BellSouth Telecommunications, Inc.
Suite 2101
333 Commerce Street
Nashville, Tennessee 37201-3300

615 214-6301
Fax 615 214-7406

Guy M. Hicks
General Counsel

RECD TN
'99 SEP 30 PM 3 28

September 30, 1999

VIA HAND DELIVERY

David Waddell, Executive Secretary
Tennessee Regulatory Authority
460 James Robertson Parkway
Nashville, TN 37238

Re: *Universal Service*
Docket No. 97-00888

Dear Mr. Waddell:

In accordance with the Authority's September 16, 1999 Interim Order, enclosed are the original and thirteen copies of the non-proprietary version of BellSouth Telecommunications, Inc.'s revised cost studies and supporting calculations. The original BellSouth Benchmark Cost Proxy Model (BCPM) Universal Service cost study filed on March 3, 1998 has been modified to include the TRA's changes as stated in the Interim Order.

As BellSouth noted in its previous filing, BCPM 3.1 only determines the network required to provide basic local service. The model is not designed to identify all costs required to provide a match of costs to the revenues incorporated in the Authority's definition of the universal service revenue benchmark. Accordingly, costs for services other than basic local service must be added externally to the results of BCPM 3.1. In this filing, BellSouth uses the same direct cost results computed externally to BCPM, that were filed in the original March 3, 1998 filing. These costs are based on the costs of unbundled network elements in arbitration and generic cost proceedings in Tennessee. The costs included in this filing for universal service, as defined by the TRA, include:

BCPM 3.1 Results – Provides the cost of the network in BellSouth's territory in Tennessee required to provide basic local service. Additionally, expenses included in BCPM 3.1, as filed by BellSouth, reflect total regulated expenses for BellSouth in Tennessee associated with providing all services included in the revenue benchmark. Note that BCPM 3.1 cost per line represents the average cost for all lines in BellSouth territory in Tennessee – not just residence lines. Since

FILE

residence loops are typically longer than business loops, costs for residence lines would be greater than the average costs calculated by BCPM 3.1.

Interstate Switched Access Cost per Residence Line

Intrastate Switched Access Cost per Residence Line

Toll Costs per Residence Line

Directory Assistance and Operator Surcharge Cost per Residence Line

Proprietary paper versions of the enclosed have been provided to counsel of record.

Very truly yours,

Guy M. Hicks

GMH:ch
Enclosure

FILE

TENNESSEE
TRA COMPLIANCE FILING
BASED ON 9/16/99 INTERIM ORDER ON PHASE II
OF UNIVERSAL SERVICE

BENCHMARK COST PROXY MODEL (BCPM) RESULTS

Provided herein is the Universal Service cost study per the BCPM including model changes and input changes as ordered in the September 16, 1999 Interim Order. Specifically, the original BCPM cost study filed by BellSouth on March 3, 1998 has been modified to include the following TRA ordered changes:

1. LINE COUNT - BellSouth has used 12/31/98 line count data in the correct format for BCPM (the latest available given the short timeframe in which to file) even though the Census data used in BCPM is 1995 data. This results in a mismatch between line count and census data (households) which ultimately results in an inappropriately low cost per line. Use of even more current line data would exacerbate the problem.

2. DROP - The per foot drop wire costs used by the HAI model is used in this BCPM study. In addition, the BCPM model was adjusted to reflect a 100 foot input for aerial and buried drop length.

3. STRUCTURE SHARING - For aerial support structures, BCPM inputs reflect three other entities sharing the structure with the ILEC, for a total of four. For buried distribution structures, the BCPM reflects one other entity sharing with the ILEC, for a total of two.

4. FIBER / COPPER BREAKPOINT – BCPM preprocessing was revised to include an 18,000 CSA design area. Additionally, the fiber/copper break point input in the BCPM model was increased from 12,000 feet to 18,000. The BCPM was adjusted to reflect the price of the RUVG2 range extension card in place of the REUVG card.

5. WIRELESS CAP - As ordered by the TRA, no wireless cap should be used. Therefore, "uncapped" results from BCPM are appropriate.

6. MATERIALS AND INSTALLATION - The HAI inputs were used in BCPM for determining the materials and installation costs of manholes, poles, anchors, guys, aerial cable, and building attachments.

7. NID - The HAI inputs were used in BCPM for calculating the cost of the NID.

8. SAI - The HAI inputs were used in BCPM for determining the cost of installing SAIs.

FILE

9. SWITCHING - Switching investment cost were determined as follows:

- The "effective discounts" used in the BCPM's Switching Module were adjusted to reflect vendor discounts on switching equipment equal to those ordered by the Authority in Issue 14 of Phase I of Docket 97-012262.
- BST omitted its proposed stand-along costs for vertical features in its cost estimates.
- BellSouth used the switch curves derived from the Bellcore SCIS model;
- BellSouth recalculated switch usage charges per CCS as follows: First, subtract non-traffic sensitive line termination costs and getting started investments from total switch investments. Second, divide the resulting amount by the volume of busy hour calls measured in CCSs.

10. DEPRECIATION - The economic depreciation rates and associated inputs prescribed by the FCC and the TPSC in 1993 were included in BCPM.

11. NETWORK OPERATION EXPENSES - BellSouth 1996 normalized Network Operations Expenses were reduced by 22.5% in the BCPM Model.

12. OTHER USAGE COST STUDIES - Cost studies for interstate switched access, intrastate switched access, toll, and directory assistance are provided separately form BCPM results and are added to BCPM results to develop a total cost per line corresponding to the revenue benchmark.

13. COST OF MONEY - A cost of equity of 12.46% was used in BCPM. A debt percentage of 60% was used in BCPM. The cost of debt used in estimating cost for BST was 6.68%, which results in an overall cost of capital of 10.15%.

14. FUND ADMINISTRATION – No costs are included in BellSouth's cost study for reasonable and necessary administrative costs, such as personnel, equipment, facilities, and studies needed by the administrator.

Following is a spreadsheet showing for each wire center the 12-31-99 primary residence line counts, the average monthly costs, "other" costs (including switched access, toll and directory assistance), and the revenue benchmarks. Also included are the BCPM output, BCPM input files, revised expense worksheet showing the ordered change to Network Operations expenses, and "other" cost study summaries.

TN Revenue Benchmark

Wire Center	12-31-98 Primary Residential Access Line Counts	Monthly Cost	Monthly Cost with Gross Receipts	Other Cost (see note)	Total Monthly Cost	Benchmark
ACHLTNMTRS0	[redacted]	$ 78.45	$ 78.59	$ 1.57	$ 80.02	$ [redacted]
ARTNTNMTRS5		$ 43.91	$ 43.99	$ 1.57	$ 45.48	$
ASCYTNMADS0		$ 42.05	$ 42.13	$ 1.57	$ 43.62	$
ATHNTNMADS0		$ 39.57	$ 39.65	$ 1.57	$ 41.14	$
BGSNTNMARS0		$ 78.04	$ 78.19	$ 1.57	$ 79.61	$
BLGPTNMARS0		$ 61.33	$ 61.44	$ 1.57	$ 62.90	$
BLLSTNMARS0		$ 43.91	$ 44.00	$ 1.57	$ 45.48	$
BLNCTNMTRS5		$ 84.99	$ 85.15	$ 1.57	$ 86.56	$
BLVRTNMADS0		$ 48.87	$ 48.96	$ 1.57	$ 50.44	$
BNTNTNMTRS0		$ 45.65	$ 45.73	$ 1.57	$ 47.22	$
BTSPTNMARS0		$ 76.08	$ 76.22	$ 1.57	$ 77.65	$
BWVLTNMADS1		$ 47.75	$ 47.84	$ 1.57	$ 49.32	$
CHRLTNMTDS0		$ 50.54	$ 50.64	$ 1.57	$ 52.11	$
CHTGTNBRDS0		$ 28.06	$ 28.12	$ 1.57	$ 29.63	$
CHTGTNDTDS0		$ 30.36	$ 30.42	$ 1.57	$ 31.93	$
CHTGTNHTDS0		$ 33.24	$ 33.30	$ 1.57	$ 34.81	$
CHTGTNMVDS0		$ 32.33	$ 32.40	$ 1.57	$ 33.90	$
CHTGTNNSDS0		$ 25.42	$ 25.47	$ 1.57	$ 26.99	$
CHTGTNRBDS0		$ 30.41	$ 30.46	$ 1.57	$ 31.98	$
CHTGTNRODS0		$ 52.83	$ 52.93	$ 1.57	$ 54.40	$
CHTGTNSEDS0		$ 37.84	$ 37.91	$ 1.57	$ 39.41	$
CHTGTNSMRS5		$ 36.39	$ 36.46	$ 1.57	$ 37.96	$
CHTNTNMTRS0		$ 55.68	$ 55.78	$ 1.57	$ 57.25	$
CLDGTNMADS1		$ 59.65	$ 59.76	$ 1.57	$ 61.22	$
CLEVTNMADS0		$ 33.34	$ 33.40	$ 1.57	$ 34.91	$
CLMATNMADS0		$ 33.84	$ 33.90	$ 1.57	$ 35.41	$
CLTNTNMADS0		$ 35.09	$ 35.16	$ 1.57	$ 36.66	$
CLVLTNMADS0		$ 31.47	$ 31.53	$ 1.57	$ 33.04	$
CMCYTNMTRS5		$ 106.33	$ 106.53	$ 1.57	$ 107.90	$
CMDNTNMADS0		$ 46.91	$ 47.00	$ 1.57	$ 48.48	$
CNHMTNMARS5		$ 57.99	$ 58.10	$ 1.57	$ 59.56	$
CNVLTNMARS0		$ 62.95	$ 63.07	$ 1.57	$ 64.52	$
CRHLTNCBRS0		$ 68.21	$ 68.34	$ 1.57	$ 69.78	$
CRPLTNMARS0		$ 44.05	$ 44.14	$ 1.57	$ 45.62	$
CRTHTNMARS5		$ 40.89	$ 40.97	$ 1.57	$ 42.46	$
CRVLTNMADS0		$ 28.03	$ 28.08	$ 1.57	$ 29.60	$
CULKTNMARS5		$ 71.05	$ 71.19	$ 1.57	$ 72.62	$
CVTNTNMTDS1		$ 39.56	$ 39.63	$ 1.57	$ 41.13	$
DCTRTNMTRS5		$ 52.10	$ 52.20	$ 1.57	$ 53.67	$
DKSNTNMTDS0		$ 37.62	$ 37.69	$ 1.57	$ 39.19	$
DNRGTNMADS0		$ 37.25	$ 37.32	$ 1.57	$ 38.82	$
DOVRTNMTRS5		$ 57.67	$ 57.78	$ 1.57	$ 59.24	$
DYBGTNMADS0		$ 33.45	$ 33.51	$ 1.57	$ 35.02	$
DYERTNMTRS0		$ 43.49	$ 43.58	$ 1.57	$ 45.06	$
DYTNTNMADS0		$ 38.99	$ 39.06	$ 1.57	$ 40.56	$
EAVLTNMARS5		$ 56.33	$ 56.44	$ 1.57	$ 57.90	$
ETWHTNMTRS0		$ 45.56	$ 45.65	$ 1.57	$ 47.13	$
FIVLTNMARS5		$ 39.66	$ 39.74	$ 1.57	$ 41.23	$
FKLNTNCCRS5		$ 22.72	$ 22.76	$ 1.57	$ 24.29	$
FKLNTNMADS0		$ 30.68	$ 30.73	$ 1.57	$ 32.25	$
FLVLTNMARS5		$ 61.16	$ 61.28	$ 1.57	$ 62.73	$
FRDNTNMARS5		$ 50.79	$ 50.89	$ 1.57	$ 52.36	$
FRVWTNMTRS5		$ 42.13	$ 42.21	$ 1.57	$ 43.70	$
FYVLTNMADS0		$ 39.43	$ 39.50	$ 1.57	$ 41.00	$
GALLTNMADS0		$ 32.73	$ 32.80	$ 1.57	$ 34.30	$
GBSNTNMTRS0		$ 55.69	$ 55.79	$ 1.57	$ 57.26	$
GDJTTNMARS0		$ 63.90	$ 64.02	$ 1.57	$ 65.47	$

TN Revenue Benchmark

Wire Center	12-31-98 Primary Residential Access Line Counts	Monthly Cost	Monthly Cost with Gross Receipts	Other Cost (see note)	Total Monthly Cost	Benchmark
GDVLTNMACG0	[redacted]	$ 30.05	$ 30.11	$ 1.57	$ 31.62	$ [redacted]
GLSNTNMARS0		$ 62.31	$ 62.43	$ 1.57	$ 63.88	$
GNBRTNMARS5		$ 36.15	$ 36.21	$ 1.57	$ 37.72	$
GNFDTNMTDS0		$ 45.25	$ 45.34	$ 1.57	$ 46.82	$
GRNBTNMARS5		$ 51.80	$ 51.90	$ 1.57	$ 53.37	$
GTBGTNMTDS0		$ 39.69	$ 39.76	$ 1.57	$ 41.26	$
GTWSTNSWRS5		$ 23.64	$ 23.69	$ 1.57	$ 25.21	$
HDVLTNMADS0		$ 29.85	$ 29.91	$ 1.57	$ 31.42	$
HHNWTNMARS5		$ 49.48	$ 49.57	$ 1.57	$ 51.05	$
HIMNTNMADS0		$ 39.16	$ 39.24	$ 1.57	$ 40.73	$
HLLSTNMTRS5		$ 63.07	$ 63.19	$ 1.57	$ 64.64	$
HMBLTNMADS1		$ 36.00	$ 36.07	$ 1.57	$ 37.57	$
HMPSTNMARS5		$ 95.37	$ 95.56	$ 1.57	$ 96.94	$
HNLDTNMADS0		$ 74.09	$ 74.23	$ 1.57	$ 75.66	$
HNNGTNMARS5		$ 86.48	$ 86.64	$ 1.57	$ 88.05	$
HNSNTNMTRS0		$ 48.09	$ 48.18	$ 1.57	$ 49.66	$
HNTGTNMADS0		$ 52.16	$ 52.26	$ 1.57	$ 53.73	$
HRFRTNMARS0		$ 53.01	$ 53.11	$ 1.57	$ 54.58	$
HRNBTNMTRS5		$ 73.26	$ 73.40	$ 1.57	$ 74.83	$
HTVLTNMARS5		$ 49.25	$ 49.34	$ 1.57	$ 50.82	$
JCSNTNMADS0		$ 34.11	$ 34.17	$ 1.57	$ 35.68	$
JCSNTNNSDS0		$ 27.35	$ 27.41	$ 1.57	$ 28.92	$
JFCYTNMADS1		$ 36.53	$ 36.60	$ 1.57	$ 38.10	$
JLLCTNMARS0		$ 52.04	$ 52.14	$ 1.57	$ 53.61	$
JSPRTNMTDS0		$ 43.91	$ 43.99	$ 1.57	$ 45.48	$
KGTNTNMTDS0		$ 41.66	$ 41.74	$ 1.57	$ 43.23	$
KNTNTNMARS5		$ 58.17	$ 58.28	$ 1.57	$ 59.74	$
KNVLTNBEDS0		$ 27.55	$ 27.60	$ 1.57	$ 29.12	$
KNVLTNFCDS0		$ 30.41	$ 30.47	$ 1.57	$ 31.98	$
KNVLTNMADS0		$ 29.12	$ 29.17	$ 1.57	$ 30.69	$
KNVLTNWHDS0		$ 27.98	$ 28.03	$ 1.57	$ 29.55	$
KNVLTNYHCG0		$ 34.64	$ 34.71	$ 1.57	$ 36.21	$
LBNNTNMADS0		$ 39.43	$ 39.50	$ 1.57	$ 41.00	$
LFLTTNMADS0		$ 38.80	$ 38.88	$ 1.57	$ 40.37	$
LKCYTNMADS0		$ 35.15	$ 35.22	$ 1.57	$ 36.72	$
LNCYTNMADS0		$ 35.55	$ 35.61	$ 1.57	$ 37.12	$
LODNTNMARS5		$ 34.53	$ 34.60	$ 1.57	$ 36.10	$
LRBGTNMADS0		$ 41.95	$ 42.03	$ 1.57	$ 43.52	$
LWBGTNMADS0		$ 44.41	$ 44.50	$ 1.57	$ 45.98	$
LXTNTNMADS1		$ 45.82	$ 45.91	$ 1.57	$ 47.39	$
LYBGTNMTRS0		$ 54.36	$ 54.46	$ 1.57	$ 55.93	$
LYLSTNMARS0		$ 49.53	$ 49.62	$ 1.57	$ 51.10	$
LYVLTNMARS5		$ 95.77	$ 95.95	$ 1.57	$ 97.34	$
MAVLTNMADS0		$ 32.73	$ 32.79	$ 1.57	$ 34.30	$
MCKNTNMARS0		$ 41.04	$ 41.12	$ 1.57	$ 42.61	$
MCWNTNMTRS5		$ 55.86	$ 55.96	$ 1.57	$ 57.43	$
MDTNTNMADS0		$ 64.36	$ 64.49	$ 1.57	$ 65.93	$
MDVITNMTDS0		$ 42.89	$ 42.97	$ 1.57	$ 44.46	$
MEDNTNMADS0		$ 57.94	$ 58.05	$ 1.57	$ 59.51	$
MILNTNMARS0		$ 34.35	$ 34.42	$ 1.57	$ 35.92	$
MMPHTNBADS0		$ 26.92	$ 26.97	$ 1.57	$ 28.49	$
MMPHTNCKDS0		$ 31.55	$ 31.61	$ 1.57	$ 33.12	$
MMPHTNCTDS0		$ 28.81	$ 28.86	$ 1.57	$ 30.38	$
MMPHTNELDS0		$ 25.52	$ 25.57	$ 1.57	$ 27.09	$
MMPHTNFRDS0		$ 29.90	$ 29.95	$ 1.57	$ 31.47	$
MMPHTNGTDS0		$ 26.68	$ 26.73	$ 1.57	$ 28.25	$
MMPHTNHPRS5		$ 68.23	$ 68.36	$ 1.57	$ 69.80	$ [redacted]

TN Revenue Benchmark

Wire Center	12-31-98 Primary Residential Access Line Counts	Monthly Cost	Monthly Cost with Gross Receipts	Other Cost (see note)	Total Monthly Cost	Benchmark
MMPHTNMADS0	[redacted]	$ 25.90	$ 25.95	$ 1.57	$ 27.47	$ [redacted]
MMPHTNMTCG0		$ 28.26	$ 28.31	$ 1.57	$ 29.83	$
MMPHTNOADS1		$ 27.16	$ 27.22	$ 1.57	$ 28.73	$
MMPHTNSLDS0		$ 27.86	$ 27.91	$ 1.57	$ 29.43	$
MMPHTNSTDS0		$ 30.28	$ 30.34	$ 1.57	$ 31.85	$
MMPHTNWWCG0		$ 31.78	$ 31.85	$ 1.57	$ 33.35	$
MNCHTNMADS0		$ 40.63	$ 40.71	$ 1.57	$ 42.20	$
MNPLTNMARS5		$ 42.71	$ 42.79	$ 1.57	$ 44.28	$
MRBOTNMADS0		$ 30.45	$ 30.51	$ 1.57	$ 32.02	$
MRTWTNMADS0		$ 32.99	$ 33.05	$ 1.57	$ 34.56	$
MSCTTNMTDS0		$ 39.60	$ 39.67	$ 1.57	$ 41.17	$
MSCWTNMARS0		$ 84.82	$ 84.98	$ 1.57	$ 86.39	$
MYVLTNMARS0		$ 45.69	$ 45.77	$ 1.57	$ 47.26	$
NRRSTNMARS0		$ 44.38	$ 44.47	$ 1.57	$ 45.95	$
NSVLTNAARS5		$ 23.17	$ 23.21	$ 1.57	$ 24.74	$
NSVLTNAPDS0		$ 27.39	$ 27.44	$ 1.57	$ 28.96	$
NSVLTNBHRS5		$ 29.53	$ 29.58	$ 1.57	$ 31.10	$
NSVLTNBVDS0		$ 28.01	$ 28.06	$ 1.57	$ 29.58	$
NSVLTNBWDS0		$ 30.01	$ 30.07	$ 1.57	$ 31.58	$
NSVLTNCDRS5		$ 27.95	$ 28.00	$ 1.57	$ 29.52	$
NSVLTNCHDS0		$ 27.72	$ 27.77	$ 1.57	$ 29.29	$
NSVLTNDODS0		$ 27.28	$ 27.33	$ 1.57	$ 28.85	$
NSVLTNHHRS5		$ 26.97	$ 27.02	$ 1.57	$ 28.54	$
NSVLTNINCG0		$ 29.21	$ 29.27	$ 1.57	$ 30.78	$
NSVLTNMCDS0		$ 28.16	$ 28.22	$ 1.57	$ 29.73	$
NSVLTNMTDS0		$ 24.57	$ 24.61	$ 1.57	$ 26.14	$
NSVLTNSTDS0		$ 27.24	$ 27.29	$ 1.57	$ 28.81	$
NSVLTNUNDS0		$ 24.62	$ 24.66	$ 1.57	$ 26.19	$
NSVLTNWCDS0		$ 35.30	$ 35.37	$ 1.57	$ 36.87	$
NSVLTNWMDS0		$ 29.75	$ 29.80	$ 1.57	$ 31.32	$
NWBRTNMARS5		$ 43.50	$ 43.58	$ 1.57	$ 45.07	$
NWPTTNMTDS0		$ 42.01	$ 42.09	$ 1.57	$ 43.58	$
OKRGTNMTDS0		$ 30.39	$ 30.44	$ 1.57	$ 31.96	$
OLHCTNMARS5		$ 27.17	$ 27.22	$ 1.57	$ 28.74	$
OLSPTNMARS0		$ 32.67	$ 32.73	$ 1.57	$ 34.24	$
PARSTNMADS1		$ 36.86	$ 36.93	$ 1.57	$ 38.43	$
PLMYTNMARS5		$ 81.38	$ 81.53	$ 1.57	$ 82.95	$
PLSKTNMADS0		$ 49.68	$ 49.78	$ 1.57	$ 51.25	$
PSVWTNMTRS0		$ 43.47	$ 43.56	$ 1.57	$ 45.04	$
PTBGTNMARS0		$ 94.03	$ 94.21	$ 1.57	$ 95.60	$
PTLDTNMARS5		$ 39.59	$ 39.67	$ 1.57	$ 41.16	$
RDGLTNMARS5		$ 78.17	$ 78.31	$ 1.57	$ 79.74	$
RKWDTNMADS0		$ 42.27	$ 42.35	$ 1.57	$ 43.84	$
RPLYTNMADS0		$ 37.24	$ 37.31	$ 1.57	$ 38.81	$
RRVLTNMADS0		$ 40.67	$ 40.75	$ 1.57	$ 42.24	$
SANGTNMTRS5		$ 34.20	$ 34.27	$ 1.57	$ 35.77	$
SDDSTNMARS5		$ 40.88	$ 40.96	$ 1.57	$ 42.45	$
SEWNTNMWDS0		$ 56.91	$ 57.01	$ 1.57	$ 58.48	$
SHVLTNMADS0		$ 39.57	$ 39.64	$ 1.57	$ 41.14	$
SLMRTNMTDS0		$ 52.16	$ 52.26	$ 1.57	$ 53.73	$
SMTWTNMARS5		$ 55.92	$ 56.03	$ 1.57	$ 57.49	$
SMYRTNMADS0		$ 28.82	$ 28.87	$ 1.57	$ 30.39	$
SNTFTNMARS5		$ 74.27	$ 74.41	$ 1.57	$ 75.84	$
SNVLTNMARS0		$ 72.58	$ 72.71	$ 1.57	$ 74.15	$
SOVLTNMTDS0		$ 48.08	$ 48.17	$ 1.57	$ 49.65	$
SPBGTNMARS0		$ 42.07	$ 42.15	$ 1.57	$ 43.64	$
SPCYTNMTRS0		$ 47.82	$ 47.91	$ 1.57	$ 49.39	$

TN Revenue Benchmark

Wire Center	12-31-98 Primary Residential Access Line Counts	Monthly Cost	Monthly Cost with Gross Receipts	Other Cost (see note)	Total Monthly Cost	Benchmark
SPFDTNMADS0	[redacted]	$ 35.85	$ 35.92	$ 1.57	$ 37.42	$ [redacted]
SPHLTNMTRS0		$ 43.51	$ 43.59	$ 1.57	$ 45.08	$
SRVLTNMADS0		$ 60.47	$ 60.59	$ 1.57	$ 62.04	$
SVNHTNMTDS0		$ 47.20	$ 47.29	$ 1.57	$ 48.77	$
SVVLTNMTDS0		$ 36.74	$ 36.81	$ 1.57	$ 38.31	$
SWTWTNMTDS0		$ 39.90	$ 39.98	$ 1.57	$ 41.47	$
TLLHTNMADS0		$ 33.78	$ 33.85	$ 1.57	$ 35.35	$
TPVLTNMARS0		$ 46.68	$ 46.76	$ 1.57	$ 48.25	$
TRNTNMARS5		$ 81.91	$ 82.07	$ 1.57	$ 83.48	$
TROYTNMTRS5		$ 54.69	$ 54.79	$ 1.57	$ 56.26	$
TRTNTNMADS0		$ 38.50	$ 38.57	$ 1.57	$ 40.07	$
TWNSTNMARS5		$ 64.18	$ 64.30	$ 1.57	$ 65.75	$
UNCYTNMADS0		$ 34.78	$ 34.84	$ 1.57	$ 36.35	$
VNLRTNMARS5		$ 67.31	$ 67.44	$ 1.57	$ 68.88	$
WHBLTNMTDS0		$ 42.49	$ 42.57	$ 1.57	$ 44.06	$
WHHSTNMARS0		$ 32.77	$ 32.84	$ 1.57	$ 34.34	$
WHPITNMADS0		$ 38.11	$ 38.18	$ 1.57	$ 39.68	$
WHVLTNMTRS0		$ 50.49	$ 50.58	$ 1.57	$ 52.06	$
WHWLTNMARS5		$ 57.28	$ 57.39	$ 1.57	$ 58.85	$
WLPTTNMARS0		$ 93.01	$ 93.18	$ 1.57	$ 94.58	$
WNCHTNMADS0		$ 41.23	$ 41.31	$ 1.57	$ 42.80	$
WRTRTNMTRS5		$ 66.26	$ 66.39	$ 1.57	$ 67.83	$
WTTWTNMARS5		$ 66.93	$ 67.05	$ 1.57	$ 68.50	$
WVRLTNMTRS5		$ 56.15	$ 56.25	$ 1.57	$ 57.72	$

Note - Includes: Interstate Switched Access of .60, Intrastate Switched Access of .14, Toll of [redacted] and Directory Assistance of .71

BCPM COST STUDY RESULTS

Benchmark Cost Proxy Model Results

Area Wide Summary Report

TOTAL SUMMARY
BELL SOUTH
TENNESSEE
WIRE CENTERS [195]

Investment Per Line Data	Uncapped Annual Amount	Capped[1] Annual Amount
Loop Investment	$ 1,074	$ 1,043
Switch Investment	$ 104	$ 104
IOF Investment	$ 13	$ 13
Other Investment	$ 77	$ 75
Total Investment	$ 1,268	$ 1,236

Expense Per Month Data		
Total Capital Cost per Line	$ 16.27	$ 15.86
Total Operating Expense per Line	$ 17.09	$ 17.06
Total Cost per Line	$ 33.35	$ 32.92
Gross Receipts Tax[2]	$ 0.06	$ 0.06

Line Data	
Average Loop Length in Feet	21,858
Lines Above $10K Loop Investment	5,716
Number of Households	1,590,186
Number of Residential Lines	1,895,638
Number of Single Business Lines	52,457
Multiple Business Lines	659,806
Non Switched Lines	107,569
Total GRID Lines Served	2,715,470

1 GRIDs with Average Loop Investment per line over $10,000 are capped at $10,000.
2 Application varies so much on a state by state basis, it is not included in the Monthly Cost.

Assumptions:
[GRID] E:\BCPM3.1TRA\RESULTS\TRA3_TRA3_GRID_REPORT.CSV
PROCESSING - TRA3 : CAPCOST - TRA3

BCPM COST STUDY INPUTS

Manual Inputs

Global Inputs		
SS7_5ESS	300,000.00	SS7 Investment - 5ESS
SS7_DMS	100,000.00	SS7 Investment - DMS
Engineering_Option	C	Default Engineered CCS and Calls per Line
USF_Option	C	Calculation of USF Investment per Line
HB_Mult	2	"Heavy Business" Loading Multiplier
Min_Mult	1.2	Minimum Loading Multiplier
Bus_Pen_Rat	0.3	Business Penetration Ratio
ExcessCCS_Option	L	Include Reserved CCS Investment in Line Port or Usage?
LT_MDF_Prot_USF_Pct	100%	Portion of line protector and MDF attributable to USF.
Line_Port_USF_Pct	100%	Portion of Line port attributable to USF.
LineCapConstraint	80,000	Line Capacity Constraint
CCSCapConstraint	1,800,000	CCS Capacity Constraint
CallsCapConstraint	600,000	Calls Capacity Constraint
Loc_TDM_Calls	0.98	Direct Routed Fraction of Local Interoffice Traffic
S_Threshold	4000	Small Office Standalone Threshold
H_Threshold	3500	Small Office Host Threshold
R_Threshold	500	Small Office Remote Threshold

SWDiscAdjFactorTable

Switch Type:	Processor	MDF & Protector	Line Port	Line CCS	Trunk CCS	SS7
5EH	0.9322	0.6171	0.9301	0.9561	0.9715	0.9931
5ER	0.7959	0.6171	0.9483	0.9630	0.9935	NA
DMSH	0.9769	0.6171	0.9905	0.9685	0.9806	0.9782
DMSR	0.9254	0.6171	0.9980	0.9791	NA	NA

Partitioning Percentages for Small Switches

	Processor	Line Port	Line CCS	Trunk CCS	MDF/Prot	SS7
Standalone	31%	23%	33%	6.17%	4.58%	2.36%
Host	19%	28%	39%	7.92%	5.70%	1.05%
Remote	33%	28%	34%	0.00%	5.91%	0.00%

Vendor Discounts for Small Switches

	Vendor 1	Vendor 2	Vendor 3
Effective Discount	0.00%	0.00%	0.00%

Investment Parameters for Small Switches

		Vendor 1	Vendor 2	Vendor 3
Standalone	Fixed Investment per Switch	$ 589,262.60	$ -	$ -
	Investment per Line	$ 42.69	$ -	$ -
Host	Fixed Investment per Switch	$ 589,262.60	$ -	$ -
	Investment per Line	$ 42.69	$ -	$ -
Remote	Fixed Investment per Switch	$ 54,269.76	$ -	$ -
	Investment per Line	$ 144.58	$ -	$ -

SWDiscountFactorTable

	New Discount Rate	Growth Discount Rate	Percent of Lines New	MDF & Protector Discount
5E Switches	[redacted]	[redacted]	[redacted]	[redacted]
DMS Switches	[redacted]	[redacted]	[redacted]	[redacted]

SWStateDefaultInputs

State	ARMIS Percent Local Calls	ARMIS Percent Toll Calls	ARMIS Percent Residence Lines	ARMIS Percent Business Lines	Default EngineeredCalls/Line	Default EngineeredCCS/Line	number of busy hour local/EAS calls per residence line	number of busy hour local/EAS calls per business line
AL	89.83%	10.17%	74.68%	25.32%	2.5	3.60		
AK	81.46%	18.54%	67.45%	32.55%	2.5	3.60		
AZ	89.34%	10.66%	73.23%	26.77%	2.5	3.60		
AR	82.50%	17.50%	73.39%	26.61%	2.5	3.60		
CA	73.19%	26.81%	63.99%	36.01%	2.5	3.60		
CO	88.45%	11.55%	69.72%	30.28%	2.5	3.60		
CT	76.68%	23.32%	69.19%	30.81%	2.5	3.60		
DE	84.06%	15.94%	65.00%	35.00%	2.5	3.60		
DC	91.09%	8.91%	31.78%	68.22%	2.5	3.60		
FL	84.87%	15.13%	71.85%	28.15%	2.5	3.60		
GA	89.62%	10.38%	66.54%	33.46%	2.5	3.60		
HI	88.90%	11.10%	66.88%	33.12%	2.5	3.60		
ID	82.25%	17.75%	73.30%	26.70%	2.5	3.60		
IL	86.56%	13.44%	63.72%	36.28%	2.5	3.60		
IN	84.33%	15.67%	70.14%	29.86%	2.5	3.60		
IA	84.07%	15.93%	75.63%	24.37%	2.5	3.60		
KS	85.02%	14.98%	69.98%	30.02%	2.5	3.60		
KY	87.02%	12.98%	75.13%	24.87%	2.5	3.60		
LA	92.80%	7.20%	73.45%	26.55%	2.5	3.60		
ME	43.40%	56.60%	59.69%	40.31%	2.5	3.60		
MD	88.26%	11.74%	64.99%	35.01%	2.5	3.60		
MA	44.40%	55.60%	50.96%	49.04%	2.5	3.60		
MI	83.58%	16.42%	67.78%	32.22%	2.5	3.60		
MN	90.36%	9.64%	69.09%	30.91%	2.5	3.60		
MS	90.29%	9.71%	74.61%	25.39%	2.5	3.60		
MO	87.48%	12.52%	71.49%	28.51%	2.5	3.60		
MT	84.07%	15.93%	73.68%	26.32%	2.5	3.60		
NE	84.71%	15.29%	71.58%	28.42%	2.5	3.60		
NV	84.36%	15.64%	66.53%	33.47%	2.5	3.60		
NH	42.98%	57.02%	55.28%	44.72%	2.5	3.60		
NJ	71.87%	28.13%	66.28%	33.72%	2.5	3.60		
NM	87.09%	12.91%	74.49%	25.51%	2.5	3.60		
NY	84.89%	15.11%	65.66%	34.34%	2.5	3.60		
NC	84.37%	15.63%	71.10%	28.90%	2.5	3.60		
ND	85.58%	14.42%	73.79%	26.21%	2.5	3.60		
OH	86.70%	13.30%	71.17%	28.83%	2.5	3.60		
OK	87.31%	12.69%	71.99%	28.01%	2.5	3.60		
OR	83.80%	16.20%	71.07%	28.93%	2.5	3.60		
PA	83.73%	16.27%	68.11%	31.89%	2.5	3.60		
PR	81.46%	18.54%	67.45%	32.55%	2.5	3.60		
RI	80.87%	19.13%	71.09%	28.91%	2.5	3.60		
SC	87.59%	12.41%	72.25%	27.75%	2.5	3.60		
SD	84.40%	15.60%	71.80%	28.20%	2.5	3.60		
TN	90.78%	9.22%	71.44%	28.56%	2.58	4.02	2.34	2.34
TX	86.40%	13.60%	67.89%	32.11%	2.5	3.60		
UT	88.96%	11.04%	71.09%	28.91%	2.5	3.60		
VT	78.56%	21.44%	70.21%	29.79%	2.5	3.60		
VA	85.16%	14.84%	65.62%	34.38%	2.5	3.60		
WA	83.74%	16.26%	71.14%	28.86%	2.5	3.60		
WV	89.06%	10.94%	76.00%	24.00%	2.5	3.60		
WI	84.35%	15.65%	69.67%	30.33%	2.5	3.60		
WY	82.24%	17.76%	69.03%	30.97%	2.5	3.60		

