

# Appendix C: Congestion Management Process

## Required Elements of a CMP

The following tables are part of the required elements of a CMP and are referenced in Chapter 4.

**Table 36: TPO Regional Congested Corridors**

**Congested Corridors - Knox County**

| Map ID | Corridor                   | Priority 1 Corridor Limits  | Priority 2 Corridor Limits   | Priority 3 Corridor Limits                                    | LRMP Project Addressing Corridor Cross Reference |
|--------|----------------------------|---|--|---|--|
| K1     | Alcoa Highway              |   |  | County Line - Cherokee Trail                                  | 627,628,653                                      |
| K3     | Asheville Highway          | John Sevier Hwy - I-40 E Ramps  |  | AJ Hwy - Gov. John Sevier Hwy                                 | 693 (Priority 1 section)                         |
| K4     | Ball Rd/Ball Camp Pk       |   |  | Middlebrook Pk - Oak Ridge H                                  | 605  |
| K5     | Broadway                   | Central St - Summit Hill Dr, Grainger Ave - Brown Gap Rd  | Grainger Ave - Central St  |   |  |
| K6     | Byington - Beaver Ridge Rd | Emory Rd - Hardin Valley Rd   |  |   | 636,650  |
| K7     | Callahan Drive             |   |  | Central Ave Pk - Pleasant Ridge Rd                            |  |
| K8     | Campbell Station Rd        | Kingston Pk - Parkside Dr   |  |   | 601  |
| K9     | Cedar Ln                   | Central Ave Pk - Broadway   |  |   | 686  |
| K10    | Cedar Bluff Road           |   | Middlebrook Pk - Kingston Pk   |   | 624  |
| K11    | Central Avenue Pike        |   | Emory Rd - Bruhin Rd   |   | 671  |
| K12    | Chapman Highway            | Blount Ave - Lindy Rd   |  | Lindy Dr to County Line                                       | 626,666  |
| K13    | Clinton Highway            |   | I-275/I-640 - Emory Rd   |   |  |
| K14    | Concord Road               | Turkey Creek Rd - Northshore Dr   |  |   | 632  |
| K15    | Cumberland Avenue          | Alcoa Hwy Ramps - Volunteer Blvd  |  |   |  |
| K16    | Ed Shouse Rd               |   | Western Ave - Middlebrook Pk   |   |  |
| K17    | Emory Road                 | Clinton Hwy - Gill Rd   | Tazewell Pk - Maynardville Pk, Beaver Ridge Rd - Clinton Hwy                                 | Dry Gap Pk - I-75N Ramps                                      | 603,636,643 (Priority 1 & 2 sections)            |
| K18    | Gleason Drive              |   |  | Montvue Rd - Ebenezer Rd                                      | 678  |
| K19    | Gov. John Sevier Hwy       | Martin Mill Pk - Alcoa Hwy  | Chapman Hwy - Martin Mill Pk   | Asheville Hwy - Chapman Hwy                                   | 644,677  |
| K20    | Grigsby Chapel Rd          |   | Smith Rd - Campbell Station Rd   |   |  |
| K21    | Hardin Valley Road         |   | Campbell Station Rd - Bryant Ln  | Bryant Ln - Pellissippi SB Ramps                              |  |
| K22    | Henley Street              |   | Summit Hill Dr - Blount Ave  |   | 614  |
| K23    | Kingston Pike              | Jamestowne Blvd - Mabry Hood Rd, Cedar Bluff Rd - Gallaher View Rd, Morrell Rd - Northshore Dr, Lyons View Pk - Alcoa Hwy N Ramps | Mabry Hood Rd - Cedar Bluff Rd, Gallaher View Rd - Morrell Rd, Northshore Dr - Lyons View Pk | Loudon County Line - Jamestowne Blvd                          | 668  |
| K24    | Lovell Road                | Kingston Pk - Gilbert Dr, Pellissippi Pkwy - Schaeffer Rd   | Gilbert Dr - Middlebrook Pk  |   | 608,637  |
| K25    | Lyons View Pike            | Northshore Dr - Kingston Pk   |  |   |  |
| K26    | Magnolia Avenue            |   |  | Prosser Rd - Cherry St  |  |
| K27    | Maryville Pk               |   |  | Blount County Line - Chapman                                  | 675  |
| K28    | Maynardville Hwy           | Emory Rd - Brown Gap Rd   | C.L. - Emory Rd  |   | 604,607  |
| K29    | Merchant Drive             |   | Central Ave Pk - Pleasant Ridge Rd   |   | 616  |
| K30    | Middlebrook Pike           |   | Gallaher View Rd - Ed Shouse Rd  | Cedar Bluff Rd - Gallaher View Rd, Ed Shouse Rd - Western Ave |  |
| K31    | Millertown Pike            | Loves Creek Rd - Mill Rd  | Washington Pk - Loves Creek Rd   |   | 656,657  |
| K32    | Morrell Road               | Northshore Dr - Westland Dr   |  |   | 688  |
| K33    | Neyland Drive              |   |  | Center Dr - Lake Loudoun Blvd                                 |  |
| K34    | Northshore Drive           | Kingston Pk - Papermill Dr, Morrell Rd - Westland Dr  | Ebenezer Rd - Morrell Rd, Concord Rd - I-140 E Ramps   | Choto Rd - Concord Rd, I-140 - Ebenezer Rd                    | 646,658,663,680                                  |
| K35    | Oak Ridge Highway          | Byington-Beaver Ridge - Harrell Rd  | Pellissippi Pkwy - Byington-Beaver Ridge, Harrell Rd - Schaad Rd                             |   | 638,673  |
| K36    | Papermill Dr               |   | Kingston Pk - Weisgarber Rd  | I-40 W Ramps - Liberty St                                     | 689 (Priority 2 section)                         |
| K37    | Parkside Drive             | Mabry Hood Rd - Seven Oaks Dr   |  | Campbell Station Rd - Lovell Rd                               | 633 (Priority 1 section)                         |
| K38    | Pellissippi Parkway        |   | County Line - Guinn Rd   | Guinn Rd - Dutchtown Rd                                       | 647  |
| K39    | Peters Road                |   |  | Kingston Pk - Ebenezer Rd                                     |  |
| K40    | Pleasant Ridge Road        |   | Callahan Dr - Merchant Dr  | Merchant Dr - Sanderson Rd                                    | 616 (Priority 2 section)                         |
| K41    | Schaad Road                | Pleasant Ridge Rd - Oak Ridge Hwy   |  |   | 605  |
| K42    | Smith Rd                   |   |  | Kingston Pk - Grigsby Chapel Rd                               |  |
| K43    | Sutherland Avenue          | Hollywood Rd - Liberty St   | Liberty St - Middlebrook Pk  |   |  |
| K44    | Strawberry Plains Pk       |   | John Sevier Hwy - Cracker Barrel Ln  |   | 639,667  |
| K45    | Tazewell Pike              | Jacksboro Pk - Old Broadway   | Jacksboro Pk - Emory Rd  |   | 640,665  |

