BCPM Structure Inputs

Hard Rock Structure

Hard Rock - Feeder Conduit

	Base		DENSITY>1000			
Trench & Backfill	$ 61.89	$ -	0.00%	99.00%	$ -	
Rocky Trench	$ 61.89	$ -	10.00%	99.00%	$ 6.13	
Backhoe Trench	$ 61.89	$ -	8.00%	99.00%	$ 4.90	
Hand Dig Trench	$ 61.89	$ -	8.00%	99.00%	$ 4.90	
Boring	$ 54.62	$ -	10.00%	99.00%	$ 5.41	
Cut & Restore Asphalt	$ 65.39	$ -	33.00%	99.00%	$ 21.36	
Cut & Restore Concrete	$ 67.51	$ -	28.00%	99.00%	$ 18.71	
Cut & Restore Sod	$ 62.69	$ -	3.00%	99.00%	$ 1.86	

Hard Rock - Distribution Conduit

Trench & Backfill	$ 61.89	$ -	0.00%	99.00%	$ -	
Rocky Trench	$ 61.89	$ -	10.00%	99.00%	$ 6.13	
Backhoe Trench	$ 61.89	$ -	8.00%	99.00%	$ 4.90	
Hand Dig Trench	$ 61.89	$ -	8.00%	99.00%	$ 4.90	
Boring	$ 54.62	$ -	10.00%	99.00%	$ 5.41	
Cut & Restore Asphalt	$ 65.39	$ -	33.00%	99.00%	$ 21.36	
Cut & Restore Concrete	$ 67.51	$ -	28.00%	99.00%	$ 18.71	
Cut & Restore Sod	$ 62.69	$ -	3.00%	99.00%	$ 1.86	

Hard Rock - Buried Feeder Cable

Plow	$ 2.80	$ -	0.00%	100.00%	$ -	
Rocky Plow	$ 2.80	$ -	0.00%	100.00%	$ -	
Trench & Backfill	$ 2.80	$ -	0.00%	100.00%	$ -	
Rocky Trench	$ 2.80	$ -	10.00%	100.00%	$ 0.28	
Backhoe Trench	$ 2.80	$ -	8.00%	100.00%	$ 0.22	
Hand Dig Trench	$ 2.80	$ -	8.00%	100.00%	$ 0.22	
Bore Cable	$ 25.78	$ -	10.00%	100.00%	$ 2.58	
Push Pipe & Pull Cable	$ 26.60	$ -	0.00%	100.00%	$ -	
Cut & Restore Asphalt	$ 6.21	$ -	33.00%	100.00%	$ 2.05	
Cut & Restore Concrete	$ 8.28	$ -	28.00%	100.00%	$ 2.32	
Cut & Restore Sod	$ 3.59	$ -	3.00%	100.00%	$ 0.11	

BCPM Structure Inputs

Hard Rock - Buried Distribution Cable

			DENSITY 0-1				DENSITY 6-100			
Plow	$ 2.80	$ -	0.00%	98.00%	$ -	$ -	0.00%	98.00%	$ -
Rocky Plow	$ 2.80	$ -	48.00%	98.00%	$ 1.32	$ -	47.00%	98.00%	$ 1.29
Trench & Backfill	$ 2.80	$ -	5.00%	98.00%	$ 0.14	$ -	10.00%	98.00%	$ 0.27
Rocky Trench	$ 2.80	$ -	38.00%	98.00%	$ 1.04	$ -	29.00%	98.00%	$ 0.80
Backhoe Trench	$ 2.80	$ -	2.00%	98.00%	$ 0.05	$ -	5.00%	98.00%	$ 0.14
Hand Dig Trench	$ 2.80	$ -	1.00%	98.00%	$ 0.03	$ -	1.00%	98.00%	$ 0.03
Bore Cable	$ 25.78	$ -	1.00%	98.00%	$ 0.25	$ -	1.00%	98.00%	$ 0.25
Push Pipe & Pull Cable	$ 26.60	$ -	1.00%	98.00%	$ 0.26	$ -	1.00%	98.00%	$ 0.26
Cut & Restore Asphalt	$ 6.21	$ -	1.00%	98.00%	$ 0.06	$ -	2.00%	98.00%	$ 0.12
Cut & Restore Concrete	$ 8.28	$ -	1.00%	98.00%	$ 0.08	$ -	2.00%	98.00%	$ 0.16
Cut & Restore Sod	$ 3.59	$ -	2.00%	98.00%	$ 0.07	$ -	2.00%	98.00%	$ 0.07

Hard Rock - Aerial Feeder Cable

Poles	$ 231.40		$ 212.80	40%	$ 178.88		$ 212.80	40%	$ 178.88
Anchors and Guys	$ 26.33		$ 67.07	100%	$ 15.57		$ 67.07	100%	$ 15.57

Hard Rock - Aerial Distribution Cable

Poles	$ 231.40	$ -	$ 212.80	40%	$ 178.88	$ -	$ 212.80	40%	$ 178.88
Anchors and Guys	$ 26.33	$ -	$ 67.07	100%	$ 15.57	$ -	$ 67.07	100%	$ 15.57

BCPM Structure Inputs

Hard Rock - Buried Distribution Cable

		DENSITY 101-200					DENSITY 201-650				
Plow	$ 2.80	$ -	0.00%	98.00%	$ -		$ -	0.00%	98.00%	$ -	
Rocky Plow	$ 2.80	$ -	40.00%	98.00%	$ 1.10		$ -	13.00%	98.00%	$ 0.36	
Trench & Backfill	$ 2.80	$ -	7.00%	98.00%	$ 0.19		$ -	8.00%	98.00%	$ 0.22	
Rocky Trench	$ 2.80	$ -	32.00%	98.00%	$ 0.88		$ -	30.00%	98.00%	$ 0.82	
Backhoe Trench	$ 2.80	$ -	2.00%	98.00%	$ 0.05		$ -	12.00%	98.00%	$ 0.33	
Hand Dig Trench	$ 2.80	$ -	2.00%	98.00%	$ 0.05		$ -	3.00%	98.00%	$ 0.08	
Bore Cable	$ 25.78	$ -	1.00%	98.00%	$ 0.25		$ -	4.00%	98.00%	$ 1.01	
Push Pipe & Pull Cable	$ 26.60	$ -	1.00%	98.00%	$ 0.26		$ -	5.00%	98.00%	$ 1.30	
Cut & Restore Asphalt	$ 6.21	$ -	5.00%	98.00%	$ 0.30		$ -	8.00%	98.00%	$ 0.49	
Cut & Restore Concrete	$ 8.28	$ -	4.00%	98.00%	$ 0.32		$ -	7.00%	98.00%	$ 0.57	
Cut & Restore Sod	$ 3.59	$ -	6.00%	98.00%	$ 0.21		$ -	10.00%	98.00%	$ 0.35	

