

APPENDIX A: ROADWAY LOS RESULTS



| ROADWAY LOS THRESHOLDS | | | | | | | |
|------------------------|---------------|------------|---------------------------------|-------|-------|-------|-------|
| Classification | Median Type | # of Lanes | Peak Hour LOS Volume Thresholds | | | | |
| | | | LOS A | LOS B | LOS C | LOS D | LOS E |
| Freeway ¹ | N/A | 4 | 2,720 | 4,460 | 6,630 | 7,720 | 8,630 |
| | | 3+Aux | 2,360 | 3,860 | 5,640 | 6,730 | 7,530 |
| | | 3 | 2,000 | 3,270 | 4,660 | 5,740 | 6,430 |
| | | 2+Aux | 1,650 | 2,700 | 3,850 | 4,760 | 5,340 |
| | | 2 | 1,300 | 2,130 | 3,050 | 3,790 | 4,260 |
| Expressway (Caltrans) | Divided | 6 | 2,280 | 3,750 | 5,400 | 7,030 | 7,980 |
| | | 4 | 1,510 | 2,500 | 3,600 | 4,680 | 5,310 |
| Expressway (City) | Raised Median | 6 | - | - | 3,290 | 6,120 | 6,400 |
| | | 5 | - | - | 2,685 | 5,090 | 5,330 |
| | | 4 | - | - | 2,080 | 4,060 | 4,260 |
| | | 3 | - | - | 1,475 | 3,030 | 3,190 |
| Arterial | Raised Median | 8 | - | - | 4,180 | 7,210 | 7,580 |
| | | 6 | - | - | 3,060 | 5,390 | 5,680 |
| | | 5 | - | - | 2,500 | 4,480 | 4,730 |
| | | 4 | - | - | 1,950 | 3,580 | 3,780 |
| | | 3 | - | - | 1,400 | 2,670 | 2,830 |
| | | 2 | - | - | 860 | 1,770 | 1,880 |
| | TWLTL | 4 | - | - | 1,840 | 3,400 | 3,590 |
| | | 2 | - | - | 810 | 1,680 | 1,790 |
| | Undivided | 4 | - | - | 1,320 | 2,500 | 2,640 |
| | | 2 | - | - | 570 | 1,230 | 1,310 |
| Collector | TWLTL | 4 | - | - | 1,840 | 3,400 | 3,590 |
| | | 3 | - | - | 1,325 | 2,540 | 2,690 |
| | | 2 | - | - | 810 | 1,680 | 1,790 |
| | Undivided | 4 | - | - | 1,320 | 2,500 | 2,640 |
| | | 2 | - | - | 570 | 1,230 | 1,310 |
| State Highway | Undivided | 2 | 310 | 570 | 1,020 | 1,730 | 2,470 |
| Rural Arterial | Divided | 4 | - | - | 1,950 | 3,580 | 3,780 |
| | Undivided | 2 | - | - | 570 | 1,230 | 1,310 |
| Rural Collector/Local | Undivided | 2 | - | - | 570 | 930 | 1,000 |

Notes: ¹Freeway volume thresholds are for one-direction of travel. All other roadways are two-way total volumes. Thresholds developed using Highway Capacity Software based on the *Highway Capacity Manual* (Transportation Research Board, 2000).

Source: Fehr & Peers, 2012.

EXISTING CONDITIONS - PEAK HOUR ROADWAY SEGMENT LEVEL OF SERVICE

| Roadway Segment | | Jurisdiction | Classification | Median | # of Lanes | AM Peak Hour | | | PM Peak Hour | | |
|-----------------|--------------------------|------------------|-----------------|-----------|------------|--------------|---------------------|------------------|------------------|---------------------|------------------|
| Roadway | From | | | | | To | Volume ¹ | V/C ² | LOS ³ | Volume ¹ | V/C ² |
| Copper Avenue | West of Willow Avenue | City of Fresno | Arterial | Undivided | 2 | 608 | 0.46 | D | 603 | 0.46 | D |
| Copper Avenue | Willow Avenue | County of Fresno | Rural Arterial | Undivided | 2 | 472 | 0.36 | C | 455 | 0.35 | C |
| Copper Avenue | Auberry Road | County of Fresno | Rural Arterial | Undivided | 2 | 484 | 0.37 | C | 521 | 0.40 | C |
| Copper Avenue | East of Minnewawa Avenue | County of Fresno | Rural Collector | Undivided | 2 | 55 | 0.06 | C | 60 | 0.06 | C |
| Behymer Avenue | West of Willow Avenue | City of Fresno | Arterial | Raised | 4 | 230 | 0.06 | C | 332 | 0.09 | C |
| Behymer Avenue | Willow Avenue | County of Fresno | Rural Collector | Undivided | 2 | 660 | 0.66 | D | 644 | 0.64 | D |
| Behymer Avenue | Minnewawa Avenue | County of Fresno | Rural Collector | Undivided | 2 | 446 | 0.45 | C | 365 | 0.37 | C |
| Perrin Avenue | West of Willow Avenue | City of Fresno | Collector | TWTL | 4 | 629 | 0.18 | C | 771 | 0.21 | C |
| Shepherd Avenue | West of Willow Avenue | City of Fresno | Arterial | Raised | 4 | 883 | 0.23 | C | 1,268 | 0.34 | C |
| Shepherd Avenue | Willow Avenue | City of Clovis | Arterial | Raised | 3 | 798 | 0.28 | C | 949 | 0.34 | C |
| Shepherd Avenue | Minnewawa Avenue | City of Clovis | Arterial | Raised | 3 | 920 | 0.33 | C | 982 | 0.35 | C |
| Shepherd Avenue | Clovis Avenue | County of Fresno | Rural Arterial | Undivided | 2 | 866 | 0.66 | D | 944 | 0.72 | D |
| Shepherd Avenue | Fowler Avenue | City of Clovis | Expressway | Raised | 3 | 378 | 0.12 | C | 479 | 0.15 | C |
| Shepherd Avenue | Temperance Avenue | City of Clovis | Expressway | Raised | 3 | 520 | 0.16 | C | 498 | 0.16 | C |
| Shepherd Avenue | DeWolf Avenue | City of Clovis | Expressway | Raised | 4 | 451 | 0.11 | C | 389 | 0.09 | C |
| Teague Avenue | Willow Avenue | City of Clovis | Collector | TWTL | 3 | 793 | 0.44 | C | 654 | 0.37 | C |
| Nees Avenue | West of Willow Avenue | City of Fresno | Arterial | Raised | 4 | 1,000 | 0.26 | C | 1,729 | 0.46 | C |
| Nees Avenue | Willow Avenue | City of Clovis | Arterial | Raised | 4 | 974 | 0.26 | C | 1,105 | 0.29 | C |
| Nees Avenue | Minnewawa Avenue | City of Clovis | Arterial | Raised | 3 | 719 | 0.25 | C | 752 | 0.27 | C |
| Nees Avenue | Clovis Avenue | County of Fresno | Arterial | Undivided | 2 | 446 | 0.34 | C | 565 | 0.43 | C |
| Nees Avenue | Fowler Avenue | City of Clovis | Arterial | Undivided | 2 | 391 | 0.30 | C | 311 | 0.24 | C |
| Nees Avenue | Temperance Avenue | City of Clovis | Arterial | Undivided | 2 | 200 | 0.15 | C | 214 | 0.16 | C |
| Alluvial Avenue | West of Willow Avenue | City of Fresno | Collector | TWTL | 2 | 558 | 0.31 | C | 1,013 | 0.57 | D |
| Alluvial Avenue | Willow Avenue | City of Clovis | Collector | TWTL | 2 | 704 | 0.39 | C | 750 | 0.42 | C |
| Alluvial Avenue | Clovis Avenue | City of Clovis | Collector | TWTL | 2 | 600 | 0.34 | C | 699 | 0.39 | C |
| Alluvial Avenue | Fowler Avenue | City of Clovis | Collector | Undivided | 2 | 273 | 0.21 | C | 345 | 0.26 | C |
| Owens Mtn Pkwy | DeWolf Avenue | City of Clovis | Arterial | TWTL | 2 | 389 | 0.22 | C | 370 | 0.21 | C |
| Herndon Avenue | West of Willow Avenue | City of Fresno | Expressway | Raised | 6 | 2,372 | 0.37 | C | 3,301 | 0.52 | D |
| Herndon Avenue | Willow Avenue | City of Clovis | Expressway | Raised | 6 | 2,448 | 0.38 | C | 3,153 | 0.49 | C |
| Herndon Avenue | SR 168 | City of Clovis | Arterial | Raised | 8 | 2,422 | 0.32 | C | 2,915 | 0.38 | C |
| Herndon Avenue | Clovis Avenue | City of Clovis | Arterial | Raised | 5 | 1,645 | 0.35 | C | 2,044 | 0.43 | C |
| Herndon Avenue | Sunnyside Avenue | City of Clovis | Arterial | Raised | 5 | 1,275 | 0.27 | C | 1,586 | 0.34 | C |