**Table 36: TPO Regional Congested Corridors**

**Congested Corridors - Blount County**

| Map ID | Corridor                    | Priority 1 Corridor Limits      | Priority 2 Corridor Limits     | Priority 3 Corridor Limits           | LRMP Project Addressing Corridor Cross Reference |
|--------|-----------------------------|---------------------------------|--------------------------------|--------------------------------------|--|
| B1     | Alcoa Highway               | US 411 - Louisville Rd          | Louisville Rd - I-140          | I-140 - C.L.                         | 206,216,218                                      |
| B2     | Bessemer St                 | US 129 - Hall Rd                |                                |                                      |  |
| B3     | Broadway Ave/US Hwy 411     | US 129 - Washington St          | William Blount Dr - US 129     |                                      | 242  |
| B4     | Carpenters Grade Rd         |                                 | Raulston Rd - Sandy Springs Rd |                                      | 223  |
| B5     | Court St                    |                                 |                                | Memorial Dr - U.S. 321               |  |
| B6     | Cusick Street/Calderwood St |                                 | US Hwy 411 - Alcoa Hwy         |                                      |  |
| B7     | Hall Rd/Washington St       |                                 | Lincoln St - US 321            |                                      | 232  |
| B8     | Hunt Rd/Old Glory Rd        |                                 |                                | US 321 - Old Knoxville Hwy           |  |
| B9     | Lamar Alexander Pkwy        |                                 | Broadway Ave - Washington St   | Broadway Ave - William Blount Dr     | 232  |
| B10    | Lincoln Rd                  |                                 | Hall Rd - Old Knoxville Hwy    |                                      |  |
| B11    | Louisville Rd               |                                 |                                | Alcoa Hwy - Topside Rd               |  |
| B12    | Morganton Rd                |                                 |                                | Foothills Mall Rd - Henry Ln         | 211,229  |
| B13    | Montvale Road               | Boardman Ave - Lamar Alex Pkwy  |                                |                                      | 239  |
| B14    | Montvale Sta. Rd            |                                 |                                | Carpenter Grd Rd - Montvale Rd       |  |
| B15    | Old Knoxville Hwy           | Sam Houston School Rd - Hunt Rd | Hunt Rd - Washington St        | Sam Houston Rd - Knox County Line    | 203,212,231                                      |
| B16    | Old Niles Ferry Rd          |                                 |                                | Calderwood Hwy - Broadway Ave        | 213  |
| B17    | Sandy Springs Rd            |                                 | Montvale Station Rd - U.S. 411 |                                      | 240  |
| B18    | Sevierville Road            |                                 | Brown School Rd - High St      | Brown School Rd - Sevier County Line | 214,245,250                                      |
| B19    | Topside Rd                  |                                 | Alcoa Hwy - Louisville Rd      |                                      | 251  |
| B20    | Wildwood Rd                 |                                 |                                | Old Knoxville Hwy - Andy Harris Rd   | 234  |
| B21    | William Blount Dr           |                                 |                                | U.S. 321 - U.S. 411 South            |  |
| B22    | Wright Rd                   |                                 |                                | U.S. 129 - Hunt Rd                   | 219  |
| B23    | Wright Ferry Rd             |                                 |                                | U.S. 129 - Topside Rd                | 207  |