SWStateDefaultInputs

State	number of busy hour toll calls per residence line	number of busy hour toll calls per business line	number of local/EAS Minutes per call per residence line	number of local/EAS Minutes per call per business line	number of toll Minutes per call per residence line	number of toll Minutes per call per business line	Calculated Calculated Engineered Calls/Line	Calculated Calculated Engineered CCS/Line
AL							-	-
AK							-	-
AZ							-	-
AR							-	-
CA							-	-
CO							-	-
CT							-	-
DE							-	-
DC							-	-
FL							-	-
GA							-	-
HI							-	-
ID							-	-
IL							-	-
IN							-	-
IA							-	-
KS							-	-
KY							-	-
LA							-	-
ME							-	-
MD							-	-
MA							-	-
MI							-	-
MN							-	-
MS							-	-
MO							-	-
MT							-	-
NE							-	-
NV							-	-
NH							-	-
NJ							-	-
NM							-	-
NY							-	-
NC							-	-
ND							-	-
OH							-	-
OK							-	-
OR							-	-
PA							-	-
PR							-	-
RI							-	-
SC							-	-
SD							-	-
TN	0.24	0.24	2.60	2.60	2.60	2.60	2.58	4.02
TX							-	-
UT							-	-
VT							-	-
VA							-	-
WA							-	-
WV							-	-
WI							-	-
WY							-	-

SWStateDefaultInputs

State	Land Loading	Building Loading	Telco E&I Factor	Common Equipment & Power Factor	Percent of local calls that are interoffice	ABSBH CCS/Trunk	
AL	0.0117	0.0738	0.0577	0.0682	60%	28.8	
AK	0.0117	0.0738	0.0577	0.0682	60%	28.8	
AZ	0.0117	0.0738	0.0577	0.0682	60%	28.8	
AR	0.0117	0.0738	0.0577	0.0682	60%	28.8	
CA	0.0117	0.0738	0.0577	0.0682	60%	28.8	
CO	0.0117	0.0738	0.0577	0.0682	60%	28.8	
CT	0.0117	0.0738	0.0577	0.0682	60%	28.8	
DE	0.0117	0.0738	0.0577	0.0682	60%	28.8	
DC	0.0117	0.0738	0.0577	0.0682	60%	28.8	
FL	0.0117	0.0738	0.0577	0.0682	60%	28.8	
GA	0.0117	0.0738	0.0577	0.0682	60%	28.8	
HI	0.0117	0.0738	0.0577	0.0682	60%	28.8	
ID	0.0117	0.0738	0.0577	0.0682	60%	28.8	
IL	0.0117	0.0738	0.0577	0.0682	60%	28.8	
IN	0.0117	0.0738	0.0577	0.0682	60%	28.8	
IA	0.0117	0.0738	0.0577	0.0682	60%	28.8	
KS	0.0117	0.0738	0.0577	0.0682	60%	28.8	
KY	0.0117	0.0738	0.0577	0.0682	60%	28.8	
LA	0.0117	0.0738	0.0577	0.0682	60%	28.8	
ME	0.0117	0.0738	0.0577	0.0682	60%	28.8	
MD	0.0117	0.0738	0.0577	0.0682	60%	28.8	
MA	0.0117	0.0738	0.0577	0.0682	60%	28.8	
MI	0.0117	0.0738	0.0577	0.0682	60%	28.8	
MN	0.0117	0.0738	0.0577	0.0682	60%	28.8	
MS	0.0117	0.0738	0.0577	0.0682	60%	28.8	
MO	0.0117	0.0738	0.0577	0.0682	60%	28.8	
MT	0.0117	0.0738	0.0577	0.0682	60%	28.8	
NE	0.0117	0.0738	0.0577	0.0682	60%	28.8	
NV	0.0117	0.0738	0.0577	0.0682	60%	28.8	
NH	0.0117	0.0738	0.0577	0.0682	60%	28.8	
NJ	0.0117	0.0738	0.0577	0.0682	60%	28.8	
NM	0.0117	0.0738	0.0577	0.0682	60%	28.8	
NY	0.0117	0.0738	0.0577	0.0682	60%	28.8	
NC	0.0117	0.0738	0.0577	0.0682	60%	28.8	
ND	0.0117	0.0738	0.0577	0.0682	60%	28.8	
OH	0.0117	0.0738	0.0577	0.0682	60%	28.8	
OK	0.0117	0.0738	0.0577	0.0682	60%	28.8	
OR	0.0117	0.0738	0.0577	0.0682	60%	28.8	
PA	0.0117	0.0738	0.0577	0.0682	60%	28.8	
PR	0.0117	0.0738	0.0577	0.0682	60%	28.8	
RI	0.0117	0.0738	0.0577	0.0682	60%	28.8	
SC	0.0117	0.0738	0.0577	0.0682	60%	28.8	
SD	0.0117	0.0738	0.0577	0.0682	60%	28.8	
TN	0.0066	0.1356	0.1275	0.1008	60%	28.8	
TX	0.0117	0.0738	0.0577	0.0682	60%	28.8	
UT	0.0117	0.0738	0.0577	0.0682	60%	28.8	
VT	0.0117	0.0738	0.0577	0.0682	60%	28.8	
VA	0.0117	0.0738	0.0577	0.0682	60%	28.8	
WA	0.0117	0.0738	0.0577	0.0682	60%	28.8	
WV	0.0117	0.0738	0.0577	0.0682	60%	28.8	
WI	0.0117	0.0738	0.0577	0.0682	60%	28.8	
WY	0.0117	0.0738	0.0577	0.0682	60%	28.8	

SWStateDefaultInputs

State	Feature Calls/ Total Calls	SS7 Usage Attributable to Basic Calls	Line /Trunk Ratio	Switch Percent Line Fill	5ESS Share	DMS Share	Call Completion Fraction
AL	30%	25%	14	90%	50%	50%	0.7
AK	30%	25%	14	90%	50%	50%	0.7
AZ	30%	25%	14	90%	50%	50%	0.7
AR	30%	25%	14	90%	50%	50%	0.7
CA	30%	25%	14	90%	50%	50%	0.7
CO	30%	25%	14	90%	50%	50%	0.7
CT	30%	25%	14	90%	50%	50%	0.7
DE	30%	25%	14	90%	50%	50%	0.7
DC	30%	25%	14	90%	50%	50%	0.7
FL	30%	25%	14	90%	50%	50%	0.7
GA	30%	25%	14	90%	50%	50%	0.7
HI	30%	25%	14	90%	50%	50%	0.7
ID	30%	25%	14	90%	50%	50%	0.7
IL	30%	25%	14	90%	50%	50%	0.7
IN	30%	25%	14	90%	50%	50%	0.7
IA	30%	25%	14	90%	50%	50%	0.7
KS	30%	25%	14	90%	50%	50%	0.7
KY	30%	25%	14	90%	50%	50%	0.7
LA	30%	25%	14	90%	50%	50%	0.7
ME	30%	25%	14	90%	50%	50%	0.7
MD	30%	25%	14	90%	50%	50%	0.7
MA	30%	25%	14	90%	50%	50%	0.7
MI	30%	25%	14	90%	50%	50%	0.7
MN	30%	25%	14	90%	50%	50%	0.7
MS	30%	25%	14	90%	50%	50%	0.7
MO	30%	25%	14	90%	50%	50%	0.7
MT	30%	25%	14	90%	50%	50%	0.7
NE	30%	25%	14	90%	50%	50%	0.7
NV	30%	25%	14	90%	50%	50%	0.7
NH	30%	25%	14	90%	50%	50%	0.7
NJ	30%	25%	14	90%	50%	50%	0.7
NM	30%	25%	14	90%	50%	50%	0.7
NY	30%	25%	14	90%	50%	50%	0.7
NC	30%	25%	14	90%	50%	50%	0.7
ND	30%	25%	14	90%	50%	50%	0.7
OH	30%	25%	14	90%	50%	50%	0.7
OK	30%	25%	14	90%	50%	50%	0.7
OR	30%	25%	14	90%	50%	50%	0.7
PA	30%	25%	14	90%	50%	50%	0.7
PR	30%	25%	14	90%	50%	50%	0.7
RI	30%	25%	14	90%	50%	50%	0.7
SC	30%	25%	14	90%	50%	50%	0.7
SD	30%	25%	14	90%	50%	50%	0.7
TN	30%	25%	14	88%	59%	41%	0.7
TX	30%	25%	14	90%	50%	50%	0.7
UT	30%	25%	14	90%	50%	50%	0.7
VT	30%	25%	14	90%	50%	50%	0.7
VA	30%	25%	14	90%	50%	50%	0.7
WA	30%	25%	14	90%	50%	50%	0.7
WV	30%	25%	14	90%	50%	50%	0.7
WI	30%	25%	14	90%	50%	50%	0.7
WY	30%	25%	14	90%	50%	50%	0.7

SWStateDefaultInputs

State	Reserve CCS $/Ln: 5ESS Host/ Standalone (Discounted)	Reserve CCS $/Ln: 5ESS Remote (Discounted)	Reserve CCS $/Ln: DMS Host/ Standalone (Discounted)	Reserve CCS $/Ln: DMS Remote (Discounted)	Small Switch Vendor 1 Share	Small Switch Vendor 2 Share	Small Switch Vendor 3 Share
AL					1	0	0
AK					1	0	0
AZ					1	0	0
AR					1	0	0
CA					1	0	0
CO					1	0	0
CT					1	0	0
DE					1	0	0
DC					1	0	0
FL					1	0	0
GA					1	0	0
HI					1	0	0
ID					1	0	0
IL					1	0	0
IN					1	0	0
IA					1	0	0
KS					1	0	0
KY					1	0	0
LA					1	0	0
ME					1	0	0
MD					1	0	0
MA					1	0	0
MI					1	0	0
MN					1	0	0
MS					1	0	0
MO					1	0	0
MT					1	0	0
NE					1	0	0
NV					1	0	0
NH					1	0	0
NJ					1	0	0
NM					1	0	0
NY					1	0	0
NC					1	0	0
ND					1	0	0
OH					1	0	0
OK					1	0	0
OR					1	0	0
PA					1	0	0
PR					1	0	0
RI					1	0	0
SC					1	0	0
SD					1	0	0
TN	28.54	28.75	19.84	9.65	0	0	0
TX					1	0	0
UT					1	0	0
VT					1	0	0
VA					1	0	0
WA					1	0	0
WV					1	0	0
WI					1	0	0
WY					1	0	0

Switching-Coefficient Inputs

Switch Type Variable	Total Lines	Trunks	Calls	Line CCS	5EH/5ER	5EH*Total Lines/5ER*Total Lines	5EH*Trunks	Constant
StandAloneCoefficients								
Total Inv	358.74	314.64	822,200	0	-220,880	-57.44	0	0
Port	157.96	0	0	0	0	-105.64	0	0
Line CCS	132.74	0	0	0	-162,030	45.47	0	0
Processor	18.46	0	419,110	0	-398,550	37.74	0	1,194,100
Trk CCS	0.00	522.64	0	0	0	0.00	-243.34	0
MDF	15.74	0	0	0	0	0.00	0	0
SS7 Share	--- residual ---							
HostCoefficients								
Total Inv	341.87	481.45	1,062,100	0	-604,800	-71.64	0	0
Port	164.12	0	0	0	0	-114.89	0	0
Line CCS	129.36	0	0	0	122,110	38.40	0	0
Processor	5.98	0	486,620	0	-851,270	45.83	0	1,404,600
Trk CCS	0.00	562.24	0	0	0	0.00	-255.03	0
MDF	16.57	0	0	0	0	0.00	0	0
SS7 Share	--- residual ---							
RemoteCoeficients								
Total Inv	395.02	0	138,340	0	296,350	-118.60	0.00	0
Port	217.86	0	0	0	0	-154.85	0.00	0
Line CCS	136.43	0	0	0	134,090	25.60	0.00	0
Processor	25.53	0	124,620	0	154,810	14.97	0.00	0
MDF	22.04	0	0	0	34,490	-10.59	0.00	0

SignalingInvestments

	Company Size		
	Small	Medium	Large
Res	$ 5.11	$ 5.11	$ 5.11
Bus	$ 9.93	$ 9.93	$ 9.93

Loop Cost Inputs

Drop, NID, Protector Costs

Buried Drop Costs

	FIXED COSTS						DENSITY 0-5		DENSITY 6-100	
Size	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
5	$ 0.14			$ 0.60				$ 0.74		$ 0.74

Aerial Drop Costs

	FIXED COSTS						DENSITY 0-5		DENSITY 6-100	
Size	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
2	$ 0.10			$ 0.16				$ 0.26	$ -	$ 0.26

Residence Costs

	FIXED COSTS						DENSITY 0-5		DENSITY 6-100	
Size	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
NID	$ 10.00	$ -	$ -	$ 15.00				$ 25.00		$ 25.00
Protector	$ 4.00	$ -	$ -	$ -				$ 4.00		$ 4.00
Interface	$ -	$ -	$ -	$ -				$ -		$ -

Business Costs

	FIXED COSTS						DENSITY 0-5		DENSITY 6-100	
Size	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
NID	$ 25.00	$ -	$ -	$ 15.00				$ 40.00		$ 40.00
Protector	$ 4.00	$ -	$ -	$ -				$ 4.00		$ 4.00
Interface	$ -	$ -	$ -	$ -				$ -		$ -

Loop Cost Inputs

Drop, NID, Protector Costs

Buried Drop Costs

	FIXED COSTS						DENSITY 101-200		DENSITY 201-650	
Size	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
5	$ 0.14			$ 0.60				$ 0.74		$ 0.74

Aerial Drop Costs

	FIXED COSTS						DENSITY 101-200		DENSITY 201-650	
Size	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
2	$ 0.10			$ 0.16			$ 0.03	$ 0.28	$ 0.05	$ 0.31

Residence Costs

	FIXED COSTS						DENSITY 101-200		DENSITY 201-650	
Size	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
NID	$ 10.00	$ -	$ -	$ 15.00				$ 25.00		$ 25.00
Protector	$ 4.00	$ -	$ -	$ -				$ 4.00		$ 4.00
Interface	$ -	$ -	$ -	$ -				$ -		$ -

Business Costs

	FIXED COSTS						DENSITY 101-200		DENSITY 201-650	
Size	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
NID	$ 25.00	$ -	$ -	$ 15.00				$ 40.00		$ 40.00
Protector	$ 4.00	$ -	$ -	$ -				$ 4.00		$ 4.00
Interface	$ -	$ -	$ -	$ -				$ -		$ -

000022

Loop Cost Inputs

Drop, NID, Protector Costs

Buried Drop Costs

	FIXED COSTS						DENSITY 651-850		DENSITY 851-2550	
Size	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
5	$ 0.14			$ 0.60				$ 0.74		$ 0.74

Aerial Drop Costs

	FIXED COSTS						DENSITY 651-850		DENSITY 851-2550	
Size	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
2	$ 0.10			$ 0.16			$ 0.07	$ 0.33	$ 0.07	$ 0.33

Residence Costs

	FIXED COSTS						DENSITY 651-850		DENSITY 851-2550	
Size	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
NID	$ 10.00	$ -	$ -	$ 15.00				$ 25.00		$ 25.00
Protector	$ 4.00	$ -	$ -	$ -				$ 4.00		$ 4.00
Interface	$ -	$ -	$ -	$ -				$ -		$ -

Business Costs

	FIXED COSTS						DENSITY 651-850		DENSITY 851-2550	
Size	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
NID	$ 25.00	$ -	$ -	$ 15.00				$ 40.00		$ 40.00
Protector	$ 4.00	$ -	$ -	$ -				$ 4.00		$ 4.00
Interface	$ -	$ -	$ -	$ -				$ -		$ -

000023

Loop Cost Inputs

Drop, NID, Protector Costs

Buried Drop Costs

	FIXED COSTS						DENSITY 2551-5000		DENSITY 5001-10000	
Size	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
5	$ 0.14			$ 0.60			$ -	$ 0.74	$ -	$ 0.74

Aerial Drop Costs

	FIXED COSTS						DENSITY 2551-5000		DENSITY 5001-10000	
Size	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
2	$ 0.10			$ 0.16			$ 0.07	$ 0.33	$ 0.07	$ 0.33

Residence Costs

	FIXED COSTS						DENSITY 2551-5000		DENSITY 5001-10000	
Size	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
NID	$ 10.00	$ -	$ -	$ 15.00				$ 25.00		$ 25.00
Protector	$ 4.00	$ -	$ -	$ -				$ 4.00		$ 4.00
Interface	$ -	$ -	$ -	$ -				$ -		$ -

Business Costs

	FIXED COSTS						DENSITY 2551-5000		DENSITY 5001-10000	
Size	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
NID	$ 25.00	$ -	$ -	$ 15.00				$ 40.00		$ 40.00
Protector	$ 4.00	$ -	$ -	$ -				$ 4.00		$ 4.00
Interface	$ -	$ -	$ -	$ -				$ -		$ -

Loop Cost Inputs

Drop, NID, Protector Costs

Buried Drop Costs

	FIXED COSTS						DENSITY >10001	
Size	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total
5	$ 0.14			$ 0.60			$ -	$ 0.74

Aerial Drop Costs

	FIXED COSTS						DENSITY >10001	
Size	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total
2	$ 0.10			$ 0.16			$ 0.07	$ 0.33

Residence Costs

	FIXED COSTS						DENSITY >10001	
Size	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total
NID	$ 10.00	$ -	$ -	$ 15.00				$ 25.00
Protector	$ 4.00	$ -	$ -	$ -				$ 4.00
Interface	$ -	$ -	$ -	$ -				$ -

Business Costs

	FIXED COSTS						DENSITY >10001	
Size	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total
NID	$ 25.00	$ -	$ -	$ 15.00				$ 40.00
Protector	$ 4.00	$ -	$ -	$ -				$ 4.00
Interface	$ -	$ -	$ -	$ -				$ -

000025

Loop Cost Inputs

Fiber Costs

Fiber - Underground

Size	FIXED COSTS						DENSITY 0-5		DENSITY 6-100	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
288	$ 8.85	$ 2.21	$ 0.53	$ 4.87	$ 1.42	$ 0.62		$ 18.49		$ 18.49
144	$ 4.42	$ 1.13	$ 0.27	$ 2.49	$ 0.72	$ 0.32		$ 9.36		$ 9.36
96	$ 2.49	$ 0.64	$ 0.15	$ 1.40	$ 0.41	$ 0.18		$ 5.27		$ 5.27
72	$ 1.92	$ 0.49	$ 0.12	$ 1.08	$ 0.32	$ 0.14		$ 4.07		$ 4.07
60	$ 1.62	$ 0.42	$ 0.10	$ 0.91	$ 0.27	$ 0.12		$ 3.43		$ 3.43
48	$ 1.37	$ 0.35	$ 0.08	$ 0.77	$ 0.22	$ 0.10		$ 2.89		$ 2.89
36	$ 1.10	$ 0.28	$ 0.07	$ 0.62	$ 0.18	$ 0.08		$ 2.34		$ 2.34
24	$ 0.90	$ 0.23	$ 0.06	$ 0.51	$ 0.15	$ 0.06		$ 1.90		$ 1.90
18	$ 0.71	$ 0.18	$ 0.04	$ 0.40	$ 0.12	$ 0.05		$ 1.51		$ 1.51
12	$ 0.57	$ 0.15	$ 0.03	$ 0.32	$ 0.09	$ 0.04		$ 1.20		$ 1.20

920026

Fiber - Buried

Size	FIXED COSTS						DENSITY 0-5		DENSITY 6-100	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
288	$ 9.27	$ 0.09	$ 0.56	$ 6.31	$ -	$ 2.97		$ 19.19		$ 19.19
144	$ 4.64	$ 0.05	$ 0.28	$ 3.15	$ -	$ 1.48		$ 9.60		$ 9.60
96	$ 2.61	$ 0.03	$ 0.16	$ 1.77	$ -	$ 0.84		$ 5.40		$ 5.40
72	$ 2.02	$ 0.02	$ 0.12	$ 1.37	$ -	$ 0.65		$ 4.17		$ 4.17
60	$ 1.70	$ 0.02	$ 0.10	$ 1.16	$ -	$ 0.54		$ 3.52		$ 3.52
48	$ 1.43	$ 0.01	$ 0.09	$ 0.97	$ -	$ 0.46		$ 2.97		$ 2.97
36	$ 1.16	$ 0.01	$ 0.07	$ 0.79	$ -	$ 0.37		$ 2.39		$ 2.39
24	$ 0.94	$ 0.01	$ 0.06	$ 0.64	$ -	$ 0.30		$ 1.95		$ 1.95
18	$ 0.75	$ 0.01	$ 0.04	$ 0.51	$ -	$ 0.24		$ 1.55		$ 1.55
12	$ 0.59	$ 0.01	$ 0.04	$ 0.40	$ -	$ 0.19		$ 1.23		$ 1.23

Fiber - Aerial

Size	FIXED COSTS						DENSITY 0-5		DENSITY 6-100	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
288	$ 13.10							$ 13.10		$ 13.10
144	$ 9.50							$ 9.50		$ 9.50
96	$ 7.10							$ 7.10		$ 7.10
72	$ 5.90							$ 5.90		$ 5.90
60	$ 5.30							$ 5.30		$ 5.30
48	$ 4.70							$ 4.70		$ 4.70
36	$ 4.10							$ 4.10		$ 4.10
24	$ 3.50							$ 3.50		$ 3.50
18	$ 3.20							$ 3.20		$ 3.20
12	$ 2.90							$ 2.90		$ 2.90

Loop Cost Inputs

Fiber Costs

Fiber - Underground

Size	FIXED COSTS						DENSITY 101-200		DENSITY 201-650	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
288	$ 8.85	$ 2.21	$ 0.53	$ 4.87	$ 1.42	$ 0.62		$ 18.49		$ 18.49
144	$ 4.42	$ 1.13	$ 0.27	$ 2.49	$ 0.72	$ 0.32		$ 9.36		$ 9.36
96	$ 2.49	$ 0.64	$ 0.15	$ 1.40	$ 0.41	$ 0.18		$ 5.27		$ 5.27
72	$ 1.92	$ 0.49	$ 0.12	$ 1.08	$ 0.32	$ 0.14		$ 4.07		$ 4.07
60	$ 1.62	$ 0.42	$ 0.10	$ 0.91	$ 0.27	$ 0.12		$ 3.43		$ 3.43
48	$ 1.37	$ 0.35	$ 0.08	$ 0.77	$ 0.22	$ 0.10		$ 2.89		$ 2.89
36	$ 1.10	$ 0.28	$ 0.07	$ 0.62	$ 0.18	$ 0.08		$ 2.34		$ 2.34
24	$ 0.90	$ 0.23	$ 0.06	$ 0.51	$ 0.15	$ 0.06		$ 1.90		$ 1.90
18	$ 0.71	$ 0.18	$ 0.04	$ 0.40	$ 0.12	$ 0.05		$ 1.51		$ 1.51
12	$ 0.57	$ 0.15	$ 0.03	$ 0.32	$ 0.09	$ 0.04		$ 1.20		$ 1.20

Fiber - Buried

Size	FIXED COSTS						DENSITY 101-200		DENSITY 201-650	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
288	$ 9.27	$ 0.09	$ 0.56	$ 6.31	$ -	$ 2.97		$ 19.19		$ 19.19
144	$ 4.64	$ 0.05	$ 0.28	$ 3.15	$ -	$ 1.48		$ 9.60		$ 9.60
96	$ 2.61	$ 0.03	$ 0.16	$ 1.77	$ -	$ 0.84		$ 5.40		$ 5.40
72	$ 2.02	$ 0.02	$ 0.12	$ 1.37	$ -	$ 0.65		$ 4.17		$ 4.17
60	$ 1.70	$ 0.02	$ 0.10	$ 1.16	$ -	$ 0.54		$ 3.52		$ 3.52
48	$ 1.43	$ 0.01	$ 0.09	$ 0.97	$ -	$ 0.46		$ 2.97		$ 2.97
36	$ 1.16	$ 0.01	$ 0.07	$ 0.79	$ -	$ 0.37		$ 2.39		$ 2.39
24	$ 0.94	$ 0.01	$ 0.06	$ 0.64	$ -	$ 0.30		$ 1.95		$ 1.95
18	$ 0.75	$ 0.01	$ 0.04	$ 0.51	$ -	$ 0.24		$ 1.55		$ 1.55
12	$ 0.59	$ 0.01	$ 0.04	$ 0.40	$ -	$ 0.19		$ 1.23		$ 1.23

Fiber - Aerial

Size	FIXED COSTS						DENSITY 101-200		DENSITY 201-650	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
288	$ 13.10							$ 13.10		$ 13.10
144	$ 9.50							$ 9.50		$ 9.50
96	$ 7.10							$ 7.10		$ 7.10
72	$ 5.90							$ 5.90		$ 5.90
60	$ 5.30							$ 5.30		$ 5.30
48	$ 4.70							$ 4.70		$ 4.70
36	$ 4.10							$ 4.10		$ 4.10
24	$ 3.50							$ 3.50		$ 3.50
18	$ 3.20							$ 3.20		$ 3.20
12	$ 2.90							$ 2.90		$ 2.90

000027

Loop Cost Inputs

Fiber Costs

Fiber - Underground

Size	FIXED COSTS						DENSITY 651-850		DENSITY 851-2550	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
288	$ 8.85	$ 2.21	$ 0.53	$ 4.87	$ 1.42	$ 0.62		$ 18.49		$ 18.49
144	$ 4.42	$ 1.13	$ 0.27	$ 2.49	$ 0.72	$ 0.32		$ 9.36		$ 9.36
96	$ 2.49	$ 0.64	$ 0.15	$ 1.40	$ 0.41	$ 0.18		$ 5.27		$ 5.27
72	$ 1.92	$ 0.49	$ 0.12	$ 1.08	$ 0.32	$ 0.14		$ 4.07		$ 4.07
60	$ 1.62	$ 0.42	$ 0.10	$ 0.91	$ 0.27	$ 0.12		$ 3.43		$ 3.43
48	$ 1.37	$ 0.35	$ 0.08	$ 0.77	$ 0.22	$ 0.10		$ 2.89		$ 2.89
36	$ 1.10	$ 0.28	$ 0.07	$ 0.62	$ 0.18	$ 0.08		$ 2.34		$ 2.34
24	$ 0.90	$ 0.23	$ 0.06	$ 0.51	$ 0.15	$ 0.06		$ 1.90		$ 1.90
18	$ 0.71	$ 0.18	$ 0.04	$ 0.40	$ 0.12	$ 0.05		$ 1.51		$ 1.51
12	$ 0.57	$ 0.15	$ 0.03	$ 0.32	$ 0.09	$ 0.04		$ 1.20		$ 1.20

000028

Fiber - Buried

Size	FIXED COSTS						DENSITY 651-850		DENSITY 851-2550	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
288	$ 9.27	$ 0.09	$ 0.56	$ 6.31	$ -	$ 2.97		$ 19.19		$ 19.19
144	$ 4.64	$ 0.05	$ 0.28	$ 3.15	$ -	$ 1.48		$ 9.60		$ 9.60
96	$ 2.61	$ 0.03	$ 0.16	$ 1.77	$ -	$ 0.84		$ 5.40		$ 5.40
72	$ 2.02	$ 0.02	$ 0.12	$ 1.37	$ -	$ 0.65		$ 4.17		$ 4.17
60	$ 1.70	$ 0.02	$ 0.10	$ 1.16	$ -	$ 0.54		$ 3.52		$ 3.52
48	$ 1.43	$ 0.01	$ 0.09	$ 0.97	$ -	$ 0.46		$ 2.97		$ 2.97
36	$ 1.16	$ 0.01	$ 0.07	$ 0.79	$ -	$ 0.37		$ 2.39		$ 2.39
24	$ 0.94	$ 0.01	$ 0.06	$ 0.64	$ -	$ 0.30		$ 1.95		$ 1.95
18	$ 0.75	$ 0.01	$ 0.04	$ 0.51	$ -	$ 0.24		$ 1.55		$ 1.55
12	$ 0.59	$ 0.01	$ 0.04	$ 0.40	$ -	$ 0.19		$ 1.23		$ 1.23

Fiber - Aerial

Size	FIXED COSTS						DENSITY 651-850		DENSITY 851-2550	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
288	$ 13.10							$ 13.10		$ 13.10
144	$ 9.50							$ 9.50		$ 9.50
96	$ 7.10							$ 7.10		$ 7.10
72	$ 5.90							$ 5.90		$ 5.90
60	$ 5.30							$ 5.30		$ 5.30
48	$ 4.70							$ 4.70		$ 4.70
36	$ 4.10							$ 4.10		$ 4.10
24	$ 3.50							$ 3.50		$ 3.50
18	$ 3.20							$ 3.20		$ 3.20
12	$ 2.90							$ 2.90		$ 2.90

Loop Cost Inputs

Fiber Costs

Fiber - Underground

Size	FIXED COSTS						DENSITY 2551-5000		DENSITY 5001-10000	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
288	$ 8.85	$ 2.21	$ 0.53	$ 4.87	$ 1.42	$ 0.62		$ 18.49		$ 18.49
144	$ 4.42	$ 1.13	$ 0.27	$ 2.49	$ 0.72	$ 0.32		$ 9.36		$ 9.36
96	$ 2.49	$ 0.64	$ 0.15	$ 1.40	$ 0.41	$ 0.18		$ 5.27		$ 5.27
72	$ 1.92	$ 0.49	$ 0.12	$ 1.08	$ 0.32	$ 0.14		$ 4.07		$ 4.07
60	$ 1.62	$ 0.42	$ 0.10	$ 0.91	$ 0.27	$ 0.12		$ 3.43		$ 3.43
48	$ 1.37	$ 0.35	$ 0.08	$ 0.77	$ 0.22	$ 0.10		$ 2.89		$ 2.89
36	$ 1.10	$ 0.28	$ 0.07	$ 0.62	$ 0.18	$ 0.08		$ 2.34		$ 2.34
24	$ 0.90	$ 0.23	$ 0.06	$ 0.51	$ 0.15	$ 0.06		$ 1.90		$ 1.90
18	$ 0.71	$ 0.18	$ 0.04	$ 0.40	$ 0.12	$ 0.05		$ 1.51		$ 1.51
12	$ 0.57	$ 0.15	$ 0.03	$ 0.32	$ 0.09	$ 0.04		$ 1.20		$ 1.20

Fiber - Buried

Size	FIXED COSTS						DENSITY 2551-5000		DENSITY 5001-10000	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
288	$ 9.27	$ 0.09	$ 0.56	$ 6.31	$ -	$ 2.97		$ 19.19		$ 19.19
144	$ 4.64	$ 0.05	$ 0.28	$ 3.15	$ -	$ 1.48		$ 9.60		$ 9.60
96	$ 2.61	$ 0.03	$ 0.16	$ 1.77	$ -	$ 0.84		$ 5.40		$ 5.40
72	$ 2.02	$ 0.02	$ 0.12	$ 1.37	$ -	$ 0.65		$ 4.17		$ 4.17
60	$ 1.70	$ 0.02	$ 0.10	$ 1.16	$ -	$ 0.54		$ 3.52		$ 3.52
48	$ 1.43	$ 0.01	$ 0.09	$ 0.97	$ -	$ 0.46		$ 2.97		$ 2.97
36	$ 1.16	$ 0.01	$ 0.07	$ 0.79	$ -	$ 0.37		$ 2.39		$ 2.39
24	$ 0.94	$ 0.01	$ 0.06	$ 0.64	$ -	$ 0.30		$ 1.95		$ 1.95
18	$ 0.75	$ 0.01	$ 0.04	$ 0.51	$ -	$ 0.24		$ 1.55		$ 1.55
12	$ 0.59	$ 0.01	$ 0.04	$ 0.40	$ -	$ 0.19		$ 1.23		$ 1.23

Fiber - Aerial

Size	FIXED COSTS						DENSITY 2551-5000		DENSITY 5001-10000	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
288	$ 13.10							$ 13.10		$ 13.10
144	$ 9.50							$ 9.50		$ 9.50
96	$ 7.10							$ 7.10		$ 7.10
72	$ 5.90							$ 5.90		$ 5.90
60	$ 5.30							$ 5.30		$ 5.30
48	$ 4.70							$ 4.70		$ 4.70
36	$ 4.10							$ 4.10		$ 4.10
24	$ 3.50							$ 3.50		$ 3.50
18	$ 3.20							$ 3.20		$ 3.20
12	$ 2.90							$ 2.90		$ 2.90

020029

Loop Cost Inputs

Fiber Costs

Fiber - Underground

Size	FIXED COSTS						DENSITY >10001	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total
288	$ 8.85	$ 2.21	$ 0.53	$ 4.87	$ 1.42	$ 0.62		$ 18.49
144	$ 4.42	$ 1.13	$ 0.27	$ 2.49	$ 0.72	$ 0.32		$ 9.36
96	$ 2.49	$ 0.64	$ 0.15	$ 1.40	$ 0.41	$ 0.18		$ 5.27
72	$ 1.92	$ 0.49	$ 0.12	$ 1.08	$ 0.32	$ 0.14		$ 4.07
60	$ 1.62	$ 0.42	$ 0.10	$ 0.91	$ 0.27	$ 0.12		$ 3.43
48	$ 1.37	$ 0.35	$ 0.08	$ 0.77	$ 0.22	$ 0.10		$ 2.89
36	$ 1.10	$ 0.28	$ 0.07	$ 0.62	$ 0.18	$ 0.08		$ 2.34
24	$ 0.90	$ 0.23	$ 0.06	$ 0.51	$ 0.15	$ 0.06		$ 1.90
18	$ 0.71	$ 0.18	$ 0.04	$ 0.40	$ 0.12	$ 0.05		$ 1.51
12	$ 0.57	$ 0.15	$ 0.03	$ 0.32	$ 0.09	$ 0.04		$ 1.20

Fiber - Buried

Size	FIXED COSTS						DENSITY >10001	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total
288	$ 9.27	$ 0.09	$ 0.56	$ 6.31	$ -	$ 2.97		$ 19.19
144	$ 4.64	$ 0.05	$ 0.28	$ 3.15	$ -	$ 1.48		$ 9.60
96	$ 2.61	$ 0.03	$ 0.16	$ 1.77	$ -	$ 0.84		$ 5.40
72	$ 2.02	$ 0.02	$ 0.12	$ 1.37	$ -	$ 0.65		$ 4.17
60	$ 1.70	$ 0.02	$ 0.10	$ 1.16	$ -	$ 0.54		$ 3.52
48	$ 1.43	$ 0.01	$ 0.09	$ 0.97	$ -	$ 0.46		$ 2.97
36	$ 1.16	$ 0.01	$ 0.07	$ 0.79	$ -	$ 0.37		$ 2.39
24	$ 0.94	$ 0.01	$ 0.06	$ 0.64	$ -	$ 0.30		$ 1.95
18	$ 0.75	$ 0.01	$ 0.04	$ 0.51	$ -	$ 0.24		$ 1.55
12	$ 0.59	$ 0.01	$ 0.04	$ 0.40	$ -	$ 0.19		$ 1.23

Fiber - Aerial

Size	FIXED COSTS						DENSITY >10001	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total
288	$ 13.10							$ 13.10
144	$ 9.50							$ 9.50
96	$ 7.10							$ 7.10
72	$ 5.90							$ 5.90
60	$ 5.30							$ 5.30
48	$ 4.70							$ 4.70
36	$ 4.10							$ 4.10
24	$ 3.50							$ 3.50
18	$ 3.20							$ 3.20
12	$ 2.90							$ 2.90

000030

Loop Cost Inputs

Terminal Costs

Outdoor SA1/Cross Connector

Size	FIXED COSTS						DENSITY 0-5		DENSITY 6-100	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
25	$ 125.00							$ 125.00		$ 125.00
50	$ 250.00							$ 250.00		$ 250.00
100	$ 350.00							$ 350.00		$ 350.00
200	$ 600.00							$ 600.00		$ 600.00
300	$ 750.00							$ 750.00		$ 750.00
400	$ 1,000.00							$ 1,000.00		$ 1,000.00
600	$ 1,400.00							$ 1,400.00		$ 1,400.00
900	$ 1,900.00							$ 1,900.00		$ 1,900.00
1200	$ 2,400.00							$ 2,400.00		$ 2,400.00
1800	$ 3,400.00							$ 3,400.00		$ 3,400.00
2100	$ 3,762.50							$ 3,762.50		$ 3,762.50
2400	$ 4,300.00							$ 4,300.00		$ 4,300.00
3000	$ 5,000.00							$ 5,000.00		$ 5,000.00
3600	$ 6,000.00							$ 6,000.00		$ 6,000.00
4200	$ 7,000.00							$ 7,000.00		$ 7,000.00

