



| Directory of Coal Resource Transportation System Roads (October 2013) |                  |                    |             |        |         |          |            |        |            |        |                          | SU-40                      | SU-45                      | 3S-55                      | 3S-60                      |  |
|---|------------------|--------------------|-------------|--------|---------|----------|------------|--------|------------|--------|--------------------------|----------------------------|----------------------------|----------------------------|----------------------------|--|
| SECT #  | DATE OF CC ORDER | BRIDGE SUB SECTION | BARS NUMBER | COUNTY | ROUTE # | BEGIN MP | FROM       | END MP | TO         | LENGTH | FRACTURE CRITICAL MEMBER | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | ADDITIONAL RESTRICTIONS (SEE APPENDIX) |
| 15  | 12/31/2003       |                    |             | BOONE  | US 119  | 16.95    | JCT CR 6   | 18.19  | JCT CR 3/1 | 1.24   |                          |                            |                            |                            |                            |  |
| 16  | 12/31/2003       |                    |             | BOONE  | US 119  | 18.19    | JCT CR 3/1 | 18.68  | JCT WV 3   | 0.49   |                          |                            |                            |                            |                            |  |
| 17  | 12/31/2003       |                    |             | BOONE  | US 119  | 18.68    | JCT WV 3   | 22.95  | Kanawha CL | 4.27   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 17A                | 03A123      |        |         | 20.66N   |            |        |            |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 17B                | 03A124      |        |         | 20.66S   |            |        |            |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 18  | 12/31/2003       |                    |             | BOONE  | CR 1    | 0.00     | JCT WV 3   | 1.02   | JCT CR 6   | 1.02   |                          |                            |                            |                            |                            |  |
| 19  | 12/31/2003       |                    |             | BOONE  | CR 1    | 1.02     | JCT CR 6   | 8.40   | JCT CR 1/1 | 7.38   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 19A                | 03A001      |        |         | 3.35     |            |        |            |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/22/2008       | 19B                | 03A002      |        |         | 8.23     |            |        |            |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 20  | 12/31/2003       |                    |             | BOONE  | CR 1    | 8.40     | JCT CR 1/1 | 12.85  | Kanawha CL | 4.45   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 20A                | 03A003      |        |         | 8.40     |            |        |            |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 20B                | 03A004      |        |         | 8.66     |            |        |            |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 20C                | 03A005      |        |         | 8.75     |            |        |            |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 21  | 12/31/2003       |                    |             | BOONE  | CR 1/1  | 0.00     | CR 1       | 1.73   | CR 1/4     | 1.73   |                          |                            |                            |                            |                            |  |
| 46  | 7/15/2005        |                    |             | BOONE  | CR 1/6  | 0.00     | CR 1       | 2.23   | Dead End   | 2.23   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 46A                | 03A008      |        |         | 0.04     |            |        |            |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 22  | 12/31/2003       |                    |             | BOONE  | CR 3/1  | 0.00     | US 119     | 2.43   | Dead End   | 2.43   |                          |                            |                            |                            |                            |  |
| 23  | 12/31/2003       |                    |             | BOONE  | CR 3/3  | 0.00     | JCT WV 3   | 4.21   | Dead End   | 4.21   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 23A                | 03A024      |        |         | 0.89     |            |        |            |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 23B                | 03A025      |        |         | 4.04     |            |        |            |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 24  | 12/31/2003       |                    |             | BOONE  | CR 5    | 0.00     | JCT CR 26  | 17.74  | JCT WV 3   | 17.74  |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 24A                | 03A035      |        |         | 0.19     |            |        |            |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 8/23/2011        | 24B                | 03A036      |        |         | 8.49     |            |        |            |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 8/23/2011        | 24C                | 03A037      |        |         | 8.75     |            |        |            |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 24D                | 03A038      |        |         | 9.33     |            |        |            |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 24E                | 03A039      |        |         | 13.25    |            |        |            |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 24F                | 03A040      |        |         | 14.85    |            |        |            |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 24G                | 03A041      |        |         | 16.21    |            |        |            |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 24H                | 03A042      |        |         | 17.66    |            |        |            |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 25  | 12/31/2003       |                    |             | BOONE  | CR 5/6  | 0.00     | JCT CR 5   | 0.60   | Dead End   | 0.60   |                          |                            |                            |                            |                            |  |
| 26  | 12/31/2003       |                    |             | BOONE  | CR 6    | 0.00     | JCT US 119 | 5.53   | JCT CR 1   | 5.53   |                          |                            |                            |                            |                            |  |
| 44  | 12/31/2003       |                    |             | BOONE  | CR 8    | 7.47     | JCT CR 8/4 | 7.94   | Lincoln CL | 0.47   |                          |                            |                            |                            |                            |  |
| 27  | 12/31/2003       |                    |             | BOONE  | CR 8/4  | 0.00     | CR 8       | 3.02   | Dead End   | 3.02   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 27A                | 03A048      |        |         | 1.50     |            |        |            |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 27B                | 03A128      |        |         | 2.19     |            |        |            |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 28  | 12/31/2003       |                    |             | BOONE  | CR 11/2 | 0.00     | JCT WV 85  | 0.97   | Dead End   | 0.97   |                          |                            |                            |                            |                            |  |
| 37  | 12/31/2003       |                    |             | BOONE  | CR 12   | 0.00     | CR 5       | 4.59   | Dead End   | 4.59   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 37A                | 03A057      |        |         | 3.99     |            |        |            |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 29  | 12/31/2003       |                    |             | BOONE  | CR 14   | 0.00     | JCT WV 3   | 0.35   | Dead End   | 0.35   |                          |                            |                            |                            |                            |  |
| 38  | 12/31/2003       |                    |             | BOONE  | CR 26   | 0.00     | WV 85      | 14.58  | Dead End   | 14.58  |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 38A                | 03A065      |        |         | 0.95     |            |        |            |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 38B                | 03A066      |        |         | 5.08     |            |        |            |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 38C                | 03A067      |        |         | 8.13     |            |        |            |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 38D                | 03A068      |        |         | 8.66     |            |        |            |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 38E                | 03A069      |        |         | 9.95     |            |        |            |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 39  | 12/31/2003       |                    |             | BOONE  | CR 28   | 0.00     | WV 17      | 6.49   | Dead End   | 6.49   |                          |                            |                            |                            |                            |  |
| 40  | 12/31/2003       |                    |             | BOONE  | CR 28/1 | 0.00     | CR 28      | 5.49   | WV 85      | 5.49   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 40A                | 03A072      |        |         | 0.05     |            |        |            |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 41  | 12/31/2003       |                    |             | BOONE  | CR 79/1 | 0.00     | CR 79/2    | 3.75   | Dead End   | 3.75   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 41A                | 03A073      |        |         | 0.01     |            |        |            |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 42  | 12/31/2003       |                    |             | BOONE  | CR 79/2 | 0.00     | WV 85      | 3.92   | Dead End   | 3.92   |                          |                            |                            |                            |                            |  |
| 43  | 12/31/2003       |                    |             | BOONE  | CR 79/3 | 0.00     | WV 17      | 0.94   | WV 85      | 0.94   |                          |                            |                            |                            |                            |  |
| 30  | 12/31/2003       |                    |             | BOONE  | CR 85/7 | 0.00     | JCT WV 85  | 1.20   | Dead End   | 1.20   |                          |                            |                            |                            |                            |  |
| 31  | 12/31/2003       |                    |             | BOONE  | CR 85/8 | 0.00     | US 119     | 0.53   | WV 85      | 0.53   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 31A                | 03A147      |        |         | 0.02     |            |        |            |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 31B                | 03A043      |        |         | 0.37     |            |        |            |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |

| Directory of Coal Resource Transportation System Roads (October 2013) |                  |                    |             |         |           |          |              |        |             |        |                          | SU-40                      | SU-45                      | 3S-55                      | 3S-60                      |  |
|---|------------------|--------------------|-------------|---------|-----------|----------|--------------|--------|-------------|--------|--------------------------|----------------------------|----------------------------|----------------------------|----------------------------|--|
| SECT #  | DATE OF CC ORDER | BRIDGE SUB SECTION | BARS NUMBER | COUNTY  | ROUTE #   | BEGIN MP | FROM         | END MP | TO          | LENGTH | FRACTURE CRITICAL MEMBER | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | ADDITIONAL RESTRICTIONS (SEE APPENDIX) |
| 32  | 12/31/2003       |                    |             | BOONE   | CR 85/11  | 0.00     | JCT WV 85    | 0.10   | Dead End    | 0.10   |                          |                            |                            |                            |                            |  |
| 36  | 12/31/2003       |                    |             | BOONE   | CR 85/23  | 0.00     | WV 85        | 0.49   | Dead End    | 0.49   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 36A                | 03A168      |         |           | 0.01     |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 33  | 12/31/2003       |                    |             | BOONE   | CR 119/9  | 0.00     | US 119       | 2.50   | Dead End    | 2.50   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 33A                | 03A148      |         |           | 0.02     |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 33B                | 03A160      |         |           | 1.34     |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 34  | 12/31/2003       |                    |             | BOONE   | CR 119/67 | 0.00     | US 119       | 0.18   | Dead End    | 0.18   |                          |                            |                            |                            |                            |  |
|   |                  |                    |             |         | TOTAL     |          |              |        |             | 209.58 |                          |                            |                            |                            |                            |  |
| 1   | 6/23/2005        |                    |             | BRAXTON | CR 19/29  | 0.00     | JCT CR 19/40 | 6.23   | JCT CR 36/1 | 6.23   |                          |                            |                            |                            |                            |  |
| 2   | 6/23/2005        |                    |             | BRAXTON | CR 36     | 3.64     | JCT CR 36/1  | 5.70   | Webster CL  | 2.06   |                          |                            |                            |                            |                            |  |
| 3   | 6/23/2005        |                    |             | BRAXTON | CR 36/1   | 0.00     | JCT CR 19/29 | 1.20   | JCT CR 36   | 1.20   |                          |                            |                            |                            |                            |  |
|   |                  |                    |             |         | TOTAL     |          |              |        |             | 9.49   |                          |                            |                            |                            |                            |  |
| 1   | 12/31/2003       |                    |             | CLAY    | WV 4      | 0.00     | Kanawha CL   | 10.80  | JCT WV 16   | 10.80  |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 1A                 | 08A009      |         |           | 5.44     |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 2   | 12/31/2003       |                    |             | CLAY    | WV 4      | 10.80    | JCT WV 16    | 21.98  | JCT WV 16   | 11.18  |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 2A                 | 08A095      |         |           | 10.82    |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 2B                 | 08A094      |         |           | 10.92    |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 7/26/2012        | 2C                 | 08A010      |         |           | 21.85    |              |        |             |        | NONE                     | 29                         | 30                         | 40                         | 40                         | NONE                                   |
| 3   | 12/31/2003       |                    |             | CLAY    | WV 4      | 21.98    | JCT WV 16    | 31.65  | Braxton CL  | 9.67   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 3A                 | 08A096      |         |           | 29.07    |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 4   | 12/31/2003       |                    |             | CLAY    | WV 16     | 0.00     | Nicholas CL  | 10.92  | JCT CR 17   | 10.92  |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 4A                 | 08A040      |         |           | 7.44     |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 5   | 12/31/2003       |                    |             | CLAY    | WV 16     | 10.92    | JCT CR 17    | 20.40  | JCT WV 4    | 9.48   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 5A                 | 08A041      |         |           | 12.35    |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 5B                 | 08A042      |         |           | 12.62    |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 5C                 | 08A043      |         |           | 14.75    |              |        |             |        | YES                      | 16                         | 16                         | 16                         | 16                         | See Appendix                           |
|   | 12/31/2003       | 5D                 | 08A110      |         |           | 17.04    |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 6   | 12/31/2003       |                    |             | CLAY    | WV 16     | 31.58    | JCT WV 4     | 42.06  | Calhoun CL  | 10.48  |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 6A                 | 08A109      |         |           | 35.08    |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 6B                 | 08A099      |         |           | 38.00    |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   |                  |                    |             |         | TOTAL     |          |              |        |             | 62.53  |                          |                            |                            |                            |                            |  |
| 1   | 12/31/2003       |                    |             | FAYETTE | WV 6      | 0.00     | JCT US 61    | 0.33   | Kanawha CL  | 0.33   |                          |                            |                            |                            |                            |  |
|   | 1/24/2012        | 1A                 | 10A020      |         |           | 0.12     |              |        |             |        | YES                      | 18                         | 19                         | 30                         | 30                         | See Appendix                           |
|   | 12/31/2003       |                    |             | KANAWHA | WV 6      |          |              |        |             |        |                          |                            |                            |                            |                            |  |
|   | 11/8/2005        | 1B                 | 20A585      |         |           | 0.07 N   |              |        |             |        | NONE                     | 20                         | 21                         | 29                         | 31                         | NONE                                   |
|   | 11/23/2009       | 1C                 | 20A584      |         |           | 0.07 S   |              |        |             |        | NONE                     | 20                         | 21                         | 29                         | 31                         | See Appendix                           |
| 2   | 12/31/2003       |                    |             | FAYETTE | WV 16     | 0.00     | Raleigh CL   | 23.74  | JCT US 60   | 23.74  |                          |                            |                            |                            |                            |  |
|   | 11/14/2006       | 2A                 | 10A087      |         |           | 1.00     |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 10/24/2005       | 2B                 | 10A303      |         |           | 1.57     |              |        |             |        | NONE                     | 27                         | 27                         | 43                         | 43                         | See Appendix                           |
|   | 1/26/2010        | 2C                 | 10A301      |         |           | 2.38     |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 8/30/2005        | 2D                 | 10A096      |         |           | 7.78     |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 1/1/2006         | 2E                 | 10A097      |         |           | 8.68     |              |        |             |        | NONE                     | 36                         | 36                         | 52                         | 52                         | See Appendix                           |
|   | 9/12/2006        | 2F                 | 10A098      |         |           | 8.98     |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 2G                 | 10A260      |         |           | 21.80    |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 10/6/2006        | 2H                 | 10A294      |         |           | 23.35    |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 3   | 12/31/2003       |                    |             | FAYETTE | WV 16     | 28.53    | JCT US 60    | 34.86  | JCT CR 16/3 | 6.33   |                          |                            |                            |                            |                            |  |
| 4   | 12/31/2003       |                    |             | FAYETTE | WV 16     | 34.86    | JCT CR 16/3  | 35.76  | Nicholas CL | 0.90   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 4A                 | 10A058      |         |           | 35.73    |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 5   | 12/31/2003       |                    |             | FAYETTE | WV 39     | 5.46     | WV 16        | 5.52   | Nicholas CL | 0.06   |                          |                            |                            |                            |                            |  |