**Congested Corridors - Loudon County**

| Map ID | Corridor       | Priority 1 Corridor Limits | Priority 2 Corridor Limits | Priority 3 Corridor Limits | LRMP Project Addressing Corridor Cross Reference |
|--------|----------------|----------------------------|----------------------------|----------------------------|--|
| L1     | SR 2 (US 11E)  |                            | US 321 - Kingston Pk       |                            | 416  |
| L2     | SR 73 (US 321) |                            | US 11 - I-75 SB Ramps      | I-75 SB Ramps - US 70      | 422  |

**Congested Corridors - Knox County Freeways**

| Map ID | Corridor | Priority 1 Corridor Limits            | Priority 2 Corridor Limits      | Priority 3 Corridor Limits | LRMP Project Addressing Corridor Cross Reference |
|--------|----------|---------------------------------------|---------------------------------|----------------------------|--|
| F1     | I-40     | Loudon County Line - James White Pkwy |                                 |                            | 684,691  |
| F2     | I-40     |                                       | James White Pkwy - Midway Rd    |                            |  |
| F3     | I-75     |                                       | Anderson County Line - Emory Rd |                            | 691,692  |
| F4     | I-640    |                                       | I-40W - I-275                   |                            | 684  |
| F5     | I-140    | I-40 - Dutchtown Rd                   |                                 |                            | 623  |
| F6     | I-140    |                                       | Northshore Dr - I-40            |                            |  |

**Congested Corridors - Regional Nonattainment Area**

| Map ID | Corridor                   | County    | Priority 1 Corridor Limits | Priority 2 Corridor Limits            | Priority 3 Corridor Limits           | LRMP Project Addressing Corridor Cross Reference |
|--------|----------------------------|-----------|----------------------------|---------------------------------------|--------------------------------------|--|
| R1     | I-75                       | Anderson  |                            | SR 61 - Knox County Line              |                                      | 684  |
| R2     | I-75                       | Anderson  |                            |                                       | U.S. 25 - SR 61                      |  |
| R3     | Melton Lake Rd             | Anderson  |                            |                                       | Oak Ridge Turnpike - Emory Valley Rd |  |
| R4     | SR 170 (Edgemoor Rd)       | Anderson  | SR 62 - Clinton Hwy        |                                       |                                      | 101  |
| R5     | SR 61                      | Anderson  |                            | SR 9 - I-75                           | Melton Lake Rd - SR 9                |  |
| R6     | SR 9 (Clinton Hwy)         | Anderson  |                            | Knox County Line - Edgemoor Rd        |                                      |  |
| R7     | SR 95 (Oak Ridge Turnpike) | Anderson  |                            | Roane County Line - New York Ave      | New York Ave - Melton Lake Rd        |  |
| R8     | US 441 (Norris Fwy)        | Anderson  |                            |                                       | Knox County Line - SR 61             |  |
| R9     | SR 32                      | Jefferson |                            |                                       | SR 341 - Cocke County Line           |  |
| R10    | US 25W / US 70             | Jefferson |                            |                                       | SR 92 - SR 113                       |  |
| R11    | I-40                       | Loudon    |                            |                                       | SR 95 - I-75                         |  |
| R12    | I-75                       | Loudon    |                            |                                       | SR 72 - I-40                         |  |
| R13    | SR 2 (US 11E)              | Loudon    | Grove St - Sugar Limb Rd   | Sugar Limb Rd - Browder School Rd     | SR 72 - Grove St                     | 415,421  |
| R14    | SR 73 (US 321)             | Loudon    | Tellico Pkwy - US 11       |                                       |                                      | 409  |
| R15    | Sugar Limb Rd              | Loudon    |                            |                                       | I-75 - U.S. 11                       | 420  |
| R16    | SR 139 (Douglas Dam Rd)    | Sevier    |                            | SR 66 - Jefferson County Line         |                                      |  |
| R17    | SR 338 (Boyd's Creek Hwy)  | Sevier    | Chapman Hwy - SR 66        |                                       |                                      |  |
| R18    | SR 35 (Dolly Parton Pkwy)  | Sevier    | SR 66 - Veterans Blvd      | Veterans Blvd - Jefferson County Line |                                      | 502,510  |
| R19    | SR 416                     | Sevier    |                            |                                       | U.S. 411 - SR 454                    |  |
| R20    | SR 449 (Veterans Blvd)     | Sevier    |                            |                                       | Parkway - Teaster Ln                 |  |
| R21    | SR 66                      | Sevier    | I-40 - Chapman Hwy         |                                       |                                      | 506,507  |
| R22    | SR 71 (Chapman Hwy)        | Sevier    |                            | Boyd's Creek Hwy - Knox County Line   | SR 66 - Boyd's Creek Hwy             | 508,626  |
| R23    | SR 71 (Parkway)            | Sevier    | SR 73 - Collier Rd         |                                       |                                      |  |
| R24    | SR 73 (US 321)             | Sevier    |                            | SR 454 - Cocke County Line            |                                      | 513  |
| R25    | SR 72                      | Loudon    |                            | I-75 - US 11                          |                                      | 418  |