Hard Rock - Aerial Feeder Cable

Poles	$ 231.40		$ 212.80	40%	$ 178.88		$ 212.80	40%	$ 178.88	
Anchors and Guys	$ 26.33		$ 67.07	100%	$ 15.57		$ 67.07	100%	$ 15.57	

Hard Rock - Aerial Distribution Cable

Poles	$ 231.40	$ -	$ 212.80	40%	$ 178.88	$ -	$ 212.80	40%	$ 178.88	
Anchors and Guys	$ 26.33	$ -	$ 67.07	100%	$ 15.57	$ -	$ 67.07	100%	$ 15.57	

BCPM Structure Inputs

Hard Rock - Buried Distribution Cable

			DENSITY 651-850				DENSITY 851-2550		
Plow	$ 2.80	$ -	0%	98%	$ -	$ -	0.00%	98.00%	$ -
Rocky Plow	$ 2.80	$ -	3.00%	98.00%	$ 0.08	$ -	3.00%	98.00%	$ 0.08
Trench & Backfill	$ 2.80	$ -	0.00%	98.00%	$ -	$ -	0.00%	98.00%	$ -
Rocky Trench	$ 2.80	$ -	27.00%	98.00%	$ 0.74	$ -	27.00%	98.00%	$ 0.74
Backhoe Trench	$ 2.80	$ -	12.00%	98.00%	$ 0.33	$ -	12.00%	98.00%	$ 0.33
Hand Dig Trench	$ 2.80	$ -	6.00%	98.00%	$ 0.16	$ -	6.00%	98.00%	$ 0.16
Bore Cable	$ 25.78	$ -	2.00%	98.00%	$ 0.51	$ -	2.00%	98.00%	$ 0.51
Push Pipe & Pull Cable	$ 26.60	$ -	5.00%	98.00%	$ 1.30	$ -	5.00%	98.00%	$ 1.30
Cut & Restore Asphalt	$ 6.21	$ -	13.00%	98.00%	$ 0.79	$ -	13.00%	98.00%	$ 0.79
Cut & Restore Concrete	$ 8.28	$ -	12.00%	98.00%	$ 0.97	$ -	12.00%	98.00%	$ 0.97
Cut & Restore Sod	$ 3.59	$ -	20.00%	98.00%	$ 0.70	$ -	20.00%	98.00%	$ 0.70

Hard Rock - Aerial Feeder Cable

Poles	$ 231.40		$ 212.80	40%	$ 178.88		$ 212.80	40%	$ 178.88
Anchors and Guys	$ 26.33		$ 67.07	100%	$ 14.01		$ 67.07	100%	$ 28.02

Hard Rock - Aerial Distribution Cable

Poles	$ 231.40	$ -	$ 212.80	40%	$ 178.88	$ -	$ 212.80	40%	$ 178.88
Anchors and Guys	$ 26.33	$ -	$ 67.07	100%	$ 14.01	$ -	$ 67.07	100%	$ 28.02

BCPM Structure Inputs

Hard Rock - Buried Distribution Cable

		DENSITY 2551-5000				DENSITY 5001-10000			
Plow	$ 2.80	$ -	0.00%	98.00%	$ -	$ -	0.00%	98.00%	$ -
Rocky Plow	$ 2.80	$ -	0.00%	98.00%	$ -	$ -	0.00%	98.00%	$ -
Trench & Backfill	$ 2.80	$ -	0.00%	98.00%	$ -	$ -	0.00%	98.00%	$ -
Rocky Trench	$ 2.80	$ -	14.00%	98.00%	$ 0.38	$ -	14.00%	98.00%	$ 0.38
Backhoe Trench	$ 2.80	$ -	10.00%	98.00%	$ 0.27	$ -	10.00%	98.00%	$ 0.27
Hand Dig Trench	$ 2.80	$ -	8.00%	98.00%	$ 0.22	$ -	8.00%	98.00%	$ 0.22
Bore Cable	$ 25.78	$ -	15.00%	98.00%	$ 3.79	$ -	15.00%	98.00%	$ 3.79
Push Pipe & Pull Cable	$ 26.60	$ -	0.00%	98.00%	$ -	$ -	0.00%	98.00%	$ -
Cut & Restore Asphalt	$ 6.21	$	25.00%	98.00%	$ 1.52	$	25.00%	98.00%	$ 1.52
Cut & Restore Concrete	$ 8.28	$ -	20.00%	98.00%	$ 1.62	$ -	20.00%	98.00%	$ 1.62
Cut & Restore Sod	$ 3.59	$ -	8.00%	98.00%	$ 0.28	$ -	8.00%	98.00%	$ 0.28

Hard Rock - Aerial Feeder Cable

Poles	$ 231.40		$ 212.80	40%	$ 178.88		$ 212.80	40%	$ 178.88
Anchors and Guys	$ 26.33		$ 67.07	100%	$ 28.02		$ 67.07	100%	$ 28.02

Hard Rock - Aerial Distribution Cable

Poles	$ 231.40	$ -	$ 212.80	40%	$ 178.88	$ -	$ 212.80	40%	$ 178.88
Anchors and Guys	$ 26.33	$ -	$ 67.07	100%	$ 28.02	$ -	$ 67.07	100%	$ 28.02

