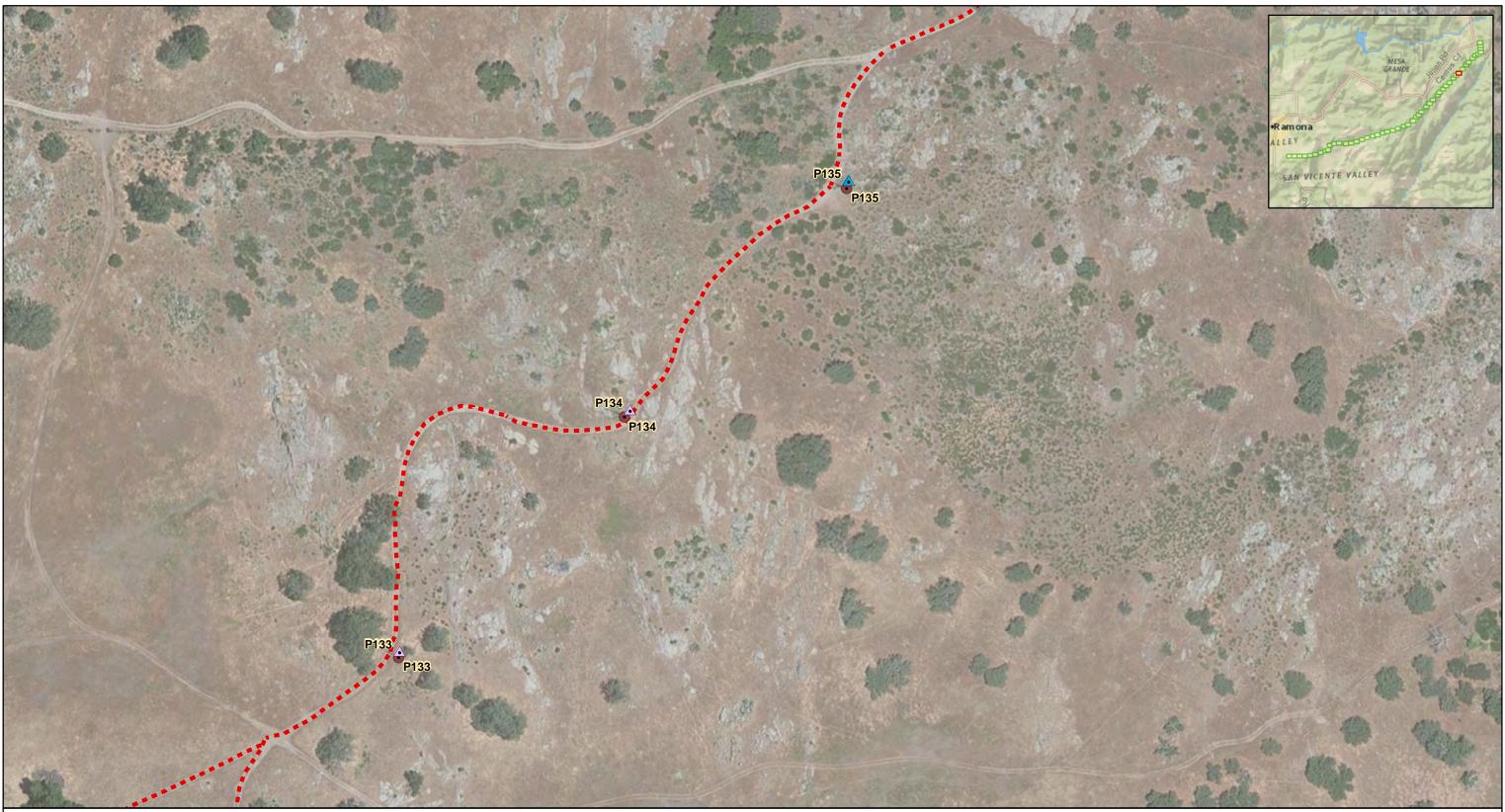
T = Temporary Poles

- GS = Guard Structures
- SS = Stringing Sites

Tie-Line 637Wood-To-Steel ProjectDetailed Route MapAppendix 3-B

(Sheet 39 of 50)





		Proposed		Existing (To Be R
Created For:	Created By:	Micropile Foundation Pole	Proposed Trench	Pole Top Work
Brad Carter	CTRC	▲ Direct Bury Pole	Proposed Footpath	Steel Pole
	CIRC	▲ Pole Top Work	Proposed Overland Travel	Remove From S
Date	: 2/15/2013	🔺 Temporary Pole	Stringing Site	 Top Above Com
	ling this map with the	★ Proposed Guard Structure	Staging Yard	Wood Pole
understanding that th	e map is not survey grade.	Proposed Anchor	Helicopter Landing Zone	Existing Access
Sources: SDG&E ESRI 2012 (Bing	Aerial Maps, Microsoft Corporation 2012)	Proposed Sled and Block	Turn Around Area	

Replaced)

- Service
- mmunication
- ss Road
- A = Anchors GS = Guard Structures
- SS = Stringing Sites

P = Power Line Poles D = Distribution Line Poles

T = Temporary Poles

R = Poles to be Removed

Tie-Line 637 Wood-To-Steel Project Detailed Route Map Appendix 3-B

(Sheet 40 of 50)