EXISTING CONDITIONS - PEAK HOUR ROADWAY SEGMENT LEVEL OF SERVICE

| Roadway Segment | | Jurisdiction | Classification | Median | # of Lanes | AM Peak Hour | | | PM Peak Hour | | | |
|-----------------|-----------------------|-------------------|------------------|----------------|------------|--------------|---------------------|------------------|------------------|---------------------|------------------|------------------|
| Roadway | From | | | | | To | Volume ¹ | V/C ² | LOS ³ | Volume ¹ | V/C ² | LOS ³ |
| Herdon Avenue | Fowler Avenue | Temperance Avenue | City of Clovis | Arterial | Raised | 6 | 1,101 | 0.19 | C | 1,442 | 0.25 | C |
| Herdon Avenue | Temperance Avenue | DeWolf Avenue | County of Fresno | Arterial | Undivided | 2 | 923 | 0.70 | D | 1,042 | 0.80 | D |
| Herdon Avenue | DeWolf Avenue | McCall Avenue | County of Fresno | Rural Arterial | Undivided | 2 | 596 | 0.45 | D | 608 | 0.46 | D |
| Herdon Avenue | McCall Avenue | Academy Avenue | County of Fresno | Rural Arterial | Undivided | 2 | 318 | 0.24 | C | 353 | 0.27 | C |
| Sierra Avenue | Willow Avenue | Villa Avenue | City of Clovis | Collector | TWTL | 2 | 203 | 0.11 | C | 308 | 0.17 | C |
| Sierra Avenue | Villa Avenue | Clovis Avenue | City of Clovis | Collector | TWTL | 2 | 443 | 0.25 | C | 500 | 0.28 | C |
| Sierra Avenue | Fowler Avenue | Temperance Avenue | City of Clovis | Collector | TWTL | 2 | 470 | 0.26 | C | 337 | 0.19 | C |
| Third Street | Clovis Avenue | Sunnyside Avenue | City of Clovis | Collector | TWTL | 2 | 504 | 0.28 | C | 432 | 0.24 | C |
| Tollhouse Road | Sunnyside Avenue | Armstrong Avenue | City of Clovis | Collector | TWTL | 2 | 471 | 0.26 | C | 519 | 0.29 | C |
| Bullard Avenue | West of Willow Avenue | SR 168 | City of Fresno | Arterial | Raised | 4 | 1,373 | 0.36 | C | 2,029 | 0.54 | D |
| Bullard Avenue | Willow Avenue | SR 168 | City of Clovis | Arterial | TWTL | 4 | 2,149 | 0.60 | D | 2,261 | 0.63 | D |
| Bullard Avenue | SR 168 | Villa Avenue | City of Clovis | Arterial | Raised | 4 | 1,832 | 0.48 | C | 2,036 | 0.54 | D |
| Bullard Avenue | Villa Avenue | Fifth Street | City of Clovis | Arterial | Raised | 4 | 1,489 | 0.39 | C | 1,763 | 0.47 | C |
| Fifth Street | Bullard Avenue | Clovis Avenue | City of Clovis | Collector | TWTL | 2 | 600 | 0.34 | C | 757 | 0.42 | C |
| Fifth Street | Clovis Avenue | Sunnyside Avenue | City of Clovis | Collector | TWTL | 2 | 810 | 0.45 | C | 675 | 0.38 | C |
| Bullard Avenue | Sunnyside Avenue | Fowler Avenue | City of Clovis | Arterial | Undivided | 4 | 1,020 | 0.39 | C | 712 | 0.27 | C |
| Bullard Avenue | Fowler Avenue | Temperance Avenue | City of Clovis | Arterial | Raised | 4 | 1,020 | 0.27 | C | 712 | 0.19 | C |
| Bullard Avenue | Temperance Avenue | DeWolf Avenue | City of Clovis | Arterial | Undivided | 2 | 653 | 0.50 | D | 489 | 0.37 | C |
| Barstow Avenue | Willow Avenue | Clovis Avenue | City of Clovis | Collector | TWTL | 2 | 660 | 0.37 | C | 644 | 0.36 | C |
| Barstow Avenue | Clovis Avenue | Fowler Avenue | City of Clovis | Collector | Undivided | 4 | 851 | 0.32 | C | 760 | 0.29 | C |
| Barstow Avenue | Fowler Avenue | Temperance Avenue | City of Clovis | Collector | Undivided | 4 | 878 | 0.33 | C | 669 | 0.25 | C |
| Barstow Avenue | Temperance Avenue | Locan Avenue | City of Clovis | Collector | TWTL | 2 | 887 | 0.50 | D | 616 | 0.34 | C |
| Shaw Avenue | West of SR 168 | SR 168 | City of Fresno | Arterial | Raised | 6 | 3,389 | 0.60 | D | 3,651 | 0.64 | D |
| Shaw Avenue | SR 168 | Willow Avenue | City of Clovis | Arterial | Raised | 6 | 2,483 | 0.44 | C | 3,057 | 0.54 | C |
| Shaw Avenue | Willow Avenue | Peach Avenue | City of Clovis | Arterial | Raised | 6 | 2,172 | 0.38 | C | 3,244 | 0.57 | D |
| Shaw Avenue | Peach Avenue | Villa Avenue | City of Clovis | Arterial | Raised | 6 | 1,792 | 0.32 | C | 2,908 | 0.51 | C |
| Shaw Avenue | Villa Avenue | Minnewawa Avenue | City of Clovis | Arterial | Raised | 6 | 1,978 | 0.35 | C | 2,711 | 0.48 | C |
| Shaw Avenue | Minnewawa Avenue | Clovis Avenue | City of Clovis | Arterial | Raised | 6 | 2,033 | 0.36 | C | 3,006 | 0.53 | C |
| Shaw Avenue | Clovis Avenue | Sunnyside Avenue | City of Clovis | Arterial | Raised | 6 | 1,746 | 0.31 | C | 2,501 | 0.44 | C |
| Shaw Avenue | Sunnyside Avenue | Fowler Avenue | City of Clovis | Arterial | Raised | 6 | 1,543 | 0.27 | C | 1,795 | 0.32 | C |
| Shaw Avenue | Fowler Avenue | Temperance Avenue | City of Clovis | Arterial | Raised | 6 | 1,263 | 0.22 | C | 1,917 | 0.34 | C |
| Shaw Avenue | Temperance Avenue | DeWolf Avenue | City of Clovis | Arterial | Raised | 4 | 1,423 | 0.38 | C | 1,460 | 0.39 | C |