BCPM Structure Inputs

Hard Rock - Buried Distribution Cable

Plow	$ 2.80	$ -	0%	98%	$ -
Rocky Plow	$ 2.80	$ -	0.00%	98.00%	$ -
Trench & Backfill	$ 2.80	$ -	0.00%	98.00%	$ -
Rocky Trench	$ 2.80	$ -	10.00%	98.00%	$ 0.27
Backhoe Trench	$ 2.80	$ -	8.00%	98.00%	$ 0.22
Hand Dig Trench	$ 2.80	$ -	8.00%	98.00%	$ 0.22
Bore Cable	$ 25.78	$ -	10.00%	98.00%	$ 2.53
Push Pipe & Pull Cable	$ 26.60	$ -	0.00%	98.00%	$ -
Cut & Restore Asphalt	$ 6.21	$ -	33.00%	98.00%	$ 2.01
Cut & Restore Concrete	$ 8.28	$ -	28.00%	98.00%	$ 2.27
Cut & Restore Sod	$ 3.59	$ -	3.00%	98.00%	$ 0.11

Hard Rock - Aerial Feeder Cable

Poles	$ 231.40		$ 212.80	40%	$ 178.88
Anchors and Guys	$ 26.33		$ 67.07	100%	$ 28.02

Hard Rock - Aerial Distribution Cable

Poles	$ 231.40	$ -	$ 212.80	40%	$ 178.88
Anchors and Guys	$ 26.33	$ -	$ 67.07	100%	$ 28.02

BCPM ManHole Inputs

Manhole Inputs

Normal - Manhole

Manhole 3x5 or 4x6	$ 1,012.36	$ 332.55		99.00%	$ 1,331.46		99.00%	$ 1,331.46
Manhole 4x6x7	$ 7,085.41	$ -		99.00%	$ 7,014.55		99.00%	$ 7,014.55
Manhold 12x6x7	$ 10,160.52	$ -		99.00%	$ 10,058.91		99.00%	$ 10,058.91
Adder 12x6x7	$ -	$ -		99.00%	$ -		99.00%	$ -
Conduit Per Duct Foot	$ 2.41			99.00%	$ 2.39		99.00%	$ 2.39

Soft Rock - Manhole

Manhole 3x5 or 4x6	$ 1,012.36	$ 332.55		99%	$ 1,331.46		99%	$ 1,331.46
Manhole 4x6x7	$ 7,085.41	$ -		99%	$ 7,014.55		99%	$ 7,014.55
Manhold 12x6x7	$ 10,160.52	$ -		99%	$ 10,058.91		99%	$ 10,058.91
Adder 12x6x7	$ -	$ -		99%	$ -		99%	$ -
Conduit Per Duct Foot	$ 2.41			99%	$ 2.39		99%	$ 2.39

Hard Rock - Manhole

Manhole 3x5 or 4x6	$ 1,012.36	$ 771.71		99%	$ 1,766.22		99%	$ 1,766.22
Manhole 4x6x7	$ 7,085.41	$ 3,513.26		99%	$ 10,492.68		99%	$ 10,492.68
Manhold 12x6x7	$ 10,160.52	$ 9,222.30		99%	$ 19,188.99		99%	$ 19,188.99
Adder 12x6x7	$ -	$ -		99%	$ -		99%	$ -
Conduit Per Duct Foot	$ 2.41			99%	$ 2.39		99%	$ 2.39

BCPM ManHole Inputs

Manhole Inputs

Normal - Manhole

	Per Unit Cost			DENSITY 101-300			DENSITY 301-650		
Handhole 3x5 or 4x6	$ 1,012.36	$ 332.55		99.00%	$ 1,331.46		99.00%	$ 1,331.46
Manhole 4x6x7	$ 7,085.41	$ -		99.00%	$ 7,014.55		99.00%	$ 7,014.55
Manhold 12x6x7	$ 10,160.52	$ -		99.00%	$ 10,058.91		99.00%	$ 10,058.91
Adder 12x6x7	$ -	$ -		99.00%	$ -		99.00%	$ -
Conduit Per Duct Foot	$ 2.41			99.00%	$ 2.39		99.00%	$ 2.39

Soft Rock - Manhole

Handhole 3x5 or 4x6	$ 1,012.36	$ 332.55		99%	$ 1,331.46		99%	$ 1,331.46
Manhole 4x6x7	$ 7,085.41	$ -		99%	$ 7,014.55		99%	$ 7,014.55
Manhold 12x6x7	$ 10,160.52	$ -		99%	$ 10,058.91		99%	$ 10,058.91
Adder 12x6x7	$ -	$ -		99%	$ -		99%	$ -
Conduit Per Duct Foot	$ 2.41			99%	$ 2.39		99%	$ 2.39

Hard Rock - Manhole

Handhole 3x5 or 4x6	$ 1,012.36	$ 771.71		99%	$ 1,766.22		99%	$ 1,766.22
Manhole 4x6x7	$ 7,085.41	$ 3,513.26		99%	$ 10,492.68		99%	$ 10,492.68
Manhold 12x6x7	$ 10,160.52	$ 9,222.30		99%	$ 19,188.99		99%	$ 19,188.99
Adder 12x6x7	$ -	$ -		99%	$ -		99%	$ -
Conduit Per Duct Foot	$ 2.41			99%	$ 2.39		99%	$ 2.39

Manhole Inputs

Normal - Manhole

Manhole 3x5 or 4x6	$ 1,012.36	$ 332.55		99.00%	$ 1,331.46		99.00%	$ 1,331.46
Manhole 4x6x7	$ 7,085.41	$ -		99.00%	$ 7,014.55		99.00%	$ 7,014.55
Manhold 12x6x7	$ 10,160.52	$ -		99.00%	$ 10,058.91		99.00%	$ 10,058.91
Adder 12x6x7	$ -	$ -		99.00%	$ -		99.00%	$ -
Conduit Per Duct Foot	$ 2.41			99.00%	$ 2.39		99.00%	$ 2.39

Soft Rock - Manhole

Manhole 3x5 or 4x6	$ 1,012.36	$ 332.55		99%	$ 1,331.46		99%	$ 1,331.46
Manhole 4x6x7	$ 7,085.41	$ -		99%	$ 7,014.55		99%	$ 7,014.55
Manhold 12x6x7	$ 10,160.52	$ -		99%	$ 10,058.91		99%	$ 10,058.91
Adder 12x6x7	$ -	$ -		99%	$ -		99%	$ -
Conduit Per Duct Foot	$ 2.41			99%	$ 2.39		99%	$ 2.39