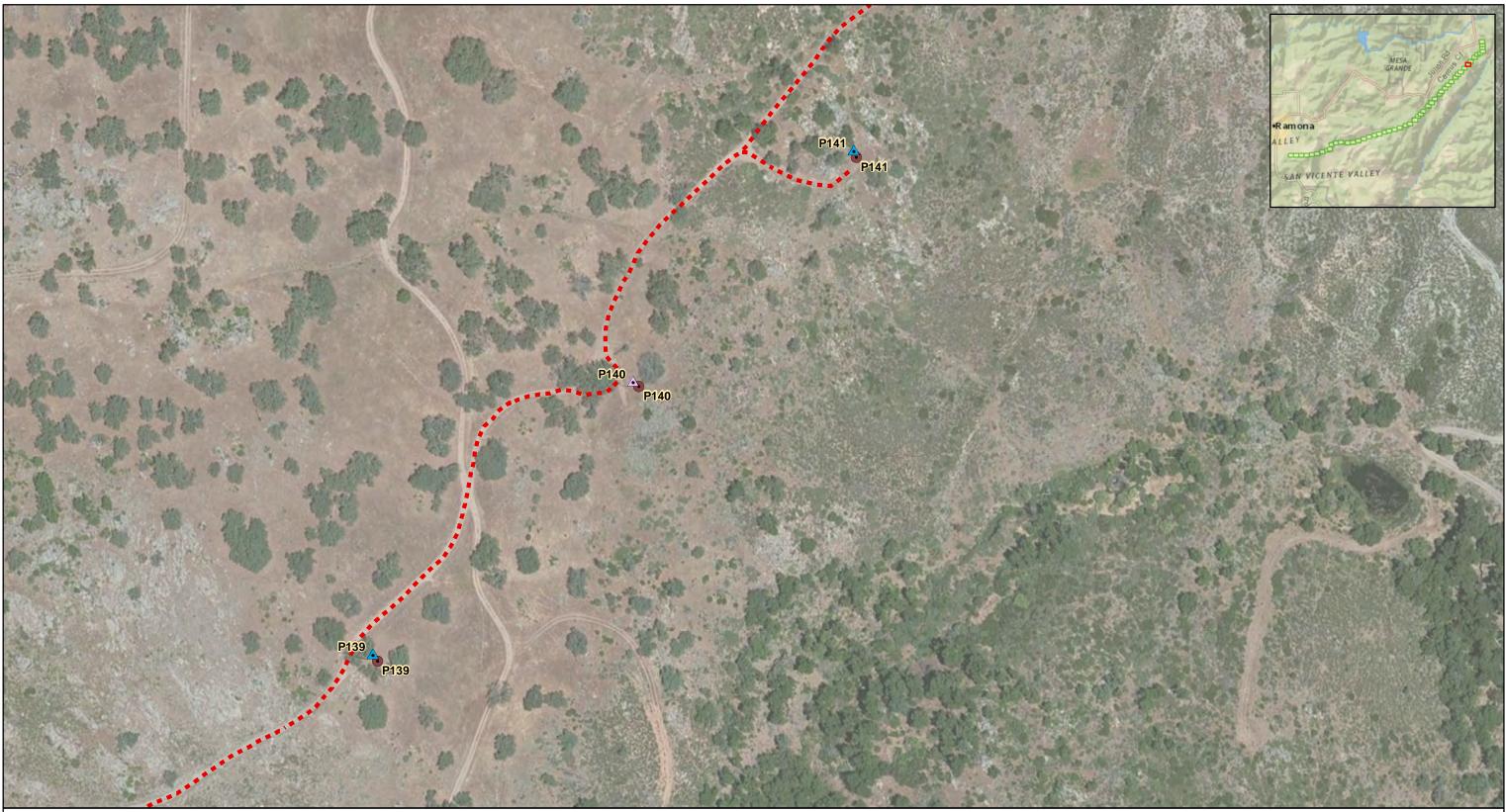
		Pro	oposed	
Created For:	Created By:		Micropile Foundation Pole	 Proposed Trench
Brad Carter	©TRC		Direct Bury Pole	Proposed Footpath
Didd Galler	CIRC		Pole Top Work	 Proposed Overland Travel
Date	2/15/2013		Temporary Pole	Stringing Site
	ing this map with the	☆	Proposed Guard Structure	Staging Yard
understanding that the	e map is not survey grade.	0	Proposed Anchor	Helicopter Landing Zone
Sources: SDG&E ESRI 2012 (Bing	Aerial Maps, Microsoft Corporation 2012)	•	Proposed Sled and Block	Turn Around Area

- Existing (To Be Replaced)
- Pole Top Work
- Steel Pole
- Remove From Service
- Top Above Communication
- Wood Pole
- Existing Access Road
- P = Power Line Poles
- D = Distribution Line Poles
- T = Temporary Poles
- R = Poles to be Removed
- A = Anchors

 - GS = Guard Structures SS = Stringing Sites

(Sheet 41 of 50)





		Proposed		Existing (To Be Replaced)	
Created For: Brad Carter Date:	Created By:	 Micropile Foundation Pole Direct Bury Pole Pole Top Work Temporary Pole 	 Proposed Trench Proposed Footpath Proposed Overland Travel Stringing Site 	 Pole Top Work Steel Pole Remove From Service Top Above Communication 	P = Power Line Poles D = Distribution Line Poles T = Temporary Poles R = Poles to be Removed
	ng this map with the map is not survey grade.	 Proposed Guard Structure Proposed Anchor 	Staging Yard Helicopter Landing Zone	 Wood Pole Existing Access Road 	A = Anchors GS = Guard Structures SS = Stringing Sites
Sources: SDG&E ESRI 2012 (Bing J	Aerial Maps, Microsoft Corporation 2012)	Proposed Sled and Block	Turn Around Area		0