EXISTING CONDITIONS - PEAK HOUR ROADWAY SEGMENT LEVEL OF SERVICE

| Roadway Segment | | Jurisdiction | Classification | Median | # of Lanes | AM Peak Hour | | | PM Peak Hour | | | |
|-------------------|-----------------------|-------------------|------------------|-----------------|------------|--------------|---------------------|------------------|------------------|---------------------|------------------|------------------|
| Roadway | From | | | | | To | Volume ¹ | V/C ² | LOS ³ | Volume ¹ | V/C ² | LOS ³ |
| Shaw Avenue | DeWolf Avenue | McCall Avenue | County of Fresno | Rural Arterial | Undivided | 2 | 790 | 0.60 | D | 690 | 0.53 | D |
| Shaw Avenue | McCall Avenue | Academy Avenue | County of Fresno | Rural Arterial | Undivided | 2 | 510 | 0.39 | C | 680 | 0.52 | D |
| Gettysburg Avenue | West of Willow Avenue | Minnewawa Avenue | City of Fresno | Collector | Undivided | 4 | 804 | 0.30 | C | 1,401 | 0.53 | D |
| Gettysburg Avenue | Willow Avenue | Minnewawa Avenue | City of Clovis | Collector | Undivided | 4 | 482 | 0.18 | C | 572 | 0.22 | C |
| Gettysburg Avenue | Clovis Avenue | Fowler Avenue | City of Clovis | Collector | TWTL | 2 | 1,024 | 0.57 | D | 1,044 | 0.58 | D |
| Gettysburg Avenue | Fowler Avenue | Temperance Avenue | City of Clovis | Collector | TWTL | 2 | 722 | 0.40 | C | 458 | 0.26 | C |
| Gettysburg Avenue | Temperance Avenue | DeWolf Avenue | City of Clovis | Collector | TWTL | 2 | 771 | 0.43 | C | 230 | 0.13 | C |
| Gettysburg Avenue | DeWolf Avenue | Leonard Avenue | County of Fresno | Rural Collector | Undivided | 2 | 151 | 0.15 | C | 31 | 0.03 | C |
| Ashlan Avenue | SR 168 | Willow Avenue | City of Fresno | Arterial | Raised | 4 | 1,246 | 0.33 | C | 1,547 | 0.41 | C |
| Ashlan Avenue | Willow Avenue | Peach Avenue | City of Clovis | Arterial | Raised | 4 | 1,647 | 0.44 | C | 2,147 | 0.57 | D |
| Ashlan Avenue | Peach Avenue | Minnewawa Avenue | City of Clovis | Arterial | Raised | 4 | 1,154 | 0.31 | C | 1,816 | 0.48 | C |
| Ashlan Avenue | Minnewawa Avenue | Clovis Avenue | County of Fresno | Arterial | Undivided | 2 | 1,160 | 0.89 | D | 1,518 | 1.16 | F |
| Ashlan Avenue | Clovis Avenue | Sunnyside Avenue | County of Fresno | Arterial | TWTL | 2 | 1,148 | 0.64 | D | 1,531 | 0.86 | D |
| Ashlan Avenue | Sunnyside Avenue | Fowler Avenue | City of Clovis | Arterial | Raised | 4 | 1,148 | 0.30 | C | 1,531 | 0.41 | C |
| Ashlan Avenue | Fowler Avenue | Temperance Avenue | City of Clovis | Arterial | Raised | 4 | 961 | 0.25 | C | 965 | 0.26 | C |
| Ashlan Avenue | Temperance Avenue | DeWolf Avenue | City of Clovis | Arterial | Raised | 4 | 1,236 | 0.33 | C | 795 | 0.21 | C |
| Ashlan Avenue | DeWolf Avenue | McCall Avenue | County of Fresno | Rural Arterial | Undivided | 2 | 306 | 0.23 | C | 328 | 0.25 | C |
| Ashlan Avenue | McCall Avenue | Academy Avenue | County of Fresno | Rural Collector | Undivided | 3 | 350 | 0.35 | C | 293 | 0.29 | C |
| Dakota Avenue | West of Peach Avenue | | City of Fresno | Collector | TWTL | 2 | 657 | 0.37 | C | 976 | 0.55 | D |
| Airways Boulevard | Dakota Avenue | Clovis Avenue | City of Fresno | Arterial | Raised | 4 | 794 | 0.21 | C | 953 | 0.25 | C |
| Shields Avenue | Clovis Avenue | Fowler Avenue | City of Fresno | Arterial | Raised | 4 | 1,021 | 0.27 | C | 937 | 0.25 | C |
| Shields Avenue | Fowler Avenue | Temperance Avenue | City of Fresno | Arterial | Raised | 4 | 866 | 0.23 | C | 838 | 0.22 | C |
| Shields Avenue | Temperance Avenue | Leonard Avenue | County of Fresno | Arterial | Undivided | 2 | 829 | 0.63 | D | 379 | 0.29 | C |
| Willow Avenue | Friant Road | Copper Avenue | County of Fresno | Rural Arterial | Undivided | 2 | 300 | 0.23 | C | 312 | 0.24 | C |
| Willow Avenue | Copper Avenue | Behymer Avenue | City of Clovis | Arterial | Raised | 3 | 1,380 | 0.49 | C | 1,127 | 0.40 | C |
| Willow Avenue | Behymer Avenue | Shepherd Avenue | City of Clovis | Arterial | Raised | 3 | 1,313 | 0.46 | C | 1,453 | 0.51 | D |
| Willow Avenue | Shepherd Avenue | Nees Avenue | City of Clovis | Arterial | Raised | 3 | 715 | 0.25 | C | 864 | 0.31 | C |
| Willow Avenue | Nees Avenue | Alluvial Avenue | City of Clovis | Arterial | Raised | 3 | 914 | 0.32 | C | 1,810 | 0.64 | D |
| Willow Avenue | Alluvial Avenue | Herndon Avenue | City of Clovis | Arterial | Raised | 5 | 1,385 | 0.29 | C | 2,219 | 0.47 | C |
| Willow Avenue | Herndon Avenue | Bullard Avenue | City of Clovis | Arterial | Raised | 4 | 1,772 | 0.47 | C | 2,331 | 0.62 | D |
| Willow Avenue | Bullard Avenue | Barstow Avenue | City of Clovis | Arterial | Raised | 4 | 1,544 | 0.41 | C | 1,877 | 0.50 | C |
| Willow Avenue | Barstow Avenue | Shaw Avenue | City of Clovis | Arterial | Raised | 6 | 1,458 | 0.26 | C | 1,898 | 0.33 | C |

