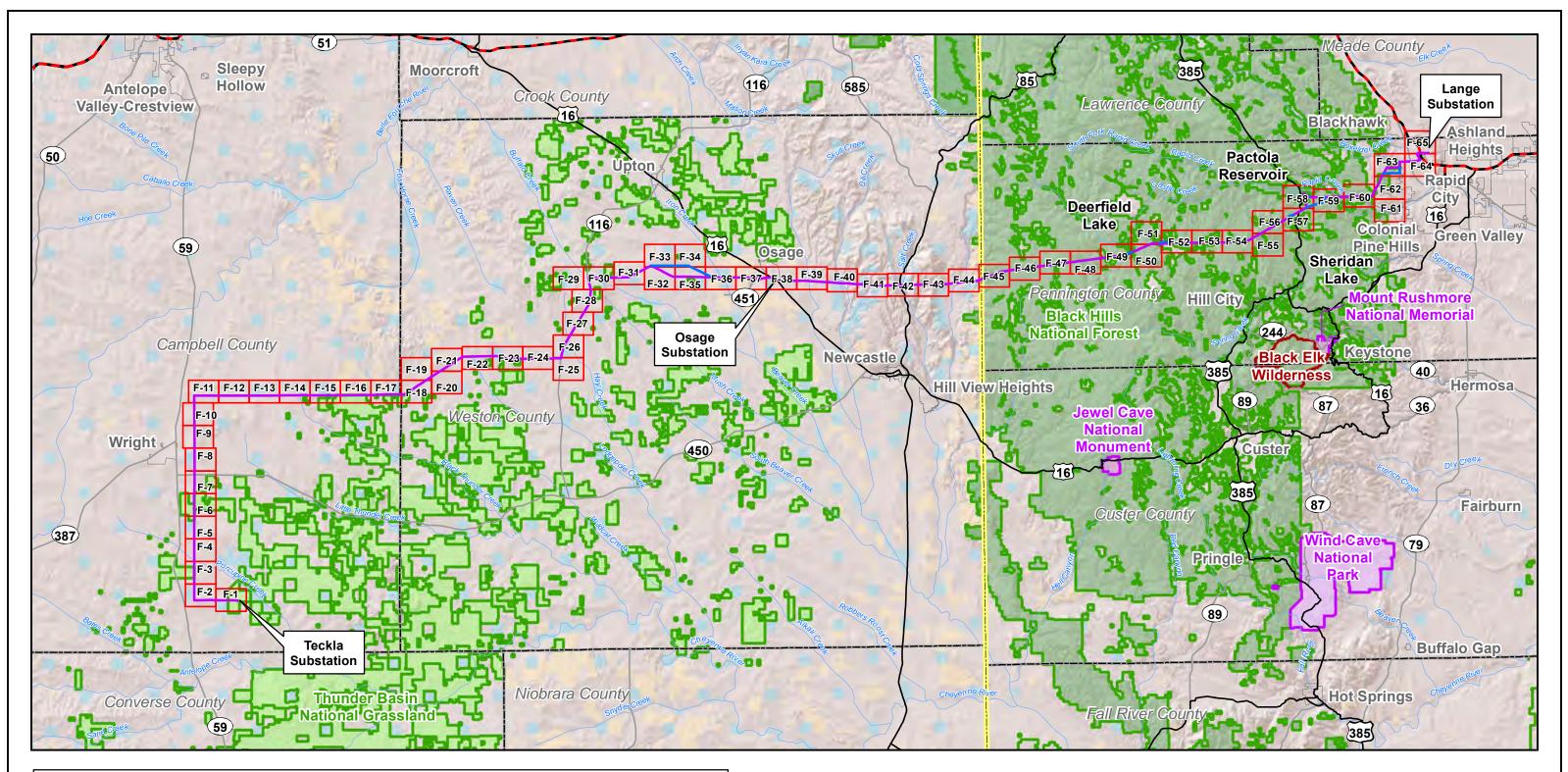
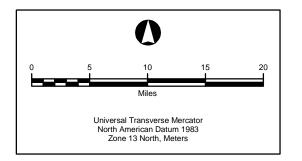
APPENDIX F

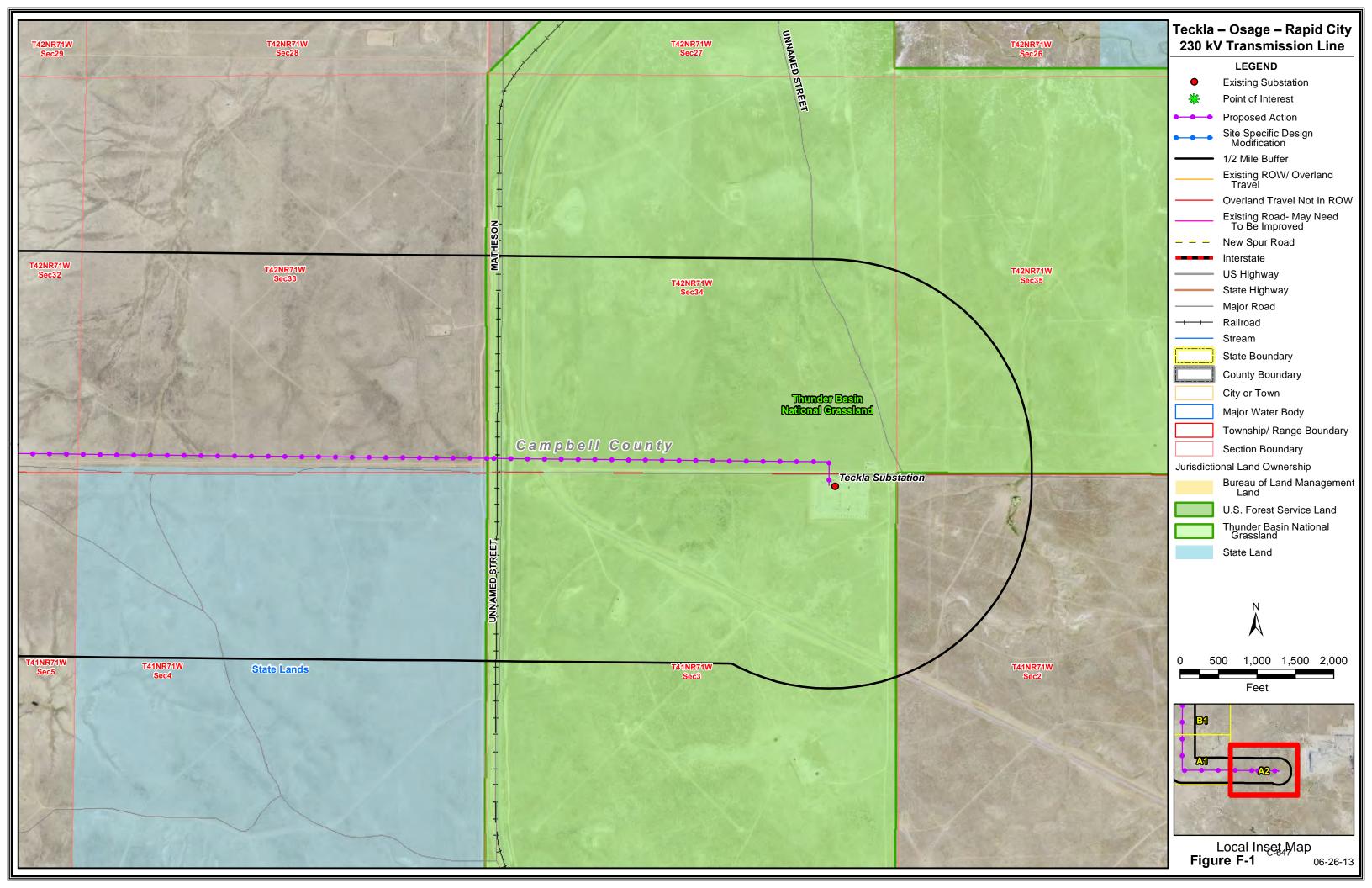
MAPS OF PROPOSED PROJECT AND ALTERNATIVES

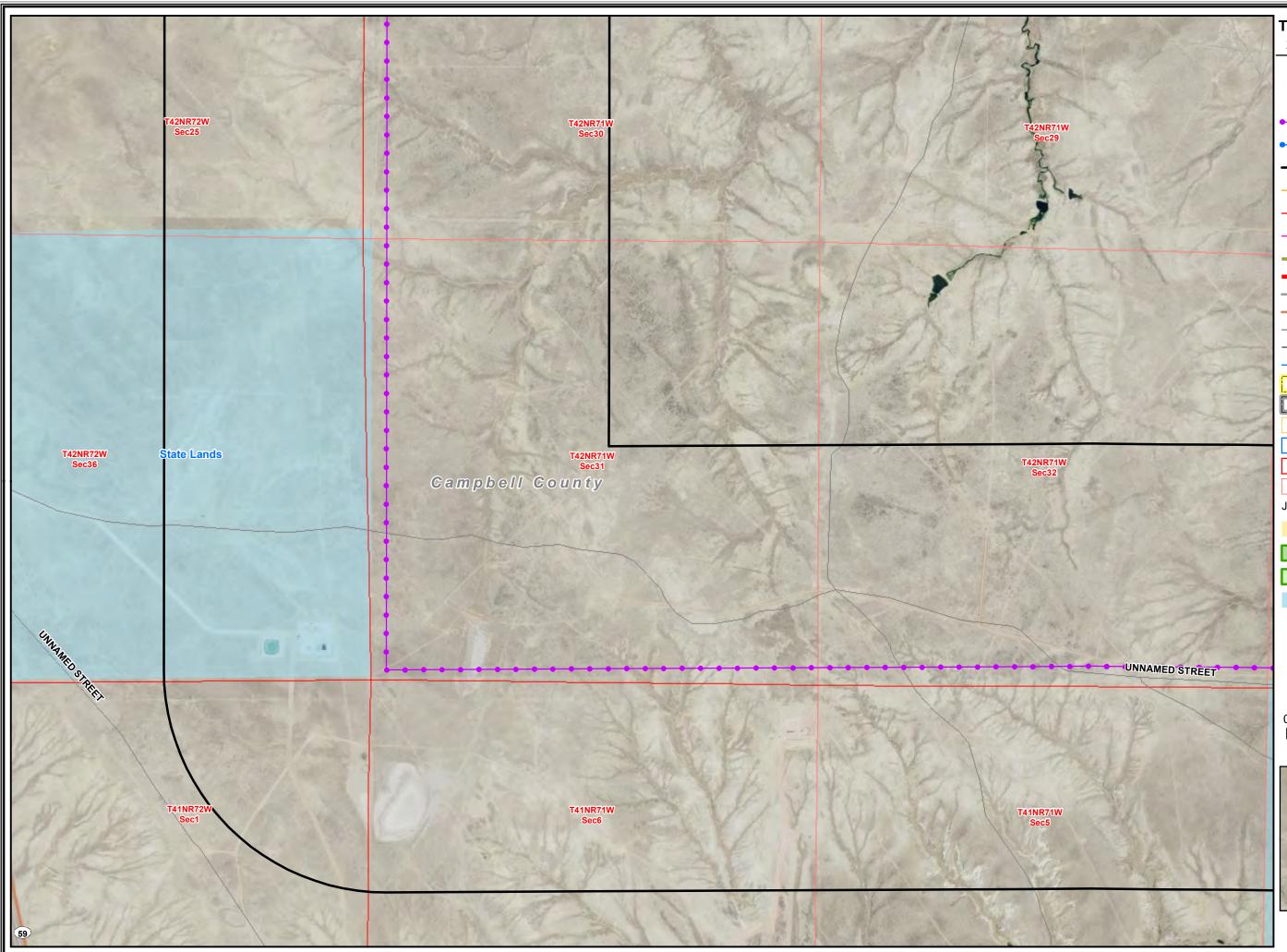




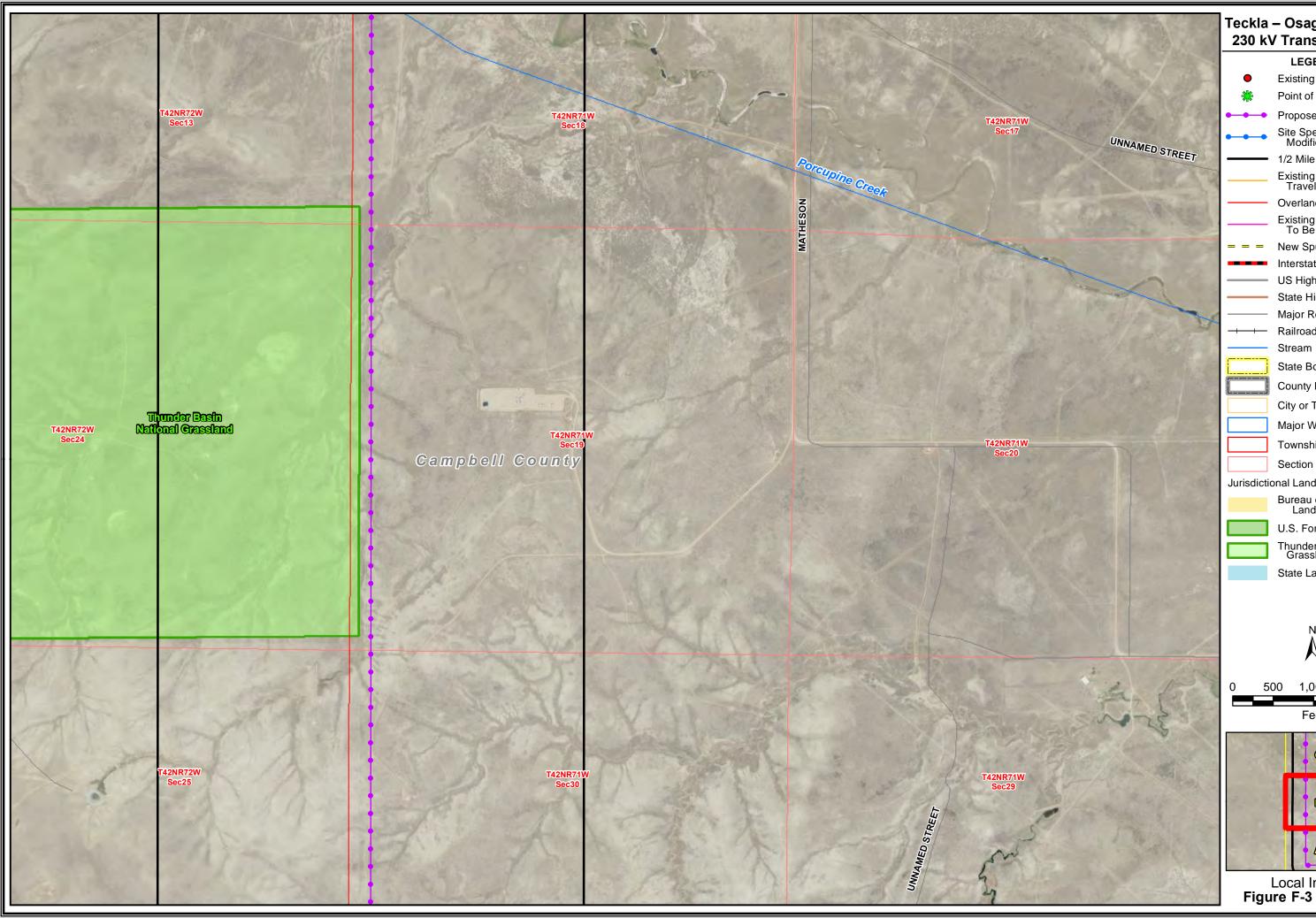


Teckla – Osage – Rapid City 230 kV Transmission Line		
APPENDIX F MAPBOOK KEY		
Map Extent: South Dakota and Wyoming		
Date: 06-26-13		Author: djb
R:\Projects\SD-WY\Mapbook Key_062613		
K. (FIUJECIS (SD-1		

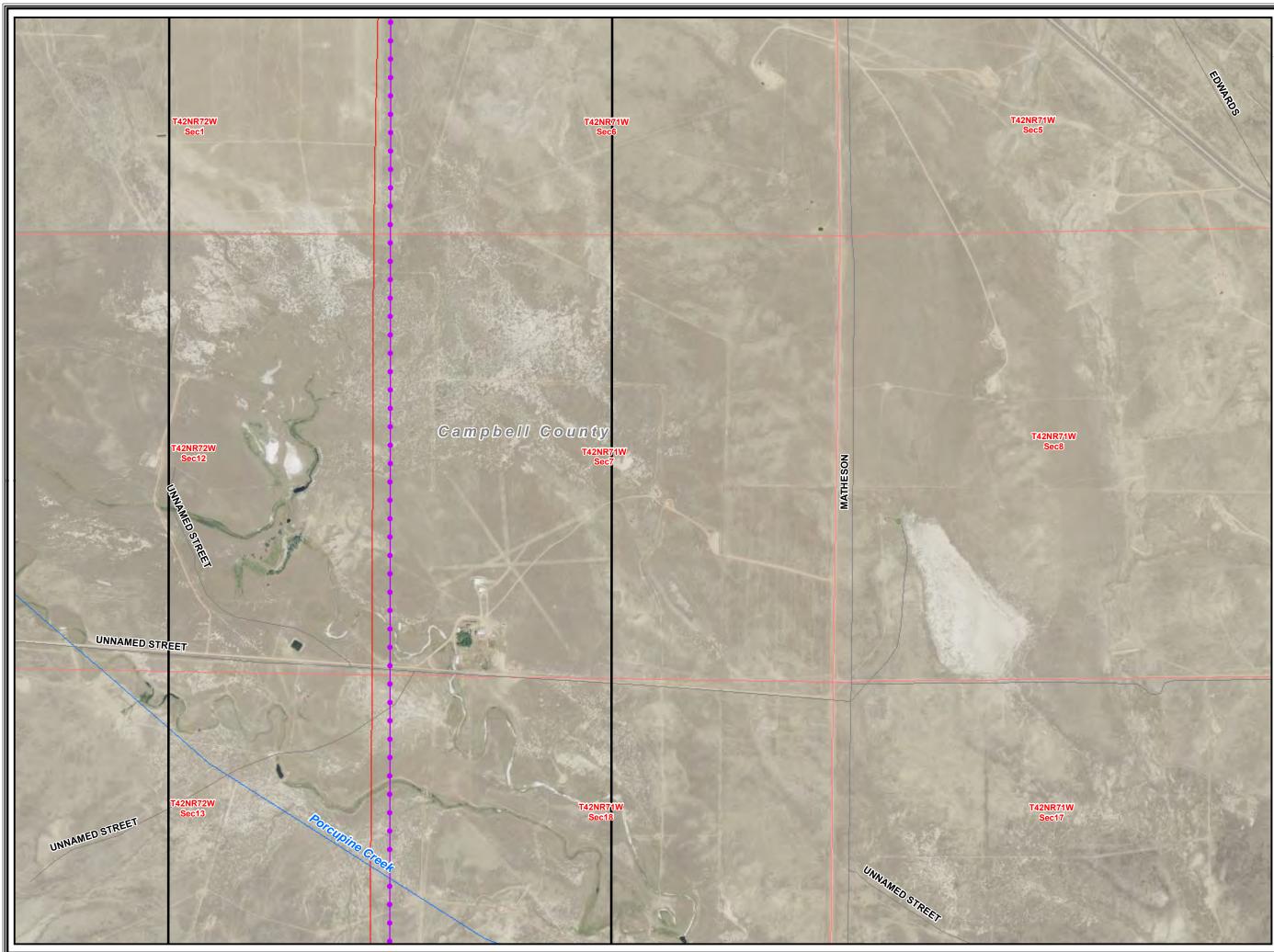




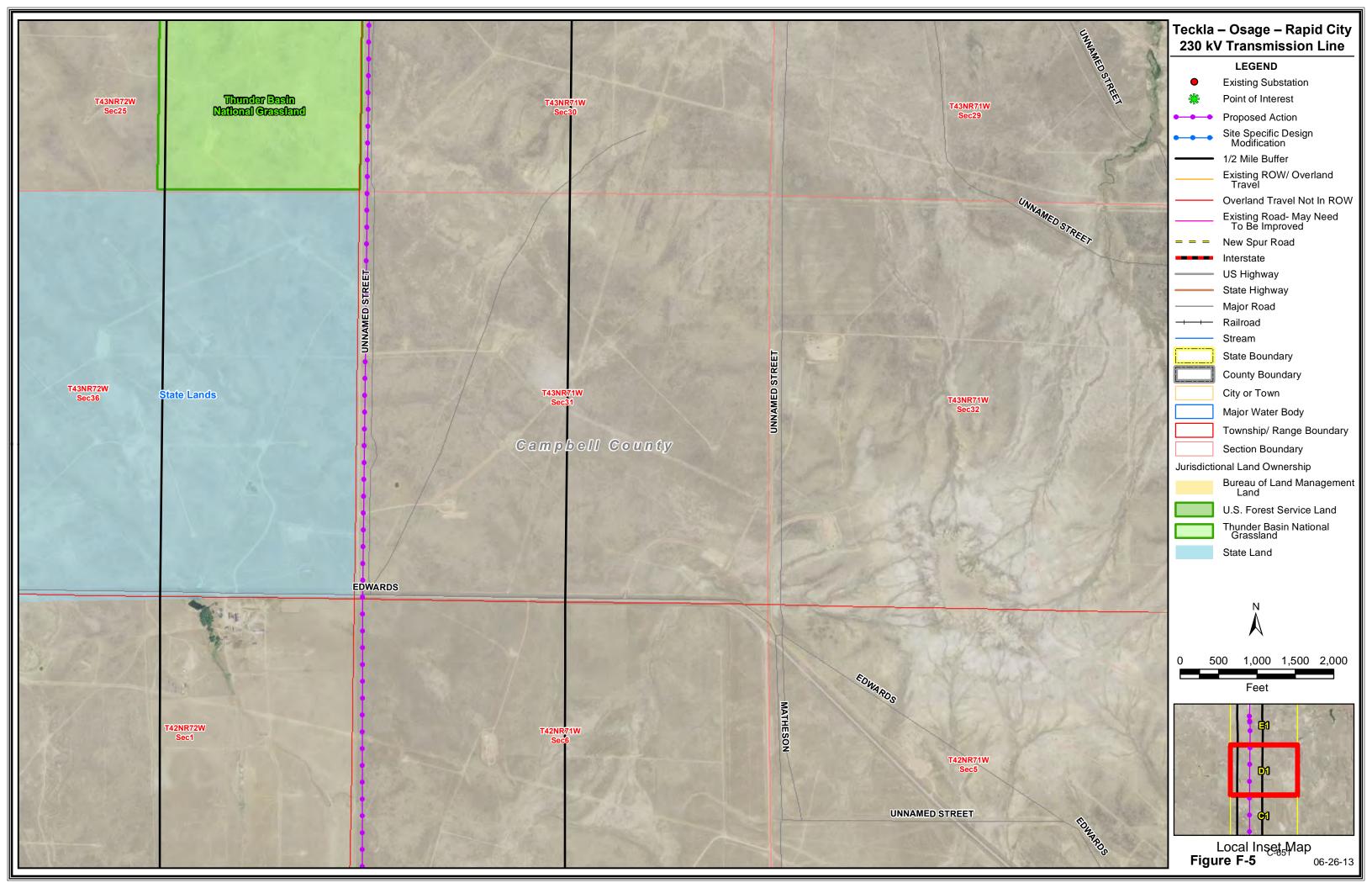
	LEGEND
	Existing Substation
*	Point of Interest
• • •	Proposed Action
• • •	Site Specific Design Modification
	1/2 Mile Buffer
	Existing ROW/ Overland Travel
	Overland Travel Not In ROW
	Existing Road- May Need To Be Improved
	New Spur Road
	Interstate
	US Highway
	State Highway
	Major Road
-++	Railroad
	Stream
	State Boundary
	County Boundary
	City or Town
	Major Water Body
	Township/ Range Boundary
	Section Boundary
Jurisdictio	onal Land Ownership
Gundalou	Bureau of Land Management
	Land
	U.S. Forest Service Land
	Thunder Basin National Grassland
	State Land
	Ν
	$\mathbf{\Lambda}$
0 5	00 1,000 1,500 2,000
	Feet
2	
	AT
152	A2
A REAL PROPERTY AND A REAL	
	an and a second
Sec. 1	
Ei.a	Local Inset Map
Figu	ire F-2 06-26-13

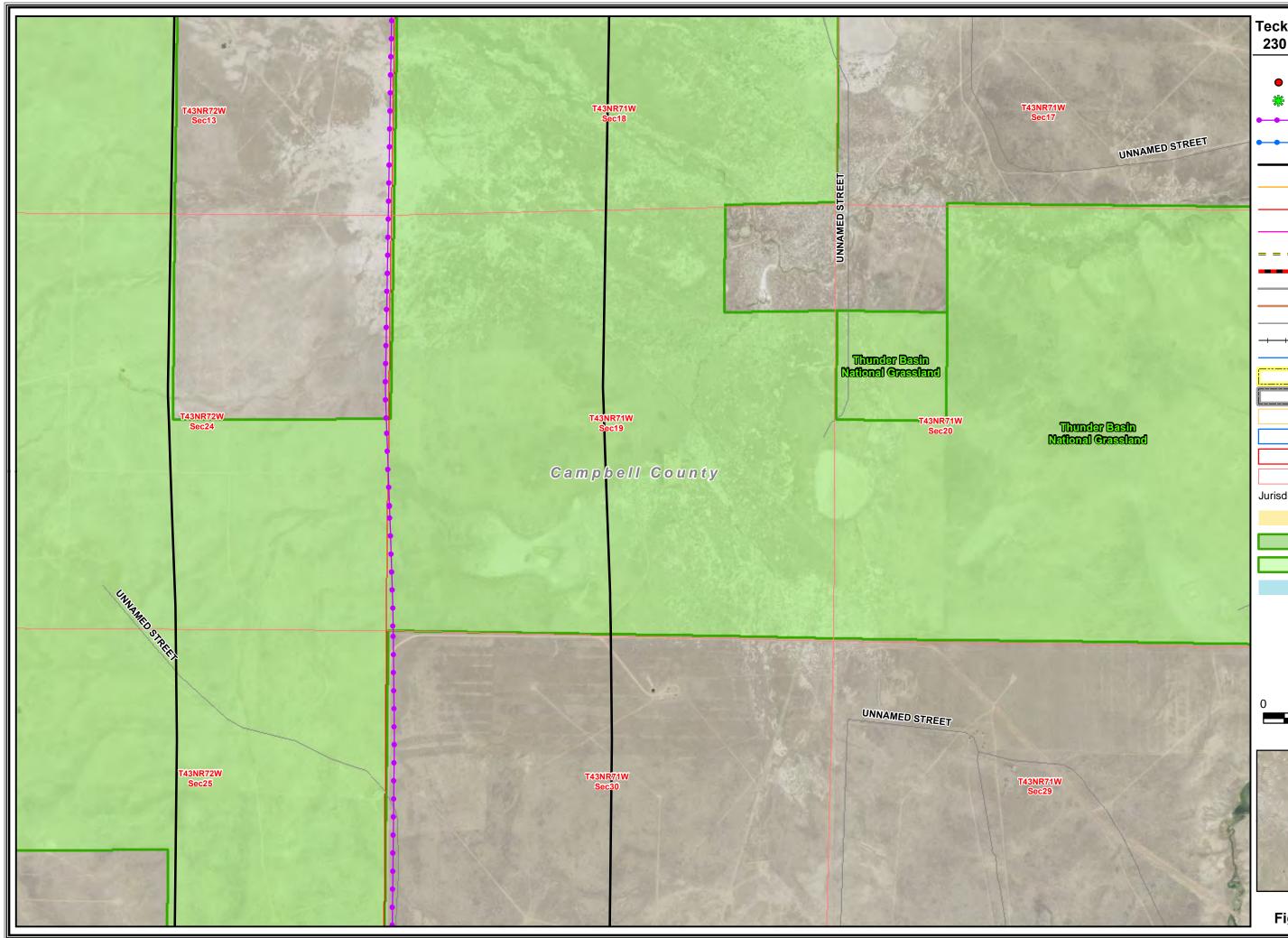


200 K		
	LEGEND	
—	Existing Substation	
*	Point of Interest	
• • •	Proposed Action	
• • •	Site Specific Design Modification	
	1/2 Mile Buffer	
	Existing ROW/ Overland Travel	
	Overland Travel Not In ROW	
	Existing Road- May Need To Be Improved	
	New Spur Road	
	Interstate	
	US Highway	
	State Highway	
	Major Road	
	Railroad	
	Stream	
	State Boundary	
	County Boundary	
	City or Town	
	Major Water Body	
	Township/ Range Boundary	
	Section Boundary	
lurisdictic	onal Land Ownership	
Junsaidud	Bureau of Land Management	
	Land	
	U.S. Forest Service Land	
	Thunder Basin National Grassland	
	State Land	
	Slate Lanu	
	N A	
	\wedge	
0 50	00 1,000 1,500 2,000	
	Feet	
	1001	
1.0-3		
300	ି କା	
	A CONTRACTOR	
÷	B	
-	A9	
2 23		
-	Local Inset Map	
Figu	re F-3 06-26-13	

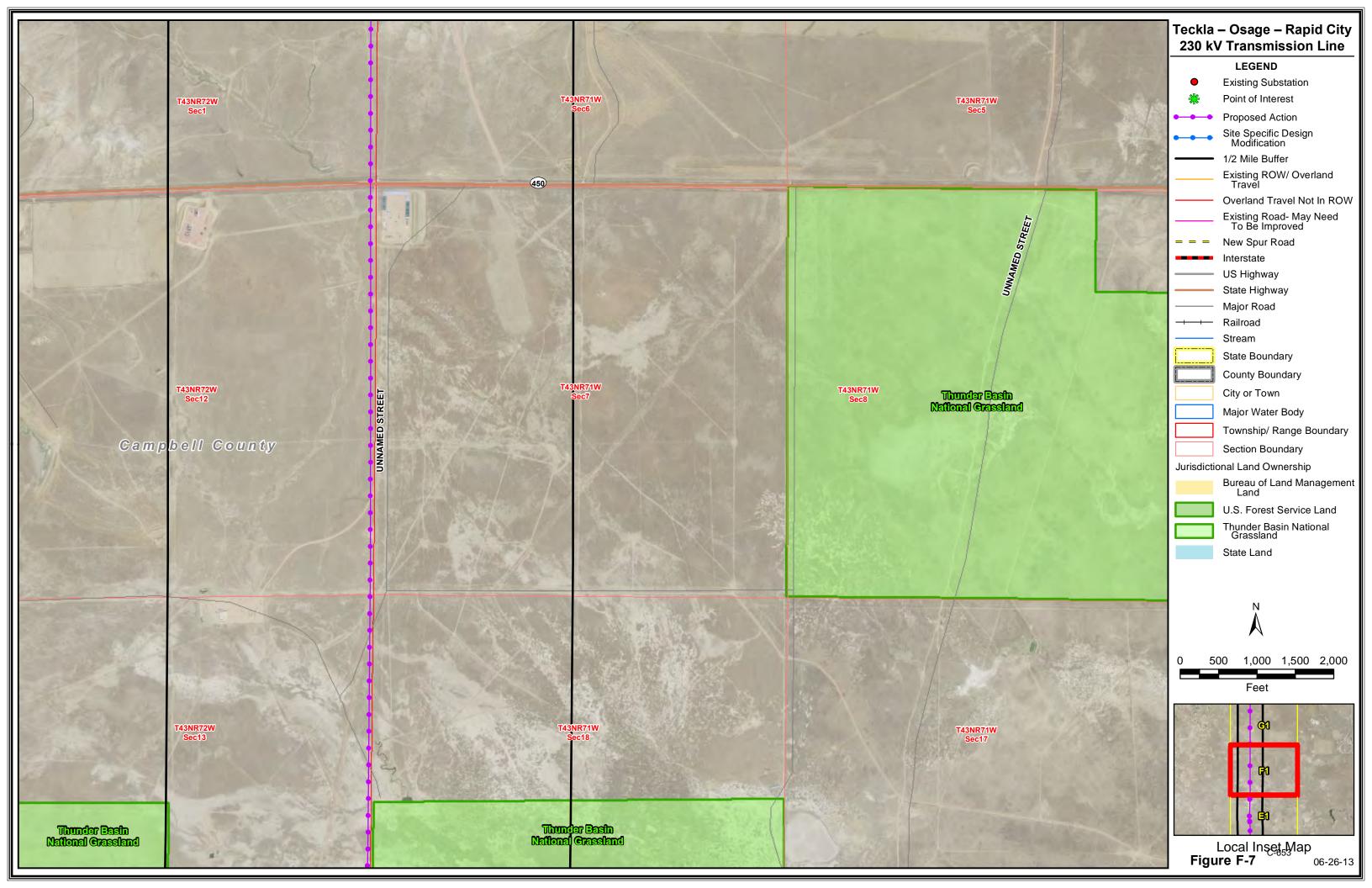


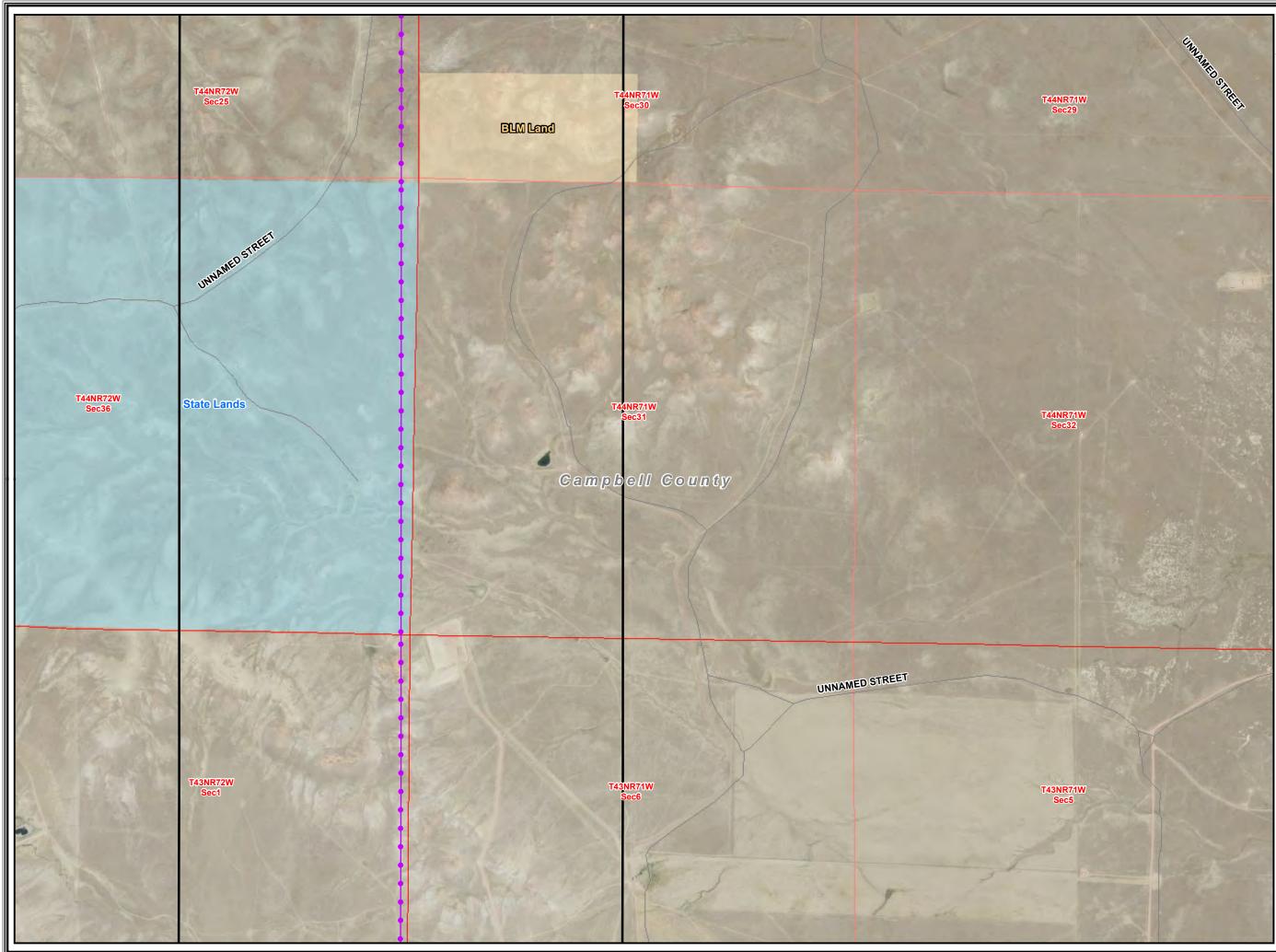
200 10	Tranomicolo	
-	LEGEND	
	Existing Substation	1
*	Point of Interest	
••••	Proposed Action	
••	Site Specific Desig Modification	n
	1/2 Mile Buffer	
	Existing ROW/ Ove Travel	erland
	Overland Travel N	ot In ROW
	Existing Road- Ma To Be Improved	y Need
	New Spur Road	
	Interstate	
	US Highway	
	State Highway	
	Major Road	
	Railroad	
	Stream	
	State Boundary	
	County Boundary	
	City or Town	
	Major Water Body	
	Township/ Range I	Boundary
	Section Boundary	
	onal Land Ownershi	^
Juniourout	Bureau of Land Ma	
		-
	U.S. Forest Service	
	Thunder Basin Nat Grassland	llonai
	State Land	
	N	
	\mathbf{A}	
0 50	00 1,000 1,500	2,000
	Faat	
	Feet	
DI		
10 4.1		A. M. M.
2-14		2-20 L
1-2-25	଼ କୀ	A States
		1.00
pro a	• 🕅	and the second
		Line Carry 11
Figu	Local Ins <u>e</u> t ₅ Mar re F-4	06-26-13
i igu		00-20-13