| Directory of Coal Resource Transportation System Roads (October 2013) |                  |                    |             |         |         |          |              |        |               |        |                          | SU-40                      | SU-45                      | 3S-55                      | 3S-60                      | ADDITIONAL RESTRICTIONS (SEE APPENDIX) |
|---|------------------|--------------------|-------------|---------|---------|----------|--------------|--------|---------------|--------|--------------------------|----------------------------|----------------------------|----------------------------|----------------------------|--|
| SECT #  | DATE OF CC ORDER | BRIDGE SUB SECTION | BARS NUMBER | COUNTY  | ROUTE # | BEGIN MP | FROM         | END MP | TO            | LENGTH | FRACTURE CRITICAL MEMBER | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) |  |
| 28  | 12/31/2003       |                    |             | FAYETTE | WV 61   | 7.55     | JCT WV 16    | 27.85  | JCT CR 61/24  | 20.30  |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 28A                | 10A156      |         |         | 21.16    |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 28B                | 10A158      |         |         | 22.76    |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 28C                | 10A159      |         |         | 25.69    |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 28D                | 10A161      |         |         | 27.81    |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 6   | 12/31/2003       |                    |             | FAYETTE | WV 61   | 27.85    | JCT CR 61/24 | 30.98  | JCT WV 6      | 3.13   |                          |                            |                            |                            |                            |  |
| 7   | 12/31/2003       |                    |             | FAYETTE | WV 61   | 30.98    | JCT WV 6     | 31.48  | Kanawha CL    | 0.50   |                          |                            |                            |                            |                            |  |
| 8   | 12/31/2003       |                    |             | FAYETTE | WV 612  | 0.00     | JCT CR 15/4  | 0.20   | JCT CR 15     | 0.20   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 8A                 | 10A055      |         |         | 0.19     |              |        |               |        | NONE                     | 37                         | 39                         | NONE                       | NONE                       | NONE                                   |
| 29  | 12/31/2003       |                    |             | FAYETTE | WV 612  | 0.20     | JCT CR 15    | 8.40   | JCT US 19     | 8.20   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 29A                | 10A037      |         |         | 0.31     |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 6/15/2005        | 29B                | 10A036      |         |         | 0.46     |              |        |               |        | NONE                     | 24                         | 24                         | 36                         | 36                         | NONE                                   |
|   | 6/6/2006         | 29C                | 10A035      |         |         | 1.85     |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 7/5/2006         | 29D                | 10A034      |         |         | 2.26     |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 30  | 12/31/2003       |                    |             | FAYETTE | US 19   | 0.00     | Raleigh CL   | 26.92  | Nicholas CL   | 26.92  |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 30A                | 10A085      |         |         | 0.97N    |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 30B                | 10A086      |         |         | 0.97S    |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 30C                | 10A090      |         |         | 3.82N    |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 30D                | 10A091      |         |         | 3.82S    |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 30E                | 10A214      |         |         | 15.37    |              |        |               |        | YES                      | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 30F                | 10A245      |         |         | 26.12N   |              |        |               |        | YES                      | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 30G                | 10A246      |         |         | 26.12S   |              |        |               |        | YES                      | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 9   | 12/31/2003       |                    |             | FAYETTE | US 60   | 0.00     | Kanawha CL   | 0.26   | JCT CR 2      | 0.26   |                          |                            |                            |                            |                            |  |
| 10  | 12/31/2003       |                    |             | FAYETTE | US 60   | 0.26     | JCT CR 2     | 10.55  | JCT WV 16     | 10.29  |                          |                            |                            |                            |                            |  |
|   | 7/13/2005        | 10A                | 10A140      |         |         | 0.32     |              |        |               |        | NONE                     | 37                         | 38                         | NONE                       | NONE                       | NONE                                   |
| 27  | 12/31/2003       |                    |             | FAYETTE | US 60   | 10.55    | JCT WV 16    | 46.08  | Greenbrier CL | 35.53  |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 27A                | 10A142      |         |         | 10.57    |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 27B                | 10A143      |         |         | 19.89    |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 27C                | 10A144      |         |         | 26.17E   |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 27D                | 10A145      |         |         | 26.17W   |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 11  | 12/31/2003       |                    |             | FAYETTE | CR 2    | 0.00     | JCT US 60    | 9.73   | Nicholas CL   | 9.73   |                          |                            |                            |                            |                            |  |
|   | 7/19/2005        | 11A                | 10A003      |         |         | 0.70     |              |        |               |        | NONE                     | 40                         | 41                         | 55                         | 60                         | NONE                                   |
|   | 12/31/2003       | 11B                | 10A004      |         |         | 1.17     |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 11C                | 10A005      |         |         | 1.53     |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 11D                | 10A006      |         |         | 1.84     |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 6/1/2005         | 11E                | 10A007      |         |         | 3.04     |              |        |               |        | NONE                     | 40                         | 43                         | 55                         | 60                         | NONE                                   |
| 25  | 12/31/2003       |                    |             | FAYETTE | CR 2/7  | 0.00     | JCT CR 2     | 1.33   | Clay CL       | 1.33   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 25A                | 10A010      |         |         | 1.14     |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 12  | 12/31/2003       |                    |             | FAYETTE | CR 6/1  | 0.00     | JCT CR 61/24 | 4.81   | Dead End      | 4.81   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 12A                | 10A021      |         |         | 1.53     |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 13  | 12/31/2003       |                    |             | FAYETTE | CR 15   | 9.09     | JCT WV 612   | 17.91  | Kanawha CL    | 8.82   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 13A                | 10A293      |         |         | 9.85     |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 13B                | 10A039      |         |         | 10.14    |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 13C                | 10A040      |         |         | 11.14    |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 6/16/2010        | 13D                | 10A041      |         |         | 12.73    |              |        |               |        | NONE                     | 40                         | 41                         | 55                         | 57                         | NONE                                   |
|   | 1/1/2006         | 13E                | 10A044      |         |         | 13.61    |              |        |               |        | NONE                     | 29                         | 30                         | 46                         | 46                         | NONE                                   |
|   | 10/26/2011       | 13F                | 10A047      |         |         | 14.37    |              |        |               |        | YES                      | 20                         | 22                         | 31                         | 31                         | NONE                                   |
|   | 12/31/2003       | 13G                | 10A050      |         |         | 16.10    |              |        |               |        | YES                      | 25                         | 25                         | 39                         | 39                         | NONE                                   |
|   | 12/31/2003       | 13H                | 10A052      |         |         | 16.34    |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 13I                | 10A053      |         |         | 17.75    |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 32  | 12/31/2003       |                    |             | FAYETTE | CR 15/4 | 0.00     | JCT WV 612   | 1.01   | Dead End      | 1.01   |                          |                            |                            |                            |                            |  |
| 14  | 12/31/2003       |                    |             | FAYETTE | CR 16/3 | 0.00     | JCT WV 16    | 0.29   | Nicholas CL   | 0.29   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 14A                | 10A060      |         |         | 0.28     |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 15  | 12/31/2003       |                    |             | FAYETTE | CR 23   | 0.00     | JCT WV 612   | 6.47   | JCT CR 23/2   | 6.47   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 15A                | 10A104      |         |         | 6.25     |              |        |               |        | NONE                     | 33                         | 35                         | 46                         | 47                         | NONE                                   |

| Directory of Coal Resource Transportation System Roads (October 2013) |                  |                    |             |            |          |          |               |        |                  |        |                          | SU-40                      | SU-45                      | 3S-55                      | 3S-60                      |  |
|---|------------------|--------------------|-------------|------------|----------|----------|---------------|--------|------------------|--------|--------------------------|----------------------------|----------------------------|----------------------------|----------------------------|--|
| SECT #  | DATE OF CC ORDER | BRIDGE SUB SECTION | BARS NUMBER | COUNTY     | ROUTE #  | BEGIN MP | FROM          | END MP | TO               | LENGTH | FRACTURE CRITICAL MEMBER | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | ADDITIONAL RESTRICTIONS (SEE APPENDIX) |
| 16  | 12/31/2003       |                    |             | FAYETTE    | CR 23/2  | 0.00     | JCT CR 23     | 0.21   | JCT CR 23/9      | 0.21   |                          |                            |                            |                            |                            |  |
| 17  | 12/31/2003       |                    |             | FAYETTE    | CR 23/3  | 0.00     | JCT CR 23     | 1.90   | Dead End         | 1.90   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 17A                | 10A107      |            |          | 0.01     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 18  | 12/31/2003       |                    |             | FAYETTE    | CR 23/9  | 0.00     | JCT CR 23/2   | 0.31   | JCT CR 23/20     | 0.31   |                          |                            |                            |                            |                            |  |
| 19  | 12/31/2003       |                    |             | FAYETTE    | CR 23/14 | 0.00     | DELTA 77      | 0.31   | Dead End         | 0.31   |                          |                            |                            |                            |                            |  |
| 20  | 12/31/2003       |                    |             | FAYETTE    | CR 23/20 | 0.00     | JCT CR 23/9   | 0.40   | JCT CR 23/9      | 0.40   |                          |                            |                            |                            |                            |  |
| 31  | 12/31/2003       |                    |             | FAYETTE    | CR 27    | 0.00     | JCT CR 23     | 1.95   | JCT CR 27/1      | 1.95   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 31A                | 10A129      |            |          | 0.01     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 21  | 12/31/2003       |                    |             | FAYETTE    | CR 39/1  | 0.00     | Nicholas CL   | 0.23   | JCT CR 60/3      | 0.23   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 21A                | 10A290      |            |          | 0.01     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 21B                | 10A132      |            |          | 0.02     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 22  | 12/31/2003       |                    |             | FAYETTE    | CR 60/3  | 10.04    | JCT CR 39/1   | 11.98  | Dead End         | 1.94   |                          |                            |                            |                            |                            |  |
| 26  | 12/31/2003       |                    |             | FAYETTE    | CR 60/3  | 0.00     | JCT US 60     | 10.04  | CR 39/1          | 10.04  |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 26A                | 10A195      |            |          | 6.22     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 26B                | 10A198      |            |          | 8.63     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 26C                | 10A196      |            |          | 8.66     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 26D                | 10A197      |            |          | 8.85     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 26E                | 10A150      |            |          | 9.12     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 26F                | 10A255      |            |          | 9.62     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 26G                | 10A151      |            |          | 9.85     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 23  | 12/31/2003       |                    |             | FAYETTE    | CR 60/21 | 0.00     | JCT CR 60/3   | 0.88   | Dead End         | 0.88   |                          |                            |                            |                            |                            |  |
| 33  | 12/31/2003       |                    |             | FAYETTE    | CR 61/9  | 0.00     | Kanawha CL    | 0.60   | Kanawha CL       | 0.60   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 33A                | 10A173      |            |          | 0.50     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 24  | 12/31/2003       |                    |             | FAYETTE    | CR 61/24 | 0.00     | JCT WV 61     | 8.20   | Dead End         | 8.20   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 24A                | 10A239      |            |          | 0.70     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 24B                | 10A179      |            |          | 3.28     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 7/13/2005        | 24C                | 10A180      |            |          | 3.77     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 7/13/2005        | 24D                | 10A181      |            |          | 4.09     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 24E                | 10A182      |            |          | 4.43     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 24F                | 10A183      |            |          | 4.84     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   |                  |                    |             |            | TOTAL    |          |               |        |                  | 196.12 |                          |                            |                            |                            |                            |  |
| 1   | 12/31/2003       |                    |             | GREENBRIER | WV 20    | 6.75     | US 60         | 9.45   | JCT CR 44/2      | 2.70   |                          |                            |                            |                            |                            |  |
| 2   | 12/31/2003       |                    |             | GREENBRIER | WV 20    | 9.45     | JCT CR 44/2   | 13.31  | Nicholas CL      | 3.86   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 2A                 | 13A061      |            |          | 11.17    |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 3   | 12/31/2003       |                    |             | GREENBRIER | US 60    | 0.00     | Fayette CL    | 5.01   | JCT CR 20/28     | 5.01   |                          |                            |                            |                            |                            |  |
|   | 3/9/2007         | 3A                 | 13A102      |            |          | 1.13     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 3/9/2007         | 3B                 | 13A103      |            |          | 1.43     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 3C                 | 13A104      |            |          | 2.85     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 4   | 12/31/2003       |                    |             | GREENBRIER | US 60    | 5.01     | JCT CR 20/28  | 12.43  | JCT CR 8         | 7.42   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 4A                 | 13A107      |            |          | 9.57     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 4B                 | 13A108      |            |          | 11.44    |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 10  | 12/31/2003       |                    |             | GREENBRIER | US 60    | 12.43    | JCT CR 8      | 15.08  | I-64             | 2.65   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 10A                | 13A109      |            |          | 15.03    |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 5   | 12/31/2003       |                    |             | GREENBRIER | CR 1     | 0.00     | JCT US 60     | 6.85   | ANJEAN           | 6.85   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 5A                 | 13A001      |            |          | 4.45     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 6   | 12/31/2003       |                    |             | GREENBRIER | CR 8     | 0.00     | JCT US 60     | 2.00   | RR               | 2.00   |                          |                            |                            |                            |                            |  |
|   | 1/24/2011        | 6A                 | 13A258      |            |          | 1.96     |               |        |                  |        | YES                      | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 13  | 12/19/2012       |                    |             | GREENBRIER | CR 10/1  | 6.10     | Pvt. Haul Rd. | 11.6   | Surf. Mine. Ent. | 5.5    |                          |                            |                            |                            |                            |  |
| 11  | 12/31/2003       |                    |             | GREENBRIER | CR 20/1  | 0.00     | JCT CR 60/32  | 5.03   | JCT CR 60/32     | 5.03   |                          |                            |                            |                            |                            |  |
| 7   | 12/31/2003       |                    |             | GREENBRIER | CR 20/34 | 0.00     | JCT CR 44/2   | 0.28   | JCT WV 20        | 0.28   |                          |                            |                            |                            |                            |  |
| 14  | 12/19/2012       |                    |             | GREENBRIER | CR 39/4  | 0.00     | Pocahontas CL | 1.23   | Pvt. Haul Rd.    | 1.23   |                          |                            |                            |                            |                            |  |
| 8   | 12/31/2003       |                    |             | GREENBRIER | CR 44/2  | 0.00     | JCT WV 20     | 0.27   | RR               | 0.27   |                          |                            |                            |                            |                            |  |
| 9   | 12/31/2003       |                    |             | GREENBRIER | CR 44/5  | 0.00     | JCT CR 44/2   | 0.38   | Dead End         | 0.38   |                          |                            |                            |                            |                            |  |
| 12  | 12/31/2003       |                    |             | GREENBRIER | CR 60/32 | 0.00     | JCT US 60     | 0.82   | JCT CR 20/1      | 0.82   |                          |                            |                            |                            |                            |  |
|   | 6/2/2005         | 12A                | 13A252      |            |          | 0.69     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   |                  |                    |             |            | TOTAL    |          |               |        |                  | 44     |                          |                            |                            |                            |                            |  |