EXISTING CONDITIONS - PEAK HOUR ROADWAY SEGMENT LEVEL OF SERVICE

| Roadway Segment | | Jurisdiction | Classification | Median | # of Lanes | AM Peak Hour | | | PM Peak Hour | | |
|-------------------|--------------------------|------------------|-----------------|-----------|------------|--------------|---------------------|------------------|------------------|---------------------|------------------|
| Roadway | From | | | | | To | Volume ¹ | V/C ² | LOS ³ | Volume ¹ | V/C ² |
| Willow Avenue | Shaw Avenue | Ashlan Avenue | Arterial | Raised | 4 | 1,167 | 0.31 | C | 1,548 | 0.41 | C |
| Chestnut Diagonal | South of Ashlan Avenue | City of Fresno | Arterial | Raised | 4 | 663 | 0.18 | C | 922 | 0.24 | C |
| Peach Avenue | Shepherd Avenue | City of Clovis | Collector | TWTL | 2 | 335 | 0.19 | C | 241 | 0.13 | C |
| Peach Avenue | Teague Avenue | City of Clovis | Collector | TWTL | 2 | 946 | 0.53 | D | 583 | 0.33 | C |
| Peach Avenue | Nees Avenue | City of Clovis | Collector | TWTL | 2 | 673 | 0.38 | C | 630 | 0.35 | C |
| Peach Avenue | Herndon Avenue | City of Clovis | Collector | Undivided | 4 | 599 | 0.23 | C | 1,356 | 0.51 | D |
| Peach Avenue | Ashlan Avenue | City of Clovis | Collector | Undivided | 4 | 691 | 0.19 | C | 1,004 | 0.28 | C |
| Peach Avenue | Ashlan Avenue | City of Clovis | Collector | TWTL | 4 | 691 | 0.19 | C | 1,004 | 0.28 | C |
| Auberry Road | Ashlan Avenue | City of Clovis | Collector | TWTL | 4 | 691 | 0.19 | C | 1,004 | 0.28 | C |
| Auberry Road | Dakota Avenue | City of Clovis | Collector | TWTL | 4 | 691 | 0.19 | C | 1,004 | 0.28 | C |
| Auberry Road | North of Copper Avenue | County of Fresno | Rural Arterial | Undivided | 2 | 379 | 0.29 | C | 462 | 0.35 | C |
| Villa Avenue | Herndon Avenue | City of Clovis | Collector | Undivided | 4 | 734 | 0.28 | C | 963 | 0.36 | C |
| Villa Avenue | Bullard Avenue | City of Clovis | Collector | Undivided | 4 | 734 | 0.28 | C | 963 | 0.36 | C |
| Villa Avenue | Shaw Avenue | City of Clovis | Collector | Undivided | 4 | 771 | 0.29 | C | 1,106 | 0.42 | C |
| Villa Avenue | Shaw Avenue | City of Clovis | Collector | Undivided | 4 | 771 | 0.29 | C | 1,106 | 0.42 | C |
| Villa Avenue | Bullard Avenue | City of Clovis | Collector | TWTL | 4 | 192 | 0.05 | C | 463 | 0.13 | C |
| Villa Avenue | Gettysburg Avenue | City of Clovis | Collector | TWTL | 4 | 192 | 0.05 | C | 463 | 0.13 | C |
| Minnewawa Avenue | Copper Avenue | County of Fresno | Rural Collector | Undivided | 2 | 620 | 0.62 | D | 597 | 0.60 | D |
| Minnewawa Avenue | Behymer Avenue | County of Fresno | Rural Collector | Undivided | 2 | 623 | 0.62 | D | 566 | 0.57 | C |
| Minnewawa Avenue | Behymer Avenue | County of Fresno | Rural Collector | Undivided | 2 | 623 | 0.62 | D | 566 | 0.57 | C |
| Minnewawa Avenue | Shepherd Avenue | City of Clovis | Arterial | Raised | 4 | 763 | 0.20 | C | 609 | 0.16 | C |
| Minnewawa Avenue | Teague Avenue | City of Clovis | Arterial | Raised | 4 | 1,424 | 0.38 | C | 1,149 | 0.30 | C |
| Minnewawa Avenue | Nees Avenue | City of Clovis | Arterial | Raised | 4 | 1,166 | 0.31 | C | 951 | 0.25 | C |
| Minnewawa Avenue | Herndon Avenue | City of Clovis | Arterial | Raised | 4 | 1,166 | 0.31 | C | 951 | 0.25 | C |
| Minnewawa Avenue | Shaw Avenue | City of Clovis | Collector | Undivided | 4 | 370 | 0.14 | C | 667 | 0.25 | C |
| Minnewawa Avenue | Bullard Avenue | City of Clovis | Collector | Undivided | 4 | 370 | 0.14 | C | 667 | 0.25 | C |
| Minnewawa Avenue | Shaw Avenue | City of Clovis | Collector | Undivided | 2 | 436 | 0.33 | C | 817 | 0.62 | D |
| Clovis Avenue | Shepherd Avenue | City of Clovis | Arterial | Raised | 4 | 414 | 0.11 | C | 450 | 0.12 | C |
| Clovis Avenue | Teague Avenue | City of Clovis | Arterial | Raised | 4 | 414 | 0.11 | C | 450 | 0.12 | C |
| Clovis Avenue | Nees Avenue | City of Clovis | Arterial | Raised | 4 | 422 | 0.11 | C | 564 | 0.15 | C |
| Clovis Avenue | Nees Avenue | City of Clovis | Arterial | Raised | 4 | 422 | 0.11 | C | 564 | 0.15 | C |
| Clovis Avenue | Alluvial Avenue | City of Clovis | Arterial | Raised | 4 | 871 | 0.23 | C | 931 | 0.25 | C |
| Clovis Avenue | Alluvial Avenue | City of Clovis | Arterial | Raised | 4 | 871 | 0.23 | C | 931 | 0.25 | C |
| Clovis Avenue | Herndon Avenue | City of Clovis | Arterial | Raised | 4 | 874 | 0.23 | C | 1,240 | 0.33 | C |
| Clovis Avenue | Herndon Avenue | City of Clovis | Arterial | Raised | 4 | 874 | 0.23 | C | 1,240 | 0.33 | C |
| Clovis Avenue | Third Street | City of Clovis | Arterial | Raised | 4 | 762 | 0.20 | C | 1,392 | 0.37 | C |
| Clovis Avenue | Third Street | City of Clovis | Arterial | Raised | 4 | 762 | 0.20 | C | 1,392 | 0.37 | C |
| Clovis Avenue | Fifth Street | City of Clovis | Arterial | Undivided | 4 | 619 | 0.23 | C | 930 | 0.35 | C |
| Clovis Avenue | Fifth Street | City of Clovis | Arterial | Undivided | 4 | 619 | 0.23 | C | 930 | 0.35 | C |
| Clovis Avenue | Barstow Avenue | City of Clovis | Arterial | Undivided | 4 | 1,066 | 0.40 | C | 1,439 | 0.55 | D |
| Clovis Avenue | Barstow Avenue | City of Clovis | Arterial | Undivided | 4 | 1,066 | 0.40 | C | 1,439 | 0.55 | D |
| Clovis Avenue | Shaw Avenue | City of Clovis | Arterial | TWTL | 4 | 1,041 | 0.29 | C | 1,669 | 0.46 | C |
| Clovis Avenue | Shaw Avenue | City of Clovis | Arterial | TWTL | 4 | 1,041 | 0.29 | C | 1,669 | 0.46 | C |
| Clovis Avenue | Ashlan Avenue | City of Clovis | Arterial | Raised | 6 | 1,247 | 0.22 | C | 1,884 | 0.33 | C |
| Clovis Avenue | Ashlan Avenue | City of Clovis | Arterial | Raised | 6 | 1,247 | 0.22 | C | 1,884 | 0.33 | C |
| Clovis Avenue | Shields Avenue | City of Fresno | Arterial | Raised | 6 | 1,698 | 0.30 | C | 2,132 | 0.38 | C |
| Clovis Avenue | Shields Avenue | City of Fresno | Arterial | Raised | 6 | 1,698 | 0.30 | C | 2,132 | 0.38 | C |
| Clovis Avenue | South of Shields Avenue | City of Fresno | Arterial | Raised | 6 | 2,188 | 0.39 | C | 2,604 | 0.46 | C |
| Clovis Avenue | South of Shields Avenue | City of Fresno | Arterial | Raised | 6 | 2,188 | 0.39 | C | 2,604 | 0.46 | C |
| Sunnyside Avenue | North of Shepherd Avenue | County of Fresno | Rural Collector | Undivided | 2 | 27 | 0.03 | C | 42 | 0.04 | C |
| Sunnyside Avenue | North of Shepherd Avenue | County of Fresno | Rural Collector | Undivided | 2 | 27 | 0.03 | C | 42 | 0.04 | C |
| Sunnyside Avenue | Shepherd Avenue | County of Fresno | Rural Collector | Undivided | 2 | 97 | 0.10 | C | 151 | 0.15 | C |
| Sunnyside Avenue | Nees Avenue | County of Fresno | Rural Collector | Undivided | 2 | 97 | 0.10 | C | 151 | 0.15 | C |
| Sunnyside Avenue | Nees Avenue | County of Fresno | Rural Collector | Undivided | 2 | 97 | 0.10 | C | 151 | 0.15 | C |
| Sunnyside Avenue | Herndon Avenue | City of Clovis | Collector | Undivided | 4 | 469 | 0.18 | C | 433 | 0.16 | C |