(Sheet 42 of 50)





Existing (To Be Replaced)

- Pole Top Work
- Steel Pole
- Remove From Service
- Top Above Communication
- Wood Pole
- Existing Access Road
- GS = Guard Structures

A = Anchors

P = Power Line Poles

T = Temporary Poles

D = Distribution Line Poles

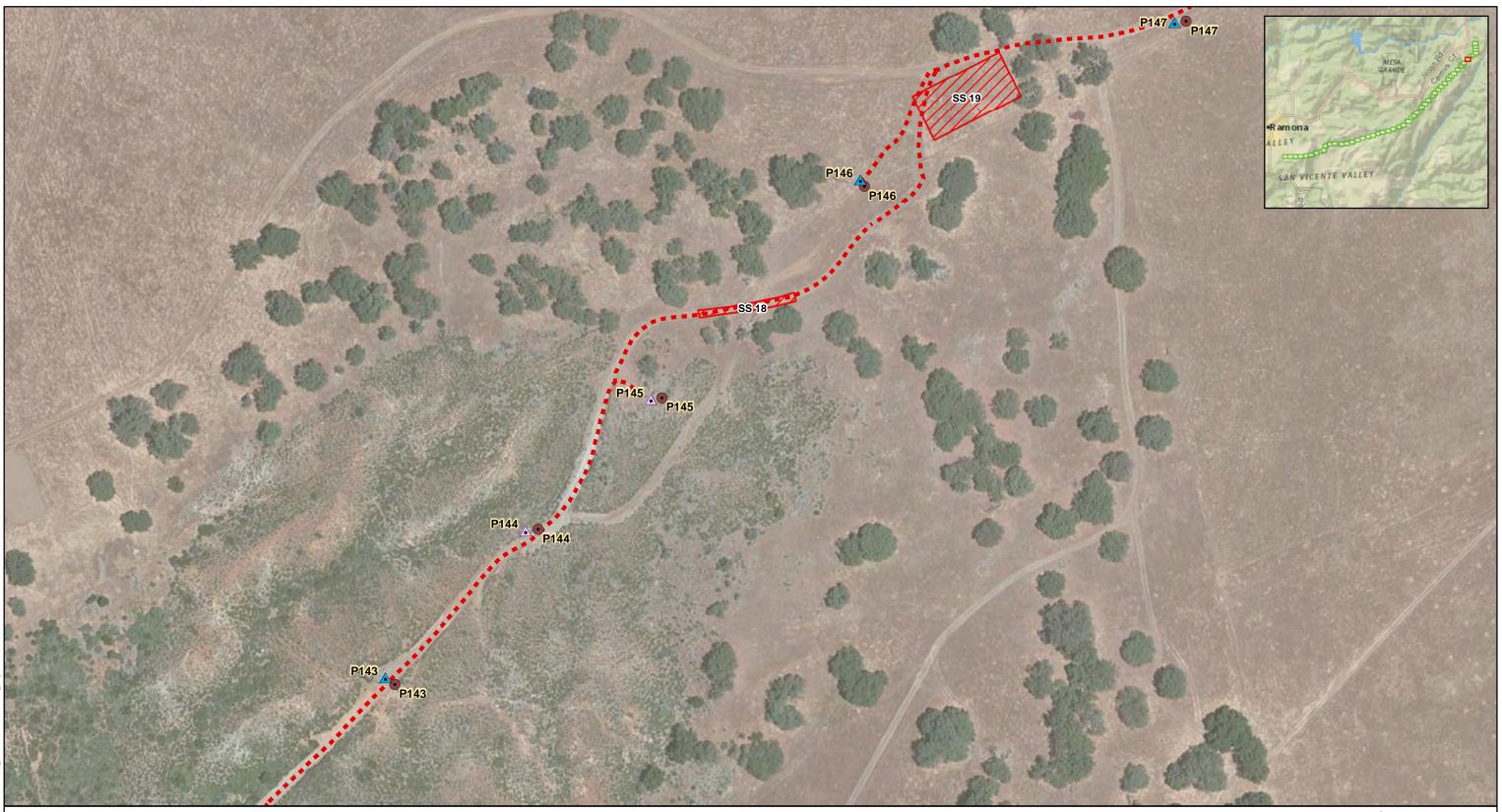
R = Poles to be Removed

SS = Stringing Sites

Tie-Line 637 Wood-To-Steel Project **Detailed Route Map** Appendix 3-B

(Sheet 43 of 50)