Hard Rock - Manhole

Manhole 3x5 or 4x6	$ 1,012.36	$ 771.71		99%	$ 1,766.22		99%	$ 1,766.22
Manhole 4x6x7	$ 7,085.41	$ 3,513.26		99%	$ 10,492.68		99%	$ 10,492.68
Manhold 12x6x7	$ 10,160.52	$ 9,222.30		99%	$ 19,188.99		99%	$ 19,188.99
Adder 12x6x7	$ -	$ -		99%	$ -		99%	$ -
Conduit Per Duct Foot	$ 2.41			99%	$ 2.39		99%	$ 2.39

BCPM ManHole Inputs

Manhole Inputs

Normal - Manhole

	Per Unit Cost			DENSITY 2501-5000			DENSITY 5001-10000		
Handhole 3x5 or 4x6	$ 1,012.36	$ 332.55		99.00%	$ 1,331.46		99.00%	$ 1,331.46
Manhole 4x6x7	$ 7,085.41	$ -		99.00%	$ 7,014.55		99.00%	$ 7,014.55
Manhold 12x6x7	$ 10,160.52	$ -		99.00%	$ 10,058.91		99.00%	$ 10,058.91
Adder 12x6x7	$ -	$ -		99.00%	$ -		99.00%	$ -
Conduit Per Duct Foot	$ 2.41			99.00%	$ 2.39		99.00%	$ 2.39

Soft Rock - Manhole

Handhole 3x5 or 4x6	$ 1,012.36	$ 332.55		99%	$ 1,331.46		99%	$ 1,331.46
Manhole 4x6x7	$ 7,085.41	$ -		99%	$ 7,014.55		99%	$ 7,014.55
Manhold 12x6x7	$ 10,160.52	$ -		99%	$ 10,058.91		99%	$ 10,058.91
Adder 12x6x7	$ -	$ -		99%	$ -		99%	$ -
Conduit Per Duct Foot	$ 2.41			99%	$ 2.39		99%	$ 2.39

Hard Rock - Manhole

Handhole 3x5 or 4x6	$ 1,012.36	$ 771.71		99%	$ 1,766.22		99%	$ 1,766.22
Manhole 4x6x7	$ 7,085.41	$ 3,513.26		99%	$ 10,492.68		99%	$ 10,492.68
Manhold 12x6x7	$ 10,160.52	$ 9,222.30		99%	$ 19,188.99		99%	$ 19,188.99
Adder 12x6x7	$ -	$ -		99%	$ -		99%	$ -
Conduit Per Duct Foot	$ 2.41			99%	$ 2.39		99%	$ 2.39

BCPM ManHole Inputs

Manhole Inputs

Normal - Manhole

Handhole 3x5 or 4x6	$ 1,012.36	$ 332.55		99.00%	$ 1,331.46
Manhole 4x6x7	$ 7,085.41	$ -		99.00%	$ 7,014.55
Manhold 12x6x7	$ 10,160.52	$ -		99.00%	$ 10,058.91
Adder 12x6x7	$ -	$ -		99.00%	$ -
Conduit Per Duct Foot	$ 2.41			99.00%	$ 2.39

Soft Rock - Manhole

Handhole 3x5 or 4x6	$ 1,012.36	$ 332.55		99%	$ 1,331.46
Manhole 4x6x7	$ 7,085.41	$ -		99%	$ 7,014.55
Manhold 12x6x7	$ 10,160.52	$ -		99%	$ 10,058.91
Adder 12x6x7	$ -	$ -		99%	$ -
Conduit Per Duct Foot	$ 2.41			99%	$ 2.39

Hard Rock - Manhole

Handhole 3x5 or 4x6	$ 1,012.36	$ 771.71		99%	$ 1,766.22
Manhole 4x6x7	$ 7,085.41	$ 3,513.26		99%	$ 10,492.68
Manhold 12x6x7	$ 10,160.52	$ 9,222.30		99%	$ 19,188.99
Adder 12x6x7	$ -	$ -		99%	$ -
Conduit Per Duct Foot	$ 2.41			99%	$ 2.39

BCPM Spacing Inputs

Spacing Tables

Feeder Spacing Table

0	725	250	1500	6.00
6	725	250	1500	6.00
101	725	250	1500	6.00
201	725	250	1500	6.00
651	550	150	1000	6.67
851	550	150	500	3.33
2551	550	150	500	3.33
5001	550	150	500	3.33
10001	550	150	500	3.33

Distribution Spacing Table

0	725	250	1500	6.00
6	725	250	1500	6.00
101	725	250	1500	6.00
201	725	250	1500	6.00
651	550	150	1000	6.67
851	550	150	500	3.33
2551	550	150	500	3.33
5001	550	150	500	3.33
10001	550	150	500	3.33

BCPM Loop Percent Table Inputs

Loop Percentage Tables

Distribution Plant Mix Table

[illegible]	[illegible]ormal	[illegible]	[illegible]
0	0.00%	60.00%	40.00%
6	2.00%	61.00%	37.00%
101	5.00%	62.00%	33.00%
201	8.00%	62.00%	30.00%
651	15.00%	65.00%	20.00%
851	25.00%	65.00%	10.00%
2551	40.00%	55.00%	5.00%
5001	60.00%	35.00%	5.00%
10001	90.00%	10.00%	0.00%

Soft Rock Terrain			
0	0.00%	60.00%	40.00%
6	2.00%	61.00%	37.00%
101	5.00%	62.00%	33.00%
201	8.00%	62.00%	30.00%
651	15.00%	65.00%	20.00%
851	25.00%	65.00%	10.00%
2551	40.00%	55.00%	5.00%
5001	60.00%	35.00%	5.00%
10001	90.00%	10.00%	0.00%