| Directory of Coal Resource Transportation System Roads (October 2013) |                  |                    |             |         |            |          |              |        |                 |        |                          | SU-40                      | SU-45                      | 3S-55                      | 3S-60                      |  |
|---|------------------|--------------------|-------------|---------|------------|----------|--------------|--------|-----------------|--------|--------------------------|----------------------------|----------------------------|----------------------------|----------------------------|--|
| SECT #  | DATE OF CC ORDER | BRIDGE SUB SECTION | BARS NUMBER | COUNTY  | ROUTE #    | BEGIN MP | FROM         | END MP | TO              | LENGTH | FRACTURE CRITICAL MEMBER | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | ADDITIONAL RESTRICTIONS (SEE APPENDIX) |
| 39  | 12/31/2003       |                    |             | KANAWHA | US 119     | 0.00     | Boone CL     | 17.16  | US 119 Spur     | 17.16  |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 39A                | 20A572      |         |            | 1.06N    |              |        |                 |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 39B                | 20A573      |         |            | 1.06S    |              |        |                 |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 39C                | 20A574      |         |            | 6.64N    |              |        |                 |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 39D                | 20A575      |         |            | 6.64S    |              |        |                 |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 39E                | 20A569      |         |            | 7.87     |              |        |                 |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 39F                | 20A570      |         |            | 11.07    |              |        |                 |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 39G                | 20A654      |         |            | 11.34N   |              |        |                 |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 39H                | 20A655      |         |            | 11.34S   |              |        |                 |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 39I                | 20A656      |         |            | 13.77N   |              |        |                 |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 39J                | 20A657      |         |            | 13.77S   |              |        |                 |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 39K                | 20A658      |         |            | 13.97N   |              |        |                 |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 39L                | 20A659      |         |            | 13.97S   |              |        |                 |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 38  | 12/31/2003       |                    |             | KANAWHA | US119 Spur | 0.00     | JCT US 119   | 0.30   | JCT WV 61       | 0.30   |                          |                            |                            |                            |                            |  |
| 32  | 12/31/2003       |                    |             | KANAWHA | CR 60/19   | 0.00     | JCT US 60    | 1.14   | Dead End        | 1.14   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 32A                | 20A175      |         |            | 0.34     |              |        |                 |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 13  | 12/31/2003       |                    |             | KANAWHA | CR 23/12   | 0.00     | JCT WV 61    | 1.79   | PUBLIC RD 40    | 1.79   |                          |                            |                            |                            |                            |  |
| 14  | 12/31/2003       |                    |             | KANAWHA | CR 44      | 0.00     | JCT WV 94    | 1.86   | Dead End        | 1.86   |                          |                            |                            |                            |                            |  |
| 44  | 12/31/2003       |                    |             | KANAWHA | CR 61/10   | 0.00     | JCT CR 61/11 | 0.80   | Fayette CL      | 0.80   |                          |                            |                            |                            |                            |  |
| 45  | 12/31/2003       |                    |             | KANAWHA | CR 61/10   | 1.40     | Fayette CL   | 1.50   | Dead End        | 0.10   |                          |                            |                            |                            |                            |  |
| 46  | 12/31/2003       |                    |             | KANAWHA | CR 61/11   | 0.00     | JCT WV 61    | 0.14   | JCT CR 61/10    | 0.14   |                          |                            |                            |                            |                            |  |
| 42  | 12/31/2003       |                    |             | KANAWHA | CR 72      | 0.00     | JCT WV 61    | 4.27   | Dead End        | 4.27   |                          |                            |                            |                            |                            |  |
| 15  | 12/31/2003       |                    |             | KANAWHA | CR 72/1    | 0.00     | CR 72        | 0.81   | Dead End        | 0.81   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 15A                | 20A208      |         |            | 0.01     |              |        |                 |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 16  | 12/31/2003       |                    |             | KANAWHA | CR 73      | 0.00     | JCT US 60    | 2.95   | JCT CR 73/5     | 2.95   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 16A                | 20A209      |         |            | 1.31     |              |        |                 |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 17  | 12/31/2003       |                    |             | KANAWHA | CR 73      | 2.95     | JCT CR 73/5  | 13.89  | JCT CR 81/8     | 10.94  |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 17A                | 20A210      |         |            | 4.28     |              |        |                 |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 17B                | 20A211      |         |            | 6.75     |              |        |                 |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 17C                | 20A212      |         |            | 9.24     |              |        |                 |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 17D                | 20A213      |         |            | 9.56     |              |        |                 |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 17E                | 20A737      |         |            | 10.49    |              |        |                 |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 17F                | 20A738      |         |            | 10.67    |              |        |                 |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 17G                | 20A216      |         |            | 11.49    |              |        |                 |        | NONE                     | 18                         | 26                         | 31                         | 36                         | See Appendix                           |
| 18  | 12/31/2003       |                    |             | KANAWHA | CR 73/5    | 0.00     | JCT CR 73    | 2.23   | Dead End        | 2.23   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 18A                | 20A221      |         |            | 0.01     |              |        |                 |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 18B                | 20A722      |         |            | 0.55     |              |        |                 |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 18C                | 20A223      |         |            | 1.89     |              |        |                 |        | YES                      | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 41  | 12/31/2003       |                    |             | KANAWHA | CR 75      | 0.00     | Boone CL     | 0.29   | JCT WV 94       | 0.29   |                          |                            |                            |                            |                            |  |
| 19  | 12/31/2003       |                    |             | KANAWHA | CR 76      | 0.00     | PUBLIC RD 76 | 4.27   | JCT CR 79/3     | 4.27   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 19A                | 20A225      |         |            | 1.50     |              |        |                 |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 19B                | 20A226      |         |            | 3.70     |              |        |                 |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 19C                | 20A227      |         |            | 4.19     |              |        |                 |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 20  | 12/31/2003       |                    |             | KANAWHA | CR 77/1    | 0.00     | JCT WV 61    | 5.40   | JCT RR Crossing | 5.40   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 20A                | 20A237      |         |            | 0.70     |              |        |                 |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 20B                | 20A238      |         |            | 3.96     |              |        |                 |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 20C                | 20A239      |         |            | 4.44     |              |        |                 |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 21  | 12/31/2003       |                    |             | KANAWHA | CR 79/1    | 0.00     | JCT CR 79/3  | 0.95   | Dead End        | 0.95   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 21A                | 20A788      |         |            | 0.95     |              |        |                 |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 22  | 12/31/2003       |                    |             | KANAWHA | CR 79/2    | 0.00     | JCT CR 79/3  | 0.10   | Dead End        | 0.10   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 22A                | 20A241      |         |            | 0.05     |              |        |                 |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 23  | 12/31/2003       |                    |             | KANAWHA | CR 79/3    | 0.00     | Raleigh CL   | 6.97   | JCT CR 76       | 6.97   |                          |                            |                            |                            |                            |  |
|   | 9/29/2005        | 23A                | 20A518      |         |            | 3.00     |              |        |                 |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 23B                | 20A773      |         |            | 3.50     |              |        |                 |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 23C                | 20A780      |         |            | 4.43     |              |        |                 |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 23D                | 20A796      |         |            | 4.89     |              |        |                 |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 23E                | 20A245      |         |            | 5.95     |              |        |                 |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 24  | 12/31/2003       |                    |             | KANAWHA | CR 79/3    | 6.97     | JCT CR 76    | 16.99  | JCT CR 79/1     | 10.02  |                          |                            |                            |                            |                            |  |