Indoor SA1/Building (Includes cost of protection)

Size	FIXED COSTS						DENSITY 0-5		DENSITY 6-100	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
25	$ 49.00							$ 49.00		$ 49.00
50	$ 98.00							$ 98.00		$ 98.00
100	$ 148.00							$ 148.00		$ 148.00
200	$ 296.00							$ 296.00		$ 296.00
300	$ 444.00							$ 444.00		$ 444.00
400	$ 592.00							$ 592.00		$ 592.00
600	$ 888.00							$ 888.00		$ 888.00
900	$ 1,232.00							$ 1,232.00		$ 1,232.00
1200	$ 1,776.00							$ 1,776.00		$ 1,776.00
1800	$ 2,467.00							$ 2,467.00		$ 2,467.00
2100	$ 2,875.00							$ 2,875.00		$ 2,875.00
2400	$ 3,352.00							$ 3,352.00		$ 3,352.00
3000	$ 4,107.00							$ 4,107.00		$ 4,107.00
3600	$ 4,928.00							$ 4,928.00		$ 4,928.00
4200	$ 5,749.00							$ 5,749.00		$ 5,749.00

Loop Cost Inputs

Terminal Costs

Outdoor SA1/Cross Connector

Size	FIXED COSTS						DENSITY 101-200		DENSITY 201-650	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
25	$ 125.00							$ 125.00		$ 125.00
50	$ 250.00							$ 250.00		$ 250.00
100	$ 350.00							$ 350.00		$ 350.00
200	$ 600.00							$ 600.00		$ 600.00
300	$ 750.00							$ 750.00		$ 750.00
400	$ 1,000.00							$ 1,000.00		$ 1,000.00
600	$ 1,400.00							$ 1,400.00		$ 1,400.00
900	$ 1,900.00							$ 1,900.00		$ 1,900.00
1200	$ 2,400.00							$ 2,400.00		$ 2,400.00
1800	$ 3,400.00							$ 3,400.00		$ 3,400.00
2100	$ 3,762.50							$ 3,762.50		$ 3,762.50
2400	$ 4,300.00							$ 4,300.00		$ 4,300.00
3000	$ 5,000.00							$ 5,000.00		$ 5,000.00
3600	$ 6,000.00							$ 6,000.00		$ 6,000.00
4200	$ 7,000.00							$ 7,000.00		$ 7,000.00

Indoor SA1/Building (Includes cost of protection)

Size	FIXED COSTS						DENSITY 101-200		DENSITY 201-650	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
25	$ 49.00							$ 49.00		$ 49.00
50	$ 98.00							$ 98.00		$ 98.00
100	$ 148.00							$ 148.00		$ 148.00
200	$ 296.00							$ 296.00		$ 296.00
300	$ 444.00							$ 444.00		$ 444.00
400	$ 592.00							$ 592.00		$ 592.00
600	$ 888.00							$ 888.00		$ 888.00
900	$ 1,232.00							$ 1,232.00		$ 1,232.00
1200	$ 1,776.00							$ 1,776.00		$ 1,776.00
1800	$ 2,467.00							$ 2,467.00		$ 2,467.00
2100	$ 2,875.00							$ 2,875.00		$ 2,875.00
2400	$ 3,352.00							$ 3,352.00		$ 3,352.00
3000	$ 4,107.00							$ 4,107.00		$ 4,107.00
3600	$ 4,928.00							$ 4,928.00		$ 4,928.00
4200	$ 5,749.00							$ 5,749.00		$ 5,749.00

Loop Cost Inputs

Terminal Costs

Outdoor SA1/Cross Connector

Size	FIXED COSTS						DENSITY 651-850		ENSITY 851-2550	DE
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
25	$ 125.00							$ 125.00		$ 125.00
50	$ 250.00							$ 250.00		$ 250.00
100	$ 350.00							$ 350.00		$ 350.00
200	$ 600.00							$ 600.00		$ 600.00
300	$ 750.00							$ 750.00		$ 750.00
400	$ 1,000.00							$ 1,000.00		$ 1,000.00
600	$ 1,400.00							$ 1,400.00		$ 1,400.00
900	$ 1,900.00							$ 1,900.00		$ 1,900.00
1200	$ 2,400.00							$ 2,400.00		$ 2,400.00
1800	$ 3,400.00							$ 3,400.00		$ 3,400.00
2100	$ 3,762.50							$ 3,762.50		$ 3,762.50
2400	$ 4,300.00							$ 4,300.00		$ 4,300.00
3000	$ 5,000.00							$ 5,000.00		$ 5,000.00
3600	$ 6,000.00							$ 6,000.00		$ 6,000.00
4200	$ 7,000.00							$ 7,000.00		$ 7,000.00

Indoor SA1/Building (Includes cost of protection)

Size	FIXED COSTS						DENSITY 651-850		ENSITY 851-2550	DE
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
25	$ 49.00							$ 49.00		$ 49.00
50	$ 98.00							$ 98.00		$ 98.00
100	$ 148.00							$ 148.00		$ 148.00
200	$ 296.00							$ 296.00		$ 296.00
300	$ 444.00							$ 444.00		$ 444.00
400	$ 592.00							$ 592.00		$ 592.00
600	$ 888.00							$ 888.00		$ 888.00
900	$ 1,232.00							$ 1,232.00		$ 1,232.00
1200	$ 1,776.00							$ 1,776.00		$ 1,776.00
1800	$ 2,467.00							$ 2,467.00		$ 2,467.00
2100	$ 2,875.00							$ 2,875.00		$ 2,875.00
2400	$ 3,352.00							$ 3,352.00		$ 3,352.00
3000	$ 4,107.00							$ 4,107.00		$ 4,107.00
3600	$ 4,928.00							$ 4,928.00		$ 4,928.00
4200	$ 5,749.00							$ 5,749.00		$ 5,749.00

Loop Cost Inputs

Terminal Costs

Outdoor SA1/Cross Connector

Size	FIXED COSTS						DENSITY 2551-5000		DENSITY 5001-10000	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
25	$ 125.00							$ 125.00		$ 125.00
50	$ 250.00							$ 250.00		$ 250.00
100	$ 350.00							$ 350.00		$ 350.00
200	$ 600.00							$ 600.00		$ 600.00
300	$ 750.00							$ 750.00		$ 750.00
400	$ 1,000.00							$ 1,000.00		$ 1,000.00
600	$ 1,400.00							$ 1,400.00		$ 1,400.00
900	$ 1,900.00							$ 1,900.00		$ 1,900.00
1200	$ 2,400.00							$ 2,400.00		$ 2,400.00
1800	$ 3,400.00							$ 3,400.00		$ 3,400.00
2100	$ 3,762.50							$ 3,762.50		$ 3,762.50
2400	$ 4,300.00							$ 4,300.00		$ 4,300.00
3000	$ 5,000.00							$ 5,000.00		$ 5,000.00
3600	$ 6,000.00							$ 6,000.00		$ 6,000.00
4200	$ 7,000.00							$ 7,000.00		$ 7,000.00

Indoor SA1/Building (Includes cost of protection)

Size	FIXED COSTS						DENSITY 2551-5000		DENSITY 5001-10000	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
25	$ 49.00							$ 49.00		$ 49.00
50	$ 98.00							$ 98.00		$ 98.00
100	$ 148.00							$ 148.00		$ 148.00
200	$ 296.00							$ 296.00		$ 296.00
300	$ 444.00							$ 444.00		$ 444.00
400	$ 592.00							$ 592.00		$ 592.00
600	$ 888.00							$ 888.00		$ 888.00
900	$ 1,232.00							$ 1,232.00		$ 1,232.00
1200	$ 1,776.00							$ 1,776.00		$ 1,776.00
1800	$ 2,467.00							$ 2,467.00		$ 2,467.00
2100	$ 2,875.00							$ 2,875.00		$ 2,875.00
2400	$ 3,352.00							$ 3,352.00		$ 3,352.00
3000	$ 4,107.00							$ 4,107.00		$ 4,107.00
3600	$ 4,928.00							$ 4,928.00		$ 4,928.00
4200	$ 5,749.00							$ 5,749.00		$ 5,749.00

Loop Cost Inputs

Terminal Costs

Outdoor SA1/Cross Connector

Size	FIXED COSTS						DENSITY >10001	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total
25	$ 125.00							$ 125.00
50	$ 250.00							$ 250.00
100	$ 350.00							$ 350.00
200	$ 600.00							$ 600.00
300	$ 750.00							$ 750.00
400	$ 1,000.00							$ 1,000.00
600	$ 1,400.00							$ 1,400.00
900	$ 1,900.00							$ 1,900.00
1200	$ 2,400.00							$ 2,400.00
1800	$ 3,400.00							$ 3,400.00
2100	$ 3,762.50							$ 3,762.50
2400	$ 4,300.00							$ 4,300.00
3000	$ 5,000.00							$ 5,000.00
3600	$ 6,000.00							$ 6,000.00
4200	$ 7,000.00							$ 7,000.00

Indoor SA1/Building (Includes cost of protection)

Size	FIXED COSTS						DENSITY >10001	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total
25	$ 49.00							$ 49.00
50	$ 98.00							$ 98.00
100	$ 148.00							$ 148.00
200	$ 296.00							$ 296.00
300	$ 444.00							$ 444.00
400	$ 592.00							$ 592.00
600	$ 888.00							$ 888.00
900	$ 1,232.00							$ 1,232.00
1200	$ 1,776.00							$ 1,776.00
1800	$ 2,467.00							$ 2,467.00
2100	$ 2,875.00							$ 2,875.00
2400	$ 3,352.00							$ 3,352.00
3000	$ 4,107.00							$ 4,107.00
3600	$ 4,928.00							$ 4,928.00
4200	$ 5,749.00							$ 5,749.00

000035

Loop Cost Inputs

Aerial Drop Terminal Cost

Size	FIXED COSTS						DENSITY 0-5		DENSITY 6-100	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
6	$ -							$ -		$ -
12	$ -							$ -		$ -
25	$ -							$ -		$ -

Buried Drop Terminal Cost (Encapsulated or Pedestal)

Size	FIXED COSTS						DENSITY 0-5		DENSITY 6-100	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
6	$ -							$ -		$ -
12	$ -							$ -		$ -
25	$ -							$ -		$ -

000036

Loop Cost Inputs

Aerial Drop Terminal Cost

Size	FIXED COSTS						DENSITY 101-200		DENSITY 201-650	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
6	$ -							$ -		$ -
12	$ -							$ -		$ -
25	$ -							$ -		$ -

Buried Drop Terminal Cost (Encapsulated or Pedestal)

Size	FIXED COSTS						DENSITY 101-200		DENSITY 201-650	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
6	$ -							$ -		$ -
12	$ -							$ -		$ -
25	$ -							$ -		$ -

000037

Loop Cost Inputs

Aerial Drop Terminal Cost

Size	FIXED COSTS						DENSITY 651-850		ENSITY 851-2550	DE
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
6	$ -							$ -		$ -
12	$ -							$ -		$ -
25	$ -							$ -		$ -

Buried Drop Terminal Cost (Encapsulated or Pedestal)

Size	FIXED COSTS						DENSITY 651-850		ENSITY 851-2550	DE
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
6	$ -							$ -		$ -
12	$ -							$ -		$ -
25	$ -							$ -		$ -

000038

Loop Cost Inputs

Aerial Drop Terminal Cost

Size	FIXED COSTS						ENSITY 2551-5000		DENSITY 5001-10000	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
6	$ -							$ -		$ -
12	$ -							$ -		$ -
25	$ -							$ -		$ -

Buried Drop Terminal Cost (Encapsulated or Pedestal)

Size	FIXED COSTS						ENSITY 2551-5000		DENSITY 5001-10000	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
6	$ -							$ -		$ -
12	$ -							$ -		$ -
25	$ -							$ -		$ -

Loop Cost Inputs

Aerial Drop Terminal Cost

Size	FIXED COSTS						DENSITY >10001	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total
6	$ -							$ -
12	$ -							$ -
25	$ -							$ -

Buried Drop Terminal Cost (Encapsulated or Pedestal)

Size	FIXED COSTS						DENSITY >10001	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total
6	$ -							$ -
12	$ -							$ -
25	$ -							$ -

Loop Cost Inputs

Cable Costs

24 Gauge Cable - Underground Copper

Size	FIXED COSTS						DENSITY 0-5		DENSITY 6-100	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
4200	$ 19.67	$ 19.67	$ 1.18	$ 29.50	$ 3.15	$ 3.34		$ 76.51		$ 76.51
3600	$ 16.86	$ 16.86	$ 1.01	$ 25.29	$ 2.70	$ 2.87		$ 65.58		$ 65.58
3000	$ 14.05	$ 14.05	$ 0.84	$ 21.07	$ 2.25	$ 2.39		$ 54.65		$ 54.65
2400	$ 13.81	$ 13.81	$ 0.83	$ 20.72	$ 2.21	$ 2.35		$ 53.72		$ 53.72
2100	$ 13.23	$ 13.23	$ 0.79	$ 19.85	$ 2.12	$ 2.25		$ 51.47		$ 51.47
1800	$ 10.73	$ 10.73	$ 0.64	$ 16.10	$ 1.72	$ 1.82		$ 41.74		$ 41.74
1200	$ 7.16	$ 7.16	$ 0.43	$ 10.75	$ 1.15	$ 1.22		$ 27.87		$ 27.87
900	$ 5.77	$ 5.77	$ 0.35	$ 8.65	$ 0.92	$ 0.98		$ 22.44		$ 22.44
600	$ 4.22	$ 4.22	$ 0.25	$ 6.34	$ 0.68	$ 0.72		$ 16.43		$ 16.43
400	$ 2.57	$ 2.57	$ 0.15	$ 3.86	$ 0.41	$ 0.44		$ 10.00		$ 10.00
300	$ 2.05	$ 2.05	$ 0.12	$ 3.08	$ 0.33	$ 0.35		$ 7.98		$ 7.98
200	$ 1.37	$ 1.37	$ 0.08	$ 2.05	$ 0.22	$ 0.23		$ 5.32		$ 5.32
100	$ 0.68	$ 0.68	$ 0.04	$ 1.03	$ 0.11	$ 0.12		$ 2.66		$ 2.66
50	$ 0.34	$ 0.34	$ 0.02	$ 0.51	$ 0.05	$ 0.06		$ 1.33		$ 1.33
25	$ 0.17	$ 0.17	$ 0.01	$ 0.26	$ 0.03	$ 0.03		$ 0.67		$ 0.67
18	$ 0.17	$ 0.17	$ 0.01	$ 0.26	$ 0.03	$ 0.03		$ 0.67		$ 0.67
12	$ 0.17	$ 0.17	$ 0.01	$ 0.26	$ 0.03	$ 0.03		$ 0.67		$ 0.67

24 Gauge Cable - Dual Sheath "Filled" Buried Copper

Size	FIXED COSTS						DENSITY 0-5		DENSITY 6-100	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
4200	$ 28.75	$ 4.60	$ 1.73	$ 32.49	$ -	$ 17.54		$ 85.11		$ 85.11
3600	$ 24.64	$ 3.94	$ 1.48	$ 27.85	$ -	$ 15.03		$ 72.95		$ 72.95
3000	$ 20.54	$ 3.29	$ 1.23	$ 23.21	$ -	$ 12.53		$ 60.79		$ 60.79
2400	$ 16.43	$ 2.63	$ 0.99	$ 18.57	$ -	$ 10.02		$ 48.63		$ 48.63
2100	$ 14.38	$ 2.30	$ 0.86	$ 16.25	$ -	$ 8.77		$ 42.55		$ 42.55
1800	$ 12.32	$ 1.97	$ 0.74	$ 13.92	$ -	$ 7.52		$ 36.47		$ 36.47
1200	$ 8.21	$ 1.31	$ 0.49	$ 9.28	$ -	$ 5.01		$ 24.31		$ 24.31
900	$ 6.17	$ 0.99	$ 0.37	$ 6.97	$ -	$ 3.76		$ 18.27		$ 18.27
600	$ 4.14	$ 0.66	$ 0.25	$ 4.68	$ -	$ 2.53		$ 12.26		$ 12.26
400	$ 2.84	$ 0.46	$ 0.17	$ 3.21	$ -	$ 1.73		$ 8.42		$ 8.42
300	$ 1.93	$ 0.31	$ 0.12	$ 2.18	$ -	$ 1.18		$ 5.70		$ 5.70
200	$ 1.47	$ 0.24	$ 0.09	$ 1.66	$ -	$ 0.90		$ 4.36		$ 4.36
100	$ 0.77	$ 0.12	$ 0.05	$ 0.87	$ -	$ 0.47		$ 2.29		$ 2.29
50	$ 0.42	$ 0.07	$ 0.03	$ 0.48	$ -	$ 0.26		$ 1.25		$ 1.25
25	$ 0.30	$ 0.05	$ 0.02	$ 0.34	$ -	$ 0.18		$ 0.88		$ 0.88
18	$ 0.30	$ 0.05	$ 0.02	$ 0.34	$ -	$ 0.18		$ 0.88		$ 0.88
12	$ 0.30	$ 0.05	$ 0.02	$ 0.34	$ -	$ 0.18		$ 0.88		$ 0.88

Loop Cost Inputs

Cable Costs

24 Gauge Cable - Underground Copper

Size	FIXED COSTS						DENSITY 101-200		DENSITY 201-650	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
4200	$ 19.67	$ 19.67	$ 1.18	$ 29.50	$ 3.15	$ 3.34		$ 76.51		$ 76.51
3600	$ 16.86	$ 16.86	$ 1.01	$ 25.29	$ 2.70	$ 2.87		$ 65.58		$ 65.58
3000	$ 14.05	$ 14.05	$ 0.84	$ 21.07	$ 2.25	$ 2.39		$ 54.65		$ 54.65
2400	$ 13.81	$ 13.81	$ 0.83	$ 20.72	$ 2.21	$ 2.35		$ 53.72		$ 53.72
2100	$ 13.23	$ 13.23	$ 0.79	$ 19.85	$ 2.12	$ 2.25		$ 51.47		$ 51.47
1800	$ 10.73	$ 10.73	$ 0.64	$ 16.10	$ 1.72	$ 1.82		$ 41.74		$ 41.74
1200	$ 7.16	$ 7.16	$ 0.43	$ 10.75	$ 1.15	$ 1.22		$ 27.87		$ 27.87
900	$ 5.77	$ 5.77	$ 0.35	$ 8.65	$ 0.92	$ 0.98		$ 22.44		$ 22.44
600	$ 4.22	$ 4.22	$ 0.25	$ 6.34	$ 0.68	$ 0.72		$ 16.43		$ 16.43
400	$ 2.57	$ 2.57	$ 0.15	$ 3.86	$ 0.41	$ 0.44		$ 10.00		$ 10.00
300	$ 2.05	$ 2.05	$ 0.12	$ 3.08	$ 0.33	$ 0.35		$ 7.98		$ 7.98
200	$ 1.37	$ 1.37	$ 0.08	$ 2.05	$ 0.22	$ 0.23		$ 5.32		$ 5.32
100	$ 0.68	$ 0.68	$ 0.04	$ 1.03	$ 0.11	$ 0.12		$ 2.66		$ 2.66
50	$ 0.34	$ 0.34	$ 0.02	$ 0.51	$ 0.05	$ 0.06		$ 1.33		$ 1.33
25	$ 0.17	$ 0.17	$ 0.01	$ 0.26	$ 0.03	$ 0.03		$ 0.67		$ 0.67
18	$ 0.17	$ 0.17	$ 0.01	$ 0.26	$ 0.03	$ 0.03		$ 0.67		$ 0.67
12	$ 0.17	$ 0.17	$ 0.01	$ 0.26	$ 0.03	$ 0.03		$ 0.67		$ 0.67

24 Gauge Cable - Dual Sheath "Filled" Buried Copper

Size	FIXED COSTS						DENSITY 101-200		DENSITY 201-650	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
4200	$ 28.75	$ 4.60	$ 1.73	$ 32.49	$ -	$ 17.54		$ 85.11		$ 85.11
3600	$ 24.64	$ 3.94	$ 1.48	$ 27.85	$ -	$ 15.03		$ 72.95		$ 72.95
3000	$ 20.54	$ 3.29	$ 1.23	$ 23.21	$ -	$ 12.53		$ 60.79		$ 60.79
2400	$ 16.43	$ 2.63	$ 0.99	$ 18.57	$ -	$ 10.02		$ 48.63		$ 48.63
2100	$ 14.38	$ 2.30	$ 0.86	$ 16.25	$ -	$ 8.77		$ 42.55		$ 42.55
1800	$ 12.32	$ 1.97	$ 0.74	$ 13.92	$ -	$ 7.52		$ 36.47		$ 36.47
1200	$ 8.21	$ 1.31	$ 0.49	$ 9.28	$ -	$ 5.01		$ 24.31		$ 24.31
900	$ 6.17	$ 0.99	$ 0.37	$ 6.97	$ -	$ 3.76		$ 18.27		$ 18.27
600	$ 4.14	$ 0.66	$ 0.25	$ 4.68	$ -	$ 2.53		$ 12.26		$ 12.26
400	$ 2.84	$ 0.46	$ 0.17	$ 3.21	$ -	$ 1.73		$ 8.42		$ 8.42
300	$ 1.93	$ 0.31	$ 0.12	$ 2.18	$ -	$ 1.18		$ 5.70		$ 5.70
200	$ 1.47	$ 0.24	$ 0.09	$ 1.66	$ -	$ 0.90		$ 4.36		$ 4.36
100	$ 0.77	$ 0.12	$ 0.05	$ 0.87	$ -	$ 0.47		$ 2.29		$ 2.29
50	$ 0.42	$ 0.07	$ 0.03	$ 0.48	$ -	$ 0.26		$ 1.25		$ 1.25
25	$ 0.30	$ 0.05	$ 0.02	$ 0.34	$ -	$ 0.18		$ 0.88		$ 0.88
18	$ 0.30	$ 0.05	$ 0.02	$ 0.34	$ -	$ 0.18		$ 0.88		$ 0.88
12	$ 0.30	$ 0.05	$ 0.02	$ 0.34	$ -	$ 0.18		$ 0.88		$ 0.88

Loop Cost Inputs

Cable Costs

24 Gauge Cable - Underground Copper

Size	FIXED COSTS						DENSITY 651-850		DENSITY 851-2550	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
4200	$ 19.67	$ 19.67	$ 1.18	$ 29.50	$ 3.15	$ 3.34		$ 76.51		$ 76.51
3600	$ 16.86	$ 16.86	$ 1.01	$ 25.29	$ 2.70	$ 2.87		$ 65.58		$ 65.58
3000	$ 14.05	$ 14.05	$ 0.84	$ 21.07	$ 2.25	$ 2.39		$ 54.65		$ 54.65
2400	$ 13.81	$ 13.81	$ 0.83	$ 20.72	$ 2.21	$ 2.35		$ 53.72		$ 53.72
2100	$ 13.23	$ 13.23	$ 0.79	$ 19.85	$ 2.12	$ 2.25		$ 51.47		$ 51.47
1800	$ 10.73	$ 10.73	$ 0.64	$ 16.10	$ 1.72	$ 1.82		$ 41.74		$ 41.74
1200	$ 7.16	$ 7.16	$ 0.43	$ 10.75	$ 1.15	$ 1.22		$ 27.87		$ 27.87
900	$ 5.77	$ 5.77	$ 0.35	$ 8.65	$ 0.92	$ 0.98		$ 22.44		$ 22.44
600	$ 4.22	$ 4.22	$ 0.25	$ 6.34	$ 0.68	$ 0.72		$ 16.43		$ 16.43
400	$ 2.57	$ 2.57	$ 0.15	$ 3.86	$ 0.41	$ 0.44		$ 10.00		$ 10.00
300	$ 2.05	$ 2.05	$ 0.12	$ 3.08	$ 0.33	$ 0.35		$ 7.98		$ 7.98
200	$ 1.37	$ 1.37	$ 0.08	$ 2.05	$ 0.22	$ 0.23		$ 5.32		$ 5.32
100	$ 0.68	$ 0.68	$ 0.04	$ 1.03	$ 0.11	$ 0.12		$ 2.66		$ 2.66
50	$ 0.34	$ 0.34	$ 0.02	$ 0.51	$ 0.05	$ 0.06		$ 1.33		$ 1.33
25	$ 0.17	$ 0.17	$ 0.01	$ 0.26	$ 0.03	$ 0.03		$ 0.67		$ 0.67
18	$ 0.17	$ 0.17	$ 0.01	$ 0.26	$ 0.03	$ 0.03		$ 0.67		$ 0.67
12	$ 0.17	$ 0.17	$ 0.01	$ 0.26	$ 0.03	$ 0.03		$ 0.67		$ 0.67

24 Gauge Cable - Dual Sheath "Filled" Buried Copper

Size	FIXED COSTS						DENSITY 651-850		DENSITY 851-2550	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
4200	$ 28.75	$ 4.60	$ 1.73	$ 32.49	$ -	$ 17.54		$ 85.11		$ 85.11
3600	$ 24.64	$ 3.94	$ 1.48	$ 27.85	$ -	$ 15.03		$ 72.95		$ 72.95
3000	$ 20.54	$ 3.29	$ 1.23	$ 23.21	$ -	$ 12.53		$ 60.79		$ 60.79
2400	$ 16.43	$ 2.63	$ 0.99	$ 18.57	$ -	$ 10.02		$ 48.63		$ 48.63
2100	$ 14.38	$ 2.30	$ 0.86	$ 16.25	$ -	$ 8.77		$ 42.55		$ 42.55
1800	$ 12.32	$ 1.97	$ 0.74	$ 13.92	$ -	$ 7.52		$ 36.47		$ 36.47
1200	$ 8.21	$ 1.31	$ 0.49	$ 9.28	$ -	$ 5.01		$ 24.31		$ 24.31
900	$ 6.17	$ 0.99	$ 0.37	$ 6.97	$ -	$ 3.76		$ 18.27		$ 18.27
600	$ 4.14	$ 0.66	$ 0.25	$ 4.68	$ -	$ 2.53		$ 12.26		$ 12.26
400	$ 2.84	$ 0.46	$ 0.17	$ 3.21	$ -	$ 1.73		$ 8.42		$ 8.42
300	$ 1.93	$ 0.31	$ 0.12	$ 2.18	$ -	$ 1.18		$ 5.70		$ 5.70
200	$ 1.47	$ 0.24	$ 0.09	$ 1.66	$ -	$ 0.90		$ 4.36		$ 4.36
100	$ 0.77	$ 0.12	$ 0.05	$ 0.87	$ -	$ 0.47		$ 2.29		$ 2.29
50	$ 0.42	$ 0.07	$ 0.03	$ 0.48	$ -	$ 0.26		$ 1.25		$ 1.25
25	$ 0.30	$ 0.05	$ 0.02	$ 0.34	$ -	$ 0.18		$ 0.88		$ 0.88
18	$ 0.30	$ 0.05	$ 0.02	$ 0.34	$ -	$ 0.18		$ 0.88		$ 0.88
12	$ 0.30	$ 0.05	$ 0.02	$ 0.34	$ -	$ 0.18		$ 0.88		$ 0.88

Loop Cost Inputs

Cable Costs

24 Gauge Cable - Underground Copper

Size	FIXED COSTS						DENSITY 2551-5000		DENSITY 5001-10000	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
4200	$ 19.67	$ 19.67	$ 1.18	$ 29.50	$ 3.15	$ 3.34		$ 76.51		$ 76.51
3600	$ 16.86	$ 16.86	$ 1.01	$ 25.29	$ 2.70	$ 2.87		$ 65.58		$ 65.58
3000	$ 14.05	$ 14.05	$ 0.84	$ 21.07	$ 2.25	$ 2.39		$ 54.65		$ 54.65
2400	$ 13.81	$ 13.81	$ 0.83	$ 20.72	$ 2.21	$ 2.35		$ 53.72		$ 53.72
2100	$ 13.23	$ 13.23	$ 0.79	$ 19.85	$ 2.12	$ 2.25		$ 51.47		$ 51.47
1800	$ 10.73	$ 10.73	$ 0.64	$ 16.10	$ 1.72	$ 1.82		$ 41.74		$ 41.74
1200	$ 7.16	$ 7.16	$ 0.43	$ 10.75	$ 1.15	$ 1.22		$ 27.87		$ 27.87
900	$ 5.77	$ 5.77	$ 0.35	$ 8.65	$ 0.92	$ 0.98		$ 22.44		$ 22.44
600	$ 4.22	$ 4.22	$ 0.25	$ 6.34	$ 0.68	$ 0.72		$ 16.43		$ 16.43
400	$ 2.57	$ 2.57	$ 0.15	$ 3.86	$ 0.41	$ 0.44		$ 10.00		$ 10.00
300	$ 2.05	$ 2.05	$ 0.12	$ 3.08	$ 0.33	$ 0.35		$ 7.98		$ 7.98
200	$ 1.37	$ 1.37	$ 0.08	$ 2.05	$ 0.22	$ 0.23		$ 5.32		$ 5.32
100	$ 0.68	$ 0.68	$ 0.04	$ 1.03	$ 0.11	$ 0.12		$ 2.66		$ 2.66
50	$ 0.34	$ 0.34	$ 0.02	$ 0.51	$ 0.05	$ 0.06		$ 1.33		$ 1.33
25	$ 0.17	$ 0.17	$ 0.01	$ 0.26	$ 0.03	$ 0.03		$ 0.67		$ 0.67
18	$ 0.17	$ 0.17	$ 0.01	$ 0.26	$ 0.03	$ 0.03		$ 0.67		$ 0.67
12	$ 0.17	$ 0.17	$ 0.01	$ 0.26	$ 0.03	$ 0.03		$ 0.67		$ 0.67

24 Gauge Cable - Dual Sheath "Filled" Buried Copper

Size	FIXED COSTS						DENSITY 2551-5000		DENSITY 5001-10000	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
4200	$ 28.75	$ 4.60	$ 1.73	$ 32.49	$ -	$ 17.54		$ 85.11		$ 85.11
3600	$ 24.64	$ 3.94	$ 1.48	$ 27.85	$ -	$ 15.03		$ 72.95		$ 72.95
3000	$ 20.54	$ 3.29	$ 1.23	$ 23.21	$ -	$ 12.53		$ 60.79		$ 60.79
2400	$ 16.43	$ 2.63	$ 0.99	$ 18.57	$ -	$ 10.02		$ 48.63		$ 48.63
2100	$ 14.38	$ 2.30	$ 0.86	$ 16.25	$ -	$ 8.77		$ 42.55		$ 42.55
1800	$ 12.32	$ 1.97	$ 0.74	$ 13.92	$ -	$ 7.52		$ 36.47		$ 36.47
1200	$ 8.21	$ 1.31	$ 0.49	$ 9.28	$ -	$ 5.01		$ 24.31		$ 24.31
900	$ 6.17	$ 0.99	$ 0.37	$ 6.97	$ -	$ 3.76		$ 18.27		$ 18.27
600	$ 4.14	$ 0.66	$ 0.25	$ 4.68	$ -	$ 2.53		$ 12.26		$ 12.26
400	$ 2.84	$ 0.46	$ 0.17	$ 3.21	$ -	$ 1.73		$ 8.42		$ 8.42
300	$ 1.93	$ 0.31	$ 0.12	$ 2.18	$ -	$ 1.18		$ 5.70		$ 5.70
200	$ 1.47	$ 0.24	$ 0.09	$ 1.66	$ -	$ 0.90		$ 4.36		$ 4.36
100	$ 0.77	$ 0.12	$ 0.05	$ 0.87	$ -	$ 0.47		$ 2.29		$ 2.29
50	$ 0.42	$ 0.07	$ 0.03	$ 0.48	$ -	$ 0.26		$ 1.25		$ 1.25
25	$ 0.30	$ 0.05	$ 0.02	$ 0.34	$ -	$ 0.18		$ 0.88		$ 0.88
18	$ 0.30	$ 0.05	$ 0.02	$ 0.34	$ -	$ 0.18		$ 0.88		$ 0.88
12	$ 0.30	$ 0.05	$ 0.02	$ 0.34	$ -	$ 0.18		$ 0.88		$ 0.88

Loop Cost Inputs

Cable Costs

24 Gauge Cable - Underground Copper

Size	FIXED COSTS						DENSITY >10001	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total
4200	$ 19.67	$ 19.67	$ 1.18	$ 29.50	$ 3.15	$ 3.34		$ 76.51
3600	$ 16.86	$ 16.86	$ 1.01	$ 25.29	$ 2.70	$ 2.87		$ 65.58
3000	$ 14.05	$ 14.05	$ 0.84	$ 21.07	$ 2.25	$ 2.39		$ 54.65
2400	$ 13.81	$ 13.81	$ 0.83	$ 20.72	$ 2.21	$ 2.35		$ 53.72
2100	$ 13.23	$ 13.23	$ 0.79	$ 19.85	$ 2.12	$ 2.25		$ 51.47
1800	$ 10.73	$ 10.73	$ 0.64	$ 16.10	$ 1.72	$ 1.82		$ 41.74
1200	$ 7.16	$ 7.16	$ 0.43	$ 10.75	$ 1.15	$ 1.22		$ 27.87
900	$ 5.77	$ 5.77	$ 0.35	$ 8.65	$ 0.92	$ 0.98		$ 22.44
600	$ 4.22	$ 4.22	$ 0.25	$ 6.34	$ 0.68	$ 0.72		$ 16.43
400	$ 2.57	$ 2.57	$ 0.15	$ 3.86	$ 0.41	$ 0.44		$ 10.00
300	$ 2.05	$ 2.05	$ 0.12	$ 3.08	$ 0.33	$ 0.35		$ 7.98
200	$ 1.37	$ 1.37	$ 0.08	$ 2.05	$ 0.22	$ 0.23		$ 5.32
100	$ 0.68	$ 0.68	$ 0.04	$ 1.03	$ 0.11	$ 0.12		$ 2.66
50	$ 0.34	$ 0.34	$ 0.02	$ 0.51	$ 0.05	$ 0.06		$ 1.33
25	$ 0.17	$ 0.17	$ 0.01	$ 0.26	$ 0.03	$ 0.03		$ 0.67
18	$ 0.17	$ 0.17	$ 0.01	$ 0.26	$ 0.03	$ 0.03		$ 0.67
12	$ 0.17	$ 0.17	$ 0.01	$ 0.26	$ 0.03	$ 0.03		$ 0.67

24 Gauge Cable - Dual Sheath "Filled" Buried Copper

Size	FIXED COSTS						DENSITY >10001	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total
4200	$ 28.75	$ 4.60	$ 1.73	$ 32.49	$ -	$ 17.54		$ 85.11
3600	$ 24.64	$ 3.94	$ 1.48	$ 27.85	$ -	$ 15.03		$ 72.95
3000	$ 20.54	$ 3.29	$ 1.23	$ 23.21	$ -	$ 12.53		$ 60.79
2400	$ 16.43	$ 2.63	$ 0.99	$ 18.57	$ -	$ 10.02		$ 48.63
2100	$ 14.38	$ 2.30	$ 0.86	$ 16.25	$ -	$ 8.77		$ 42.55
1800	$ 12.32	$ 1.97	$ 0.74	$ 13.92	$ -	$ 7.52		$ 36.47
1200	$ 8.21	$ 1.31	$ 0.49	$ 9.28	$ -	$ 5.01		$ 24.31
900	$ 6.17	$ 0.99	$ 0.37	$ 6.97	$ -	$ 3.76		$ 18.27
600	$ 4.14	$ 0.66	$ 0.25	$ 4.68	$ -	$ 2.53		$ 12.26
400	$ 2.84	$ 0.46	$ 0.17	$ 3.21	$ -	$ 1.73		$ 8.42
300	$ 1.93	$ 0.31	$ 0.12	$ 2.18	$ -	$ 1.18		$ 5.70
200	$ 1.47	$ 0.24	$ 0.09	$ 1.66	$ -	$ 0.90		$ 4.36
100	$ 0.77	$ 0.12	$ 0.05	$ 0.87	$ -	$ 0.47		$ 2.29
50	$ 0.42	$ 0.07	$ 0.03	$ 0.48	$ -	$ 0.26		$ 1.25
25	$ 0.30	$ 0.05	$ 0.02	$ 0.34	$ -	$ 0.18		$ 0.88
18	$ 0.30	$ 0.05	$ 0.02	$ 0.34	$ -	$ 0.18		$ 0.88
12	$ 0.30	$ 0.05	$ 0.02	$ 0.34	$ -	$ 0.18		$ 0.88