Hard Rock Terrain			
0	0.00%	50.00%	50.00%
6	2.00%	51.00%	47.00%
101	5.00%	52.00%	43.00%
201	8.00%	52.00%	40.00%
651	15.00%	60.00%	25.00%
851	18.00%	62.00%	20.00%
2551	20.00%	65.00%	15.00%
5001	45.00%	40.00%	15.00%
10001	90.00%	0.00%	10.00%

Copper Plant Mix Table

[illegible]	[illegible]	[illegible]	[illegible]
0	10.00%	50.00%	40.00%
6	15.00%	45.00%	40.00%
101	20.00%	40.00%	40.00%
201	25.00%	35.00%	40.00%
651	45.00%	30.00%	25.00%
851	65.00%	25.00%	10.00%
2551	80.00%	20.00%	0.00%
5001	90.00%	10.00%	0.00%
10001	95.00%	5.00%	0.00%

[illegible]			
0	10.00%	50.00%	40.00%
6	15.00%	45.00%	40.00%
101	20.00%	40.00%	40.00%
201	25.00%	35.00%	40.00%
651	45.00%	30.00%	25.00%
851	65.00%	25.00%	10.00%
2551	80.00%	20.00%	0.00%
5001	90.00%	10.00%	0.00%
10001	95.00%	5.00%	0.00%

[illegible]			
0	5.00%	45.00%	50.00%
6	10.00%	40.00%	50.00%
101	15.00%	35.00%	50.00%
201	25.00%	25.00%	50.00%
651	35.00%	25.00%	40.00%
851	60.00%	20.00%	20.00%
2551	80.00%	10.00%	10.00%
5001	85.00%	5.00%	10.00%
10001	95.00%	0.00%	5.00%

Fiber Plant Mix Table (Loop)

[illegible]	[illegible]	[illegible]	[illegible]
0	10.00%	50.00%	40.00%
6	15.00%	45.00%	40.00%
101	20.00%	40.00%	40.00%
201	25.00%	35.00%	40.00%
651	45.00%	30.00%	25.00%
851	65.00%	25.00%	10.00%
2551	80.00%	20.00%	0.00%
5001	90.00%	10.00%	0.00%
10001	95.00%	5.00%	0.00%

[illegible]			
0	10.00%	50.00%	40.00%
6	15.00%	45.00%	40.00%
101	20.00%	40.00%	40.00%
201	25.00%	35.00%	40.00%
651	45.00%	30.00%	25.00%
851	65.00%	25.00%	10.00%
2551	80.00%	20.00%	0.00%
5001	90.00%	10.00%	0.00%
10001	95.00%	5.00%	0.00%

[illegible]			
0	5.00%	45.00%	50.00%
6	10.00%	40.00%	50.00%
101	15.00%	35.00%	50.00%
201	25.00%	25.00%	50.00%
651	35.00%	25.00%	40.00%
851	60.00%	20.00%	20.00%
2551	80.00%	10.00%	10.00%
5001	85.00%	5.00%	10.00%
10001	95.00%	0.00%	5.00%

BCPM Loop Percent Table Inputs

Fiber Plant Mix Table (Transport)

[illegible]	[illegible]	[illegible]	[illegible]
0	10.00%	80.00%	10.00%
6	15.00%	77.00%	8.00%
101	20.00%	74.00%	6.00%
201	25.00%	70.00%	5.00%
651	50.00%	47.00%	3.00%
851	75.00%	22.00%	3.00%
2551	85.00%	15.00%	0.00%
5001	85.00%	15.00%	0.00%
10001	95.00%	5.00%	0.00%

Soft Rock Terrain - Transport			
0	10.00%	80.00%	10.00%
6	15.00%	77.00%	8.00%
101	20.00%	74.00%	6.00%
201	25.00%	70.00%	5.00%
651	50.00%	47.00%	3.00%
851	75.00%	22.00%	3.00%
2551	85.00%	15.00%	0.00%
5001	85.00%	15.00%	0.00%
10001	95.00%	5.00%	0.00%

Hard Rock Terrain			
0	5.00%	45.00%	50.00%
6	10.00%	40.00%	50.00%
101	15.00%	35.00%	50.00%
201	25.00%	25.00%	50.00%
651	35.00%	25.00%	40.00%
851	60.00%	20.00%	20.00%
2551	80.00%	10.00%	10.00%
5001	85.00%	5.00%	10.00%
10001	95.00%	0.00%	5.00%

Average Number of Housing Units Per Dwelling For Each Census Data Range

[illegible]									
2	2	2	2	2	2	2	2	2	2
3-4	3	3	3	3	3	3	3	3	3
5-9	7	7	7	7	7	7	7	7	7
10-19	15	15	15	15	15	15	15	15	15
20-49	35	35	35	35	35	35	35	35	35
>50	55	55	55	55	55	55	55	55	55
Other	1	1	1	1	1	1	1	1	1

Density Cable Sizing Factor Table

[illegible]		
0	71.80%	61.50%
6	71.80%	61.50%
101	71.80%	61.50%
201	71.80%	61.50%
651	71.80%	61.50%
851	71.80%	61.50%
2551	71.80%	61.50%
5001	71.80%	61.50%
10001	71.80%	61.50%

BCPM Loop Percent Table Inputs

DensityHhTable

	Household			
0	96.00%	2.80	4.00%	97.43%
6	93.90%	3.20	6.10%	95.81%
101	89.00%	4.50	11.00%	91.44%
201	83.40%	5.20	16.60%	86.59%
651	74.20%	5.70	25.80%	78.73%
851	74.20%	5.70	25.80%	78.73%
2551	59.40%	5.90	40.60%	66.28%
5001	59.40%	7.10	40.60%	65.12%
10001	22.00%	7.10	78.00%	32.99%

Structure Allocation Table (Percent of Structure Assigned to Facility)

0	50.00%	50.00%
200	50.00%	50.00%
900	50.00%	50.00%
2400	50.00%	50.00%
4200	50.00%	50.00%
>4200	75.00%	25.00%

Voice Grade Ratio Table

0	100.00%	0.00%	100.00%	0.00%
2017	65.00%	35.00%	50.00%	50.00%
10000	50.00%	50.00%	30.00%	70.00%
20000	75.00%	25.00%	10.00%	90.00%