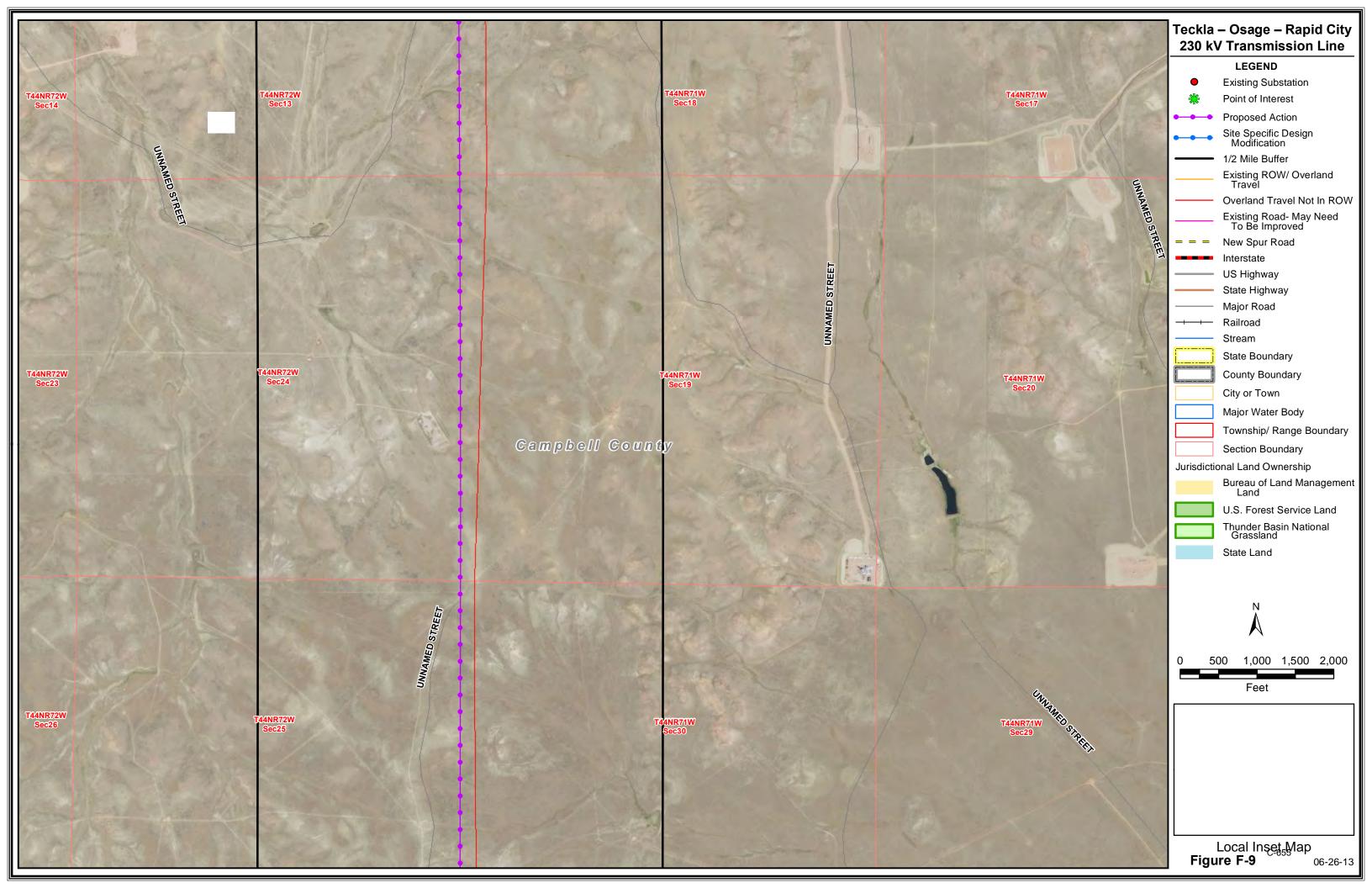


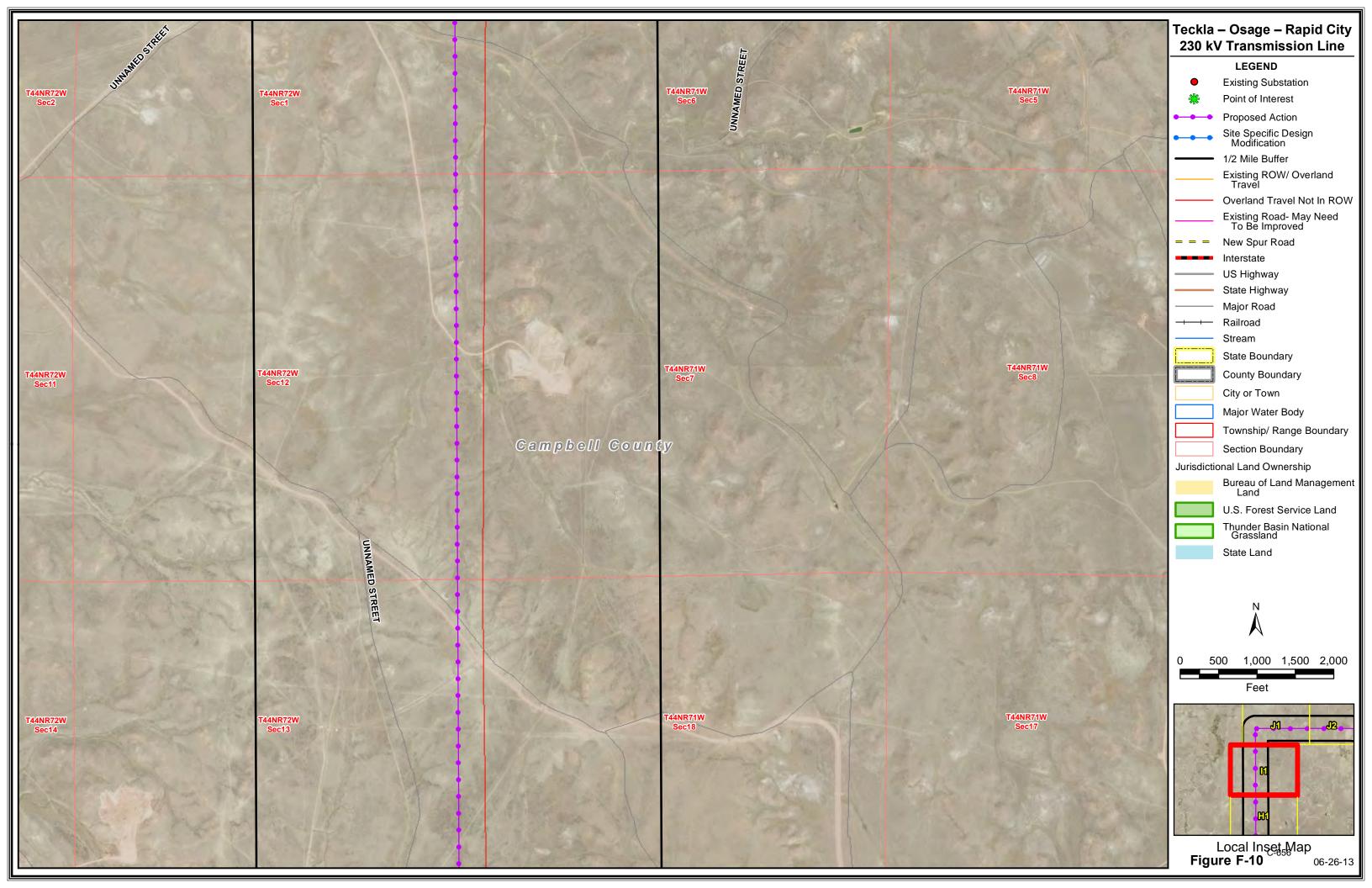
•		
• ••	Existing Substation	
*	Point of Interest	
• • •	Proposed Action	
• • •	Site Specific Design Modification	
	1/2 Mile Buffer	
	Existing ROW/ Overland Travel	
	Overland Travel Not In R	ow
	Existing Road- May Need To Be Improved	b
	New Spur Road	
	Interstate	
	US Highway	
	State Highway	
	Major Road	
	Railroad	
	Stream	
	State Boundary	
	County Boundary	
	City or Town	
	Major Water Body	
	Township/ Range Bound	ary
	Section Boundary	
Jurisdictio	onal Land Ownership	
bunbulou	Bureau of Land Manager	ment
	U.S. Forest Service Land	J
	Thunder Basin National	4
	Grassland	
	State Land	
	N A	
	\bigwedge	
	/ \	
0 50	00 1,000 1,500 2,0	00
	Feet	
COLUMN TWO IS NOT	1 001	
		2
		12
the grant of		
1 the second	B	- Is
7. 25		
Read		-
1.	• •	24
		-
Figu	Local Ins <u>et</u> ,Map I re F-6 06-2	6-13
iyu	Ire F-6 06-2	0-13

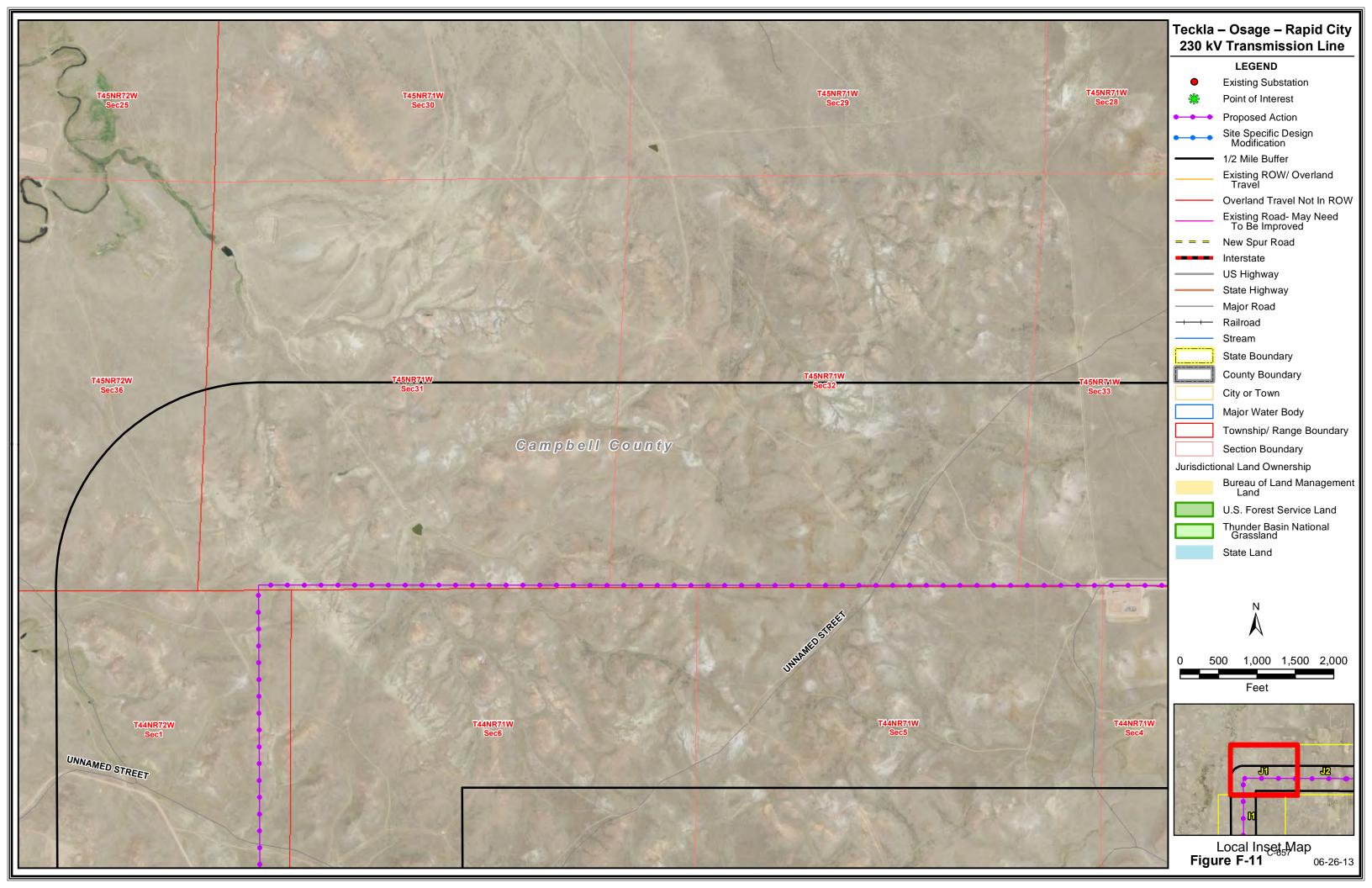


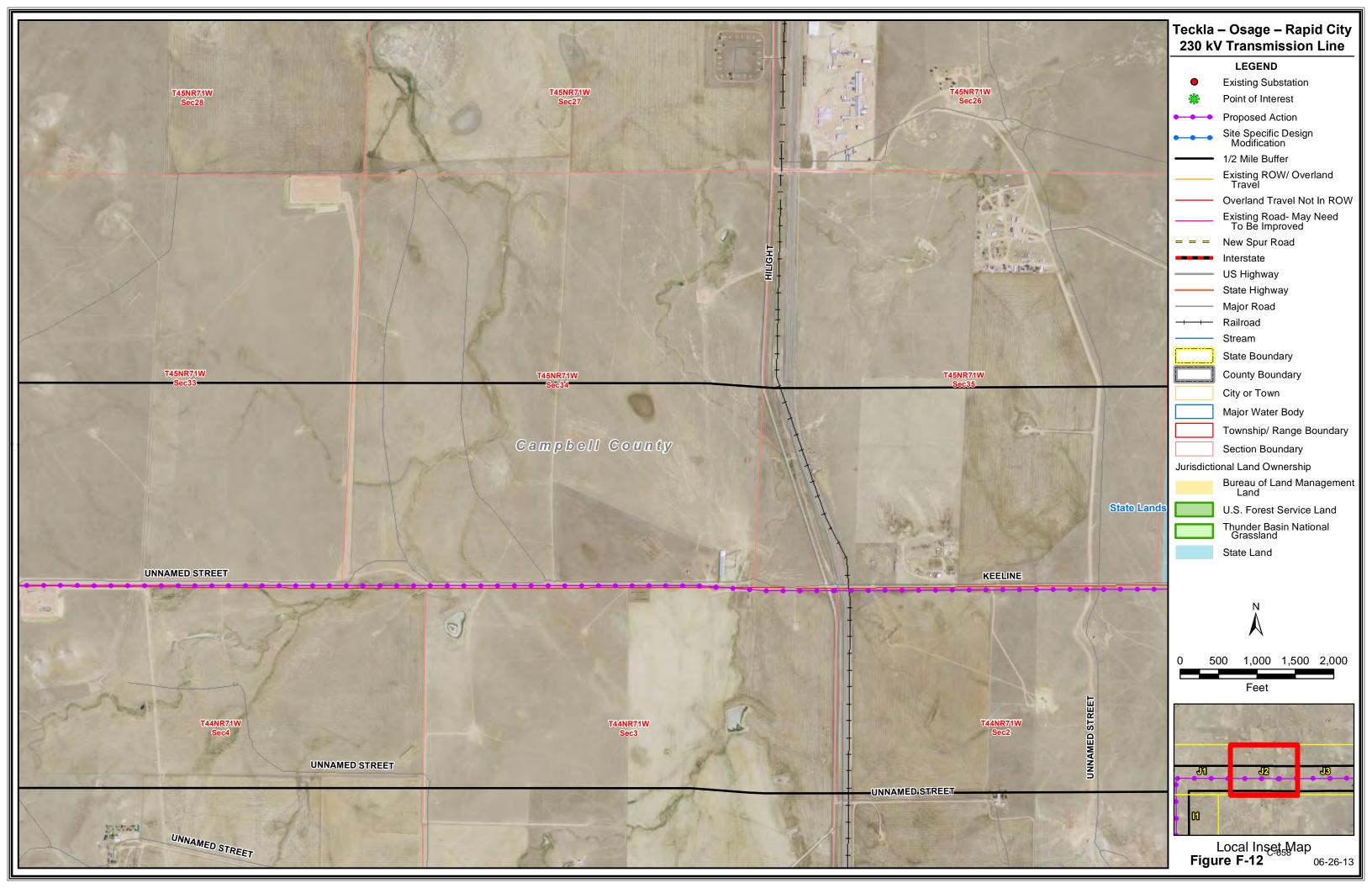


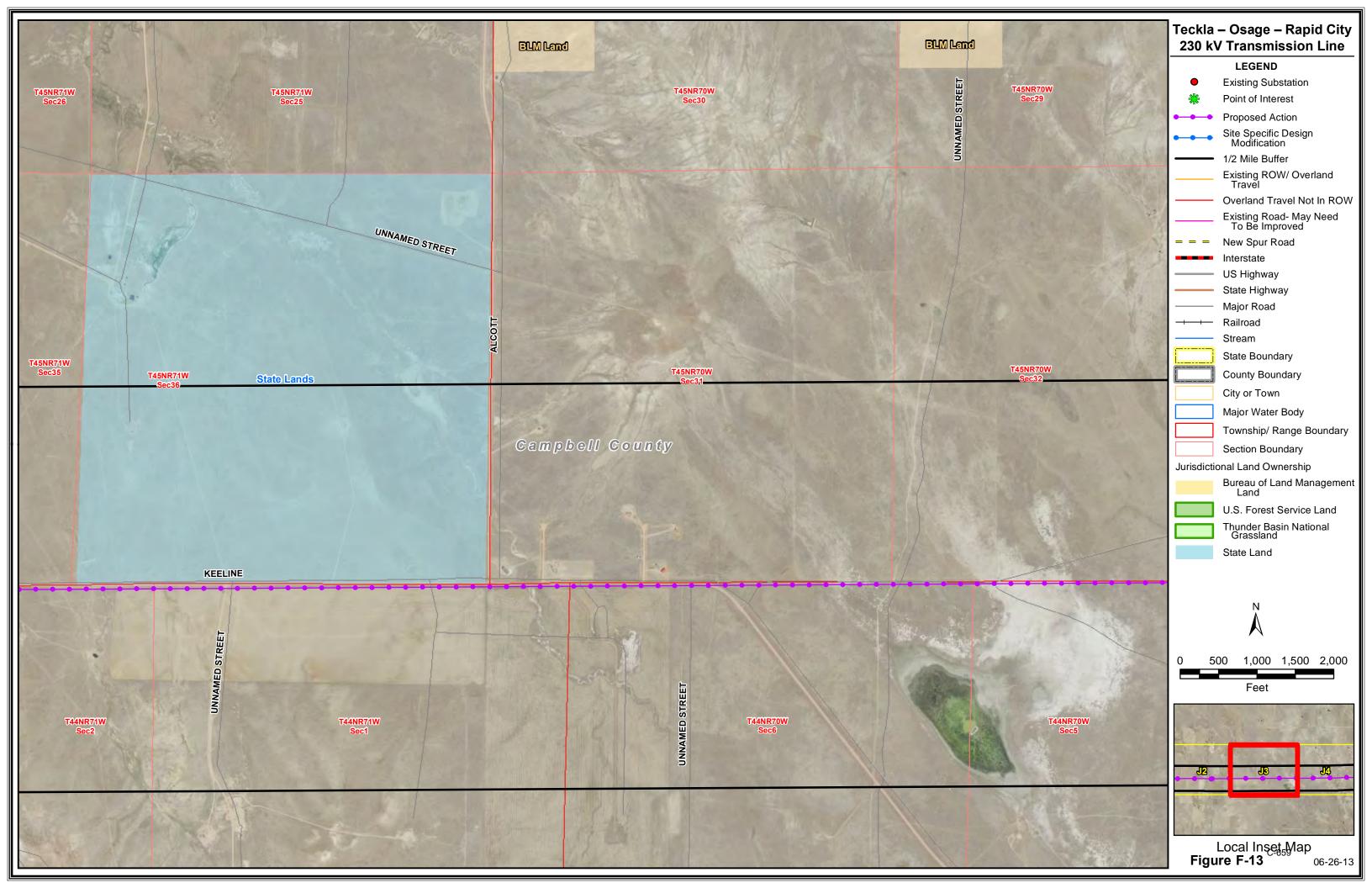
200 11	
_	LEGEND
	Existing Substation
*	Point of Interest
• • •	Proposed Action
• • •	Site Specific Design Modification
	1/2 Mile Buffer
	Existing ROW/ Overland Travel
	Overland Travel Not In ROW
	Existing Road- May Need To Be Improved
	New Spur Road
	Interstate
	US Highway
	State Highway
	Major Road
	Railroad
	Stream
	State Boundary
	County Boundary
	City or Town
	Major Water Body
	Township/ Range Boundary
	Section Boundary
luriodiotic	-
Junsaicut	onal Land Ownership Bureau of Land Management
	Land
	U.S. Forest Service Land
	Thunder Basin National
	Grassland
	State Land
	N
0 50	00 1,000 1,500 2,000
	Feet
1 1 1	and the second s
+	in the second
S and the	
	State of the second second
E MAN	ିକ
A CONTRACT	
	• 61
	Local Ins <u>et</u> Map
Fiqu	re F-8 06-26-13
0	

