Fiber Design

Moshers Tap to Newport

Creation Date: 10/5/2015
Last Submission Date: 8/28/2015

K300

Pole Number	Pole Alpha	Length	Structure	Span	Proposed Pole Height	ADSS Fiber Attachment Height	ADSS Attachment Hardware	Allowable ADSS Pull Hardware	ADSS Fiber Notes	Last Modified Date	Construction Comments
1		75	N/A			6'-0" below lowest insulator on south pole	DE (SPLICE)	BLOCK	Leave 900' fiber tail	8/27/2015	
2		65	N/A			1'-6" below lowest insulator attachment	SUSP	BLOCK		8/27/2015	
3		75	N/A			2'-0" below lowest insulator	SUSP	BLOCK		8/27/2015	
4		70	N/A			4'-0" below lowest insulator towards str 3 on south pole. 3'-6" below lowest insulator toward structure 5 on south pole.	2DE	BLOCK		8/27/2015	
5		80	N/A			3'-6" below lowest insulator	SUSP	BLOCK		2/26/2015	
6		75	N/A			8'-6" below lowest insulator towards structure 5. 6'-6" below lowest insulator towards str 7.	2DE	BLOCK	2'-0" between fiber attachments	2/26/2015	
7		65	N/A			4'-0" below lowest insulator	SUSP	BLOCK		3/17/2015	
8		70	N/A			7'-6" below lowest insulator towards str 7 on east pole. 9'-6" below lowest insulator towards str 9 on east pole.	2DE	BLOCK	2'-0" between fiber attachments	8/28/2015	
9		70	N/A			1'-6" below lowest insulator	SUSP	BLOCK		8/10/2015	
10		70	N/A			1'-6" below lowest insulator	SUSP	BLOCK		8/10/2015	
11		65	N/A			4'-6" below lowest insulator	SUSP	BLOCK		2/26/2015	
12		70	N/A			4'-0" below lowest insulator towards str 11. 3'-6" below lowest insulator towards str 13.	2DE-HIGH TENSION	BLOCK		8/10/2015	
13		75	N/A			3'-6" below lowest insulator towards str 12. 4'-0" below lowest insulator towards str 14.	2DE-HIGH TENSION	BLOCK		8/10/2015	
14		65	N/A			6'-0" below lowest insulator	SUSP	BLOCK		8/10/2015	
15		80	N/A			9'-0" below lowest insulator towards str 14 on north pole. 9'-6" below lowest insulator towards str 16 on north pole.	2DE	BLOCK		8/27/2015	
16		85	N/A			6'-6" lowest crossarm towards str 15. 6'-0" below lowest crossarm towards str 17	2DE	BLOCK		8/27/2015	
17		65	N/A			6'-0" below lowest insulator	SUSP	BLOCK		2/26/2015	
18		90	N/A			15'-0" below lowest insulator	SUSP	BLOCK		8/10/2015	
19		80	N/A			7'-0" below lowest insulator	SUSP	BLOCK		2/26/2015	
20		70	N/A			ADSS: 4'-0" below lowest insulator towards str 19 on south pole. OPGW: At existing shield wire DE on south pole	ADSS DE/OPGW DE (SPLICE)	BLOCK	Leave 75' extra fiber and 75' extra OPGW	8/28/2015	
21		95	N/A			At existing shield wire suspension location	OPGW SUSP	BLOCK		8/26/2015	
22		140	N/A			At existing shield wire suspension location	OPGW DOUBLE SUSP	BLOCK		8/27/2015	
23	E	90	N/A			At existing shield wire suspension location	OPGW SUSP	BLOCK		8/26/2015	
23	W	90	N/A			OPGW: At existing shield wire DE towards str 23E on south pole. ADSS Fiber: 4'-0" below lowest insulator towards str 24 on south pole.	OPGW DE/ADSS DE (SPLICE)	BLOCK	Leave 75' extra fiber and 75' extra OPGW	**9/8/2015**	
24		75	N/A			2'-0" below lowest insulator	SUSP	BLOCK		8/10/2015	
25		70	N/A			2'-0" below lowest insulator	SUSP	BLOCK		8/10/2015	
26		80	N/A			8'-6" below lowest insulator	SUSP	BLOCK		2/26/2015	
27		90	N/A			8'-6" below lowest insulator towards str 26. 8'-0" below lowest insulator towards str 28.	2DE	BLOCK		8/10/2015	

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28		75	N/A			4'-6" below lowest insulator	SUSP	BLOCK		8/10/2015	
29		80	N/A			7'-0" below lowest insulator towards str 28. 7'-6" below lowest insulator towards str 30.	2DE	BLOCK		8/11/2015	
30		85	N/A			6'-0" below lowest crossarm towards str 29. 5'-6" below lowest crossarm towards str 31.	2DE	BLOCK		8/27/2015	
31		70	N/A			7'-0" below lowest insulator	SUSP	BLOCK		2/26/2015	
32		75	N/A			5'-6" below lowest insulator towards str 31 on north pole. 5'-0" below lowest insulator towards str 33 on north pole.	2DE	BLOCK		8/27/2015	
33		80	N/A			7'-0" below lowest insulator	SUSP	BLOCK		2/26/2015	
34		75	N/A			4'-0" below lowest insulator	SUSP	BLOCK		2/26/2015	
35	P2	0	115-STL-SPSC DE-33			21'-0" below lowest insulator towards str 34 on north pole. 20'-6" below lowest insulator towards 94P2 on north pole.	2DE	BLOCK	Steel Pole: Attach fiber DE hardware with pole bands.	10/5/2015	

K46 I-MT

94	P2	115				10'-0" below lowest 115 kV attachment towards K300. 4'-0" above existing fiber attachment towards K46	2DE (SPLICE)	BLOCK	Leave 150' fiber tail. Install VSU and splice on south side of pole due to existing slack loops. Coordinate with VEC. Attached to steel pole using pole bands.	10/5/2015	