DLC & Electronic Costs

Digital Loop Carrier Remote System Cost Table

0	$ 19,120.17	$ 94.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
25	$ 19,203.56	$ 94.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
49	$ 23,789.75	$ 94.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
97	$ 23,886.56	$ 94.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
121	$ 37,691.12	$ 94.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
193	$ 37,873.22	$ 94.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
241	$ 64,291.00	$ 89.11	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
385	$ 68,377.00	$ 89.11	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
673	$ 96,859.00	$ 89.11	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
1345	$ 165,236.00	$ 89.11	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

DLC COT Investment Table

0	$ 11,268.16
25	$ 11,749.30
49	$ 12,711.57
97	$ 13,192.71
121	$ 14,808.60
193	$ 15,770.87
241	$ 22,176.00
385	$ 22,176.00
673	$ 22,176.00
1345	$ 26,881.00

Ring Size Table

1	24	28	3	66.0%	0	OC3	2016
1	24	28	12	85.0%	56	OC12	8064
1	24	28	24	85.0%	286	OC12x2	16128
1	24	28	48	85.0%	572	OC48	32256
1	24	28	96	85.0%	1143	OC48X2	64512
1	24	28	144	85.0%	2285	OC48X3	96768
1	24	28	192	85.0%	3428	OC48X4	129024
1	24	28	240	85.0%	4570	OC48X5	161280
1	24	28	288	85.0%	5712	OC48X6	193536
1	24	28	336	85.0%	6855	OC48X7	225792
1	24	28	384	85.0%	7997	OC48X8	258048
1	24	28	432	85.0%	9140	OC48X9	290304
1	24	28	480	85.0%	10282	OC48X10	322560

Equipment Price Inputs

Fiber Trip Cable (Per Fiber)	$ 72	$ 57	85.0%	31.0%	2	Varies
Fiber Patch Panel (Per Fiber)	$ 335	$ 163	85.0%	57.0%	2	Varies
Sonet Terminal Shelf (OC3)	$ 21,505	$ 3,105		41.0%	1	84
DS3 Card	$ 3,764	$ 124	67.0%	45.0%	1	28
DS1 Card	$ 253	$ 8	100.0%	45.0%	1	1
Sonet Terminal Shelf (OC12)	$ 37,761	$ 5,452		41.0%	1	336
OC3 Card	$ 6,597	$ 241		39.0%	1	84
3 DS3 Card (OC12)	$ 5,070	$ 164	100.0%	46.0%	1	84
Sonet Terminal Shelf (OC48)	$ 82,224	$ 11,871		41.0%	1	1344
OC3 Card	$ 17,288	$ 446		57.0%	1	84
3 DS3 Card (OC48)	$ 10,732	$ 283	22.0%	56.0%	1	84
DSX3 Cross Connect Shelf	$ 1,358	$ 954	27.0%	38.0%	1	448
DSX3 Cross Connect Card	$ 596	$ 17	27.0%	53.0%	1	28
DSX1 Cross Connect Jack Field	$ 9,200	$ 5,210	85.0%	50.0%	1	56
Channel Bank Shelf	$ 4,634	$ 760	85.0%	33.0%	1	2
Channel Bank Card	$ 299	$ 12	85.0%	33.0%	1	0.041667
Fiber Repeater (OC3)	$ 21,505	$ 3,105		41.0%	2	
Fiber Repeater (OC12)	$ 37,761	$ 5,452		41.0%	2	
Fiber Repeater (OC48)	$ 82,224	$ 11,871		41.0%	2	

Transport Inputs

Transport		
MaxNodes	9	Maximum number of nodes on a ring
ARFactor	1.747	Air to Route Factor
LTFactor	6	Access line to DSO trunk factor associated with host remote links
TTFactor	10	Access line to DSO trunk factor associated with host tandem trunks
SPFactor	5.0%	% special access circuits to the number of exchange access lines.
RepeaterDist	35	Maximum Repeater spacing (miles)
MOUPerDS1	216,000	MOU per DS1
RDSWitch	N	Does a two point ('folded') ring use separate routing for the two sides
EASPct	25.00%	Percent of interoffice MOUs that are EAS
CLLIMatch	11	Used to identify 'like' tandems
Fiber Factors		
MEAerialFiber	33.00%	Mileage Equipment Aerial Fiber (per fiber mile)
MEUndergroundFiber	33.00%	Mileage Equipment Undergrount Fiber (per fiber mile)
MEBuriedFiber	33.00%	Mileage Equipment Buried Fiber (per fiber mile)
FiberPoleFactor	0.329	Fiber Pole Factor
FiberConduitFactor	0.911	Fiber Conduit Factor
PowerAndEquipmentFactor	0.071	Miscellaneous Equipment & Power Factor
SheathSharingFactor	0.68	Sheath Sharing Factor
TwoPointSheathSharingFactor	0.5	Two Point Sheath Sharing Factor
FiberMixAerial	10.00%	Fiber Mix - Aerial
FiberMixUnderground	65.00%	Fiber Mix - Undeerground
FiberMixBuried	25.00%	Fiber Mix - Buried

Miscellaneous Inputs

Variable	Value	Description
Cable & Wire Inputs		
PairsPerHousingUnit	1.8	Distribution pairs per residential housing unit
PairsPerBusinessLocation	6.0	Minimum number of pairs per business location
MaxSizeFDI	4200	Maximum Size Feeder Distribution Interface Cabinet (Cross Connect)
MaxFiberSize	288	Maximum Fiber Cable Size
MaxFeederSize	4,200	Maximum Copper Feeder Cable Size
MaxDistSize	3600	Maximum Copper Distribution Cable Size
CprMaxDistr	12,000	Maximum length of copper cable in the CBG distribution area
FiberCableDiscount	0.00%	Fiber Cable Discount %
CopperCableDiscount	0.00%	Copper Cable Discount %
InvLoopCap	$ 10,000	Loop Investment Cap Expense
BreakPoint	12,000	Cable Break Point
Terrain Inputs and Surface Impacts		
CriticalWaterDepth	3	Depth in feet at which water impacts placement costs
WaterFactor	30.00%	% Cost increase for presence of water within critical depth
NewTerrainTrigger	5	Value that triggers new terrain variable multiplier
NewTerrainFactor	1	Cost multiplier when new terrain variable exceeds trigger point
MinSlopeTrigger	12	Point at which minimum slope effects placement distance
MinSlopeFactor	1.10	Change in distance due to increased average slope
MaxSlopeTrigger	30	Point where presence of very high slope causes yet more cable distance
MaxSlopeFactor	1.05	Change in distance due to a maximum only slope presence
CombSlopeFactor	1.20	Secondary change in distance due to substantial slope presence
Census Data Inputs - State Specific		
BusinessPrem	10	Average Number of Business lines per location
Trench Depth		
NormalUGBuriedCover	24.00	Minimum Cover Depth in inches for Buried/Underground Copper Cable
NormalFiberCover	36.00	Minimum Cover Depth in inches for Buried/Underground Fiber