**Table 37: TPO Regional Congested Intersections (Hot Spots)****KNOX COUNTY URBAN AREA CONGESTION HOTSPOTS**

| <b>Map ID</b> | <b>Route</b>             | <b>Intersection</b>  | <b>Priority</b> |
|---------------|--------------------------|----------------------|-----------------|
| 7             | Broadway                 | Woodland Ave         | 1               |
| 13            | Byington Beaver Ridge Rd | Oak Ridge Hwy        | 1               |
| 15            | Callahan Rd              | Central Av Pk        | 1               |
| 16            | Callahan Rd/Schaad Rd    | Clinton Hy           | 1               |
| 23            | Cedar Ln                 | Central Ave Pk       | 1               |
| 44            | Emory Rd                 | Andersonville Pk     | 1               |
| 43            | Emory Rd                 | Tazewell Pk          | 1               |
| 46            | Gallagher View Rd        | Gleason Dr           | 1               |
| 55            | Kingston Pk              | Morrell Rd           | 1               |
| 70            | Middlebrook Pk           | Western Ave          | 1               |
| 12            | Broadway                 | Cedar Ln             | 2               |
| 19            | Cedar Bluff Rd           | Sherrill Ln          | 2               |
| 21            | Cedar Bluff Rd           | N Peters Rd          | 2               |
| 22            | Cedar Bluff Rd           | Kingston Pk          | 2               |
| 26            | Central St               | Woodland Ave         | 2               |
| 32            | Clinton Hwy              | Merchant Dr          | 2               |
| 47            | Gallagher View Rd        | Kingston Pk          | 2               |
| 57            | Kingston Pk              | Northshore Dr        | 2               |
| 61            | Lovell Rd                | I-40 E Ramps         | 2               |
| 10            | Maynardville Hwy         | Emory Rd             | 2               |
| 68            | Middlebrook Pk           | Vanosdale Rd         | 2               |
| 72            | Morrell Rd               | Northshore Dr        | 2               |
| 73            | Morrell Rd               | Westland Dr          | 2               |
| 74            | Northshore Dr            | Westland Dr          | 2               |
| 78            | Northshore Dr            | Baum Dr              | 2               |
| 88            | Western Ave              | 11th St              | 2               |
| 90            | Woodland Ave             | St Marys St          | 2               |
| 5             | Broadway                 | I-640 W Ramps        | 3               |
| 14            | Byington Beaver Ridge Rd | Byington-Solway Rd   | 3               |
| 18            | Cedar Bluff Rd           | Middlebrook Pk       | 3               |
| 24            | Cedar Ln                 | Inskip Rd            | 3               |
| 35            | Cumberland Ave           | Metron Center        | 3               |
| 38            | Cumberland Ave           | Henley St            | 3               |
| 41            | Ebenezer Rd              | Westland Dr N        | 3               |
| 45            | Emory Rd                 | Brickyard Rd         | 3               |
| 53            | Kingston Pk              | N Peters Rd          | 3               |
| 69            | Middlebrook Pk           | Liberty St           | 3               |
| 82            | Sutherland Ave           | Hollywood Rd         | 3               |
| 89            | Westland Dr              | Mourfield Rd         | 3               |
| 1             | 17th Street              | Cumberland Ave       | 4               |
| 2             | Alcoa Hwy                | Gov. John Sevier Hwy | 4               |
| 3             | Asheville Hwy            | Gov. John Sevier Hwy | 4               |
| 4             | Asheville Hwy            | I-40 E Ramps         | 4               |
| 6             | Broadway                 | Washington Pk        | 4               |
| 8             | Broadway                 | Central St           | 4               |
| 9             | Broadway                 | Summit Hill Dr       | 4               |
| 11            | Broadway                 | Hotel Rd             | 4               |
| 17            | Campbell Station Rd      | Parkside Dr          | 4               |
| 20            | Cedar Bluff Rd           | I-40 E Ramps         | 4               |
| 25            | Central Ave Pk           | Emory Rd             | 4               |
| 27            | Central St               | Fifth Ave            | 4               |
| 28            | Central St               | Magnolia Ave         | 4               |
| 29            | Chapman Hwy              | Colonial Dr          | 4               |
| 30            | Chapman Hwy              | Moody Ave            | 4               |
| 31            | Chapman Hwy              | Blount Ave           | 4               |
| 33            | Concord Rd               | Kingston Pk          | 4               |
| 34            | Concord Rd               | Northshore Dr        | 4               |
| 36            | Cumberland Ave           | 22nd St              | 4               |
| 37            | Cumberland Ave           | 11th St              | 4               |