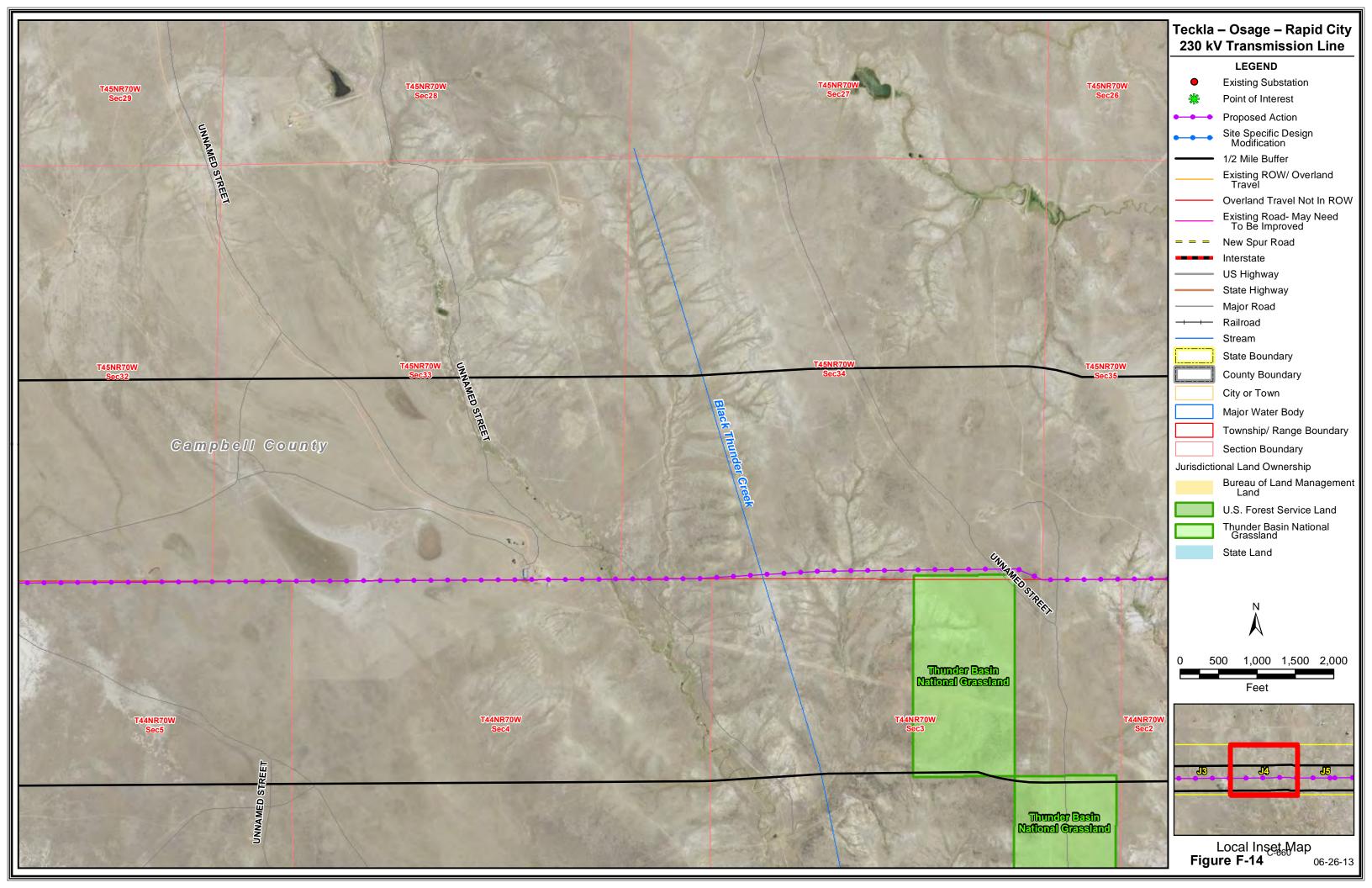


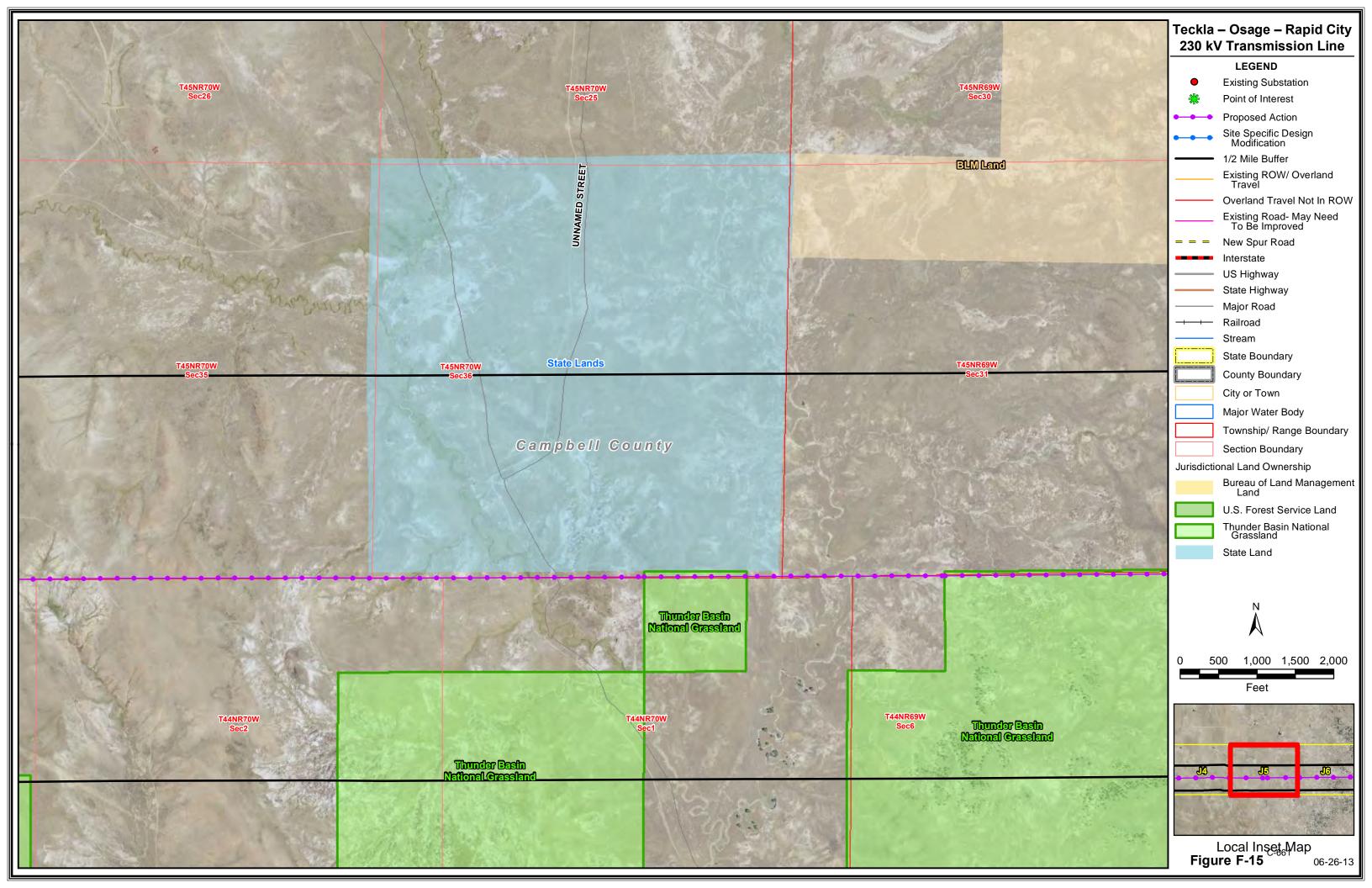


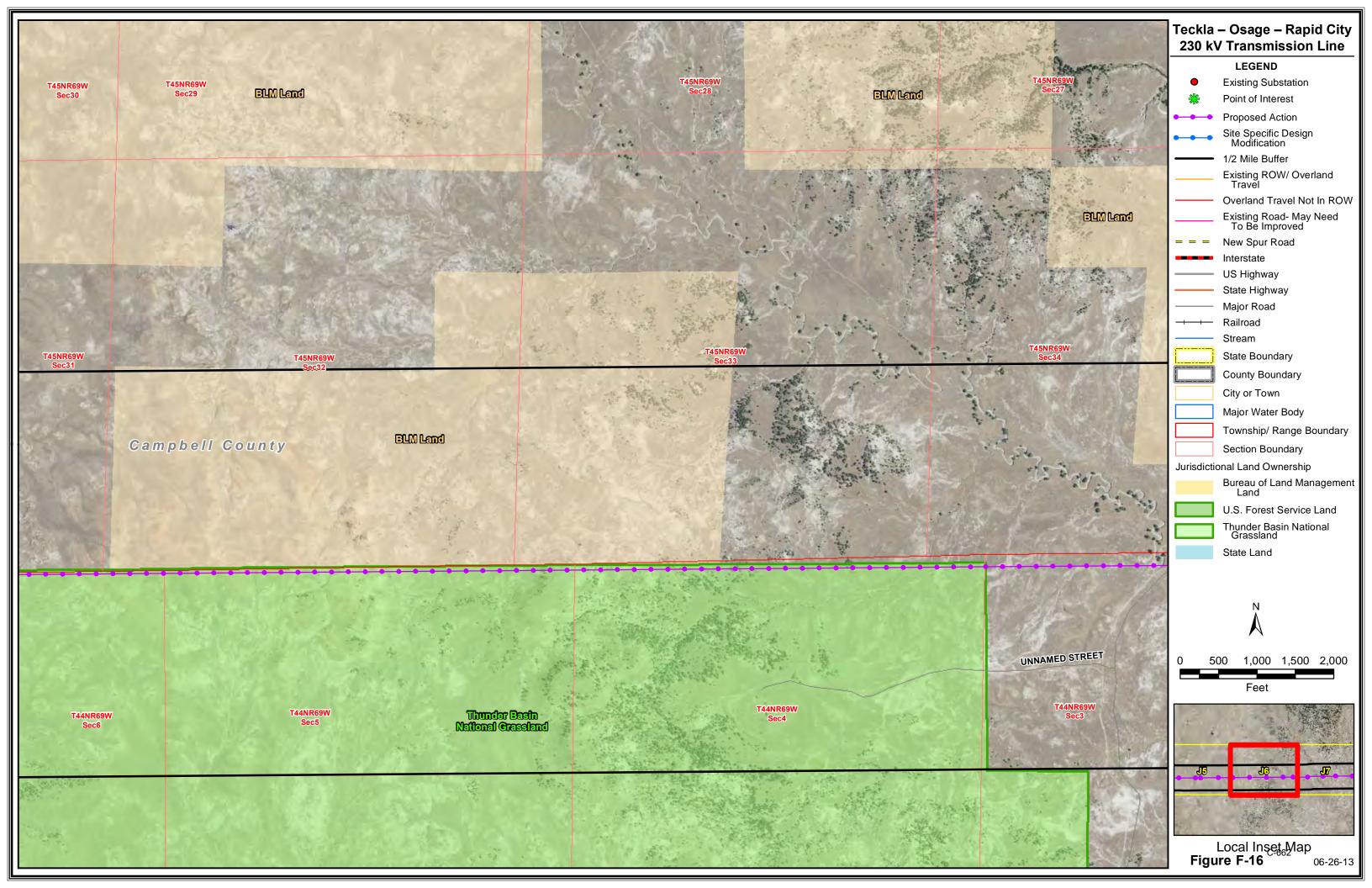


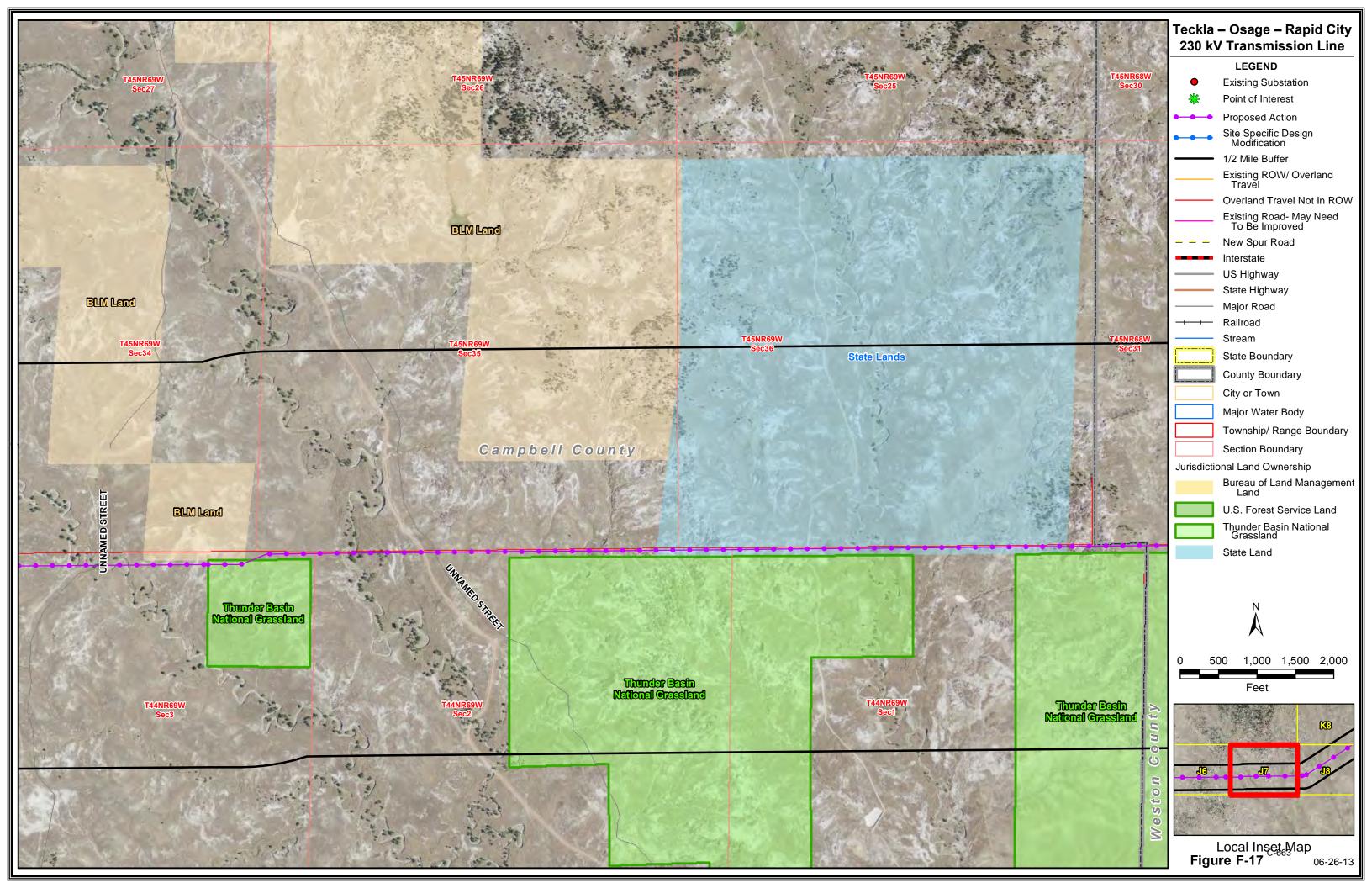


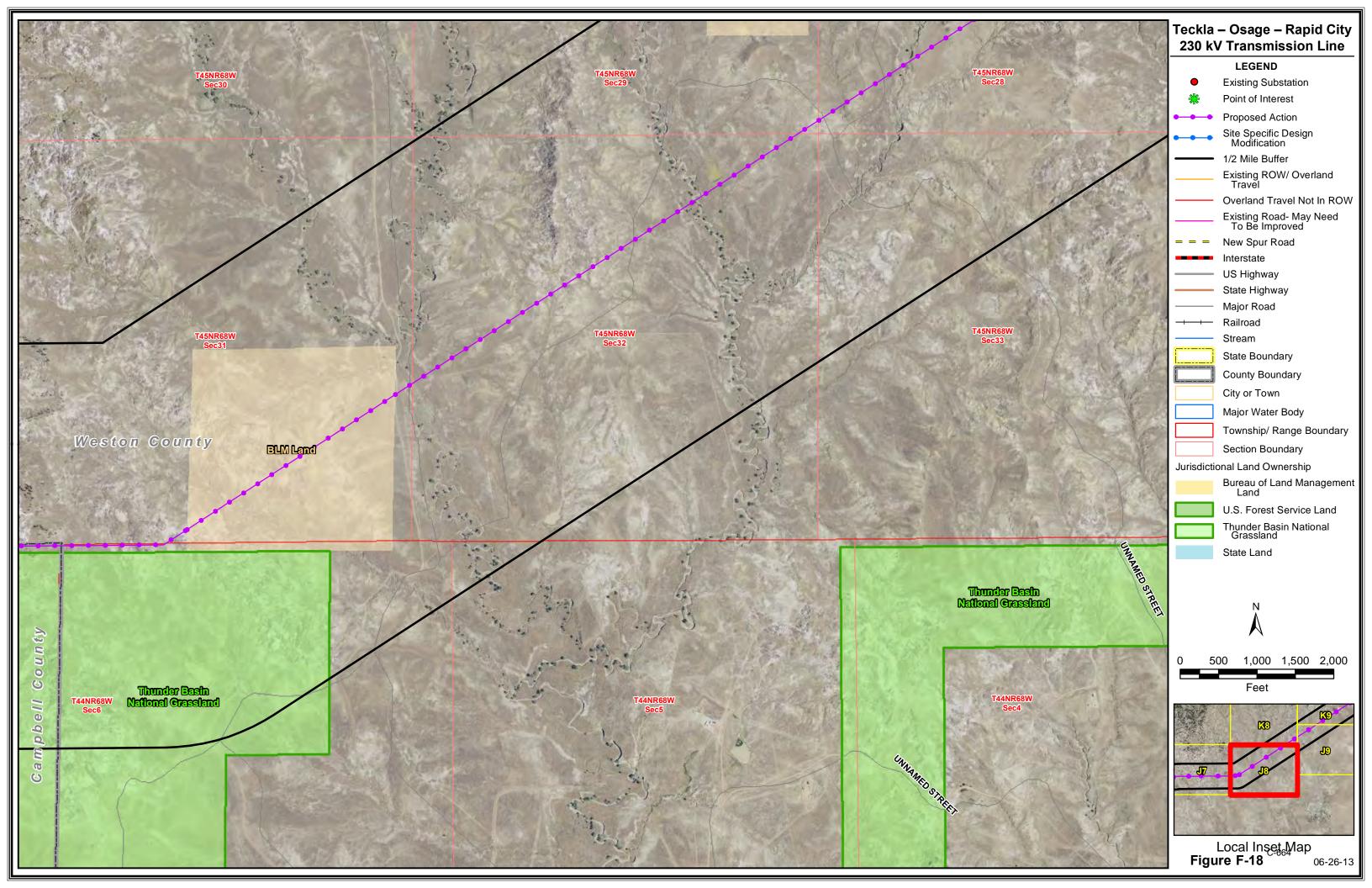


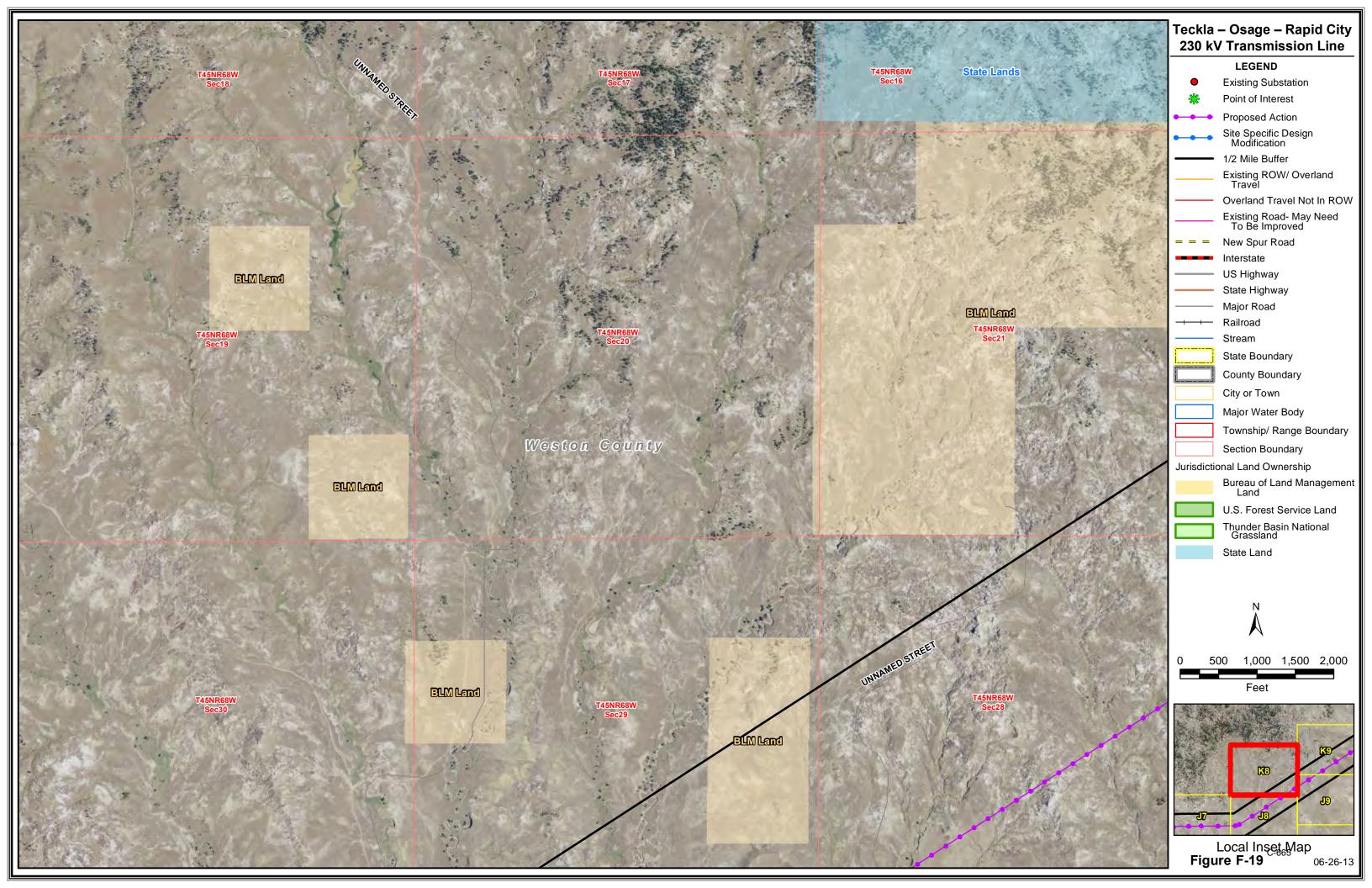


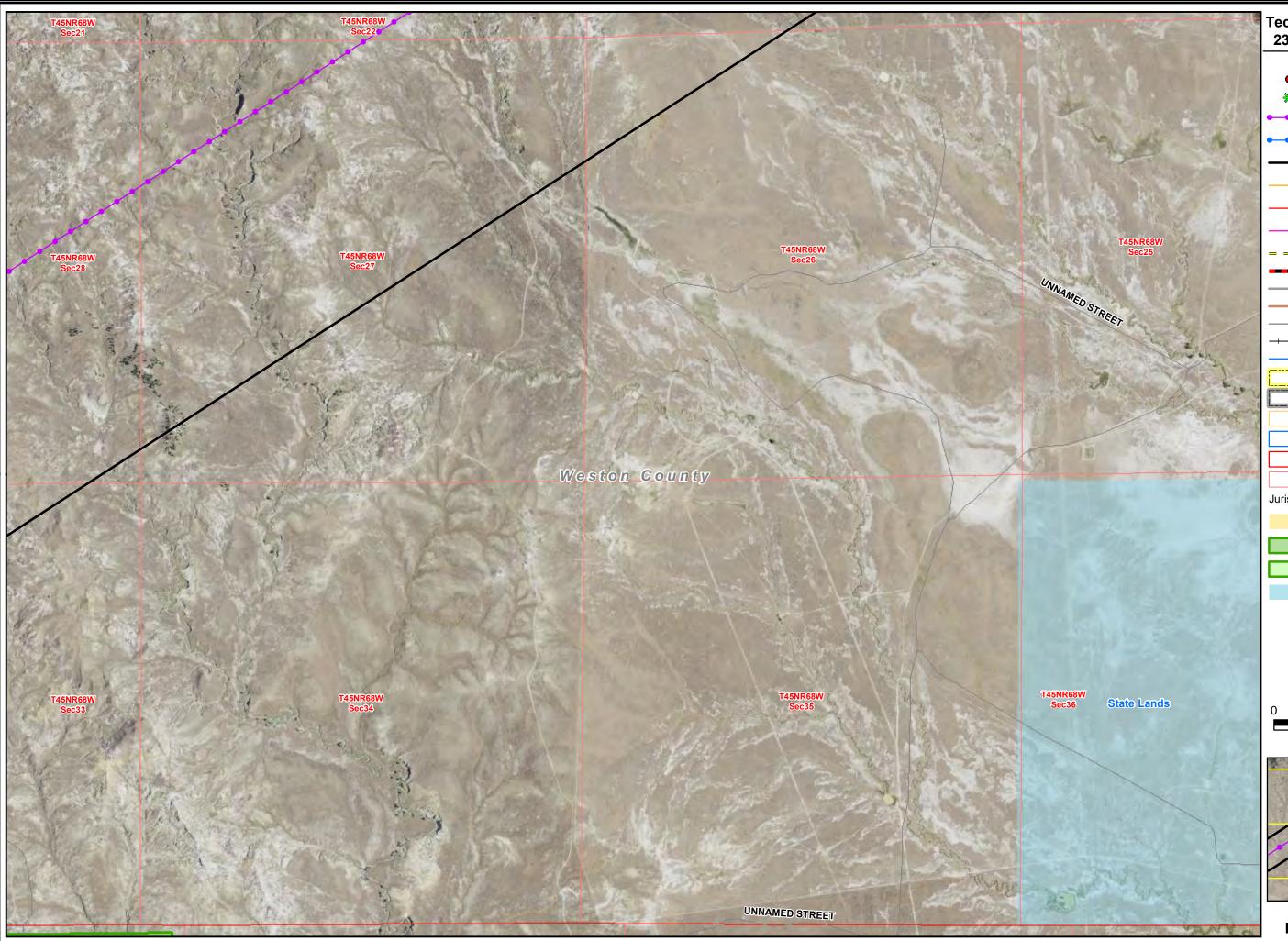




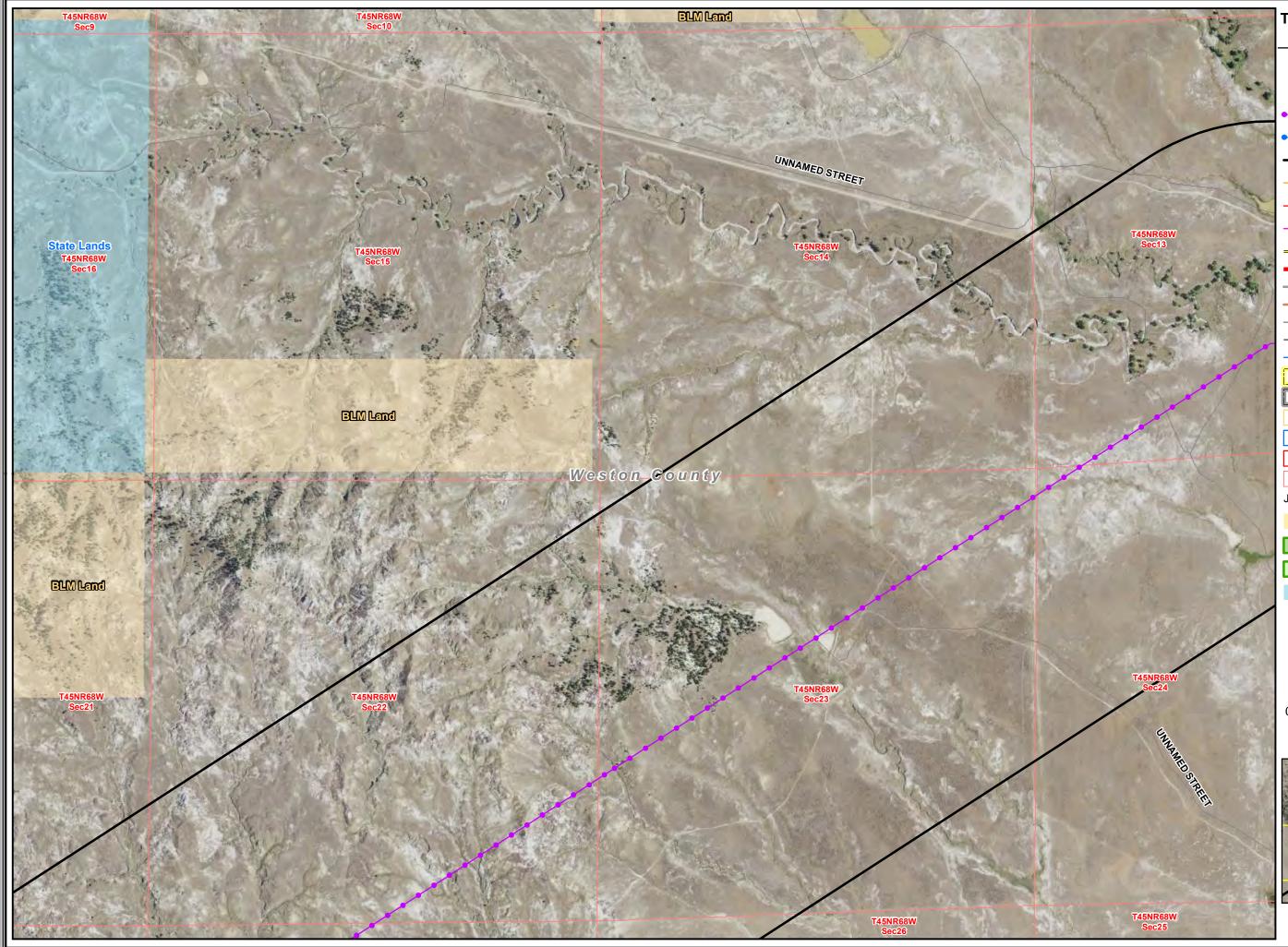




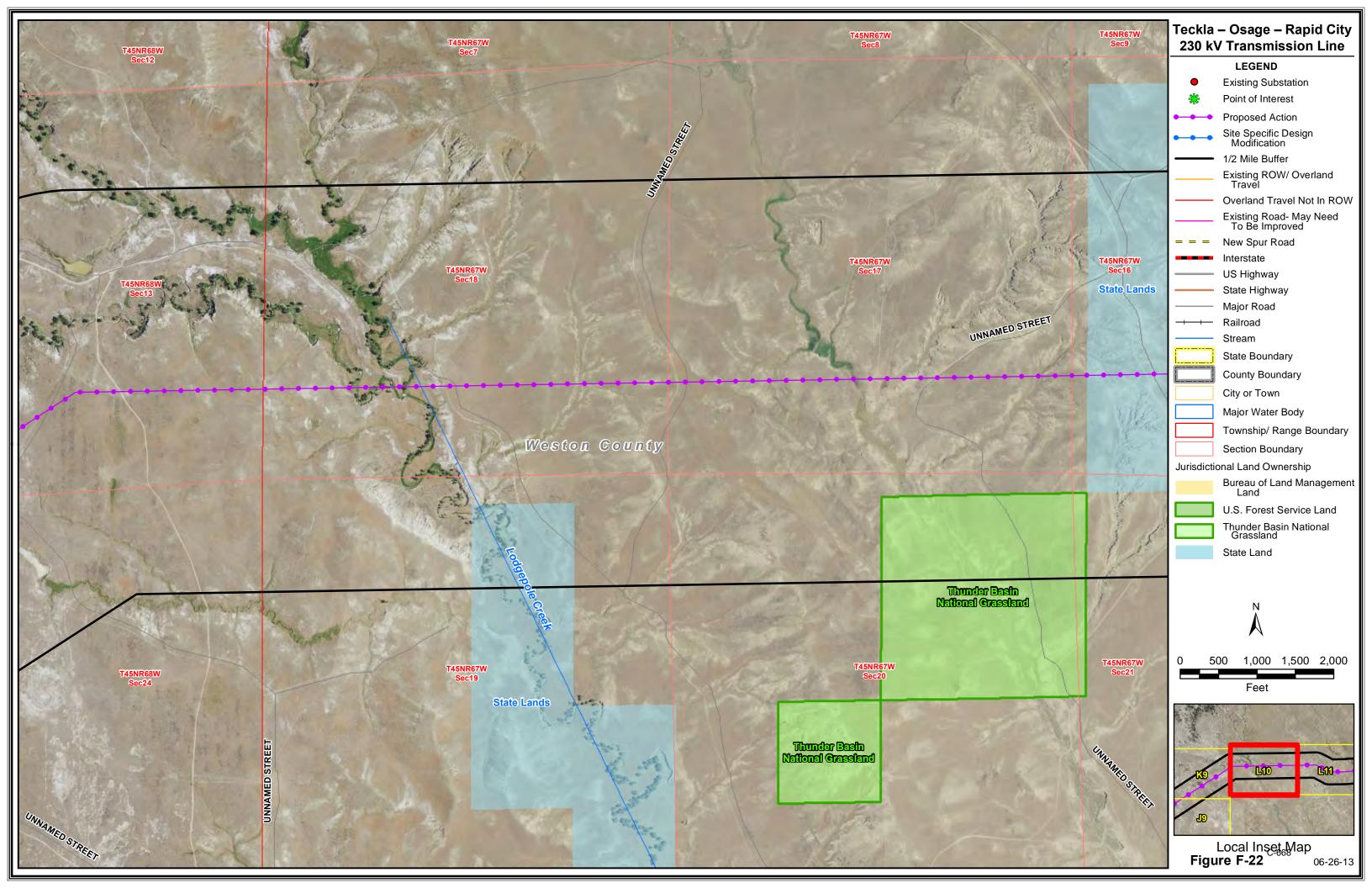


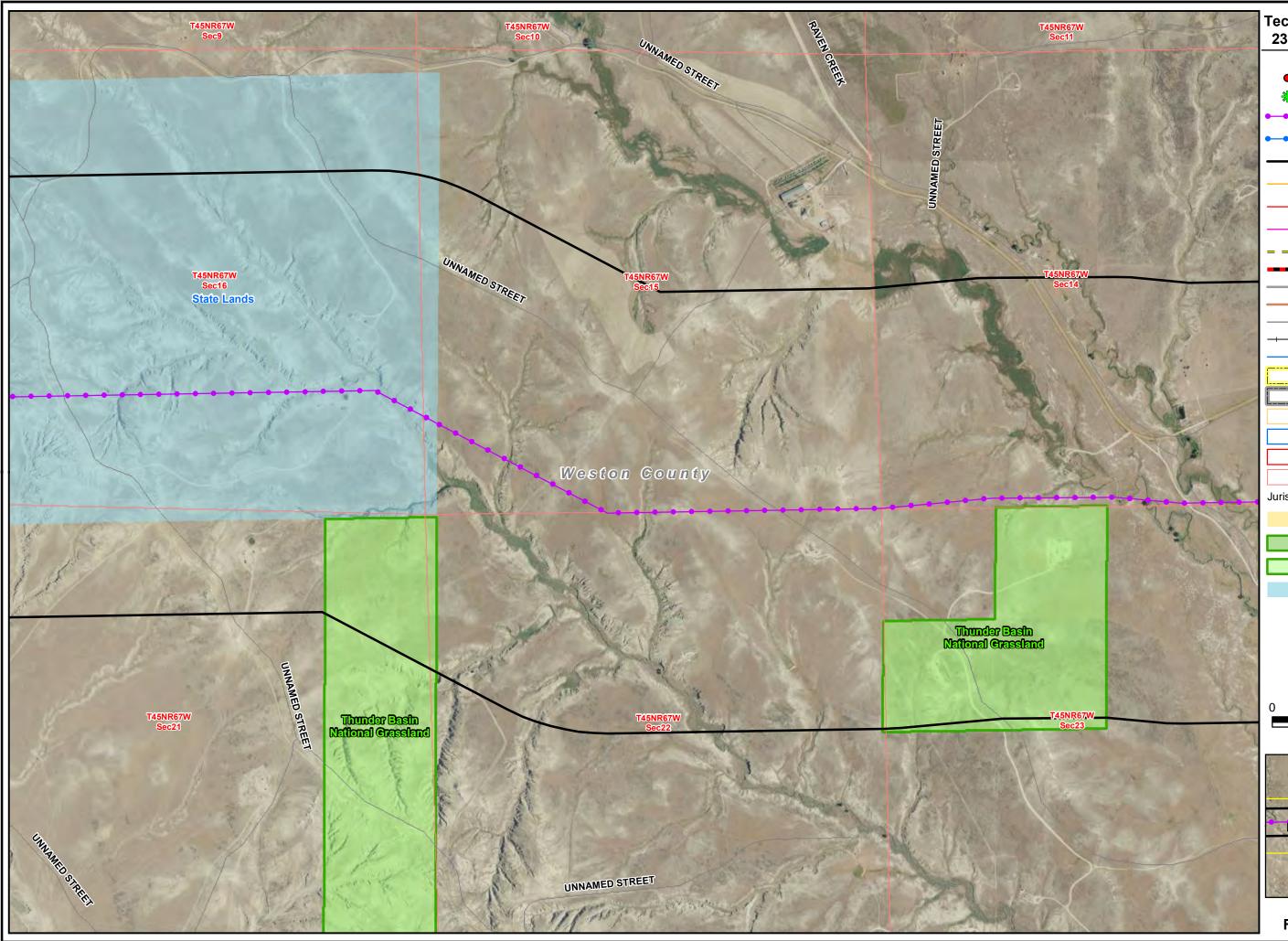


200 11	
•	LEGEND
	Existing Substation
*	Point of Interest
• • •	Proposed Action
• • •	Site Specific Design Modification
	1/2 Mile Buffer
	Existing ROW/ Overland Travel
	Overland Travel Not In ROW
	Existing Road- May Need To Be Improved
	New Spur Road
	Interstate
	US Highway
	State Highway
	Major Road
	Railroad
	Stream
	State Boundary
	County Boundary
	City or Town
	Major Water Body
	Township/ Range Boundary
Level and a G	Section Boundary
Jurisdictio	onal Land Ownership
	Bureau of Land Management Land
	U.S. Forest Service Land
	Thunder Basin National Grassland
	State Land
	N
	\bigwedge
0 50	00 1,000 1,500 2,000
	Feet
	reel
10	
and the second	L10-
1	
	JD CONTRACTOR
-LIS	A CONTRACTOR OF THE OWNER
	the second second
- 1.3	State of State of State
	Local Inset Map
Figu	re F-20 06-26-13

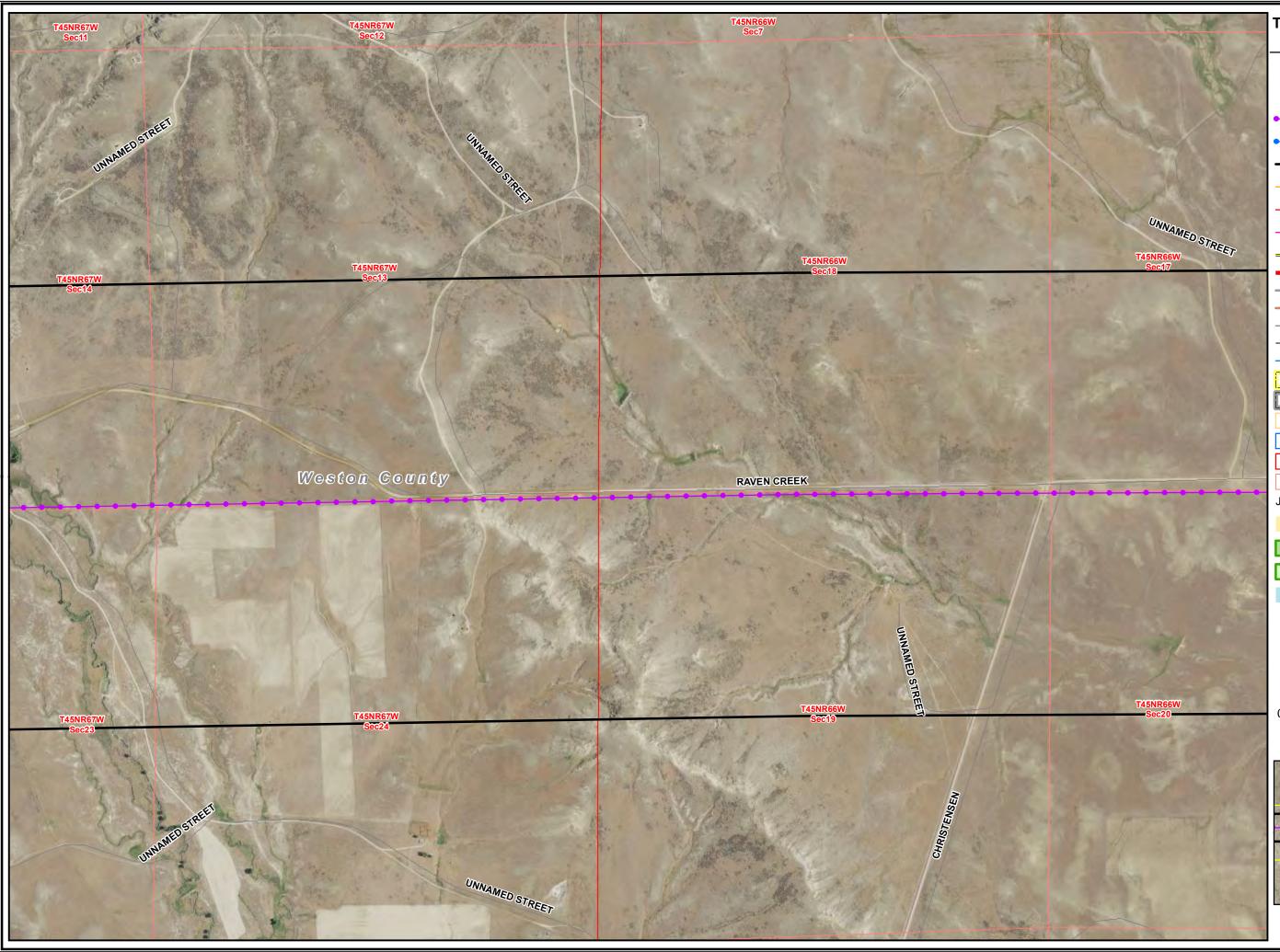


230 KV	/ Iransmission	Line
	LEGEND	
•	Existing Substation	
⋇	Point of Interest	
••	Proposed Action	
••	Site Specific Desigr Modification	1
	1/2 Mile Buffer	
	Existing ROW/ Ove Travel	rland
	Overland Travel No	t In ROW
	Existing Road- May To Be Improved	Need
	New Spur Road	
	Interstate	
	US Highway	
	State Highway	
	Major Road	
_++	Railroad	
	Stream	
	State Boundary	
	County Boundary	
	City or Town	
	Major Water Body	
	Township/ Range B	oundary
		oundary
	Section Boundary	
Jurisdictio	onal Land Ownership	
	Bureau of Land Mai Land	nagement
	U.S. Forest Service	Land
	Thunder Basin Nati	onal
	Grassland	
	State Land	
	N A	
	\square	
0 50	00 1,000 1,500	2,000
	Feet	
	a star a star	-
2.44		L10
	K9	
133		- Law
	JD	2 2
JB		1 -1
Local Inset Map		
Figure F-21 06-26-13		

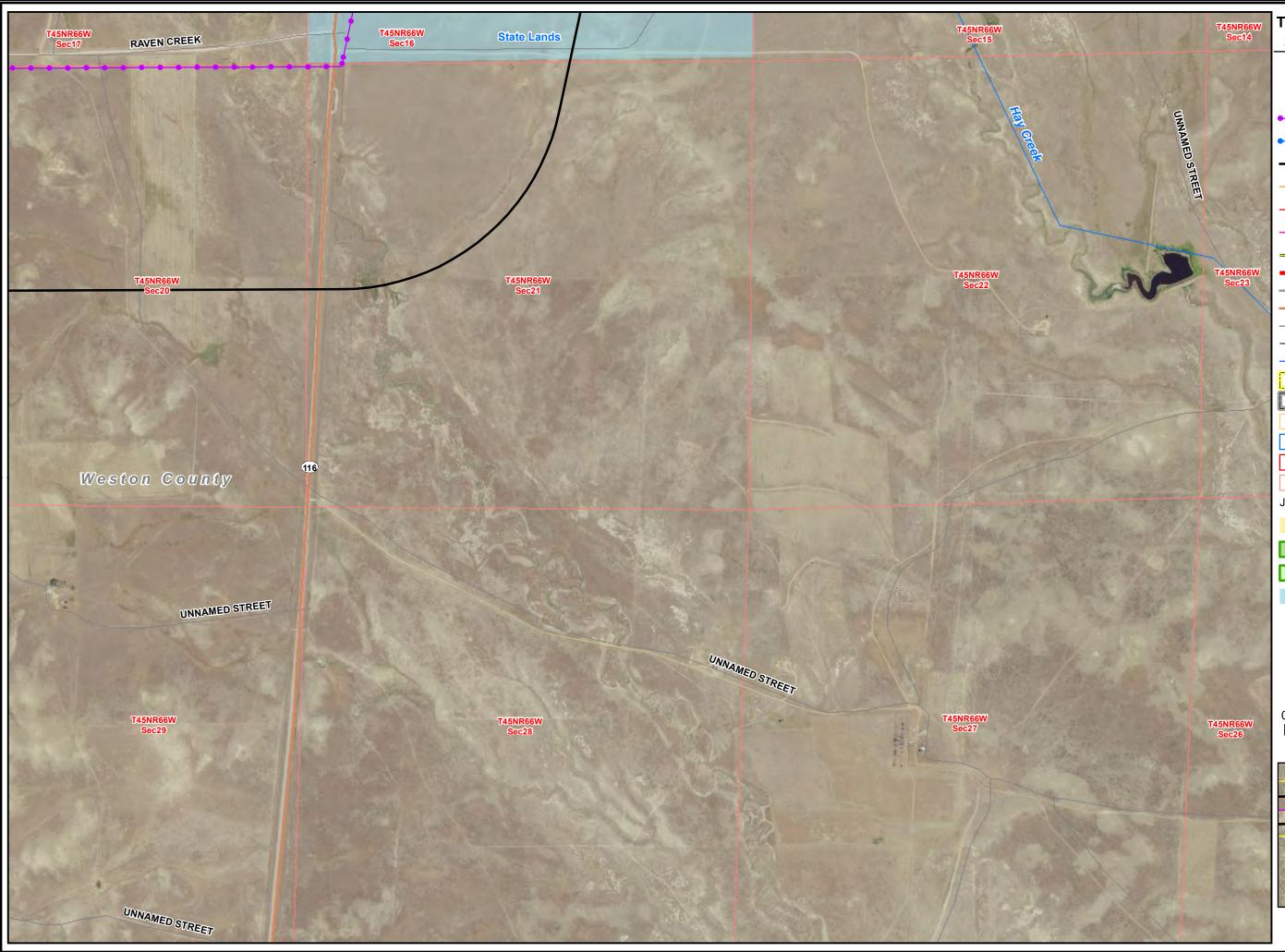




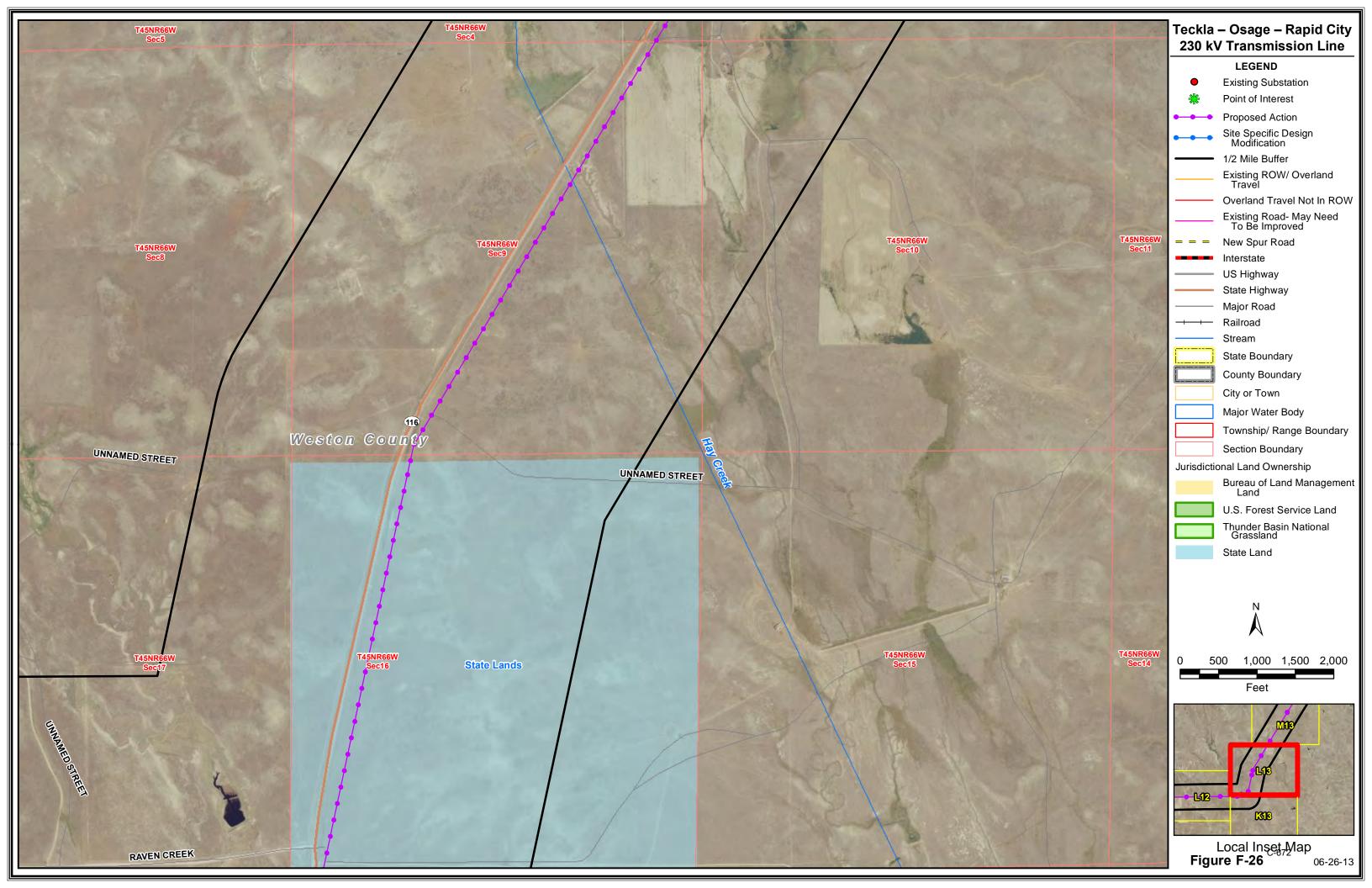
	LEGEND
• ••	Existing Substation
*	Point of Interest
••••	Proposed Action
••••	Site Specific Design Modification
	1/2 Mile Buffer
	Existing ROW/ Overland Travel
	Overland Travel Not In ROW
	Existing Road- May Need To Be Improved
	New Spur Road
	Interstate
	US Highway
	State Highway
	Major Road
	Railroad
	Stream
	State Boundary
	County Boundary
	City or Town
	Major Water Body
	Township/ Range Boundary
	Section Boundary
lurisdictio	onal Land Ownership
Junisaleur	Bureau of Land Management Land
	U.S. Forest Service Land
	Thunder Basin National
	Grassland
	State Land
	Ν
	$\mathbf{\Lambda}$
	\sim
0 50	00 1,000 1,500 2,000
	Feet
	N. S. S. C. K
	A COMPANY OF
L10	L11L12
<u>L'UU</u>	
11 24	
State Sta	A COMPANY AND A COMPANY
The second	and the second second
	Local Inset Map
Figu	re F-23 06-26-13