| Directory of Coal Resource Transportation System Roads (October 2013) |                  |                    |             |         |           |          |             |        |             |         |                          | SU-40                      | SU-45                      | 3S-55                      | 3S-60                      |  |
|---|------------------|--------------------|-------------|---------|-----------|----------|-------------|--------|-------------|---------|--------------------------|----------------------------|----------------------------|----------------------------|----------------------------|--|
| SECT #  | DATE OF CC ORDER | BRIDGE SUB SECTION | BARS NUMBER | COUNTY  | ROUTE #   | BEGIN MP | FROM        | END MP | TO          | LENGTH  | FRACTURE CRITICAL MEMBER | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | ADDITIONAL RESTRICTIONS (SEE APPENDIX) |
|   | 12/31/2003       | 24A                | 20A246      |         |           | 7.85     |             |        |             |         | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 24B                | 20A724      |         |           | 9.75     |             |        |             |         | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 24C                | 20A716      |         |           | 12.56    |             |        |             |         | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 24D                | 20A247      |         |           | 13.30    |             |        |             |         | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 24E                | 20A248      |         |           | 14.17    |             |        |             |         | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 25  | 12/31/2003       |                    |             | KANAWHA | CR 79/3   | 16.99    | JCT CR 79/1 | 18.93  | JCT WV 61   | 1.94    |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 25A                | 20A250      |         |           | 17.16    |             |        |             |         | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 35  | 12/31/2003       |                    |             | KANAWHA | CR 79/13  | 0.00     | JCT CR 79/3 | 0.45   | Dead End    | 0.45    |                          |                            |                            |                            |                            |  |
| 26  | 12/31/2003       |                    |             | KANAWHA | CR 81     | 0.00     | JCT US 60   | 14.34  | Clay CL     | 14.34   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 26A                | 20A253      |         |           | 2.29     |             |        |             |         | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 11/5/2010        | 26B                | 20A841      |         |           | 3.57     |             |        |             |         | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 6/2/2006         | 26C                | 20A255      |         |           | 4.92     |             |        |             |         | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 26D                | 20A256      |         |           | 5.72     |             |        |             |         | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 26E                | 20A257      |         |           | 5.82     |             |        |             |         | NONE                     | 21                         | 23                         | 32                         | 34                         | NONE                                   |
|   | 12/31/2003       | 26F                | 20A258      |         |           | 6.52     |             |        |             |         | NONE                     | 19                         | 20                         | 32                         | 34                         | NONE                                   |
|   | 12/31/2003       | 26G                | 20A522      |         |           | 14.33    |             |        |             |         | NONE                     | 36                         | 37                         | 53                         | 55                         | NONE                                   |
| 27  | 12/31/2003       |                    |             | KANAWHA | CR 81/8   | 0.00     | JCT CR 73   | 0.95   | Dead End    | 0.95    |                          |                            |                            |                            |                            |  |
| 43  | 12/31/2003       |                    |             | KANAWHA | CR 81/12  | 0.00     | JCT US 60   | 0.27   | JCT CR 81   | 0.27    |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 43A                | 20A748      |         |           | 0.23     |             |        |             |         | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 28  | 12/31/2003       |                    |             | KANAWHA | CR 83     | 0.00     | Fayette CL  | 7.12   | JCT CR 83/5 | 7.12    |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 28A                | 20A261      |         |           | 0.92     |             |        |             |         | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 28B                | 20A567      |         |           | 1.13     |             |        |             |         | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 28C                | 20A263      |         |           | 3.00     |             |        |             |         | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 28D                | 20A264      |         |           | 5.09     |             |        |             |         | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 29  | 12/31/2003       |                    |             | KANAWHA | CR 83     | 7.12     | JCT CR 83/5 | 13.37  | JCT WV 61   | 6.25    |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 29A                | 20A266      |         |           | 8.49     |             |        |             |         | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 83  |                  |                    |             | KANAWHA | CR 83/4   | 0.00     | JCT CR 83   | 1.242  | Dead End    | 1.242   |                          |                            |                            |                            |                            |  |
| 30  | 12/31/2003       |                    |             | KANAWHA | CR 85     | 0.00     | JCT US 60   | 6.44   | Dead End    | 6.44    |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 30A                | 20A741      |         |           | 1.30     |             |        |             |         | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 31  | 12/31/2003       |                    |             | KANAWHA | CR 119/26 | 0.00     | JCT WV 94   | 0.20   | Dead End    | 0.20    |                          |                            |                            |                            |                            |  |
|   |                  |                    |             |         | TOTAL     |          |             |        |             | 170.832 |                          |                            |                            |                            |                            |  |
| 8   | 6/1/2004         |                    |             | LINCOLN | US 119    | 0.00     | Boone CL    | 0.07   | Boone CL    | 0.07    |                          |                            |                            |                            |                            |  |
|   | 6/1/2004         | 8A                 | 22A102      |         |           | 0.04     |             |        |             |         | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 6/1/2004         | 8B                 | 22A103      |         |           | 0.04     |             |        |             |         | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 9   | 6/1/2004         |                    |             | LINCOLN | US 119    | 3.37     | Kanawha CL  | 8.04   | Kanawha CL  | 4.67    |                          |                            |                            |                            |                            |  |
|   | 6/1/2004         | 9A                 | 22A100      |         |           | 7.99N    |             |        |             |         | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 6/1/2004         | 9B                 | 22A101      |         |           | 7.99S    |             |        |             |         | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 1   | 12/31/2003       |                    |             | LINCOLN | WV 37     | 0.00     | Wayne CL    | 4.39   | JCT WV 10   | 4.39    |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 1A                 | 22A058      |         |           | 3.29     |             |        |             |         | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 1B                 | 22A059      |         |           | 4.35     |             |        |             |         | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 2   | 12/31/2003       |                    |             | LINCOLN | WV 10     | 0.00     | Logan CL    | 12.53  | JCT WV 37   | 12.53   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 2A                 | 22A031      |         |           | 4.71     |             |        |             |         | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 2B                 | 22A032      |         |           | 6.54     |             |        |             |         | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 2C                 | 22A034      |         |           | 10.42    |             |        |             |         | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 3   | 12/31/2003       |                    |             | LINCOLN | CR 46     | 8.80     | JCT CR 62   | 14.31  | JCT CR 66   | 5.51    |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 3A                 | 22A069      |         |           | 13.95    |             |        |             |         | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 4   | 12/31/2003       |                    |             | LINCOLN | CR 62     | 0.00     | JCT CR 46   | 7.27   | JCT WV 3    | 7.27    |                          |                            |                            |                            |                            |  |
| 5   | 12/31/2003       |                    |             | LINCOLN | CR 3/10   | 0.00     | Boone CL    | 1.94   | JCT WV 3    | 1.94    |                          |                            |                            |                            |                            |  |
|   | 12/5/2012        | 5A                 | 22A011      |         |           | 0.31     |             |        |             |         | NONE                     | 26                         | 27                         | 43                         | 43                         | NONE                                   |
|   | 1/26/2006        | 5B                 | 22A143      |         |           | 1.83     |             |        |             |         | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 6   | 12/31/2003       |                    |             | LINCOLN | WV 3      | 22.00    | JCT CR 62   | 23.74  | JCT CR 3/10 | 1.74    |                          |                            |                            |                            |                            |  |
| 7   | 12/31/2003       |                    |             | LINCOLN | WV 3      | 23.74    | JCT CR 3/10 | 24.18  | Boone CL    | 0.44    |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 7A                 | 22A008      |         |           | 24.03    |             |        |             |         | NONE                     | 31                         | 36                         | 46                         | 52                         | NONE                                   |
|   |                  |                    |             |         | TOTAL     |          |             |        |             | 38.56   |                          |                            |                            |                            |                            |  |











| Directory of Coal Resource Transportation System Roads (October 2013) |                  |                    |             |          |         |          |               |        |                  |        |                          | SU-40                      | SU-45                      | 3S-55                      | 3S-60                      | ADDITIONAL RESTRICTIONS (SEE APPENDIX) |
|---|------------------|--------------------|-------------|----------|---------|----------|---------------|--------|------------------|--------|--------------------------|----------------------------|----------------------------|----------------------------|----------------------------|--|
| SECT #  | DATE OF CC ORDER | BRIDGE SUB SECTION | BARS NUMBER | COUNTY   | ROUTE # | BEGIN MP | FROM          | END MP | TO               | LENGTH | FRACTURE CRITICAL MEMBER | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) |  |
| 60  | 12/31/2003       |                    |             | MCDOWELL | CR 1    | 3.69     | JCT CR 3      | 6.34   | JCT CR 1/14      | 2.65   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 60A                | 24A003      |          |         | 6.30     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 30  | 12/31/2003       |                    |             | MCDOWELL | CR 1    | 6.34     | JCT CR 1/14   | 9.79   | JCT US 52        | 3.45   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 30A                | 24A250      |          |         | 8.55     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 64  | 12/31/2003       |                    |             | MCDOWELL | CR 1/1  | 2.61     | Mingo CL      | 4.06   | Mingo CL         | 1.45   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 64A                | 24A007      |          |         | 2.61     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 82  | 4/13/2010        |                    |             | MCDOWELL | CR 1/4  | 0.00     | JCT CR 1      | 1.41   | Mine Haul Road   | 1.41   |                          |                            |                            |                            |                            |  |
|   | 4/13/2010        | 82A                | 24A012      |          |         | 1.28     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 31  | 12/31/2003       |                    |             | MCDOWELL | CR 1/5  | 0.00     | JCT CR 1      | 1.00   | ?                | 1.00   |                          |                            |                            |                            |                            |  |
| 59  | 12/31/2003       |                    |             | MCDOWELL | CR 1/14 | 0.00     | JCT CR 1      | 0.89   | Dead End         | 0.89   |                          |                            |                            |                            |                            |  |
| 32  | 12/31/2003       |                    |             | MCDOWELL | CR 2    | 3.03     | JCT CR 83/2   | 5.03   | .05 E of CR 83/1 | 2.00   |                          |                            |                            |                            |                            |  |
| 61  | 12/31/2003       |                    |             | MCDOWELL | CR 3    | 0.00     | JCT CR 1      | 0.47   | JCT CR 3/1       | 0.47   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 61A                | 24A017      |          |         | 0.08     |               |        |                  |        | NONE                     | 21                         | 23                         | 36                         | 38                         | NONE                                   |
| 62  | 12/31/2003       |                    |             | MCDOWELL | CR 3/1  | 0.00     | JCT CR 3      | 2.83   | Dead End         | 2.83   |                          |                            |                            |                            |                            |  |
|   | 7/23/2010        | 62A                | 24A018      |          |         | 0.01     |               |        |                  |        | NONE                     | 34                         | 35                         | 52                         | 52                         | NONE                                   |
| 70  | 5/14/2004        |                    |             | MCDOWELL | CR 3/2  | 6.62     | JCT CR 5/8    | 14.15  | JCT CR 3/1       | 7.53   |                          |                            |                            |                            |                            |  |
|   | 6/25/2009        | 70A                | 24A020      |          |         | 7.80     |               |        |                  |        | NONE                     | 40                         | 42                         | 55                         | 60                         | NONE                                   |
|   | 6/25/2009        | 70B                | 24A021      |          |         | 8.45     |               |        |                  |        | NONE                     | 40                         | 42                         | 55                         | 60                         | NONE                                   |
|   | 7/25/2006        | 70C                | 24A004      |          |         | 9.55     |               |        |                  |        | NONE                     | 18                         | 19                         | 28                         | 28                         | See Appendix                           |
|   | 7/23/2010        | 70D                | 24A022      |          |         | 12.60    |               |        |                  |        | YES                      | 21                         | 22                         | 36                         | 36                         | NONE                                   |
|   | 5/14/2004        | 70E                | 24A023      |          |         | 13.40    |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 80  |                  |                    |             | MCDOWELL | CR 4    | 0.00     | JCT CR 7      | 0.26   | JCT CR 4/1       |        |                          |                            |                            |                            |                            |  |
|   | 9/4/2008         | 80A                | 24A025      |          |         | 0.01     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 81  | 9/4/2008         |                    |             | MCDOWELL | CR 4/1  | 0.00     | JCT CR 4      | 3.4    | End of Roadway   |        |                          |                            |                            |                            |                            |  |
| 63  | 12/31/2003       |                    |             | MCDOWELL | CR 5/1  | 3.22     | JCT CR 5/8    | 11.40  | JCT WV 80        | 8.18   |                          |                            |                            |                            |                            |  |
| 33  | 12/31/2003       |                    |             | MCDOWELL | CR 5/5  | 0.00     | JCT CR 5/1    | 2.35   | JCT WV 80        | 2.35   |                          |                            |                            |                            |                            |  |
| 34  | 12/31/2003       |                    |             | MCDOWELL | CR 5/6  | 0.00     | JCT WV 80     | 0.78   | JCT CR 80/1      | 0.78   |                          |                            |                            |                            |                            |  |
| 35  | 12/31/2003       |                    |             | MCDOWELL | CR 5/8  | 0.00     | JCT CR 3/2    | 3.49   | JCT CR 5/1       | 3.49   |                          |                            |                            |                            |                            |  |
| 36  | 12/31/2003       |                    |             | MCDOWELL | CR 5/18 | 0.00     | JCT CR 5/8    | 1.21   | JCT CR 83/6      | 1.21   |                          |                            |                            |                            |                            |  |
| 37  | 12/31/2003       |                    |             | MCDOWELL | CR 6    | 0.00     | JCT US 52     | 5.28   | Wyoming CL       | 5.28   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 37A                | 24A242      |          |         | 0.41     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 82  | 8/18/2008        |                    |             | MCDOWELL | CR 7    | 6.61     | JCT CR 4      | 11.79  | JCT CR 7/2       | 5.18   |                          |                            |                            |                            |                            |  |
|   | 12/8/2011        | 82A                | LT20        |          |         | 6.62     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | See Appendix                           |
| 73  | 1/3/2005         |                    |             | MCDOWELL | CR 7    | 11.79    | JCT CR 7/2    | 14.19  | JCT WV 16        | 2.40   |                          |                            |                            |                            |                            |  |
|   | 1/3/2005         | 73A                | 24A244      |          |         | 13.84    |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 71  | 10/26/2004       |                    |             | MCDOWELL | CR 8/1  | 1.25     | Mining Access | 3.75   | Virginia SL      | 2.50   |                          |                            |                            |                            |                            |  |
| 38  | 12/31/2003       |                    |             | MCDOWELL | CR 9    | 0.00     | JCT WV 16     | 7.87   | JCT CR 9/6       | 7.87   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 38H                | 24A298      |          |         | 0.59     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 38A                | 24A271      |          |         | 1.93     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 38B                | 24A290      |          |         | 2.78     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 38C                | 24A063      |          |         | 3.82     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 38D                | 24A266      |          |         | 4.44     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 38E                | 24A251      |          |         | 6.07     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 38F                | 24A246      |          |         | 6.39     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 38G                | 24A069      |          |         | 7.05     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 39  | 12/31/2003       |                    |             | MCDOWELL | CR 9    | 7.87     | JCT CR 9/6    | 9.20   | Virginia SL      | 1.33   |                          |                            |                            |                            |                            |  |
| 40  | 12/31/2003       |                    |             | MCDOWELL | CR 9/6  | 0.00     | JCT CR 9      | 1.06   | Virginia SL      | 1.06   |                          |                            |                            |                            |                            |  |
|   | 6/9/2006         | 40A                | 24A272      |          |         | 0.01     |               |        |                  |        | NONE                     | 31                         | 35                         | 45                         | 49                         | NONE                                   |
|   | 7/18/2012        | 40B                | 24A073      |          |         | 0.81     |               |        |                  |        | NONE                     | 35                         | 42                         | 45                         | 49                         | NONE                                   |
| 41  | 12/31/2003       |                    |             | MCDOWELL | CR 11   | 0.00     | JCT CR 9      | 2.01   | JCT WV 16        | 2.01   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 41A                | 24A076      |          |         | 0.04     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 8/23/2010        | 41B                | 24A078      |          |         | 1.98     |               |        |                  |        | NONE                     | 25                         | 28                         | 41                         | 41                         | NONE                                   |
| 42  | 12/31/2003       |                    |             | MCDOWELL | CR 12/3 | 0.00     | JCT WV 16     | 3.12   | JCT CR 12/5      | 3.12   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 42A                | 24A079      |          |         | 0.08     |               |        |                  |        | NONE                     | 27                         | 30                         | 48                         | 50                         | NONE                                   |
| 43  | 12/31/2003       |                    |             | MCDOWELL | CR 12/5 | 0.00     | JCT WV 16     | 1.98   | JCT CR 12/3      | 1.98   |                          |                            |                            |                            |                            |  |
| 44  | 12/31/2003       |                    |             | MCDOWELL | CR 13   | 0.00     | JCT WV 103    | 1.22   | JCT CR 13/2      | 1.22   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 44A                | 24A089      |          |         | 0.01     |               |        |                  |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 45  | 12/31/2003       |                    |             | MCDOWELL | CR 13   | 1.22     | JCT CR 13/2   | 2.47   | JCT CR 13/3      | 1.25   |                          |                            |                            |                            |                            |  |