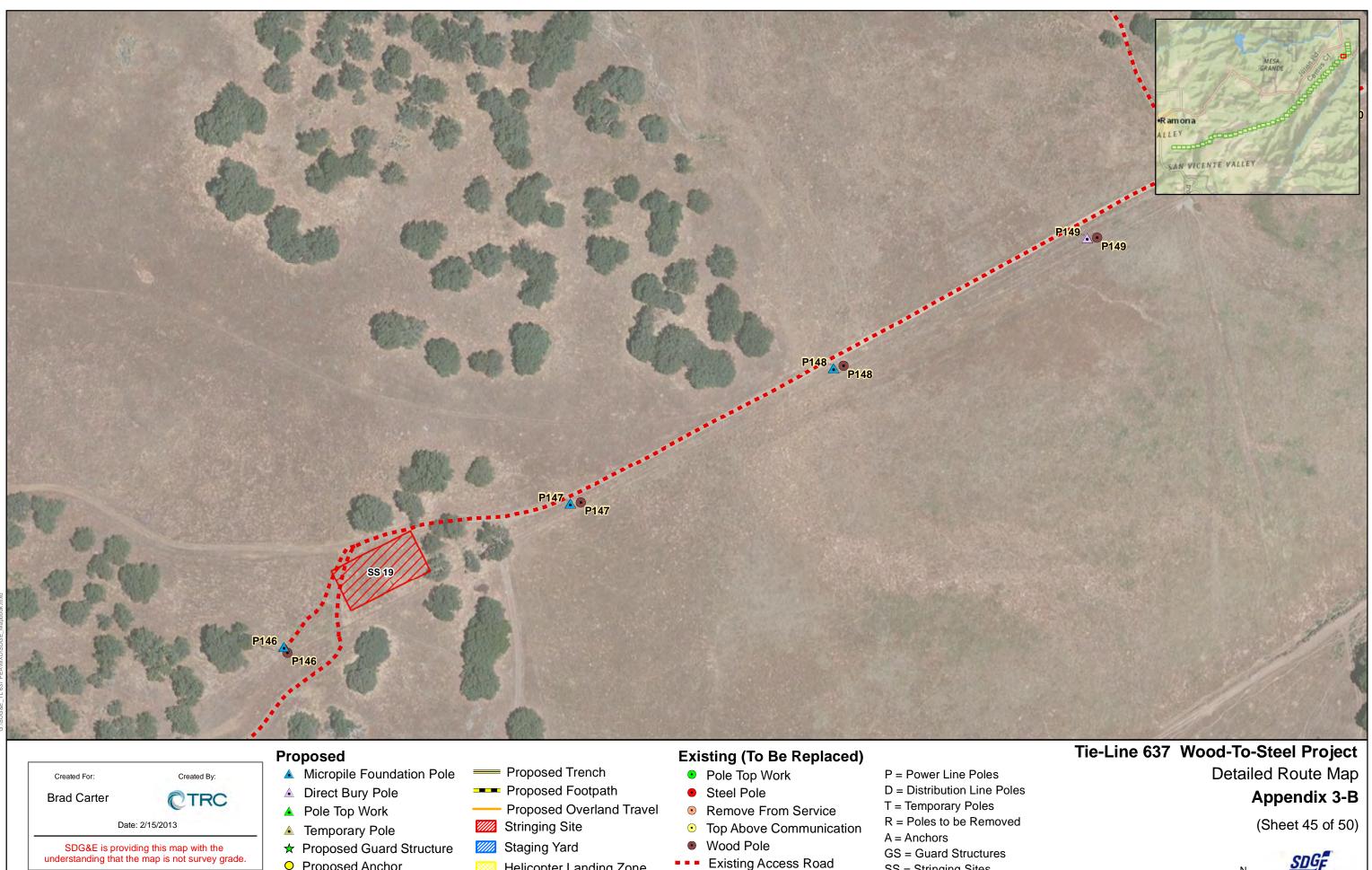




SDG&E is provid	Created By: CCTRC e: 2/15/2013 ding this map with the he map is not survey grade.	 Proposed ▲ Micropile Foundation Pole ▲ Direct Bury Pole ▲ Pole Top Work ▲ Temporary Pole ★ Proposed Guard Structure ● Proposed Anchor 	 Proposed Trench Proposed Footpath Proposed Overland Travel Stringing Site Staging Yard Helicopter Landing Zone 	 Existing (To Be Replaced) Pole Top Work Steel Pole Remove From Service Top Above Communication Wood Pole Existing Access Road 	P = Power Line Poles D = Distribution Line Poles T = Temporary Poles R = Poles to be Removed A = Anchors GS = Guard Structures
understanding that th	g Aerial Maps, Microsoft Corporation 2012)	Proposed Anchor	Helicopter Landing Zone	 Existing Access Road 	GS = Guard Structures SS = Stringing Sites