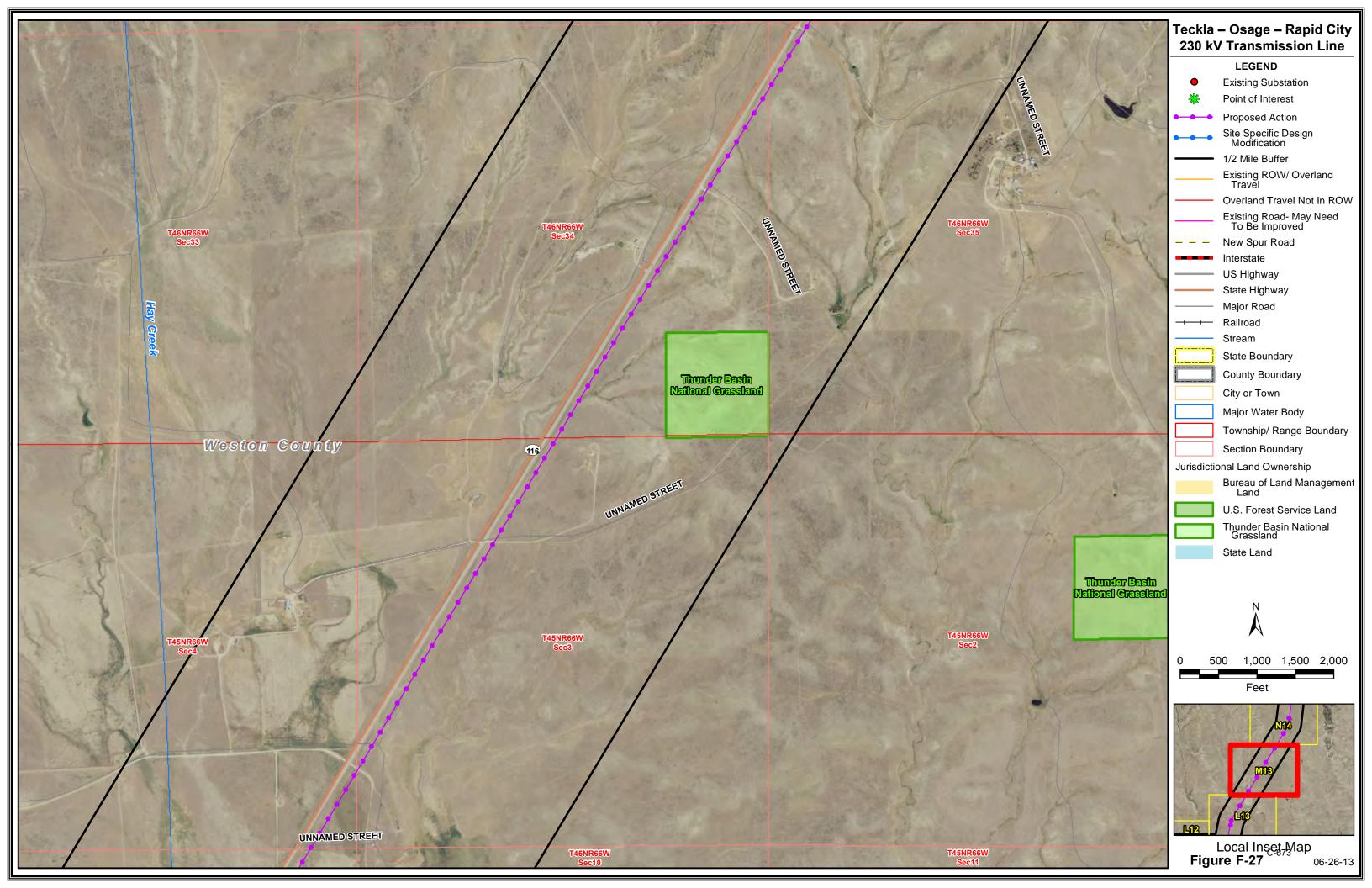


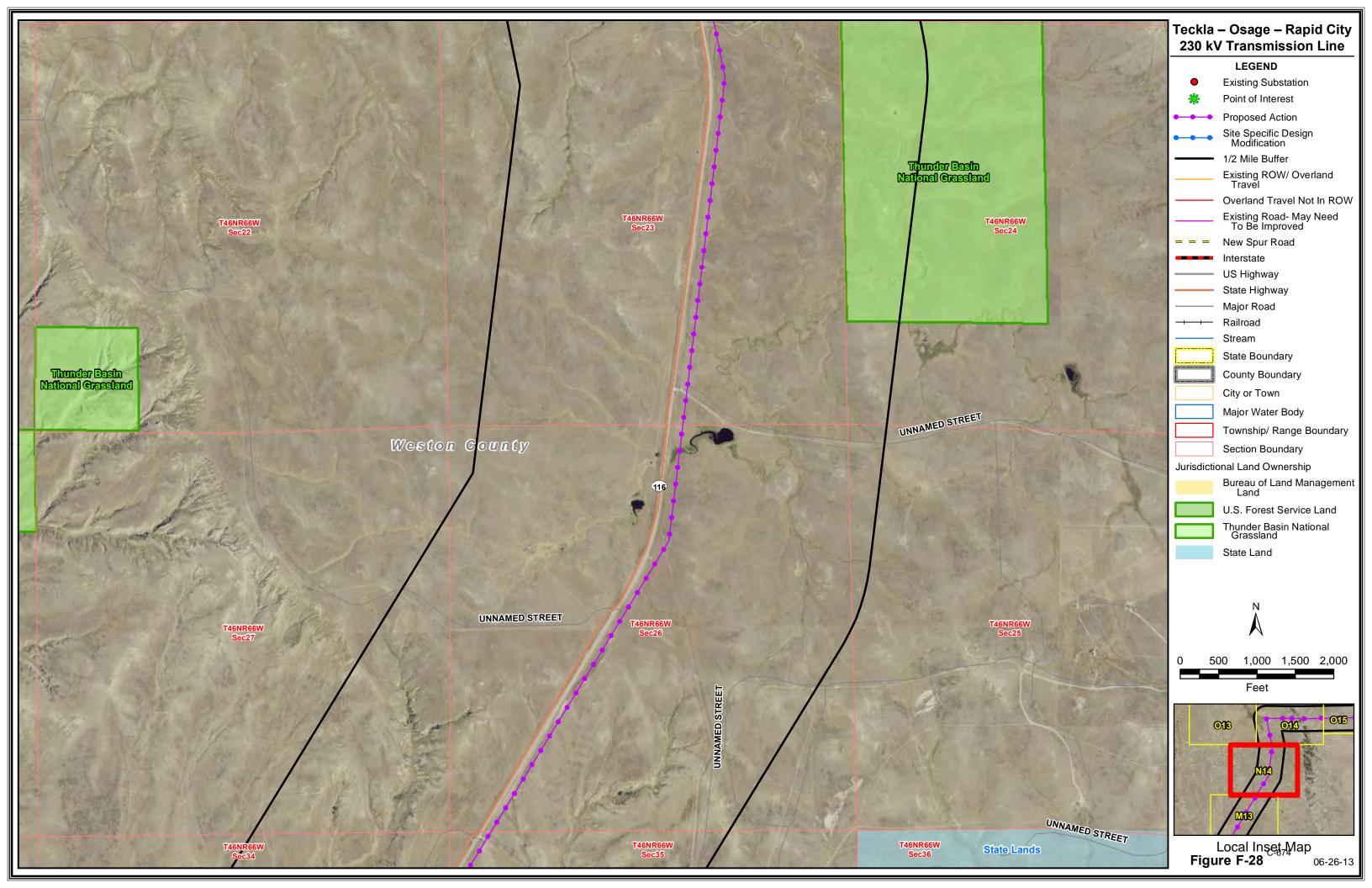
230 KN	/ Transmission Line	
	LEGEND	
•	Existing Substation	
*	Point of Interest	
••	Proposed Action	
••	Site Specific Design Modification	
	1/2 Mile Buffer	
	Existing ROW/ Overland Travel	
	Overland Travel Not In ROW	
	Existing Road- May Need To Be Improved	
	New Spur Road	
	Interstate	
	US Highway	
	State Highway	
	Major Road	
	Railroad	
	Stream	
	State Boundary	
	County Boundary	
	City or Town	
	-	
	Major Water Body	
	Township/ Range Boundary	
	Section Boundary	
Jurisdictio	onal Land Ownership	
	Bureau of Land Management Land	
	U.S. Forest Service Land	
	Thunder Basin National	
	Grassland	
	State Land	
	N	
0 50	00 1,000 1,500 2,000	
	Feet	
Fiau	Local Ins <u>et</u> Map re F-24 06-26-13	

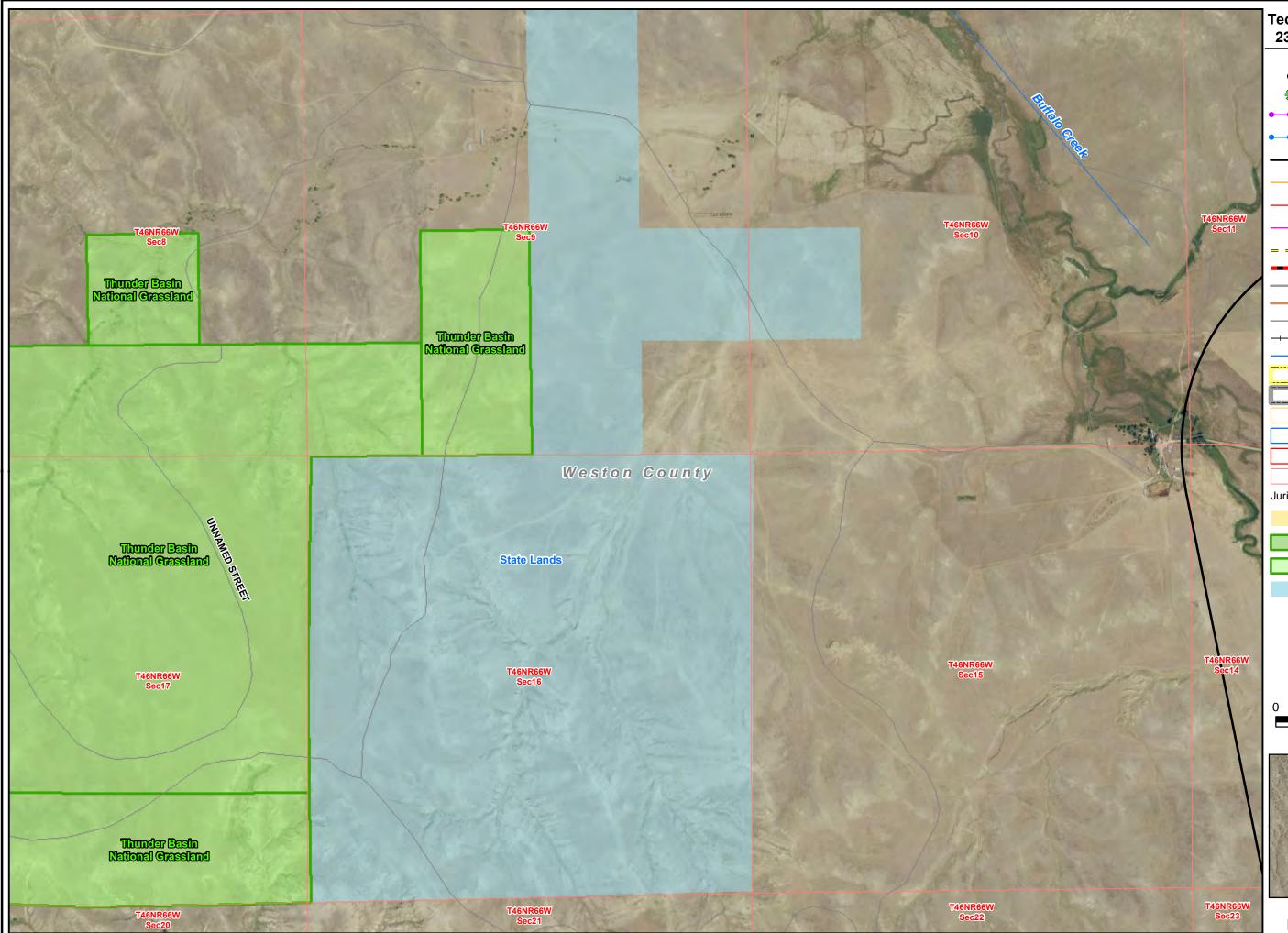


 Existing Substation Point of Interest Proposed Action Site Specific Design Modification 1/2 Mile Buffer Existing ROW/ Overland Travel Overland Travel Not In ROW Existing Road- May Need To Be Improved New Spur Road Interstate US Highway State Highway Major Road Railroad Stream State Boundary County Boundary City or Town Major Water Body Township/ Range Boundary Section Boundary Jurisdictional Land Ownership Bureau of Land Management Land State Land Thunder Basin National Grassland State Land Local Inset Map Figure F-25 06-26-13 	230 KV	Transmission Line	
 Point of Interest Proposed Action Site Specific Design Modification 1/2 Mile Buffer Existing ROW/ Overland Travel Overland Travel Not In ROW Existing Road- May Need To Be Improved New Spur Road Interstate US Highway State Highway Major Road Railroad Stream State Boundary County Boundary City or Town Major Water Body Township/ Range Boundary Section Boundary Jurisdictional Land Ownership Bureau of Land Management Land U.S. Forest Service Land Thunder Basin National Grassland State Land 		LEGEND	
 Proposed Action Site Specific Design Modification 1/2 Mile Buffer Existing ROW/ Overland Travel Overland Travel Not In ROW Existing Road- May Need To Be Improved New Spur Road Interstate US Highway State Highway Major Road Railroad Stream State Boundary County Boundary City or Town Major Water Body Township/ Range Boundary Section Boundary Jurisdictional Land Ownership Bureau of Land Management Land U.S. Forest Service Land Thunder Basin National Grassland State Land 	•	Existing Substation	
Site Specific Design Modification 1/2 Mile Buffer Existing ROW/ Overland Travel Overland Travel Not In ROW Existing Road-May Need To Be Improved New Spur Road Interstate US Highway State Highway Major Road Railroad Stream State Boundary County Boundary City or Town Major Water Body City or Town Major Water Body Section Boundary Section Boundary Jurisdictional Land Ownership Bureau of Land Management Land U.S. Forest Service Land U.S. Forest Service Land U.S. Forest Service Land Thunder Basin National Grassland State Land	₩	Point of Interest	
Modification 1/2 Mile Buffer Existing ROW/ Overland Travel Overland Travel Not In ROW Existing Road-May Need To Be Improved New Spur Road New Spur Road Najor Road Railroad Stream State Highway Major Road Railroad Stream State Boundary County Boundary County Boundary County Boundary City or Town Major Water Body Township/ Range Boundary Section Boundary Jurisdictional Land Ownership Bureau of Land Management Land U.S. Forest Service Land Thunder Basin National Grassland State Land N County Boundary Jurisdictional Land Ownership Bureau of Land Management Land State Land N Carassland State Land N Carassian State Land	••	Proposed Action	
Existing ROW/ Overland Travel Overland Travel Not In ROW Existing Road-May Need To Be Improved New Spur Road Interstate US Highway State Highway Major Road Railroad Stream State Boundary County Boundary County Boundary City or Town Major Water Body Township/ Range Boundary Section Boundary Jurisdictional Land Ownership Bureau of Land Management Land U.S. Forest Service Land Thunder Basin National Grassland State Land N County Section 1,500 2,000 Feet	• • •	Site Specific Design Modification	
 Overland Travel Not In ROW Existing Road- May Need To Be Improved New Spur Road Interstate US Highway State Highway Major Road Railroad Stream State Boundary County Boundary City or Town Major Water Body Township/ Range Boundary Section Boundary Jurisdictional Land Ownership Bureau of Land Management Land U.S. Forest Service Land Thunder Basin National Grassland State Land 		1/2 Mile Buffer	
Existing Road- May Need To Be Improved New Spur Road Interstate US Highway State Highway Major Road Railroad Stream State Boundary County Boundary County Boundary City or Town Major Water Body Township/ Range Boundary Section Boundary Jurisdictional Land Ownership Bureau of Land Management Land U.S. Forest Service Land Thunder Basin National Grassland State Land			
To Be Improved New Spur Road Interstate US Highway State Highway Major Road Railroad Stream State Boundary County Boundary County Boundary City or Town Major Water Body Township/ Range Boundary Section Boundary Jurisdictional Land Ownership Bureau of Land Management Land U.S. Forest Service Land Thunder Basin National Grassland State Land		Overland Travel Not In ROW	
Interstate US Highway State Highway Major Road Railroad Stream State Boundary County Boundary County Boundary County Boundary City or Town Major Water Body Township/ Range Boundary Section Boundary Jurisdictional Land Ownership Bureau of Land Management Land U.S. Forest Service Land Thunder Basin National Grassland State Land		Existing Road- May Need To Be Improved	
US Highway State Highway Major Road Railroad Stream County Boundary County Boundary County Boundary City or Town Major Water Body Township/ Range Boundary Section Boundary Jurisdictional Land Ownership Bureau of Land Management Land U.S. Forest Service Land U.S. Forest Service Land U.S. Forest Service Land State Land State Land		New Spur Road	
State Highway Major Road Railroad Stream State Boundary County Boundary County Boundary City or Town Major Water Body Township/ Range Boundary Section Boundary Jurisdictional Land Ownership Bureau of Land Management Land U.S. Forest Service Land U.S. Forest Service Land U.S. Forest Service Land State Land State Land		Interstate	
Major Road + Railroad Stream County Boundary County Boundary County Boundary County Boundary City or Town Major Water Body Township/ Range Boundary Section Boundary Jurisdictional Land Ownership Bureau of Land Management Land U.S. Forest Service Land U.S. Forest Service Land Thunder Basin National Grassland State Land 0 500 1,000 1,500 2,000 Feet Feet		US Highway	
 Railroad Stream State Boundary County Boundary City or Town Major Water Body Township/ Range Boundary Section Boundary Jurisdictional Land Ownership Bureau of Land Management Land U.S. Forest Service Land Thunder Basin National Grassland State Land 		State Highway	
Stream State Boundary County Boundary City or Town Major Water Body Township/ Range Boundary Section Boundary Jurisdictional Land Ownership Bureau of Land Management Land U.S. Forest Service Land U.S. Forest Service Land Thunder Basin National Grassland State Land 0 500 1,000 1,500 2,000 Feet Feet		Major Road	
State Boundary County Boundary City or Town Major Water Body Township/ Range Boundary Section Boundary Jurisdictional Land Ownership Bureau of Land Management Land U.S. Forest Service Land U.S. Forest Service Land State Land State Land 0 500 1,000 1,500 2,000 Feet Feet	-++	Railroad	
County Boundary City or Town Major Water Body Township/ Range Boundary Section Boundary Jurisdictional Land Ownership Bureau of Land Management Land U.S. Forest Service Land U.S. Forest Service Land Thunder Basin National Grassland State Land 0 500 1,000 1,500 2,000 Feet Feet		Stream	
City or Town Major Water Body Township/ Range Boundary Section Boundary Jurisdictional Land Ownership Bureau of Land Management Land U.S. Forest Service Land U.S. Forest Service Land State Land State Land		State Boundary	
City or Town Major Water Body Township/ Range Boundary Section Boundary Jurisdictional Land Ownership Bureau of Land Management Land U.S. Forest Service Land U.S. Forest Service Land State Land State Land	[]	County Boundary	
 Major Water Body Township/ Range Boundary Section Boundary Jurisdictional Land Ownership Bureau of Land Management Land U.S. Forest Service Land Thunder Basin National Grassland State Land 			
Township/ Range Boundary Section Boundary Jurisdictional Land Ownership Bureau of Land Management Land U.S. Forest Service Land Thunder Basin National Grassland State Land 0 500 1,000 1,500 2,000 Feet Feet		-	
Section Boundary Jurisdictional Land Ownership Bureau of Land Management Land U.S. Forest Service Land Thunder Basin National Grassland State Land 0 500 1,000 1,500 2,000 Feet			
Jurisdictional Land Ownership Bureau of Land Management Land U.S. Forest Service Land Thunder Basin National Grassland State Land 0 500 1,000 1,500 2,000 Feet		Township/ Range Boundary	
Bureau of Land Management Land U.S. Forest Service Land Thunder Basin National Grassland State Land 0 500 1,000 1,500 2,000 Feet		Section Boundary	
Land U.S. Forest Service Land Thunder Basin National Grassland State Land 0 500 1,000 1,500 2,000 Feet Feet	Jurisdictic	onal Land Ownership	
Thunder Basin National Grassland State Land			
Grassland State Land 0 500 1,000 1,500 2,000 Feet Feet		U.S. Forest Service Land	
State Land N 0 500 1,000 1,500 2,000 Feet Feet		Thunder Basin National	
N 0 500 1,000 1,500 2,000 Feet			
6 0 500 1,000 1,500 2,000 Feet		State Land	
Feet		Ν	
Feet		A	
	0 50	00 1,000 1,500 2,000	
C3D8		Feet	
C3D8			
Local Inset Map Figure F-25 06-26-13	LSR	EXTE	
	ا Figu	_ocal Ins <u>et</u> Map re F-25 06-26-13	

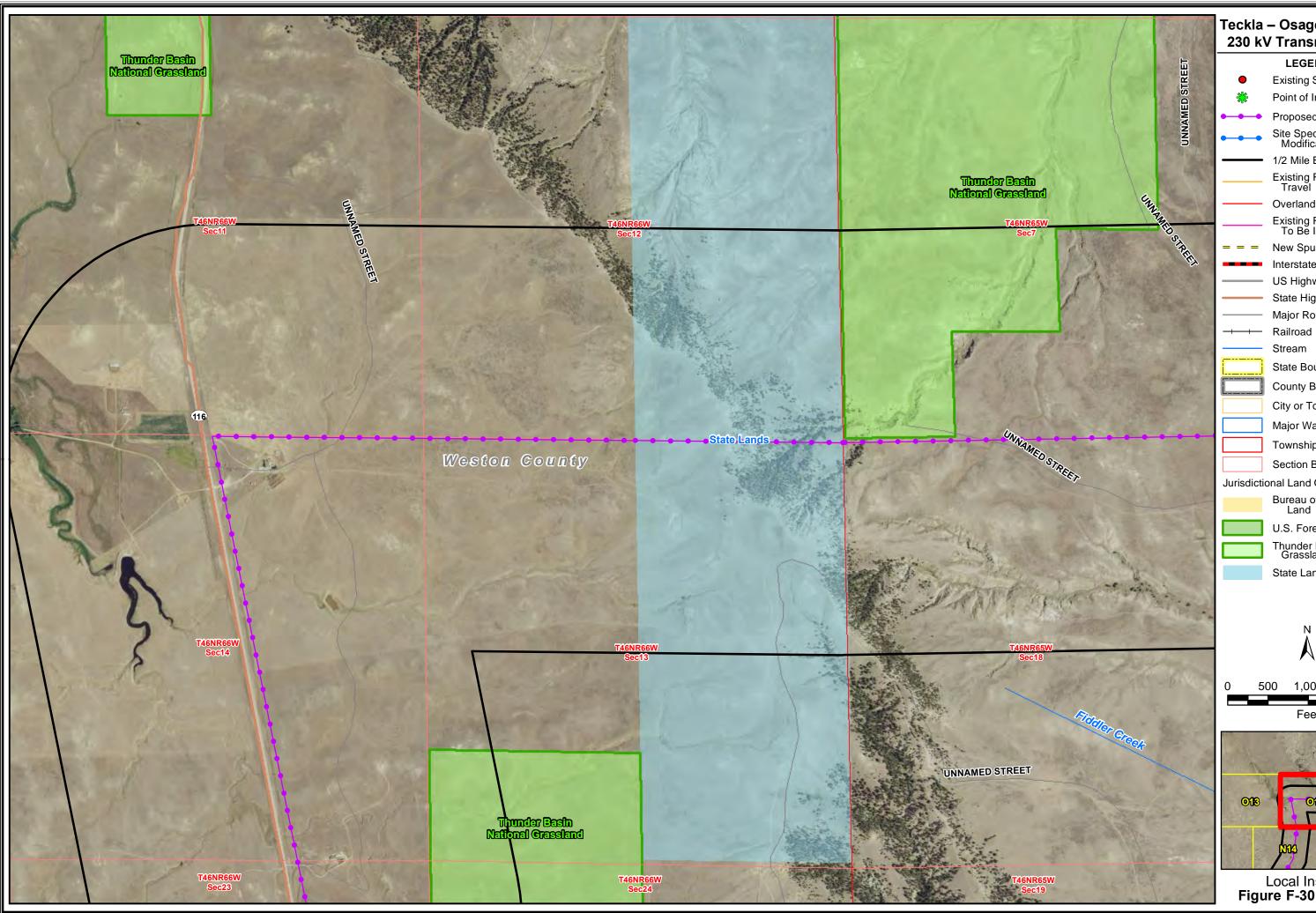




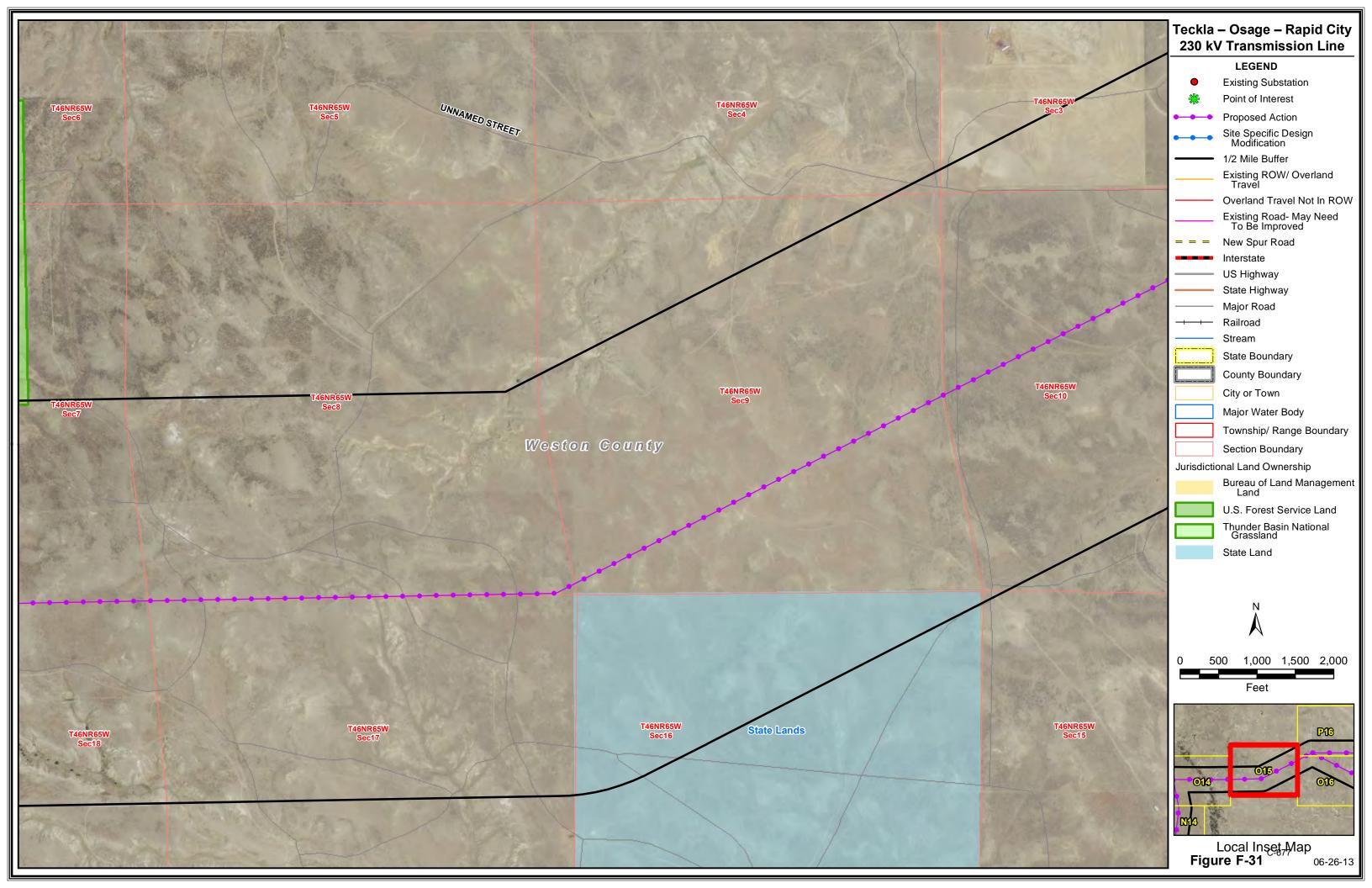


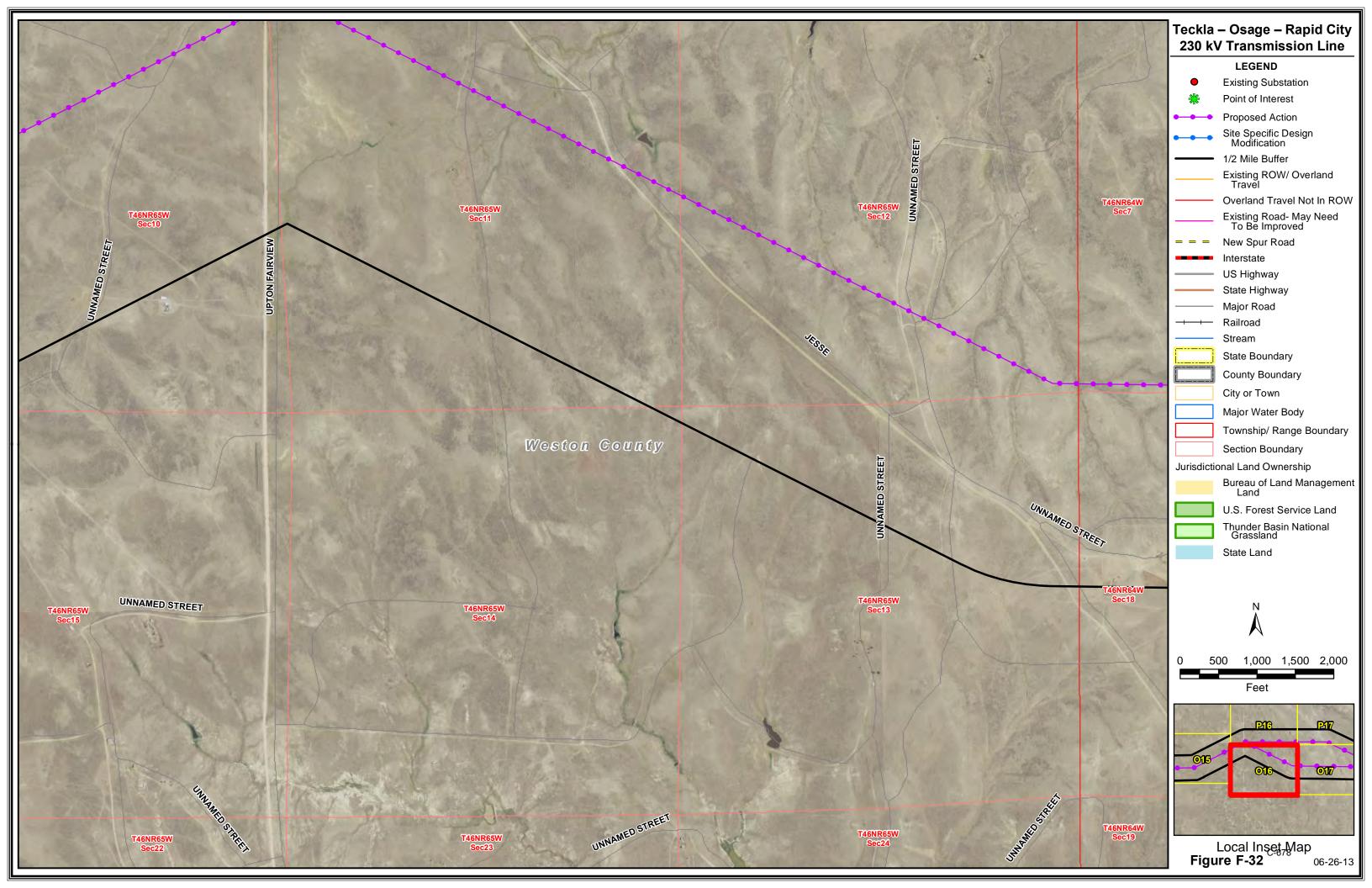


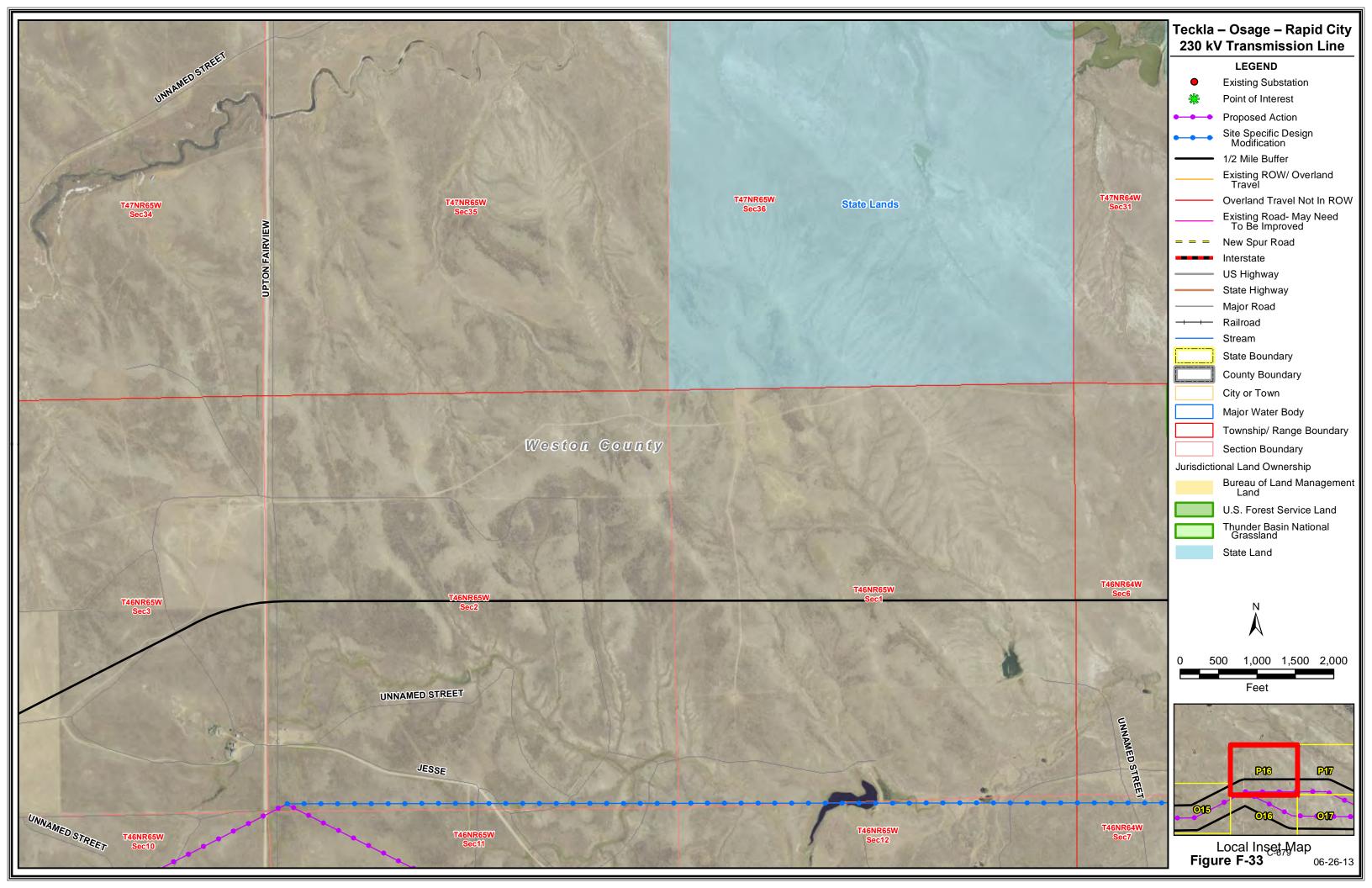
230 K		
	LEGEND	
•	Existing Substation	
*	Point of Interest	
••	Proposed Action	
••	Site Specific Design Modification	
	1/2 Mile Buffer	
	Existing ROW/ Overland Travel	
	Overland Travel Not In ROW	
	Existing Road- May Need To Be Improved	
	New Spur Road	
	Interstate	
	US Highway	
	State Highway	
	Major Road	
-++	Railroad	
	Stream	
	State Boundary	
	County Boundary	
	City or Town	
	Major Water Body	
	Township/ Range Boundary	
	Section Boundary	
Jurisdictio	onal Land Ownership	
	Bureau of Land Management Land	
	U.S. Forest Service Land	
	Thunder Basin National	
	Grassland	
	State Land	
	N	
	N ▲	
	\wedge	
0 50	0 1 000 1 500 0 000	
0 50	00 1,000 1,500 2,000	
	Feet	
018 013 M13		
	Local Ins <u>et</u> Map	
Figu	re F-29 06-26-13	