BCPM Miscellaneous Inputs

Digital Electronics		
OpticsCost	$ 75,000.00	Material & Installation for Fiber Optics Terminal at CO and Customer Loc
CopperT1	$ 2,500.00	Average Cost per DS-1 on copper (both terminals & repeater)
FbrTermFrame	$ -	Material & Installation for Fiber Termination Frame1 at CO
D4Bank	$ -	Material & Installation for D4 type equipment.
ElectronicFill	85.00%	Fill Factors for Electronics
HiCapFill	82.00%	Fill Factors for High Capacity Optic Multiplexers
SmallDLCDiscount	0.00%	Small DLC Electronics Discount %
LargeDLCDiscount	0.00%	Large DLC Electronics Discount %
MaxCOTDLCL	2016	Maximum Central Office Terminal DLC-L Size
MaxCOTDLCS	672	Maximum Central Office Terminal DLC-S Size
COTDLCLPerLine	$ 15.58	Central Office Terminal DLC-L Per line Investment
COTDLCSPerLine	$ 77.18	Central Office Terminal DLC-S Per line Investment
Financial Data		
ReturnOnEquity	13.4%	Return On Equity
DebtRate	8.0%	Debt Rate
DebtRatio	40.0%	Debt Ratio
Tax Data		
FederalTaxRate	35.0%	Federal Tax Rate
StateTaxRate	5.5%	State Tax Rate
AdValoremInsurance	1.2%	Ad Valorem, Insurance, etc.
OtherTaxRate	0.0%	Other Tax Rate
Tax Depreciation		
BookSurvivalCurves	CG&S	Use Survival Curves
BookConvention	Mid Year	Convention
BookELG_VG	ELG	ELG / VG
BookWL_RL	Remaining Life	WL / RL
Calculated Results		
DLC-SDiscount	100.00%	DLC Small - Pricing ratio after Discount
DLC-LDiscount	100.00%	DLC Large - Pricing ratio after Discount
FiberCostRatio	100.00%	Fiber cable cost ratio after discount
CopperCostRatio	100.00%	Copper Cable Cost ratio after discount
CopperGauge	26	Gauge of copper cable
Version 3 Input Change: Extended Range Line Card Inputs		
COTDLCLPerLineExRange	$ 15.58	Central Office Terminal DLC-L Per line Investment for Extended Range Line Cards
COTDLCSPerLineExRange	$ 18.54	Central Office Terminal DLC-S Per line Investment for Extended Range Line Cards
RTDLCLPerLineExRange	$ 187.50	Remote Terminal DLC-L Per line Investment for Extended Range Line Cards
RTDLCSPerLineExRange	$ 125.00	Remote Terminal DLC-S Per line Investment for Extended Range Line Cards
BreakPointExRange	13,600	Breakpoint (in feet) when Extended Range line cards are Required in DLC

Expense Inputs

Aggregate Support Inputs

Aggregate Support Level at:	$	13.63	$	31.26
Aggregate Support Level at:	$	31.00	$	51.00
Aggregate Support Level at:	$	40.00	$	40.00
Aggregate Support Level at:	$	50.00	$	50.00
Aggregate Support Level at:	$	60.00	$	60.00
Aggregate Support Level at:	$	70.00	$	70.00
Aggregate Support Level at:	$	80.00	$	80.00

Support and Expense Factors for Tier 1 Companies

Support Ratio Table

6112 Motor Vehicle	0.739%	0.739%	0.815%
6114 Special Purpose Vehicles	0.001%	0.001%	0.000%
6115 Garage Work Equipment	0.032%	0.032%	0.018%
6116 Other Work Equipment	0.627%	0.627%	0.911%
6122 Furniture	0.233%	0.233%	0.125%
61213 Office Support	0.701%	0.701%	0.281%
6124 General Purpose Computers	2.965%	2.965%	3.129%
Total Support Ratio	5.298%	5.298%	5.279%

BCPM Expense Inputs

Per Line Monthly Operating Expenses for Small, Medium and Large Companies

Residence Expense Table

Network Support Expense	6110	$ 0.1500	$ 0.1500	$ 0.0230	0.0000	0.0000	0.0000
General Support	6120	$ 1.2000	$ 1.2000	$ 1.4750			
COE Switching	6210	$ 0.3400	$ 0.3400	$ -	0.0000	0.0000	0.0400
COE Transmission	6230	$ 0.2300	$ 0.2300	$ -	0.0000	0.0000	0.0169
Information Orig/Term	6310	$ 0.0700	$ 0.0700	$ 0.2770			
Poles	6411	$ 2.7600	$ 2.7600	$ -	0.0000	0.0000	0.0179
Aerial Copper Cable	6421.1	$ -	$ -	$ -	0.0000	0.0000	0.0558
Aerial Fiber Cable	6421.2	$ -	$ -	$ -	0.0000	0.0000	0.0029
Underground Copper Cable	6422.1	$ -	$ -	$ -	0.0000	0.0000	0.0196
Underground Fiber Cable	6422.2	$ -	$ -	$ -	0.0000	0.0000	0.0032
Buried Copper Cable	6423.1	$ -	$ -	$ -	0.0000	0.0000	0.0346
Buried Fiber Cable	6423.2	$ -	$ -	$ -	0.0000	0.0000	0.0039
Conduit Investment System	6441	$ -	$ -	$ -	0.0000	0.0000	0.0033
Other Property Plant	6510	$ 0.0300	$ 0.0300	$ 0.0240	0.0000	0.0000	0.0000
Network Operations	6530	$ 1.3300	$ 1.3300	$ 1.9490	0.0000	0.0000	0.0000
Marketing	6610	$ 0.3500	$ 0.3500	$ 1.4920			
Services	6620	$ 2.4200	$ 2.4200	$ 0.4590			
Executive and Planning	6710	$ 0.1400	$ 0.1400	$ 0.0910			
General and Administrative	6720	$ 2.1500	$ 2.1500	$ 2.3470			
Uncollectibles	6790	$ 0.1700	$ 0.1700	$ 0.1850			
Total Expense	Per Line Expense	$ 11.34	$ 11.34	$ 8.32			