| Directory of Coal Resource Transportation System Roads (October 2013) |                  |                    |             |          |         |          |             |        |          |        | SU-40                    | SU-45                      | 3S-55                      | 3S-60                      |                            |  |
|---|------------------|--------------------|-------------|----------|---------|----------|-------------|--------|----------|--------|--------------------------|----------------------------|----------------------------|----------------------------|----------------------------|--|
| SECT #  | DATE OF CC ORDER | BRIDGE SUB SECTION | BARS NUMBER | COUNTY   | ROUTE # | BEGIN MP | FROM        | END MP | TO       | LENGTH | FRACTURE CRITICAL MEMBER | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | ADDITIONAL RESTRICTIONS (SEE APPENDIX) |
|   | 12/31/2003       | 45A                | 24A303      |          |         | 2.39     |             |        |          |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 46  | 12/31/2003       |                    |             | MCDOWELL | CR 13   | 2.47     | JCT CR 13/3 | 8.00   | Dead End | 5.53   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 46A                | 24A091      |          |         | 2.79     |             |        |          |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 1/26/2010        | 46B                | 24A092      |          |         | 3.80     |             |        |          |        | NONE                     | 38                         | 40                         | 53                         | 58                         | NONE                                   |

| Directory of Coal Resource Transportation System Roads (October 2013) |                  |                    |             |          |          |          |               |        |               |        |                          | SU-40                      | SU-45                      | 3S-55                      | 3S-60                      |  |
|---|------------------|--------------------|-------------|----------|----------|----------|---------------|--------|---------------|--------|--------------------------|----------------------------|----------------------------|----------------------------|----------------------------|--|
| SECT #  | DATE OF CC ORDER | BRIDGE SUB SECTION | BARS NUMBER | COUNTY   | ROUTE #  | BEGIN MP | FROM          | END MP | TO            | LENGTH | FRACTURE CRITICAL MEMBER | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | ADDITIONAL RESTRICTIONS (SEE APPENDIX) |
| 47  | 12/31/2003       |                    |             | MCDOWELL | CR 13/2  | 0.00     | JCT CR 12/5   | 7      | ?             | 7.00   |                          |                            |                            |                            |                            |  |
| 48  | 12/31/2003       |                    |             | MCDOWELL | CR 13/3  | 0.00     | JCT CR 13     | 1.39   | Dead End      | 1.39   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 48A                | 24A098      |          |          | 0.01     |               |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 49  | 12/31/2003       |                    |             | MCDOWELL | CR 13/4  | 0.00     | JCT WV 161    | 3.00   | Dead End      | 3.00   |                          |                            |                            |                            |                            |  |
| 50  | 12/31/2003       |                    |             | MCDOWELL | CR 15/3  | 0.00     | JCT WV 161    | 1.00   | Dead End      | 1.00   |                          |                            |                            |                            |                            |  |
| 72  | 1/5/2005         |                    |             | MCDOWELL | CR 15/8  | 0.00     | JCT WV 103    | 0.72   | Dead End      | 0.72   |                          |                            |                            |                            |                            |  |
| 51  | 12/31/2003       |                    |             | MCDOWELL | CR 15/11 | 0.00     | JCT WV 103    | 3.01   | JCT CR 52/9   | 3.01   |                          |                            |                            |                            |                            |  |
| 52  | 12/31/2003       |                    |             | MCDOWELL | CR 17    | 0.00     | JCT US 52     | 3.03   | JCT CR 17/2   | 3.03   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 52A                | 24A112      |          |          | 0.05     |               |        |               |        | NONE                     | 35                         | 40                         | 50                         | 55                         | NONE                                   |
|   | 11/5/2010        | 52B                | 24A324      |          |          | 0.49     |               |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 7/7/2009         | 52C                | 24A315      |          |          | 1.14     |               |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 8/11/2009        | 52D                | 24A317      |          |          | 2.16     |               |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 74  | 3/17/2005        |                    |             | MCDOWELL | CR 17    | 3.03     | JCT CR 17/2   | 7.88   | Mercer CL     | 4.85   |                          |                            |                            |                            |                            |  |
|   | 4/9/2009         | 74A                | 24A116      |          |          | 5.59     |               |        |               |        | NONE                     | 19                         | 22                         | 30                         | 30                         | NONE                                   |
|   | 3/28/2012        | 74B                | 24A117      |          |          | 6.03     |               |        |               |        | NONE                     | 40                         | 43                         | 55                         | 60                         | NONE                                   |
|   | 3/17/2005        | 74C                | 24A262      |          |          | 6.60     |               |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 53  | 12/31/2003       |                    |             | MCDOWELL | CR 17/2  | 0.00     | JCT CR 17     | 0.65   | Dead End      | 0.65   |                          |                            |                            |                            |                            |  |
| 54  | 12/31/2003       |                    |             | MCDOWELL | CR 52/5  | 0.00     | JCT CR 52/17  | 3.54   | JCT US 52     | 3.54   |                          |                            |                            |                            |                            |  |
| 67  | 12/31/2003       |                    |             | MCDOWELL | CR 52/6  | 0.00     | JCT US 52     | 0.80   | Haul Rd       | 0.80   |                          |                            |                            |                            |                            |  |
| 65  | 12/31/2003       |                    |             | MCDOWELL | CR 52/6  | 2.86     | JCT CR 52/41  | 6.29   | Wyoming CL    | 3.43   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 65A                | 24A205      |          |          | 2.90     |               |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 65B                | 24A145      |          |          | 3.40     |               |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 66  | 12/31/2003       |                    |             | MCDOWELL | CR 52/8  | 0.00     | JCT US 52     | 3.30   | Dead End      | 3.30   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 66A                | 24A146      |          |          | 0.12     |               |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 66B                | 24A149      |          |          | 0.46     |               |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 66C                | 24A206      |          |          | 0.71     |               |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 66D                | 24A150      |          |          | 1.00     |               |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 66E                | 24A207      |          |          | 1.20     |               |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 55  | 12/31/2003       |                    |             | MCDOWELL | CR 52/9  | 0.00     | JCT CR 15/11  | 2.74   | JCT US 52     | 2.74   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 55A                | 24A253      |          |          | 2.00     |               |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 68  | 12/31/2003       |                    |             | MCDOWELL | CR 52/13 | 0.00     | JCT US 52     | 0.02   | HARP 962      | 0.02   |                          |                            |                            |                            |                            |  |
| 83  | 11/4/2011        |                    |             | MCDOWELL | CR 52/23 | 0.00     | JCT US 52     | 0.19   | JCT US 52     | 0.19   |                          |                            |                            |                            |                            |  |
| 56  | 12/31/2003       |                    |             | MCDOWELL | CR 80/1  | 0.00     | JCT CR 5/6    | 1.43   | Dead End      | 1.43   |                          |                            |                            |                            |                            |  |
| 57  | 12/31/2003       |                    |             | MCDOWELL | CR 83/2  | 0.00     | JCT WV 83     | 2.17   | JCT CR 2      | 2.17   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 57A                | 24A323      |          |          | 0.04     |               |        |               |        | NONE                     | 11                         | 13                         | 15                         | 17                         | See Appendix                           |
| 69  | 12/31/2003       |                    |             | MCDOWELL | HARP 962 | 0.00     | JCT CR 52/13  | 0.15   | Dead End      | 0.15   |                          |                            |                            |                            |                            |  |
| 58  | 12/31/2003       |                    |             | MCDOWELL | HARP 994 | 0.00     | JCT WV 635    | 2.00   | ?             | 2.00   |                          |                            |                            |                            |                            |  |
| 75  | 6/30/2005        |                    |             | MCDOWELL | CR 52/22 | 0.00     | JCT US 52     | 1.90   | Dead End      | 1.90   |                          |                            |                            |                            |                            |  |
| 76  | 6/30/2005        |                    |             | MCDOWELL | CR 103/8 | 0.00     | JCT WV 103    | 2.37   | JCT CR 52/22  | 2.37   |                          |                            |                            |                            |                            |  |
| 77  | 11/3/2006        |                    |             | MCDOWELL | CR 83/1  | 0.00     | JCT WV 83     | 0.04   | JCT CR 83/48  | 0.04   |                          |                            |                            |                            |                            |  |
|   | 12/31/2006       | 77A                | 24A171      |          |          | 0.01     |               |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 78  | 11/3/2006        |                    |             | MCDOWELL | CR 83/1  | 0.26     | JCT CR 83/48  | 3.21   | JCT CR 2      | 2.95   |                          |                            |                            |                            |                            |  |
| 79  | 11/3/2006        |                    |             | MCDOWELL | CR 83/48 | 0.00     | S JCT CR 83/1 | 0.22   | N JCT CR 83/1 | 0.22   |                          |                            |                            |                            |                            |  |
|   |                  |                    |             |          | TOTAL    |          |               |        |               | 274.1  |                          |                            |                            |                            |                            |  |
| 1   | 12/31/2003       |                    |             | MERCER   | WV 10    | 0.00     | JCT US 19     | 13.87  | Wyoming CL    | 13.87  |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 1A                 | 28A193      |          |          | 0.51     |               |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 1B                 | 28A018      |          |          | 6.76     |               |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 7/15/2011        | 1C                 | 28A019      |          |          | 6.91     |               |        |               |        | NONE                     | 40                         | 42                         | 55                         | 59                         | NONE                                   |
|   | 12/31/2003       | 1D                 | 28A020      |          |          | 7.60     |               |        |               |        | NONE                     | 30                         | 32                         | 40                         | 42                         | See Appendix                           |
|   | 12/31/2003       | 1E                 | 28A021      |          |          | 8.42     |               |        |               |        | NONE                     | 30                         | 32                         | 40                         | 42                         | See Appendix                           |
| 2   | 12/31/2003       |                    |             | MERCER   | WV 20    | 0.00     | JCT US 52     | 6.57   | JCT CR 19/33  | 6.57   |                          |                            |                            |                            |                            |  |
| 3   | 12/31/2003       |                    |             | MERCER   | WV 71    | 0.00     | JCT US 52     | 3.49   | JCT CR 11     | 3.49   |                          |                            |                            |                            |                            |  |