Loop Cost Inputs

24 Gauge Cable - Aerial

Size	FIXED COSTS						DENSITY 0-5		DENSITY 6-100	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
4200	$ 29.00							$ 29.00		$ 29.00
3600	$ 26.00							$ 26.00		$ 26.00
3000	$ 21.67							$ 21.67		$ 21.67
2400	$ 20.00							$ 20.00		$ 20.00
2100	$ 17.50							$ 17.50		$ 17.50
1800	$ 16.00							$ 16.00		$ 16.00
1200	$ 12.00							$ 12.00		$ 12.00
900	$ 10.00							$ 10.00		$ 10.00
600	$ 7.75							$ 7.75		$ 7.75
400	$ 6.00							$ 6.00		$ 6.00
300	$ 5.13							$ 5.13		$ 5.13
200	$ 4.25							$ 4.25		$ 4.25
100	$ 2.50							$ 2.50		$ 2.50
50	$ 1.25							$ 1.25		$ 1.25
25	$ 0.75							$ 0.75		$ 0.75
18	$ 0.75							$ 0.75		$ 0.75
12	$ 0.75							$ 0.75		$ 0.75

26 Gauge Cable - Underground Copper

Size	FIXED COSTS						DENSITY 0-5		DENSITY 6-100	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
4200	$ 21.81	$ 21.81	$ 1.31	$ 44.27	$ 3.49	$ 3.71		$ 96.39		$ 96.39
3600	$ 18.69	$ 18.69	$ 1.12	$ 37.95	$ 2.99	$ 3.18		$ 82.62		$ 82.62
3000	$ 15.65	$ 15.65	$ 0.94	$ 31.78	$ 2.50	$ 2.66		$ 69.19		$ 69.19
2400	$ 9.88	$ 9.88	$ 0.59	$ 20.07	$ 1.58	$ 1.68		$ 43.69		$ 43.69
2100	$ 8.57	$ 8.57	$ 0.51	$ 17.40	$ 1.37	$ 1.46		$ 37.88		$ 37.88
1800	$ 7.35	$ 7.35	$ 0.44	$ 14.93	$ 1.18	$ 1.25		$ 32.50		$ 32.50
1200	$ 5.08	$ 5.08	$ 0.30	$ 10.32	$ 0.81	$ 0.86		$ 22.46		$ 22.46
900	$ 3.93	$ 3.93	$ 0.24	$ 7.97	$ 0.63	$ 0.67		$ 17.35		$ 17.35
600	$ 3.16	$ 3.16	$ 0.19	$ 6.41	$ 0.51	$ 0.54		$ 13.96		$ 13.96
400	$ 2.57	$ 2.57	$ 0.15	$ 5.22	$ 0.41	$ 0.44		$ 11.36		$ 11.36
300	$ 2.05	$ 2.05	$ 0.12	$ 4.17	$ 0.33	$ 0.35		$ 9.07		$ 9.07
200	$ 1.37	$ 1.37	$ 0.08	$ 2.78	$ 0.22	$ 0.23		$ 6.05		$ 6.05
100	$ 0.68	$ 0.68	$ 0.04	$ 1.39	$ 0.11	$ 0.12		$ 3.02		$ 3.02
50	$ 0.34	$ 0.34	$ 0.02	$ 0.69	$ 0.05	$ 0.06		$ 1.51		$ 1.51
25	$ 0.17	$ 0.17	$ 0.01	$ 0.35	$ 0.03	$ 0.03		$ 0.76		$ 0.76
18	$ 0.17	$ 0.17	$ 0.01	$ 0.35	$ 0.03	$ 0.03		$ 0.76		$ 0.76
12	$ 0.17	$ 0.17	$ 0.01	$ 0.35	$ 0.03	$ 0.03		$ 0.76		$ 0.76

Loop Cost Inputs

24 Gauge Cable - Aerial

Size	FIXED COSTS						DENSITY 101-200		DENSITY 201-650	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
4200	$ 29.00							$ 29.00		$ 29.00
3600	$ 26.00							$ 26.00		$ 26.00
3000	$ 21.67							$ 21.67		$ 21.67
2400	$ 20.00							$ 20.00		$ 20.00
2100	$ 17.50							$ 17.50		$ 17.50
1800	$ 16.00							$ 16.00		$ 16.00
1200	$ 12.00							$ 12.00		$ 12.00
900	$ 10.00							$ 10.00		$ 10.00
600	$ 7.75							$ 7.75		$ 7.75
400	$ 6.00							$ 6.00		$ 6.00
300	$ 5.13							$ 5.13		$ 5.13
200	$ 4.25							$ 4.25		$ 4.25
100	$ 2.50							$ 2.50		$ 2.50
50	$ 1.25							$ 1.25		$ 1.25
25	$ 0.75							$ 0.75		$ 0.75
18	$ 0.75							$ 0.75		$ 0.75
12	$ 0.75							$ 0.75		$ 0.75

26 Gauge Cable - Underground Copper

Size	FIXED COSTS						DENSITY 101-200		DENSITY 201-650	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
4200	$ 21.81	$ 21.81	$ 1.31	$ 44.27	$ 3.49	$ 3.71		$ 96.39		$ 96.39
3600	$ 18.69	$ 18.69	$ 1.12	$ 37.95	$ 2.99	$ 3.18		$ 82.62		$ 82.62
3000	$ 15.65	$ 15.65	$ 0.94	$ 31.78	$ 2.50	$ 2.66		$ 69.19		$ 69.19
2400	$ 9.88	$ 9.88	$ 0.59	$ 20.07	$ 1.58	$ 1.68		$ 43.69		$ 43.69
2100	$ 8.57	$ 8.57	$ 0.51	$ 17.40	$ 1.37	$ 1.46		$ 37.88		$ 37.88
1800	$ 7.35	$ 7.35	$ 0.44	$ 14.93	$ 1.18	$ 1.25		$ 32.50		$ 32.50
1200	$ 5.08	$ 5.08	$ 0.30	$ 10.32	$ 0.81	$ 0.86		$ 22.46		$ 22.46
900	$ 3.93	$ 3.93	$ 0.24	$ 7.97	$ 0.63	$ 0.67		$ 17.35		$ 17.35
600	$ 3.16	$ 3.16	$ 0.19	$ 6.41	$ 0.51	$ 0.54		$ 13.96		$ 13.96
400	$ 2.57	$ 2.57	$ 0.15	$ 5.22	$ 0.41	$ 0.44		$ 11.36		$ 11.36
300	$ 2.05	$ 2.05	$ 0.12	$ 4.17	$ 0.33	$ 0.35		$ 9.07		$ 9.07
200	$ 1.37	$ 1.37	$ 0.08	$ 2.78	$ 0.22	$ 0.23		$ 6.05		$ 6.05
100	$ 0.68	$ 0.68	$ 0.04	$ 1.39	$ 0.11	$ 0.12		$ 3.02		$ 3.02
50	$ 0.34	$ 0.34	$ 0.02	$ 0.69	$ 0.05	$ 0.06		$ 1.51		$ 1.51
25	$ 0.17	$ 0.17	$ 0.01	$ 0.35	$ 0.03	$ 0.03		$ 0.76		$ 0.76
18	$ 0.17	$ 0.17	$ 0.01	$ 0.35	$ 0.03	$ 0.03		$ 0.76		$ 0.76
12	$ 0.17	$ 0.17	$ 0.01	$ 0.35	$ 0.03	$ 0.03		$ 0.76		$ 0.76

000047

Loop Cost Inputs

24 Gauge Cable - Aerial

Size	FIXED COSTS						DENSITY 651-850		DENSITY 851-2550	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
4200	$ 29.00							$ 29.00		$ 29.00
3600	$ 26.00							$ 26.00		$ 26.00
3000	$ 21.67							$ 21.67		$ 21.67
2400	$ 20.00							$ 20.00		$ 20.00
2100	$ 17.50							$ 17.50		$ 17.50
1800	$ 16.00							$ 16.00		$ 16.00
1200	$ 12.00							$ 12.00		$ 12.00
900	$ 10.00							$ 10.00		$ 10.00
600	$ 7.75							$ 7.75		$ 7.75
400	$ 6.00							$ 6.00		$ 6.00
300	$ 5.13							$ 5.13		$ 5.13
200	$ 4.25							$ 4.25		$ 4.25
100	$ 2.50							$ 2.50		$ 2.50
50	$ 1.25							$ 1.25		$ 1.25
25	$ 0.75							$ 0.75		$ 0.75
18	$ 0.75							$ 0.75		$ 0.75
12	$ 0.75							$ 0.75		$ 0.75

26 Gauge Cable - Underground Copper

Size	FIXED COSTS						DENSITY 651-850		DENSITY 851-2550	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
4200	$ 21.81	$ 21.81	$ 1.31	$ 44.27	$ 3.49	$ 3.71		$ 96.39		$ 96.39
3600	$ 18.69	$ 18.69	$ 1.12	$ 37.95	$ 2.99	$ 3.18		$ 82.62		$ 82.62
3000	$ 15.65	$ 15.65	$ 0.94	$ 31.78	$ 2.50	$ 2.66		$ 69.19		$ 69.19
2400	$ 9.88	$ 9.88	$ 0.59	$ 20.07	$ 1.58	$ 1.68		$ 43.69		$ 43.69
2100	$ 8.57	$ 8.57	$ 0.51	$ 17.40	$ 1.37	$ 1.46		$ 37.88		$ 37.88
1800	$ 7.35	$ 7.35	$ 0.44	$ 14.93	$ 1.18	$ 1.25		$ 32.50		$ 32.50
1200	$ 5.08	$ 5.08	$ 0.30	$ 10.32	$ 0.81	$ 0.86		$ 22.46		$ 22.46
900	$ 3.93	$ 3.93	$ 0.24	$ 7.97	$ 0.63	$ 0.67		$ 17.35		$ 17.35
600	$ 3.16	$ 3.16	$ 0.19	$ 6.41	$ 0.51	$ 0.54		$ 13.96		$ 13.96
400	$ 2.57	$ 2.57	$ 0.15	$ 5.22	$ 0.41	$ 0.44		$ 11.36		$ 11.36
300	$ 2.05	$ 2.05	$ 0.12	$ 4.17	$ 0.33	$ 0.35		$ 9.07		$ 9.07
200	$ 1.37	$ 1.37	$ 0.08	$ 2.78	$ 0.22	$ 0.23		$ 6.05		$ 6.05
100	$ 0.68	$ 0.68	$ 0.04	$ 1.39	$ 0.11	$ 0.12		$ 3.02		$ 3.02
50	$ 0.34	$ 0.34	$ 0.02	$ 0.69	$ 0.05	$ 0.06		$ 1.51		$ 1.51
25	$ 0.17	$ 0.17	$ 0.01	$ 0.35	$ 0.03	$ 0.03		$ 0.76		$ 0.76
18	$ 0.17	$ 0.17	$ 0.01	$ 0.35	$ 0.03	$ 0.03		$ 0.76		$ 0.76
12	$ 0.17	$ 0.17	$ 0.01	$ 0.35	$ 0.03	$ 0.03		$ 0.76		$ 0.76

Loop Cost Inputs

24 Gauge Cable - Aerial

Size	FIXED COSTS						DENSITY 2551-5000		DENSITY 5001-10000	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
4200	$ 29.00							$ 29.00		$ 29.00
3600	$ 26.00							$ 26.00		$ 26.00
3000	$ 21.67							$ 21.67		$ 21.67
2400	$ 20.00							$ 20.00		$ 20.00
2100	$ 17.50							$ 17.50		$ 17.50
1800	$ 16.00							$ 16.00		$ 16.00
1200	$ 12.00							$ 12.00		$ 12.00
900	$ 10.00							$ 10.00		$ 10.00
600	$ 7.75							$ 7.75		$ 7.75
400	$ 6.00							$ 6.00		$ 6.00
300	$ 5.13							$ 5.13		$ 5.13
200	$ 4.25							$ 4.25		$ 4.25
100	$ 2.50							$ 2.50		$ 2.50
50	$ 1.25							$ 1.25		$ 1.25
25	$ 0.75							$ 0.75		$ 0.75
18	$ 0.75							$ 0.75		$ 0.75
12	$ 0.75							$ 0.75		$ 0.75

26 Gauge Cable - Underground Copper

Size	FIXED COSTS						DENSITY 2551-5000		DENSITY 5001-10000	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
4200	$ 21.81	$ 21.81	$ 1.31	$ 44.27	$ 3.49	$ 3.71		$ 96.39		$ 96.39
3600	$ 18.69	$ 18.69	$ 1.12	$ 37.95	$ 2.99	$ 3.18		$ 82.62		$ 82.62
3000	$ 15.65	$ 15.65	$ 0.94	$ 31.78	$ 2.50	$ 2.66		$ 69.19		$ 69.19
2400	$ 9.88	$ 9.88	$ 0.59	$ 20.07	$ 1.58	$ 1.68		$ 43.69		$ 43.69
2100	$ 8.57	$ 8.57	$ 0.51	$ 17.40	$ 1.37	$ 1.46		$ 37.88		$ 37.88
1800	$ 7.35	$ 7.35	$ 0.44	$ 14.93	$ 1.18	$ 1.25		$ 32.50		$ 32.50
1200	$ 5.08	$ 5.08	$ 0.30	$ 10.32	$ 0.81	$ 0.86		$ 22.46		$ 22.46
900	$ 3.93	$ 3.93	$ 0.24	$ 7.97	$ 0.63	$ 0.67		$ 17.35		$ 17.35
600	$ 3.16	$ 3.16	$ 0.19	$ 6.41	$ 0.51	$ 0.54		$ 13.96		$ 13.96
400	$ 2.57	$ 2.57	$ 0.15	$ 5.22	$ 0.41	$ 0.44		$ 11.36		$ 11.36
300	$ 2.05	$ 2.05	$ 0.12	$ 4.17	$ 0.33	$ 0.35		$ 9.07		$ 9.07
200	$ 1.37	$ 1.37	$ 0.08	$ 2.78	$ 0.22	$ 0.23		$ 6.05		$ 6.05
100	$ 0.68	$ 0.68	$ 0.04	$ 1.39	$ 0.11	$ 0.12		$ 3.02		$ 3.02
50	$ 0.34	$ 0.34	$ 0.02	$ 0.69	$ 0.05	$ 0.06		$ 1.51		$ 1.51
25	$ 0.17	$ 0.17	$ 0.01	$ 0.35	$ 0.03	$ 0.03		$ 0.76		$ 0.76
18	$ 0.17	$ 0.17	$ 0.01	$ 0.35	$ 0.03	$ 0.03		$ 0.76		$ 0.76
12	$ 0.17	$ 0.17	$ 0.01	$ 0.35	$ 0.03	$ 0.03		$ 0.76		$ 0.76

Loop Cost Inputs

24 Gauge Cable - Aerial

Size	FIXED COSTS						DENSITY >10001	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total
4200	$ 29.00							$ 29.00
3600	$ 26.00							$ 26.00
3000	$ 21.67							$ 21.67
2400	$ 20.00							$ 20.00
2100	$ 17.50							$ 17.50
1800	$ 16.00							$ 16.00
1200	$ 12.00							$ 12.00
900	$ 10.00							$ 10.00
600	$ 7.75							$ 7.75
400	$ 6.00							$ 6.00
300	$ 5.13							$ 5.13
200	$ 4.25							$ 4.25
100	$ 2.50							$ 2.50
50	$ 1.25							$ 1.25
25	$ 0.75							$ 0.75
18	$ 0.75							$ 0.75
12	$ 0.75							$ 0.75

26 Gauge Cable - Underground Copper

Size	FIXED COSTS						DENSITY >10001	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total
4200	$ 21.81	$ 21.81	$ 1.31	$ 44.27	$ 3.49	$ 3.71		$ 96.39
3600	$ 18.69	$ 18.69	$ 1.12	$ 37.95	$ 2.99	$ 3.18		$ 82.62
3000	$ 15.65	$ 15.65	$ 0.94	$ 31.78	$ 2.50	$ 2.66		$ 69.19
2400	$ 9.88	$ 9.88	$ 0.59	$ 20.07	$ 1.58	$ 1.68		$ 43.69
2100	$ 8.57	$ 8.57	$ 0.51	$ 17.40	$ 1.37	$ 1.46		$ 37.88
1800	$ 7.35	$ 7.35	$ 0.44	$ 14.93	$ 1.18	$ 1.25		$ 32.50
1200	$ 5.08	$ 5.08	$ 0.30	$ 10.32	$ 0.81	$ 0.86		$ 22.46
900	$ 3.93	$ 3.93	$ 0.24	$ 7.97	$ 0.63	$ 0.67		$ 17.35
600	$ 3.16	$ 3.16	$ 0.19	$ 6.41	$ 0.51	$ 0.54		$ 13.96
400	$ 2.57	$ 2.57	$ 0.15	$ 5.22	$ 0.41	$ 0.44		$ 11.36
300	$ 2.05	$ 2.05	$ 0.12	$ 4.17	$ 0.33	$ 0.35		$ 9.07
200	$ 1.37	$ 1.37	$ 0.08	$ 2.78	$ 0.22	$ 0.23		$ 6.05
100	$ 0.68	$ 0.68	$ 0.04	$ 1.39	$ 0.11	$ 0.12		$ 3.02
50	$ 0.34	$ 0.34	$ 0.02	$ 0.69	$ 0.05	$ 0.06		$ 1.51
25	$ 0.17	$ 0.17	$ 0.01	$ 0.35	$ 0.03	$ 0.03		$ 0.76
18	$ 0.17	$ 0.17	$ 0.01	$ 0.35	$ 0.03	$ 0.03		$ 0.76
12	$ 0.17	$ 0.17	$ 0.01	$ 0.35	$ 0.03	$ 0.03		$ 0.76

Loop Cost Inputs

26 Gauge Cable - Dual Sheath "Filled" Buried Copper

Size	FIXED COSTS						DENSITY 0-5		DENSITY 6-100	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
4200	$ 20.95	$ 3.35	$ 1.26	$ 31.85	$ -	$ 12.78		$ 70.19		$ 70.19
3600	$ 17.96	$ 2.87	$ 1.08	$ 27.30	$ -	$ 10.95		$ 60.16		$ 60.16
3000	$ 15.45	$ 2.47	$ 0.93	$ 23.49	$ -	$ 9.43		$ 51.77		$ 51.77
2400	$ 11.97	$ 1.92	$ 0.72	$ 18.20	$ -	$ 7.30		$ 40.11		$ 40.11
2100	$ 10.32	$ 1.65	$ 0.62	$ 15.69	$ -	$ 6.30		$ 34.58		$ 34.58
1800	$ 8.89	$ 1.42	$ 0.53	$ 13.52	$ -	$ 5.42		$ 29.79		$ 29.79
1200	$ 5.89	$ 0.94	$ 0.35	$ 8.96	$ -	$ 3.59		$ 19.74		$ 19.74
900	$ 4.42	$ 0.71	$ 0.27	$ 6.72	$ -	$ 2.70		$ 14.81		$ 14.81
600	$ 3.01	$ 0.48	$ 0.18	$ 4.57	$ -	$ 1.84		$ 10.08		$ 10.08
400	$ 2.13	$ 0.34	$ 0.13	$ 3.24	$ -	$ 1.30		$ 7.14		$ 7.14
300	$ 1.55	$ 0.25	$ 0.09	$ 2.35	$ -	$ 0.94		$ 5.18		$ 5.18
200	$ 1.07	$ 0.17	$ 0.06	$ 1.63	$ -	$ 0.65		$ 3.59		$ 3.59
100	$ 0.58	$ 0.09	$ 0.03	$ 0.88	$ -	$ 0.35		$ 1.93		$ 1.93
50	$ 0.33	$ 0.05	$ 0.02	$ 0.50	$ -	$ 0.20		$ 1.10		$ 1.10
25	$ 0.28	$ 0.04	$ 0.02	$ 0.42	$ -	$ 0.17		$ 0.93		$ 0.93
18	$ 0.28	$ 0.04	$ 0.02	$ 0.42	$ -	$ 0.17		$ 0.93		$ 0.93
12	$ 0.28	$ 0.04	$ 0.02	$ 0.42	$ -	$ 0.17		$ 0.93		$ 0.93

000051

26 Gauge Cable - Aerial

Size	FIXED COSTS						DENSITY 0-5		DENSITY 6-100	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
4200	$ 29.00							$ 29.00		$ 29.00
3600	$ 26.00							$ 26.00		$ 26.00
3000	$ 21.67							$ 21.67		$ 21.67
2400	$ 20.00							$ 20.00		$ 20.00
2100	$ 17.50							$ 17.50		$ 17.50
1800	$ 16.00							$ 16.00		$ 16.00
1200	$ 12.00							$ 12.00		$ 12.00
900	$ 10.00							$ 10.00		$ 10.00
600	$ 7.75							$ 7.75		$ 7.75
400	$ 6.00							$ 6.00		$ 6.00
300	$ 5.13							$ 5.13		$ 5.13
200	$ 4.25							$ 4.25		$ 4.25
100	$ 2.50							$ 2.50		$ 2.50
50	$ 1.25							$ 1.25		$ 1.25
25	$ 0.75							$ 0.75		$ 0.75
18	$ 0.75							$ 0.75		$ 0.75
12	$ 0.75							$ 0.75		$ 0.75

Loop Cost Inputs

26 Gauge Cable - Dual Sheath "Filled" Buried Copper

Size	FIXED COSTS						DENSITY 101-200		DENSITY 201-650	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
4200	$ 20.95	$ 3.35	$ 1.26	$ 31.85	$ -	$ 12.78		$ 70.19		$ 70.19
3600	$ 17.96	$ 2.87	$ 1.08	$ 27.30	$ -	$ 10.95		$ 60.16		$ 60.16
3000	$ 15.45	$ 2.47	$ 0.93	$ 23.49	$ -	$ 9.43		$ 51.77		$ 51.77
2400	$ 11.97	$ 1.92	$ 0.72	$ 18.20	$ -	$ 7.30		$ 40.11		$ 40.11
2100	$ 10.32	$ 1.65	$ 0.62	$ 15.69	$ -	$ 6.30		$ 34.58		$ 34.58
1800	$ 8.89	$ 1.42	$ 0.53	$ 13.52	$ -	$ 5.42		$ 29.79		$ 29.79
1200	$ 5.89	$ 0.94	$ 0.35	$ 8.96	$ -	$ 3.59		$ 19.74		$ 19.74
900	$ 4.42	$ 0.71	$ 0.27	$ 6.72	$ -	$ 2.70		$ 14.81		$ 14.81
600	$ 3.01	$ 0.48	$ 0.18	$ 4.57	$ -	$ 1.84		$ 10.08		$ 10.08
400	$ 2.13	$ 0.34	$ 0.13	$ 3.24	$ -	$ 1.30		$ 7.14		$ 7.14
300	$ 1.55	$ 0.25	$ 0.09	$ 2.35	$ -	$ 0.94		$ 5.18		$ 5.18
200	$ 1.07	$ 0.17	$ 0.06	$ 1.63	$ -	$ 0.65		$ 3.59		$ 3.59
100	$ 0.58	$ 0.09	$ 0.03	$ 0.88	$ -	$ 0.35		$ 1.93		$ 1.93
50	$ 0.33	$ 0.05	$ 0.02	$ 0.50	$ -	$ 0.20		$ 1.10		$ 1.10
25	$ 0.28	$ 0.04	$ 0.02	$ 0.42	$ -	$ 0.17		$ 0.93		$ 0.93
18	$ 0.28	$ 0.04	$ 0.02	$ 0.42	$ -	$ 0.17		$ 0.93		$ 0.93
12	$ 0.28	$ 0.04	$ 0.02	$ 0.42	$ -	$ 0.17		$ 0.93		$ 0.93

26 Gauge Cable - Aerial

Size	FIXED COSTS						DENSITY 101-200		DENSITY 201-650	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
4200	$ 29.00							$ 29.00		$ 29.00
3600	$ 26.00							$ 26.00		$ 26.00
3000	$ 21.67							$ 21.67		$ 21.67
2400	$ 20.00							$ 20.00		$ 20.00
2100	$ 17.50							$ 17.50		$ 17.50
1800	$ 16.00							$ 16.00		$ 16.00
1200	$ 12.00							$ 12.00		$ 12.00
900	$ 10.00							$ 10.00		$ 10.00
600	$ 7.75							$ 7.75		$ 7.75
400	$ 6.00							$ 6.00		$ 6.00
300	$ 5.13							$ 5.13		$ 5.13
200	$ 4.25							$ 4.25		$ 4.25
100	$ 2.50							$ 2.50		$ 2.50
50	$ 1.25							$ 1.25		$ 1.25
25	$ 0.75							$ 0.75		$ 0.75
18	$ 0.75							$ 0.75		$ 0.75
12	$ 0.75							$ 0.75		$ 0.75

000052

Loop Cost Inputs

26 Gauge Cable - Dual Sheath "Filled" Buried Copper

Size	FIXED COSTS						DENSITY 651-850		DENSITY 851-2550	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
4200	$ 20.95	$ 3.35	$ 1.26	$ 31.85	$ -	$ 12.78		$ 70.19		$ 70.19
3600	$ 17.96	$ 2.87	$ 1.08	$ 27.30	$ -	$ 10.95		$ 60.16		$ 60.16
3000	$ 15.45	$ 2.47	$ 0.93	$ 23.49	$ -	$ 9.43		$ 51.77		$ 51.77
2400	$ 11.97	$ 1.92	$ 0.72	$ 18.20	$ -	$ 7.30		$ 40.11		$ 40.11
2100	$ 10.32	$ 1.65	$ 0.62	$ 15.69	$ -	$ 6.30		$ 34.58		$ 34.58
1800	$ 8.89	$ 1.42	$ 0.53	$ 13.52	$ -	$ 5.42		$ 29.79		$ 29.79
1200	$ 5.89	$ 0.94	$ 0.35	$ 8.96	$ -	$ 3.59		$ 19.74		$ 19.74
900	$ 4.42	$ 0.71	$ 0.27	$ 6.72	$ -	$ 2.70		$ 14.81		$ 14.81
600	$ 3.01	$ 0.48	$ 0.18	$ 4.57	$ -	$ 1.84		$ 10.08		$ 10.08
400	$ 2.13	$ 0.34	$ 0.13	$ 3.24	$ -	$ 1.30		$ 7.14		$ 7.14
300	$ 1.55	$ 0.25	$ 0.09	$ 2.35	$ -	$ 0.94		$ 5.18		$ 5.18
200	$ 1.07	$ 0.17	$ 0.06	$ 1.63	$ -	$ 0.65		$ 3.59		$ 3.59
100	$ 0.58	$ 0.09	$ 0.03	$ 0.88	$ -	$ 0.35		$ 1.93		$ 1.93
50	$ 0.33	$ 0.05	$ 0.02	$ 0.50	$ -	$ 0.20		$ 1.10		$ 1.10
25	$ 0.28	$ 0.04	$ 0.02	$ 0.42	$ -	$ 0.17		$ 0.93		$ 0.93
18	$ 0.28	$ 0.04	$ 0.02	$ 0.42	$ -	$ 0.17		$ 0.93		$ 0.93
12	$ 0.28	$ 0.04	$ 0.02	$ 0.42	$ -	$ 0.17		$ 0.93		$ 0.93

26 Gauge Cable - Aerial

Size	FIXED COSTS						DENSITY 651-850		DENSITY 851-2550	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
4200	$ 29.00							$ 29.00		$ 29.00
3600	$ 26.00							$ 26.00		$ 26.00
3000	$ 21.67							$ 21.67		$ 21.67
2400	$ 20.00							$ 20.00		$ 20.00
2100	$ 17.50							$ 17.50		$ 17.50
1800	$ 16.00							$ 16.00		$ 16.00
1200	$ 12.00							$ 12.00		$ 12.00
900	$ 10.00							$ 10.00		$ 10.00
600	$ 7.75							$ 7.75		$ 7.75
400	$ 6.00							$ 6.00		$ 6.00
300	$ 5.13							$ 5.13		$ 5.13
200	$ 4.25							$ 4.25		$ 4.25
100	$ 2.50							$ 2.50		$ 2.50
50	$ 1.25							$ 1.25		$ 1.25
25	$ 0.75							$ 0.75		$ 0.75
18	$ 0.75							$ 0.75		$ 0.75
12	$ 0.75							$ 0.75		$ 0.75

000053

Loop Cost Inputs

26 Gauge Cable - Dual Sheath "Filled" Buried Copper

Size	FIXED COSTS						DENSITY 2551-5000		DENSITY 5001-10000	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
4200	$ 20.95	$ 3.35	$ 1.26	$ 31.85	$ -	$ 12.78		$ 70.19		$ 70.19
3600	$ 17.96	$ 2.87	$ 1.08	$ 27.30	$ -	$ 10.95		$ 60.16		$ 60.16
3000	$ 15.45	$ 2.47	$ 0.93	$ 23.49	$ -	$ 9.43		$ 51.77		$ 51.77
2400	$ 11.97	$ 1.92	$ 0.72	$ 18.20	$ -	$ 7.30		$ 40.11		$ 40.11
2100	$ 10.32	$ 1.65	$ 0.62	$ 15.69	$ -	$ 6.30		$ 34.58		$ 34.58
1800	$ 8.89	$ 1.42	$ 0.53	$ 13.52	$ -	$ 5.42		$ 29.79		$ 29.79
1200	$ 5.89	$ 0.94	$ 0.35	$ 8.96	$ -	$ 3.59		$ 19.74		$ 19.74
900	$ 4.42	$ 0.71	$ 0.27	$ 6.72	$ -	$ 2.70		$ 14.81		$ 14.81
600	$ 3.01	$ 0.48	$ 0.18	$ 4.57	$ -	$ 1.84		$ 10.08		$ 10.08
400	$ 2.13	$ 0.34	$ 0.13	$ 3.24	$ -	$ 1.30		$ 7.14		$ 7.14
300	$ 1.55	$ 0.25	$ 0.09	$ 2.35	$ -	$ 0.94		$ 5.18		$ 5.18
200	$ 1.07	$ 0.17	$ 0.06	$ 1.63	$ -	$ 0.65		$ 3.59		$ 3.59
100	$ 0.58	$ 0.09	$ 0.03	$ 0.88	$ -	$ 0.35		$ 1.93		$ 1.93
50	$ 0.33	$ 0.05	$ 0.02	$ 0.50	$ -	$ 0.20		$ 1.10		$ 1.10
25	$ 0.28	$ 0.04	$ 0.02	$ 0.42	$ -	$ 0.17		$ 0.93		$ 0.93
18	$ 0.28	$ 0.04	$ 0.02	$ 0.42	$ -	$ 0.17		$ 0.93		$ 0.93
12	$ 0.28	$ 0.04	$ 0.02	$ 0.42	$ -	$ 0.17		$ 0.93		$ 0.93

26 Gauge Cable - Aerial

Size	FIXED COSTS						DENSITY 2551-5000		DENSITY 5001-10000	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
4200	$ 29.00							$ 29.00		$ 29.00
3600	$ 26.00							$ 26.00		$ 26.00
3000	$ 21.67							$ 21.67		$ 21.67
2400	$ 20.00							$ 20.00		$ 20.00
2100	$ 17.50							$ 17.50		$ 17.50
1800	$ 16.00							$ 16.00		$ 16.00
1200	$ 12.00							$ 12.00		$ 12.00
900	$ 10.00							$ 10.00		$ 10.00
600	$ 7.75							$ 7.75		$ 7.75
400	$ 6.00							$ 6.00		$ 6.00
300	$ 5.13							$ 5.13		$ 5.13
200	$ 4.25							$ 4.25		$ 4.25
100	$ 2.50							$ 2.50		$ 2.50
50	$ 1.25							$ 1.25		$ 1.25
25	$ 0.75							$ 0.75		$ 0.75
18	$ 0.75							$ 0.75		$ 0.75
12	$ 0.75							$ 0.75		$ 0.75

0000054

Loop Cost Inputs

26 Gauge Cable - Dual Sheath "Filled" Buried Copper

Size	FIXED COSTS						DENSITY >10001	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total
4200	$ 20.95	$ 3.35	$ 1.26	$ 31.85	$ -	$ 12.78		$ 70.19
3600	$ 17.96	$ 2.87	$ 1.08	$ 27.30	$ -	$ 10.95		$ 60.16
3000	$ 15.45	$ 2.47	$ 0.93	$ 23.49	$ -	$ 9.43		$ 51.77
2400	$ 11.97	$ 1.92	$ 0.72	$ 18.20	$ -	$ 7.30		$ 40.11
2100	$ 10.32	$ 1.65	$ 0.62	$ 15.69	$ -	$ 6.30		$ 34.58
1800	$ 8.89	$ 1.42	$ 0.53	$ 13.52	$ -	$ 5.42		$ 29.79
1200	$ 5.89	$ 0.94	$ 0.35	$ 8.96	$ -	$ 3.59		$ 19.74
900	$ 4.42	$ 0.71	$ 0.27	$ 6.72	$ -	$ 2.70		$ 14.81
600	$ 3.01	$ 0.48	$ 0.18	$ 4.57	$ -	$ 1.84		$ 10.08
400	$ 2.13	$ 0.34	$ 0.13	$ 3.24	$ -	$ 1.30		$ 7.14
300	$ 1.55	$ 0.25	$ 0.09	$ 2.35	$ -	$ 0.94		$ 5.18
200	$ 1.07	$ 0.17	$ 0.06	$ 1.63	$ -	$ 0.65		$ 3.59
100	$ 0.58	$ 0.09	$ 0.03	$ 0.88	$ -	$ 0.35		$ 1.93
50	$ 0.33	$ 0.05	$ 0.02	$ 0.50	$ -	$ 0.20		$ 1.10
25	$ 0.28	$ 0.04	$ 0.02	$ 0.42	$ -	$ 0.17		$ 0.93
18	$ 0.28	$ 0.04	$ 0.02	$ 0.42	$ -	$ 0.17		$ 0.93
12	$ 0.28	$ 0.04	$ 0.02	$ 0.42	$ -	$ 0.17		$ 0.93

26 Gauge Cable - Aerial

Size	FIXED COSTS						DENSITY >10001	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total
4200	$ 29.00							$ 29.00
3600	$ 26.00							$ 26.00
3000	$ 21.67							$ 21.67
2400	$ 20.00							$ 20.00
2100	$ 17.50							$ 17.50
1800	$ 16.00							$ 16.00
1200	$ 12.00							$ 12.00
900	$ 10.00							$ 10.00
600	$ 7.75							$ 7.75
400	$ 6.00							$ 6.00
300	$ 5.13							$ 5.13
200	$ 4.25							$ 4.25
100	$ 2.50							$ 2.50
50	$ 1.25							$ 1.25
25	$ 0.75							$ 0.75
18	$ 0.75							$ 0.75
12	$ 0.75							$ 0.75

000055

Loop Cost Inputs

Strand

Size	FIXED COSTS						DENSITY 0-5		DENSITY 6-100	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
25m								$ -		$ -
16m								$ -		$ -
10m								$ -		$ -
6m								$ -		$ -

950056

Loop Cost Inputs

Strand

Size	FIXED COSTS						DENSITY 101-200		DENSITY 201-650	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
25m								$ -		$ -
16m								$ -		$ -
10m								$ -		$ -
6m								$ -		$ -

000057

Loop Cost Inputs

Strand

Size	FIXED COSTS						DENSITY 651-850		DENSITY 851-2550	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
25m								$ -		$ -
16m								$ -		$ -
10m								$ -		$ -
6m								$ -		$ -

000058

Loop Cost Inputs

Strand

Size	FIXED COSTS						DENSITY 2551-5000		DENSITY 5001-10000	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total	Adjustment	Total
25m								$ -		$ -
16m								$ -		$ -
10m								$ -		$ -
6m								$ -		$ -