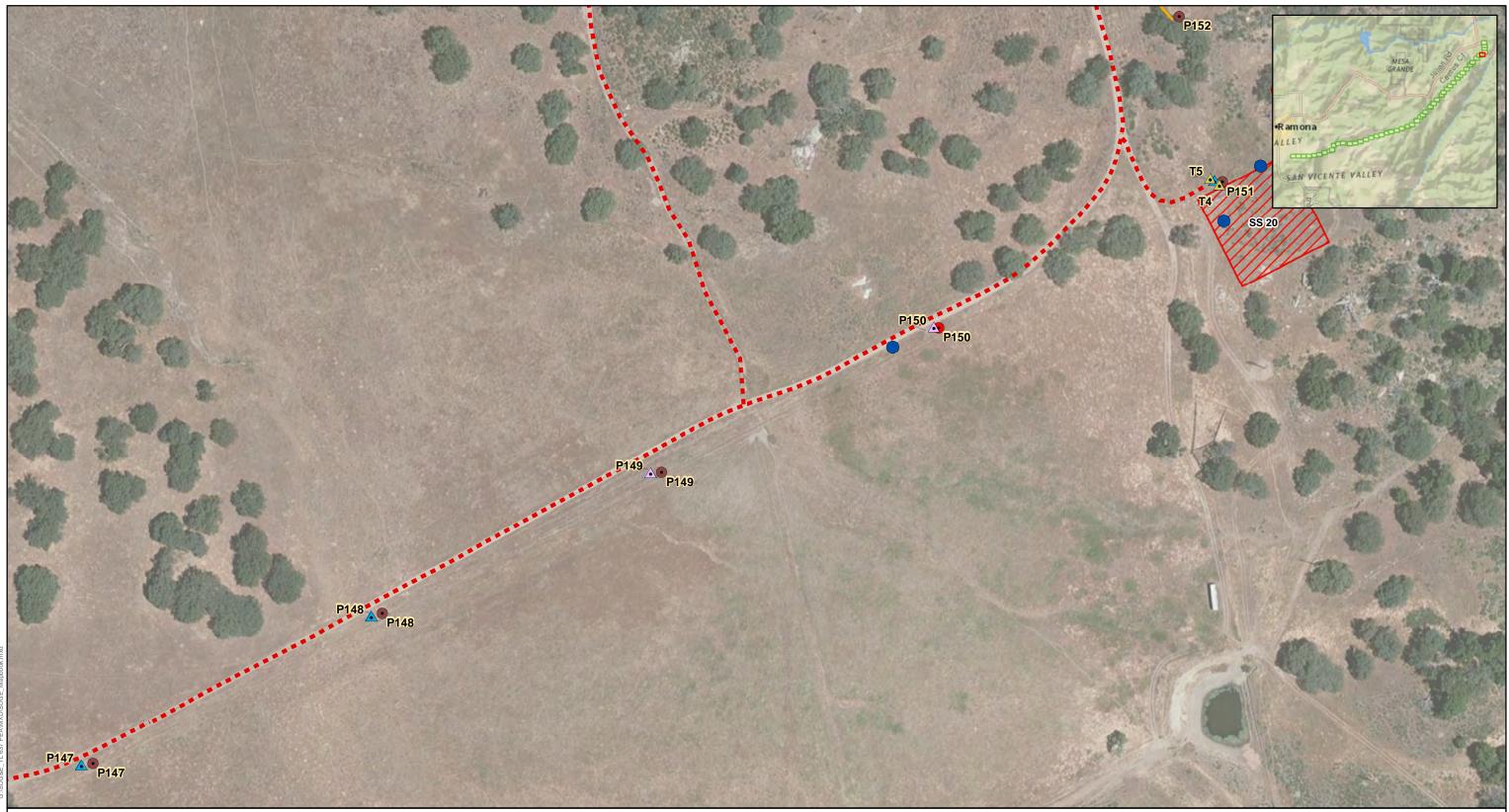
(Sheet 44 of 50)





A Sempra Energy" utility

		Proposed		Existing (To Be Replaced)	
Created For:	Created By:	Micropile Foundation Pole	Proposed Trench	Pole Top Work	P = Power Line Poles
Brad Carter	CTRC	Direct Bury Pole	Proposed Footpath	Steel Pole	D = Distribution Line P
	2/15/2013	 Pole Top Work Temporary Pole 	Proposed Overland Travel	 Remove From Service Top Above Communication 	T = Temporary Poles R = Poles to be Remov
	ng this map with the map is not survey grade.	 Proposed Guard Structure Proposed Anchor 	Staging Yard	Wood Pole Existing Access Road	A = Anchors GS = Guard Structures SS = Stringing Sites
urces: SDG&E ESRI 2012 (Bing /	Aerial Maps, Microsoft Corporation 2012		Turn Around Area		



		Proposed		Existing (To Be Replaced)	
Created For: Brad Carter		 Micropile Foundation Pole Direct Bury Pole 	Proposed Trench Proposed Footpath	Pole Top WorkSteel Pole	P = Power Line Poles D = Distribution Line Poles
	2/15/2013	 Pole Top Work Temporary Pole 	Proposed Overland Travel	 Remove From Service Top Above Communication 	T = Temporary Poles R = Poles to be Removed
	ng this map with the map is not survey grade.	 Proposed Guard Structure Proposed Anchor 	Staging Yard Helicopter Landing Zone	 Wood Pole Existing Access Road 	A = Anchors GS = Guard Structures SS = Stringing Sites
ces: SDG&E ESRI 2012 (Bing A	Aerial Maps, Microsoft Corporation 2012)	Proposed Sled and Block	Turn Around Area		0

(Sheet 46 of 50)





		Proposed		Existing (To Be Replaced)	
Created For: Brad Carter	Created By:	 Micropile Foundation Pole Direct Bury Pole Pole Top Work 	 Proposed Trench Proposed Footpath Proposed Overland Travel 	 Pole Top Work Steel Pole Remove From Service 	P = Power Line Poles D = Distribution Line Poles T = Temporary Poles
SDG&E is providin understanding that the	2/15/2013 ng this map with the map is not survey grade. Aerial Maps, Microsoft Corporation 2012)	 Temporary Pole Proposed Guard Structure Proposed Anchor 	 Stringing Site Staging Yard Helicopter Landing Zone Turn Around Area 	 Top Above Communication Wood Pole Existing Access Road 	R = Poles to be Removed A = Anchors GS = Guard Structures SS = Stringing Sites

(Sheet 47 of 50)