| Directory of Coal Resource Transportation System Roads (October 2013)  |                  |                    |             |        |          |          |              |        |               |        |                          | SU-40                      | SU-45                      | 3S-55                      | 3S-60                      | ADDITIONAL RESTRICTIONS (SEE APPENDIX) |
|--|------------------|--------------------|-------------|--------|----------|----------|--------------|--------|---------------|--------|--------------------------|----------------------------|----------------------------|----------------------------|----------------------------|--|
| SECT #   | DATE OF CC ORDER | BRIDGE SUB SECTION | BARS NUMBER | COUNTY | ROUTE #  | BEGIN MP | FROM         | END MP | TO            | LENGTH | FRACTURE CRITICAL MEMBER | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) |  |
| 4  | 12/31/2003       |                    |             | MERCER | US 19    | 17.55    | JCT WV 10    | 28.71  | JCT I-77      | 11.16  |                          |                            |                            |                            |                            |  |
|  | 12/31/2003       | 4A                 | 28A186      |        |          | 17.77    |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|  | 12/31/2003       | 4B                 | 28A060      |        |          | 19.89    |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|  | 12/31/2003       | 4C                 | 28A187      |        |          | 20.58    |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|  | 12/31/2003       | 4D                 | 28A192      |        |          | 21.65    |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|  | 12/31/2003       | 4E                 | 28A188      |        |          | 22.03    |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|  | 2/3/2010         | 4F                 | 28A064      |        |          | 24.99    |              |        |               |        | NONE                     | 20                         | 20                         | 32                         | 32                         |  |
|  | 12/31/2003       | 4G                 | 28A065      |        |          | 28.49    |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
| 5  | 12/31/2003       |                    |             | MERCER | US 52    | 0.00     | McDowell CL  | 6.72   | JCT WV 71     | 6.72   |                          |                            |                            |                            |                            |  |
|  | 12/31/2003       | 5A                 | 28A218      |        |          | 1.40     |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|  | 12/31/2003       | 5B                 | 28A101      |        |          | 2.20     |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|  | 12/31/2003       | 5C                 | 28A102      |        |          | 2.60     |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|  | 12/31/2003       | 5D                 | 28A103      |        |          | 3.55     |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
| 6  | 12/31/2003       |                    |             | MERCER | US 52    | 6.72     | JCT WV 71    | 6.91   | JCT WV 20     | 0.19   |                          |                            |                            |                            |                            |  |
| 7  | 12/31/2003       |                    |             | MERCER | US 52    | 6.91     | JCT WV 20    | 11.09  | JOIN US 19    | 4.18   |                          |                            |                            |                            |                            |  |
|  | 12/31/2003       | 7A                 | 28A217      |        |          | 8.60     |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|  | 12/31/2003       | 7B                 | 28A302      |        |          | 10.72    |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
| 8  | 12/31/2003       |                    |             | MERCER | US 52    | 11.87    | LEAVE US 19  | 14.91  | JCT US 460    | 3.04   |                          |                            |                            |                            |                            |  |
| 9  | 12/31/2003       |                    |             | MERCER | US 52    | 14.91    | JCT US 460   | 16.11  | JCT US 460    | 1.20   |                          |                            |                            |                            |                            |  |
| 10   | 12/31/2003       |                    |             | MERCER | US 52    | 16.11    | JCT US 460   | 18.82  | JCT I-77      | 2.71   |                          |                            |                            |                            |                            |  |
|  | 12/31/2003       | 10A                | 28A159      |        |          | 18.76    |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
| 11   | 12/31/2003       |                    |             | MERCER | US 460   | 4.29     | JCT US 52    | 15.57  | JCT I-77      | 11.28  |                          |                            |                            |                            |                            |  |
|  | 12/31/2003       | 11A                | 28A167      |        |          | 11.84    |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|  | 12/31/2003       | 11B                | 28A132      |        |          | 13.48 E  |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|  | 12/31/2003       | 11C                | 28A168      |        |          | 13.48 W  |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|  | 12/31/2003       | 11D                | 28A136      |        |          | 15.57E   |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|  | 12/31/2003       | 11E                | 28A169      |        |          | 15.57W   |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|  | 12/31/2003       | 11F                | 28A155      |        | US 19 ▼  | 5.40 N   |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|  | 12/31/2003       | 11G                | 28A146      |        | US 19 ▼  | 5.40 S   |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|  | 12/31/2003       | 11H                | 28A177      |        | US 19 ▼  | 8.61     |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|  | 12/31/2003       | 11I                | 28A056      |        | US 19 ▼  | 10.71    |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
| 25   | 4/17/2013        |                    |             | MERCER | US 460   | 15.57    | JCT I-77     | 27.06  | VA State Line | 11.49  | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
| ▼ =These bridges are located on a section of US 19 that overlaps US 460 and were added to the CRTS through the designation of this section of US 460. See CRTS Mercer County 2 Map for location. |                  |                    |             |        |          |          |              |        |               |        |                          |                            |                            |                            |                            |  |
| 12   | 12/31/2003       |                    |             | MERCER | CR 11    | 8.64     | JCT WV 71    | 8.85   | JCT CR 11/4   | 0.21   |                          |                            |                            |                            |                            |  |
|  | 12/31/2003       | 12A                | 28A028      |        |          | 8.67     |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
| 16   | 3/17/2005        |                    |             | MERCER | CR 11    | 8.85     | JCT CR 11/4  | 9.91   | JCT CR 11/9   | 1.06   |                          |                            |                            |                            |                            |  |
| 17   | 3/17/2005        |                    |             | MERCER | CR 11    | 9.91     | JCT CR 11/9  | 13.06  | JCT CR 13     | 3.15   |                          |                            |                            |                            |                            |  |
|  | 3/17/2005        | 17A                | 28A029      |        |          | 10.73    |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|  | 3/17/2005        | 17B                | 28A300      |        |          | 12.36    |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|  | 3/17/2005        | 17C                | 28A031      |        |          | 12.86    |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
| 18   | 3/17/2005        |                    |             | MERCER | CR 11    | 13.06    | JCT CR 13    | 17.50  | N OF RR U/P   | 4.44   |                          |                            |                            |                            |                            |  |
|  | 3/17/2005        | 18A                | 28A032      |        |          | 13.11    |              |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
| 13   | 12/31/2003       |                    |             | MERCER | CR 11/4  | 0.00     | JCT CR 11    | 5.00   | JCT HA 902/63 | 5.0    |                          |                            |                            |                            |                            |  |
| 14   | 12/31/2003       |                    |             | MERCER | CR 19/29 | 0.00     | JCT CR 19/33 | 1.51   | JCT US 19     | 1.51   |                          |                            |                            |                            |                            |  |
| 15   | 12/31/2003       |                    |             | MERCER | CR 19/33 | 4.44     | JCT CR 19/29 | 5.14   | JCT WV 20     | 0.70   |                          |                            |                            |                            |                            |  |
| 19   | 3/17/2005        |                    |             | MERCER | CR 13    | 0.00     | CR 11        | 2.64   | CR 52/1       | 2.64   |                          |                            |                            |                            |                            |  |
| 20   | 3/17/2005        |                    |             | MERCER | CR 13    | 2.64     | CR 52/1      | 3.50   | MERCER CL     | 0.86   |                          |                            |                            |                            |                            |  |
| 21   | 9/9/2005         |                    |             | MERCER | CR 52/1  | 0.00     | US 52        | 4.16   | CR 13         | 4.16   |                          |                            |                            |                            |                            |  |
| 22   | 3/17/2005        |                    |             | MERCER | CR 11/9  | 0.00     | CR 11        | 0.68   | Dead End      | 0.68   |                          |                            |                            |                            |                            |  |
| 23   | 3/17/2005        |                    |             | MERCER | CR 11/15 | 0.00     | CR 11        | 0.86   | Dead End      | 0.86   |                          |                            |                            |                            |                            |  |
| 24   | 4/15/2005        |                    |             | MERCER | CR 8     | 0.00     | JCT WV 10    | 0.75   | Mine          | 0.75   |                          |                            |                            |                            |                            |  |
|  |                  |                    |             |        | TOTAL    |          |              |        |               | 101.92 |                          |                            |                            |                            |                            |  |



| Directory of Coal Resource Transportation System Roads (October 2013) |                  |                    |             |        |         |          |              |        |             |        |                          | SU-40                      | SU-45                      | 3S-55                      | 3S-60                      | ADDITIONAL RESTRICTIONS (SEE APPENDIX) |      |
|---|------------------|--------------------|-------------|--------|---------|----------|--------------|--------|-------------|--------|--------------------------|----------------------------|----------------------------|----------------------------|----------------------------|--|------|
| SECT #  | DATE OF CC ORDER | BRIDGE SUB SECTION | BARS NUMBER | COUNTY | ROUTE # | BEGIN MP | FROM         | END MP | TO          | LENGTH | FRACTURE CRITICAL MEMBER | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) |  |      |
| 1   | 12/31/2003       |                    |             | MINGO  | WV 49   | 0.07     | JCT CR 49/18 | 6.93   | JCT WV 65   | 6.86   |                          |                            |                            |                            |                            |  |      |
|   | 12/31/2003       | 1A                 | 30A258      |        |         | 1.67     |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   | NONE |
|   | 12/31/2003       | 1B                 | 30A058      |        |         | 2.86     |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   | NONE |
|   | 12/31/2003       | 1C                 | 30A186      |        |         | 6.86     |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   | NONE |
| 2   | 12/31/2003       |                    |             | MINGO  | WV 49   | 6.93     | JCT WV 65    | 19.34  | JCT US 52   | 12.41  |                          |                            |                            |                            |                            |  |      |
| 3   | 12/31/2003       |                    |             | MINGO  | WV 65   | 0.00     | JCT WV 49    | 2.69   | JCT CR 6    | 2.69   |                          |                            |                            |                            |                            |  |      |
|   | 7/20/2012        | 3A                 | 30A041      |        |         | 0.84     |              |        |             |        | NONE                     | 40                         | 40                         | 55                         | 57                         | NONE                                   | NONE |
|   | 12/31/2003       | 3B                 | 30A201      |        |         | 1.54     |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   | NONE |
| 4   | 12/31/2003       |                    |             | MINGO  | WV 65   | 2.69     | JCT CR 6     | 4.83   | JCT US 52   | 2.14   |                          |                            |                            |                            |                            |  |      |
|   | 12/31/2003       | 4A                 | 30A184      |        |         | 4.83     |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   | NONE |
| 5   | 12/31/2003       |                    |             | MINGO  | WV 65   | 8.40     | JCT US 52    | 8.99   | JCT CR 65/5 | 0.59   |                          |                            |                            |                            |                            |  |      |
| 6   | 12/31/2003       |                    |             | MINGO  | WV 65   | 8.99     | JCT CR 65/5  | 16.63  | JCT US 119  | 7.64   |                          |                            |                            |                            |                            |  |      |
|   | 12/31/2003       | 6A                 | 30A195      |        |         | 12.92    |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   | NONE |
|   | 12/31/2003       | 6B                 | 30A123      |        |         | 15.00    |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   | NONE |
|   | 12/31/2003       | 6C                 | 30A084      |        |         | 16.13    |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   | NONE |
| 7   | 12/31/2003       |                    |             | MINGO  | WV 65   | 16.63    | JCT US 119   | 19.68  | JCT CR 3/5  | 3.05   |                          |                            |                            |                            |                            |  |      |
|   | 12/31/2003       | 7A                 | 30A082      |        |         | 19.63    |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   | NONE |
| 55  | 6/1/2004         |                    |             | MINGO  | WV 65   | 19.68    | JCT CR 3/5   | 23.87  | JCT US 52   | 4.19   |                          |                            |                            |                            |                            |  |      |
| 8   | 12/31/2003       |                    |             | MINGO  | WV 80   | 4.60     | JCT US 52    | 10.98  | Logan CL    | 6.38   |                          |                            |                            |                            |                            |  |      |
|   | 12/31/2003       | 8A                 | 30A199      |        |         | 7.00     |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   | NONE |
|   | 12/31/2003       | 8B                 | 30A158      |        |         | 7.70     |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   | NONE |
|   | 12/31/2003       | 8C                 | 30A240      |        |         | 10.95    |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   | NONE |
| 9   | 12/31/2003       |                    |             | MINGO  | US 52   | 0.00     | Wayne CL     | 7.83   | JCT WV 65   | 7.83   |                          |                            |                            |                            |                            |  |      |
|   | 12/31/2003       | 9A                 | 30A110      |        |         | 2.73     |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   | NONE |
| 10  | 12/31/2003       |                    |             | MINGO  | US 52   | 7.83     | JCT WV 65    | 12.90  | JCT US 119  | 5.07   |                          |                            |                            |                            |                            |  |      |
|   | 12/31/2003       | 10A                | 30A111      |        |         | 7.85     |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   | NONE |
| 11  | 12/31/2003       |                    |             | MINGO  | US 52   | 12.90    | JCT US 119   | 20.28  | JCT US 119  | 7.38   |                          |                            |                            |                            |                            |  |      |
|   | 12/31/2003       | 11A                | 30A176      |        |         | 13.02    |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   | NONE |
|   | 12/31/2003       | 11B                | 30A175      |        |         | 13.97    |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   | NONE |
|   | 12/31/2003       | 11C                | 30A189      |        |         | 17.15    |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   | NONE |
|   | 12/31/2003       | 11D                | 30A188      |        |         | 17.40    |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   | NONE |
|   | 12/31/2003       | 11E                | 30A187      |        |         | 18.21    |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   | NONE |
|   | 12/31/2003       | 11F                | 30A197      |        |         | 19.09    |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   | NONE |
|   | 12/31/2003       | 11G                | 30A196      |        |         | 19.25    |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   | NONE |
|   | 12/31/2003       | 11H                | 30A066      |        |         | 20.99    |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   | NONE |
| 12  | 12/31/2003       |                    |             | MINGO  | US 52   | 20.28    | JCT US 119   | 28.78  | JCT WV 65   | 8.50   |                          |                            |                            |                            |                            |  |      |
|   | 12/31/2003       | 12A                | 30A162      |        |         | 22.17    |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   | NONE |
| 13  | 12/31/2003       |                    |             | MINGO  | US 52   | 28.78    | JCT WV 65    | 32.35  | JCT WV 65   | 3.57   |                          |                            |                            |                            |                            |  |      |
|   | 12/31/2003       | 13A                | 30A216      |        |         | 29.21    |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   | NONE |
| 14  | 12/31/2003       |                    |             | MINGO  | US 52   | 32.35    | JCT WV 65    | 42.00  | JCT CR 8    | 9.65   |                          |                            |                            |                            |                            |  |      |
|   | 1/1/2006?        | 14A                | 30A254      |        |         | 35.61    |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   | NONE |
| 15  | 12/31/2003       |                    |             | MINGO  | US 52   | 42.00    | JCT CR 8     | 52.57  | JCT WV 80   | 10.57  |                          |                            |                            |                            |                            |  |      |
|   | 12/31/2003       | 15A                | 30A072      |        |         | 48.63    |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   | NONE |
|   | 12/31/2003       | 15B                | 30A190      |        |         | 52.44    |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   | NONE |
| 16  | 12/31/2003       |                    |             | MINGO  | US 52   | 52.57    | JCT WV 80    | 56.94  | Wyoming CL  | 4.37   |                          |                            |                            |                            |                            |  |      |
|   | 12/31/2003       | 16A                | 30A181      |        |         | 56.56    |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   | NONE |
| 17  | 12/31/2003       |                    |             | MINGO  | US 119  | 0.00     | Kentucky SL  | 0.07   | JCT US 52   | 0.07   |                          |                            |                            |                            |                            |  |      |
|   | 12/31/2003       | 17A                | 30A109      |        |         | 0.01     |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   | NONE |
| 18  | 12/31/2003       |                    |             | MINGO  | US 119  | 7.45     | JCT US 52    | 11.82  | JCT WV 65   | 4.37   |                          |                            |                            |                            |                            |  |      |
|   | 12/31/2003       | 18A                | 30A126      |        |         | 7.59     |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   | NONE |
|   | 12/31/2003       | 18B                | 30A128      |        |         | 11.68 E  |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   | NONE |
|   | 12/31/2003       | 18C                | 30A129      |        |         | 11.68 W  |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   | NONE |
| 19  | 12/31/2003       |                    |             | MINGO  | US 119  | 11.82    | JCT WV 65    | 21.15  | Logan CL    | 9.33   |                          |                            |                            |                            |                            |  |      |
|   | 12/31/2003       | 19A                | 30A130      |        |         | 12.76    |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   | NONE |
|   | 12/31/2003       | 19B                | 30A132      |        |         | 14.28    |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   | NONE |
|   | 12/31/2003       | 19C                | 30A205      |        |         | 16.04    |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   | NONE |
|   | 12/31/2003       | 19D                | 30A134      |        |         | 20.67    |              |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   | NONE |
| 20  | 12/31/2003       |                    |             | MINGO  | CR 1/5  | 0.00     | JCT CR 3/2   | 1.67   | JCT CR 1/4  | 1.67   |                          |                            |                            |                            |                            |  |      |