EXISTING CONDITIONS - PEAK HOUR ROADWAY SEGMENT LEVEL OF SERVICE

| Roadway Segment | | Jurisdiction | Classification | Median | # of Lanes | AM Peak Hour | | | PM Peak Hour | | | |
|-------------------|-------------------------|-------------------|------------------|-----------------|------------|--------------|---------------------|------------------|------------------|---------------------|------------------|------------------|
| Roadway | From | | | | | To | Volume ¹ | V/C ² | LOS ³ | Volume ¹ | V/C ² | LOS ³ |
| Sunnyside Avenue | Herndon Avenue | Fifth Street | City of Clovis | Collector | Undivided | 4 | 859 | 0.33 | C | 991 | 0.38 | C |
| Sunnyside Avenue | Fifth Street | Shaw Avenue | City of Clovis | Collector | Undivided | 4 | 678 | 0.26 | C | 962 | 0.36 | C |
| Fowler Avenue | Behymer Avenue | Shepherd Avenue | County of Fresno | Rural Collector | Undivided | 2 | 525 | 0.53 | C | 540 | 0.54 | C |
| Fowler Avenue | Shepherd Avenue | Nees Avenue | County of Fresno | Rural Arterial | Undivided | 2 | 551 | 0.42 | C | 699 | 0.53 | D |
| Fowler Avenue | Nees Avenue | SR 168 | City of Clovis | Arterial | Raised | 4 | 901 | 0.24 | C | 1,098 | 0.29 | C |
| Fowler Avenue | SR 168 | Herndon Avenue | City of Clovis | Arterial | Raised | 4 | 1,355 | 0.36 | C | 1,667 | 0.44 | C |
| Fowler Avenue | Herndon Avenue | Tollhouse Road | City of Clovis | Arterial | Raised | 4 | 1,327 | 0.35 | C | 1,623 | 0.43 | C |
| Fowler Avenue | Tollhouse Road | Bullard Avenue | City of Clovis | Arterial | Raised | 4 | 1,248 | 0.33 | C | 1,500 | 0.40 | C |
| Fowler Avenue | Bullard Avenue | Shaw Avenue | City of Clovis | Arterial | Raised | 4 | 1,357 | 0.36 | C | 1,379 | 0.36 | C |
| Fowler Avenue | Shaw Avenue | Gettysburg Avenue | City of Clovis | Arterial | Raised | 4 | 1,014 | 0.27 | C | 1,333 | 0.35 | C |
| Fowler Avenue | Gettysburg Avenue | Ashlan Avenue | City of Clovis | Arterial | Raised | 4 | 1,039 | 0.27 | C | 1,323 | 0.35 | C |
| Fowler Avenue | Ashlan Avenue | Shields Avenue | City of Fresno | Arterial | Raised | 4 | 1,020 | 0.27 | C | 1,187 | 0.31 | C |
| Fowler Avenue | South of Shields Avenue | Herndon Avenue | City of Fresno | Arterial | Undivided | 2 | 717 | 0.55 | D | 926 | 0.71 | D |
| Armstrong Avenue | Nees Avenue | Bullard Avenue | City of Clovis | Collector | Undivided | 2 | 325 | 0.25 | C | 332 | 0.25 | C |
| Armstrong Avenue | Herndon Avenue | Bullard Avenue | City of Clovis | Collector | TWTL | 2 | 613 | 0.34 | C | 644 | 0.36 | C |
| Armstrong Avenue | Bullard Avenue | Shaw Avenue | City of Clovis | Collector | TWTL | 4 | 610 | 0.34 | C | 889 | 0.50 | D |
| Armstrong Avenue | Shaw Avenue | Gettysburg Avenue | City of Clovis | Collector | TWTL | 2 | 477 | 0.27 | C | 631 | 0.35 | C |
| Armstrong Avenue | Gettysburg Avenue | Ashlan Avenue | City of Clovis | Collector | Undivided | 2 | 275 | 0.21 | C | 693 | 0.53 | D |
| Armstrong Avenue | Ashlan Avenue | Dakota Avenue | City of Clovis | Collector | Undivided | 2 | 664 | 0.51 | D | 495 | 0.38 | C |
| Armstrong Avenue | South of Dakota Avenue | Nees Avenue | City of Fresno | Collector | Undivided | 2 | 393 | 0.30 | C | 417 | 0.32 | C |
| Temperance Avenue | Shepherd Avenue | Nees Avenue | City of Clovis | Arterial | Raised | 3 | 326 | 0.12 | C | 481 | 0.17 | C |
| Temperance Avenue | Nees Avenue | SR 168 | City of Clovis | Arterial | Raised | 4 | 490 | 0.13 | C | 656 | 0.17 | C |
| Temperance Avenue | SR 168 | Herndon Avenue | City of Clovis | Expressway | Raised | 4 | 1,424 | 0.33 | C | 1,277 | 0.30 | C |
| Temperance Avenue | Herndon Avenue | Sierra Avenue | City of Clovis | Expressway | Raised | 4 | 988 | 0.23 | C | 982 | 0.23 | C |
| Temperance Avenue | Sierra Avenue | Bullard Avenue | City of Clovis | Expressway | Raised | 4 | 849 | 0.20 | C | 960 | 0.23 | C |
| Temperance Avenue | Bullard Avenue | Barstow Avenue | City of Clovis | Expressway | Raised | 4 | 752 | 0.18 | C | 750 | 0.18 | C |
| Temperance Avenue | Barstow Avenue | Shaw Avenue | City of Clovis | Expressway | Raised | 5 | 713 | 0.13 | C | 645 | 0.12 | C |
| Temperance Avenue | Shaw Avenue | Ashlan Avenue | City of Clovis | Expressway | Raised | 4 | 719 | 0.17 | C | 824 | 0.19 | C |
| Temperance Avenue | Ashlan Avenue | Shields Avenue | City of Fresno | Expressway | Raised | 3 | 558 | 0.17 | C | 571 | 0.18 | C |
| Locan Avenue | Shepherd Avenue | Nees Avenue | City of Clovis | Rural Collector | Undivided | 2 | 136 | 0.14 | C | 180 | 0.18 | C |
| Locan Avenue | Herndon Avenue | Bullard Avenue | County of Fresno | Rural Collector | Undivided | 2 | 216 | 0.22 | C | 109 | 0.11 | C |
| Locan Avenue | Bullard Avenue | Shaw Avenue | City of Clovis | Collector | Undivided | 2 | 244 | 0.19 | C | 149 | 0.11 | C |