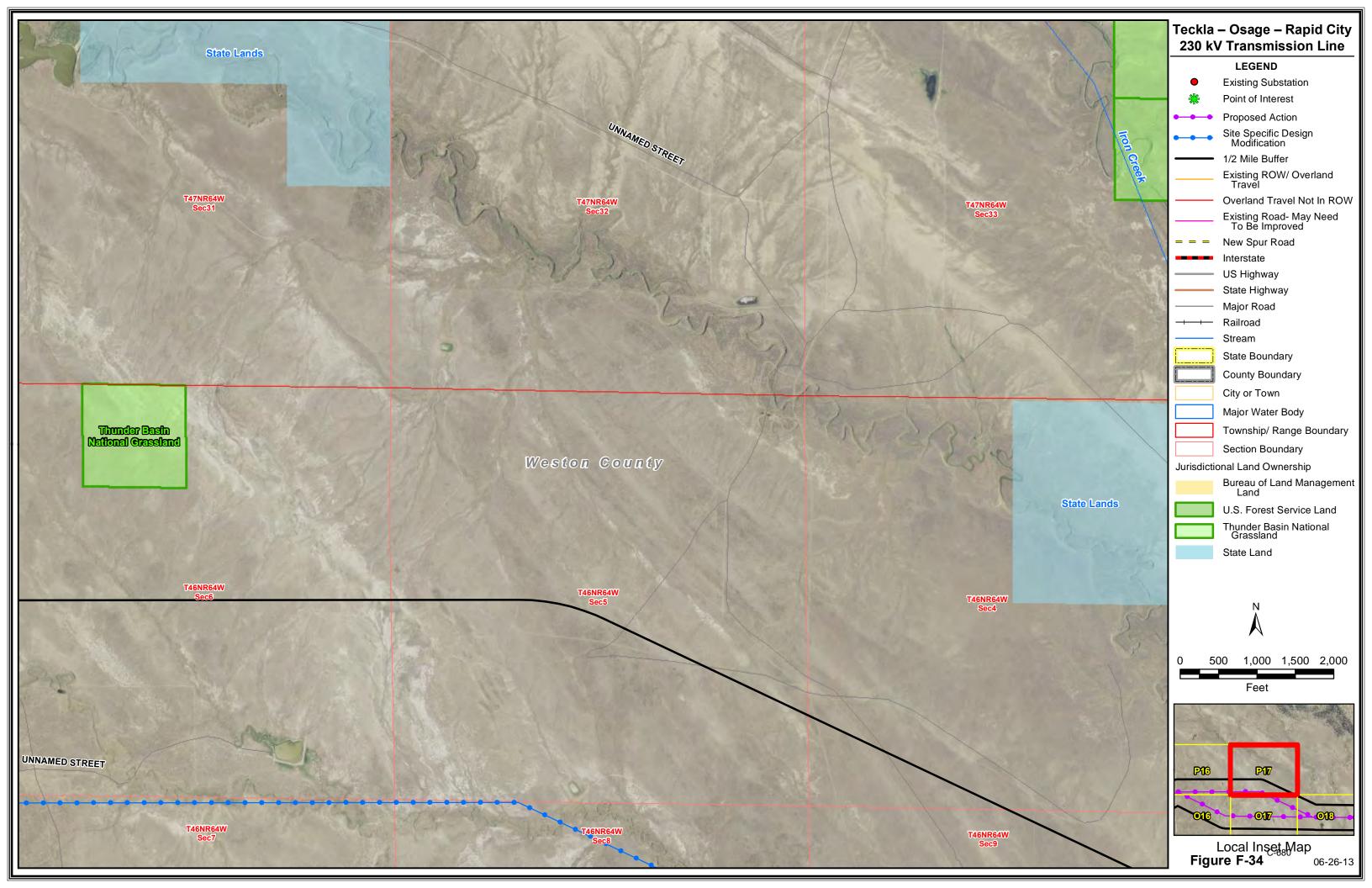


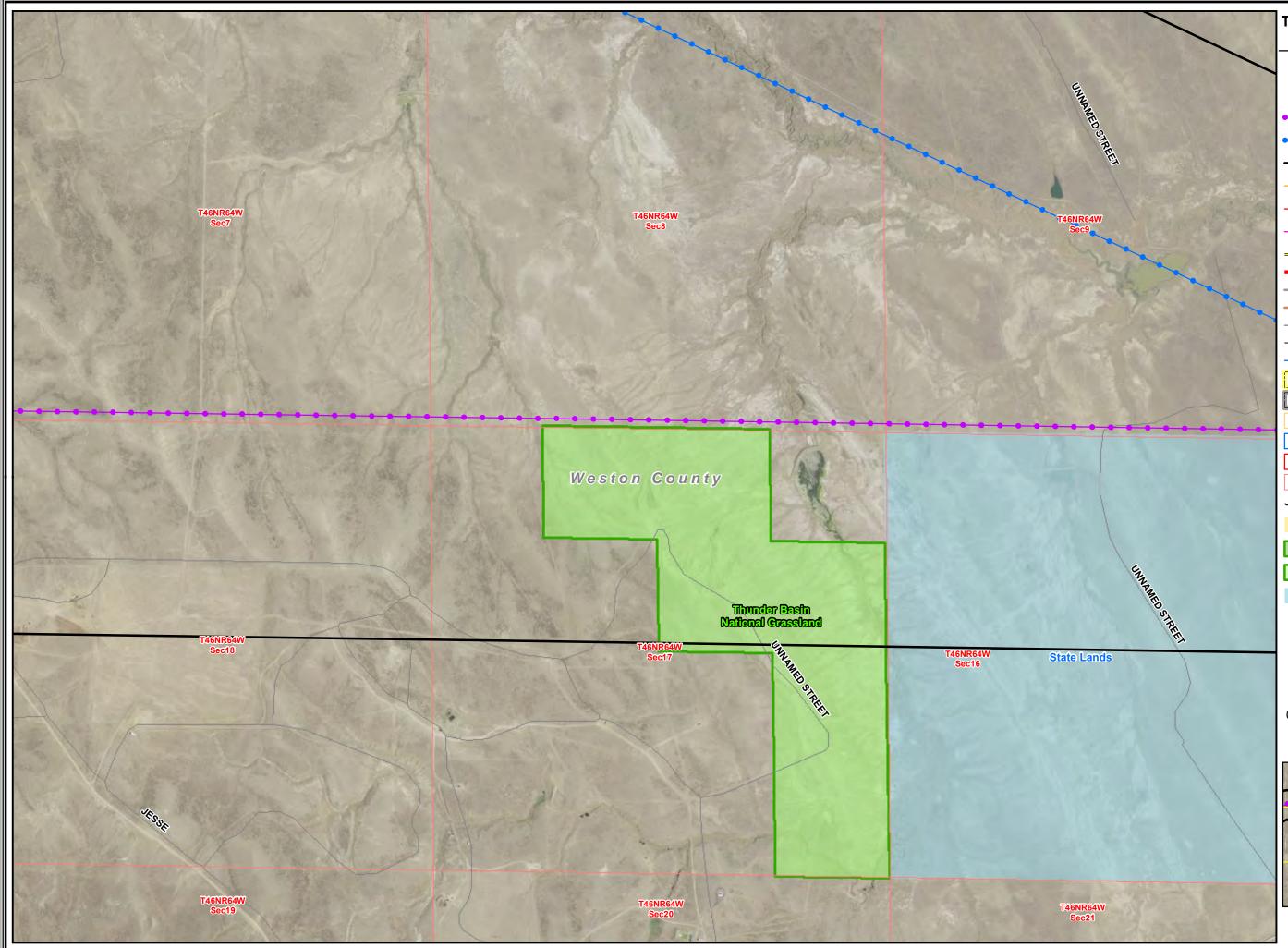
	LEGEND	
•	Existing Substation	
⋇	Point of Interest	
• • •	Proposed Action	
• • •	Site Specific Design Modification	
	1/2 Mile Buffer	
	Existing ROW/ Overlan Travel	d
	Overland Travel Not In	ROW
	Existing Road- May Ne To Be Improved	ed
	New Spur Road	
	Interstate	
	US Highway	
	State Highway	
	Major Road	
	Railroad	
	Stream	
[]	State Boundary	
[]		
Li	County Boundary	
	City or Town	
	Major Water Body	
	Township/ Range Boun	dary
	Section Boundary	
Jurisdictional Land Ownership		
	Bureau of Land Manage Land	ement
	U.S. Forest Service Lar	nd
	Thunder Basin Nationa	
	Grassland	
	State Land	
Ň		
0 50	00 1,000 1,500 2,	000
	Feet	
012 012 N12		
Local Ins <u>et Map</u> Figure F-30 06-26-13		
94		20-10



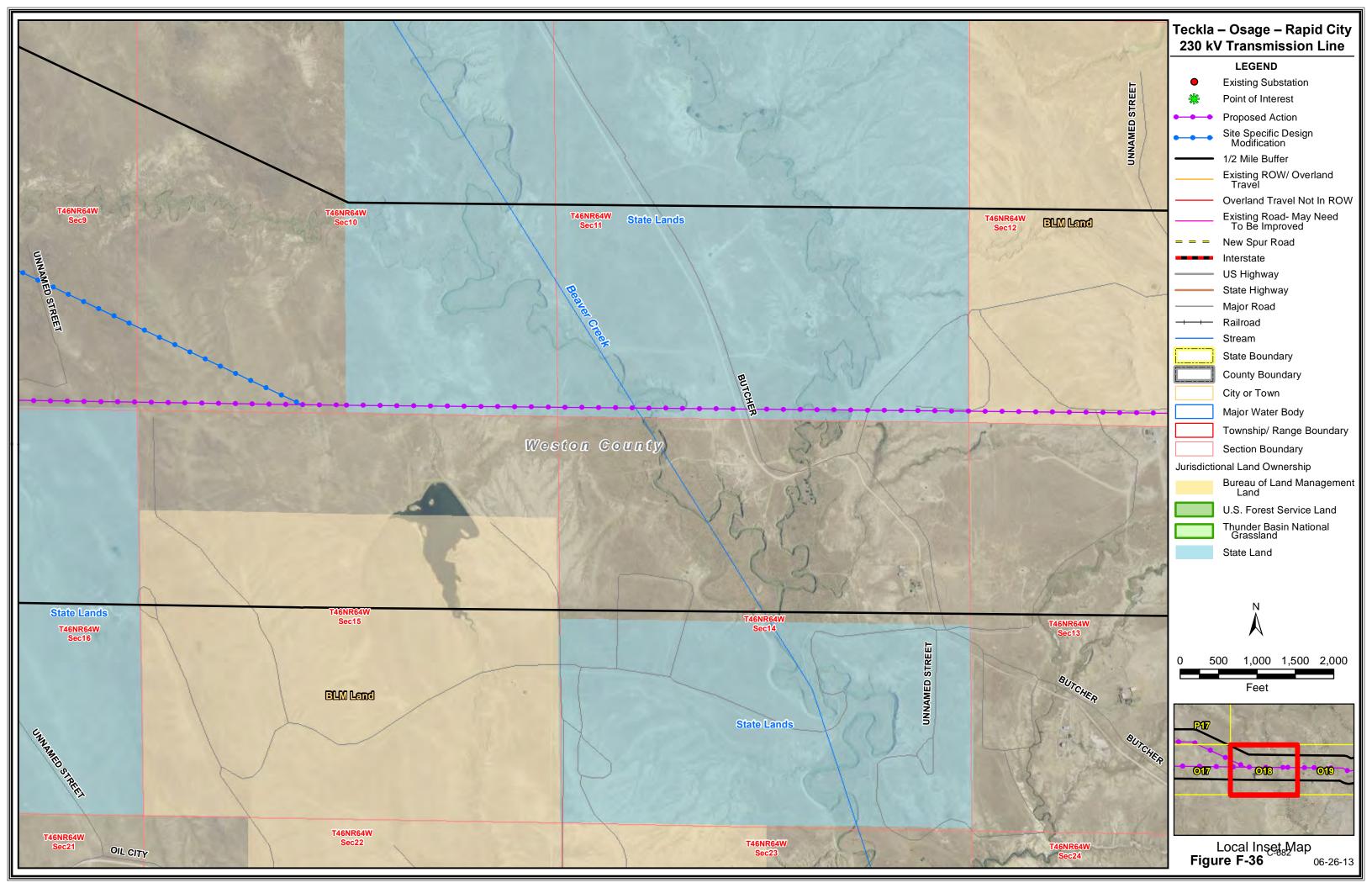


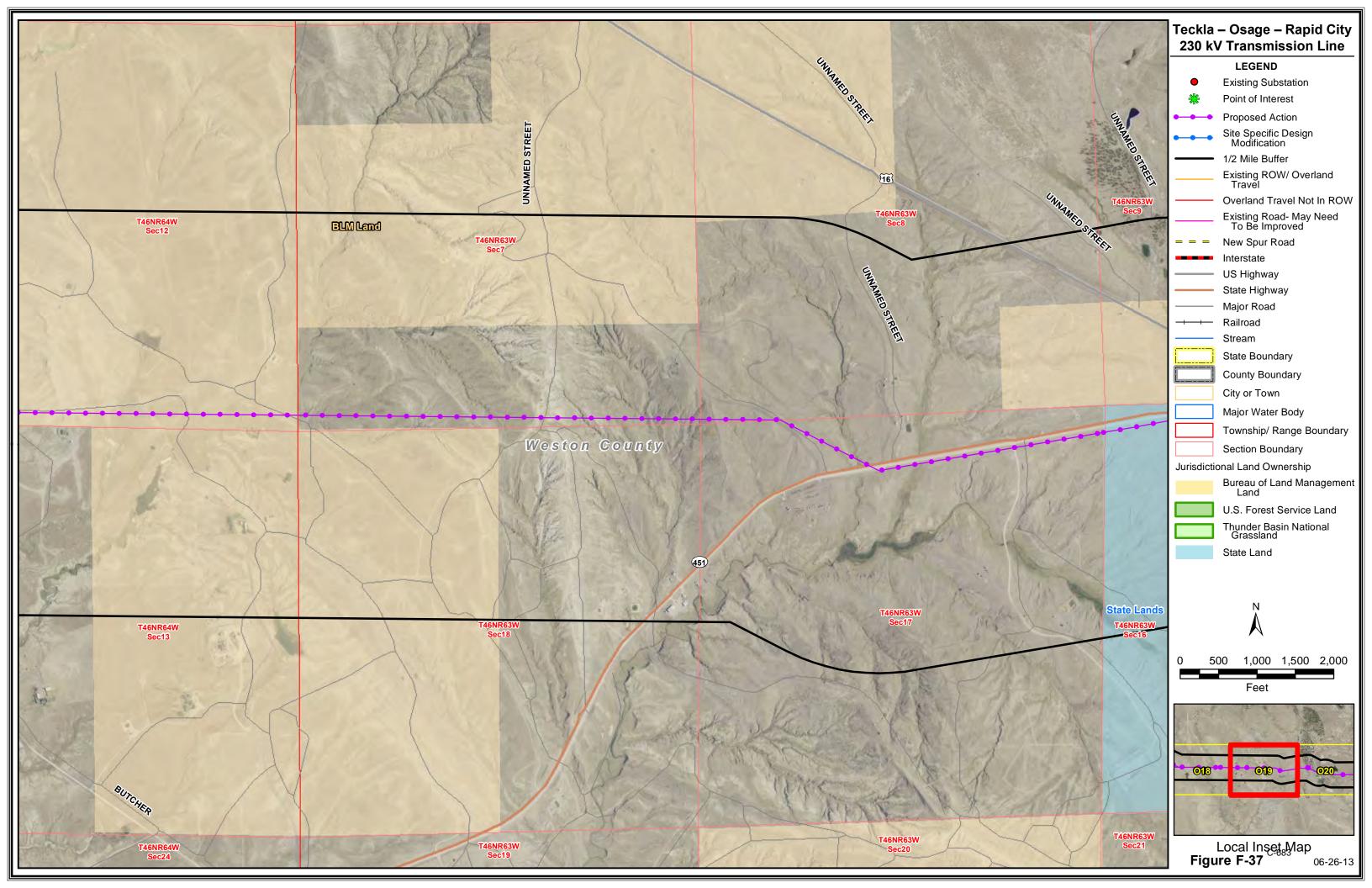


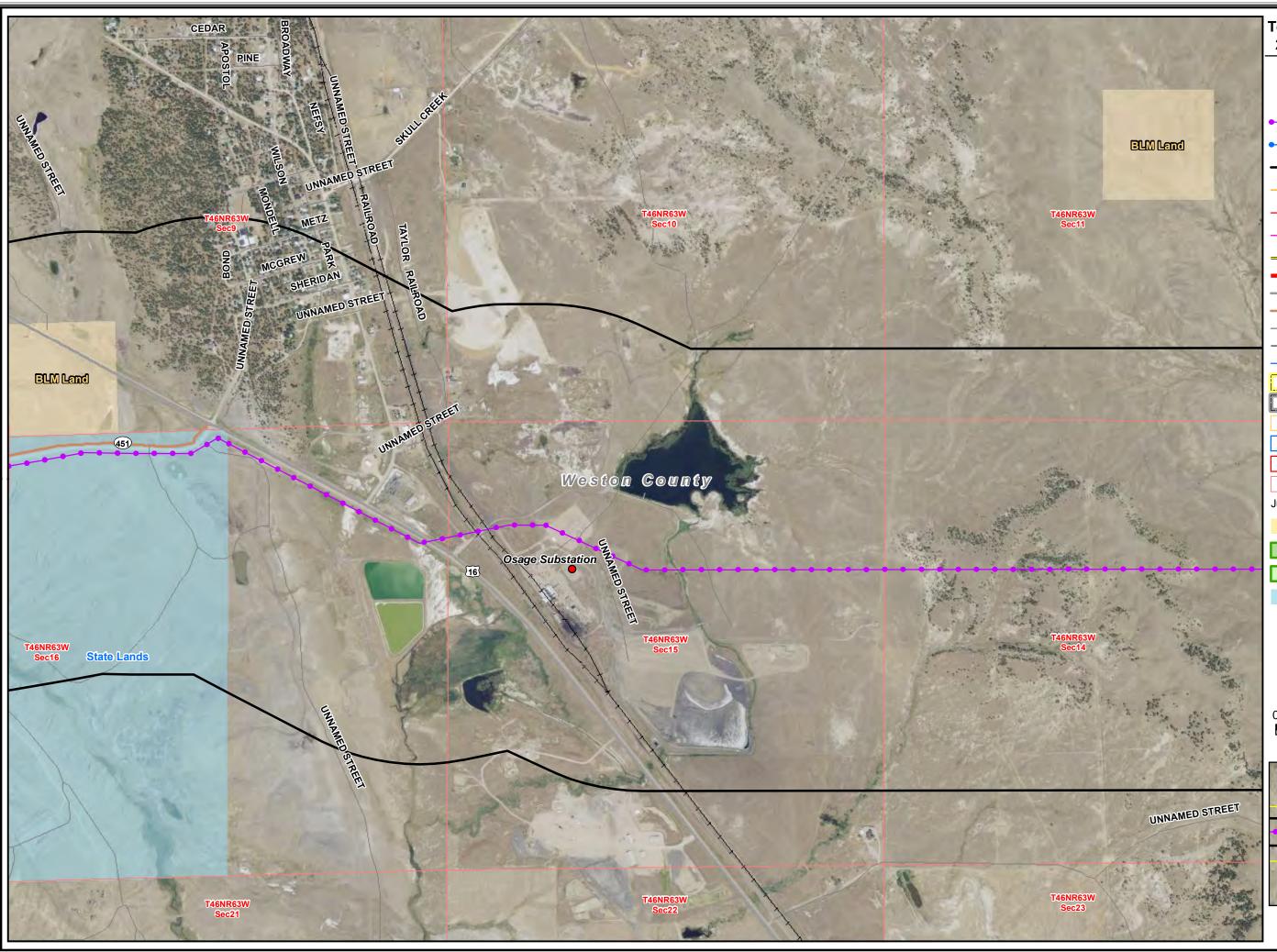




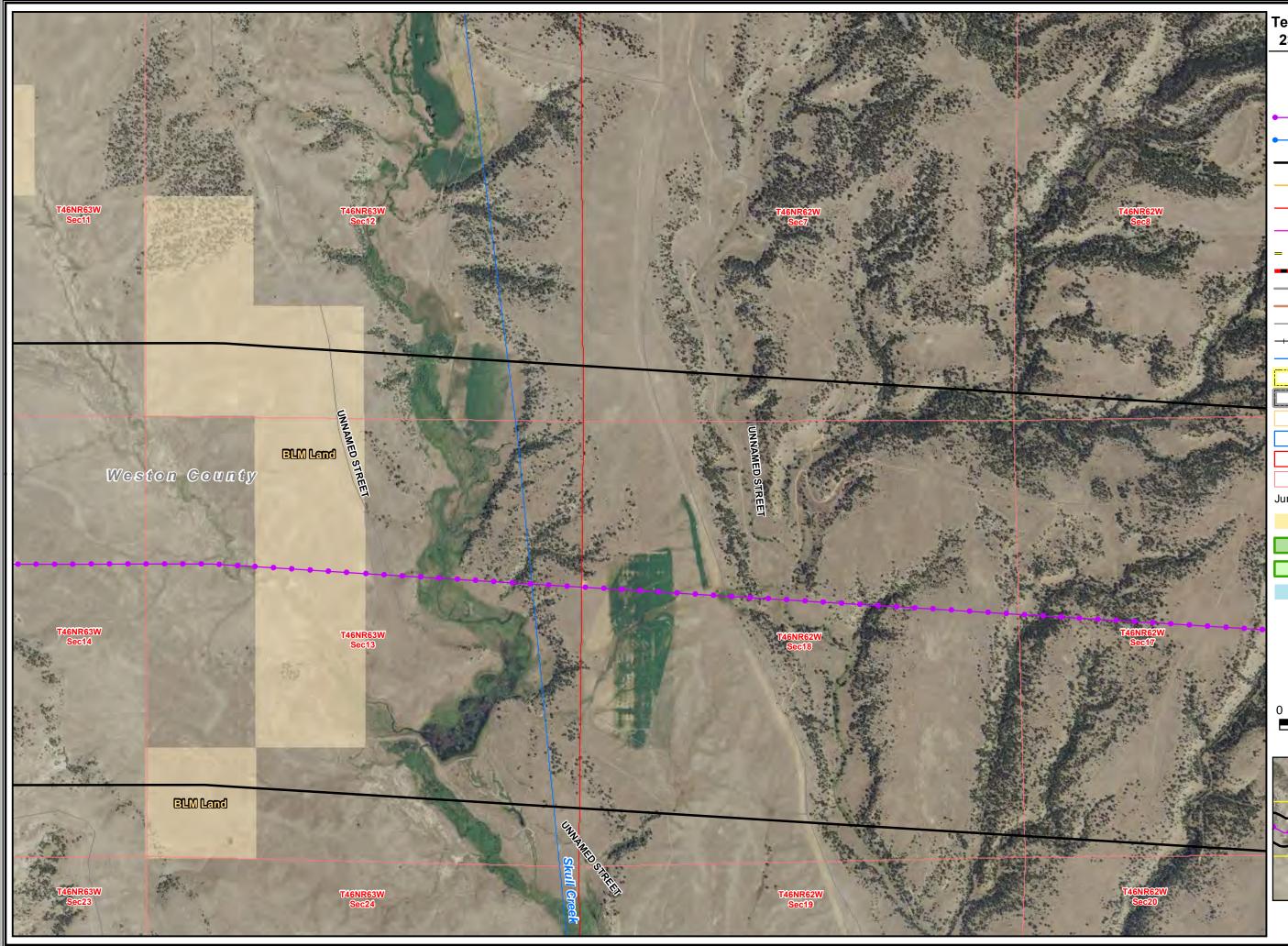
	LEGEND		
•	Existing Substation		
*	Point of Interest		
••	Proposed Action		
••	Site Specific Design Modification		
	1/2 Mile Buffer		
	Existing ROW/ Overland Travel		
	Overland Travel No	ot In ROW	
	Existing Road- May To Be Improved	/ Need	
	New Spur Road		
	Interstate		
	US Highway		
	State Highway		
	Major Road		
	Railroad		
	Stream		
	State Boundary		
	County Boundary		
	City or Town		
	Major Water Body		
	Township/ Range E	Boundary	
	Section Boundary		
Jurisdictio	2	`	
Jurisdictional Land Ownership Bureau of Land Management Land			
	U.S. Forest Service	and	
	Thunder Basin Nat		
	Grassland		
	State Land		
	Ņ		
	\wedge		
0 50	00 1,000 1,500	2,000	
	50 1,000 1,300	2,000	
	Feet		
Plo	P17	A. C.	
		21913	
016	017	018	
		1000	
1.	A Start Start	and -	
	Local Inset Map		
Figu	re F-35	06-26-13	



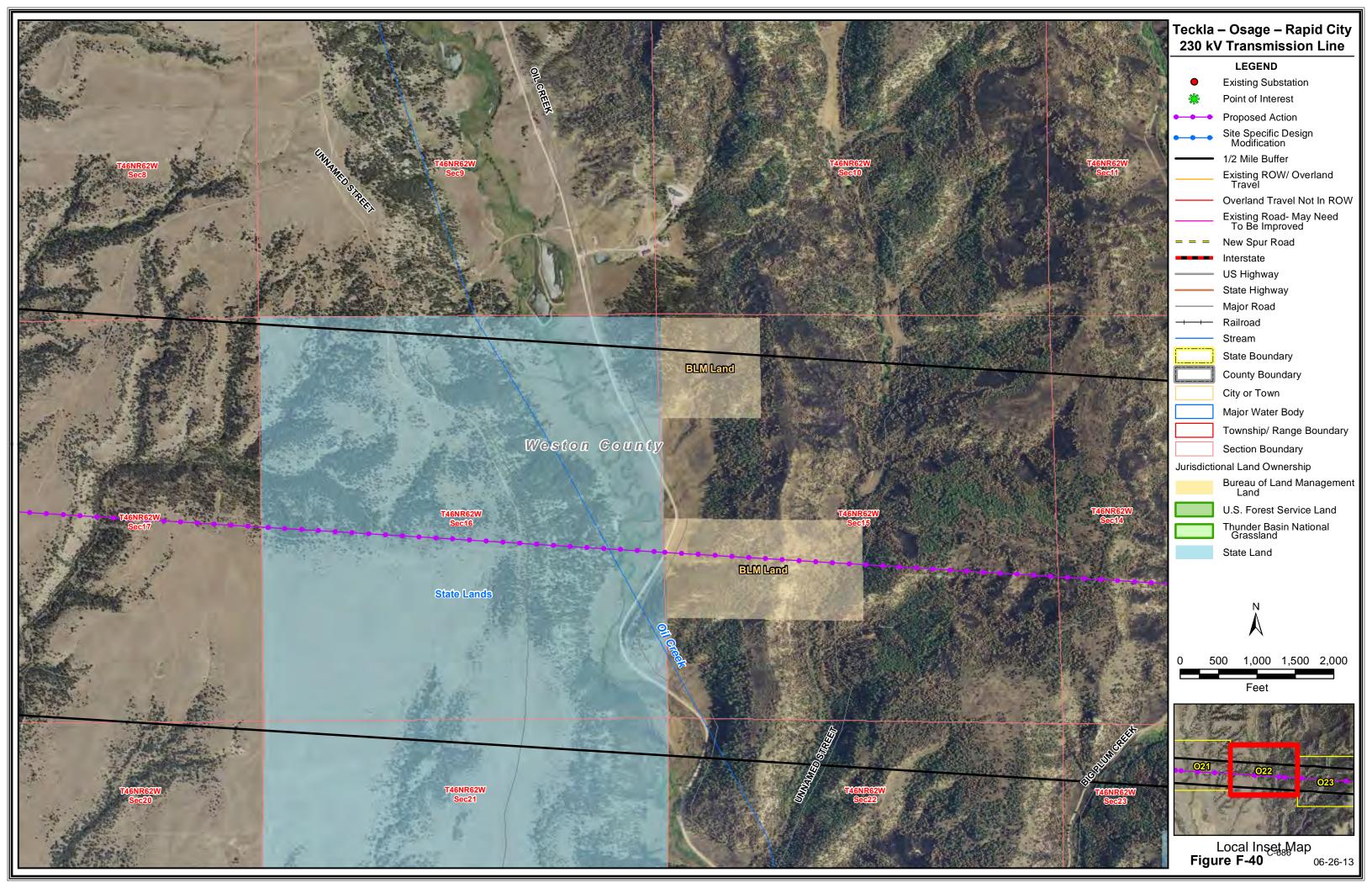


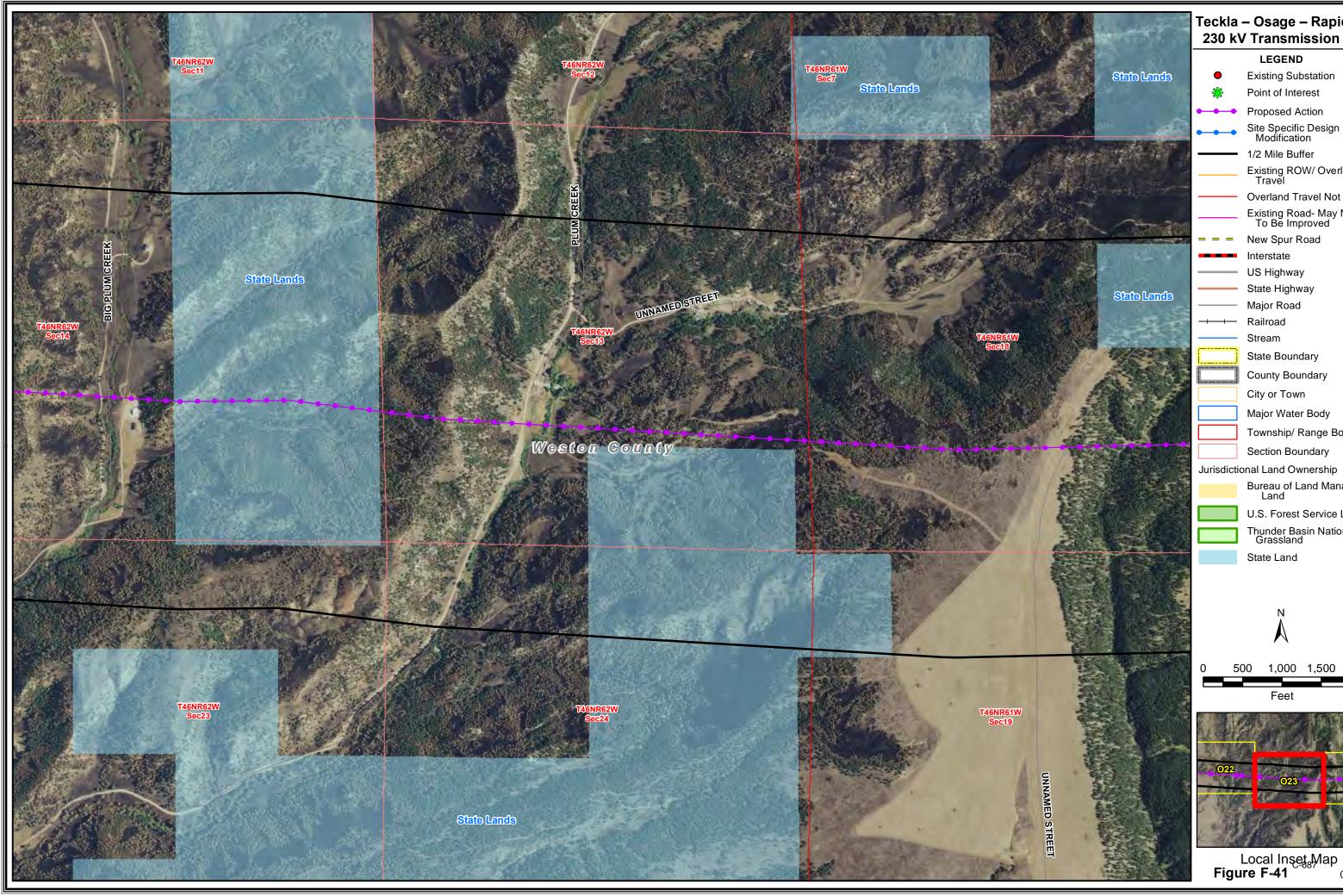


230 KV		
	LEGEND	
•	Existing Substation	
*	Point of Interest	
• • •	Proposed Action	
• • •	Site Specific Design Modification	
	1/2 Mile Buffer	
	Existing ROW/ Overland Travel	
	Overland Travel Not In ROW	
	Existing Road- May Need To Be Improved	
	New Spur Road	
	Interstate	
	US Highway	
	State Highway	
	Major Road	
	Railroad	
	Stream	
	State Boundary	
	County Boundary	
	City or Town	
	Major Water Body	
	Township/ Range Boundary	
	Section Boundary	
Jurisdictio	onal Land Ownership	
	Bureau of Land Management Land	
	U.S. Forest Service Land	
	Thunder Basin National	
	Grassland	
	State Land	
	N A	
	\wedge	
0 50	00 1,000 1,500 2,000	
	Feet	
1 4		
019	020 021	
A VE	AT AT AT	
- /		
78.0	1	
Figu	Local Inset Map re F-38 06-26-13	