| Directory of Coal Resource Transportation System Roads (October 2013) |                  |                    |             |        |         |          |             |        |               |        |                          | SU-40                      | SU-45                      | 3S-55                      | 3S-60                      | ADDITIONAL RESTRICTIONS (SEE APPENDIX) |
|---|------------------|--------------------|-------------|--------|---------|----------|-------------|--------|---------------|--------|--------------------------|----------------------------|----------------------------|----------------------------|----------------------------|--|
| SECT #  | DATE OF CC ORDER | BRIDGE SUB SECTION | BARS NUMBER | COUNTY | ROUTE # | BEGIN MP | FROM        | END MP | TO            | LENGTH | FRACTURE CRITICAL MEMBER | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) |  |
| 45  | 12/31/2003       |                    |             | MINGO  | CR 3/2  | 0.00     | JCT CR 3/5  | 0.15   | JCT CR 3/12   | 0.15   |                          |                            |                            |                            |                            |  |
| 21  | 12/31/2003       |                    |             | MINGO  | CR 3/2  | 0.15     | JCT CR 3/12 | 1.50   | JCT CR 3/3    | 1.35   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 21A                | 30A008      |        |         | 0.30     |             |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 21B                | 30A177      |        |         | 1.21     |             |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 22  | 12/31/2003       |                    |             | MINGO  | CR 3/2  | 1.50     | JCT CR 3/3  | 2.51   | JCT CR 1/5    | 1.01   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 22A                | 30A010      |        |         | 1.54     |             |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 23  | 12/31/2003       |                    |             | MINGO  | CR 3/2  | 2.51     | JCT CR 1/5  | 4.34   | Logan CL      | 1.83   |                          |                            |                            |                            |                            |  |
| 46  | 12/31/2003       |                    |             | MINGO  | CR 3/3  | 0.00     | JCT CR 3/2  | 1.03   | Dead End      | 1.03   |                          |                            |                            |                            |                            |  |
| 24  | 12/31/2003       |                    |             | MINGO  | CR 3/5  | 0.00     | JCT WV 65   | 7.34   | JCT CR 3/12   | 7.34   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 24A                | 30A182      |        |         | 1.60     |             |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 24B                | 30A012      |        |         | 2.58     |             |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 24C                | 30A013      |        |         | 2.69     |             |        |               |        | YES                      | 31                         | 32                         | 54                         | 55                         | NONE                                   |
|   | 12/31/2003       | 24D                | 30A014      |        |         | 3.01     |             |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 26  | 12/31/2003       |                    |             | MINGO  | CR 3/5  | 7.34     | JCT CR 3/12 | 10.11  | JCT CR 3/2    | 2.77   |                          |                            |                            |                            |                            |  |
| 27  | 12/31/2003       |                    |             | MINGO  | CR 3/5  | 10.11    | JCT CR 3/2  | 21.66  | Wayne CL      | 11.55  |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 27A                | 30A016      |        |         | 13.59    |             |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 27B                | 30A017      |        |         | 14.61    |             |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 27C                | 30A137      |        |         | 14.73    |             |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 27D                | 30A018      |        |         | 16.21    |             |        |               |        | YES                      | 28                         | 29                         | 40                         | 41                         | NONE                                   |
|   | 12/31/2003       | 27E                | 30A020      |        |         | 16.65    |             |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 27F                | 30A021      |        |         | 17.21    |             |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 27G                | 30A022      |        |         | 17.40    |             |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 27H                | 30A023      |        |         | 18.18    |             |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 27I                | 30A225      |        |         | 18.32    |             |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 27J                | 30A227      |        |         | 18.98    |             |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 27K                | 30A224      |        |         | 19.13    |             |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 27L                | 30A027      |        |         | 19.82    |             |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 27M                | 30A239      |        |         | 20.12    |             |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 27N                | 30A255      |        |         | 20.30    |             |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 27O                | 30A030      |        |         | 20.51    |             |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 27P                | 30A235      |        |         | 21.30    |             |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 27Q                | 30A032      |        |         | 21.47    |             |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 28  | 12/31/2003       |                    |             | MINGO  | CR 3/12 | 0.00     | JCT CR 3/5  | 0.50   | CR 3/5 ACCESS | 0.50   |                          |                            |                            |                            |                            |  |
| 29  | 12/31/2003       |                    |             | MINGO  | CR 6    | 0.00     | JCT WV 65   | 2.89   | JCT CR 6/5    | 2.89   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 29A                | 30A034      |        |         | 0.24     |             |        |               |        | NONE                     | 31                         | 35                         | 48                         | 48                         | NONE                                   |
|   | 12/31/2003       | 29B                | 30A035      |        |         | 0.52     |             |        |               |        | NONE                     | 24                         | 26                         | 41                         | 48                         | NONE                                   |
|   | 12/31/2003       | 29C                | 30A036      |        |         | 2.88     |             |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 30  | 12/31/2003       |                    |             | MINGO  | CR 6    | 2.89     | JCT CR 6/5  | 2.93   | JCT CR 6/6    | 0.04   |                          |                            |                            |                            |                            |  |
| 31  | 12/31/2003       |                    |             | MINGO  | CR 6    | 2.93     | JCT CR 6/6  | 9.18   | JCT CR 8      | 6.25   |                          |                            |                            |                            |                            |  |
| 32  | 12/31/2003       |                    |             | MINGO  | CR 6/5  | 0.00     | JCT CR 6/6  | 0.04   | JCT CR 6      | 0.04   |                          |                            |                            |                            |                            |  |
| 33  | 12/31/2003       |                    |             | MINGO  | CR 6/6  | 0.00     | JCT CR 6/5  | 0.19   | JCT CR 6      | 0.19   |                          |                            |                            |                            |                            |  |
| 54  | 6/1/2004         |                    |             | MINGO  | CR 7/2  | 0.00     | Logan CL    | 1.23   | Logan CL      | 1.23   |                          |                            |                            |                            |                            |  |
| 34  | 12/31/2003       |                    |             | MINGO  | CR 8    | 0.00     | JCT US 52   | 1.90   | JCT CR 8/1    | 1.90   |                          |                            |                            |                            |                            |  |
| 35  | 12/31/2003       |                    |             | MINGO  | CR 8    | 1.90     | JCT CR 8/1  | 3.72   | JCT CR 6      | 1.82   |                          |                            |                            |                            |                            |  |
| 36  | 12/31/2003       |                    |             | MINGO  | CR 8    | 3.72     | JCT CR 6    | 10.12  | RR            | 6.40   |                          |                            |                            |                            |                            |  |
| 37  | 12/31/2003       |                    |             | MINGO  | CR 8/1  | 0.00     | JCT CR 10/1 | 6.14   | JCT CR 8      | 6.14   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 37A                | 30A040      |        |         | 1.59     |             |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 51  | 12/31/2003       |                    |             | MINGO  | CR 9    | 0.00     | JCT WV 49   | 4.73   | JCT US 52     | 4.73   |                          |                            |                            |                            |                            |  |
| 38  | 12/31/2003       |                    |             | MINGO  | CR 10   | 0.00     | JCT CR 13   | 7.91   | Tug Fork Riv  | 7.91   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 38A                | 30A046      |        |         | 4.71     |             |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 38B                | 30A047      |        |         | 5.79     |             |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 38C                | 30A048      |        |         | 5.89     |             |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 38D                | 30A049      |        |         | 7.77     |             |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 39  | 12/31/2003       |                    |             | MINGO  | CR 10/2 | 0.00     | JCT CR 10   | 1.18   | Dead End      | 1.18   |                          |                            |                            |                            |                            |  |
| 40  | 12/31/2003       |                    |             | MINGO  | CR 13   | 0.00     | JCT US 52   | 1.88   | JCT CR 10     | 1.88   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 40A                | 30A053      |        |         | 0.01     |             |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 41  | 12/31/2003       |                    |             | MINGO  | CR 13   | 1.88     | JCT CR 10   | 5.14   | JCT CR 13/2   | 3.26   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 41A                | 30A173      |        |         | 1.95     |             |        |               |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |







| Directory of Coal Resource Transportation System Roads (October 2013) |                  |                    |             |        |         |          |      |        |    |        | SU-40                    | SU-45                      | 3S-55                      | 3S-60                      |                            |  |
|---|------------------|--------------------|-------------|--------|---------|----------|------|--------|----|--------|--------------------------|----------------------------|----------------------------|----------------------------|----------------------------|--|
| SECT #  | DATE OF CC ORDER | BRIDGE SUB SECTION | BARS NUMBER | COUNTY | ROUTE # | BEGIN MP | FROM | END MP | TO | LENGTH | FRACTURE CRITICAL MEMBER | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | ADDITIONAL RESTRICTIONS (SEE APPENDIX) |
|   | 7/17/2012        | 2C                 | 50A071      |        |         | 4.54     |      |        |    |        | NONE                     | 26                         | 30                         | 42                         | 42                         | NONE                                   |
|   | 12/31/2003       | 2D                 | 50A072      |        |         | 9.98     |      |        |    |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 2E                 | 50A108      |        |         | 12.31    |      |        |    |        | NONE                     | 26                         | 27                         | 43                         | 45                         | NONE                                   |

| Directory of Coal Resource Transportation System Roads (October 2013) |                  |                    |             |        |         |          |              |        |              |        |                          | SU-40                      | SU-45                      | 3S-55                      | 3S-60                      |  |
|---|------------------|--------------------|-------------|--------|---------|----------|--------------|--------|--------------|--------|--------------------------|----------------------------|----------------------------|----------------------------|----------------------------|--|
| SECT #  | DATE OF CC ORDER | BRIDGE SUB SECTION | BARS NUMBER | COUNTY | ROUTE # | BEGIN MP | FROM         | END MP | TO           | LENGTH | FRACTURE CRITICAL MEMBER | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | ADDITIONAL RESTRICTIONS (SEE APPENDIX) |
| 14  | 12/31/2003       |                    |             | WAYNE  | WV 37   | 15.42    | JCT WV152    | 23.08  | JCT CR 25    | 7.66   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 14A                | 50A068      |        |         | 15.43    |              |        |              |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 14B                | 50A074      |        |         | 20.58    |              |        |              |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 14C                | 50A076      |        |         | 22.70    |              |        |              |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 3   | 12/31/2003       |                    |             | WAYNE  | WV 37   | 23.08    | JCT CR 25    | 38.00  | Lincoln CL   | 14.92  |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 3A                 | 50A077      |        |         | 23.68    |              |        |              |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 3B                 | 50A078      |        |         | 24.59    |              |        |              |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 3C                 | 50A184      |        |         | 26.40    |              |        |              |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 3D                 | 50A079      |        |         | 30.06    |              |        |              |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 15  | 12/31/2003       |                    |             | WAYNE  | WV 75   | 0.00     | JCT US 60    | 0.73   | JCT US 52    | 0.73   |                          |                            |                            |                            |                            |  |
| 4   | 12/31/2003       |                    |             | WAYNE  | WV 152  | 0.00     | JCT US 52    | 2.77   | JCT CR 52/48 | 2.77   |                          |                            |                            |                            |                            |  |
| 5   | 12/31/2003       |                    |             | WAYNE  | WV 152  | 2.77     | JCT CR 52/48 | 5.74   | JCT CR 40    | 2.97   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 5A                 | 50A112      |        |         | 5.70     |              |        |              |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 6   | 12/31/2003       |                    |             | WAYNE  | US 52   | 4.67     | JCT WV 75    | 15.63  | 4 lane       | 10.96  |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 6A                 | 50A003      |        |         | 11.70    |              |        |              |        | 24                       | 25                         | 39                         | 39                         | NONE                       | NONE                                   |
|   | 12/31/2003       | 6B                 | 50A002      |        |         | 14.56    |              |        |              |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 7   | 12/31/2003       |                    |             | WAYNE  | US 52   | 15.63    | Start 4 lane | 18.63  | End 4 lane   | 3.00   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 7A                 | 50A178      |        |         | 15.93 N  |              |        |              |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 7B                 | 50A179      |        |         | 15.93 S  |              |        |              |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 8   | 12/31/2003       |                    |             | WAYNE  | US 52   | 18.63    | End 4 lane   | 26.39  | JCT WV 37    | 7.76   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 8A                 | 50A001      |        |         | 21.27    |              |        |              |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 9   | 12/31/2003       |                    |             | WAYNE  | US 52   | 26.39    | JCT WV 37    | 45.34  | JCT WV 152   | 18.95  |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 9A                 | 50A085      |        |         | 27.66    |              |        |              |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 9B                 | 50A153      |        |         | 29.04    |              |        |              |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 9C                 | 50A087      |        |         | 30.52    |              |        |              |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 9D                 | 50A049      |        |         | 37.47    |              |        |              |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 10  | 12/31/2003       |                    |             | WAYNE  | US 52   | 45.34    | JCT WV 152   | 54.32  | Mingo CL     | 8.98   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 10A                | 50A168      |        |         | 47.42    |              |        |              |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 10B                | 50A114      |        |         | 49.92    |              |        |              |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 10C                | 50A113      |        |         | 50.36    |              |        |              |        | NONE                     | NONE                       | 43                         | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 10D                | 50A115      |        |         | 54.27    |              |        |              |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 16  | 12/31/2003       |                    |             | WAYNE  | US 60   | 0.00     | Kentucky SL  | 5.60   | Cabell CL    | 5.60   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 16A                | 50A192      |        |         | 3.14     |              |        |              |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 17  | 12/31/2003       |                    |             | WAYNE  | CR 22   | 0.00     | JCT WV 37    | 0.02   | JCT CR 25    | 0.02   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 17A                | 50A201      |        |         | 0.01     |              |        |              |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
| 11  | 12/31/2003       |                    |             | WAYNE  | CR 25   | 0.00     | JCT CR 22    | 1.00   | ?            | 1.00   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 11A                | 50A044      |        |         | 0.84     |              |        |              |        | NONE                     | 38                         | 44                         | NONE                       | NONE                       | NONE                                   |
| 12  | 12/31/2003       |                    |             | WAYNE  | CR 35   | 0.00     | JCT CR 40    | 3.71   | JCT CR 41    | 3.71   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 12A                | 50A055      |        |         | 0.40     |              |        |              |        | NONE                     | 28                         | 29                         | 44                         | 47                         | NONE                                   |
|   | 12/31/2003       | 12B                | 50A056      |        |         | 2.37     |              |        |              |        | NONE                     | 30                         | 32                         | 52                         | 52                         | NONE                                   |
| 13  | 12/31/2003       |                    |             | WAYNE  | CR 41   | 0.00     | JCT CR 35    | 5.84   | Mingo CL     | 5.84   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 13A                | 50A092      |        |         | 0.08     |              |        |              |        | NONE                     | 30                         | 31                         | 46                         | 49                         | NONE                                   |
|   | 12/31/2003       | 13B                | 50A093      |        |         | 0.40     |              |        |              |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 13C                | 50A096      |        |         | 0.61     |              |        |              |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 13D                | 50A094      |        |         | 1.06     |              |        |              |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   | 12/31/2003       | 13E                | 50A095      |        |         | 1.65     |              |        |              |        | NONE                     | 29                         | 30                         | 45                         | 49                         | NONE                                   |
|   | 12/31/2003       | 13F                | 50A097      |        |         | 2.29     |              |        |              |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       | NONE                                   |
|   |                  |                    |             |        | TOTAL   |          |              |        |              | 109.18 |                          |                            |                            |                            |                            |  |