**Table 37: TPO Regional Congested Intersections (Hot Spots)**

| Map ID | Route            | Intersection          | Priority |
|--------|------------------|-----------------------|----------|
| 40     | Ebenezer Rd      | Westland Dr S         | 4        |
| 42     | Ed Shouse Rd     | Western Ave           | 4        |
| 48     | Gleason Rd       | Morrell Rd            | 4        |
| 49     | Gleason Rd       | Downtown West Blvd    | 4        |
| 50     | Gleason Rd       | Ebenezer Rd           | 4        |
| 51     | Hardin Valley Rd | Pellissippi SB Ramps  | 4        |
| 52     | Kingston Pk      | David Ln              | 4        |
| 54     | Kingston Pk      | West Hills Ramps      | 4        |
| 56     | Kingston Pk      | Papermill Dr          | 4        |
| 58     | Kingston Pk      | Bearden Rd            | 4        |
| 59     | Kingston Pk      | Neyland Dr/Concord St | 4        |
| 60     | Lovell Rd        | Parkside Dr           | 4        |
| 62     | Lovell Rd        | I-40 W Ramps          | 4        |
| 63     | Lovell Rd        | Schaeffer Rd          | 4        |
| 65     | Merchant Dr      | Pleasant Ridge Rd     | 4        |
| 66     | Merchant Dr      | David Rd              | 4        |
| 67     | Middlebrook Pk   | Piney Grove Ch Rd     | 4        |
| 71     | Millertown Pk    | Kinzel Way            | 4        |
| 75     | Northshore Dr    | I-140 E Ramps         | 4        |
| 77     | Northshore Dr    | Lyons View Pk         | 4        |
| 79     | Oak Ridge Hwy    | Harrell Rd            | 4        |
| 80     | Peters Rd        | Town & Country Cir    | 4        |
| 81     | Peters Rd        | George Williams Rd    | 4        |
| 83     | Tazewell Pk      | Jacksboro Pk          | 4        |
| 84     | Vanosdale Rd     | Bennington Rd         | 4        |
| 85     | Volunteer Blvd   | Andy Holt Ave         | 4        |
| 86     | Washington Pk    | Murphy Rd             | 4        |

**BLOUNT COUNTY URBAN AREA CONGESTION HOTSPOTS**

| Map ID | Route                | Intersection                | Priority |
|--------|----------------------|-----------------------------|----------|
| 95     | Bessemer St          | Calderwood St               | 1        |
| 91     | US 129 Bypass        | Lamar Alexander Pkwy        | 1        |
| 93     | US 129 Bypass        | Louisville Rd/Calderwood St | 1        |
| 103    | Broadway Ave         | Lamar Alexander Pkwy        | 2        |
| 106    | Foothills Mall Dr    | Lamar Alexander Pkwy        | 3        |
| 110    | Lamar Alexander Pkwy | Old Glory Rd                | 3        |
| 99     | Old Knoxville Hwy    | Wildwood Rd                 | 3        |
| 94     | Topside Rd           | Alcoa Hwy                   | 3        |
| 107    | Washington St        | High St                     | 3        |
| 96     | Bessemer St          | Hall Rd                     | 4        |
| 102    | Broadway Ave         | Foothills Mall Dr           | 4        |
| 101    | Broadway Ave         | Sandy Springs Rd            | 4        |
| 105    | Calderwood St        | Gill St                     | 4        |
| 104    | Cusick St            | McCammon Ave                | 4        |
| 109    | Hunt Rd              | Wright Rd                   | 4        |
| 111    | Lamar Alexander Pkwy | Montvale Rd                 | 4        |
| 112    | Montvale Rd          | Boardman Ave                | 4        |
| 97     | Old Knoxville Hwy    | Jackson Hills Dr            | 4        |
| 98     | Old Knoxville Hwy    | Hunt Rd                     | 4        |
| 100    | Old Knoxville Hwy    | Washington St               | 4        |
| 92     | US 129 Bypass        | Foothills Mall Dr           | 4        |
| 108    | Washington St        | Lamar Alexander Pkwy        | 4        |

**LOUDON COUNTY URBAN AREA CONGESTION HOTSPOTS**

| Map ID | Route   | Intersection | Priority |
|--------|---------|--------------|----------|
| 113    | U.S. 11 | U.S. 321     | 4        |