Existing (To Be Replaced) Proposed ▲ Micropile Foundation Pole Proposed Trench • Pole Top Work Created For: Created By: Proposed Footpath ▲ Direct Bury Pole • Steel Pole Brad Carter **CTRC** ----- Proposed Overland Travel A Pole Top Work • Remove From Service Date: 2/15/2013 Stringing Site • Top Above Communication ▲ Temporary Pole Staging Yard Wood Pole SDG&E is providing this map with the understanding that the map is not survey grade. ★ Proposed Guard Structure Existing Access Road • Proposed Anchor Helicopter Landing Zone • Proposed Sled and Block Sources: SDG&E; ESRI 2012 (Bing Aerial Maps, Microsoft Corporation 2012) Turn Around Area

P = Power Line Poles

- D = Distribution Line Poles
- T = Temporary Poles
- R = Poles to be Removed
 - A = Anchors
 - GS = Guard Structures
 - SS = Stringing Sites

Tie-Line 637 Wood-To-Steel Project **Detailed Route Map** Appendix 3-B

(Sheet 48 of 50)





Ysabel SY				A designed of	
		Proposed		Existing (To Be Replaced)	
Created For:	Created By:	Micropile Foundation Pole	Proposed Trench	Pole Top Work	P = Power Line Pole
Brad Carter	CTRC	Direct Bury Pole	Proposed Footpath	Steel Pole	D = Distribution Line
	CINC	A Pole Top Work	Proposed Overland Travel	Remove From Service	T = Temporary Pole
Date:	: 2/15/2013	Temporary Pole	Stringing Site	 Top Above Communication 	R = Poles to be Rer
	ing this map with the	★ Proposed Guard Structure	Staging Yard	Wood Pole	A = Anchors GS = Guard Structu
understanding that the	e map is not survey grade.	Proposed Anchor	Belicopter Landing Zone	Existing Access Road	SS = Stringing Sites
rces: SDG&E ESRI 2012 (Bing	Aerial Maps, Microsoft Corporation 201	²⁾ • Proposed Sled and Block	Turn Around Area		gg.

Appendix 3-B

(Sheet 49 of 50)



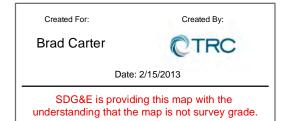


		Proposed		Existing (To Be Replaced)	
Created For: Brad Carter	Created By:	 Micropile Foundation Pole Direct Bury Pole Pole Top Work 	 Proposed Trench Proposed Footpath Proposed Overland Travel 	 Pole Top Work Steel Pole Remove From Service 	P = Power Line Poles D = Distribution Line Poles T = Temporary Poles
Date:	2/15/2013	 Temporary Pole 	Stringing Site	 Top Above Communication 	R = Poles to be Removed A = Anchors
	ng this map with the map is not survey grade.	 Proposed Guard Structure Proposed Anchor 	Staging Yard Helicopter Landing Zone	 Wood Pole Existing Access Road 	GS = Guard Structures SS = Stringing Sites
es: SDG&E ESRI 2012 (Bing	Aerial Maps, Microsoft Corporation 2012)	Proposed Sled and Block	Turn Around Area		0

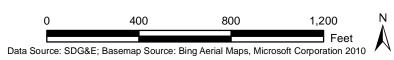
(Sheet 50 of 50)