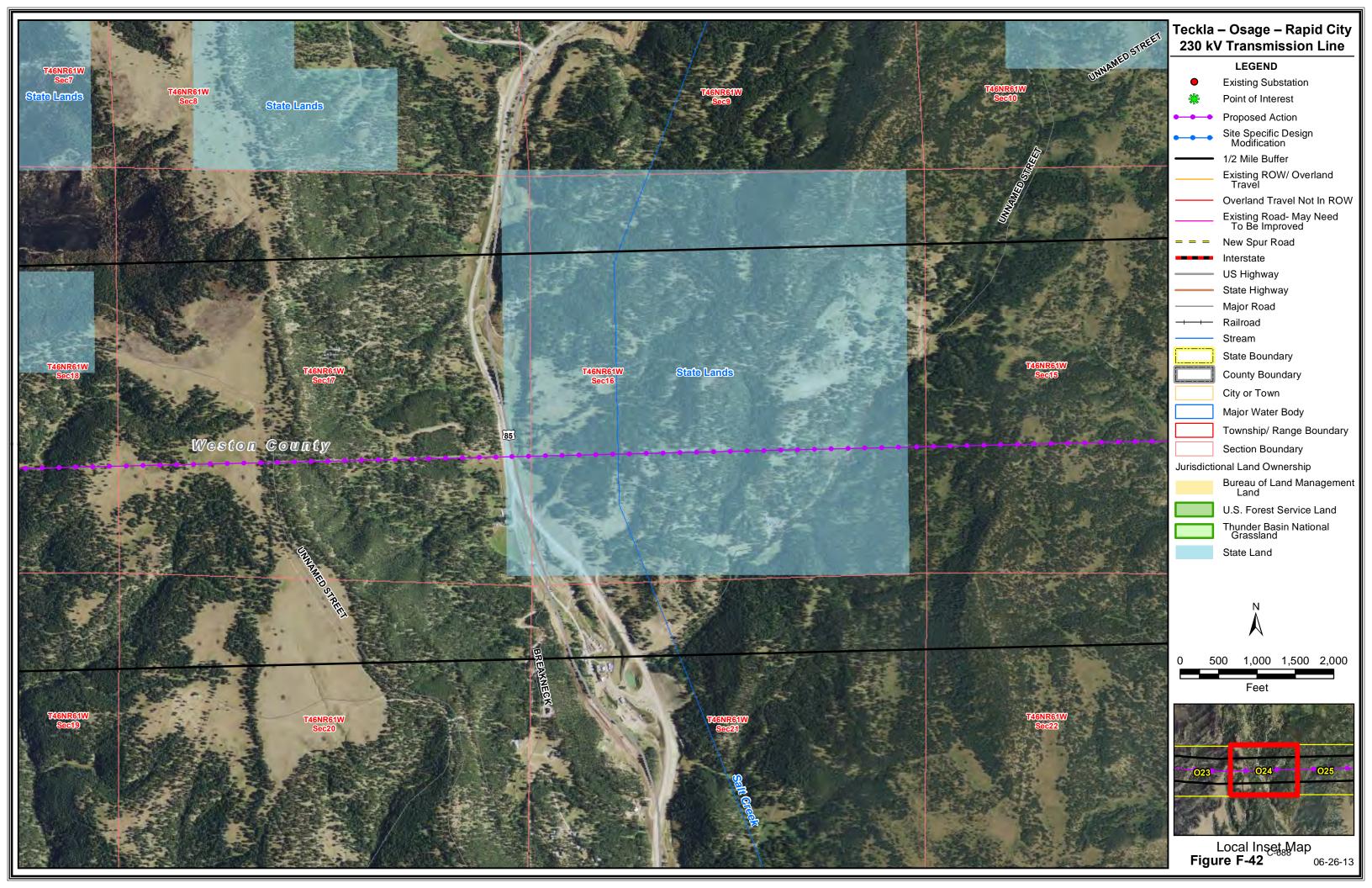


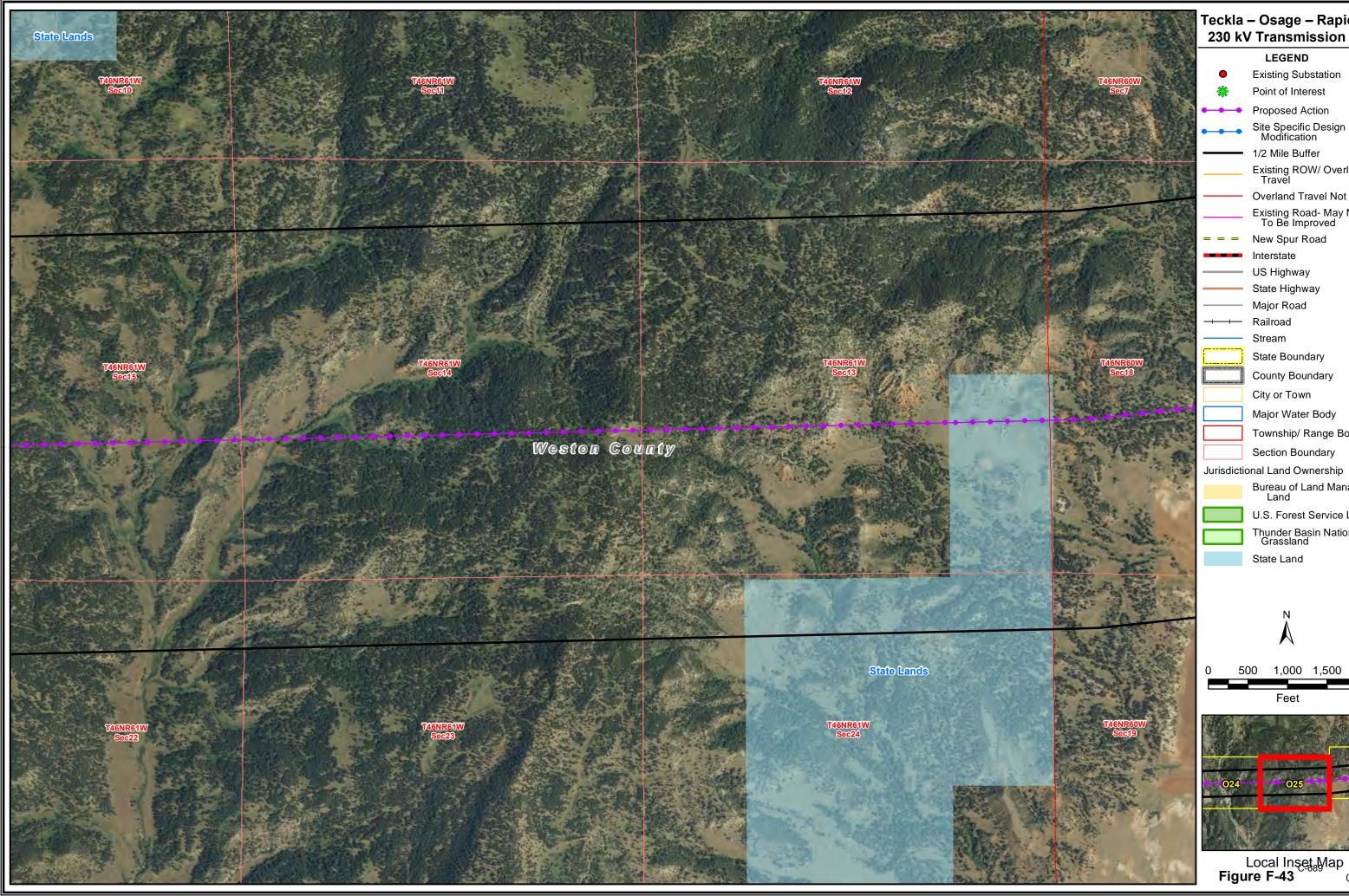
200 111		
	LEGEND	
•	Existing Substation	
*	Point of Interest	
• • •	Proposed Action	
••	Site Specific Design Modification	
	1/2 Mile Buffer	
	Existing ROW/ Overland Travel	
	Overland Travel Not In ROW	
	Existing Road- May Need To Be Improved	
	New Spur Road	
	Interstate	
	US Highway	
	State Highway	
	Major Road	
	Railroad	
	Stream	
	State Boundary	
	County Boundary	
	City or Town	
	Major Water Body	
	Township/ Range Boundary	
	Section Boundary	
Jurisdictio	onal Land Ownership	
	Bureau of Land Management Land	
	U.S. Forest Service Land	
	Thunder Basin National Grassland	
	State Land	
	Ň	
0 50	00 1,000 1,500 2,000	
	Feet	
Local Inset Map		
Figure F-39 06-26-13		



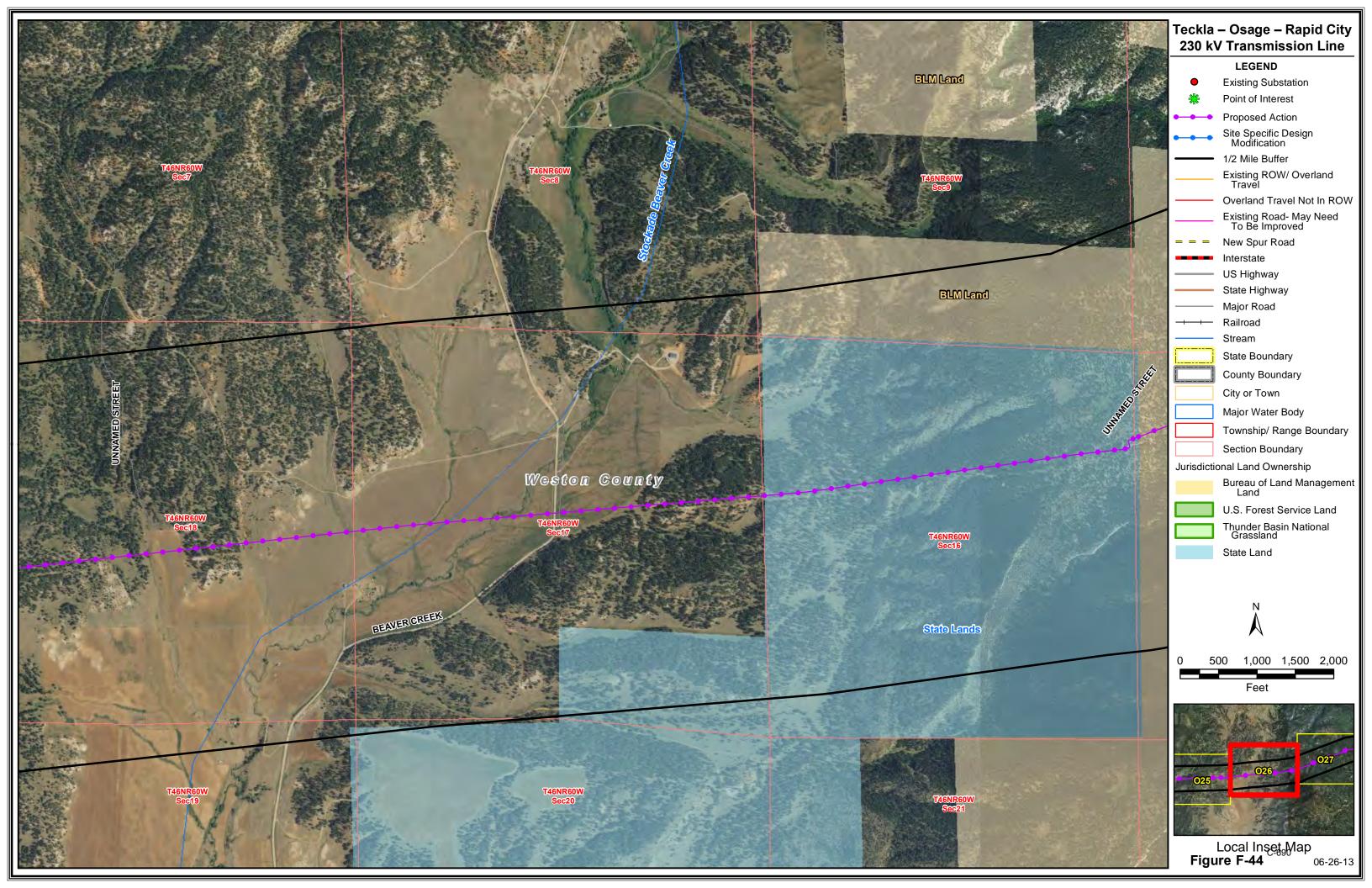


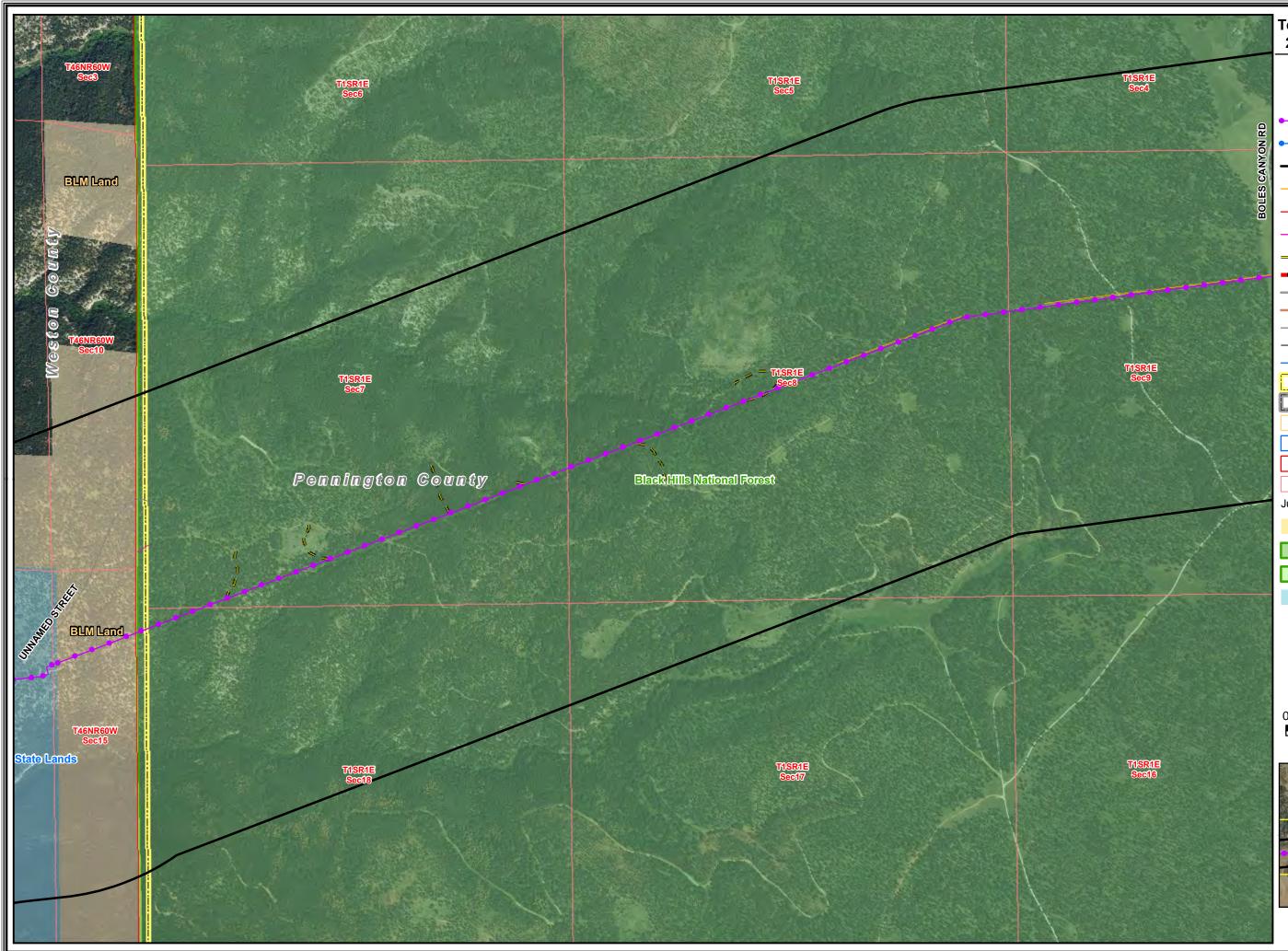
	LEGEND
•	Existing Substation
⋇	Point of Interest
•••	Proposed Action
	Site Specific Design Modification
	1/2 Mile Buffer
	Existing ROW/ Overland Travel
	Overland Travel Not In ROW
	Existing Road- May Need To Be Improved
	New Spur Road
	Interstate
	US Highway
	State Highway
	Major Road
	Railroad
	Stream
	State Boundary
	County Boundary
	City or Town
	Major Water Body
	Township/ Range Boundary
	Section Boundary
Jurisdictio	nal Land Ownership
	Bureau of Land Management Land
	U.S. Forest Service Land
	Thunder Basin National Grassland
	State Land
	Ν
	N
0 50	0 1,000 1,500 2,000
	Feet
	Feet
022	023 024
k Will	105 Wilde





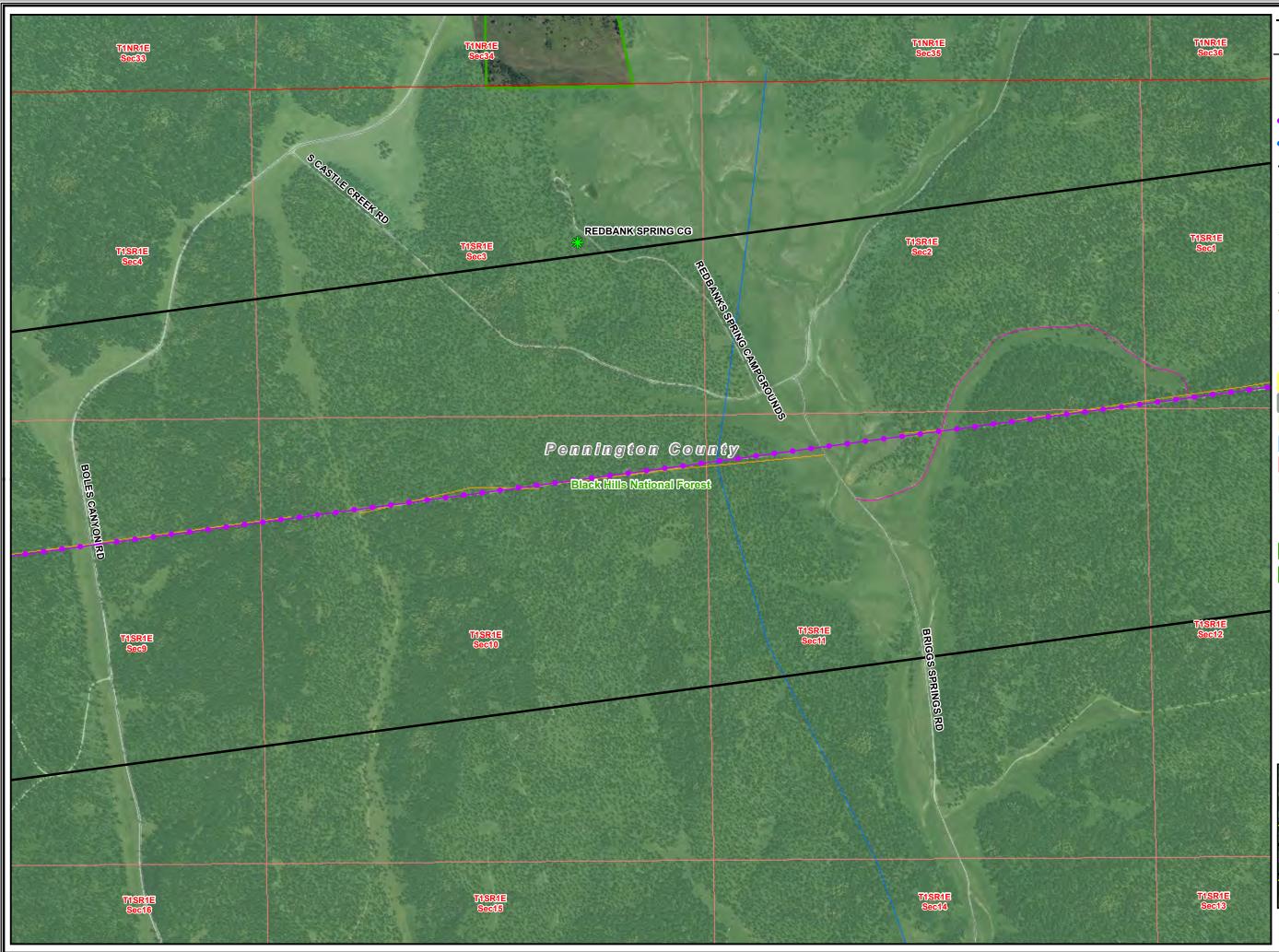
	LEGEND
•	Existing Substation
*	Point of Interest
• • •	Proposed Action
••	Site Specific Design Modification
	1/2 Mile Buffer
	Existing ROW/ Overland Travel
	Overland Travel Not In ROW
	Existing Road- May Need To Be Improved
	New Spur Road
	Interstate
	US Highway
	State Highway
	Major Road
	Railroad
	Stream
	State Boundary
	County Boundary
	City or Town
	Major Water Body
	Township/ Range Boundary
	Section Boundary
Jurisdictio	onal Land Ownership
	Bureau of Land Management Land
	U.S. Forest Service Land
	Thunder Basin National Grassland
	State Land
	N A
	\wedge
0 50	0 4 000 4 500 0 000
0 50	00 1,000 1,500 2,000
	Feet
alle A	
Se Con	
1	
024	026
	STORE YE - 200
W.	Carlos
Statistics of the	ocal Inset Man





	LEGEND	
•	Existing Substation	
*	Point of Interest	
••••	Proposed Action	
••	Site Specific Design Modification	
	1/2 Mile Buffer	
	Existing ROW/ Overland Travel	
	Overland Travel Not In ROW	
	Existing Road- May Need To Be Improved	
	New Spur Road	
	Interstate	
	US Highway	
	State Highway	
	Major Road	
	Railroad	
	Stream	
	State Boundary	
	County Boundary	
	City or Town	
	-	
	Major Water Body	
	Township/ Range Boundary	
	Section Boundary	
Jurisdictio	onal Land Ownership	
	Bureau of Land Management Land	
	U.S. Forest Service Land	
	Thunder Basin National Grassland	
	State Land	
	State Lanu	
	N A	
	\mathbf{A}	
0 50	00 1,000 1,500 2,000	
	Feet	
025 027 P28		
Local Inset Map		

Local Inset Map Figure F-45

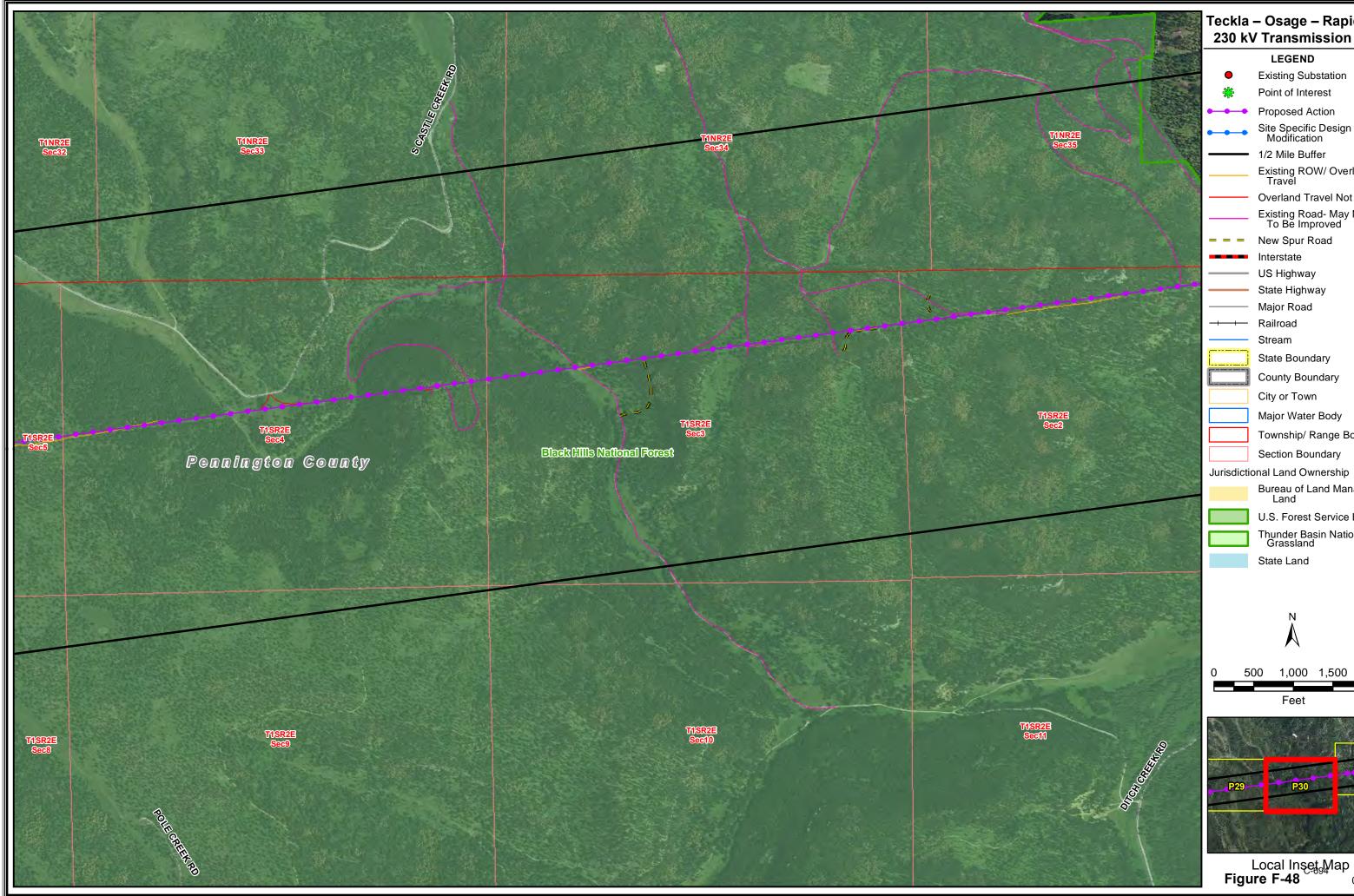


230 K	/ Transmission Line	
	LEGEND	
•	Existing Substation	
*	Point of Interest	
••	Proposed Action	
••	Site Specific Design Modification	
	1/2 Mile Buffer	
	Existing ROW/ Overland Travel	
	Overland Travel Not In ROW	
	Existing Road- May Need To Be Improved	
	New Spur Road	
	Interstate	
	US Highway	
	State Highway	
	Major Road	
	Railroad	
	Stream	
	State Boundary	
	County Boundary	
	City or Town	
	Major Water Body	
	Township/ Range Boundary	
	Section Boundary	
Jurisdictio	onal Land Ownership	
	Bureau of Land Management Land	
	U.S. Forest Service Land	
	Thunder Basin National	
	Grassland	
	State Land	
	Ň	
0 50	00 1,000 1,500 2,000	
	Feet	
P29 P29 P29 P29 P29 P29 P29 P29 P29 P29		
Figu	re F-46 06-26-13	

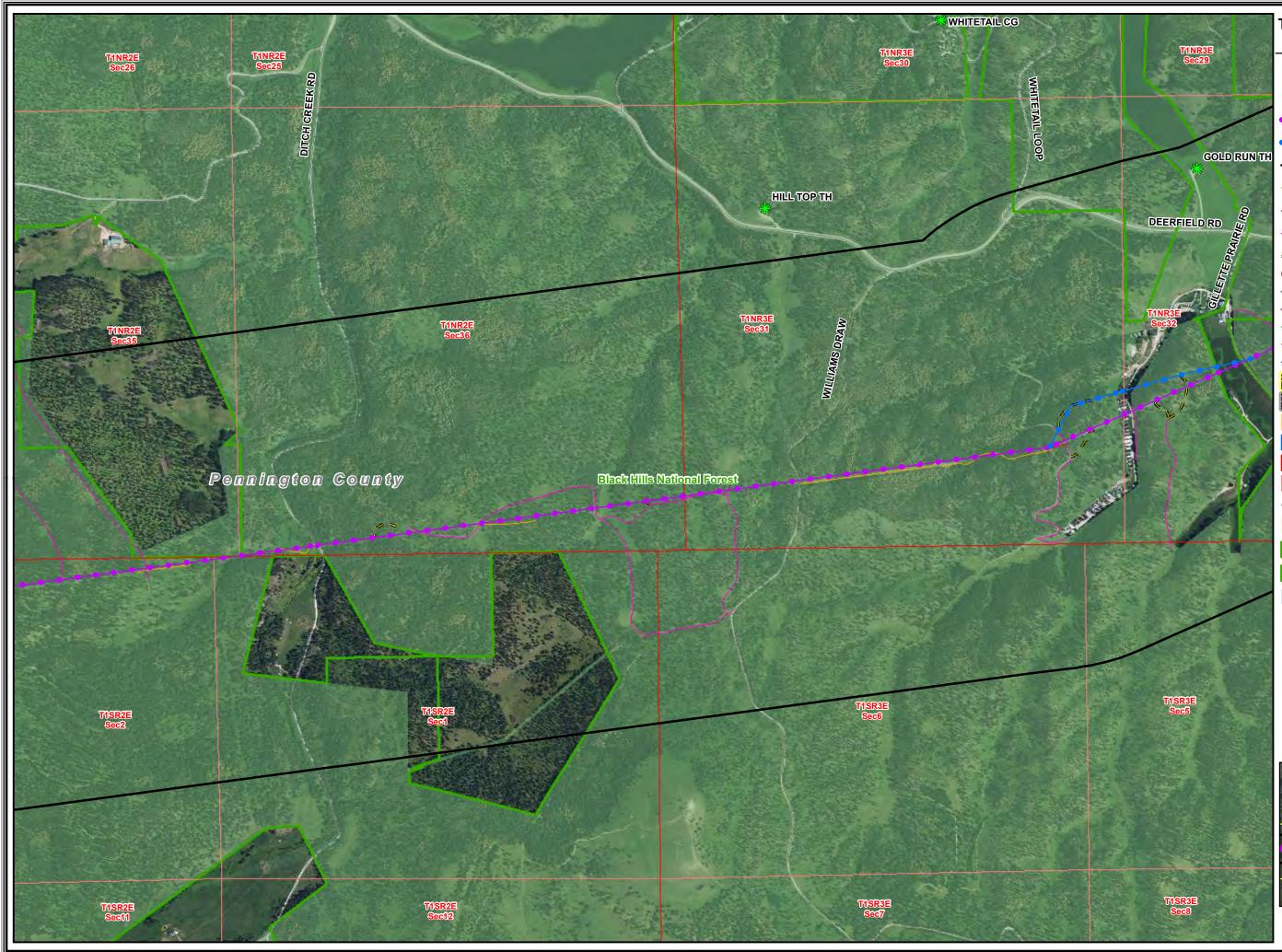


230 K	
	LEGEND
•	Existing Substation
*	Point of Interest
••	Proposed Action
• • •	Site Specific Design Modification
	1/2 Mile Buffer
	Existing ROW/ Overland Travel
	Overland Travel Not In ROW
	Existing Road- May Need To Be Improved
	New Spur Road
	Interstate
	US Highway
	State Highway
	Major Road
	Railroad
	Stream
	State Boundary
	County Boundary
	City or Town
	Major Water Body
	Township/ Range Boundary
	Section Boundary
Jurisdictio	onal Land Ownership
	Bureau of Land Management Land
	U.S. Forest Service Land
	Thunder Basin National Grassland
	State Land
	Ν
	\bigwedge
0 50	00 1,000 1,500 2,000
	Fact
	Feet
Soi Con	A DESCRIPTION
198- V 7439 1	P29 P30
P28	
	S AND ASS STORE
1.1	
	Local Inset Map
	-093 ····