BCPM Expense Inputs

Per Line Monthly Operating Expenses for Small, Medium and Large Companies

Business Expense Table

Cost Element							
Network Support Expense	6110	$ 0.1500	$ 0.1500	$ 0.0230	0.0000	0.0000	0.0000
General Support	6120	$ 1.2000	$ 1.2000	$ 1.4750			
COE Switching	6210	$ 0.3400	$ 0.3400	$ -	0.0000	0.0000	0.0400
COE Transmission	6230	$ 0.2300	$ 0.2300	$ -	0.0000	0.0000	0.0169
Information Orig/Term	6310	$ 0.0700	$ 0.0700	$ 0.2770			
Poles	6411	$ 2.7600	$ 2.7600	$ -	0.0000	0.0000	0.0179
Aerial Copper Cable	6421.1	$ -	$ -	$ -	0.0000	0.0000	0.0558
Aerial Fiber Cable	6421.2	$ -	$ -	$ -	0.0000	0.0000	0.0029
Underground Copper Cable	6422.1	$ -	$ -	$ -	0.0000	0.0000	0.0196
Underground Fiber Cable	6422.2	$ -	$ -	$ -	0.0000	0.0000	0.0032
Buried Copper Cable	6423.1	$ -	$ -	$ -	0.0000	0.0000	0.0346
Buried Fiber Cable	6423.2	$ -	$ -	$ -	0.0000	0.0000	0.0039
Conduit Investment System	6441	$ -	$ -	$ -	0.0000	0.0000	0.0033
Other Property Plant	6510	$ 0.0300	$ 0.0300	$ 0.0240	0.0000	0.0000	0.0000
Network Operations	6530	$ 1.3300	$ 1.3300	$ 1.9490	0.0000	0.0000	0.0000
Marketing	6610	$ 0.3500	$ 0.3500	$ 1.4920			
Services	6620	$ 2.4200	$ 2.4200	$ 0.4590			
Executive and Planning	6710	$ 0.1400	$ 0.1400	$ 0.0910			
General and Administrative	6720	$ 2.1500	$ 2.1500	$ 2.3470			
Uncollectibles	6790	$ 0.1700	$ 0.1700	$ 0.1850			
Total Expense		$ 11.34	$ 11.34	$ 8.32			

BCPM State Specific Inputs

AK	1.0949	0.2833	0.1300	3.90%
AL	1.0875	0.1383	0.1300	3.90%
AR	1.0051	0.1663	0.1300	3.90%
AZ	1.1242	0.0546	0.1300	3.90%
CA	1.1714	0.5358	0.1300	3.90%
CO	1.1474	0.0662	0.1300	3.90%
CT	1.1036	0.0898	0.1300	3.90%
DC	1.2661	0.0101	0.1300	3.90%
DE	1.2074	0.0734	0.1300	3.90%
FL	1.2106	0.1622	0.1300	1.53%
GA	1.1078	0.0768	0.1300	3.90%
HI	1.1897	0.5726	0.1300	3.90%
IA	1.0507	0.1579	0.1300	3.90%
ID	1.0843	0.1541	0.1300	3.90%
IL	1.1048	0.1390	0.1300	3.90%
IN	1.0647	0.1558	0.1300	3.90%
KS	1.0713	0.0763	0.1300	3.90%
KY	1.0301	0.2227	0.1300	3.90%
LA	1.1114	0.0938	0.1300	3.90%
MA	1.2348	0.6106	0.1300	3.90%
MD	1.1504	0.0547	0.1300	3.90%
ME	1.2046	0.6274	0.1300	3.90%
MI	1.1449	0.1638	0.1300	3.90%
MN	1.1057	0.0512	0.1300	3.90%
MO	1.0870	0.1374	0.1300	3.90%
MS	0.9969	0.1484	0.1300	3.90%
MT	1.0552	0.1272	0.1300	3.90%
NC	1.1246	0.1839	0.1300	3.90%
ND	1.1643	0.1013	0.1300	3.90%
NE	1.0774	0.1757	0.1300	3.90%
NH	1.2532	0.6936	0.1300	3.90%
NJ	1.3210	0.0622	0.1300	3.90%
NM	1.0349	0.1235	0.1300	3.90%
NV	1.1758	0.5024	0.1300	3.90%
NY	1.2039	0.5678	0.1300	3.90%
OH	1.0709	0.1627	0.1300	3.90%
OK	1.0375	0.1268	0.1300	3.90%
OR	1.0787	0.1639	0.1300	3.90%
PA	1.1366	0.1048	0.1300	3.90%
RI	1.1714	0.6603	0.1300	3.90%
SC	1.0860	0.1554	0.1300	0.66%
SD	1.0447	0.1049	0.1300	3.90%
TN	1.1409	0.1031	0.1300	3.90%
TX	1.0878	0.1187	0.1300	3.90%
UT	1.1545	0.0624	0.1300	3.90%
VA	1.0912	0.1077	0.1300	3.90%
VT	1.2110	0.5668	0.1300	3.90%
WA	1.0967	0.1501	0.1300	3.90%
WI	1.1265	0.1226	0.1300	3.90%
WV	0.9939	0.1188	0.1300	3.90%
WY	1.0555	0.0687	0.1300	3.90%
PR	1.1206	0.2051	0.13	0.039