EXISTING CONDITIONS - PEAK HOUR ROADWAY SEGMENT LEVEL OF SERVICE

| Roadway Segment | | Jurisdiction | Classification | Median | # of Lanes | AM Peak Hour | | | PM Peak Hour | | |
|-----------------|------------------------|------------------|-----------------|-----------|------------|--------------|---------------------|------------------|------------------|---------------------|------------------|
| Roadway | From | | | | | To | Volume ¹ | V/C ² | LOS ³ | Volume ¹ | V/C ² |
| Locan Avenue | Shaw Avenue | City of Clovis | Collector | Undivided | 2 | 154 | 0.12 | C | 184 | 0.14 | C |
| Locan Avenue | Ashlan Avenue | City of Fresno | Collector | Undivided | 2 | 381 | 0.29 | C | 277 | 0.21 | C |
| DeWolf Avenue | Shepherd Avenue | City of Clovis | Arterial | Raised | 2 | 177 | 0.09 | C | 168 | 0.09 | C |
| DeWolf Avenue | Tollhouse Road | County of Fresno | Rural Collector | Undivided | 2 | 63 | 0.06 | C | 92 | 0.09 | C |
| DeWolf Avenue | Herndon Avenue | County of Fresno | Rural Collector | Undivided | 2 | 267 | 0.27 | C | 188 | 0.19 | C |
| DeWolf Avenue | Bullard Avenue | City of Clovis | Collector | TWLT | 2 | 306 | 0.17 | C | 241 | 0.13 | C |
| DeWolf Avenue | Shaw Avenue | City of Clovis | Collector | TWLT | 2 | 275 | 0.15 | C | 172 | 0.10 | C |
| DeWolf Avenue | Ashlan Avenue | County of Fresno | Rural Collector | Undivided | 2 | 536 | 0.54 | C | 290 | 0.29 | C |
| Leonard Avenue | Bullard Avenue | County of Fresno | Rural Arterial | Undivided | 2 | 85 | 0.06 | C | 52 | 0.04 | C |
| Leonard Avenue | Shaw Avenue | County of Fresno | Rural Arterial | Undivided | 2 | 693 | 0.53 | D | 177 | 0.14 | C |
| Thompson Avenue | Cole Avenue | County of Fresno | Rural Collector | Undivided | 2 | 143 | 0.14 | C | 167 | 0.17 | C |
| McCall Avenue | Herndon Avenue | County of Fresno | Rural Arterial | Undivided | 2 | 326 | 0.25 | C | 317 | 0.24 | C |
| McCall Avenue | Shaw Avenue | County of Fresno | Rural Arterial | Undivided | 2 | 354 | 0.27 | C | 339 | 0.26 | C |
| McCall Avenue | South of Ashlan Avenue | County of Fresno | Rural Arterial | Undivided | 2 | 354 | 0.27 | C | 339 | 0.26 | C |
| Academy Avenue | Shepherd Avenue | County of Fresno | Rural Arterial | Undivided | 2 | 122 | 0.09 | C | 163 | 0.12 | C |
| Academy Avenue | Herndon Avenue | County of Fresno | Rural Arterial | Undivided | 2 | 367 | 0.28 | C | 413 | 0.32 | C |
| Academy Avenue | South of Shaw Avenue | County of Fresno | Rural Arterial | Undivided | 4 | 471 | 0.12 | C | 629 | 0.17 | C |
| SR 168 EB | SR 180 | Caltrans | Freeway | N/A | 3 + AUX | 3,485 | 0.46 | B | 4,363 | 0.58 | C |
| SR 168 WB | McKinley Avenue | Caltrans | Freeway | N/A | 3 + AUX | 4,242 | 0.56 | C | 3,291 | 0.44 | B |
| SR 168 EB | McKinley Avenue | Caltrans | Freeway | N/A | 3 + AUX | 3,972 | 0.53 | C | 5,337 | 0.71 | C |
| SR 168 WB | Shields Avenue | Caltrans | Freeway | N/A | 3 + AUX | 5,358 | 0.71 | C | 3,743 | 0.50 | B |
| SR 168 EB | Shields Avenue | Caltrans | Freeway | N/A | 3 | 3,511 | 0.55 | C | 5,355 | 0.83 | D |
| SR 168 WB | Ashlan Avenue | Caltrans | Freeway | N/A | 3 | 5,398 | 0.84 | D | 3,435 | 0.53 | C |
| SR 168 EB | Shields Avenue | Caltrans | Freeway | N/A | 3 | 1,723 | 0.27 | A | 3,310 | 0.51 | C |
| SR 168 WB | Shaw Avenue | Caltrans | Freeway | N/A | 3 | 4,606 | 0.72 | C | 2,396 | 0.37 | B |
| SR 168 EB | Shaw Avenue | Caltrans | Freeway | N/A | 3 | 1,808 | 0.28 | A | 3,577 | 0.56 | C |
| SR 168 WB | Bullard Avenue | Caltrans | Freeway | N/A | 3 | 3,805 | 0.59 | C | 1,657 | 0.26 | A |
| SR 168 EB | Bullard Avenue | Caltrans | Freeway | N/A | 3 + AUX | 1,306 | 0.17 | A | 3,169 | 0.42 | B |
| SR 168 WB | Herndon Avenue | Caltrans | Freeway | N/A | 3 | 3,623 | 0.56 | C | 1,279 | 0.20 | A |
| SR 168 EB | Herndon Avenue | Caltrans | Freeway | N/A | 2 | 833 | 0.20 | A | 2,159 | 0.51 | C |
| SR 168 WB | Fowler Avenue | Caltrans | Freeway | N/A | 2 | 3,185 | 0.75 | D | 1,169 | 0.27 | A |
| SR 168 EB | Fowler Avenue | Caltrans | Freeway | N/A | 2 | 551 | 0.13 | A | 1,502 | 0.35 | B |