Local Ins<u>e</u>t Map Figure F-47

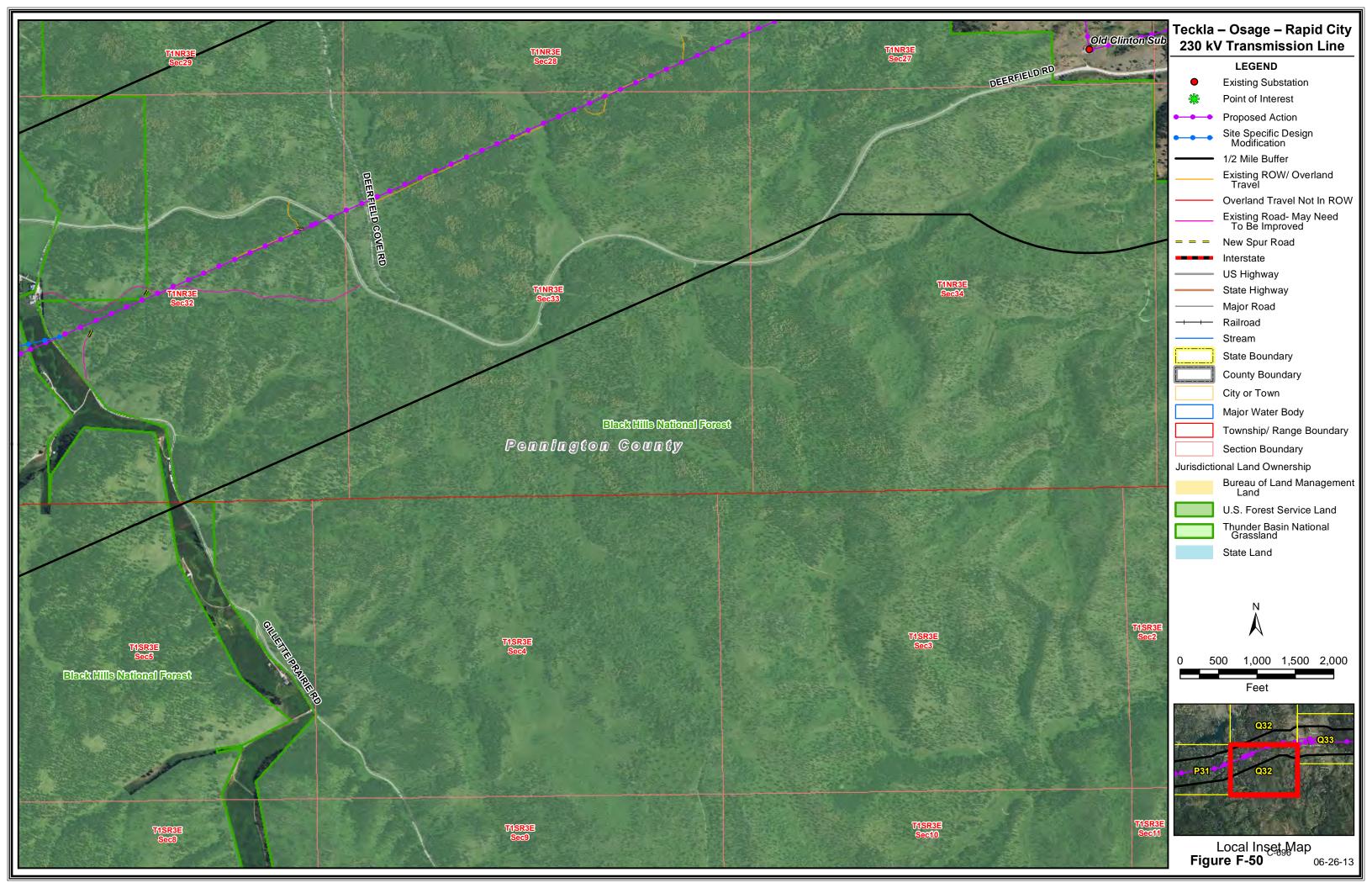


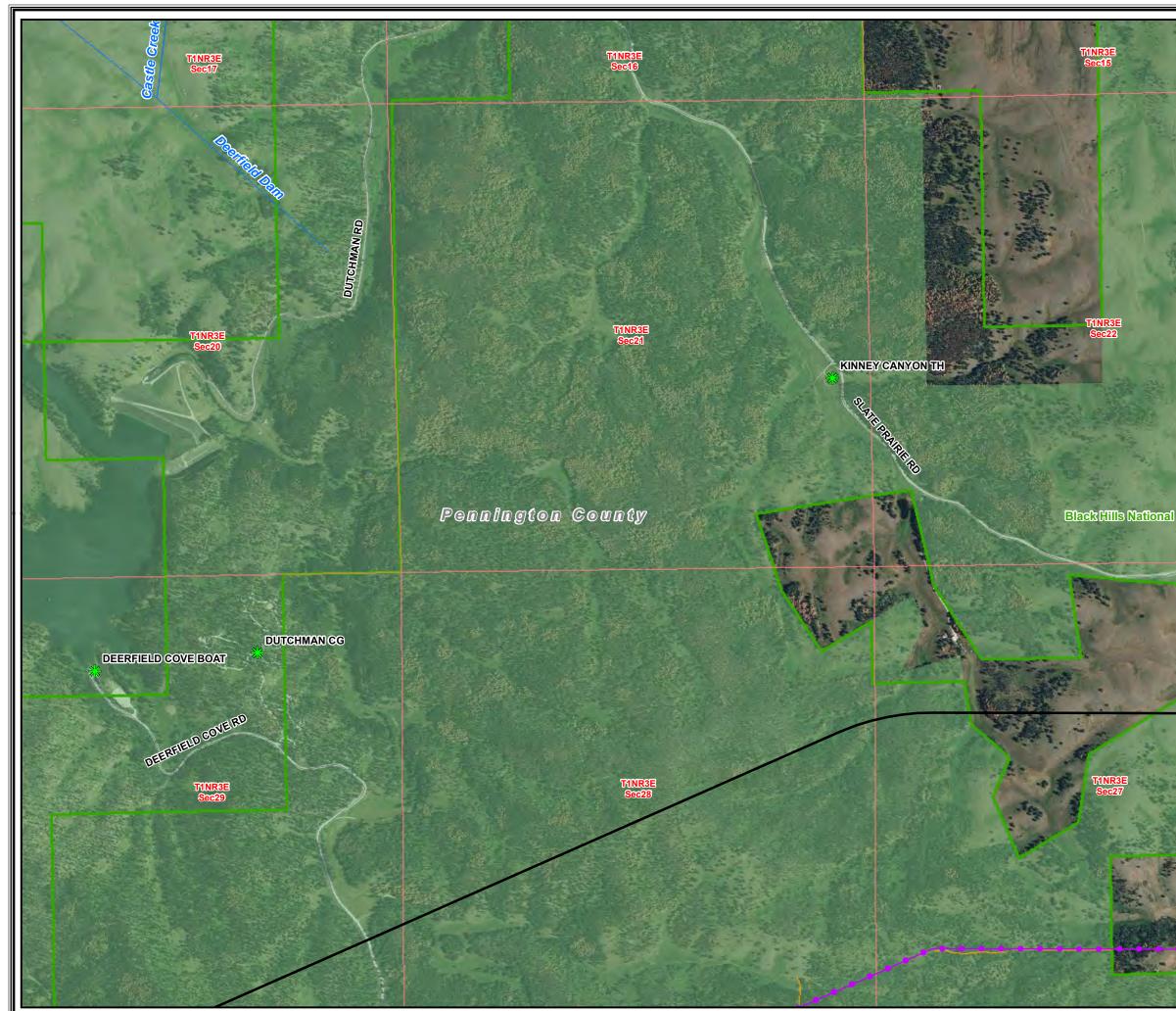
230 KV	Transmission Line
	LEGEND
•	Existing Substation
₩	Point of Interest
••••	Proposed Action
• • •	Site Specific Design Modification
	1/2 Mile Buffer
	Existing ROW/ Overland Travel
	Overland Travel Not In ROW
	Existing Road- May Need To Be Improved
	New Spur Road
	Interstate
	US Highway
	State Highway
	Major Road
	Railroad
	Stream
	State Boundary
	County Boundary
	City or Town
	Major Water Body
	Township/ Range Boundary
	Section Boundary
luriadiatia	
Junsaicuc	nal Land Ownership
	Bureau of Land Management Land
	U.S. Forest Service Land
	Thunder Basin National Grassland
	State Land
	Ņ
	Ň
0 50	00 1,000 1,500 2,000
	Feet
P29	P30
143 I.W.	
1. 1.	
The star	
[_ocal Inset_Map



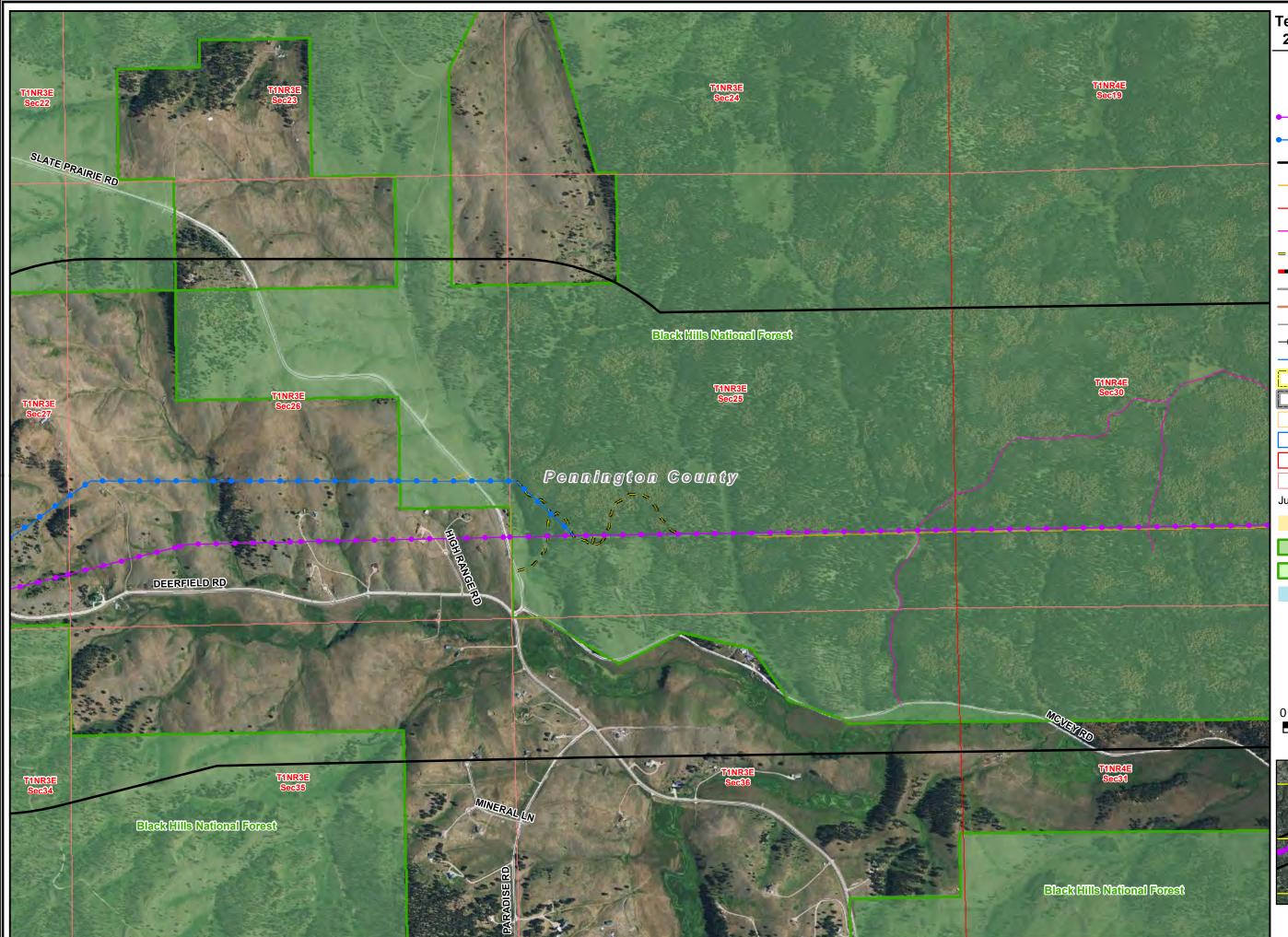
230 KV	Iransmission Line		
	LEGEND		
•	Existing Substation		
₩	Point of Interest		
•-•-•	Proposed Action		
• • •	Site Specific Design Modification		
	1/2 Mile Buffer		
	Existing ROW/ Overland Travel		
	Overland Travel Not In ROW		
	Existing Road- May Need To Be Improved		
	New Spur Road		
	Interstate		
	US Highway		
	State Highway		
	Major Road		
	Railroad		
	Stream		
	State Boundary		
	County Boundary		
	City or Town		
	-		
	Major Water Body		
	Township/ Range Boundary		
	Section Boundary		
Jurisdictic	onal Land Ownership		
	Bureau of Land Management Land		
	U.S. Forest Service Land		
	Thunder Basin National Grassland		
	State Land		
	Ν		
	×		
	\wedge		
0 50	00 1,000 1,500 2,000		
	Feet		
P30 P31 Q52			
1			
Local Inset Map			

Figure F-49

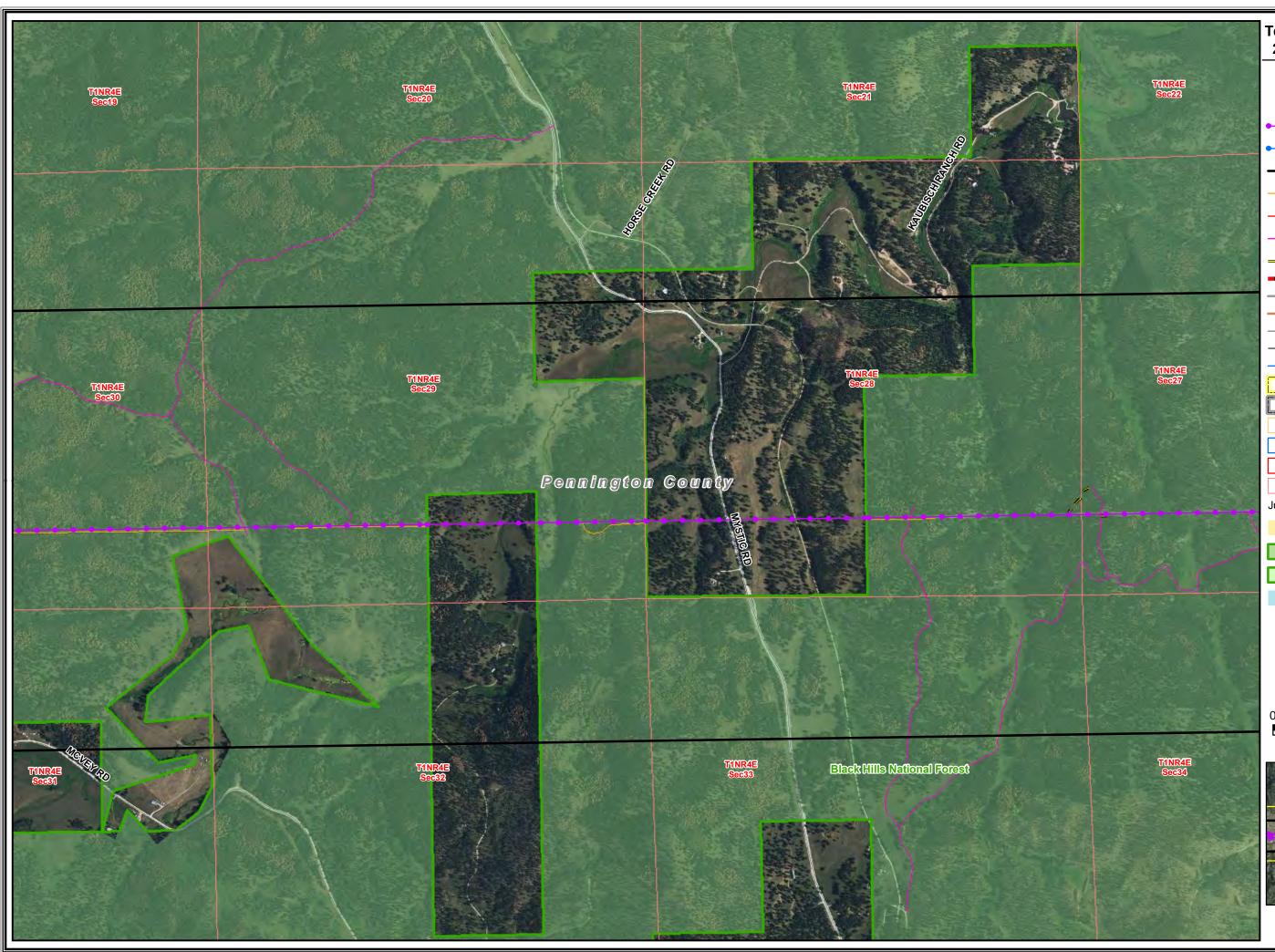




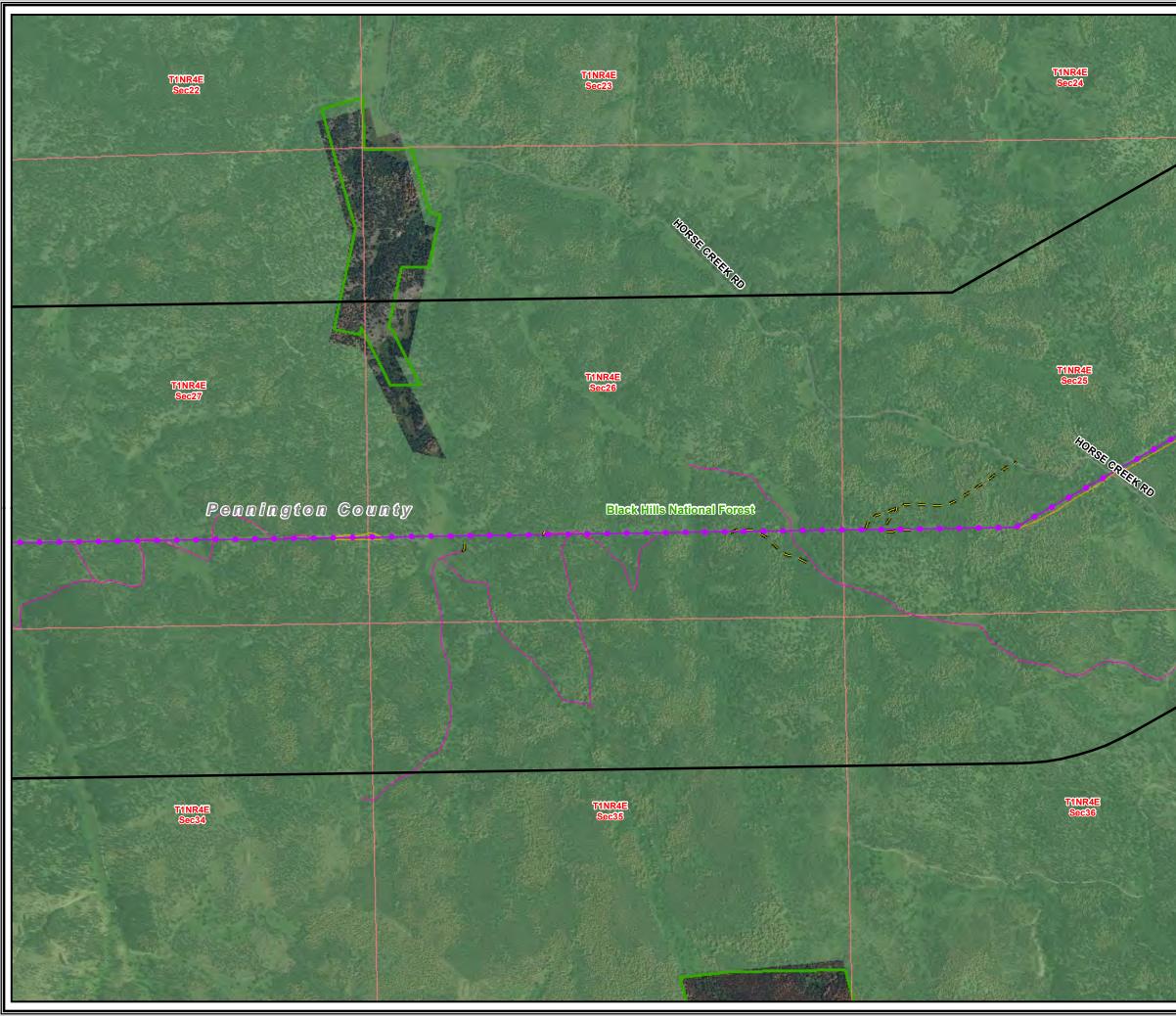
	Teckla – Osage – Rapid City 230 kV Transmission Line
1	LEGEND
NUMBER OF STREET	Existing Substation
	Point of Interest
	Proposed Action
	• Site Specific Design Modification
	1/2 Mile Buffer
	Existing ROW/ Overland Travel
	Overland Travel Not In ROW
	Existing Road- May Need To Be Improved
	= = = New Spur Road
	Interstate
	US Highway
	State Highway
	Major Road
ALL	─+──+ Railroad ───── Stream
	State Boundary
A CONTRACTOR	County Boundary
He Way M	City or Town
1	Major Water Body
	Township/ Range Boundary
Forest	Section Boundary
	Jurisdictional Land Ownership
1	Bureau of Land Management Land
	U.S. Forest Service Land
A man in the second of	Thunder Basin National
Mar ad	Grassland
1 A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	State Land
Contract to be	NI
- Part	N
A LE CONTRACTOR	\square
See Sector	0 500 4 000 4 500 0 000
Contraction of the second	0 500 1,000 1,500 2,000
	Feet
A A A A	
Carlos Carlos	
and the second s	AND A DRIVEN AND AND AND AND AND AND AND AND AND AN
	Q32
All in the All	839
· ·	P31 Q32
	P31 Q32
Old Clinton Sub	Local Inset Man
A REAL PROPERTY AND A REAL	Local Ins <u>et</u> ,Map Figure F-51 06-26-13



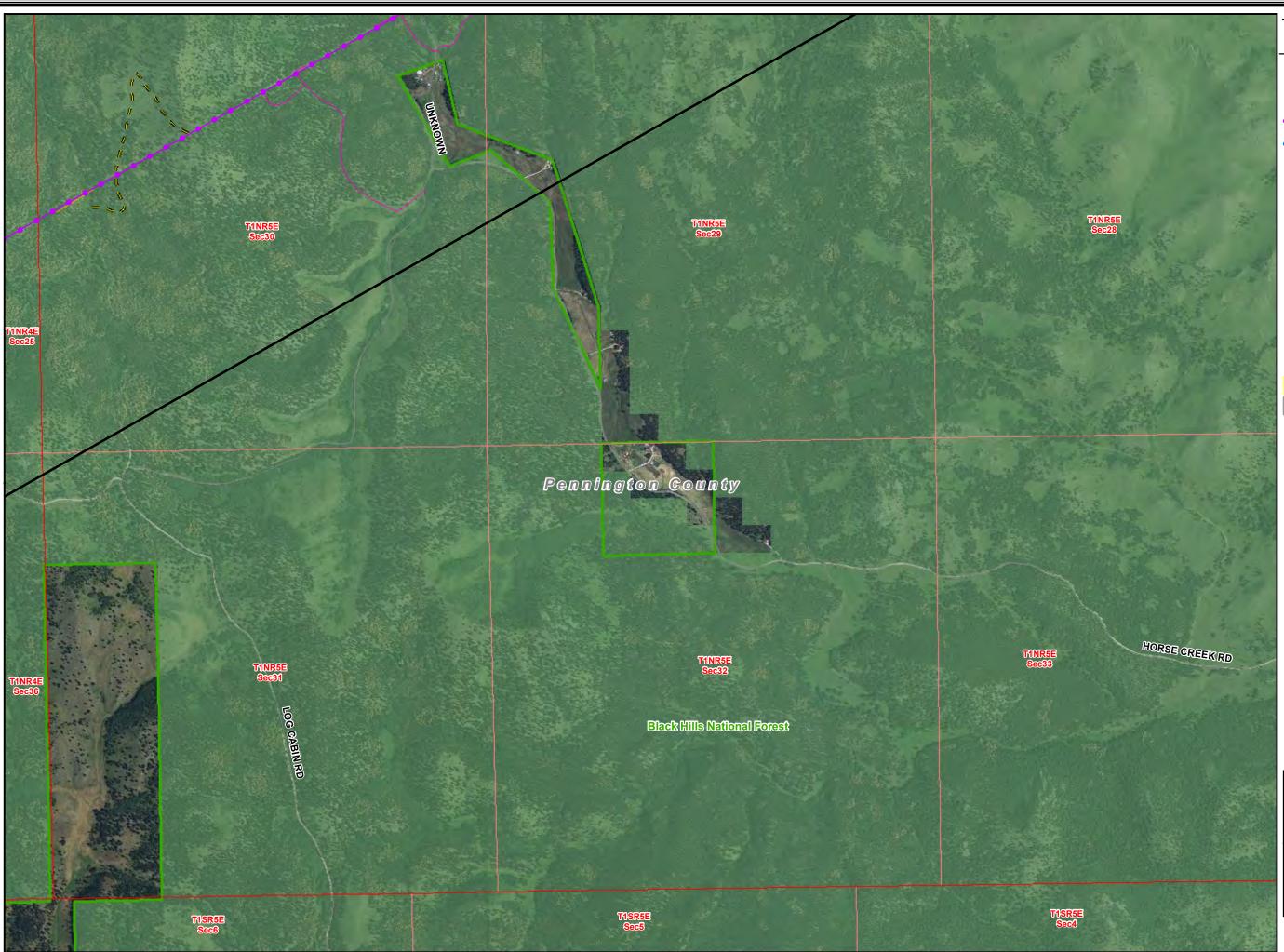
230 KV		
-	LEGEND	
•	Existing Substation	
*	Point of Interest	
••	Proposed Action	
• • •	Site Specific Design Modification	
	1/2 Mile Buffer	
	Existing ROW/ Overlan Travel	d
	Overland Travel Not In	ROW
	Existing Road- May Ne To Be Improved	ed
	New Spur Road	
	Interstate	
	US Highway	
	State Highway	
	Major Road	
	Railroad	
	Stream	
	State Boundary	
	County Boundary	
	City or Town	
	Major Water Body	
	Township/ Range Boun	dary
	Section Boundary	
lurisdictic	onal Land Ownership	
Junsuicuc	Bureau of Land Manage	ement
	Land	
	U.S. Forest Service Lar	-
	Thunder Basin Nationa Grassland	I
	State Land	
	N	
	\mathbf{A}	
	<i>,</i> , ,	
0 50	00 1,000 1,500 2,	,000
	Feet	
	NUMBER OF STREET	
932		
	Q33 Q3	4
Q32		2- XX.
	Hard Read In	1
		. K.
Local Inset Map Figure F-52 06-26-13		
···gu		20-13



230 KV	Iransmission Line
	LEGEND
•	Existing Substation
⋇	Point of Interest
••	Proposed Action
••	Site Specific Design Modification
	1/2 Mile Buffer
	Existing ROW/ Overland Travel
	Overland Travel Not In ROW
	Existing Road- May Need To Be Improved
	New Spur Road
	Interstate
	US Highway
	State Highway
	Major Road
	Railroad
	Stream
	State Boundary
	County Boundary
	City or Town
	-
	Major Water Body
	Township/ Range Boundary
	Section Boundary
Jurisdictio	onal Land Ownership
	Bureau of Land Management Land
	U.S. Forest Service Land
	Thunder Basin National
	Grassland
	State Land
	Ň
	\sim
0 50	00 1,000 1,500 2,000
	Feet
est boot Local Inset Map	
Local Inset,Map Figure F-53 06-26-13	

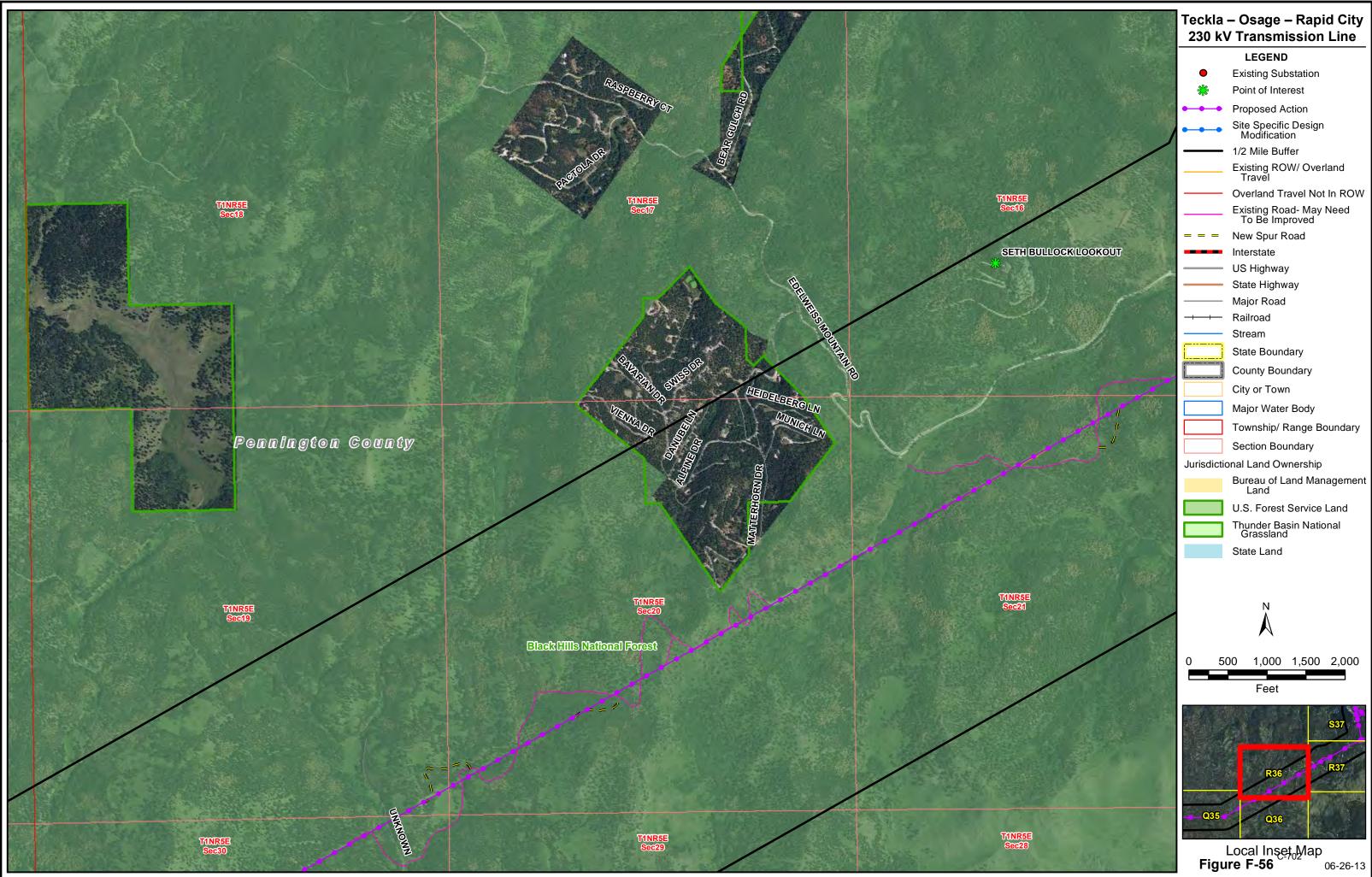


	Teckla – Osage – Rapid City 230 kV Transmission Line
T1NR5E Sec19	LEGEND
Geol a	Existing Substation
and a second	Point of Interest
	Proposed Action
	Site Specific Design Modification
	1/2 Mile Buffer
	Existing ROW/ Overland Travel
	Overland Travel Not In ROW
	Existing Road- May Need To Be Improved
	= = = New Spur Road
Contraction of the Contract	Interstate
CONCERNE AND	US Highway
	State Highway
TINR5E Sec30	— Major Road
Sec30	-++ Railroad Stream
1 A A A A	Stream Stream Stream Stream
C A Start A	County Boundary
	City or Town
A MARKAGE AND	Major Water Body
	Township/ Range Boundary
AND STREET	
	Section Boundary
A CARLER AND	Jurisdictional Land Ownership Bureau of Land Management
	Land
	U.S. Forest Service Land
	Thunder Basin National Grassland
	State Land
	NI
	N A
	\bowtie
	0 500 1,000 1,500 2,000
La barrier and	
	Feet
A SELECTION TO	
	R36
Milesters w	
	Q34Q35
N 743-22 A	Q36
	AND A CARLES
her off sectors and	Local Inset _o Map Figure F-54 06-26-13
	Figure F-54 06-26-13

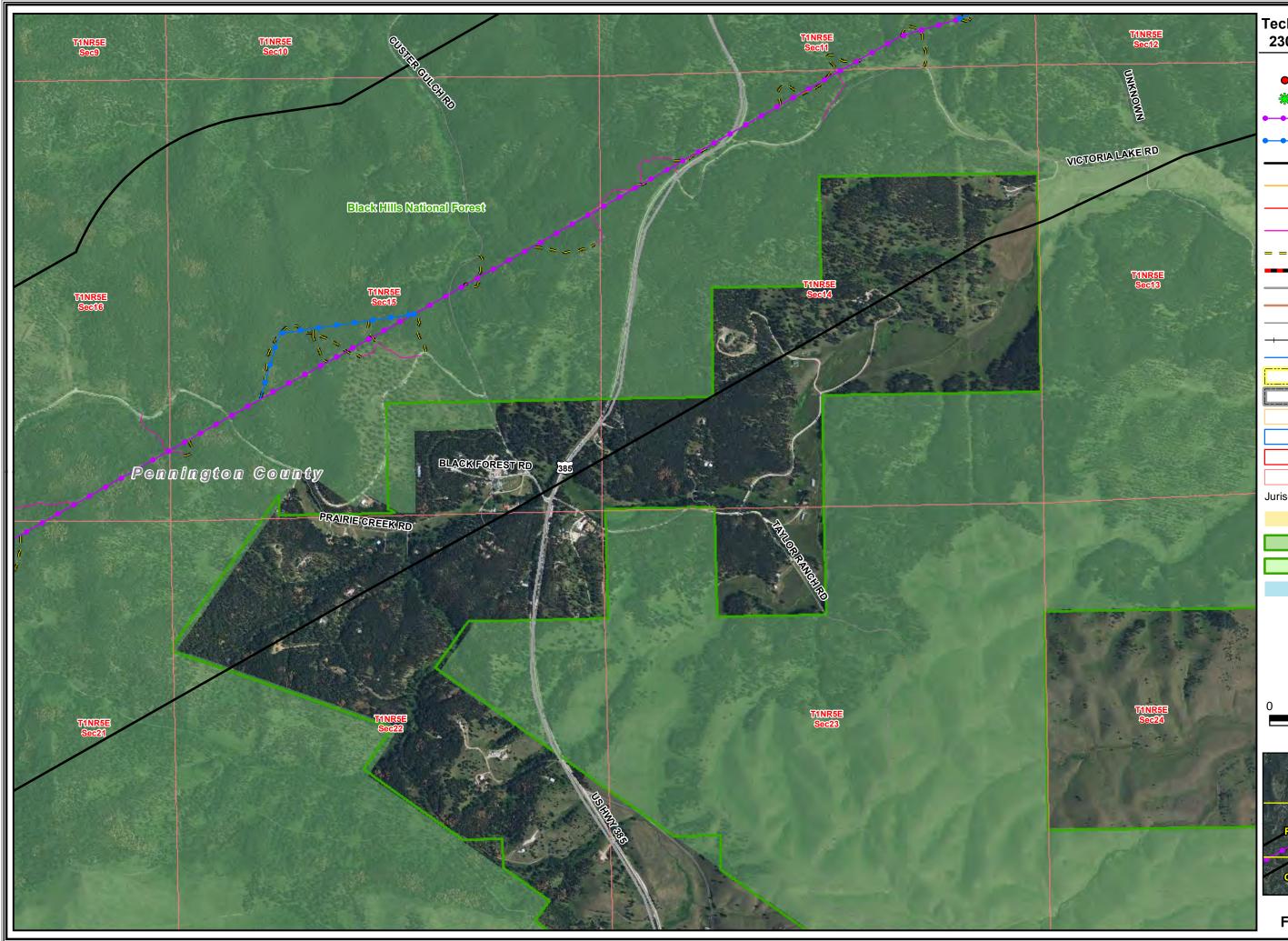


230 KV Transmission Line
LEGEND
Existing Substation
Point of Interest
Proposed Action
Site Specific Design Modification
1/2 Mile Buffer
Existing ROW/ Overland Travel
Overland Travel Not In ROW
Existing Road- May Need To Be Improved
= = = New Spur Road
Interstate
US Highway
State Highway
——— Major Road
<u> </u>
Stream
State Boundary
County Boundary
City or Town
Major Water Body
Township/ Range Boundary
Section Boundary
Jurisdictional Land Ownership
Bureau of Land Management
U.S. Forest Service Land
Grassland
State Land
N
N A
\square
0 500 1,000 1,500 2,000
Feet
R36 R37
Q35
Q36
CALL STATE AND A STATE OF STATE
and the second
Local Inşet _o Map