Table 38: Congestion Mitigation Strategies

| LRMP Project # | Route  | Termini  | Length (miles) | Type of Improvement  | Completion Timeframe | Congested Corridor ID | Additional Measures to Preserve Roadway Capacity   |
|----------------|--|--|----------------|--|----------------------|-----------------------|--|
| 627            | Alcoa Highway (SR 115) (US 129)                          | Maloney Rd to Woodson Dr   | 1.4            | Widen 4-lane to 6-lane   | 2009 - 2014          | K1                    |  |
| 628            | Alcoa Highway (SR 115) (US 129)                          | Maloney Rd to Blount/Knox County Line  | 3.0            | Widen 4-lane to 6-lane   | 2009 - 2014          | K1                    | Alcoa Hwy projects will include a concrete median barrier to provide partial to full access control. Project also includes a separated multi-use path for pedestrians and bicyclists that will connect several mile corridor btwn Knox & Blount. These projects have completed the design phase already. |
| 653            | Alcoa Highway (SR 115) (US 129)                          | Woodson Dr to Cherokee Trail   | 2.2            | Widen 4-lane to 6-lane   | 2015 - 2024          | K1                    |  |
| 216            | Alcoa Highway (SR 115) (US 129)                          | Pellissippi Pkwy (SR 162) to Knox County Line  | 2.7            | Widen 4-lane to 6-lane   | 2015 - 2024          | B1                    |  |
| 218            | Alcoa Highway Bypass (SR 115) (US 129)                   | Singleton Station Rd to Hunt Rd (SR 335)   | 4.1            | Construct new 6-lane freeway   | 2015 - 2024          | B1                    |  |
| 601            | Campbell Station Road                                    | Jamesstown Blvd to Parkside Dr/ Grigsby Chapel Rd  | 0.9            | Widen 2-lane to 4-lane   | 2009 - 2014          | K8                    | Project will include continuous center turn lane, sidewalks and bicycle lanes on both sides. This project has completed the design phase already.  |
| 632            | Concord Road (SR 332)                                    | Turkey Creek Rd to Northshore Dr   | 0.8            | Widen 2-lane to 4-lane   | 2015 - 2024          | K14                   | Project will include continuous center turn lane, sidewalks and bicycle lanes on both sides. This project has completed the design phase already.  |
| 603            | Emory Road (SR 131)                                      | Clinton Hwy (SR 9) (US 25W) to Gill Rd   | 2.9            | Widen 2-lane to 4-lane   | 2009 - 2014          | K17                   | Project will include continuous center turn lane and sidewalks on both sides. This project has completed the design phase already.   |
| 643            | Emory Road (SR 131)                                      | Maynardville Hwy (SR 33) to Tazewell Pike (SR 331)   | 4.9            | Widen 2-lane to 4-lane   | 2015 - 2024          | K17                   | Project should include median and accommodations for bicycles and pedestrians.   |
| 644            | Gov John Sevier Highway (SR 168)                         | Alcoa Hwy (SR 115) (US 129) to Chapman Hwy (SR 71) (US 441)  | 6.5            | Widen 2-lane to 4-lane   | 2015 - 2024          | K19                   | Project should include median and accommodations for bicycles and pedestrians.   |
| 677            | Gov John Sevier Highway (SR 168)                         | Chapman Hwy (SR 71) (US 441) to Asheville Hwy  | 9.2            | Widen 2-lane to 4-lane   | 2025 - 2034          | K19                   | Project should include median and accommodations for bicycles and pedestrians.   |
| 614            | Henley Street Bridge (SR 337/71) (US 441)                | Bridge over Tennessee River  | 0.4            | Rehabilitate bridge & widen 5-lane to 6-lane                             | 2009 - 2014          | K22                   | Project will include continuous center turn lane, sidewalks and bicycle lanes on both sides. This project has completed the design phase already.  |
| 254            | Hunter Growth Study Corridor #7- Southern Loop Connector | US 321 (SR 73) @ proposed Pellissippi Pkwy (SR 162) extension to Old Niles Ferry Rd @ proposed Wm Blount Dr (SR 335) extension | 10.7           | Construct 2-lane road along existing and new alignment                   | 2025 - 2034          | B3, B9                | Project should include turn lanes where necessary and accommodations for bicycles and pedestrians.   |
| 691            | I-40/75  | I-40/I-75 interchange to Lovell Rd (SR 131) interchange  | 6.7            | Widen 6-lane to 8-lane   | 2025 - 2034          | F1                    | Project should employ construction management techniques to maintain existing traffic and extend current coverage of Freeway Transportation Management System  |
| 621            | I-40/75  | From I-140 to Lovell Rd (SR 131) interchange Westbound Direction   | 1.8            | Add full auxiliary lane westbound between interchanges (approx 2,700 ft) | 2009 - 2014          | F1                    | Bottleneck alleviation project - freeway lane currently ends between two interchanges.   |
| 692            | I-75   | Emory Rd (SR 131) to Raccoon Valley Rd (SR 170) interchange  | 4.8            | Widen 4-lane to 6-lane   | 2025 - 2034          | F3                    | Project should employ construction management techniques to maintain existing traffic and extend current coverage of Freeway Transportation Management System  |
| 668            | Kingston Pike (SR 1) (US 11/70)                          | Smith Rd to Campbell Station Rd  | 1.4            | Widen 4-lane to 6-lane   | 2025 - 2034          | K23                   | Project should include median and accommodations for bicycles and pedestrians.   |
| 684            | Knoxville Regional Parkway (SR-475)                      | I-40/75 in Loudon County to I-75 in Anderson County  | 24.3           | Construct new 4-lane freeway   | 2025 - 2034          | F1, F3, F4            | Project proposed to be constructed as full-access control freeway facility and is currently in EIS process   |
| 608            | Lovell Road (SR 131)                                     | Pellissippi Pkwy (SR 162) SB Ramps to Schaeffer Rd   | 0.2            | Widen 2-lane to 4-lane   | 2009 - 2014          | K24                   | Project will include continuous center turn lane, sidewalks and bicycle lanes on both sides. This project has completed the design phase already.  |
| 637            | Lovell Road (SR 131)                                     | Schaeffer Rd to Middlebrook Pike (SR 169)  | 1.7            | Widen 2-lane to 4-lane   | 2015 - 2024          | K24                   | Project should include median and accommodations for bicycles and pedestrians.   |
| 604            | Maynardville Hwy (SR 33)                                 | Temple Acres Dr to Union County Line   | 5.9            | Widen 2-lane to 4-lane   | 2009 - 2014          | K28                   | Project will include continuous center turn lane and full width shoulders that can accommodate bicycles. This project has completed the design phase already.  |
| 656            | Millertown Pike  | I-640 to Mill Rd   | 0.6            | Widen 2-lane and 4-lane sections to 4-lane and 6-lane sections           | 2015 - 2024          | K31                   | Project should include median and accommodations for bicycles, pedestrians and buses.  |
| 665            | Murphy Road Extension                                    | Washington Pike to Millertown Pike   | 1.3            | Construct new 4-lane road  | 2015 - 2024          | K45, K48              | Project should include median and accommodations for bicycles and pedestrians.   |