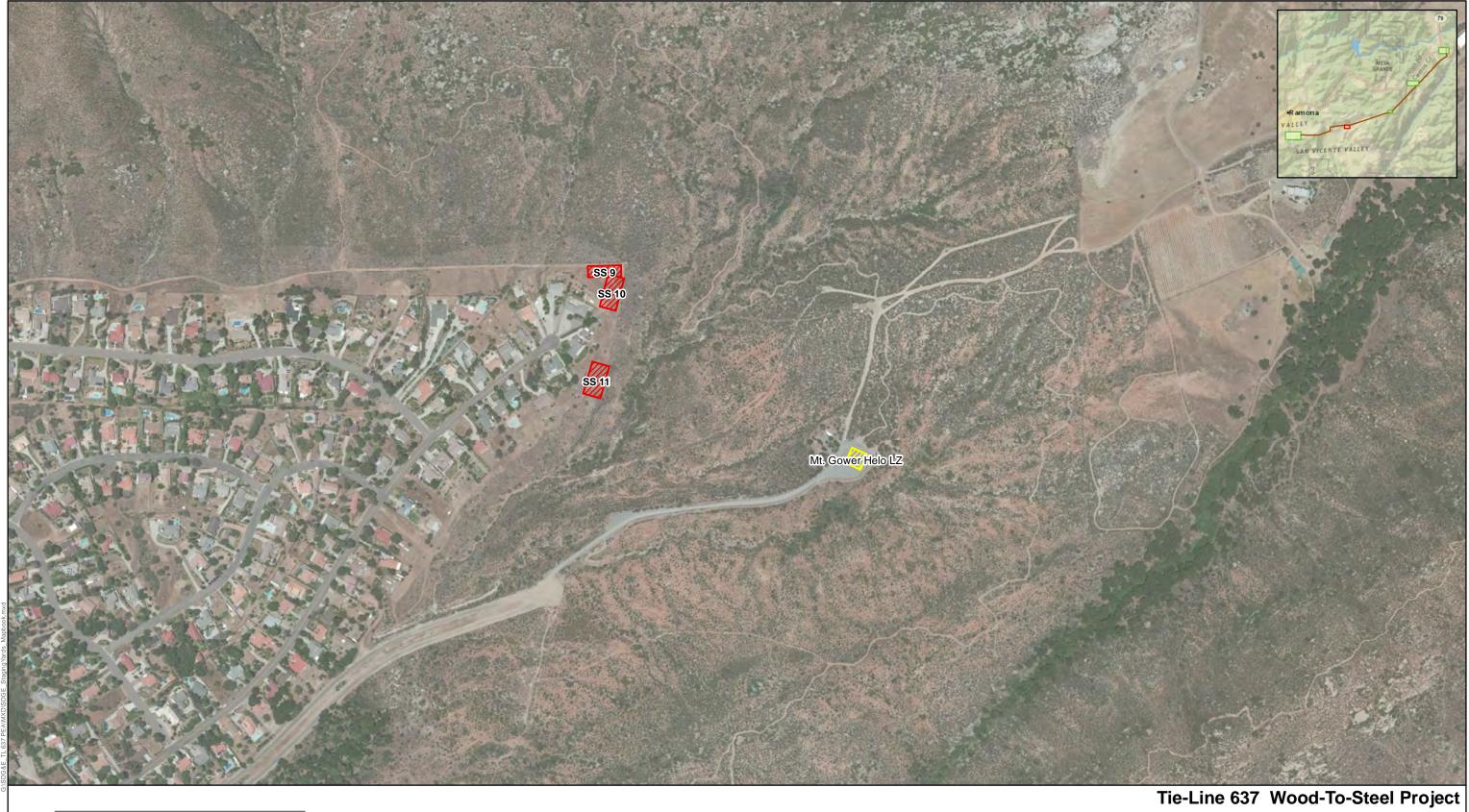


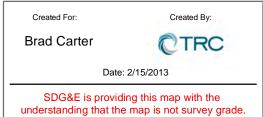




Tie-Line 637 Wood-To-Steel Project Detailed Route Map (Staging Yards and Helicopter Landing Zones) (Sheet 1 of 5) Appendix 3-B 1,200







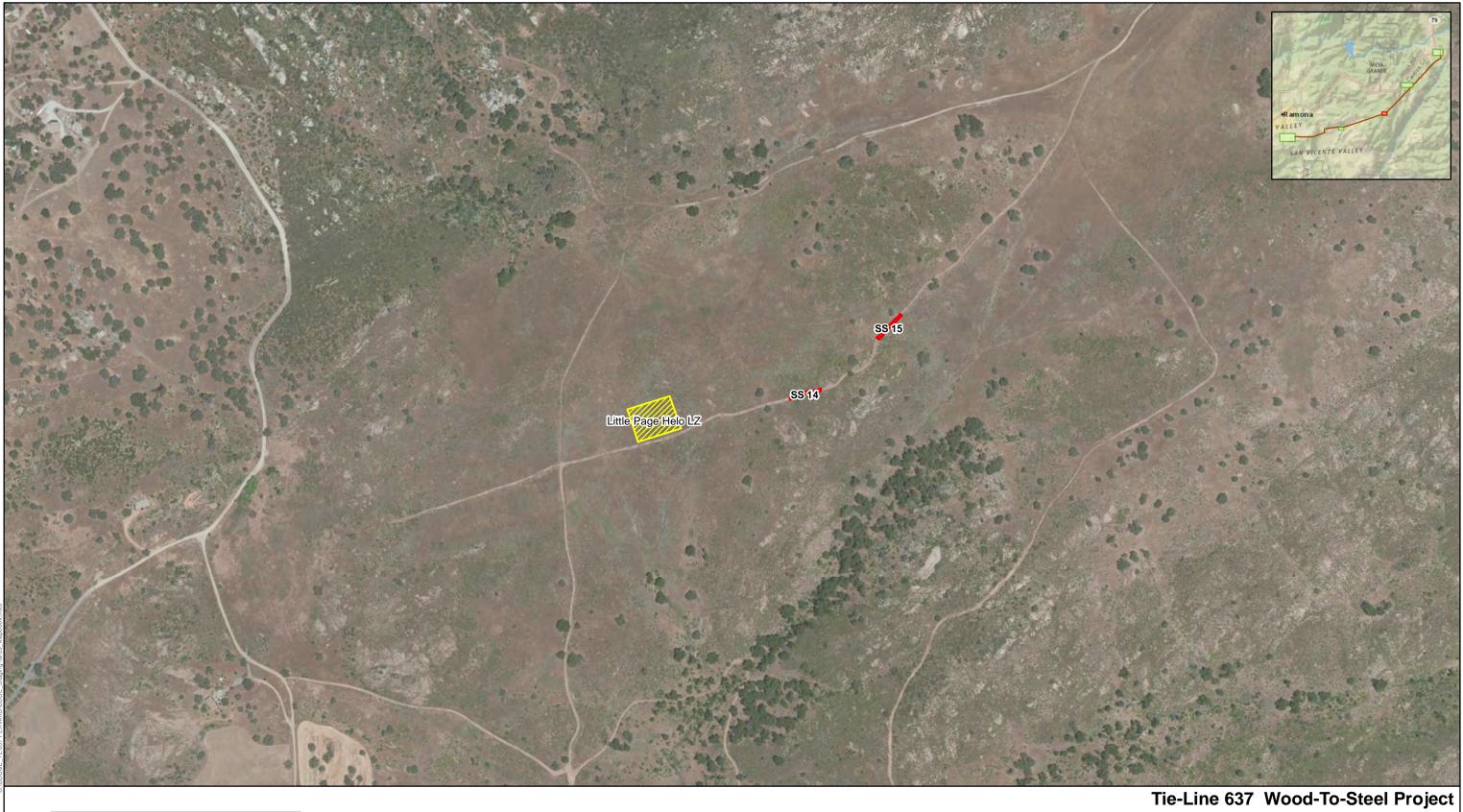


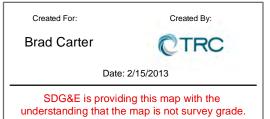


Detailed Route Map (Staging Yards and Helicopter Landing Zones) (Sheet 2 of 5) Appendix 3-B