000059

Loop Cost Inputs

Strand

Size	FIXED COSTS						DENSITY >10001	
	Material Cost	Suppy Cost	Tax	Placing	Splicing	Engineering	Adjustment	Total
25m								$ -
16m								$ -
10m								$ -
6m								$ -

000060

Structure Inputs

Normal Structure

Normal - Feeder Conduit

Activity	Base Cost Per Foot Installed	DENSITY 0-5 Cost Adjustment	DENSITY 0-5 % Activity	DENSITY 0-5 % Assigned Telephone	DENSITY 0-5 Weighted Amount	DENSITY 6-100 Cost Adjustment	DENSITY 6-100 % Activity	DENSITY 6-100 % Assigned Telephone	DENSITY 6-100 Weighted Amount
Trench & Backfill	$ 6.23		75.00%	99.00%	$ 4.63	$ -	71.00%	99.00%	$ 4.38
Rocky Trench	$ 6.23		0.00%	99.00%	$ -	$ -	0.00%	99.00%	$ -
Backhoe Trench	$ 6.23		17.00%	99.00%	$ 1.05	$ -	19.00%	99.00%	$ 1.17
Hand Dig Trench	$ 6.23		2.00%	99.00%	$ 0.12	$ -	2.00%	99.00%	$ 0.12
Boring	$ 34.82		2.00%	99.00%	$ 0.69	$ -	2.00%	99.00%	$ 0.69
Cut & Restore Asphalt	$ 9.18		1.00%	99.00%	$ 0.09	$ -	2.00%	99.00%	$ 0.18
Cut & Restore Concrete	$ 12.12		1.00%	99.00%	$ 0.12	$ -	2.00%	99.00%	$ 0.24
Cut & Restore Sod	$ 7.99		2.00%	99.00%	$ 0.16	$ -	2.00%	99.00%	$ 0.16
			100.00%		$ 6.86		100.00%		$ 6.94

Normal - Distribution Conduit

Activity	Base Cost Per Foot Installed	DENSITY 0-5 Cost Adjustment	DENSITY 0-5 % Activity	DENSITY 0-5 % Assigned Telephone	DENSITY 0-5 Weighted Amount	DENSITY 6-100 Cost Adjustment	DENSITY 6-100 % Activity	DENSITY 6-100 % Assigned Telephone	DENSITY 6-100 Weighted Amount
Trench & Backfill	$ 6.23	$ -	87.00%	99.00%	$ 5.37	$ -	71.00%	99.00%	$ 4.38
Rocky Trench	$ 6.23	$ -	0.00%	99.00%	$ -	$ -	0.00%	99.00%	$ -
Backhoe Trench	$ 6.23	$ -	5.00%	99.00%	$ 0.31	$ -	19.00%	99.00%	$ 1.17
Hand Dig Trench	$ 6.23	$ -	2.00%	99.00%	$ 0.12	$ -	2.00%	99.00%	$ 0.12
Boring	$ 34.82	$ -	2.00%	99.00%	$ 0.69	$ -	2.00%	99.00%	$ 0.69
Cut & Restore Asphalt	$ 9.18	$ -	1.00%	99.00%	$ 0.09	$ -	2.00%	99.00%	$ 0.18
Cut & Restore Concrete	$ 12.12	$ -	1.00%	99.00%	$ 0.12	$ -	2.00%	99.00%	$ 0.24
Cut & Restore Sod	$ 7.99	$ -	2.00%	99.00%	$ 0.16	$ -	2.00%	99.00%	$ 0.16
			100.00%		$ 6.86		100.00%		$ 6.94

Structure Inputs

Normal Structure

Normal - Feeder Conduit

Activity	Base Cost Per Foot Installed	DENSITY 101-200 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	DENSITY 201-650 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Trench & Backfill	$ 6.23	$ -	46.00%	99.00%	$ 2.84	$ -	35.00%	99.00%	$ 2.16
Rocky Trench	$ 6.23	$ -	0.00%	99.00%	$ -	$ -	0.00%	99.00%	$ -
Backhoe Trench	$ 6.23	$ -	30.00%	99.00%	$ 1.85	$ -	33.00%	99.00%	$ 2.04
Hand Dig Trench	$ 6.23	$ -	5.00%	99.00%	$ 0.31	$ -	3.00%	99.00%	$ 0.19
Boring	$ 34.82	$ -	4.00%	99.00%	$ 1.38	$ -	4.00%	99.00%	$ 1.38
Cut & Restore Asphalt	$ 9.18	$ -	5.00%	99.00%	$ 0.45	$ -	8.00%	99.00%	$ 0.73
Cut & Restore Concrete	$ 12.12	$ -	4.00%	99.00%	$ 0.48	$ -	7.00%	99.00%	$ 0.84
Cut & Restore Sod	$ 7.99	$ -	6.00%	99.00%	$ 0.47	$ -	10.00%	99.00%	$ 0.79
			100.00%		$ 7.78		100.00%		$ 8.12

Normal - Distribution Conduit

Activity	Base Cost Per Foot Installed	DENSITY 101-200 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	DENSITY 201-650 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Trench & Backfill	$ 6.23	$ -	60.00%	99.00%	$ 3.70	$ -	45.00%	99.00%	$ 2.78
Rocky Trench	$ 6.23	$ -	0.00%	99.00%	$ -	$ -	0.00%	99.00%	$ -
Backhoe Trench	$ 6.23	$ -	18.00%	99.00%	$ 1.11	$ -	23.00%	99.00%	$ 1.42
Hand Dig Trench	$ 6.23	$ -	5.00%	99.00%	$ 0.31	$ -	3.00%	99.00%	$ 0.19
Boring	$ 34.82	$ -	2.00%	99.00%	$ 0.69	$ -	4.00%	99.00%	$ 1.38
Cut & Restore Asphalt	$ 9.18	$ -	5.00%	99.00%	$ 0.45	$ -	8.00%	99.00%	$ 0.73
Cut & Restore Concrete	$ 12.12	$ -	4.00%	99.00%	$ 0.48	$ -	7.00%	99.00%	$ 0.84
Cut & Restore Sod	$ 7.99	$ -	6.00%	99.00%	$ 0.47	$ -	10.00%	99.00%	$ 0.79
			100.00%		$ 7.22		100.00%		$ 8.12

Structure Inputs

Normal Structure

Normal - Feeder Conduit

Activity	Base Cost Per Foot Installed	DENSITY 651-850 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	DENSITY 851-2550 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Trench & Backfill	$ 6.23	$ -	27.00%	99.00%	$ 1.67	$ -	27.00%	99.00%	$ 1.67
Rocky Trench	$ 6.23	$ -	0.00%	99.00%	$ -	$ -	0.00%	99.00%	$ -
Backhoe Trench	$ 6.23	$ -	30.00%	99.00%	$ 1.85	$ -	30.00%	99.00%	$ 1.85
Hand Dig Trench	$ 6.23	$ -	6.00%	99.00%	$ 0.37	$ -	6.00%	99.00%	$ 0.37
Boring	$ 34.82	$ -	2.00%	99.00%	$ 0.69	$ -	2.00%	99.00%	$ 0.69
Cut & Restore Asphalt	$ 9.18	$ -	13.00%	99.00%	$ 1.18	$ -	13.00%	99.00%	$ 1.18
Cut & Restore Concrete	$ 12.12	$ -	12.00%	99.00%	$ 1.44	$ -	12.00%	99.00%	$ 1.44
Cut & Restore Sod	$ 7.99	$ -	10.00%	99.00%	$ 0.79	$ -	10.00%	99.00%	$ 0.79
			100.00%		$ 7.99		100.00%		$ 7.99

Normal - Distribution Conduit

Activity	Base Cost Per Foot Installed	DENSITY 651-850 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	DENSITY 851-2550 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Trench & Backfill	$ 6.23	$ -	40.00%	99.00%	$ 2.47	$ -	40.00%	99.00%	$ 2.47
Rocky Trench	$ 6.23	$ -	0.00%	99.00%	$ -	$ -	0.00%	99.00%	$ -
Backhoe Trench	$ 6.23	$ -	7.00%	99.00%	$ 0.43	$ -	7.00%	99.00%	$ 0.43
Hand Dig Trench	$ 6.23	$ -	6.00%	99.00%	$ 0.37	$ -	6.00%	99.00%	$ 0.37
Boring	$ 34.82	$ -	2.00%	99.00%	$ 0.69	$ -	2.00%	99.00%	$ 0.69
Cut & Restore Asphalt	$ 9.18	$ -	13.00%	99.00%	$ 1.18	$ -	13.00%	99.00%	$ 1.18
Cut & Restore Concrete	$ 12.12	$ -	12.00%	99.00%	$ 1.44	$ -	12.00%	99.00%	$ 1.44
Cut & Restore Sod	$ 7.99	$ -	20.00%	99.00%	$ 1.58	$ -	20.00%	99.00%	$ 1.58
			100.00%		$ 8.16		100.00%		$ 8.16

Structure Inputs

Normal Structure

Normal - Feeder Conduit

Activity	Base Cost Per Foot Installed	DENSITY 2551-5000 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	DENSITY 5001-10000 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Trench & Backfill	$ 6.23	$ -	5.00%	99.00%	$ 0.31	$ -	5.00%	99.00%	$ 0.31
Rocky Trench	$ 6.23	$ -	0.00%	99.00%	$ -	$ -	0.00%	99.00%	$ -
Backhoe Trench	$ 6.23	$ -	20.00%	99.00%	$ 1.23	$ -	20.00%	99.00%	$ 1.23
Hand Dig Trench	$ 6.23	$ -	8.00%	99.00%	$ 0.49	$ -	8.00%	99.00%	$ 0.49
Boring	$ 34.82	$ -	15.00%	99.00%	$ 5.17	$ -	15.00%	99.00%	$ 5.17
Cut & Restore Asphalt	$ 9.18	$ -	25.00%	99.00%	$ 2.27	$ -	25.00%	99.00%	$ 2.27
Cut & Restore Concrete	$ 12.12	$ -	20.00%	99.00%	$ 2.40	$ -	20.00%	99.00%	$ 2.40
Cut & Restore Sod	$ 7.99	$ -	7.00%	99.00%	$ 0.55	$ -	7.00%	99.00%	$ 0.55
			100.00%		$ 12.43		100.00%		$ 12.43

Normal - Distribution Conduit

Activity	Base Cost Per Foot Installed	DENSITY 2551-5000 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	DENSITY 5001-10000 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Trench & Backfill	$ 6.23	$ -	5.00%	99.00%	$ 0.31	$ -	5.00%	99.00%	$ 0.31
Rocky Trench	$ 6.23	$ -	0.00%	99.00%	$ -	$ -	0.00%	99.00%	$ -
Backhoe Trench	$ 6.23	$ -	19.00%	99.00%	$ 1.17	$ -	19.00%	99.00%	$ 1.17
Hand Dig Trench	$ 6.23	$ -	8.00%	99.00%	$ 0.49	$ -	8.00%	99.00%	$ 0.49
Boring	$ 34.82	$ -	15.00%	99.00%	$ 5.17	$ -	15.00%	99.00%	$ 5.17
Cut & Restore Asphalt	$ 9.18	$ -	25.00%	99.00%	$ 2.27	$ -	25.00%	99.00%	$ 2.27
Cut & Restore Concrete	$ 12.12	$ -	20.00%	99.00%	$ 2.40	$ -	20.00%	99.00%	$ 2.40
Cut & Restore Sod	$ 7.99	$ -	8.00%	99.00%	$ 0.63	$ -	8.00%	99.00%	$ 0.63
			100.00%		$ 12.45		100.00%		$ 12.45

Structure Inputs

Normal Structure

Normal - Feeder Conduit

Activity	Base Cost Per Foot Installed	DENSITY >10001			
		Cost Adustment	% Activity	% Assigned Telephone	Weighted Amount
Trench & Backfill	$ 6.23	$ -	3.00%	99.00%	$ 0.19
Rocky Trench	$ 6.23	$ -	0.00%	99.00%	$ -
Backhoe Trench	$ 6.23	$ -	15.00%	99.00%	$ 0.93
Hand Dig Trench	$ 6.23	$ -	8.00%	99.00%	$ 0.49
Boring	$ 34.82	$ -	10.00%	99.00%	$ 3.45
Cut & Restore Asphalt	$ 9.18	$ -	33.00%	99.00%	$ 3.00
Cut & Restore Concrete	$ 12.12	$ -	28.00%	99.00%	$ 3.36
Cut & Restore Sod	$ 7.99	$ -	3.00%	99.00%	$ 0.24
			100.00%		$ 11.65

Normal - Distribution Conduit

Activity	Base Cost Per Foot Installed	DENSITY >10001			
		Cost Adustment	% Activity	% Assigned Telephone	Weighted Amount
Trench & Backfill	$ 6.23	$ -	3.00%	99.00%	$ 0.19
Rocky Trench	$ 6.23	$ -	0.00%	99.00%	$ -
Backhoe Trench	$ 6.23	$ -	15.00%	99.00%	$ 0.93
Hand Dig Trench	$ 6.23	$ -	8.00%	99.00%	$ 0.49
Boring	$ 34.82	$ -	10.00%	99.00%	$ 3.45
Cut & Restore Asphalt	$ 9.18	$ -	33.00%	99.00%	$ 3.00
Cut & Restore Concrete	$ 12.12	$ -	28.00%	99.00%	$ 3.36
Cut & Restore Sod	$ 7.99	$ -	3.00%	99.00%	$ 0.24
			100.00%		$ 11.65

Structure Inputs

Normal - Buried Feeder Cable

Activity	Base Cost Per Foot Installed	DENSITY 0-5 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	DENSITY 6-100 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Plow	$ 2.79		96.00%	99.00%	$ 2.65	$ -	78.00%	99.00%	$ 2.16
Rocky Plow	$ 2.79		0.00%	99.00%	$ -	$ -	0.00%	99.00%	$ -
Trench & Backfill	$ 2.79		0.00%	99.00%	$ -	$ -	10.00%	99.00%	$ 0.28
Rocky Trench	$ 2.79		0.00%	99.00%	$ -	$ -	0.00%	99.00%	$ -
Backhoe Trench	$ 2.79		0.00%	99.00%	$ -	$ -	5.00%	99.00%	$ 0.14
Hand Dig Trench	$ 2.79		0.00%	99.00%	$ -	$ -	1.00%	99.00%	$ 0.03
Bore Cable	$ 16.90		0.00%	99.00%	$ -	$ -	0.00%	99.00%	$ -
Push Pipe & Pull Cable	$ 19.53		0.00%	99.00%	$ -	$ -	0.00%	99.00%	$ -
Cut & Restore Asphalt	$ 5.66		1.00%	99.00%	$ 0.06	$ -	2.00%	99.00%	$ 0.11
Cut & Restore Concrete	$ 8.51		1.00%	99.00%	$ 0.08	$ -	2.00%	99.00%	$ 0.17
Cut & Restore Sod	$ 4.50		2.00%	99.00%	$ 0.09	$ -	2.00%	99.00%	$ 0.09
			100.00%		$ 2.88		100.00%		$ 2.97

Normal - Buried Distribution Cable

Activity	Base Cost Per Foot Installed	DENSITY 0-5 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	DENSITY 6-100 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Plow	$ 2.79	$ -	86.00%	50.00%	$ 1.20	$ -	80.00%	50.00%	$ 1.12
Rocky Plow	$ 2.79	$ -	0.00%	50.00%	$ -	$ -	0.00%	50.00%	$ -
Trench & Backfill	$ 2.79	$ -	10.00%	50.00%	$ 0.14	$ -	11.00%	50.00%	$ 0.15
Rocky Trench	$ 2.79	$ -	0.00%	50.00%	$ -	$ -	0.00%	50.00%	$ -
Backhoe Trench	$ 2.79	$ -	0.00%	50.00%	$ -	$ -	3.00%	50.00%	$ 0.04
Hand Dig Trench	$ 2.79	$ -	0.00%	50.00%	$ -	$ -	0.00%	50.00%	$ -
Bore Cable	$ 16.90	$ -	0.00%	50.00%	$ -	$ -	0.00%	50.00%	$ -
Push Pipe & Pull Cable	$ 19.53	$ -	0.00%	50.00%	$ -	$ -	0.00%	50.00%	$ -
Cut & Restore Asphalt	$ 5.66	$ -	1.00%	50.00%	$ 0.03	$ -	2.00%	50.00%	$ 0.06
Cut & Restore Concrete	$ 8.51	$ -	1.00%	50.00%	$ 0.04	$ -	2.00%	50.00%	$ 0.09
Cut & Restore Sod	$ 4.50	$ -	2.00%	50.00%	$ 0.04	$ -	2.00%	50.00%	$ 0.04
			100.00%		$ 1.46		100.00%		$ 1.50

000066

Structure Inputs

Normal - Buried Feeder Cable

Activity	Base Cost Per Foot Installed	DENSITY 101-200 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	DENSITY 201-650 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Plow	$ 2.79	$ -	60.00%	99.00%	$ 1.66	$ -	33.00%	99.00%	$ 0.91
Rocky Plow	$ 2.79	$ -	0.00%	99.00%	$ -	$ -	0.00%	99.00%	$ -
Trench & Backfill	$ 2.79	$ -	10.00%	99.00%	$ 0.28	$ -	20.00%	99.00%	$ 0.55
Rocky Trench	$ 2.79	$ -	0.00%	99.00%	$ -	$ -	0.00%	99.00%	$ -
Backhoe Trench	$ 2.79	$ -	6.00%	99.00%	$ 0.17	$ -	10.00%	99.00%	$ 0.28
Hand Dig Trench	$ 2.79	$ -	5.00%	99.00%	$ 0.14	$ -	3.00%	99.00%	$ 0.08
Bore Cable	$ 16.90	$ -	3.00%	99.00%	$ 0.50	$ -	4.00%	99.00%	$ 0.67
Push Pipe & Pull Cable	$ 19.53	$ -	1.00%	99.00%	$ 0.19	$ -	5.00%	99.00%	$ 0.97
Cut & Restore Asphalt	$ 5.66	$ -	5.00%	99.00%	$ 0.28	$ -	8.00%	99.00%	$ 0.45
Cut & Restore Concrete	$ 8.51	$ -	4.00%	99.00%	$ 0.34	$ -	7.00%	99.00%	$ 0.59
Cut & Restore Sod	$ 4.50	$ -	6.00%	99.00%	$ 0.27	$ -	10.00%	99.00%	$ 0.45
			100.00%		$ 3.82		100.00%		$ 4.94

Normal - Buried Distribution Cable

Activity	Base Cost Per Foot Installed	DENSITY 101-200 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	DENSITY 201-650 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Plow	$ 2.79	$ -	69.00%	50.00%	$ 0.96	$ -	21.00%	50.00%	$ 0.29
Rocky Plow	$ 2.79	$ -	0.00%	50.00%	$ -	$ -	0.00%	50.00%	$ -
Trench & Backfill	$ 2.79	$ -	11.00%	50.00%	$ 0.15	$ -	30.00%	50.00%	$ 0.42
Rocky Trench	$ 2.79	$ -	0.00%	50.00%	$ -	$ -	0.00%	50.00%	$ -
Backhoe Trench	$ 2.79	$ -	3.00%	50.00%	$ 0.04	$ -	12.00%	50.00%	$ 0.17
Hand Dig Trench	$ 2.79	$ -	0.00%	50.00%	$ -	$ -	3.00%	50.00%	$ 0.04
Bore Cable	$ 16.90	$ -	1.00%	50.00%	$ 0.08	$ -	4.00%	50.00%	$ 0.34
Push Pipe & Pull Cable	$ 19.53	$ -	1.00%	50.00%	$ 0.10	$ -	5.00%	50.00%	$ 0.49
Cut & Restore Asphalt	$ 5.66	$ -	5.00%	50.00%	$ 0.14	$ -	8.00%	50.00%	$ 0.23
Cut & Restore Concrete	$ 8.51	$ -	4.00%	50.00%	$ 0.17	$ -	7.00%	50.00%	$ 0.30
Cut & Restore Sod	$ 4.50	$ -	6.00%	50.00%	$ 0.13	$ -	10.00%	50.00%	$ 0.22
			100.00%		$ 1.79		100.00%		$ 2.50

Structure Inputs

Normal - Buried Feeder Cable

Activity	Base Cost Per Foot Installed	DENSITY 651-850 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	DENSITY 851-2550 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Plow	$ 2.79	$ -	15.00%	99.00%	$ 0.41	$ -	15.00%	99.00%	$ 0.41
Rocky Plow	$ 2.79	$ -	0.00%	99.00%	$ -	$ -	0.00%	99.00%	$ -
Trench & Backfill	$ 2.79	$ -	26.00%	99.00%	$ 0.72	$ -	26.00%	99.00%	$ 0.72
Rocky Trench	$ 2.79	$ -	0.00%	99.00%	$ -	$ -	0.00%	99.00%	$ -
Backhoe Trench	$ 2.79	$ -	11.00%	99.00%	$ 0.30	$ -	11.00%	99.00%	$ 0.30
Hand Dig Trench	$ 2.79	$ -	6.00%	99.00%	$ 0.17	$ -	6.00%	99.00%	$ 0.17
Bore Cable	$ 16.90	$ -	2.00%	99.00%	$ 0.33	$ -	2.00%	99.00%	$ 0.33
Push Pipe & Pull Cable	$ 19.53	$ -	5.00%	99.00%	$ 0.97	$ -	5.00%	99.00%	$ 0.97
Cut & Restore Asphalt	$ 5.66	$ -	13.00%	99.00%	$ 0.73	$ -	13.00%	99.00%	$ 0.73
Cut & Restore Concrete	$ 8.51	$ -	12.00%	99.00%	$ 1.01	$ -	12.00%	99.00%	$ 1.01
Cut & Restore Sod	$ 4.50	$ -	10.00%	99.00%	$ 0.45	$ -	10.00%	99.00%	$ 0.45
			100.00%		$ 5.09		100.00%		$ 5.09

Normal - Buried Distribution Cable

Activity	Base Cost Per Foot Installed	DENSITY 651-850 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	DENSITY 851-2550 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Plow	$ 2.79	$ -	20.00%	50.00%	$ 0.28	$ -	20.00%	50.00%	$ 0.28
Rocky Plow	$ 2.79	$ -	0.00%	50.00%	$ -	$ -	0.00%	50.00%	$ -
Trench & Backfill	$ 2.79	$ -	20.00%	50.00%	$ 0.28	$ -	20.00%	50.00%	$ 0.28
Rocky Trench	$ 2.79	$ -	0.00%	50.00%	$ -	$ -	0.00%	50.00%	$ -
Backhoe Trench	$ 2.79	$ -	2.00%	50.00%	$ 0.03	$ -	2.00%	50.00%	$ 0.03
Hand Dig Trench	$ 2.79	$ -	6.00%	50.00%	$ 0.08	$ -	6.00%	50.00%	$ 0.08
Bore Cable	$ 16.90	$ -	2.00%	50.00%	$ 0.17	$ -	2.00%	50.00%	$ 0.17
Push Pipe & Pull Cable	$ 19.53	$ -	5.00%	50.00%	$ 0.49	$ -	5.00%	50.00%	$ 0.49
Cut & Restore Asphalt	$ 5.66	$ -	13.00%	50.00%	$ 0.37	$ -	13.00%	50.00%	$ 0.37
Cut & Restore Concrete	$ 8.51	$ -	12.00%	50.00%	$ 0.51	$ -	12.00%	50.00%	$ 0.51
Cut & Restore Sod	$ 4.50	$ -	20.00%	50.00%	$ 0.45	$ -	20.00%	50.00%	$ 0.45
			100.00%		$ 2.66		100.00%		$ 2.66

Structure Inputs

Normal - Buried Feeder Cable

Activity	Base Cost Per Foot Installed	DENSITY 2551-5000 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	DENSITY 5001-10000 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Plow	$ 2.79	$ -	0.00%	99.00%	$ -	$ -	0.00%	99.00%	$ -
Rocky Plow	$ 2.79	$ -	0.00%	99.00%	$ -	$ -	0.00%	99.00%	$ -
Trench & Backfill	$ 2.79	$ -	5.00%	99.00%	$ 0.14	$ -	5.00%	99.00%	$ 0.14
Rocky Trench	$ 2.79	$ -	0.00%	99.00%	$ -	$ -	0.00%	99.00%	$ -
Backhoe Trench	$ 2.79	$ -	20.00%	99.00%	$ 0.55	$ -	20.00%	99.00%	$ 0.55
Hand Dig Trench	$ 2.79	$ -	8.00%	99.00%	$ 0.22	$ -	8.00%	99.00%	$ 0.22
Bore Cable	$ 16.90	$ -	15.00%	99.00%	$ 2.51	$ -	15.00%	99.00%	$ 2.51
Push Pipe & Pull Cable	$ 19.53	$ -	0.00%	99.00%	$ -	$ -	0.00%	99.00%	$ -
Cut & Restore Asphalt	$ 5.66	$ -	25.00%	99.00%	$ 1.40	$ -	25.00%	99.00%	$ 1.40
Cut & Restore Concrete	$ 8.51	$ -	20.00%	99.00%	$ 1.69	$ -	20.00%	99.00%	$ 1.69
Cut & Restore Sod	$ 4.50	$ -	7.00%	99.00%	$ 0.31	$ -	7.00%	99.00%	$ 0.31
			100.00%		$ 6.82		100.00%		$ 6.82

Normal - Buried Distribution Cable

Activity	Base Cost Per Foot Installed	DENSITY 2551-5000 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	DENSITY 5001-10000 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Plow	$ 2.79	$ -	0.00%	50.00%	$ -	$ -	0.00%	50.00%	$ -
Rocky Plow	$ 2.79	$ -	0.00%	50.00%	$ -	$ -	0.00%	50.00%	$ -
Trench & Backfill	$ 2.79	$ -	5.00%	50.00%	$ 0.07	$ -	5.00%	50.00%	$ 0.07
Rocky Trench	$ 2.79	$ -	0.00%	50.00%	$ -	$ -	0.00%	50.00%	$ -
Backhoe Trench	$ 2.79	$ -	19.00%	50.00%	$ 0.27	$ -	19.00%	50.00%	$ 0.27
Hand Dig Trench	$ 2.79	$ -	8.00%	50.00%	$ 0.11	$ -	8.00%	50.00%	$ 0.11
Bore Cable	$ 16.90	$ -	15.00%	50.00%	$ 1.27	$ -	15.00%	50.00%	$ 1.27
Push Pipe & Pull Cable	$ 19.53	$ -	0.00%	50.00%	$ -	$ -	0.00%	50.00%	$ -
Cut & Restore Asphalt	$ 5.66	$ -	25.00%	50.00%	$ 0.71	$ -	25.00%	50.00%	$ 0.71
Cut & Restore Concrete	$ 8.51	$ -	20.00%	50.00%	$ 0.85	$ -	20.00%	50.00%	$ 0.85
Cut & Restore Sod	$ 4.50	$ -	8.00%	50.00%	$ 0.18	$ -	8.00%	50.00%	$ 0.18
			100.00%		$ 3.45		100.00%		$ 3.45

000069

Structure Inputs

Normal - Buried Feeder Cable

Activity	Base Cost Per Foot Installed	DENSITY >10001			
		Cost Adustment	% Activity	% Assigned Telephone	Weighted Amount
Plow	$ 2.79	$ -	0.00%	99.00%	$ -
Rocky Plow	$ 2.79	$ -	0.00%	99.00%	$ -
Trench & Backfill	$ 2.79	$ -	3.00%	99.00%	$ 0.08
Rocky Trench	$ 2.79	$ -	0.00%	99.00%	$ -
Backhoe Trench	$ 2.79	$ -	15.00%	99.00%	$ 0.41
Hand Dig Trench	$ 2.79	$ -	8.00%	99.00%	$ 0.22
Bore Cable	$ 16.90	$ -	10.00%	99.00%	$ 1.67
Push Pipe & Pull Cable	$ 19.53	$ -	0.00%	99.00%	$ -
Cut & Restore Asphalt	$ 5.66	$ -	33.00%	99.00%	$ 1.85
Cut & Restore Concrete	$ 8.51	$ -	28.00%	99.00%	$ 2.36
Cut & Restore Sod	$ 4.50	$ -	3.00%	99.00%	$ 0.13
			100.00%		$ 6.73

Normal - Buried Distribution Cable

Activity	Base Cost Per Foot Installed	DENSITY >10001			
		Cost Adustment	% Activity	% Assigned Telephone	Weighted Amount
Plow	$ 2.79	$ -	0.00%	50.00%	$ -
Rocky Plow	$ 2.79	$ -	0.00%	50.00%	$ -
Trench & Backfill	$ 2.79	$ -	3.00%	50.00%	$ 0.04
Rocky Trench	$ 2.79	$ -	0.00%	50.00%	$ -
Backhoe Trench	$ 2.79	$ -	15.00%	50.00%	$ 0.21
Hand Dig Trench	$ 2.79	$ -	8.00%	50.00%	$ 0.11
Bore Cable	$ 16.90	$ -	10.00%	50.00%	$ 0.85
Push Pipe & Pull Cable	$ 19.53	$ -	0.00%	50.00%	$ -
Cut & Restore Asphalt	$ 5.66	$ -	33.00%	50.00%	$ 0.93
Cut & Restore Concrete	$ 8.51	$ -	28.00%	50.00%	$ 1.19
Cut & Restore Sod	$ 4.50	$ -	3.00%	50.00%	$ 0.07
			100.00%		$ 3.40

0.0000

Structure Inputs

Normal - Aerial Feeder Cable

Activity	Base Cost Per Unit	DENSITY 0-5 Cost Adjustment	DENSITY 0-5 Installation Cost	DENSITY 0-5 % Assigned Telephone	DENSITY 0-5 Weighted Amount	DENSITY 6-100 Cost Adjustment	DENSITY 6-100 Installation Cost	DENSITY 6-100 % Assigned Telephone	DENSITY 6-100 Weighted Amount
Poles	$ 201.00		$ 216.00	25.00%	$ 104.25		$ 216.00	25.00%	$ 104.25
Anchors and Guys			$ -	0.00%	$ -		$ -	0.00%	$ -
					$ 104.25				$ 104.25

Normal - Aerial Distribution Cable

Activity	Base Cost Per Unit	DENSITY 0-5 Cost Adjustment	DENSITY 0-5 Installation Cost	DENSITY 0-5 % Assigned Telephone	DENSITY 0-5 Weighted Amount	DENSITY 6-100 Cost Adjustment	DENSITY 6-100 Installation Cost	DENSITY 6-100 % Assigned Telephone	DENSITY 6-100 Weighted Amount
Poles	$ 201.00	$ -	$ 216.00	25.00%	$ 104.25	$ -	$ 216.00	25.00%	$ 104.25
Anchors and Guys	$ -	$ -	$ -	0.00%	$ -	$ -	$ -	0.00%	$ -
					$ 104.25				$ 104.25

Structure Inputs

Normal - Aerial Feeder Cable

Activity	Base Cost Per Unit	DENSITY 101-200				DENSITY 201-650			
		Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount	Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount
Poles	$ 201.00		$ 216.00	25.00%	$ 104.25		$ 216.00	25.00%	$ 104.25
Anchors and Guys			$ -	0.00%	$ -		$ -	0.00%	$ -
					$ 104.25				$ 104.25

Normal - Aerial Distribution Cable

Activity	Base Cost Per Unit	DENSITY 101-200				DENSITY 201-650			
		Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount	Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount
Poles	$ 201.00	$ -	$ 216.00	25.00%	$ 104.25	$ -	$ 216.00	25.00%	$ 104.25
Anchors and Guys	$ -	$ -	$ -	0.00%	$ -	$ -	$ -	0.00%	$ -
					$ 104.25				$ 104.25

2,00072

Structure Inputs

Normal - Aerial Feeder Cable

Activity	Base Cost Per Unit	DENSITY 651-850				DENSITY 851-2550			
		Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount	Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount
Poles	$ 201.00		$ 216.00	25.00%	$ 104.25		$ 216.00	25.00%	$ 104.25
Anchors and Guys			$ -	0.00%	$ -		$ -	0.00%	$ -
					$ 104.25				$ 104.25

Normal - Aerial Distribution Cable

Activity	Base Cost Per Unit	DENSITY 651-850				DENSITY 851-2550			
		Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount	Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount
Poles	$ 201.00	$ -	$ 216.00	25.00%	$ 104.25	$ -	$ 216.00	25.00%	$ 104.25
Anchors and Guys	$ -	$ -	$ -	0.00%	$ -	$ -	$ -	0.00%	$ -
					$ 104.25				$ 104.25

000073

Structure Inputs

Normal - Aerial Feeder Cable

Activity	Base Cost Per Unit	DENSITY 2551-5000				DENSITY 5001-10000			
		Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount	Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount
Poles	$ 201.00		$ 216.00	25.00%	$ 104.25		$ 216.00	25.00%	$ 104.25
Anchors and Guys			$ -	0.00%	$ -		$ -	0.00%	$ -
					$ 104.25				$ 104.25

Normal - Aerial Distribution Cable

Activity	Base Cost Per Unit	DENSITY 2551-5000				DENSITY 5001-10000			
		Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount	Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount
Poles	$ 201.00	$ -	$ 216.00	25.00%	$ 104.25	$ -	$ 216.00	25.00%	$ 104.25
Anchors and Guys	$ -	$ -	$ -	0.00%	$ -	$ -	$ -	0.00%	$ -
					$ 104.25				$ 104.25

000074

Structure Inputs

Normal - Aerial Feeder Cable

Activity	Base Cost Per Unit	DENSITY >10001			
		Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount
Poles	$ 201.00		$ 216.00	25.00%	$ 104.25
Anchors and Guys			$ -	0.00%	$ -
					$ 104.25

Normal - Aerial Distribution Cable

Activity	Base Cost Per Unit	DENSITY >10001			
		Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount
Poles	$ 201.00	$ -	$ 216.00	25.00%	$ 104.25
Anchors and Guys	$ -	$ -	$ -	0.00%	$ -
					$ 104.25

000073

Structure Inputs

Soft Rock Structure

Soft Rock - Feeder Conduit

Activity	Base Cost Per Foot Installed	DENSITY 0-5 Cost Adjustment	DENSITY 0-5 % Activity	DENSITY 0-5 % Assigned Telephone	DENSITY 0-5 Weighted Amount	DENSITY 6-100 Cost Adjustment	DENSITY 6-100 % Activity	DENSITY 6-100 % Assigned Telephone	DENSITY 6-100 Weighted Amount
Trench & Backfill	$ 6.23		5.00%	99.00%	$ 0.31	$ -	5.00%	99.00%	$ 0.31
Rocky Trench	$ 6.23		29.00%	99.00%	$ 1.79	$ -	37.00%	99.00%	$ 2.28
Backhoe Trench	$ 6.23		52.00%	99.00%	$ 3.21	$ -	45.00%	99.00%	$ 2.78
Hand Dig Trench	$ 6.23		5.00%	99.00%	$ 0.31	$ -	4.00%	99.00%	$ 0.25
Boring	$ 34.82		5.00%	99.00%	$ 1.72	$ -	3.00%	99.00%	$ 1.03
Cut & Restore Asphalt	$ 9.18		1.00%	99.00%	$ 0.09	$ -	2.00%	99.00%	$ 0.18
Cut & Restore Concrete	$ 12.12		1.00%	99.00%	$ 0.12	$ -	2.00%	99.00%	$ 0.24
Cut & Restore Sod	$ 7.99		2.00%	99.00%	$ 0.16	$ -	2.00%	99.00%	$ 0.16
			100.00%		$ 7.71		100.00%		$ 7.23

