

## APPENDIX C: County Network Capacity

The unit for all columns is presented in Mbps

| County    | Received Bandwidth | Transmit Bandwidth | Transmit Percent Utilization | Average Receive | Peak Transmit | Minimum Receive | Minimum Transmit | Peak Receive | Received Percent Utilization | Average Transmit |
|-----------|--------------------|--------------------|------------------------------|-----------------|---------------|-----------------|------------------|--------------|------------------------------|------------------|
| Adams     | 10.00              | 10.00              | 5.03 %                       | 0.4387          | 0.5031        | 0.0195          | 0.0091           | 1.9777       | 19.78 %                      | 0.0950           |
| Antelope  | 10.00              | 10.00              | 51.45 %                      | 0.4964          | 5.1446        | 0.0356          | 0.0028           | 5.3217       | 53.22 %                      | 0.2804           |
| Arthur    | 15.00              | 5.00               | 3.44 %                       | 0.1919          | 0.1719        | 0.0223          | 0.0029           | 2.8016       | 18.68 %                      | 0.0202           |
| Banner    | 10.00              | 1.00               | 99.78 %                      | 1.0763          | 0.9978        | 0.0243          | 0.0050           | 7.9597       | 79.60 %                      | 0.2055           |
| Blaine    | 15.00              | 5.00               | 1.10 %                       | 0.0894          | 0.0551        | 0.0172          | 0.0020           | 0.2805       | 1.87 %                       | 0.0080           |
| Boone     | 10.00              | 10.00              | 0.28 %                       | 0.1029          | 0.0284        | 0.0367          | 0.0018           | 0.4202       | 4.20 %                       | 0.0058           |
| Box Butte | 10.00              | 10.00              | 16.49 %                      | 1.3758          | 1.6493        | 0.0014          | 0.0034           | 5.2689       | 52.69 %                      | 0.1088           |
| Boyd      | 12.00              | 1.00               | 27.97 %                      | 0.4946          | 0.2797        | 0.0239          | 0.0032           | 3.2278       | 26.90 %                      | 0.0633           |
| Brown     | 12.00              | 2.00               | 12.31 %                      | 0.2123          | 0.2462        | 0.0235          | 0.0035           | 1.7500       | 14.58 %                      | 0.0284           |
| Burt      | 7.00               | 2.00               | 2.50 %                       | 0.0781          | 0.0500        | 0.0218          | 0.0029           | 0.3910       | 5.59 %                       | 0.0109           |
| Butler    | 10.00              | 10.00              | 1.77 %                       | 0.2354          | 0.1770        | 0.0353          | 0.0017           | 0.9484       | 9.48 %                       | 0.0268           |
| Cass      | 10.00              | 10.00              | 5.10 %                       | 0.2625          | 0.5099        | 0.0065          | 0.0035           | 2.4533       | 24.53 %                      | 0.0556           |
| Cedar     | 24.00              | 12.00              | 1.86 %                       | 0.5438          | 0.2232        | 0.0285          | 0.0017           | 2.2372       | 9.32 %                       | 0.0486           |
| Chase     | 5.00               | 5.00               | 6.05 %                       | 0.7882          | 0.3024        | 0.0142          | 0.0025           | 4.6596       | 93.19 %                      | 0.0549           |
| Cherry    | 10.00              | 10.00              | 17.46 %                      | 1.4268          | 1.7462        | 0.0346          | 0.0149           | 8.8138       | 88.14 %                      | 0.2338           |
| Cheyenne  | 5.00               | 5.00               | 26.51 %                      | 0.7093          | 1.3254        | 0.0941          | 0.0460           | 3.8038       | 76.08 %                      | 0.2535           |
| Clay      | 10.00              | 10.00              | 1.18 %                       | 0.0967          | 0.1184        | 0.0384          | 0.0079           | 0.1650       | 1.65 %                       | 0.0146           |
| Colfax    | 10.00              | 10.00              | 0.63 %                       | 0.0858          | 0.0633        | 0.0204          | 0.0035           | 1.2530       | 12.53 %                      | 0.0118           |
| Cuming    | 60.00              | 2.00               | 2.62 %                       | 0.0579          | 0.0525        | 0.0249          | 0.0034           | 0.1040       | 0.17 %                       | 0.0089           |
| Custer    | 5.00               | 5.00               | 7.13 %                       | 0.4346          | 0.3567        | 0.1666          | 0.0013           | 2.0706       | 41.41 %                      | 0.0285           |
| Dakota    | 3.00               | 3.00               | 21.89 %                      | 0.6831          | 0.6568        | 0.0268          | 0.0091           | 3.0142       | 100.47 %                     | 0.1803           |
| Dawes     | 10.00              | 10.00              | 4.10 %                       | 0.6095          | 0.4101        | 0.1527          | 0.0095           | 2.5415       | 25.42 %                      | 0.0778           |