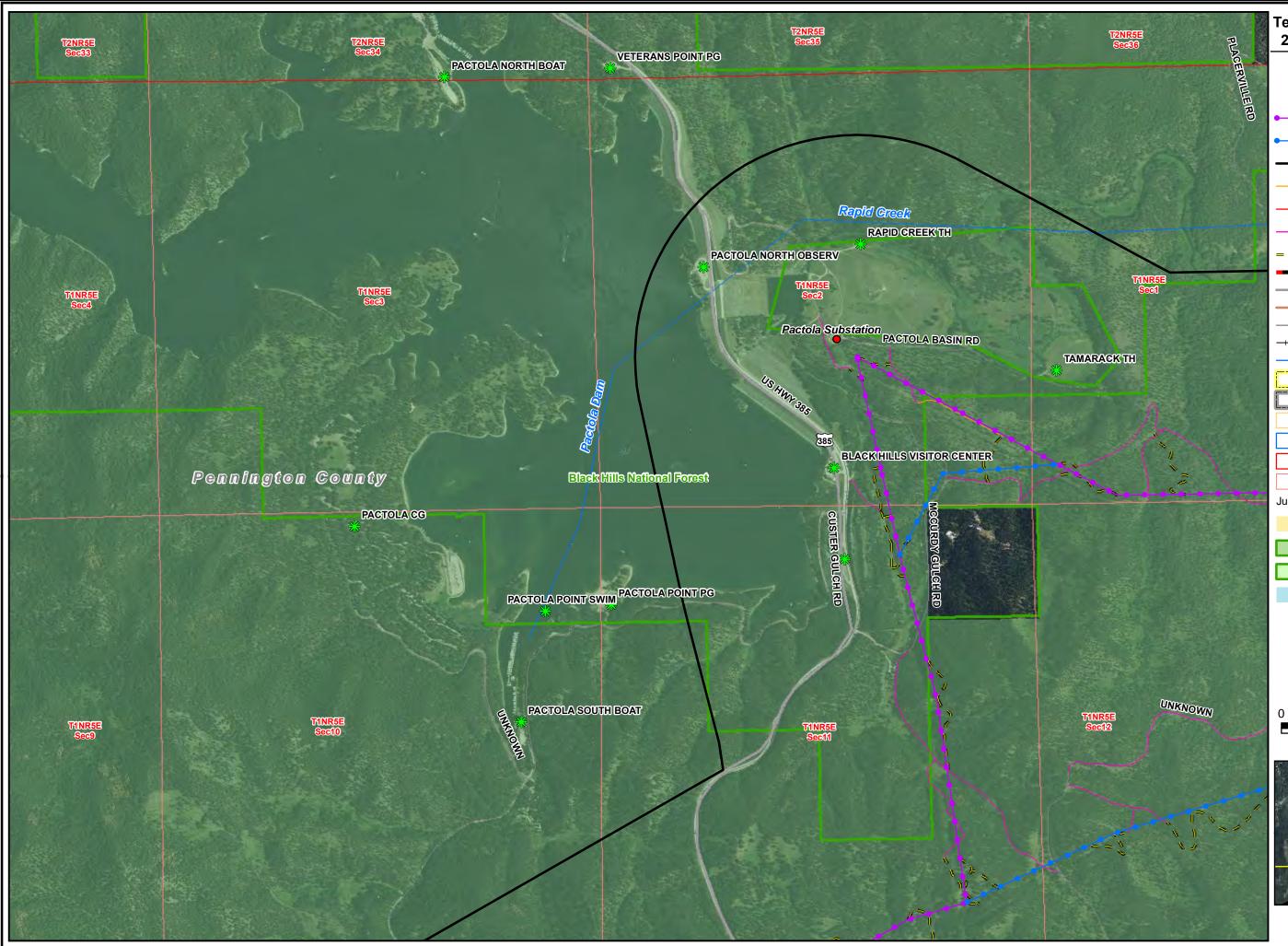
Local Inset,Map Figure F-55



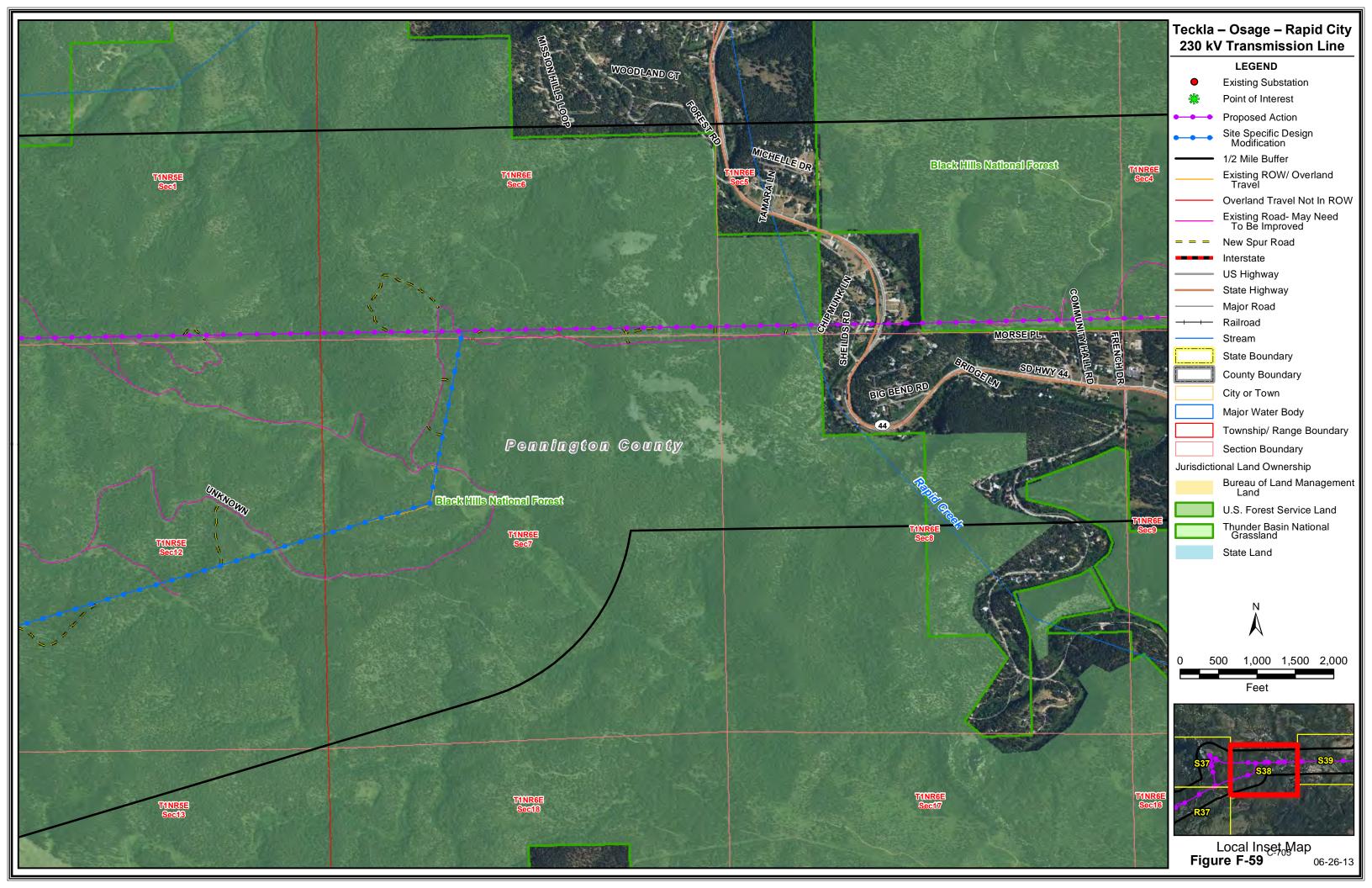
LEGEND	
•	Existing Substation
₩	Point of Interest
••	Proposed Action
••••	Site Specific Design Modification
	1/2 Mile Buffer
	Existing ROW/ Overland Travel
	Overland Travel Not In ROW Existing Road- May Need To Be Improved
	New Spur Road
	Interstate
	US Highway
	State Highway
	Major Road
-++	Railroad
	Stream
<u>ii</u>	State Boundary
	County Boundary
	City or Town
	Major Water Body
	Township/ Range Boundary
	Section Boundary
Jurisdictio	onal Land Ownership
	Bureau of Land Management Land
	U.S. Forest Service Land
	Thunder Basin National Grassland
	State Land
	Ň
0 50	00 1,000 1,500 2,000
	Feet
R36 R36 Q35 Q36	
Figu	Local Inset Map

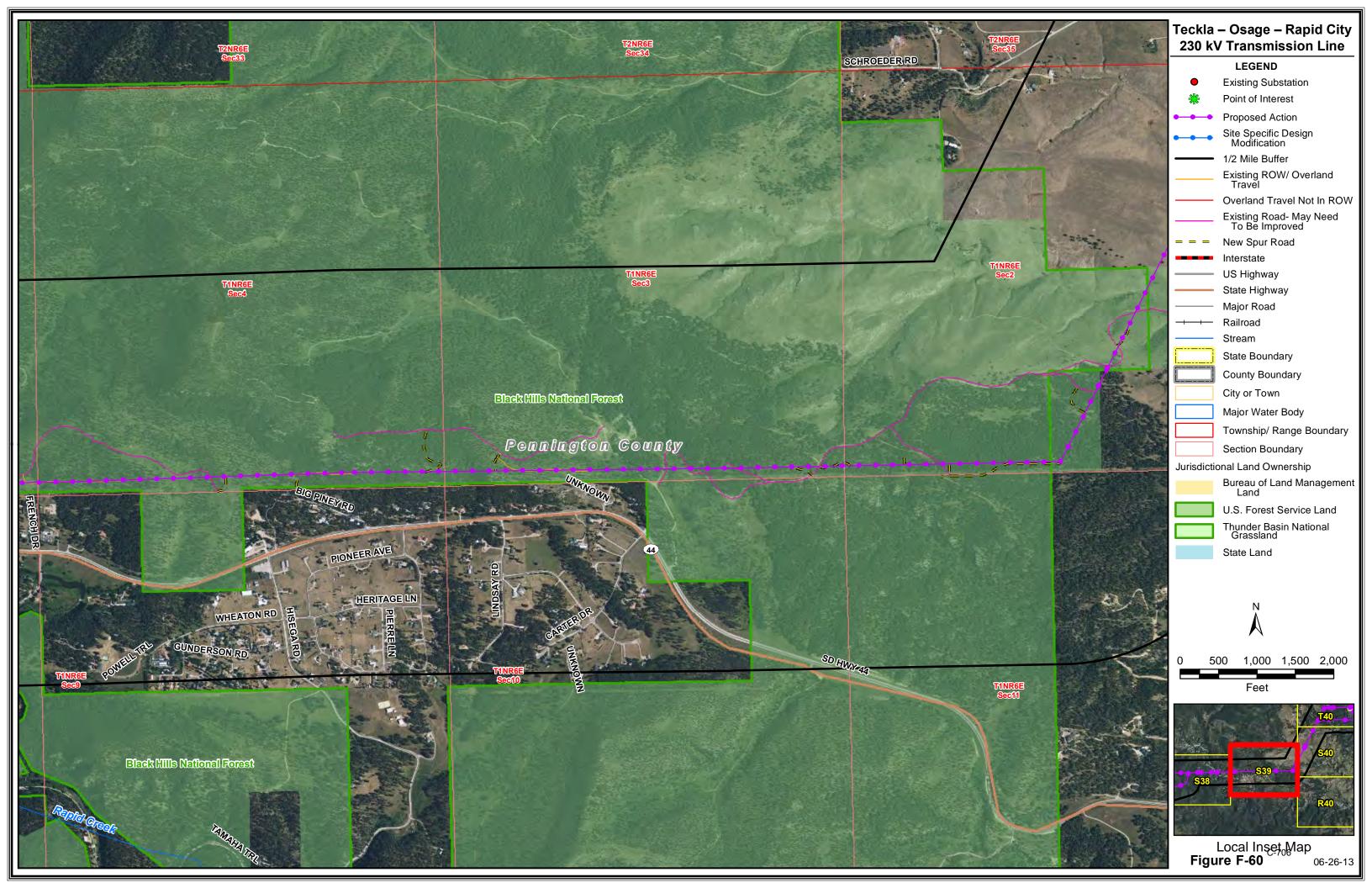


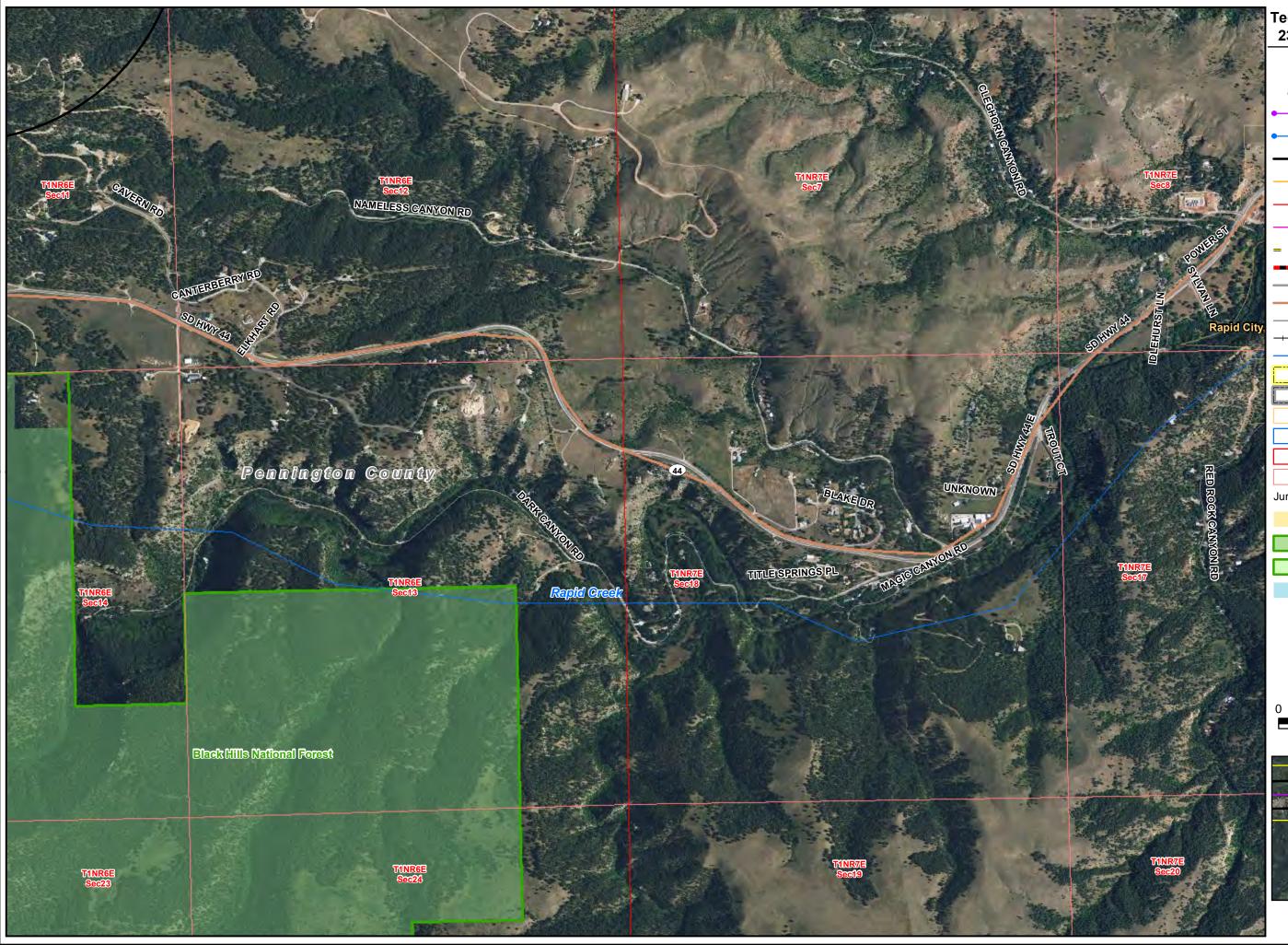
230 KI		
	LEGEND	
	Existing Substation	
*	Point of Interest	
•-••	Proposed Action	
•••	Site Specific Design Modification	
	1/2 Mile Buffer	
	Existing ROW/ Overland Travel	
	Overland Travel Not In ROW	
	Existing Road- May Need To Be Improved	
	New Spur Road	
	Interstate	
	US Highway	
	State Highway	
	Major Road	
	Railroad	
	Stream	
	State Boundary	
	County Boundary	
	City or Town	
	Major Water Body	
	Township/ Range Boundary	
	Section Boundary	
lunia di atia	-	
Jurisdictio	onal Land Ownership	
	Bureau of Land Management Land	
	U.S. Forest Service Land	
	Thunder Basin National Grassland	
	State Land	
	Ν	
	Ň	
	\sim	
0 50	00 1,000 1,500 2,000	
	JO 1,000 1,000 2,000	
	Feet	
	1 Para Can the second	
S37 S38		
R36	R36 R37	
and the second sec	CARGANIA STAN	
	2 Martin Contractor	
Q36	esta	
Local Inset _o Map		
Figu	re F-57 06-26-13	



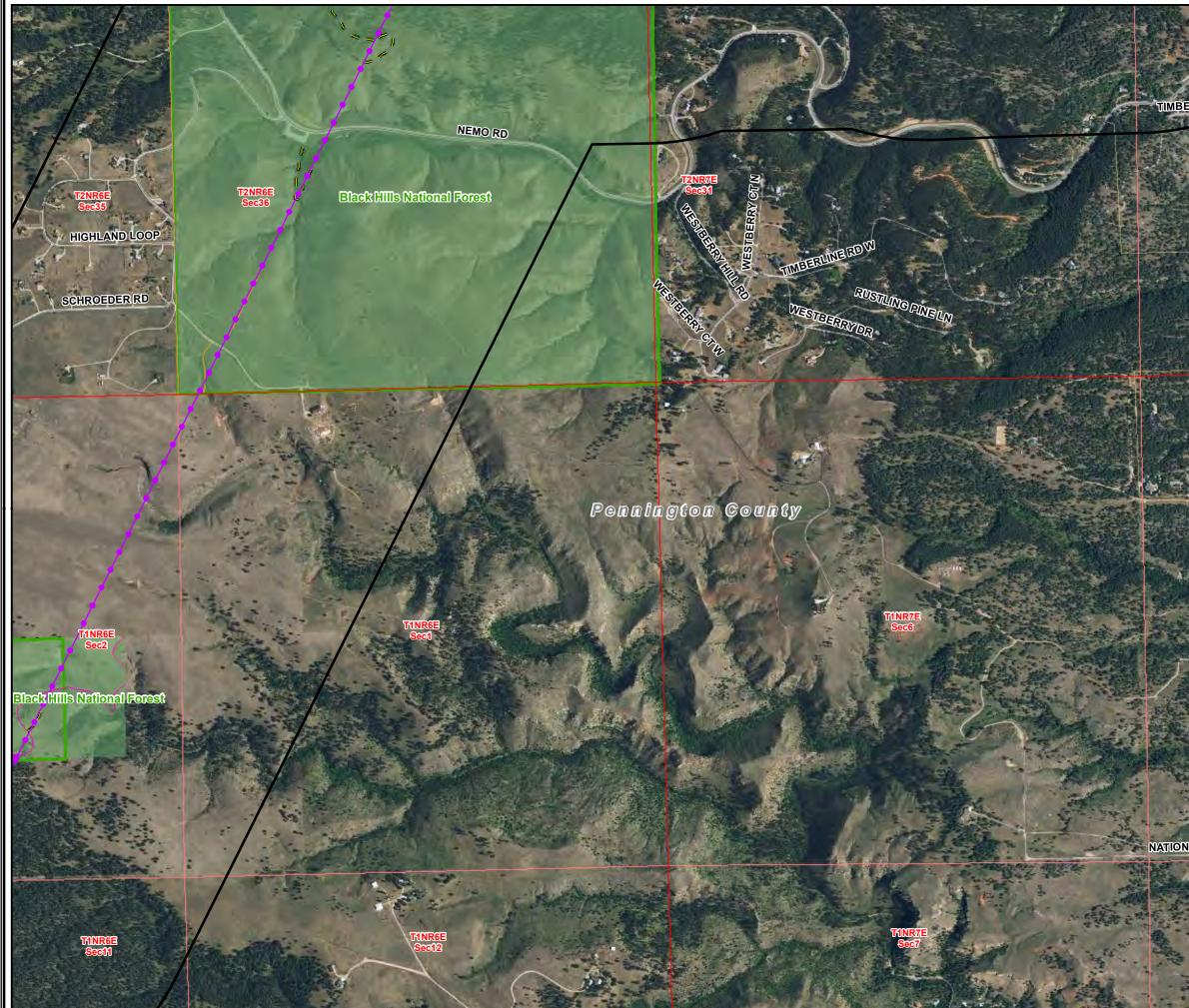
230 KV	/ Transmission Line
	LEGEND
•	Existing Substation
*	Point of Interest
••	Proposed Action
• • •	Site Specific Design Modification
	1/2 Mile Buffer
	Existing ROW/ Overland Travel
	Overland Travel Not In ROW
	Existing Road- May Need To Be Improved
	New Spur Road
	Interstate
	US Highway
	State Highway
	Major Road
_++	Railroad
	Stream
	State Boundary
	County Boundary
	City or Town
	-
	Major Water Body
	Township/ Range Boundary
	Section Boundary
Jurisdictic	onal Land Ownership
	Bureau of Land Management Land
	U.S. Forest Service Land
	Thunder Basin National
	Grassland
	State Land
	N
0 50	00 1,000 1,500 2,000
	Feet
S37 S38 R36 R37	
Local Inset ₀ Map	
Figu	re F-58 06-26-13



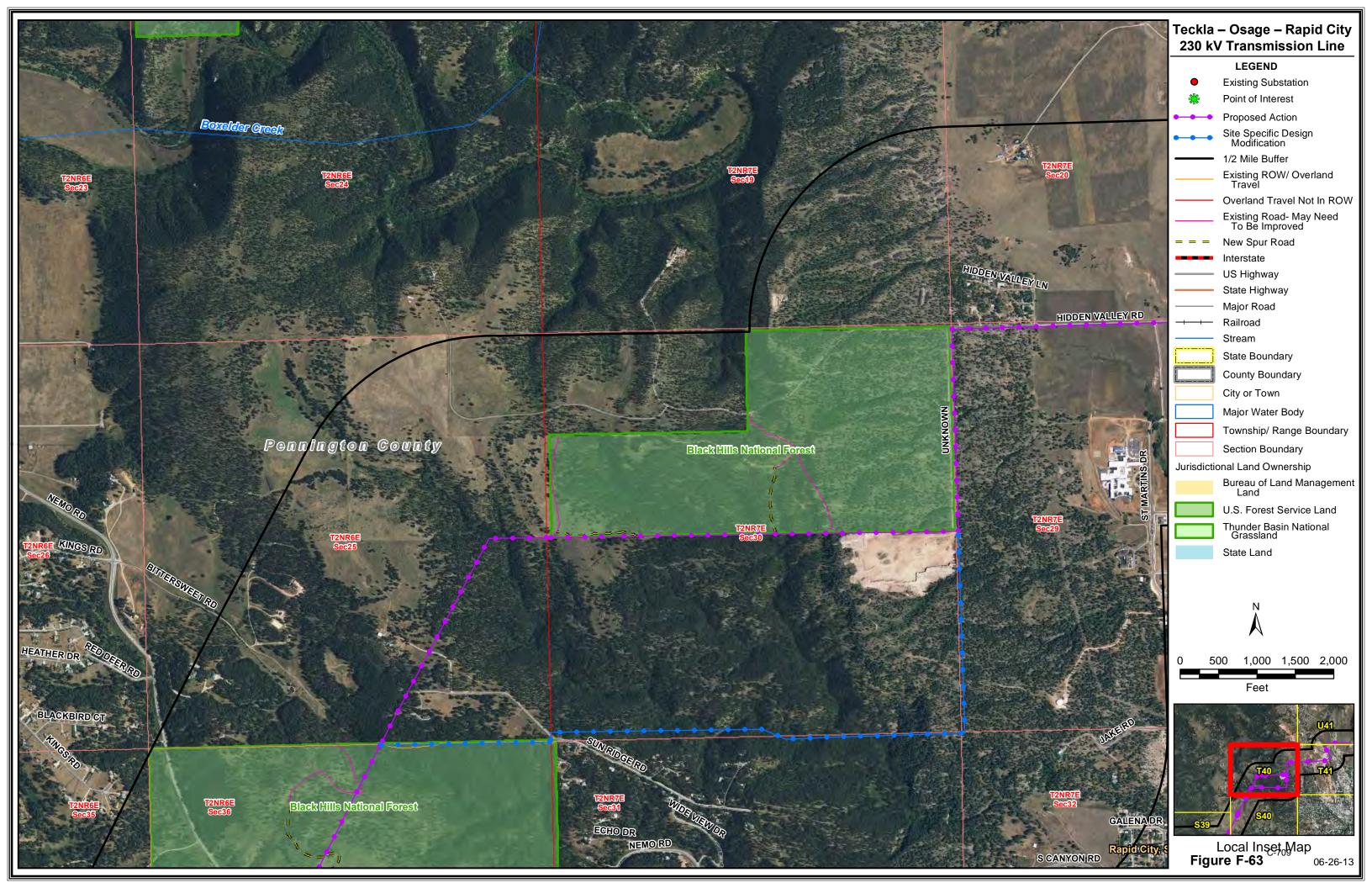


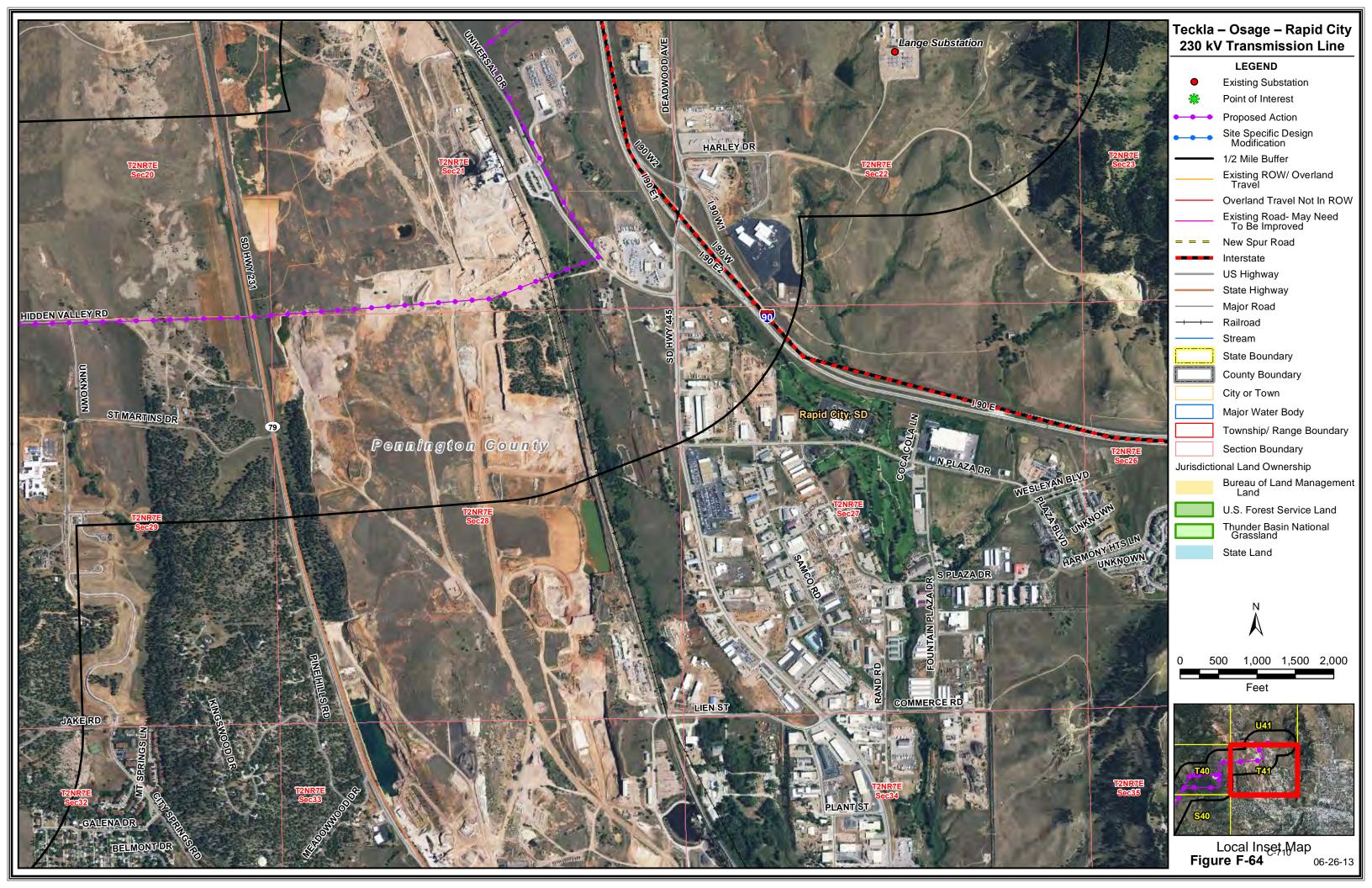


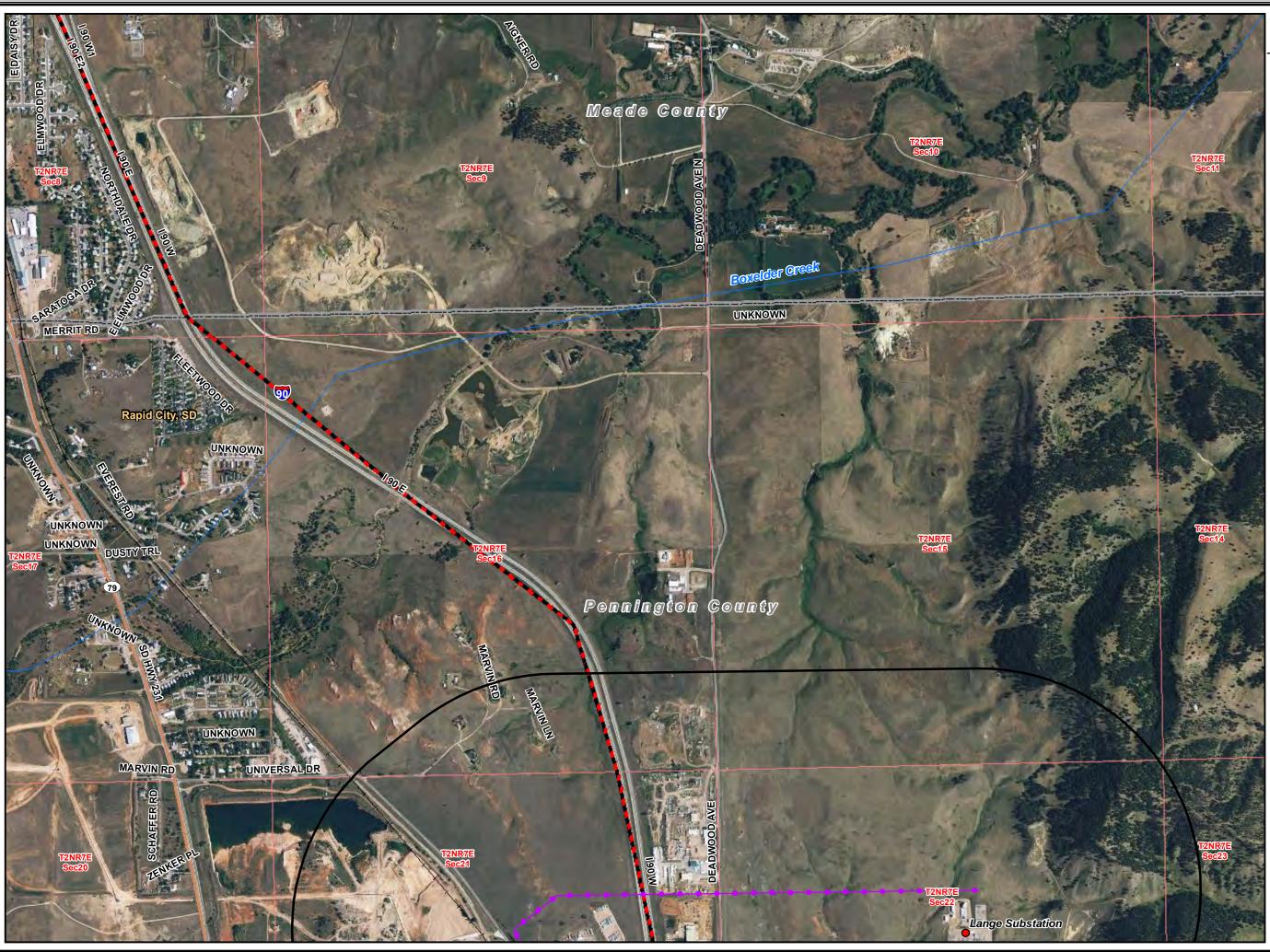
200 K		-
	LEGEND	
*	Existing Substation	
<u> </u>	Point of Interest	
• • •	Proposed Action	
• • •	Site Specific Design Modification	
	1/2 Mile Buffer	
	Existing ROW/ Overland Travel	
	Overland Travel Not In ROW	'
	Existing Road- May Need To Be Improved	
	New Spur Road	
	Interstate	
	US Highway	
	State Highway	
	Major Road	
	Railroad	
	Stream	
	State Boundary	
	County Boundary	
	City or Town	
	Major Water Body	
	Township/ Range Boundary	
	Section Boundary	
Jurisdictio	onal Land Ownership	
	Bureau of Land Managemen Land	t
	U.S. Forest Service Land	
	Thunder Basin National	
	Grassland	
	State Land	
	Ν	
	A	
0 50	00 1,000 1,500 2,000	
	Faat	
	Feet	
St		
R40		
A 15 1		
Local Ins <u>e</u> t ₀ Map Figure F-61 06-26-13		
Figu	re F-61 06-26-13	5



		ckla – Osage – Rapid City 30 kV Transmission Line
S CA	NYON RD	LEGEND
and the	NRD	Existing Substation
ERLINE TRL		Point of Interest
	-	Proposed Action
H		 Site Specific Design Modification
		1/2 Mile Buffer
T2NR7E Sec32		Existing ROW/ Overland Travel
	ER -	Overland Travel Not In ROW
1000 B		Existing Road- May Need To Be Improved
Rapid Ci	ty, SD 💦 🗕	= New Spur Road
A CARLE		Interstate
		US Highway
	and the second	State Highway
C C La Carta		—— Major Road
W M	AIN ST +	──+── Railroad
		Stream
PINEDALE GT		State Boundary
i i		County Boundary
PINEDALE HEIGHTS		City or Town
PINEdit		Major Water Body
State State		Township/ Range Boundary
		Section Boundary
	CALL IN	risdictional Land Ownership
	Jul	Bureau of Land Management
		Land U.S. Forest Service Land
TINRZE		Thunder Basin National Grassland
Sec5	a alla	State Land
The self state	And I	
	al ar	Ņ
		\mathbf{A}
		1 1
	0	500 1,000 1,500 2,000
The part of the	- I THE	
the second	and the second second	Feet
and the second	and the second	
NAL GUARD RD	IN THE REAL	T40 T41
	20	
	RIAL	
	TO PLAT PO	and the second sec
T1NR7E		S39
Sec8		T R40
1254 300		
	12	Local Inset ₀ Map Figure F-62 06-26-13







230 K	
	LEGEND
•	Existing Substation
*	Point of Interest
• • •	Proposed Action
• • •	Site Specific Design Modification
	1/2 Mile Buffer
	Existing ROW/ Overland Travel
	Overland Travel Not In ROW
	Existing Road- May Need To Be Improved
	New Spur Road
	Interstate
	US Highway
	State Highway
	Major Road
	Railroad
	Stream
	State Boundary
	County Boundary
	City or Town
	Major Water Body
	Township/ Range Boundary
	Section Boundary
Jurisdictio	onal Land Ownership
	Bureau of Land Management Land
	U.S. Forest Service Land
	Thunder Basin National Grassland
	State Land
	Ň
0 50	00 1,000 1,500 2,000
	Feet

Local Inset,Map Figure F-65