Soft Rock - Distribution Conduit

Activity	Base Cost Per Foot Installed	DENSITY 0-5 Cost Adjustment	DENSITY 0-5 % Activity	DENSITY 0-5 % Assigned Telephone	DENSITY 0-5 Weighted Amount	DENSITY 6-100 Cost Adjustment	DENSITY 6-100 % Activity	DENSITY 6-100 % Assigned Telephone	DENSITY 6-100 Weighted Amount
Trench & Backfill	$ 6.23	$ -	8.00%	99.00%	$ 0.49	$ -	8.00%	99.00%	$ 0.49
Rocky Trench	$ 6.23	$ -	46.00%	99.00%	$ 2.84	$ -	51.00%	99.00%	$ 3.15
Backhoe Trench	$ 6.23	$ -	32.00%	99.00%	$ 1.97	$ -	27.00%	99.00%	$ 1.67
Hand Dig Trench	$ 6.23	$ -	5.00%	99.00%	$ 0.31	$ -	5.00%	99.00%	$ 0.31
Boring	$ 34.82	$ -	5.00%	99.00%	$ 1.72	$ -	3.00%	99.00%	$ 1.03
Cut & Restore Asphalt	$ 9.18	$ -	1.00%	99.00%	$ 0.09	$ -	2.00%	99.00%	$ 0.18
Cut & Restore Concrete	$ 12.12	$ -	1.00%	99.00%	$ 0.12	$ -	2.00%	99.00%	$ 0.24
Cut & Restore Sod	$ 7.99	$ -	2.00%	99.00%	$ 0.16	$ -	2.00%	99.00%	$ 0.16
			100.00%		$ 7.71		100.00%		$ 7.23

Structure Inputs

Soft Rock Structure

Soft Rock - Feeder Conduit

Activity	Base Cost Per Foot Installed	DENSITY 101-200				DENSITY 201-650			
		Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Trench & Backfill	$ 6.23	$ -	5.00%	99.00%	$ 0.31	$ -	15.00%	99.00%	$ 0.93
Rocky Trench	$ 6.23	$ -	35.00%	99.00%	$ 2.16	$ -	33.00%	99.00%	$ 2.04
Backhoe Trench	$ 6.23	$ -	38.00%	99.00%	$ 2.34	$ -	20.00%	99.00%	$ 1.23
Hand Dig Trench	$ 6.23	$ -	4.00%	99.00%	$ 0.25	$ -	3.00%	99.00%	$ 0.19
Boring	$ 34.82	$ -	3.00%	99.00%	$ 1.03	$ -	4.00%	99.00%	$ 1.38
Cut & Restore Asphalt	$ 9.18	$ -	5.00%	99.00%	$ 0.45	$ -	8.00%	99.00%	$ 0.73
Cut & Restore Concrete	$ 12.12	$ -	4.00%	99.00%	$ 0.48	$ -	7.00%	99.00%	$ 0.84
Cut & Restore Sod	$ 7.99	$ -	6.00%	99.00%	$ 0.47	$ -	10.00%	99.00%	$ 0.79
			100.00%		$ 7.50		100.00%		$ 8.12

Soft Rock - Distribution Conduit

Activity	Base Cost Per Foot Installed	DENSITY 101-200				DENSITY 201-650			
		Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Trench & Backfill	$ 6.23	$ -	8.00%	99.00%	$ 0.49	$ -	15.00%	99.00%	$ 0.93
Rocky Trench	$ 6.23	$ -	48.00%	99.00%	$ 2.96	$ -	32.00%	99.00%	$ 1.97
Backhoe Trench	$ 6.23	$ -	21.00%	99.00%	$ 1.30	$ -	21.00%	99.00%	$ 1.30
Hand Dig Trench	$ 6.23	$ -	5.00%	99.00%	$ 0.31	$ -	3.00%	99.00%	$ 0.19
Boring	$ 34.82	$ -	3.00%	99.00%	$ 1.03	$ -	4.00%	99.00%	$ 1.38
Cut & Restore Asphalt	$ 9.18	$ -	5.00%	99.00%	$ 0.45	$ -	8.00%	99.00%	$ 0.73
Cut & Restore Concrete	$ 12.12	$ -	4.00%	99.00%	$ 0.48	$ -	7.00%	99.00%	$ 0.84
Cut & Restore Sod	$ 7.99	$ -	6.00%	99.00%	$ 0.47	$ -	10.00%	99.00%	$ 0.79
			100.00%		$ 7.50		100.00%		$ 8.12

Structure Inputs

Soft Rock Structure

Soft Rock - Feeder Conduit

Activity	Base Cost Per Foot Installed	DENSITY 651-850 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	DENSITY 851-2550 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Trench & Backfill	$ 6.23	$ -	9.00%	99.00%	$ 0.56	$ -	9.00%	99.00%	$ 0.56
Rocky Trench	$ 6.23	$ -	28.00%	99.00%	$ 1.73	$ -	28.00%	99.00%	$ 1.73
Backhoe Trench	$ 6.23	$ -	20.00%	99.00%	$ 1.23	$ -	20.00%	99.00%	$ 1.23
Hand Dig Trench	$ 6.23	$ -	6.00%	99.00%	$ 0.37	$ -	6.00%	99.00%	$ 0.37
Boring	$ 34.82	$ -	2.00%	99.00%	$ 0.69	$ -	2.00%	99.00%	$ 0.69
Cut & Restore Asphalt	$ 9.18	$ -	13.00%	99.00%	$ 1.18	$ -	13.00%	99.00%	$ 1.18
Cut & Restore Concrete	$ 12.12	$ -	12.00%	99.00%	$ 1.44	$ -	12.00%	99.00%	$ 1.44
Cut & Restore Sod	$ 7.99	$ -	10.00%	99.00%	$ 0.79	$ -	10.00%	99.00%	$ 0.79
			100.00%		$ 7.99		100.00%		$ 7.99

Soft Rock - Distribution Conduit

Activity	Base Cost Per Foot Installed	DENSITY 651-850 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	DENSITY 851-2550 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Trench & Backfill	$ 6.23	$ -	8.00%	99.00%	$ 0.49	$ -	8.00%	99.00%	$ 0.49
Rocky Trench	$ 6.23	$ -	30.00%	99.00%	$ 1.85	$ -	30.00%	99.00%	$ 1.85
Backhoe Trench	$ 6.23	$ -	9.00%	99.00%	$ 0.56	$ -	9.00%	99.00%	$ 0.56
Hand Dig Trench	$ 6.23	$ -	6.00%	99.00%	$ 0.37	$ -	6.00%	99.00%	$ 0.37
Boring	$ 34.82	$ -	2.00%	99.00%	$ 0.69	$ -	2.00%	99.00%	$ 0.69
Cut & Restore Asphalt	$ 9.18	$ -	13.00%	99.00%	$ 1.18	$ -	13.00%	99.00%	$ 1.18
Cut & Restore Concrete	$ 12.12	$ -	12.00%	99.00%	$ 1.44	$ -	12.00%	99.00%	$ 1.44
Cut & Restore Sod	$ 7.99	$ -	20.00%	99.00%	$ 1.58	$ -	20.00%	99.00%	$ 1.58
			100.00%		$ 8.16		100.00%		$ 8.16

Structure Inputs

Soft Rock Structure

Soft Rock - Feeder Conduit

Activity	Base Cost Per Foot Installed	DENSITY 2551-5000 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	DENSITY 5001-10000 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Trench & Backfill	$ 6.23	$ -	2.00%	99.00%	$ 0.12	$ -	2.00%	99.00%	$ 0.12
Rocky Trench	$ 6.23	$ -	5.00%	99.00%	$ 0.31	$ -	5.00%	99.00%	$ 0.31
Backhoe Trench	$ 6.23	$ -	18.00%	99.00%	$ 1.11	$ -	18.00%	99.00%	$ 1.11
Hand Dig Trench	$ 6.23	$ -	8.00%	99.00%	$ 0.49	$ -	8.00%	99.00%	$ 0.49
Boring	$ 34.82	$ -	15.00%	99.00%	$ 5.17	$ -	15.00%	99.00%	$ 5.17
Cut & Restore Asphalt	$ 9.18	$ -	25.00%	99.00%	$ 2.27	$ -	25.00%	99.00%	$ 2.27
Cut & Restore Concrete	$ 12.12	$ -	20.00%	99.00%	$ 2.40	$ -	20.00%	99.00%	$ 2.40
Cut & Restore Sod	$ 7.99	$ -	7.00%	99.00%	$ 0.55	$ -	7.00%	99.00%	$ 0.55
			100.00%		$ 12.43		100.00%		$ 12.43

Soft Rock - Distribution Conduit

Activity	Base Cost Per Foot Installed	DENSITY 2551-5000 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	DENSITY 5001-10000 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Trench & Backfill	$ 6.23	$ -	2.00%	99.00%	$ 0.12	$ -	2.00%	99.00%	$ 0.12
Rocky Trench	$ 6.23	$ -	5.00%	99.00%	$ 0.31	$ -	5.00%	99.00%	$ 0.31
Backhoe Trench	$ 6.23	$ -	17.00%	99.00%	$ 1.05	$ -	17.00%	99.00%	$ 1.05
Hand Dig Trench	$ 6.23	$ -	8.00%	99.00%	$ 0.49	$ -	8.00%	99.00%	$ 0.49
Boring	$ 34.82	$ -	15.00%	99.00%	$ 5.17	$ -	15.00%	99.00%	$ 5.17
Cut & Restore Asphalt	$ 9.18	$ -	25.00%	99.00%	$ 2.27	$ -	25.00%	99.00%	$ 2.27
Cut & Restore Concrete	$ 12.12	$ -	20.00%	99.00%	$ 2.40	$ -	20.00%	99.00%	$ 2.40
Cut & Restore Sod	$ 7.99	$ -	8.00%	99.00%	$ 0.63	$ -	8.00%	99.00%	$ 0.63
			100.00%		$ 12.45		100.00%		$ 12.45

Structure Inputs

Soft Rock Structure

Soft Rock - Feeder Conduit

Activity	Base Cost Per Foot Installed	DENSITY >10001			
		Cost Adustment	% Activity	% Assigned Telephone	Weighted Amount
Trench & Backfill	$ 6.23	$ -	0.00%	99.00%	$ -
Rocky Trench	$ 6.23	$ -	6.00%	99.00%	$ 0.37
Backhoe Trench	$ 6.23	$ -	12.00%	99.00%	$ 0.74
Hand Dig Trench	$ 6.23	$ -	8.00%	99.00%	$ 0.49
Boring	$ 34.82	$ -	10.00%	99.00%	$ 3.45
Cut & Restore Asphalt	$ 9.18	$ -	33.00%	99.00%	$ 3.00
Cut & Restore Concrete	$ 12.12	$ -	28.00%	99.00%	$ 3.36
Cut & Restore Sod	$ 7.99	$ -	3.00%	99.00%	$ 0.24
			100.00%		$ 11.65

Soft Rock - Distribution Conduit

Activity	Base Cost Per Foot Installed	DENSITY >10001			
		Cost Adustment	% Activity	% Assigned Telephone	Weighted Amount
Trench & Backfill	$ 6.23	$ -	0.00%	99.00%	$ -
Rocky Trench	$ 6.23	$ -	6.00%	99.00%	$ 0.37
Backhoe Trench	$ 6.23	$ -	12.00%	99.00%	$ 0.74
Hand Dig Trench	$ 6.23	$ -	8.00%	99.00%	$ 0.49
Boring	$ 34.82	$ -	10.00%	99.00%	$ 3.45
Cut & Restore Asphalt	$ 9.18	$ -	33.00%	99.00%	$ 3.00
Cut & Restore Concrete	$ 12.12	$ -	28.00%	99.00%	$ 3.36
Cut & Restore Sod	$ 7.99	$ -	3.00%	99.00%	$ 0.24
			100.00%		$ 11.65

000039

Structure Inputs

Soft Rock - Buried Feeder Cable

Activity	Base Cost Per Foot Installed	DENSITY 0-5 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	DENSITY 6-100 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Plow	$ 2.79		44.00%	99.00%	$ 1.22	$ -	35.00%	99.00%	$ 0.97
Rocky Plow	$ 2.79		34.00%	99.00%	$ 0.94	$ -	28.00%	99.00%	$ 0.77
Trench & Backfill	$ 2.79		5.00%	99.00%	$ 0.14	$ -	10.00%	99.00%	$ 0.28
Rocky Trench	$ 2.79		5.00%	99.00%	$ 0.14	$ -	5.00%	99.00%	$ 0.14
Backhoe Trench	$ 2.79		2.00%	99.00%	$ 0.06	$ -	12.00%	99.00%	$ 0.33
Hand Dig Trench	$ 2.79		3.00%	99.00%	$ 0.08	$ -	3.00%	99.00%	$ 0.08
Bore Cable	$ 16.90		1.00%	99.00%	$ 0.17	$ -	1.00%	99.00%	$ 0.17
Push Pipe & Pull Cable	$ 19.53		2.00%	99.00%	$ 0.39	$ -	0.00%	99.00%	$ -
Cut & Restore Asphalt	$ 5.66		1.00%	99.00%	$ 0.06	$ -	2.00%	99.00%	$ 0.11
Cut & Restore Concrete	$ 8.51		1.00%	99.00%	$ 0.08	$ -	2.00%	99.00%	$ 0.17
Cut & Restore Sod	$ 4.50		2.00%	99.00%	$ 0.09	$ -	2.00%	99.00%	$ 0.09
			100.00%		$ 3.36		100.00%		$ 3.11

Soft Rock - Buried Distribution Cable

Activity	Base Cost Per Foot Installed	DENSITY 0-5 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	DENSITY 6-100 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Plow	$ 2.79	$ -	47.00%	50.00%	$ 0.66	$ -	46.00%	50.00%	$ 0.64
Rocky Plow	$ 2.79	$ -	29.00%	50.00%	$ 0.41	$ -	28.00%	50.00%	$ 0.39
Trench & Backfill	$ 2.79	$ -	5.00%	50.00%	$ 0.07	$ -	10.00%	50.00%	$ 0.14
Rocky Trench	$ 2.79	$ -	4.00%	50.00%	$ 0.06	$ -	4.00%	50.00%	$ 0.06
Backhoe Trench	$ 2.79	$ -	2.00%	50.00%	$ 0.03	$ -	2.00%	50.00%	$ 0.03
Hand Dig Trench	$ 2.79	$ -	3.00%	50.00%	$ 0.04	$ -	3.00%	50.00%	$ 0.04
Bore Cable	$ 16.90	$ -	1.00%	50.00%	$ 0.08	$ -	1.00%	50.00%	$ 0.08
Push Pipe & Pull Cable	$ 19.53	$ -	5.00%	50.00%	$ 0.49	$ -	0.00%	50.00%	$ -
Cut & Restore Asphalt	$ 5.66	$ -	1.00%	50.00%	$ 0.03	$ -	2.00%	50.00%	$ 0.06
Cut & Restore Concrete	$ 8.51	$ -	1.00%	50.00%	$ 0.04	$ -	2.00%	50.00%	$ 0.09
Cut & Restore Sod	$ 4.50	$ -	2.00%	50.00%	$ 0.04	$ -	2.00%	50.00%	$ 0.04
			100.00%		$ 1.95		100.00%		$ 1.57

Structure Inputs

Soft Rock - Buried Feeder Cable

Activity	Base Cost Per Foot Installed	DENSITY 101-200 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	DENSITY 201-650 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Plow	$ 2.79	$ -	20.00%	99.00%	$ 0.55	$ -	5.00%	99.00%	$ 0.14
Rocky Plow	$ 2.79	$ -	30.00%	99.00%	$ 0.83	$ -	13.00%	99.00%	$ 0.36
Trench & Backfill	$ 2.79	$ -	10.00%	99.00%	$ 0.28	$ -	5.00%	99.00%	$ 0.14
Rocky Trench	$ 2.79	$ -	8.00%	99.00%	$ 0.22	$ -	25.00%	99.00%	$ 0.69
Backhoe Trench	$ 2.79	$ -	10.00%	99.00%	$ 0.28	$ -	15.00%	99.00%	$ 0.41
Hand Dig Trench	$ 2.79	$ -	5.00%	99.00%	$ 0.14	$ -	3.00%	99.00%	$ 0.08
Bore Cable	$ 16.90	$ -	1.00%	99.00%	$ 0.17	$ -	4.00%	99.00%	$ 0.67
Push Pipe & Pull Cable	$ 19.53	$ -	1.00%	99.00%	$ 0.19	$ -	5.00%	99.00%	$ 0.97
Cut & Restore Asphalt	$ 5.66	$ -	5.00%	99.00%	$ 0.28	$ -	8.00%	99.00%	$ 0.45
Cut & Restore Concrete	$ 8.51	$ -	4.00%	99.00%	$ 0.34	$ -	7.00%	99.00%	$ 0.59
Cut & Restore Sod	$ 4.50	$ -	6.00%	99.00%	$ 0.27	$ -	10.00%	99.00%	$ 0.45
			100.00%		$ 3.54		100.00%		$ 4.94

Soft Rock - Buried Distribution Cable

Activity	Base Cost Per Foot Installed	DENSITY 101-200 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	DENSITY 201-650 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Plow	$ 2.79	$ -	29.00%	50.00%	$ 0.41	$ -	3.00%	50.00%	$ 0.04
Rocky Plow	$ 2.79	$ -	30.00%	50.00%	$ 0.42	$ -	12.00%	50.00%	$ 0.17
Trench & Backfill	$ 2.79	$ -	12.00%	50.00%	$ 0.17	$ -	5.00%	50.00%	$ 0.07
Rocky Trench	$ 2.79	$ -	8.00%	50.00%	$ 0.11	$ -	27.00%	50.00%	$ 0.38
Backhoe Trench	$ 2.79	$ -	2.00%	50.00%	$ 0.03	$ -	16.00%	50.00%	$ 0.22
Hand Dig Trench	$ 2.79	$ -	2.00%	50.00%	$ 0.03	$ -	3.00%	50.00%	$ 0.04
Bore Cable	$ 16.90	$ -	1.00%	50.00%	$ 0.08	$ -	4.00%	50.00%	$ 0.34
Push Pipe & Pull Cable	$ 19.53	$ -	1.00%	50.00%	$ 0.10	$ -	5.00%	50.00%	$ 0.49
Cut & Restore Asphalt	$ 5.66	$ -	5.00%	50.00%	$ 0.14	$ -	8.00%	50.00%	$ 0.23
Cut & Restore Concrete	$ 8.51	$ -	4.00%	50.00%	$ 0.17	$ -	7.00%	50.00%	$ 0.30
Cut & Restore Sod	$ 4.50	$ -	6.00%	50.00%	$ 0.13	$ -	10.00%	50.00%	$ 0.22
			100.00%		$ 1.79		100.00%		$ 2.50

Structure Inputs

Soft Rock - Buried Feeder Cable

Activity	Base Cost Per Foot Installed	DENSITY 651-850 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	DENSITY 851-2550 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Plow	$ 2.79	$ -	3.00%	99.00%	$ 0.08	$ -	3.00%	99.00%	$ 0.08
Rocky Plow	$ 2.79	$ -	3.00%	99.00%	$ 0.08	$ -	3.00%	99.00%	$ 0.08
Trench & Backfill	$ 2.79	$ -	15.00%	99.00%	$ 0.41	$ -	15.00%	99.00%	$ 0.41
Rocky Trench	$ 2.79	$ -	25.00%	99.00%	$ 0.69	$ -	25.00%	99.00%	$ 0.69
Backhoe Trench	$ 2.79	$ -	6.00%	99.00%	$ 0.17	$ -	6.00%	99.00%	$ 0.17
Hand Dig Trench	$ 2.79	$ -	6.00%	99.00%	$ 0.17	$ -	6.00%	99.00%	$ 0.17
Bore Cable	$ 16.90	$ -	2.00%	99.00%	$ 0.33	$ -	2.00%	99.00%	$ 0.33
Push Pipe & Pull Cable	$ 19.53	$ -	5.00%	99.00%	$ 0.97	$ -	5.00%	99.00%	$ 0.97
Cut & Restore Asphalt	$ 5.66	$ -	13.00%	99.00%	$ 0.73	$ -	13.00%	99.00%	$ 0.73
Cut & Restore Concrete	$ 8.51	$ -	12.00%	99.00%	$ 1.01	$ -	12.00%	99.00%	$ 1.01
Cut & Restore Sod	$ 4.50	$ -	10.00%	99.00%	$ 0.45	$ -	10.00%	99.00%	$ 0.45
			100.00%		$ 5.09		100.00%		$ 5.09

Soft Rock - Buried Distribution Cable

Activity	Base Cost Per Foot Installed	DENSITY 651-850 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	DENSITY 851-2550 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Plow	$ 2.79	$ -	2.00%	50.00%	$ 0.03	$ -	2.00%	50.00%	$ 0.03
Rocky Plow	$ 2.79	$ -	2.00%	50.00%	$ 0.03	$ -	2.00%	50.00%	$ 0.03
Trench & Backfill	$ 2.79	$ -	5.00%	50.00%	$ 0.07	$ -	5.00%	50.00%	$ 0.07
Rocky Trench	$ 2.79	$ -	25.00%	50.00%	$ 0.35	$ -	25.00%	50.00%	$ 0.35
Backhoe Trench	$ 2.79	$ -	8.00%	50.00%	$ 0.11	$ -	8.00%	50.00%	$ 0.11
Hand Dig Trench	$ 2.79	$ -	6.00%	50.00%	$ 0.08	$ -	6.00%	50.00%	$ 0.08
Bore Cable	$ 16.90	$ -	2.00%	50.00%	$ 0.17	$ -	2.00%	50.00%	$ 0.17
Push Pipe & Pull Cable	$ 19.53	$ -	5.00%	50.00%	$ 0.49	$ -	5.00%	50.00%	$ 0.49
Cut & Restore Asphalt	$ 5.66	$ -	13.00%	50.00%	$ 0.37	$ -	13.00%	50.00%	$ 0.37
Cut & Restore Concrete	$ 8.51	$ -	12.00%	50.00%	$ 0.51	$ -	12.00%	50.00%	$ 0.51
Cut & Restore Sod	$ 4.50	$ -	20.00%	50.00%	$ 0.45	$ -	20.00%	50.00%	$ 0.45
			100.00%		$ 2.66		100.00%		$ 2.66

Structure Inputs

Soft Rock - Buried Feeder Cable

Activity	Base Cost Per Foot Installed	DENSITY 2551-5000				DENSITY 5001-10000			
		Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Plow	$ 2.79	$ -	0.00%	99.00%	$ -	$ -	0.00%	99.00%	$ -
Rocky Plow	$ 2.79	$ -	0.00%	99.00%	$ -	$ -	0.00%	99.00%	$ -
Trench & Backfill	$ 2.79	$ -	2.00%	99.00%	$ 0.06	$ -	2.00%	99.00%	$ 0.06
Rocky Trench	$ 2.79	$ -	5.00%	99.00%	$ 0.14	$ -	5.00%	99.00%	$ 0.14
Backhoe Trench	$ 2.79	$ -	18.00%	99.00%	$ 0.50	$ -	18.00%	99.00%	$ 0.50
Hand Dig Trench	$ 2.79	$ -	8.00%	99.00%	$ 0.22	$ -	8.00%	99.00%	$ 0.22
Bore Cable	$ 16.90	$ -	15.00%	99.00%	$ 2.51	$ -	15.00%	99.00%	$ 2.51
Push Pipe & Pull Cable	$ 19.53	$ -	0.00%	99.00%	$ -	$ -	0.00%	99.00%	$ -
Cut & Restore Asphalt	$ 5.66	$ -	25.00%	99.00%	$ 1.40	$ -	25.00%	99.00%	$ 1.40
Cut & Restore Concrete	$ 8.51	$ -	20.00%	99.00%	$ 1.69	$ -	20.00%	99.00%	$ 1.69
Cut & Restore Sod	$ 4.50	$ -	7.00%	99.00%	$ 0.31	$ -	7.00%	99.00%	$ 0.31
			100.00%		$ 6.82		100.00%		$ 6.82

Soft Rock - Buried Distribution Cable

Activity	Base Cost Per Foot Installed	DENSITY 2551-5000				DENSITY 5001-10000			
		Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Plow	$ 2.79	$ -	0.00%	50.00%	$ -	$ -	0.00%	50.00%	$ -
Rocky Plow	$ 2.79	$ -	0.00%	50.00%	$ -	$ -	0.00%	50.00%	$ -
Trench & Backfill	$ 2.79	$ -	2.00%	50.00%	$ 0.03	$ -	2.00%	50.00%	$ 0.03
Rocky Trench	$ 2.79	$ -	5.00%	50.00%	$ 0.07	$ -	5.00%	50.00%	$ 0.07
Backhoe Trench	$ 2.79	$ -	17.00%	50.00%	$ 0.24	$ -	17.00%	50.00%	$ 0.24
Hand Dig Trench	$ 2.79	$ -	8.00%	50.00%	$ 0.11	$ -	8.00%	50.00%	$ 0.11
Bore Cable	$ 16.90	$ -	15.00%	50.00%	$ 1.27	$ -	15.00%	50.00%	$ 1.27
Push Pipe & Pull Cable	$ 19.53	$ -	0.00%	50.00%	$ -	$ -	0.00%	50.00%	$ -
Cut & Restore Asphalt	$ 5.66	$ -	25.00%	50.00%	$ 0.71	$ -	25.00%	50.00%	$ 0.71
Cut & Restore Concrete	$ 8.51	$ -	20.00%	50.00%	$ 0.85	$ -	20.00%	50.00%	$ 0.85
Cut & Restore Sod	$ 4.50	$ -	8.00%	50.00%	$ 0.18	$ -	8.00%	50.00%	$ 0.18
			100.00%		$ 3.45		100.00%		$ 3.45

Structure Inputs

Soft Rock - Buried Feeder Cable

Activity	Base Cost Per Foot Installed	DENSITY >10001			
		Cost Adustment	% Activity	% Assigned Telephone	Weighted Amount
Plow	$ 2.79	$ -	0.00%	99.00%	$ -
Rocky Plow	$ 2.79	$ -	0.00%	99.00%	$ -
Trench & Backfill	$ 2.79	$ -	0.00%	99.00%	$ -
Rocky Trench	$ 2.79	$ -	6.00%	99.00%	$ 0.17
Backhoe Trench	$ 2.79	$ -	12.00%	99.00%	$ 0.33
Hand Dig Trench	$ 2.79	$ -	8.00%	99.00%	$ 0.22
Bore Cable	$ 16.90	$ -	10.00%	99.00%	$ 1.67
Push Pipe & Pull Cable	$ 19.53	$ -	0.00%	99.00%	$ -
Cut & Restore Asphalt	$ 5.66	$ -	33.00%	99.00%	$ 1.85
Cut & Restore Concrete	$ 8.51	$ -	28.00%	99.00%	$ 2.36
Cut & Restore Sod	$ 4.50	$ -	3.00%	99.00%	$ 0.13
			100.00%		$ 6.73

Soft Rock - Buried Distribution Cable

Activity	Base Cost Per Foot Installed	DENSITY >10001			
		Cost Adustment	% Activity	% Assigned Telephone	Weighted Amount
Plow	$ 2.79	$ -	0.00%	50.00%	$ -
Rocky Plow	$ 2.79	$ -	0.00%	50.00%	$ -
Trench & Backfill	$ 2.79	$ -	0.00%	50.00%	$ -
Rocky Trench	$ 2.79	$ -	6.00%	50.00%	$ 0.08
Backhoe Trench	$ 2.79	$ -	12.00%	50.00%	$ 0.17
Hand Dig Trench	$ 2.79	$ -	8.00%	50.00%	$ 0.11
Bore Cable	$ 16.90	$ -	10.00%	50.00%	$ 0.85
Push Pipe & Pull Cable	$ 19.53	$ -	0.00%	50.00%	$ -
Cut & Restore Asphalt	$ 5.66	$ -	33.00%	50.00%	$ 0.93
Cut & Restore Concrete	$ 8.51	$ -	28.00%	50.00%	$ 1.19
Cut & Restore Sod	$ 4.50	$ -	3.00%	50.00%	$ 0.07
			100.00%		$ 3.40

Structure Inputs

Soft Rock - Aerial Feeder Cable

Activity	Base Cost Per Unit	DENSITY 0-5 Cost Adjustment	DENSITY 0-5 Installation Cost	DENSITY 0-5 % Assigned Telephone	DENSITY 0-5 Weighted Amount	DENSITY 6-100 Cost Adjustment	DENSITY 6-100 Installation Cost	DENSITY 6-100 % Assigned Telephone	DENSITY 6-100 Weighted Amount
Poles	$ 201.00		$ 432.00	25.00%	$ 158.25		$ 432.00	25.00%	$ 158.25
Anchors and Guys	$ -		$ -	0.00%	$ -		$ -	0.00%	$ -
					$ 158.25				$ 158.25

Soft Rock - Aerial Distribution Cable

Activity	Base Cost Per Unit	DENSITY 0-5 Cost Adjustment	DENSITY 0-5 Installation Cost	DENSITY 0-5 % Assigned Telephone	DENSITY 0-5 Weighted Amount	DENSITY 6-100 Cost Adjustment	DENSITY 6-100 Installation Cost	DENSITY 6-100 % Assigned Telephone	DENSITY 6-100 Weighted Amount
Poles	$ 201.00	$ -	$ 432.00	25.00%	$ 158.25	$ -	$ 432.00	25.00%	$ 158.25
Anchors and Guys	$ -	$ -	$ -	0.00%	$ -	$ -	$ -	0.00%	$ -
					$ 158.25				$ 158.25

980000

Structure Inputs

Soft Rock - Aerial Feeder Cable

Activity	Base Cost Per Unit	DENSITY 101-200				DENSITY 201-650			
		Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount	Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount
Poles	$ 201.00		$ 432.00	25.00%	$ 158.25		$ 432.00	25.00%	$ 158.25
Anchors and Guys	$ -		$ -	0.00%	$ -		$ -	0.00%	$ -
					$ 158.25				$ 158.25

Soft Rock - Aerial Distribution Cable

Activity	Base Cost Per Unit	DENSITY 101-200				DENSITY 201-650			
		Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount	Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount
Poles	$ 201.00	$ -	$ 432.00	25.00%	$ 158.25	$ -	$ 432.00	25.00%	$ 158.25
Anchors and Guys	$ -	$ -	$ -	0.00%	$ -	$ -	$ -	0.00%	$ -
					$ 158.25				$ 158.25

000057

Structure Inputs

Soft Rock - Aerial Feeder Cable

Activity	Base Cost Per Unit	DENSITY 651-850				DENSITY 851-2550			
		Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount	Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount
Poles	$ 201.00		$ 432.00	25.00%	$ 158.25		$ 432.00	25.00%	$ 158.25
Anchors and Guys	$ -		$ -	0.00%	$ -		$ -	0.00%	$ -
					$ 158.25				$ 158.25

Soft Rock - Aerial Distribution Cable

Activity	Base Cost Per Unit	DENSITY 651-850				DENSITY 851-2550			
		Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount	Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount
Poles	$ 201.00	$ -	$ 432.00	25.00%	$ 158.25	$ -	$ 432.00	25.00%	$ 158.25
Anchors and Guys	$ -	$ -	$ -	0.00%	$ -	$ -	$ -	0.00%	$ -
					$ 158.25				$ 158.25

880000

Structure Inputs

Soft Rock - Aerial Feeder Cable

Activity	Base Cost Per Unit	DENSITY 2551-5000 Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount	DENSITY 5001-10000 Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount
Poles	$ 201.00		$ 432.00	25.00%	$ 158.25		$ 432.00	25.00%	$ 158.25
Anchors and Guys	$ -		$ -	0.00%	$ -		$ -	0.00%	$ -
					$ 158.25				$ 158.25

Soft Rock - Aerial Distribution Cable

Activity	Base Cost Per Unit	DENSITY 2551-5000 Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount	DENSITY 5001-10000 Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount
Poles	$ 201.00	$ -	$ 432.00	25.00%	$ 158.25	$ -	$ 432.00	25.00%	$ 158.25
Anchors and Guys	$ -	$ -	$ -	0.00%	$ -	$ -	$ -	0.00%	$ -
					$ 158.25				$ 158.25

000089

Structure Inputs

Soft Rock - Aerial Feeder Cable

Activity	Base Cost Per Unit	DENSITY >10001			
		Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount
Poles	$ 201.00		$ 432.00	25.00%	$ 158.25
Anchors and Guys	$ -		$ -	0.00%	$ -
					$ 158.25

Soft Rock - Aerial Distribution Cable

Activity	Base Cost Per Unit	DENSITY >10001			
		Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount
Poles	$ 201.00	$ -	$ 432.00	25.00%	$ 158.25
Anchors and Guys	$ -	$ -	$ -	0.00%	$ -
					$ 158.25

000030

Structure Inputs

Hard Rock Structure

Hard Rock - Feeder Conduit

Activity	Base Cost Per Foot Installed	DENSITY 0-5 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	DENSITY 6-100 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Trench & Backfill	$ 30.41		0.00%	99.00%	$ -	$ -	0%	99%	$ -
Rocky Trench	$ 30.41		55.00%	99.00%	$ 16.56	$ -	55%	99%	$ 16.56
Backhoe Trench	$ 30.41		34.00%	99.00%	$ 10.24	$ -	32%	99%	$ 9.63
Hand Dig Trench	$ 30.41		5.00%	99.00%	$ 1.51	$ -	4%	99%	$ 1.20
Boring	$ 34.82		2.00%	99.00%	$ 0.69	$ -	3%	99%	$ 1.03
Cut & Restore Asphalt	$ 33.36		1.00%	99.00%	$ 0.33	$ -	2%	99%	$ 0.66
Cut & Restore Concrete	$ 36.30		1.00%	99.00%	$ 0.36	$ -	2%	99%	$ 0.72
Cut & Restore Sod	$ 32.16		2.00%	99.00%	$ 0.64	$ -	2%	99%	$ 0.64
			100.00%		$ 30.31		100.00%		$ 30.45

Hard Rock - Distribution Conduit

Activity	Base Cost Per Foot Installed	DENSITY 0-5 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	DENSITY 6-100 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Trench & Backfill	$ 30.41	$ -	0.00%	99.00%	$ -	$ -	0%	99%	$ -
Rocky Trench	$ 30.41	$ -	50.00%	99.00%	$ 15.05	$ -	50%	99%	$ 15.05
Backhoe Trench	$ 30.41	$ -	39.00%	99.00%	$ 11.74	$ -	37%	99%	$ 11.14
Hand Dig Trench	$ 30.41	$ -	5.00%	99.00%	$ 1.51	$ -	5%	99%	$ 1.51
Boring	$ 34.82	$ -	2.00%	99.00%	$ 0.69	$ -	2%	99%	$ 0.69
Cut & Restore Asphalt	$ 33.36	$ -	1.00%	99.00%	$ 0.33	$ -	2%	99%	$ 0.66
Cut & Restore Concrete	$ 36.30	$ -	1.00%	99.00%	$ 0.36	$ -	2%	99%	$ 0.72
Cut & Restore Sod	$ 32.16	$ -	2.00%	99.00%	$ 0.64	$ -	2%	99%	$ 0.64
			100.00%		$ 30.31		100.00%		$ 30.40

Structure Inputs

Hard Rock Structure

Hard Rock - Feeder Conduit

Activity	Base Cost Per Foot Installed	DENSITY 101-200 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	DENSITY 201-650 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Trench & Backfill	$ 30.41	$ -	0.00%	99.00%	$ -	$ -	0.00%	99.00%	$ -
Rocky Trench	$ 30.41	$ -	53.00%	99.00%	$ 15.96	$ -	50.00%	99.00%	$ 15.05
Backhoe Trench	$ 30.41	$ -	25.00%	99.00%	$ 7.53	$ -	18.00%	99.00%	$ 5.42
Hand Dig Trench	$ 30.41	$ -	4.00%	99.00%	$ 1.20	$ -	3.00%	99.00%	$ 0.90
Boring	$ 34.82	$ -	3.00%	99.00%	$ 1.03	$ -	4.00%	99.00%	$ 1.38
Cut & Restore Asphalt	$ 33.36	$ -	5.00%	99.00%	$ 1.65	$ -	8.00%	99.00%	$ 2.64
Cut & Restore Concrete	$ 36.30	$ -	4.00%	99.00%	$ 1.44	$ -	7.00%	99.00%	$ 2.52
Cut & Restore Sod	$ 32.16	$ -	6.00%	99.00%	$ 1.91	$ -	10.00%	99.00%	$ 3.18
			100.00%		$ 30.72		100.00%		$ 31.10