EXISTING CONDITIONS - PEAK HOUR ROADWAY SEGMENT LEVEL OF SERVICE

| Roadway Segment | | Jurisdiction | Classification | Median | # of Lanes | AM Peak Hour | | | PM Peak Hour | | |
|-----------------|-------------------------|--------------|----------------|--------|------------|--------------|---------------------|------------------|------------------|---------------------|------------------|
| Roadway | From | | | | | To | Volume ¹ | V/C ² | LOS ³ | Volume ¹ | V/C ² |
| SR 168 WB | Temperance Avenue | Caltrans | Freeway | N/A | 2 | 2,138 | 0.50 | C | 791 | 0.19 | A |
| SR 168 | Temperance Avenue | Caltrans | Expressway | N/A | 4 | 1,359 | 0.26 | A | 1,258 | 0.24 | A |
| SR 168 | Owens Mtn Pkwy | Caltrans | Expressway | N/A | 4 | 848 | 0.16 | A | 778 | 0.15 | A |
| SR 168 | East of Shepherd Avenue | Caltrans | State Highway | N/A | 2 | 639 | 0.26 | C | 653 | 0.26 | C |

Notes: ¹Two way traffic volumes are reported for all study roadway segments except Freeway segments.

²Volume-to-Capacity Ratio. Capacity defined as threshold between LOS E and LOS F traffic operations.

³Level of Service based on values shown in Table Y, developed using the *Highway Capacity Manual*. (Transportation Research Board, 2000).

Source: Fehr & Peers, 2012.

| EXISTING CONDITIONS - ROADWAY SEGMENT LEVEL OF SERVICE SUMMARY | | | | | | | | | | | | |
|--|-----------------------------|--------|------------|----------|-------|--|-----------------------------|--------|------------|----------|-------|--|
| | AM Peak Hour | | | | | | PM Peak Hour | | | | | |
| | Clovis | Fresno | Fresno Co. | Caltrans | Total | | Clovis | Fresno | Fresno Co. | Caltrans | Total | |
| LOS A | 0 | 0 | 0 | 7 | 7 | | 0 | 0 | 0 | 6 | 6 | |
| LOS B | 0 | 0 | 0 | 1 | 1 | | 0 | 0 | 0 | 5 | 5 | |
| LOS C | 109 | 20 | 28 | 9 | 166 | | 102 | 15 | 29 | 7 | 153 | |
| LOS D | 6 | 3 | 11 | 2 | 22 | | 13 | 8 | 9 | 1 | 31 | |
| LOS E | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | |
| LOS F | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 1 | 0 | 1 | |
| | AM Peak Hour Summary | | | | | | PM Peak Hour Summary | | | | | |
| LOS A-C | 109 | 20 | 28 | 17 | 174 | | 102 | 15 | 29 | 18 | 164 | |
| LOS D | 6 | 3 | 11 | 2 | 22 | | 13 | 8 | 9 | 1 | 31 | |
| LOS E | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | |
| LOS F | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 1 | 0 | 1 | |

YEAR 2035 PLUS PROPOSED GENERAL PLAN CONDITIONS - PEAK HOUR ROADWAY SEGMENT LEVEL OF SERVICE

| Roadway Segment | | # of Lanes | Classification | Median | AM Peak Hour | | | PM Peak Hour | | | |
|----------------------|--------------------------|-------------------|-----------------|-----------|------------------|--------------|---------------------|------------------|------------------|---------------------|------------------|
| Roadway | From | | | | To | Jurisdiction | Volume ¹ | V/C ² | LOS ³ | Volume ¹ | V/C ² |
| Copper Avenue | West of Willow Avenue | | Arterial | Raised | City of Fresno | 1,280 | 0.23 | C | 1,390 | 0.24 | C |
| Copper Avenue | Willow Avenue | Auberry Road | Rural Arterial | Undivided | County of Fresno | 1,250 | 0.95 | E | 1,220 | 0.93 | D |
| Copper Avenue | Auberry Road | Minnewawa Avenue | Rural Arterial | Undivided | County of Fresno | 1,330 | 1.02 | F | 1,400 | 1.07 | F |
| Copper Avenue | East of Minnewawa Avenue | | Rural Collector | Undivided | County of Fresno | 90 | 0.09 | C | 110 | 0.11 | C |
| International Avenue | Willow Avenue | Minnewawa Avenue | Rural Collector | Undivided | County of Fresno | 40 | 0.04 | C | 40 | 0.04 | C |
| Behymer Avenue | West of Willow Avenue | | Arterial | Raised | City of Fresno | 330 | 0.09 | C | 440 | 0.12 | C |
| Behymer Avenue | Willow Avenue | Minnewawa Avenue | Arterial | Raised | City of Clovis | 780 | 0.41 | C | 1,170 | 0.62 | D |
| Behymer Avenue | Minnewawa Avenue | Clovis Avenue | Arterial | Raised | City of Clovis | 900 | 0.48 | D | 1,340 | 0.71 | D |
| Behymer Avenue | Clovis Avenue | Fowler Avenue | Rural Collector | Undivided | County of Fresno | 450 | 0.45 | C | 690 | 0.69 | D |
| Perrin Avenue | West of Willow Avenue | | Collector | TWLTL | City of Fresno | 1,330 | 0.37 | C | 1,520 | 0.42 | C |
| Perrin Avenue | Willow Avenue | Peach Avenue | Collector | TWLTL | City of Clovis | 450 | 0.25 | C | 690 | 0.39 | C |
| Perrin Avenue | Peach Avenue | Minnewawa Avenue | Collector | TWLTL | City of Clovis | 470 | 0.26 | C | 650 | 0.36 | C |
| Perrin Avenue | Minnewawa Avenue | Clovis Avenue | Collector | TWLTL | City of Clovis | 1,090 | 0.61 | D | 1,200 | 0.67 | D |
| Shepherd Avenue | West of Willow Avenue | | Arterial | Raised | City of Fresno | 2,110 | 0.56 | D | 2,710 | 0.72 | D |
| Shepherd Avenue | Willow Avenue | Minnewawa Avenue | Arterial | Raised | City of Clovis | 2,390 | 0.63 | D | 2,530 | 0.67 | D |
| Shepherd Avenue | Minnewawa Avenue | Clovis Avenue | Arterial | Raised | City of Clovis | 2,240 | 0.59 | D | 2,400 | 0.63 | D |
| Shepherd Avenue | Clovis Avenue | Fowler Avenue | Expressway | Raised | City of Clovis | 3,280 | 0.77 | D | 3,540 | 0.83 | D |
| Shepherd Avenue | Fowler Avenue | Temperance Avenue | Expressway | Raised | City of Clovis | 2,250 | 0.53 | D | 2,750 | 0.65 | D |
| Shepherd Avenue | Temperance Avenue | DeWolf Avenue | Expressway | Raised | City of Clovis | 1,330 | 0.31 | C | 1,560 | 0.37 | C |
| Shepherd Avenue | DeWolf Avenue | SR 168 | Expressway | Raised | City of Clovis | 1,350 | 0.32 | C | 1,460 | 0.34 | C |
| Teague Avenue | Willow Avenue | Minnewawa Avenue | Collector | TWLTL | City of Clovis | 920 | 0.51 | D | 1,040 | 0.58 | D |
| Nees Avenue | West of Willow Avenue | | Arterial | Raised | City of Fresno | 2,490 | 0.66 | D | 3,110 | 0.82 | D |
| Nees Avenue | Willow Avenue | Minnewawa Avenue | Arterial | Raised | City of Clovis | 2,510 | 0.66 | D | 2,790 | 0.74 | D |
| Nees Avenue | Minnewawa Avenue | Clovis Avenue | Arterial | Raised | City of Clovis | 2,210 | 0.58 | D | 2,370 | 0.63 | D |
| Nees Avenue | Clovis Avenue | Fowler Avenue | Arterial | Raised | City of Clovis | 1,780 | 0.47 | C | 2,340 | 0.62 | D |
| Nees Avenue | Fowler Avenue | Temperance Avenue | Arterial | Raised | City of Clovis | 1,070 | 0.28 | C | 1,140 | 0.30 | C |
| Nees Avenue | Temperance Avenue | Locan Avenue | Collector | TWLTL | City of Clovis | 590 | 0.33 | C | 780 | 0.44 | C |
| Alluvial Avenue | West of Willow Avenue | | Collector | TWLTL | City of Fresno | 1,130 | 0.63 | D | 1,410 | 0.79 | D |
| Alluvial Avenue | Willow Avenue | Clovis Avenue | Collector | TWLTL | City of Clovis | 1,140 | 0.64 | D | 1,280 | 0.72 | D |
| Alluvial Avenue | Clovis Avenue | Fowler Avenue | Collector | TWLTL | City of Clovis | 1,240 | 0.69 | D | 1,540 | 0.86 | D |
| Alluvial Avenue | Fowler Avenue | Temperance Avenue | Collector | TWLTL | City of Clovis | 910 | 0.51 | D | 1,170 | 0.65 | D |
| Owens Mtn Pkwy | Temperance Avenue | Nees Avenue | Arterial | Raised | City of Clovis | 1,950 | 0.52 | D | 2,570 | 0.68 | D |