| Directory of Coal Resource Transportation System Roads (October 2013) |                  |                    |             |         |         |          |             |        |             |        |                          | SU-40                      | SU-45                      | 3S-55                      | 3S-60                      | ADDITIONAL RESTRICTIONS (SEE APPENDIX) |
|---|------------------|--------------------|-------------|---------|---------|----------|-------------|--------|-------------|--------|--------------------------|----------------------------|----------------------------|----------------------------|----------------------------|--|
| SECT #  | DATE OF CC ORDER | BRIDGE SUB SECTION | BARS NUMBER | COUNTY  | ROUTE # | BEGIN MP | FROM        | END MP | TO          | LENGTH | FRACTURE CRITICAL MEMBER | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) |  |
| 1   | 12/31/2003       |                    |             | WEBSTER | CR 9    | 0.00     | JCT CR 36   | 15.80  | JCT WV 20   | 15.80  |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 1A                 | 51A086      |         |         | 4.12     |             |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|   | 12/31/2003       | 1B                 | 51A015      |         |         | 4.45     |             |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|   | 12/31/2003       | 1C                 | 51A016      |         |         | 6.10     |             |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|   | 12/31/2003       | 1D                 | 51A017      |         |         | 6.35     |             |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|   | 12/31/2003       | 1E                 | 51A018      |         |         | 6.68     |             |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|   | 12/31/2003       | 1F                 | 51A019      |         |         | 7.79     |             |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|   | 12/31/2003       | 1G                 | 51A020      |         |         | 9.36     |             |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|   | 12/31/2003       | 1H                 | 51A089      |         |         | 9.64     |             |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|   | 12/31/2003       | 1I                 | 51A022      |         |         | 11.65    |             |        |             |        | YES                      | NONE                       | NONE                       | NONE                       | NONE                       |  |
|   | 12/31/2003       | 1J                 | 51A023      |         |         | 11.72    |             |        |             |        | YES                      | 39                         | 42                         | NONE                       | 59                         |  |
|   | 12/31/2003       | 1K                 | 51A024      |         |         | 11.98    |             |        |             |        | YES                      | 32                         | 33                         | 54                         | 56                         |  |
| 2   | 12/31/2003       |                    |             | WEBSTER | WV 20   | 0.00     | Nicholas CL | 5.41   | JCT WV 82   | 5.41   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 2A                 | 51A033      |         |         | 0.93     |             |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
| 3   | 12/31/2003       |                    |             | WEBSTER | WV 20   | 5.41     | JCT WV 82   | 6.13   | JCT CR 9    | 0.72   |                          |                            |                            |                            |                            |  |
| 4   | 12/31/2003       |                    |             | WEBSTER | WV 20   | 6.13     | JCT CR 9    | 47.99  | Upshur CL   | 41.86  |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 4A                 | 51A034      |         |         | 7.19     |             |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|   | 12/31/2003       | 4B                 | 51A035      |         |         | 20.01    |             |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|   | 12/31/2003       | 4C                 | 51A036      |         |         | 20.16    |             |        |             |        | YES                      | 25                         | 27                         | 42                         | 43                         |  |
|   | 12/31/2003       | 4D                 | 51A037      |         |         | 20.27    |             |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|   | 12/31/2003       | 4E                 | 51A038      |         |         | 24.70    |             |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|   | 12/31/2003       | 4F                 | 51A039      |         |         | 29.07    |             |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|   | 12/31/2003       | 4G                 | 51A040      |         |         | 29.57    |             |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|   | 12/31/2003       | 4H                 | 51A041      |         |         | 38.03    |             |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|   | 12/31/2003       | 4I                 | 51A084      |         |         | 39.84    |             |        |             |        | YES                      | 34                         | 35                         | 46                         | 48                         |  |
|   | 12/31/2003       | 4J                 | 51A043      |         |         | 45.23    |             |        |             |        | NONE                     | 35                         | 37                         | 48                         | 50                         |  |
|   | 12/31/2003       | 4K                 | 51A044      |         |         | 47.97    |             |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
| 5   | 12/31/2003       |                    |             | WEBSTER | WV 82   | 0.00     | Nicholas CL | 12.10  | JCT WV 20   | 12.10  |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 5A                 | 51A060      |         |         | 0.12     |             |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|   | 10/27/2009       | 5B                 | 51A097      |         |         | 6.00     |             |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|   | 5/31/2012        | 5C                 | 51A058      |         |         | 6.65     |             |        |             |        | NONE                     | 19                         | 20                         | 30                         | 30                         |  |
|   | 12/31/2003       | 5D                 | 51A057      |         |         | 7.83     |             |        |             |        | NONE                     | 35                         | 37                         | 46                         | 48                         |  |
|   | 12/31/2003       | 5E                 | 51A056      |         |         | 8.61     |             |        |             |        | NONE                     | 30                         | 32                         | 43                         | 45                         |  |
| 6   | 6/23/2005        |                    |             | WEBSTER | CR 9/1  | 0.00     | JCT CR 9    | 3.70   | Nicholas CL | 3.70   |                          |                            |                            |                            |                            |  |
| 7   | 6/23/2005        |                    |             | WEBSTER | CR 9/2  | 0.00     | JCT CR 9    | 0.87   | Dead End    | 0.87   |                          |                            |                            |                            |                            |  |
| 8   | 6/23/2005        |                    |             | WEBSTER | CR 32   | 0.00     | JCT WV 82   | 8.31   | Dead End    | 8.31   |                          |                            |                            |                            |                            |  |
|   | 6/22/2005        | 8A                 | 51A061      |         |         | 6.25     |             |        |             |        | NONE                     | 33                         | 34                         | 51                         | 52                         |  |
|   |                  |                    |             |         | TOTAL   |          |             |        |             | 88.77  |                          |                            |                            |                            |                            |  |
| 1   | 12/31/2003       |                    |             | WYOMING | WV 10   | 0.00     | Mercer CL   | 4.90   | JCT CR 16/2 | 4.90   |                          |                            |                            |                            |                            |  |
| 2   | 12/31/2003       |                    |             | WYOMING | WV 10   | 4.90     | JCT CR 16/2 | 12.41  | JCT WV 16   | 7.51   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 2A                 | 55A029      |         |         | 4.99     |             |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|   | 12/31/2003       | 2B                 | 55A030      |         |         | 7.43     |             |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|   | 12/31/2003       | 2C                 | 55A031      |         |         | 12.19    |             |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
| 3   | 12/31/2003       |                    |             | WYOMING | WV 10   | 12.41    | JCT WV 16   | 23.39  | JCT WV 16   | 10.98  |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 3A                 | 55A175      |         |         | 14.79    |             |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|   | 12/31/2003       | 3B                 | 55A166      |         |         | 17.12    |             |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
| 4   | 12/31/2003       |                    |             | WYOMING | WV 10   | 23.39    | JCT WV 16   | 24.16  | JCT WV 97   | 0.77   |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 4A                 | 55A034      |         |         | 24.14    |             |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
| 5   | 12/31/2003       |                    |             | WYOMING | WV 10   | 24.16    | JCT WV 97   | 24.49  | JCT WV 97   | 0.33   |                          |                            |                            |                            |                            |  |
| 6   | 12/31/2003       |                    |             | WYOMING | WV 10   | 24.49    | JCT WV 97   | 36.55  | JCT WV 85   | 12.06  |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 6A                 | 55A035      |         |         | 31.60    |             |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|   | 7/15/2011        | 6B                 | 55A036      |         |         | 36.52    |             |        |             |        | NONE                     | 27                         | 29                         | 43                         | 43                         |  |
| 7   | 12/31/2003       |                    |             | WYOMING | WV 10   | 36.55    | JCT WV 85   | 48.12  | Logan CL    | 11.57  |                          |                            |                            |                            |                            |  |
|   | 12/31/2003       | 7A                 | 55A027      |         |         | 42.64    |             |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|   | 12/31/2003       | 7B                 | 55A038      |         |         | 43.05    |             |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |
|   | 12/31/2003       | 7C                 | 55A039      |         |         | 46.53    |             |        |             |        | NONE                     | NONE                       | NONE                       | NONE                       | NONE                       |  |





| Directory of Coal Resource Transportation System Roads (October 2013) |                  |                    |             |         |          |          |              |        |               |        | SU-40                    | SU-45                      | 3S-55                      | 3S-60                      |                            |  |
|---|------------------|--------------------|-------------|---------|----------|----------|--------------|--------|---------------|--------|--------------------------|----------------------------|----------------------------|----------------------------|----------------------------|--|
| SECT #  | DATE OF CC ORDER | BRIDGE SUB SECTION | BARS NUMBER | COUNTY  | ROUTE #  | BEGIN MP | FROM         | END MP | TO            | LENGTH | FRACTURE CRITICAL MEMBER | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | RECOMMENDED POSTING (TONS) | ADDITIONAL RESTRICTIONS (SEE APPENDIX) |
| 24  | 12/31/2003       |                    |             | WYOMING | CR 7/1   | 0.00     | JCT WV 971   | 0.35   | Dead End      | 0.35   |                          |                            |                            |                            |                            |  |
| 20  | 12/31/2003       |                    |             | WYOMING | CR 12/3  | 0.00     | JCT WV 16    | 4.68   | Dead End      | 4.68   |                          |                            |                            |                            |                            |  |
| 21  | 12/31/2003       |                    |             | WYOMING | CR 16/2  | 10.05    | JCT WV 10    | 12.05  | ?             | 2.00   |                          |                            |                            |                            |                            |  |
| 22  | 12/31/2003       |                    |             | WYOMING | CR 16/36 | 0.00     | JCT WV 16    | 0.70   | Dead End      | 0.70   |                          |                            |                            |                            |                            |  |
| 25  | 2/24/2004        |                    |             | WYOMING | CR 18/1  | 4.69     | JCT CR 10/54 | 6.17   | Mine Entrance | 1.48   |                          |                            |                            |                            |                            |  |
| 26  | 2/24/2004        |                    |             | WYOMING | CR 10/54 | 0.00     | JCT WV 10    | 1.48   | JCT CR 18/1   | 1.48   |                          |                            |                            |                            |                            |  |
| 27  | 2/24/2004        |                    |             | WYOMING | CR 10/55 | 0.00     | JCT CR 10/54 | 0.84   | JCT CR 18/1   | 0.84   |                          |                            |                            |                            |                            |  |
|   |                  |                    |             |         |          |          |              |        |               |        |                          |                            |                            |                            |                            |  |
|   |                  |                    |             |         | TOTAL    |          |              |        |               | 161.84 |                          |                            |                            |                            |                            |  |