Hard Rock - Distribution Conduit

Activity	Base Cost Per Foot Installed	DENSITY 101-200 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	DENSITY 201-650 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Trench & Backfill	$ 30.41	$ -	0.00%	99.00%	$ -	$ -	0.00%	99.00%	$ -
Rocky Trench	$ 30.41	$ -	47.00%	99.00%	$ 14.15	$ -	50.00%	99.00%	$ 15.05
Backhoe Trench	$ 30.41	$ -	31.00%	99.00%	$ 9.33	$ -	18.00%	99.00%	$ 5.42
Hand Dig Trench	$ 30.41	$ -	5.00%	99.00%	$ 1.51	$ -	3.00%	99.00%	$ 0.90
Boring	$ 34.82	$ -	2.00%	99.00%	$ 0.69	$ -	4.00%	99.00%	$ 1.38
Cut & Restore Asphalt	$ 33.36	$ -	5.00%	99.00%	$ 1.65	$ -	8.00%	99.00%	$ 2.64
Cut & Restore Concrete	$ 36.30	$ -	4.00%	99.00%	$ 1.44	$ -	7.00%	99.00%	$ 2.52
Cut & Restore Sod	$ 32.16	$ -	6.00%	99.00%	$ 1.91	$ -	10.00%	99.00%	$ 3.18
			100.00%		$ 30.68		100.00%		$ 31.10

Structure Inputs

Hard Rock Structure

Hard Rock - Feeder Conduit

Activity	Base Cost Per Foot Installed	DENSITY 651-850 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	DENSITY 851-2550 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Trench & Backfill	$ 30.41	$ -	0.00%	99.00%	$ -	$ -	0.0%	99.0%	$ -
Rocky Trench	$ 30.41	$ -	45.00%	99.00%	$ 13.55	$ -	45.0%	99.0%	$ 13.55
Backhoe Trench	$ 30.41	$ -	12.00%	99.00%	$ 3.61	$ -	12.0%	99.0%	$ 3.61
Hand Dig Trench	$ 30.41	$ -	6.00%	99.00%	$ 1.81	$ -	6.0%	99.0%	$ 1.81
Boring	$ 34.82	$ -	2.00%	99.00%	$ 0.69	$ -	2.0%	99.0%	$ 0.69
Cut & Restore Asphalt	$ 33.36	$ -	13.00%	99.00%	$ 4.29	$ -	13.0%	99.0%	$ 4.29
Cut & Restore Concrete	$ 36.30	$ -	12.00%	99.00%	$ 4.31	$ -	12.0%	99.0%	$ 4.31
Cut & Restore Sod	$ 32.16	$ -	10.00%	99.00%	$ 3.18	$ -	10.0%	99.0%	$ 3.18
			100.00%		$ 31.45		100.00%		$ 31.45

Hard Rock - Distribution Conduit

Activity	Base Cost Per Foot Installed	DENSITY 651-850 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	DENSITY 851-2550 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Trench & Backfill	$ 30.41	$ -	5.00%	99.00%	$ 1.51	$ -	5.00%	99.00%	$ 1.51
Rocky Trench	$ 30.41	$ -	32.00%	99.00%	$ 9.63	$ -	32.00%	99.00%	$ 9.63
Backhoe Trench	$ 30.41	$ -	10.00%	99.00%	$ 3.01	$ -	10.00%	99.00%	$ 3.01
Hand Dig Trench	$ 30.41	$ -	6.00%	99.00%	$ 1.81	$ -	6.00%	99.00%	$ 1.81
Boring	$ 34.82	$ -	2.00%	99.00%	$ 0.69	$ -	2.00%	99.00%	$ 0.69
Cut & Restore Asphalt	$ 33.36	$ -	13.00%	99.00%	$ 4.29	$ -	13.00%	99.00%	$ 4.29
Cut & Restore Concrete	$ 36.30	$ -	12.00%	99.00%	$ 4.31	$ -	12.00%	99.00%	$ 4.31
Cut & Restore Sod	$ 32.16	$ -	20.00%	99.00%	$ 6.37	$ -	20.00%	99.00%	$ 6.37
			100.00%		$ 31.62		100.00%		$ 31.62

Structure Inputs

Hard Rock Structure

Hard Rock - Feeder Conduit

Activity	Base Cost Per Foot Installed	DENSITY 2551-5000 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	DENSITY 5001-10000 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Trench & Backfill	$ 30.41	$ -	0.00%	99.00%	$ -	$ -	0.00%	99.00%	$ -
Rocky Trench	$ 30.41	$ -	15.00%	99.00%	$ 4.52	$ -	15.00%	99.00%	$ 4.52
Backhoe Trench	$ 30.41	$ -	10.00%	99.00%	$ 3.01	$ -	10.00%	99.00%	$ 3.01
Hand Dig Trench	$ 30.41	$ -	8.00%	99.00%	$ 2.41	$ -	8.00%	99.00%	$ 2.41
Boring	$ 34.82	$ -	15.00%	99.00%	$ 5.17	$ -	15.00%	99.00%	$ 5.17
Cut & Restore Asphalt	$ 33.36	$ -	25.00%	99.00%	$ 8.26	$ -	25.00%	99.00%	$ 8.26
Cut & Restore Concrete	$ 36.30	$ -	20.00%	99.00%	$ 7.19	$ -	20.00%	99.00%	$ 7.19
Cut & Restore Sod	$ 32.16	$ -	7.00%	99.00%	$ 2.23	$ -	7.00%	99.00%	$ 2.23
			100.00%		$ 32.78		100.00%		$ 32.78

Hard Rock - Distribution Conduit

Activity	Base Cost Per Foot Installed	DENSITY 2551-5000 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	DENSITY 5001-10000 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Trench & Backfill	$ 30.41	$ -	0.00%	99.00%	$ -	$ -	0.00%	99.00%	$ -
Rocky Trench	$ 30.41	$ -	14.00%	99.00%	$ 4.21	$ -	14.00%	99.00%	$ 4.21
Backhoe Trench	$ 30.41	$ -	10.00%	99.00%	$ 3.01	$ -	10.00%	99.00%	$ 3.01
Hand Dig Trench	$ 30.41	$ -	8.00%	99.00%	$ 2.41	$ -	8.00%	99.00%	$ 2.41
Boring	$ 34.82	$ -	15.00%	99.00%	$ 5.17	$ -	15.00%	99.00%	$ 5.17
Cut & Restore Asphalt	$ 33.36	$ -	25.00%	99.00%	$ 8.26	$ -	25.00%	99.00%	$ 8.26
Cut & Restore Concrete	$ 36.30	$ -	20.00%	99.00%	$ 7.19	$ -	20.00%	99.00%	$ 7.19
Cut & Restore Sod	$ 32.16	$ -	8.00%	99.00%	$ 2.55	$ -	8.00%	99.00%	$ 2.55
			100.00%		$ 32.80		100.00%		$ 32.80

Structure Inputs

Hard Rock Structure

Hard Rock - Feeder Conduit

Activity	Base Cost Per Foot Installed	DENSITY >10001			
		Cost Adustment	% Activity	% Assigned Telephone	Weighted Amount
Trench & Backfill	$ 30.41	$ -	0.00%	99.00%	$ -
Rocky Trench	$ 30.41	$ -	10.00%	99.00%	$ 3.01
Backhoe Trench	$ 30.41	$ -	8.00%	99.00%	$ 2.41
Hand Dig Trench	$ 30.41	$ -	8.00%	99.00%	$ 2.41
Boring	$ 34.82	$ -	10.00%	99.00%	$ 3.45
Cut & Restore Asphalt	$ 33.36	$ -	33.00%	99.00%	$ 10.90
Cut & Restore Concrete	$ 36.30	$ -	28.00%	99.00%	$ 10.06
Cut & Restore Sod	$ 32.16	$ -	3.00%	99.00%	$ 0.96
			100.00%		$ 33.19

Hard Rock - Distribution Conduit

Activity	Base Cost Per Foot Installed	DENSITY >10001			
		Cost Adustment	% Activity	% Assigned Telephone	Weighted Amount
Trench & Backfill	$ 30.41	$ -	0.00%	99.00%	$ -
Rocky Trench	$ 30.41	$ -	10.00%	99.00%	$ 3.01
Backhoe Trench	$ 30.41	$ -	8.00%	99.00%	$ 2.41
Hand Dig Trench	$ 30.41	$ -	8.00%	99.00%	$ 2.41
Boring	$ 34.82	$ -	10.00%	99.00%	$ 3.45
Cut & Restore Asphalt	$ 33.36	$ -	33.00%	99.00%	$ 10.90
Cut & Restore Concrete	$ 36.30	$ -	28.00%	99.00%	$ 10.06
Cut & Restore Sod	$ 32.16	$ -	3.00%	99.00%	$ 0.96
			100.00%		$ 33.19

000095

Structure Inputs

Hard Rock - Buried Feeder Cable

Activity	Base Cost Per Foot Installed	DENSITY 0-5 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	DENSITY 6-100 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Plow	$ 2.79		0.00%	99.00%	$ -	$ -	0.00%	99.00%	$ -
Rocky Plow	$ 2.79		55.00%	99.00%	$ 1.52	$ -	48.00%	99.00%	$ 1.33
Trench & Backfill	$ 2.79		5.00%	99.00%	$ 0.14	$ -	10.00%	99.00%	$ 0.28
Rocky Trench	$ 2.79		29.00%	99.00%	$ 0.80	$ -	31.00%	99.00%	$ 0.86
Backhoe Trench	$ 2.79		4.00%	99.00%	$ 0.11	$ -	2.00%	99.00%	$ 0.06
Hand Dig Trench	$ 2.79		1.00%	99.00%	$ 0.03	$ -	1.00%	99.00%	$ 0.03
Bore Cable	$ 16.90		1.00%	99.00%	$ 0.17	$ -	1.00%	99.00%	$ 0.17
Push Pipe & Pull Cable	$ 19.53		1.00%	99.00%	$ 0.19	$ -	1.00%	99.00%	$ 0.19
Cut & Restore Asphalt	$ 5.66		1.00%	99.00%	$ 0.06	$ -	2.00%	99.00%	$ 0.11
Cut & Restore Concrete	$ 8.51		1.00%	99.00%	$ 0.08	$ -	2.00%	99.00%	$ 0.17
Cut & Restore Sod	$ 4.50		2.00%	99.00%	$ 0.09	$ -	2.00%	99.00%	$ 0.09
			100.00%		$ 3.19		100.00%		$ 3.27

Hard Rock - Buried Distribution Cable

Activity	Base Cost Per Foot Installed	DENSITY 0-5 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	DENSITY 6-100 Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Plow	$ 2.79	$ -	0.00%	50.00%	$ -	$ -	0.00%	50.00%	$ -
Rocky Plow	$ 2.79	$ -	48.00%	50.00%	$ 0.67	$ -	47.00%	50.00%	$ 0.66
Trench & Backfill	$ 2.79	$ -	5.00%	50.00%	$ 0.07	$ -	10.00%	50.00%	$ 0.14
Rocky Trench	$ 2.79	$ -	38.00%	50.00%	$ 0.53	$ -	29.00%	50.00%	$ 0.41
Backhoe Trench	$ 2.79	$ -	2.00%	50.00%	$ 0.03	$ -	5.00%	50.00%	$ 0.07
Hand Dig Trench	$ 2.79	$ -	1.00%	50.00%	$ 0.01	$ -	1.00%	50.00%	$ 0.01
Bore Cable	$ 16.90	$ -	1.00%	50.00%	$ 0.08	$ -	1.00%	50.00%	$ 0.08
Push Pipe & Pull Cable	$ 19.53	$ -	1.00%	50.00%	$ 0.10	$ -	1.00%	50.00%	$ 0.10
Cut & Restore Asphalt	$ 5.66	$ -	1.00%	50.00%	$ 0.03	$ -	2.00%	50.00%	$ 0.06
Cut & Restore Concrete	$ 8.51	$ -	1.00%	50.00%	$ 0.04	$ -	2.00%	50.00%	$ 0.09
Cut & Restore Sod	$ 4.50	$ -	2.00%	50.00%	$ 0.04	$ -	2.00%	50.00%	$ 0.04
			100.00%		$ 1.61		100.00%		$ 1.65

000095

Structure Inputs

Hard Rock - Buried Feeder Cable

Activity	Base Cost Per Foot Installed	DENSITY 101-200				DENSITY 201-650			
		Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Plow	$ 2.79	$ -	0.00%	99.00%	$ -	$ -	0.00%	99.00%	$ -
Rocky Plow	$ 2.79	$ -	45.00%	99.00%	$ 1.24	$ -	13.00%	99.00%	$ 0.36
Trench & Backfill	$ 2.79	$ -	3.00%	99.00%	$ 0.08	$ -	0.00%	99.00%	$ -
Rocky Trench	$ 2.79	$ -	28.00%	99.00%	$ 0.77	$ -	40.00%	99.00%	$ 1.11
Backhoe Trench	$ 2.79	$ -	2.00%	99.00%	$ 0.06	$ -	10.00%	99.00%	$ 0.28
Hand Dig Trench	$ 2.79	$ -	5.00%	99.00%	$ 0.14	$ -	3.00%	99.00%	$ 0.08
Bore Cable	$ 16.90	$ -	1.00%	99.00%	$ 0.17	$ -	4.00%	99.00%	$ 0.67
Push Pipe & Pull Cable	$ 19.53	$ -	1.00%	99.00%	$ 0.19	$ -	5.00%	99.00%	$ 0.97
Cut & Restore Asphalt	$ 5.66	$ -	5.00%	99.00%	$ 0.28	$ -	8.00%	99.00%	$ 0.45
Cut & Restore Concrete	$ 8.51	$ -	4.00%	99.00%	$ 0.34	$ -	7.00%	99.00%	$ 0.59
Cut & Restore Sod	$ 4.50	$ -	6.00%	99.00%	$ 0.27	$ -	10.00%	99.00%	$ 0.45
			100.00%		$ 3.54		100.00%		$ 4.94

Hard Rock - Buried Distribution Cable

Activity	Base Cost Per Foot Installed	DENSITY 101-200				DENSITY 201-650			
		Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Plow	$ 2.79	$ -	0.00%	50.00%	$ -	$ -	0.00%	50.00%	$ -
Rocky Plow	$ 2.79	$ -	40.00%	50.00%	$ 0.56	$ -	13.00%	50.00%	$ 0.18
Trench & Backfill	$ 2.79	$ -	7.00%	50.00%	$ 0.10	$ -	8.00%	50.00%	$ 0.11
Rocky Trench	$ 2.79	$ -	32.00%	50.00%	$ 0.45	$ -	30.00%	50.00%	$ 0.42
Backhoe Trench	$ 2.79	$ -	2.00%	50.00%	$ 0.03	$ -	12.00%	50.00%	$ 0.17
Hand Dig Trench	$ 2.79	$ -	2.00%	50.00%	$ 0.03	$ -	3.00%	50.00%	$ 0.04
Bore Cable	$ 16.90	$ -	1.00%	50.00%	$ 0.08	$ -	4.00%	50.00%	$ 0.34
Push Pipe & Pull Cable	$ 19.53	$ -	1.00%	50.00%	$ 0.10	$ -	5.00%	50.00%	$ 0.49
Cut & Restore Asphalt	$ 5.66	$ -	5.00%	50.00%	$ 0.14	$ -	8.00%	50.00%	$ 0.23
Cut & Restore Concrete	$ 8.51	$ -	4.00%	50.00%	$ 0.17	$ -	7.00%	50.00%	$ 0.30
Cut & Restore Sod	$ 4.50	$ -	6.00%	50.00%	$ 0.13	$ -	10.00%	50.00%	$ 0.22
			100.00%		$ 1.79		100.00%		$ 2.50

Structure Inputs

Hard Rock - Buried Feeder Cable

Activity	Base Cost Per Foot Installed	DENSITY 651-850				DENSITY 851-2550			
		Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Plow	$ 2.79	$ -	0.00%	99.00%	$ -	$ -	0.00%	99.00%	$ -
Rocky Plow	$ 2.79	$ -	3.00%	99.00%	$ 0.08	$ -	3.00%	99.00%	$ 0.08
Trench & Backfill	$ 2.79	$ -	0.00%	99.00%	$ -	$ -	0.00%	99.00%	$ -
Rocky Trench	$ 2.79	$ -	35.00%	99.00%	$ 0.97	$ -	35.00%	99.00%	$ 0.97
Backhoe Trench	$ 2.79	$ -	14.00%	99.00%	$ 0.39	$ -	14.00%	99.00%	$ 0.39
Hand Dig Trench	$ 2.79	$ -	6.00%	99.00%	$ 0.17	$ -	6.00%	99.00%	$ 0.17
Bore Cable	$ 16.90	$ -	2.00%	99.00%	$ 0.33	$ -	2.00%	99.00%	$ 0.33
Push Pipe & Pull Cable	$ 19.53	$ -	5.00%	99.00%	$ 0.97	$ -	5.00%	99.00%	$ 0.97
Cut & Restore Asphalt	$ 5.66	$ -	13.00%	99.00%	$ 0.73	$ -	13.00%	99.00%	$ 0.73
Cut & Restore Concrete	$ 8.51	$ -	12.00%	99.00%	$ 1.01	$ -	12.00%	99.00%	$ 1.01
Cut & Restore Sod	$ 4.50	$ -	10.00%	99.00%	$ 0.45	$ -	10.00%	99.00%	$ 0.45
			100.00%		$ 5.09		100.00%		$ 5.09

Hard Rock - Buried Distribution Cable

Activity	Base Cost Per Foot Installed	DENSITY 651-850				DENSITY 851-2550			
		Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Plow	$ 2.79	$ -	0%	50.00%	$ -	$ -	0.00%	50.00%	$ -
Rocky Plow	$ 2.79	$ -	3.00%	50.00%	$ 0.04	$ -	3.00%	50.00%	$ 0.04
Trench & Backfill	$ 2.79	$ -	0.00%	50.00%	$ -	$ -	0.00%	50.00%	$ -
Rocky Trench	$ 2.79	$ -	27.00%	50.00%	$ 0.38	$ -	27.00%	50.00%	$ 0.38
Backhoe Trench	$ 2.79	$ -	12.00%	50.00%	$ 0.17	$ -	12.00%	50.00%	$ 0.17
Hand Dig Trench	$ 2.79	$ -	6.00%	50.00%	$ 0.08	$ -	6.00%	50.00%	$ 0.08
Bore Cable	$ 16.90	$ -	2.00%	50.00%	$ 0.17	$ -	2.00%	50.00%	$ 0.17
Push Pipe & Pull Cable	$ 19.53	$ -	5.00%	50.00%	$ 0.49	$ -	5.00%	50.00%	$ 0.49
Cut & Restore Asphalt	$ 5.66	$ -	13.00%	50.00%	$ 0.37	$ -	13.00%	50.00%	$ 0.37
Cut & Restore Concrete	$ 8.51	$ -	12.00%	50.00%	$ 0.51	$ -	12.00%	50.00%	$ 0.51
Cut & Restore Sod	$ 4.50	$ -	20.00%	50.00%	$ 0.45	$ -	20.00%	50.00%	$ 0.45
				550.00%	$ 2.66		100.00%		$ 2.66

Structure Inputs

Hard Rock - Buried Feeder Cable

Activity	Base Cost Per Foot Installed	DENSITY 2551-5000				DENSITY 5001-10000			
		Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Plow	$ 2.79	$ -	0.00%	99.00%	$ -	$ -	0.00%	99.00%	$ -
Rocky Plow	$ 2.79	$ -	0.00%	99.00%	$ -	$ -	0.00%	99.00%	$ -
Trench & Backfill	$ 2.79	$ -	0.00%	99.00%	$ -	$ -	0.00%	99.00%	$ -
Rocky Trench	$ 2.79	$ -	15.00%	99.00%	$ 0.41	$ -	15.00%	99.00%	$ 0.41
Backhoe Trench	$ 2.79	$ -	10.00%	99.00%	$ 0.28	$ -	10.00%	99.00%	$ 0.28
Hand Dig Trench	$ 2.79	$ -	8.00%	99.00%	$ 0.22	$ -	8.00%	99.00%	$ 0.22
Bore Cable	$ 16.90	$ -	15.00%	99.00%	$ 2.51	$ -	15.00%	99.00%	$ 2.51
Push Pipe & Pull Cable	$ 19.53	$ -	0.00%	99.00%	$ -	$ -	0.00%	99.00%	$ -
Cut & Restore Asphalt	$ 5.66	$ -	25.00%	99.00%	$ 1.40	$ -	25.00%	99.00%	$ 1.40
Cut & Restore Concrete	$ 8.51	$ -	20.00%	99.00%	$ 1.69	$ -	20.00%	99.00%	$ 1.69
Cut & Restore Sod	$ 4.50	$ -	7.00%	99.00%	$ 0.31	$ -	7.00%	99.00%	$ 0.31
			100.00%		$ 6.82		100.00%		$ 6.82

Hard Rock - Buried Distribution Cable

Activity	Base Cost Per Foot Installed	DENSITY 2551-5000				DENSITY 5001-10000			
		Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount	Cost Adjustment	% Activity	% Assigned Telephone	Weighted Amount
Plow	$ 2.79	$ -	0.00%	50.00%	$ -	$ -	0.00%	50.00%	$ -
Rocky Plow	$ 2.79	$ -	0.00%	50.00%	$ -	$ -	0.00%	50.00%	$ -
Trench & Backfill	$ 2.79	$ -	0.00%	50.00%	$ -	$ -	0.00%	50.00%	$ -
Rocky Trench	$ 2.79	$ -	14.00%	50.00%	$ 0.20	$ -	14.00%	50.00%	$ 0.20
Backhoe Trench	$ 2.79	$ -	10.00%	50.00%	$ 0.14	$ -	10.00%	50.00%	$ 0.14
Hand Dig Trench	$ 2.79	$ -	8.00%	50.00%	$ 0.11	$ -	8.00%	50.00%	$ 0.11
Bore Cable	$ 16.90	$ -	15.00%	50.00%	$ 1.27	$ -	15.00%	50.00%	$ 1.27
Push Pipe & Pull Cable	$ 19.53	$ -	0.00%	50.00%	$ -	$ -	0.00%	50.00%	$ -
Cut & Restore Asphalt	$ 5.66	$ -	25.00%	50.00%	$ 0.71	$ -	25.00%	50.00%	$ 0.71
Cut & Restore Concrete	$ 8.51	$ -	20.00%	50.00%	$ 0.85	$ -	20.00%	50.00%	$ 0.85
Cut & Restore Sod	$ 4.50	$ -	8.00%	50.00%	$ 0.18	$ -	8.00%	50.00%	$ 0.18
			100.00%		$ 3.45		100.00%		$ 3.45

000093

Structure Inputs

Hard Rock - Buried Feeder Cable

Activity	Base Cost Per Foot Installed	DENSITY >10001 Cost Adustment	% Activity	% Assigned Telephone	Weighted Amount
Plow	$ 2.79	$ -	0.00%	99.00%	$ -
Rocky Plow	$ 2.79	$ -	0.00%	99.00%	$ -
Trench & Backfill	$ 2.79	$ -	0.00%	99.00%	$ -
Rocky Trench	$ 2.79	$ -	10.00%	99.00%	$ 0.28
Backhoe Trench	$ 2.79	$ -	8.00%	99.00%	$ 0.22
Hand Dig Trench	$ 2.79	$ -	8.00%	99.00%	$ 0.22
Bore Cable	$ 16.90	$ -	10.00%	99.00%	$ 1.67
Push Pipe & Pull Cable	$ 19.53	$ -	0.00%	99.00%	$ -
Cut & Restore Asphalt	$ 5.66	$ -	33.00%	99.00%	$ 1.85
Cut & Restore Concrete	$ 8.51	$ -	28.00%	99.00%	$ 2.36
Cut & Restore Sod	$ 4.50	$ -	3.00%	99.00%	$ 0.13
			100.00%		$ 6.73

Hard Rock - Buried Distribution Cable

Activity	Base Cost Per Foot Installed	DENSITY >10001 Cost Adustment	% Activity	% Assigned Telephone	Weighted Amount
Plow	$ 2.79	$ -	0%	50.00%	$ -
Rocky Plow	$ 2.79	$ -	0.00%	50.00%	$ -
Trench & Backfill	$ 2.79	$ -	0.00%	50.00%	$ -
Rocky Trench	$ 2.79	$ -	10.00%	50.00%	$ 0.14
Backhoe Trench	$ 2.79	$ -	8.00%	50.00%	$ 0.11
Hand Dig Trench	$ 2.79	$ -	8.00%	50.00%	$ 0.11
Bore Cable	$ 16.90	$ -	10.00%	50.00%	$ 0.85
Push Pipe & Pull Cable	$ 19.53	$ -	0.00%	50.00%	$ -
Cut & Restore Asphalt	$ 5.66	$ -	33.00%	50.00%	$ 0.93
Cut & Restore Concrete	$ 8.51	$ -	28.00%	50.00%	$ 1.19
Cut & Restore Sod	$ 4.50	$ -	3.00%	50.00%	$ 0.07
			100.00%		$ 3.40

Structure Inputs

Hard Rock - Aerial Feeder Cable

Activity	Base Cost Per Unit	DENSITY 0-5 Cost Adjustment	DENSITY 0-5 Installation Cost	DENSITY 0-5 % Assigned Telephone	DENSITY 0-5 Weighted Amount	DENSITY 6-100 Cost Adjustment	DENSITY 6-100 Installation Cost	DENSITY 6-100 % Assigned Telephone	DENSITY 6-100 Weighted Amount
Poles	$ 201.00		$ 756.00	25%	$ 239.25		$ 756.00	25%	$ 239.25
Anchors and Guys	$ -		$ -	0%	$ -		$ -	0%	$ -
					$ 239.25				$ 239.25

Hard Rock - Aerial Distribution Cable

Activity	Base Cost Per Unit	DENSITY 0-5 Cost Adjustment	DENSITY 0-5 Installation Cost	DENSITY 0-5 % Assigned Telephone	DENSITY 0-5 Weighted Amount	DENSITY 6-100 Cost Adjustment	DENSITY 6-100 Installation Cost	DENSITY 6-100 % Assigned Telephone	DENSITY 6-100 Weighted Amount
Poles	$ 201.00	$ -	$ 756.00	25%	$ 239.25	$ -	$ 756.00	25%	$ 239.25
Anchors and Guys	$ -	$ -	$ -	0%	$ -	$ -	$ -	0%	$ -
					$ 239.25				$ 239.25

Structure Inputs

Hard Rock - Aerial Feeder Cable

Activity	Base Cost Per Unit	DENSITY 101-200				DENSITY 201-650			
		Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount	Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount
Poles	$ 201.00		$ 756.00	25%	$ 239.25		$ 756.00	25%	$ 239.25
Anchors and Guys	$ -		$ -	0%	$ -		$ -	0%	$ -
					$ 239.25				$ 239.25

Hard Rock - Aerial Distribution Cable

Activity	Base Cost Per Unit	DENSITY 101-200				DENSITY 201-650			
		Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount	Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount
Poles	$ 201.00	$ -	$ 756.00	25%	$ 239.25	$ -	$ 756.00	25%	$ 239.25
Anchors and Guys	$ -	$ -	$ -	0%	$ -	$ -	$ -	0%	$ -
					$ 239.25				$ 239.25

000102

Structure Inputs

Hard Rock - Aerial Feeder Cable

Activity	Base Cost Per Unit	DENSITY 651-850				DENSITY 851-2550			
		Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount	Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount
Poles	$ 201.00		$ 756.00	25%	$ 239.25		$ 756.00	25%	$ 239.25
Anchors and Guys	$ -		$ -	0%	$ -		$ -	0%	$ -
					$ 239.25				$ 239.25

Hard Rock - Aerial Distribution Cable

Activity	Base Cost Per Unit	DENSITY 651-850				DENSITY 851-2550			
		Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount	Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount
Poles	$ 201.00	$ -	$ 756.00	25%	$ 239.25	$ -	$ 756.00	25%	$ 239.25
Anchors and Guys	$ -	$ -	$ -	0%	$ -	$ -	$ -	0%	$ -
					$ 239.25				$ 239.25

Structure Inputs

Hard Rock - Aerial Feeder Cable

Activity	Base Cost Per Unit	DENSITY 2551-5000				DENSITY 5001-10000			
		Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount	Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount
Poles	$ 201.00		$ 756.00	25%	$ 239.25		$ 756.00	25%	$ 239.25
Anchors and Guys	$ -		$ -	0%	$ -		$ -	0%	$ -
					$ 239.25				$ 239.25

Hard Rock - Aerial Distribution Cable

Activity	Base Cost Per Unit	DENSITY 2551-5000				DENSITY 5001-10000			
		Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount	Cost Adjustment	Installation Cost	% Assigned Telephone	Weighted Amount
Poles	$ 201.00	$ -	$ 756.00	25%	$ 239.25	$ -	$ 756.00	25%	$ 239.25
Anchors and Guys	$ -	$ -	$ -	0%	$ -	$ -	$ -	0%	$ -
					$ 239.25				$ 239.25

Manhole Inputs

Normal - Manhole

Unit	Per Unit Costs		DENSITY 0-5			DENSITY 6-100		
	Material	Installation	Cost Adjustment	% Assigned Telephone	Unit Cost	Cost Adjustment	% Assigned Telephone	Unit Cost
Handhole 3x5 or 4x6	$ 280.00	$ 220.00		99.00%	$ 495.00		99.00%	$ 495.00
Manhole 4x6x7	$ 2,340.00	$ 2,800.00		99.00%	$ 5,088.60		99.00%	$ 5,088.60
Manhold 12x6x7	$ 2,340.00	$ 2,800.00		99.00%	$ 5,088.60		99.00%	$ 5,088.60
Adder 12x6x7	$ -	$ -		99.00%	$ -		99.00%	$ -
Conduit Per Duct Foot	$ 2.41	N/A	N/A	99.00%	$ 2.39	N/A	99.00%	$ 2.39

Soft Rock - Manhole

Unit	Per Unit Costs		DENSITY 0-5			DENSITY 6-100		
	Material	Installation	Cost Adjustment	% Assigned Telephone	Unit Cost	Cost Adjustment	% Assigned Telephone	Unit Cost
Handhole 3x5 or 4x6	$ 280.00	$ 440.00		99%	$ 712.80		99%	$ 712.80
Manhole 4x6x7	$ 2,340.00	$ 5,600.00		99%	$ 7,860.60		99%	$ 7,860.60
Manhold 12x6x7	$ 2,340.00	$ 5,600.00		99%	$ 7,860.60		99%	$ 7,860.60
Adder 12x6x7	$ -	$ -		99%	$ -		99%	$ -
Conduit Per Duct Foot	$ 2.41	N/A	N/A	99%	$ 2.39	N/A	99%	$ 2.39

Hard Rock - Manhole

Unit	Per Unit Costs		DENSITY 0-5			DENSITY 6-100		
	Material	Installation	Cost Adjustment	% Assigned Telephone	Unit Cost	Cost Adjustment	% Assigned Telephone	Unit Cost
Handhole 3x5 or 4x6	$ 280.00	$ 770.00		99%	$ 1,039.50		99%	$ 1,039.50
Manhole 4x6x7	$ 2,340.00	$ 9,800.00		99%	$ 12,018.60		99%	$ 12,018.60
Manhold 12x6x7	$ 2,340.00	$ 9,800.00		99%	$ 12,018.60		99%	$ 12,018.60
Adder 12x6x7	$ -	$ -		99%	$ -		99%	$ -
Conduit Per Duct Foot	$ 2.41	N/A	N/A	99%	$ 2.39	N/A	99%	$ 2.39

Manhole Inputs

Normal - Manhole

Unit	Per Unit Costs		DENSITY 101-200			DENSITY 201-650		
	Material	Installation	Cost Adjustment	% Assigned Telephone	Unit Cost	Cost Adjustment	% Assigned Telephone	Unit Cost
Handhole 3x5 or 4x6	$ 280.00	$ 220.00		99.00%	$ 495.00		99.00%	$ 495.00
Manhole 4x6x7	$ 2,340.00	$ 2,800.00		99.00%	$ 5,088.60		99.00%	$ 5,088.60
Manhold 12x6x7	$ 2,340.00	$ 2,800.00		99.00%	$ 5,088.60		99.00%	$ 5,088.60
Adder 12x6x7	$ -	$ -		99.00%	$ -		99.00%	$ -
Conduit Per Duct Foot	$ 2.41	N/A	N/A	99.00%	$ 2.39	N/A	99.00%	$ 2.39

Soft Rock - Manhole

Unit	Per Unit Costs		DENSITY 101-200			DENSITY 201-650		
	Material	Installation	Cost Adjustment	% Assigned Telephone	Unit Cost	Cost Adjustment	% Assigned Telephone	Unit Cost
Handhole 3x5 or 4x6	$ 280.00	$ 440.00		99%	$ 712.80		99%	$ 712.80
Manhole 4x6x7	$ 2,340.00	$ 5,600.00		99%	$ 7,860.60		99%	$ 7,860.60
Manhold 12x6x7	$ 2,340.00	$ 5,600.00		99%	$ 7,860.60		99%	$ 7,860.60
Adder 12x6x7	$ -	$ -		99%	$ -		99%	$ -
Conduit Per Duct Foot	$ 2.41	N/A	N/A	99%	$ 2.39	N/A	99%	$ 2.39

Hard Rock - Manhole

Unit	Per Unit Costs		DENSITY 101-200			DENSITY 201-650		
	Material	Installation	Cost Adjustment	% Assigned Telephone	Unit Cost	Cost Adjustment	% Assigned Telephone	Unit Cost
Handhole 3x5 or 4x6	$ 280.00	$ 770.00		99%	$ 1,039.50		99%	$ 1,039.50
Manhole 4x6x7	$ 2,340.00	$ 9,800.00		99%	$ 12,018.60		99%	$ 12,018.60
Manhold 12x6x7	$ 2,340.00	$ 9,800.00		99%	$ 12,018.60		99%	$ 12,018.60
Adder 12x6x7	$ -	$ -		99%	$ -		99%	$ -
Conduit Per Duct Foot	$ 2.41	N/A	N/A	99%	$ 2.39	N/A	99%	$ 2.39

Manhole Inputs

Normal - Manhole

Unit	Per Unit Costs		DENSITY 651-850			DENSITY 851-2550		
	Material	Installation	Cost Adjustment	% Assigned Telephone	Unit Cost	Cost Adjustment	% Assigned Telephone	Unit Cost
Handhole 3x5 or 4x6	$ 280.00	$ 220.00		99.00%	$ 495.00		99.00%	$ 495.00
Manhole 4x6x7	$ 2,340.00	$ 2,800.00	$ 400.00	99.00%	$ 5,484.60	$ 700.00	99.00%	$ 5,781.60
Manhold 12x6x7	$ 2,340.00	$ 2,800.00	$ 400.00	99.00%	$ 5,484.60	$ 700.00	99.00%	$ 5,781.60
Adder 12x6x7	$ -	$ -		99.00%	$ -		99.00%	$ -
Conduit Per Duct Foot	$ 2.41	N/A	N/A	99.00%	$ 2.39	N/A	99.00%	$ 2.39

Soft Rock - Manhole

Unit	Per Unit Costs		DENSITY 651-850			DENSITY 851-2550		
	Material	Installation	Cost Adjustment	% Assigned Telephone	Unit Cost	Cost Adjustment	% Assigned Telephone	Unit Cost
Handhole 3x5 or 4x6	$ 280.00	$ 440.00		99%	$ 712.80		99%	$ 712.80
Manhole 4x6x7	$ 2,340.00	$ 5,600.00	$ 800.00	99%	$ 8,652.60	$ 1,400.00	99%	$ 9,246.60
Manhold 12x6x7	$ 2,340.00	$ 5,600.00	$ 800.00	99%	$ 8,652.60	$ 1,400.00	99%	$ 9,246.60
Adder 12x6x7	$ -	$ -		99%	$ -		99%	$ -
Conduit Per Duct Foot	$ 2.41	N/A	N/A	99%	$ 2.39	N/A	99%	$ 2.39