**Table 38: Congestion Mitigation Strategies**

| LIMP Project # | Route                                | Termini  | Length (miles) | Type of Improvement          | Completion Timeframe | Congested Corridor ID | Additional Measures to Preserve Roadway Capacity   |
|----------------|--------------------------------------|--|----------------|------------------------------|----------------------|-----------------------|--|
| 638            | Oak Ridge Highway (SR 62)            | Schaad Rd to Byington-Beaver Ridge Rd (SR 131)                     | 4.2            | Widen 2-lane to 4-lane       | 2015 - 2024          | K35                   | Project should include median and accommodations for bicycles and pedestrians.   |
| 673            | Oak Ridge Highway (SR 62)            | Byington-Beaver Ridge Rd (SR 131) to Pellissippi Pkwy (SR 162)     | 4.2            | Widen 2-lane to 4-lane       | 2025 - 2034          | K35                   | Project should include median and accommodations for bicycles and pedestrians.   |
| 203            | Old Knoxville Hwy (SR 33)            | Hunt Rd (SR 335) to Pellissippi Pkwy (SR 162)                      | 0.5            | Widen 2-lane to 4-lane       | 2009 - 2014          | B15                   | Project will include median, sidewalks and bicycle lanes. This project has completed design phase already.   |
| 633            | Parkside Drive                       | Mabry Hood Rd to Hayfield Rd                                       | 1.1            | Widen 2-lane to 4-lane       | 2015 - 2024          | K37                   | Bottleneck alleviation project - connects existing 4-lane sections on either end. This project has completed the design phase already.   |
| 232            | Pellissippi Parkway (SR 162) (H-140) | Old Knoxville Hwy (SR 33) to Lamar Alexander Pkwy (SR 73) (US 321) | 8.9            | Construct new 4-lane freeway | 2015 - 2024          | B7, B9, B15           | Project proposed to be constructed as full-access control freeway facility and is currently in ES process.   |
| 625            | Schaad Road                          | Oak Ridge Hwy (SR 62) to Pleasant Ridge Rd                         | 1.5            | Widen 2-lane to 4-lane       | 2009 - 2014          | K41                   | Project proposed to include divided median and sidewalks on both sides.  |
| 605            | Schaad Road Extension                | Middlebrook Pike (SR 169) to west of Oak Ridge Hwy (SR 62)         | 4.6            | Construct new 4-lane road    | 2009 - 2014          | K4                    | Project will include divided median and sidewalks on both sides. This project has completed the design phase already.  |
| 666            | South Knoxville Blvd (SR 71)         | Moody Ave to Chapman Hwy (SR 71) (US 441)                          | 5.3            | Construct new 4-lane road    | 2015 - 2024          | K12                   | Project proposed to be constructed as full-access control freeway facility and is currently in ES process.   |
| 639            | Strawberry Plains Pike               | Gov. John Sevier Hwy (SR 168) to Moshina Rd                        | 1.6            | Widen 2-lane to 4-lane       | 2015 - 2024          | K44                   | Project should include median and accommodations for bicycles and pedestrians.   |
| 667            | Strawberry Plains Pike               | Moshina Rd to south of I-40  | 1.4            | Widen 2-lane to 4-lane       | 2015 - 2024          | K44                   | Project should include median and accommodations for bicycles and pedestrians.   |
| 641            | Tazewell Pike (SR 131)               | Emory Rd (SR 131) to Barker Rd                                     | 1.2            | Widen 2-lane to 4-lane       | 2015 - 2024          | K45                   | Project should include median and accommodations for bicycles and pedestrians.   |
| 640            | Tazewell Pike (SR 331)               | Murphy Rd to Emory Rd (SR 131)                                     | 4.7            | Widen 2-lane to 4-lane       | 2015 - 2024          | K45                   | Project should include median and accommodations for bicycles and pedestrians.   |
| 251            | Topside Road (SR 333)                | Pellissippi Pkwy (SR 162) to Louisville Rd (SR 334)                | 3.0            | Widen 2-lane to 4-lane       | 2025 - 2034          | B19                   | Project should include median and accommodations for bicycles and pedestrians.   |
| 416            | US 11 (SR 2)                         | US 321 (SR 73) to US 70 (SR 1)                                     | 5.1            | Widen 2-lane to 4-lane       | 2015 - 2024          | L1                    | Project should include median and accommodations for bicycles and pedestrians.   |
| 422            | US 321 (SR 73)                       | US 11 (SR 2) to I-75   | 2.7            | Widen 4-lane to 6-lane       | 2025 - 2034          | L2                    | Project should include median and accommodations for bicycles and pedestrians.   |
| 615            | Washington Pike                      | I-640 to Murphy Rd   | 1.6            | Widen 2-lane to 4-lane       | 2009 - 2014          | K48                   | Project should include median and accommodations for bicycles and pedestrians.   |
| 610            | Western Avenue (SR 62)               | Texas Ave to Major Ave   | 0.8            | Widen 2-lane to 4-lane       | 2009 - 2014          | K50                   | Project will include continuous center turn lane, sidewalks on both sides and full width shoulders that can accommodate bicycles. This project has completed the design phase already. |
| 612            | Western Avenue (SR 62)               | Schaad Rd to I-640   | 3.7            | Widen 2-lane to 4-lane       | 2009 - 2014          | K50                   | Project will include continuous center turn lane, sidewalks on both sides and full width shoulders that can accommodate bicycles. This project has completed the design phase already. |