1,200









Helicopter Landing Zone

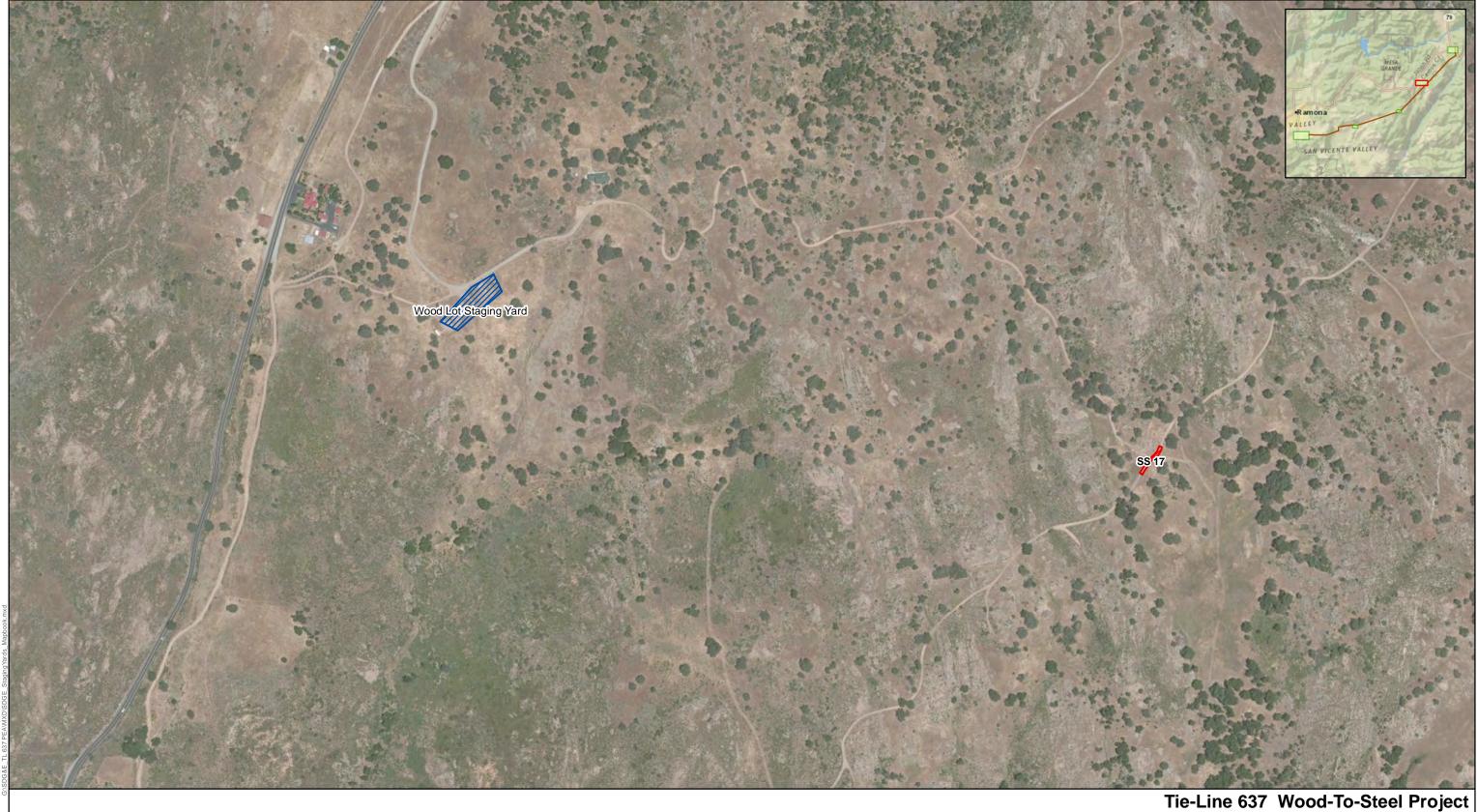
Detailed Route Map (Staging Yards and Helicopter Landing Zones)

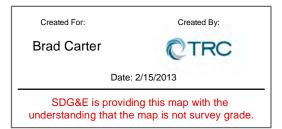
(Sheet 3 of 5) Appendix 3-B



Data Source: SDG&E; Basemap Source: Bing Aerial Maps, Microsoft Corporation 2010

1,200







Helicopter Landing Zone

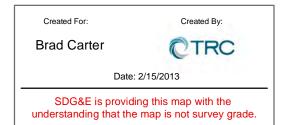
Detailed Route Map (Staging Yards and Helicopter Landing Zones) (Sheet 4 of 5) Appendix 3-B

1,200

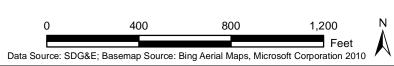


Data Source: SDG&E; Basemap Source: Bing Aerial Maps, Microsoft Corporation 2010









Tie-Line 637 Wood-To-Steel Project **Detailed Route Map** (Staging Yards and Helicopter Landing Zones) (Sheet 5 of 5) Appendix 3-B 1,200