Hard Rock - Manhole

Unit	Per Unit Costs		DENSITY 651-850			DENSITY 851-2550		
	Material	Installation	Cost Adjustment	% Assigned Telephone	Unit Cost	Cost Adjustment	% Assigned Telephone	Unit Cost
Handhole 3x5 or 4x6	$ 280.00	$ 770.00		99%	$ 1,039.50		99%	$ 1,039.50
Manhole 4x6x7	$ 2,340.00	$ 9,800.00	$ 1,400.00	99%	$ 13,404.60	$ 2,450.00	99%	$ 14,444.10
Manhold 12x6x7	$ 2,340.00	$ 9,800.00	$ 1,400.00	99%	$ 13,404.60	$ 2,450.00	99%	$ 14,444.10
Adder 12x6x7	$ -	$ -		99%	$ -		99%	$ -
Conduit Per Duct Foot	$ 2.41	N/A	N/A	99%	$ 2.39	N/A	99%	$ 2.39

Manhole Inputs

Normal - Manhole

Unit	Per Unit Costs		DENSITY 2551-5000			DENSITY 5001-10000		
	Material	Installation	Cost Adjustment	% Assigned Telephone	Unit Cost	Cost Adjustment	% Assigned Telephone	Unit Cost
Handhole 3x5 or 4x6	$ 280.00	$ 220.00		99.00%	$ 495.00		99.00%	$ 495.00
Manhole 4x6x7	$ 2,340.00	$ 2,800.00	$ 700.00	99.00%	$ 5,781.60	$ 2,200.00	99.00%	$ 7,266.60
Manhold 12x6x7	$ 2,340.00	$ 2,800.00	$ 700.00	99.00%	$ 5,781.60	$ 2,200.00	99.00%	$ 7,266.60
Adder 12x6x7	$ -	$ -		99.00%	$ -		99.00%	$ -
Conduit Per Duct Foot	$ 2.41	N/A	N/A	99.00%	$ 2.39	N/A	99.00%	$ 2.39

Soft Rock - Manhole

Unit	Per Unit Costs		DENSITY 2551-5000			DENSITY 5001-10000		
	Material	Installation	Cost Adjustment	% Assigned Telephone	Unit Cost	Cost Adjustment	% Assigned Telephone	Unit Cost
Handhole 3x5 or 4x6	$ 280.00	$ 440.00		99%	$ 712.80		99%	$ 712.80
Manhole 4x6x7	$ 2,340.00	$ 5,600.00	$ 1,400.00	99%	$ 9,246.60	$ 4,400.00	99%	$ 12,216.60
Manhold 12x6x7	$ 2,340.00	$ 5,600.00	$ 1,400.00	99%	$ 9,246.60	$ 4,400.00	99%	$ 12,216.60
Adder 12x6x7	$ -	$ -		99%	$ -		99%	$ -
Conduit Per Duct Foot	$ 2.41	N/A	N/A	99%	$ 2.39	N/A	99%	$ 2.39

Hard Rock - Manhole

Unit	Per Unit Costs		DENSITY 2551-5000			DENSITY 5001-10000		
	Material	Installation	Cost Adjustment	% Assigned Telephone	Unit Cost	Cost Adjustment	% Assigned Telephone	Unit Cost
Handhole 3x5 or 4x6	$ 280.00	$ 770.00		99%	$ 1,039.50		99%	$ 1,039.50
Manhole 4x6x7	$ 2,340.00	$ 9,800.00	$ 2,450.00	99%	$ 14,444.10	$ 7,700.00	99%	$ 19,641.60
Manhold 12x6x7	$ 2,340.00	$ 9,800.00	$ 2,450.00	99%	$ 14,444.10	$ 7,700.00	99%	$ 19,641.60
Adder 12x6x7	$ -	$ -		99%	$ -		99%	$ -
Conduit Per Duct Foot	$ 2.41	N/A	N/A	99%	$ 2.39	N/A	99%	$ 2.39

Manhole Inputs

Normal - Manhole

Unit	Per Unit Costs		DENSITY >10001		
	Material	Installation	Cost Adjustment	% Assigned Telephone	Unit Cost
Handhole 3x5 or 4x6	$ 280.00	$ 220.00		99.00%	$ 495.00
Manhole 4x6x7	$ 2,340.00	$ 2,800.00	$ 2,200.00	99.00%	$ 7,266.60
Manhold 12x6x7	$ 2,340.00	$ 2,800.00	$ 2,200.00	99.00%	$ 7,266.60
Adder 12x6x7	$ -	$ -		99.00%	$ -
Conduit Per Duct Foot	$ 2.41	N/A	N/A	99.00%	$ 2.39

Soft Rock - Manhole

Unit	Per Unit Costs		DENSITY >10001		
	Material	Installation	Cost Adjustment	% Assigned Telephone	Unit Cost
Handhole 3x5 or 4x6	$ 280.00	$ 440.00		99%	$ 712.80
Manhole 4x6x7	$ 2,340.00	$ 5,600.00	$ 4,400.00	99%	$ 12,216.60
Manhold 12x6x7	$ 2,340.00	$ 5,600.00	$ 4,400.00	99%	$ 12,216.60
Adder 12x6x7	$ -	$ -		99%	$ -
Conduit Per Duct Foot	$ 2.41	N/A	N/A	99%	$ 2.39

Hard Rock - Manhole

Unit	Per Unit Costs		DENSITY >10001		
	Material	Installation	Cost Adjustment	% Assigned Telephone	Unit Cost
Handhole 3x5 or 4x6	$ 280.00	$ 770.00		99%	$ 1,039.50
Manhole 4x6x7	$ 2,340.00	$ 9,800.00	$ 7,700.00	99%	$ 19,641.60
Manhold 12x6x7	$ 2,340.00	$ 9,800.00	$ 7,700.00	99%	$ 19,641.60
Adder 12x6x7	$ -	$ -		99%	$ -
Conduit Per Duct Foot	$ 2.41	N/A	N/A	99%	$ 2.39

C27500

Spacing Inputs

Spacing Tables

Feeder Spacing Table

Density	In Feet			
	Manhole Spacing	Pole Spacing	Guy Spacing	Relative Pole Units
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

Density	In Feet			
	Manhole Spacing	Pole Spacing	Guy Spacing	Relative Pole Units
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

Loop Percent Table Inputs

Loop Percentage Tables

Distribution Plant Mix Table

Normal Terrain			
Density	UnderGrnd %	Buried %	Aerial%
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			
Density	UnderGrnd %	Buried %	Aerial%
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			
Density	UnderGrnd %	Buried %	Aerial%
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

Normal Terrain			
Density	UnderGrnd %	Buried %	Aerial%
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%

Soft Rock Terrain			
Density	UnderGrnd %	Buried %	Aerial%
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%

Hard Rock Terrain			
Density	UnderGrnd %	Buried %	Aerial%
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%

Loop Percent Table Inputs

Fiber Plant Mix Table (Loop)

Normal Terrain - Loop			
Density	UnderGrnd %	Buried %	Aerial%
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%

Soft Rock Terrain - Loop			
Density	UnderGrnd %	Buried %	Aerial%
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%

Hard Rock Terrain - Loop			
Density	UnderGrnd %	Buried %	Aerial%
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 (Transport)

Normal Terrain - Transport			
Density	UnderGrnd %	Buried %	Aerial%
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			
Density	UnderGrnd %	Buried %	Aerial%
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 - Transport			
Density	UnderGrnd %	Buried %	Aerial%
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%

000113

Loop Percent Table Inputs

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

Units per Dwelling	Density								
	0-5	6-100	101-200	201-650	651-850	851-2550	2551-5000	5001-10000	>10,000
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

Density	Feeder	Distribution
0	72.10%	81.80%
6	72.10%	81.80%
101	72.10%	81.80%
201	72.10%	81.80%
651	72.10%	81.80%
851	72.10%	81.80%
2551	72.10%	81.80%
5001	72.10%	81.80%
10001	72.10%	81.80%

Loop Percent Table Inputs

DensityHhTable

Density	Percent Single Family	Household per Multi Unit Dwelling	Percent Multi Family Dwellings	Lots per 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)

Cable Size	Cable Structure %	Fiber Structure %
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

# Switched Lines In CBG	% Switched To VG	% Switched To DS1	% Special To VG	% Special To DS1
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 Inputs

DLC & Electronic Costs

Digital Loop Carrier Remote System Cost Table

Dlc Fiber Size	Fixed Cost All	Per Line Cost for each service available								
		VG	ISDN	DS1	DDS	4W	EBS	COIN	ADSL	HDSL
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

COT Size	Fixed Cost
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

Toggle	DS0/DS1	DS1/DS3	#DS3s	Planning Threshold	Trigger(DS1)	SIZE	DS0 CAP
1	24	28	3	60.0%	0	OC3	2016
1	24	28	12	85.0%	51	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

Description	Material	Other	Utilization	Discount	Units Required	DS1 System Capacity
Fiber Tip Cable (Per Fiber)	$ 72	$ 54	85.0%	31.0%	2	Varies
Fiber Patch Panel (Per Fiber)	$ 335	$ 157	85.0%	57.0%	2	Varies
Sonet Terminal Shelf (OC3)	$ 19,542	$ 2,852	NA	41.0%	1	84
DS3 Card	$ 3,305	$ 140	67.0%	45.0%	1	28
DS1 Card	$ 273	$ 12	100.0%	45.0%	1	1
Sonet Terminal Shelf (OC12)	$ 35,129	$ 5,128	NA	41.0%	1	336
OC3 Card	$ 6,890	$ 323	NA	39.0%	1	84
3 DS3 Card (OC12)	$ 5,177	$ 215	57.0%	46.0%	1	84
Sonet Terminal Shelf (OC48)	$ 77,263	$ 11,278	NA	41.0%	1	1344
OC3 Card	$ 21,165	$ 699	NA	57.0%	1	84
3 DS3 Card (OC48)	$ 13,836	$ 468	57.0%	56.0%	1	84
DSX3 Cross Connect Shelf	$ 1,358	$ 919	31.0%	38.0%	1	448
DSX3 Cross Connect Card	$ 596	$ 22	33.0%	53.0%	1	28
DSX1 Cross Connect Jack Field	$ 9,200	$ 5,020	85.0%	50.0%	1	56
Channel Bank Shelf	$ 4,634	$ 768	85.0%	33.0%	1	2
Channel Bank Card	$ 299	$ 15	85.0%	33.0%	1	0.041667
Fiber Repeater (OC3)	$ 19,542	$ 2,852	NA	41.0%	2	NA
Fiber Repeater (OC12)	$ 35,129	$ 5,128	NA	41.0%	2	NA
Fiber Repeater (OC48)	$ 77,263	$ 11,278	NA	41.0%	2	NA

Transport Inputs

Variable	Value	Desciption
Transport		
MaxNodes	9	Maximum number of nodes on a ring
ARFactor	1.515	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	38.00%	Mileage Equipment Aerial Fiber (per fiber mile)
MEUndergroundFiber	38.00%	Mileage Equipment Undergrount Fiber (per fiber mile)
MEBuriedFiber	38.00%	Mileage Equipment Buried Fiber (per fiber mile)
FiberPoleFactor	0.3363	Fiber Pole Factor
FiberConduitFactor	0.821	Fiber Conduit Factor
PowerAndEquipmentFactor	0.0593	Miscellaneous Equipment & Power Factor
SheathSharingFactor	0.68	Sheath Sharing Factor
TwoPointSheathSharingFactor	0.5	Two Point Sheath Sharing Factor
FiberMixAerial	23.00%	Fiber Mix - Aerial
FiberMixUnderground	26.00%	Fiber Mix - Undeerground
FiberMixBuried	51.00%	Fiber Mix - Buried

Miscellaneous Inputs

Variable	Value	Desciption
Cable & Wire Inputs		
PairsPerHousingUnit	1.6	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	18,000	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	18,000	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

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 Framel 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	$ 18.54	Central Office Terminal DLC-S Per line Investment
Financial Data		
ReturnOnEquity	12.46%	Return On Equity
DebtRate	6.7%	Debt Rate
DebtRatio	40.00%	Debt Ratio
Tax Data		
FederalTaxRate	35.0%	Federal Tax Rate
StateTaxRate	6.0%	State Tax Rate
AdValoremInsurance	1.4%	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	24	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	$ 109.25	Remote Terminal DLC-L Per line Investment for Extended Range Line Cards
RTDLCSPerLineExRange	$ 109.25	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
Wire Center Clli Length		
CliLength	8	Wire Center CliName length

Expense Inputs

Aggregate Support Inputs

Levels	Residence	Business
Aggregate Support Level at:	$ 14.64	$ 39.92
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

Investment Support Accounts	Support Accounts 1 Small	2 Medium	3 Large
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%

0004232

Expense Inputs

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

Residence Expense Table

Cost Element	USOAR Account	Residential					
		Fixed Cost per Line			Expense % per Investment		
		Small	Medium	Large	Small	Medium	Large
Network Support Expense	6110	$ 0.15	$ 0.15	$ 0.03	0.0000	0.0000	0.0000
General Support	6120	$ 1.20	$ 1.20	$ 1.98	N/A	N/A	N/A
COE Switching	6210	$ 0.34	$ 0.34	$ -	0.0000	0.0000	0.0462
COE Transmission	6230	$ 0.23	$ 0.23	$ -	0.0000	0.0000	0.0224
Information Orig/Term	6310	$ 0.07	$ 0.07	$ 0.28	N/A	N/A	N/A
Poles	6411	$ 2.76	$ 2.76	$ -	0.0000	0.0000	0.0087
Aerial Copper Cable	6421.1	$ -	$ -	$ -	0.0000	0.0000	0.0356
Aerial Fiber Cable	6421.2	$ -	$ -	$ -	0.0000	0.0000	0.0028
Underground Copper Cable	6422.1	$ -	$ -	$ -	0.0000	0.0000	0.0162
Underground Fiber Cable	6422.2	$ -	$ -	$ -	0.0000	0.0000	0.0015
Buried Copper Cable	6423.1	$ -	$ -	$ -	0.0000	0.0000	0.0307
Buried Fiber Cable	6423.2	$ -	$ -	$ -	0.0000	0.0000	0.0041
Conduit Investment System	6441	$ -	$ -	$ -	0.0000	0.0000	0.0010
Other Property Plant	6510	$ 0.03	$ 0.03	$ 0.03	0.0000	0.0000	0.0000
Network Operations	6530	$ 1.33	$ 1.33	$ 2.45	0.0000	0.0000	0.0000
Marketing	6610	$ 0.35	$ 0.35	$ 1.85	N/A	N/A	N/A
Services	6620	$ 2.42	$ 2.42	$ 3.89	N/A	N/A	N/A
Executive and Planning	6710	$ 0.14	$ 0.14	$ 0.15	N/A	N/A	N/A
General and Administrative	6720	$ 2.15	$ 2.15	$ 3.79	N/A	N/A	N/A
Uncollectibles	6790	$ 0.17	$ 0.17	$ 0.47	N/A	N/A	N/A
Total Expense	Per Line Expense	$ 11.34	$ 11.34	$ 14.93			

Expense Inputs

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

Business Expense Table

Cost Element	USOAR Account	Business					
		Fixed Cost per Line			Expense % per Investment		
		Small	Medium	Large	Small	Medium	Large
Network Support Expense	6110	$ 0.15	$ 0.15	$ 0.03	0.0000	0.0000	0.0000
General Support	6120	$ 1.20	$ 1.20	$ 1.98	N/A	N/A	N/A
COE Switching	6210	$ 0.34	$ 0.34	$ -	0.0000	0.0000	0.0462
COE Transmission	6230	$ 0.23	$ 0.23	$ -	0.0000	0.0000	0.0224
Information Orig/Term	6310	$ 0.07	$ 0.07	$ 0.28	N/A	N/A	N/A
Poles	6411	$ 2.76	$ 2.76	$ -	0.0000	0.0000	0.0087
Aerial Copper Cable	6421.1	$ -	$ -	$ -	0.0000	0.0000	0.0356
Aerial Fiber Cable	6421.2	$ -	$ -	$ -	0.0000	0.0000	0.0028
Underground Copper Cable	6422.1	$ -	$ -	$ -	0.0000	0.0000	0.0162
Underground Fiber Cable	6422.2	$ -	$ -	$ -	0.0000	0.0000	0.0015
Buried Copper Cable	6423.1	$ -	$ -	$ -	0.0000	0.0000	0.0307
Buried Fiber Cable	6423.2	$ -	$ -	$ -	0.0000	0.0000	0.0041
Conduit Investment System	6441	$ -	$ -	$ -	0.0000	0.0000	0.0010
Other Property Plant	6510	$ 0.03	$ 0.03	$ 0.03	0.0000	0.0000	0.0000
Network Operations	6530	$ 1.33	$ 1.33	$ 2.45	0.0000	0.0000	0.0000
Marketing	6610	$ 0.35	$ 0.35	$ 1.85	N/A	N/A	N/A
Services	6620	$ 2.42	$ 2.42	$ 3.89	N/A	N/A	N/A
Executive and Planning	6710	$ 0.14	$ 0.14	$ 0.15	N/A	N/A	N/A
General and Administrative	6720	$ 2.15	$ 2.15	$ 3.79	N/A	N/A	N/A
Uncollectibles	6790	$ 0.17	$ 0.17	$ 0.47	N/A	N/A	N/A
Total Expense		$ 11.34	$ 11.34	$ 14.93			

State Specific Inputs

State Information Table

State ID	Residence Line Multiplier	Single Business Line Factor	Special Access Ratio	Gross Receipts Tax
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	3.90%
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	3.90%
SD	1.0447	0.1049	0.1300	3.90%
TN	1.1409	0.1031	0.1300	0.19%
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

Capital Costs Inputs

Capital Cost Inputs

Account	Economic Life (years)	Tax Life (years)	Future Net Salvage (percent)	Survival Curve	Gompertz C	Gompertz G	Gompertz S
Land	0	0	0%	Square Life	0.00000000	0.00000000	0.00000000
Motor Vehicle	9.1	3	16%	CG&S	1.79000000	-0.00243478	0.00223803
Special Purpose Vehicles	7.3	3	16%	CG&S	1.79000000	-0.00133892	0.00310793
Garage Work	23	5	-1%	CG&S	1.10000000	-0.04125345	-0.01314443
Other Work	23	5	-1%	CG&S	1.10000000	-0.04125345	-0.01314443
Building	43	31.5	1.0%	CG&S	1.13339740	-0.21745512	0.02396884
Furniture	18	5	9.0%	CG&S	0.95000000	-1.78723510	-0.08729614
Office Support	12	5	28%	CG&S	0.95000000	-1.78723510	-0.08729614
General Purpose Computers	7	5	2.0%	CG&S	0.34000000	-0.34452658	-0.07054082
Switching	17	5	4.0%	CG&S	1.13339740	-0.21745512	0.02396884
Circuit/DLC	11	5	0%	CG&S	1.08000000	-0.42846212	0.03196869
Pole	37	15	-48.0%	CG&S	1.05000000	-0.04472291	-0.00183947
Aerial Copper	20	15	-15.000%	CG&S	1.11000000	-0.00658823	-0.00389507
Aerial Fiber	30	15	-25.00%	CG&S	1.04000000	-0.25389092	0.00950568
Underground Copper	25	15	-18.000%	CG&S	1.03000000	-0.14730468	0.00144023
Underground Fiber	30	15	-20.0%	CG&S	1.04000000	-0.06894770	0.00143545
Buried Copper	21	15	-5.000%	CG&S	1.11000000	-0.01323042	-0.00251764
Buried Fiber	30	15	-9.00%	CG&S	0.80000000	-0.08929426	-0.00992690
Conduit	65	15	-5.0%	CG&S	1.09000000	-0.01234231	-0.00093244

EXPENSE DEVELOPMENT BACK-UP

BELLSOUTH EXPENSES PER LINE

Description	1997-1999 Expenses	Total Physical Lines	Annual Expenses Per Line	Monthly Expenses Per Line	% Attributable to Basic Service (See Note 1)	Adjusted Expenses Per Line
Network Support	$9,197,223	23,720,850	$0.39	$0.03	100.00%	$0.032
General Support	$563,565,233	23,720,850	$23.76	$1.98	100.00%	$1.980
IOT	$79,324,947	23,720,850	$3.34	$0.28	100.00%	$0.279
Other Property Plant	$8,624,321	23,720,850	$0.36	$0.03	100.00%	$0.030
Network Operations (Note 1)	$695,904,275	23,720,850	$29.34	$2.44	100.00%	$2.445
Marketing	$527,453,974	23,720,850	$22.24	$1.85	100.00%	$1.853
Services	$1,108,324,637	23,720,850	$46.72	$3.89	100.00%	$3.894
Executive & Planning	$41,941,741	23,720,850	$1.77	$0.15	100.00%	$0.147
General & Admin	$1,078,161,147	23,720,850	$45.45	$3.79	100.00%	$3.788
Uncollectibles	$134,837,000	23,720,850	$5.68	$0.47	100.00%	$0.474
Total Expenses	$4,247,334,499	23,720,850	$179.05	$14.92		$14.921

Notes:

1. Per Order, Network Operations Expenses are 1996 expenses reduced by 22.5% productivity factor.

OTHER COST STUDIES

- INTERSTATE SWITCHED ACCESS
- INTRASTATE SWITCHED ACCESS
- TOLL
- DIRECTORY ASSISTANCE

Interstate: Monthly Direct Cost Per Residential Line
Switched Access Service Calculation
Tennessee

Line #	Description	Source	Amount
1	Gross Receipts Tax Factor	UNE Study 11/22/97	1.0019
2	Direct Cost - End Office Switching Function, Per MOU	UNE Study 11/22/97	$ 0.00172830
3	Direct Cost - End Office Switching Function, Per MOU, w/ GR Tax	L1*L2	$ 0.00173158
4	Average # of End Office Switches Per Call	1 EO Per Orig/Term. Call	1.00
5	Direct Cost End Office Switching Function Per MOU Per Call	L3*L4	$ 0.00173158
6			
7	Direct Cost - End Office Interoffice Trunk Port - Shared, Per MOU	UNE Study 11/22/97	$ 0.00020510
8	Direct Cost - End Office Interoffice Trunk Port - Shared, Per MOU, w/ GR Tax	L1*L7	$ 0.00020549
9	# of Trunk Ports Per Call	1 Trunk Port Per Orig/Term. Call	1.00
10	Direct Cost End Office Interoffice Trunk Port - Shared, Per MOU Per Call	L8*L9	$ 0.00020549
11			
12	Direct Cost - Local Switching Cost Per MOU	L5+L10	$ 0.00193707
13			
14	Average Monthly Local Switching MOU - Per Residence Line	BCATS - ID Report 1/97 - 12/97	[redacted]
15	Monthly Direct Cost - Local Switching	L12*L14	$ [redacted]
16			
17	Direct Cost - Tandem Switching Function Per MOU	UNE Study 11/22/97	$ 0.00052950
18	Direct Cost - Tandem Switching Function Per MOU, w/ GR Tax	L1*L17	$ 0.00053051
19	% of Tandem Occurrence of Calls Using Common Transport	LTR Restructure Assumption	100.00%
20	Direct Cost - Tandem Switching Function Per MOU	L18	$ 0.00053051
21			
22	Direct Cost - Tandem Interoffice Trunk Port - Shared, Per MOU	UNE Study 11/22/97	$ 0.00033020
23	Direct Cost - Tandem Interoffice Trunk Port - Shared, Per MOU, w/ GR Tax	L1*L22	$ 0.00033083
24	# of Trunk Ports Per Call	LTR Restructure Assumption	2.00
25	Direct Cost - Tandem Interoffice Trunk Port - Shared, Per MOU Per Call	L23*L24	$ 0.00066165
26			
27	Direct Cost - Access Tandem Switching Cost Per MOU	L20+L25	$ 0.00119216
28			
29	Average Monthly Access Tandem Switching MOU - Per Residence Line	BCATS - ID Report 1/97 - 12/97	[redacted]
30	Monthly Direct Cost - Access Tandem Switching	L27*L29	$ [redacted]
31			
32	Direct Cost - Common Transport - Facilities Terminations Per MOU	UNE Study 11/22/97	$ 0.00038700
33	Direct Cost - Common Transport - Facilities Terminations Per MOU, w/ GR Tax	L1*L32	$ 0.00038774
34	% Remote Probability	Demand & Facility DB	11%
35	Average # of Terminations Per Call Using Common Transport	2*(1+L34)	2.22
36	Direct Cost - Common Transport - Facilities Terminations Per MOU	L33*(L35/2)	$ 0.00043039
37			
38	Average Monthly Facilities Terminations MOU - Per Residence Line	BCATS - ID Report 1/97 - 12/97	[redacted]
39	Monthly Direct Cost Common Transport - Facilities Terminations	L36*L38	[redacted]
40			
41	Direct Cost - Common Transport - Per MOU Per Mile	UNE Study 11/22/97	$ 0.00000620
42	Direct Cost - Common Transport - Per MOU Per Mile, w/ GR Tax	L1*L41	$ 0.00000621
43			
44	Average Monthly Common Transport MOU Miles - Per Residence Line	BCATS - ID Report 1/97 - 12/97	[redacted]
45	Monthly Direct Cost - Common Transport	L42*L44	$ [redacted]
46			
47	**Monthly Direct Cost Switched Access Per Residential Line**	**L15+L30+L39+L45**	**$ 0.60338818**

Intrastate: Monthly Direct Cost Per Residential Line
Switched Access Service Calculation
Tennessee

Line #	Description	Source	Amount
1	Gross Receipts Tax Factor	UNE Study 11/22/97	1.0019
2	Direct Cost - End Office Switching Function, Per MOU	UNE Study 11/22/97	$ 0.00172830
3	Direct Cost - End Office Switching Function, Per MOU, w/ GR Tax	L1*L2	$ 0.00173158
4	Average # of End Office Switches Per Call	1 EO Per Orig/Term. Call	1.00
5	Direct Cost End Office Switching Function Per MOU Per Call	L3*L4	$ 0.00173158
6			
7	Direct Cost - End Office Interoffice Trunk Port - Shared, Per MOU	UNE Study 11/22/97	$ 0.00020510
8	Direct Cost - End Office Interoffice Trunk Port - Shared, Per MOU, w/ GR Tax	L1*L7	$ 0.00020549
9	# of Trunk Ports Per Call	1 Trunk Port Per Orig/Term. Call	1.00
10	Direct Cost End Office Interoffice Trunk Port - Shared, Per MOU Per Call	L8*L9	$ 0.00020549
11			
12	Direct Cost - Local Switching Cost Per MOU	L5+L10	$ 0.00193707
13			
14	Average Monthly Local Switching MOU - Per Residence Line	BCATS - ID Report 1/97-12/97	[redacted]
15	Monthly Direct Cost - Local Switching	L12*L14	$[redacted]
16			
17	Direct Cost - Tandem Switching Function Per MOU	UNE Study 11/22/97	$ 0.00052950
18	Direct Cost - Tandem Switching Function Per MOU, w/ GR Tax	L1*L17	$ 0.00053051
19	% of Tandem Occurrence of Calls Using Common Transport	LTR Restructure Assumption	100.00%
20	Direct Cost - Tandem Switching Function Per MOU	L18	$ 0.00053051
21			
22	Direct Cost - Tandem Interoffice Trunk Port - Shared, Per MOU	UNE Study 11/22/97	$ 0.00033020
23	Direct Cost - Tandem Interoffice Trunk Port - Shared, Per MOU, w/ GR Tax	L1*L22	$ 0.00033083
24	# of Trunk Ports Per Call	LTR Restructure Assumption	2.00
25	Direct Cost - Tandem Interoffice Trunk Port - Shared, Per MOU Per Call	L23*L24	$ 0.00066165
26			
27	Direct Cost - Access Tandem Switching Cost Per MOU	L20+L25	$ 0.00119216
28			
29	Average Monthly Access Tandem Switching MOU - Per Residence Line	BCATS - ID Report 1/97-12/97	[redacted]
30	Monthly Direct Cost - Access Tandem Switching	L27*L29	[redacted]
31			
32	Direct Cost - Common Transport - Facilities Terminations Per MOU	UNE Study 11/22/97	$ 0.00038700
33	Direct Cost - Common Transport - Facilities Terminations Per MOU, w/ GR Tax	L1*L32	$ 0.00038774
34	% Remote Probability	Demand & Facility DB	11%
35	Average # of Terminations Per Call Using Common Transport	2*(1+L34)	2.22
36	Direct Cost - Common Transport - Facilities Terminations Per MOU	L33*(L35/2)	$ 0.00043039
37			
38	Average Monthly Facilities Terminations MOU - Per Residence Line	BCATS - ID Report 1/97-12/97	[redacted]
39	Monthly Direct Cost Common Transport - Facilities Terminations	L36*L38	[redacted]
40			
41	Direct Cost - Common Transport - Per MOU Per Mile	UNE Study 11/22/97	$ 0.00000620
42	Direct Cost - Common Transport - Per MOU Per Mile, w/ GR Tax	L1*L41	$ 0.00000621
43			
44	Average Monthly Common Transport MOU Miles - Per Residence Line	BCATS - ID Report 1/97-12/97	[redacted]
45	Monthly Direct Cost - Common Transport	L42*L44	[redacted]
46			
47	**Monthly Direct Cost Switched Access Per Residential Line**	**L15+L30+L39+L45**	**$ 0.13593729**

Based on 1/97 - 12/97

Tennessee

Line #	Item	Source	Intrastate	Interstate
1	Local Switching MOU	BCATS-ID, 1/97-12/97	[redacted]	[redacted]
2	Access Tandem Switching MOU	BCATS-ID, 1/97-12/97	[redacted]	[redacted]
3	Com. Transport MOU Miles	BCATS-ID, 1/97-12/97	[redacted]	[redacted]
4	Com. Transport Facilities Term. MOU	BCATS-ID, 1/97-12/97	[redacted]	[redacted]
5				
6	Residential Factor		[redacted]	[redacted]
7				
8	**Residential Usage:**			
9	Local Switching MOU	L1*L6	[redacted]	[redacted]
10	Access Tandem Switching MOU	L2*L6	[redacted]	[redacted]
11	Com. Transport MOU Miles	L3*L6	[redacted]	[redacted]
12	Com. Transport Facilities Term. MOU	L4*L6	[redacted]	[redacted]
13				
14	Avg. Monthly Residential Access Lines		[redacted]	[redacted]
15	**Per Access Line:**			
16	Avg. Monthly Local Switching MOU	L9/L14/12	[redacted]	[redacted]
17	Avg. Monthly Access Tandem Switching MOU	L10/L14/12	[redacted]	[redacted]
18	Avg. Monthly Com. Transport MOU Miles	L11/L14/12	[redacted]	[redacted]
19	Avg. Monthly Com. Transport Facilities Term. MOU	L12/L14/12	[redacted]	[redacted]

Monthly Direct Cost - Per Residential Line
Toll Service Calculation
Tenneessee

Line #	Description	Source	Amount
1	Gross Receipts Tax Factor	UNE Study 11/22/97	1.0019
2	Direct Cost - End Office Switching Function, Per MOU	UNE Study 11/22/97	$ 0.00172830
3	Direct Cost - End Office Switching Function, Per MOU, w/ GR Tax	L1*L2	$ 0.00173158
4	% Intraoffice	UNE Study 11/22/97	0.00%
5	% Interoffice	UNE Study 11/22/97	100.00%
6	Average # of End Office Switches Per Call	L4+(2*L5)	2.00
7	Direct Cost - End Office Switching Function, Per MOU Per Call	L3*L6	$ 0.00346317
8			
9	Direct Cost - End Office Interoffice Trunk Port - Shared, Per MOU	UNE Study 11/22/97	$ 0.00020510
10	Direct Cost - End Office Interoffice Trunk Port - Shared, Per MOU, w/ GR Tax	L1*L9	$ 0.00020549
11	# of Trunk Ports Per Call	L6	2.00
12	Direct Cost - End Office Interoffice Trunk Port - Shared, Per MOU Per Call	L10*L11	$ 0.00041098
13			
14	Direct Cost - Tandem Switching Function Per MOU	UNE Study 11/22/97	$ 0.00052950
15	Direct Cost - Tandem Switching Function Per MOU, w/ GR Tax	L1*L14	$ 0.00053051
16	% Traffic Routed Directly End Office to End Office	GTF	0.00%
17	% Traffice Routed Through 1 Tandem	GTF	58.74%
18	% Traffic Routed Through 2 Tandem	GTF	41.26%
19	# of Tandems Per Call	(L17*1)+(L18*2)	1.41
20	Direct Cost - Tandem Switching Function Per MOU Per Call	L15*L19	$ 0.00074939
21			
22	Direct Cost - Tandem Interoffice Trunk Port Shared, Per MOU	UNE Study 11/22/97	$ 0.00033020
23	Direct Cost - Tandem Interoffice Trunk Port Shared, Per MOU, w/ GR Tax	L1*L22	$ 0.00033083
24	# of Trunk Ports Per Call	2*L19	2.83
25	Direct Cost - Tandem Interoffice Trunk Port Shared, Per MOU Per Call	L23*L24	$ 0.00093465
26			
27	Direct Cost - Common Transport - Facilities Terminations Per MOU	UNE Study 11/22/97	$ 0.00038700
28	Direct Cost - Common Transport - Facilities Terminations Per MOU, w/ GR Tax	L1*L27	$ 0.00038774
29	% Remote Probability	Demand & Facility DB	11%
30	Average # of Terminations Per Interoffice Call	(L29*2)+(L16*2)+(L17*4)+(L18*6)	5.05
31	Direct Cost - Common Transport - Facilities Terminations Per MOU (Per Interoffice Call)	L30*L28/2	$ 0.00097810
32	Direct Cost - Common Transport - Facilities Terminations Per MOU Per Call	L31*L5	$ 0.00097810
33			
34	Direct Cost - Common Transport - Per MOU Per Mile	UNE Study 11/22/97	$ 0.00000620
35	Direct Cost - Common Transport - Per MOU Per Mile, w/ GR Tax	L1*L34	$ 0.00000621
36	Average # of Miles Per Call	SNC Sub Module	39.94
37	Direct Cost - Common Transport - Per MOU Per Interoffice Call	L35*L36	$ 0.00024810
38	Direct Cost - Common Transport - Per MOU Per Call	L37*L5	$ 0.00024810
39			
40	Average Direct Cost Toll Usage Per MOU	L7+L12+L20+L25+L32+L38	$ 0.00678439
41			
42	Average # of Toll MOU Per Line Per Month - Residence	Toll Distribution Report (2/97-1/98)	[redacted]
43			
44	Monthly Direct Cost Toll Usage - Per Residence Line	L40*L42	[redacted]

Tennessee

	Residential Access Lines	Residential Toll Conv. Mins.
Feb-97	[redacted]	[redacted]
Mar-97	[redacted]	[redacted]
Apr-97	[redacted]	[redacted]
May-97	[redacted]	[redacted]
Jun-97	[redacted]	[redacted]
Jul-97	[redacted]	[redacted]
Aug-97	[redacted]	[redacted]
Sep-97	[redacted]	[redacted]
Oct-97	[redacted]	[redacted]
Nov-97	[redacted]	[redacted]
Dec-97	[redacted]	[redacted]
Jan-98	[redacted]	[redacted]
Average Monthly	[redacted]	[redacted]

Avg. Monthly Toll Conv. Mins. Per Line 17

Source: Residential Access Lines - Average Rates Report
Residential Monthly Toll Conv. Mins - Toll Distribution Report

DIRECTORY ASSISTANCE COSTS
TENNESSEE

DIRECT COST, PER RESIDENCE LINE PER MONTH

Directory Assistance - Local (411)	$0.6643
Directory Assistance - Toll (555-1212)	$0.0034
Total	$0.6677
Operator Surcharge Costs per Line per Month:	
Operator Handled Costs per Line per Month	$0.0383
Calling Card Costs per Line per month	$0.0067
	$0.0450
Total Directory Assistnace and Operator Surcharge Costs	$0.7127
(Rounded)	$0.71