**Table 39: Regional Mobility Plan projects with addition of Significant SOV Capacity**

| Strategy Class   | Strategy Group   | Representative Strategies  |
|--|--|--|
| <b>Strategy 1 -<br/>Transportation Demand Management</b>         | A. Growth Management/Land Use Controls   | 1. Promote Infill, Compact and Mixed-use Development<br>2. Enforce Growth Boundaries - Limit Rural Area Growth<br>3. Development Standards - Require sidewalks with new subdivisions |
|  | B. Congestion Pricing Controls   | 1. Road User Fees/Peak Hour Tolls<br>2. Parking Fees   |
|  | C. Ridesharing Programs  | 1. Carpool/Vanpool Incentives<br>2. HOV Priority Systems<br>3. Employer Trip Reduction Programs<br>4. Guaranteed Ride Home Program   |
|  | D. Alternative Work Arrangements   | 1. Telecommuting<br>2. Flexible work hours   |
|  | E. Non-Traditional Mode Incentives   | 1. Improved/Expanded bicycle network<br>2. Bicycle storage systems<br>3. Improved/Expanded pedestrian network  |
| <b>Strategy 2 -<br/>Operational Improvements</b>                 | <b>Traffic</b>   |  |
|  | A. Traffic Signal Improvements   | 1. Signal re-timing<br>2. Addition of vehicle presence detection<br>3. Additional signal department staffing   |
|  | B. Roadway Geometric Improvements  | 1. Bottle-neck alleviation<br>2. Turn lane additions at intersections<br>3. Re-striping/lane assignment modifications  |
|  | C. Turn Restrictions   | 1. Time-of-day restrictions on turning movements   |
|  | D. Ramp Metering   | 1. Meter freeway entrances to manage traffic flow  |
|  | E. Access Management   | 1. Driveway Management<br>2. Median Management   |
| F. Construction Management                                       | 1. Encourage construction activities in off-peak times<br>2. Coordinate traffic management plans |  |
| <b>Strategy 3 -<br/>Public Transportation Improvements</b>       | A. Transit Capital Improvements  | 1. New exclusive right-of-way service (bus or rail)<br>2. Fleet expansion<br>3. Transit Support Facilities   |
|  | B. Transit Operational Improvements  | 1. Route enhancements<br>2. Increased marketing of transit services<br>3. Fare incentives<br>4. Signal priority  |
| <b>Strategy 4 -<br/>Intelligent Transportation Systems (ITS)</b> | A. Incident Management   | 1. Incident detection/surveillance<br>2. Incident response/service patrols   |
|  | B. Advanced Traffic Management Systems   | 1. Traffic Management Centers<br>2. Traffic signal coordination/traffic adaptive signal timing   |
|  | C. Advanced Traveler Information Systems   | 1. Dynamic Message Signs<br>2. Highway Advisory Radio  |
|  | D. Advanced Public Transportation Systems  | 1. Automated vehicle location<br>2. "Smart" bus stops  |
|  | E. National ITS Architecture   | 1. Additional user services from ITS Architecture  |
| <b>Strategy 5 -<br/>Additional System Capacity</b>               | A. Additional Freeway Lanes  | 1. Adding capacity with construction of general purpose travel lanes   |
|  | B. Additional Arterial Lanes   | 1. Adding capacity with construction of general purpose travel lanes   |
|  | C. New Roadway Construction  | 1. Construction on new alignment, "bypass" type routes   |