|             |       |       |         |        |        |        |        |        |         |        |
|-------------|-------|-------|---------|--------|--------|--------|--------|--------|---------|--------|
| Lincoln     | 10.00 | 10.00 | 11.08 % | 0.9284 | 1.1081 | 0.0302 | 0.0076 | 4.9051 | 49.05 % | 0.2313 |
| Logan       | 10.00 | 10.00 | 53.68 % | 1.4919 | 5.3680 | 0.0236 | 0.0057 | 7.9702 | 79.70 % | 0.2230 |
| Loup        | 5.00  | 3.00  | 6.28 %  | 0.2325 | 0.1885 | 0.0179 | 0.0032 | 1.7190 | 34.38 % | 0.0311 |
| Madison     | 5.00  | 5.00  | 7.27 %  | 0.3454 | 0.3633 | 0.0327 | 0.0095 | 1.5832 | 31.66 % | 0.0843 |
| McPherson   | 5.00  | 1.00  | 0.00 %  | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.00 %  | 0.0000 |
| Merrick     | 10.00 | 10.00 | 9.85 %  | 2.0613 | 0.9852 | 0.0200 | 0.0029 | 9.5717 | 95.72 % | 0.2198 |
| Morrill     | 50.00 | 50.00 | 0.46 %  | 0.2428 | 0.2324 | 0.0258 | 0.0038 | 3.7716 | 7.54 %  | 0.0311 |
| Nance       | 12.00 | 2.00  | 7.20 %  | 0.2215 | 0.1440 | 0.0219 | 0.0017 | 1.7458 | 14.55 % | 0.0185 |
| Nemaha      | 10.00 | 10.00 | 8.85 %  | 1.0795 | 0.8852 | 0.0377 | 0.0032 | 9.8974 | 98.97 % | 0.1996 |
| Nuckolls    | 12.00 | 1.00  | 5.32 %  | 0.0547 | 0.0532 | 0.0216 | 0.0023 | 0.1123 | 0.94 %  | 0.0060 |
| Otoe        | 10.00 | 10.00 | 7.32 %  | 0.6649 | 0.7316 | 0.0199 | 0.0050 | 3.5437 | 35.44 % | 0.1052 |
| Pawnee      | 5.00  | 5.00  | 9.13 %  | 0.5963 | 0.4564 | 0.0357 | 0.0017 | 2.8636 | 57.27 % | 0.0705 |
| Perkins     | 5.00  | 1.00  | 31.00 % | 0.2293 | 0.3100 | 0.0356 | 0.0039 | 1.3624 | 27.25 % | 0.0353 |
| Phelps      | 3.00  | 3.00  | 9.56 %  | 0.4606 | 0.2869 | 0.2134 | 0.0027 | 1.3454 | 44.85 % | 0.0309 |
| Pierce      | 12.00 | 1.00  | 21.01 % | 0.3295 | 0.2101 | 0.0287 | 0.0024 | 2.4173 | 20.14 % | 0.0357 |
| Platte      | 10.00 | 10.00 | 5.30 %  | 0.4478 | 0.5305 | 0.0326 | 0.0104 | 2.8777 | 28.78 % | 0.1303 |
| Polk        | 10.00 | 10.00 | 0.78 %  | 0.1492 | 0.0780 | 0.0381 | 0.0035 | 1.1512 | 11.51 % | 0.0138 |
| Red Willow  | 5.00  | 5.00  | 13.37 % | 0.5828 | 0.6687 | 0.2096 | 0.0044 | 1.9057 | 38.11 % | 0.0578 |
| Richardson  | 10.00 | 10.00 | 9.12 %  | 0.7988 | 0.9122 | 0.0209 | 0.0030 | 3.4250 | 34.25 % | 0.2023 |
| Rock        | 10.00 | 1.00  | 16.19 % | 0.1424 | 0.1619 | 0.0005 | 0.0018 | 3.0851 | 30.85 % | 0.0210 |
| Saline      | 10.00 | 10.00 | 2.01 %  | 0.1375 | 0.2007 | 0.0204 | 0.0049 | 1.1450 | 11.45 % | 0.0241 |
| Saunders    | 10.00 | 10.00 | 64.92 % | 0.6765 | 6.4919 | 0.0261 | 0.0347 | 6.5512 | 65.51 % | 0.2740 |
| Scottsbluff | 10.00 | 10.00 | 3.28 %  | 0.6402 | 0.3280 | 0.0257 | 0.0063 | 3.1387 | 31.39 % | 0.0787 |
| Seward      | 10.00 | 10.00 | 6.39 %  | 0.4283 | 0.6386 | 0.0276 | 0.0035 | 3.3007 | 33.01 % | 0.0970 |
| Sheridan    | 5.00  | 5.00  | 41.07 % | 1.3127 | 2.0534 | 0.0368 | 0.0028 | 3.8281 | 76.56 % | 0.1961 |
| Sherman     | 3.00  | 3.00  | 1.85 %  | 0.1253 | 0.0556 | 0.0352 | 0.0017 | 1.5518 | 51.73 % | 0.0097 |
| Sioux       | 7.00  | 2.00  | 24.52 % | 0.3207 | 0.4905 | 0.0225 | 0.0018 | 2.0860 | 29.80 % | 0.0647 |
| Stanton     | 5.00  | 1.00  | 53.57 % | 0.6954 | 0.5357 | 0.0225 | 0.0016 | 4.8734 | 97.47 % | 0.1424 |
| Thayer      | 10.00 | 10.00 | 0.36 %  | 0.0883 | 0.0362 | 0.0160 | 0.0039 | 0.5109 | 5.11 %  | 0.0096 |
| Thomas      | 15.00 | 5.00  | 14.97 % | 0.5591 | 0.7487 | 0.0229 | 0.0032 | 4.4859 | 29.91 % | 0.0700 |
| Thurston    | 10.00 | 1.00  | 22.17 % | 0.1513 | 0.2217 | 0.0022 | 0.0019 | 3.6729 | 36.73 % | 0.0212 |

[illegible]