YEAR 2035 PLUS PROPOSED GENERAL PLAN CONDITIONS - PEAK HOUR ROADWAY SEGMENT LEVEL OF SERVICE

| Roadway Segment | | # of Lanes | Classification | Median | AM Peak Hour | | | PM Peak Hour | | | | |
|-----------------|-----------------------|-------------------|------------------|----------------|--------------|--------------|---------------------|------------------|------------------|---------------------|------------------|------------------|
| Roadway | From | | | | To | Jurisdiction | Volume ¹ | V/C ² | LOS ³ | Volume ¹ | V/C ² | LOS ³ |
| | | | | | | | | | | | | |
| Owens Mtn Pkwy | Nees Avenue | DeWolf Avenue | City of Clovis | Arterial | Raised | 4 | 420 | 0.11 | C | 600 | 0.16 | C |
| Owens Mtn Pkwy | DeWolf Avenue | SR 168 | City of Clovis | Arterial | Raised | 4 | 1,580 | 0.42 | C | 1,950 | 0.52 | D |
| Owens Mtn Pkwy | SR 168 | "Collector A" | City of Clovis | Arterial | Raised | 4 | 1,230 | 0.33 | C | 2,020 | 0.53 | D |
| Owens Mtn Pkwy | "Collector A" | McCall Avenue | City of Clovis | Arterial | Raised | 4 | 1,540 | 0.41 | C | 1,910 | 0.51 | C |
| Owens Mtn Pkwy | East of McCall Avenue | | City of Clovis | Arterial | Raised | 4 | 1,710 | 0.45 | C | 2,490 | 0.66 | D |
| Herrndon Avenue | West of Willow Avenue | | City of Fresno | Expressway | Raised | 6 | 3,770 | 0.59 | D | 4,720 | 0.74 | D |
| Herrndon Avenue | Willow Avenue | SR 168 | City of Clovis | Expressway | Raised | 6 | 4,390 | 0.69 | D | 5,110 | 0.80 | D |
| Herrndon Avenue | SR 168 | Clovis Avenue | City of Clovis | Arterial | Raised | 8 | 3,690 | 0.49 | C | 4,210 | 0.56 | D |
| Herrndon Avenue | Clovis Avenue | Sunnyside Avenue | City of Clovis | Arterial | Raised | 6 | 2,710 | 0.48 | C | 3,400 | 0.60 | D |
| Herrndon Avenue | Sunnyside Avenue | Fowler Avenue | City of Clovis | Arterial | Raised | 6 | 2,990 | 0.53 | C | 3,780 | 0.67 | D |
| Herrndon Avenue | Fowler Avenue | Temperance Avenue | City of Clovis | Arterial | Raised | 6 | 2,810 | 0.49 | C | 3,520 | 0.62 | D |
| Herrndon Avenue | Temperance Avenue | DeWolf Avenue | City of Clovis | Arterial | Raised | 4 | 2,870 | 0.76 | D | 3,120 | 0.83 | D |
| Herrndon Avenue | DeWolf Avenue | McCall Avenue | County of Fresno | Rural Arterial | Divided | 4 | 1,160 | 0.31 | C | 1,370 | 0.36 | C |
| Herrndon Avenue | McCall Avenue | Academy Avenue | County of Fresno | Rural Arterial | Undivided | 2 | 500 | 0.38 | C | 670 | 0.51 | D |
| Sierra Avenue | Willow Avenue | Villa Avenue | City of Clovis | Collector | TWTL | 2 | 500 | 0.28 | C | 660 | 0.37 | C |
| Sierra Avenue | Villa Avenue | Clovis Avenue | City of Clovis | Collector | TWTL | 2 | 760 | 0.42 | C | 990 | 0.55 | D |
| Sierra Avenue | Fowler Avenue | Temperance Avenue | City of Clovis | Collector | TWTL | 2 | 470 | 0.26 | C | 340 | 0.19 | C |
| Third Street | Clovis Avenue | Sunnyside Avenue | City of Clovis | Collector | TWTL | 2 | 850 | 0.47 | D | 870 | 0.49 | D |
| Tollhouse Road | Sunnyside Avenue | Armstrong Avenue | City of Clovis | Collector | TWTL | 2 | 870 | 0.49 | D | 1,000 | 0.56 | D |
| Bullard Avenue | West of Willow Avenue | | City of Fresno | Arterial | Raised | 4 | 2,440 | 0.65 | D | 3,060 | 0.81 | D |
| Bullard Avenue | Willow Avenue | SR 168 | City of Clovis | Arterial | TWTL | 4 | 2,730 | 0.76 | D | 3,120 | 0.87 | D |
| Bullard Avenue | SR 168 | Villa Avenue | City of Clovis | Arterial | Raised | 4 | 2,450 | 0.65 | D | 2,530 | 0.67 | D |
| Bullard Avenue | Villa Avenue | Fifth Street | City of Clovis | Arterial | Raised | 4 | 2,110 | 0.56 | D | 2,510 | 0.66 | D |
| Fifth Street | Bullard Avenue | Clovis Avenue | City of Clovis | Collector | TWTL | 2 | 900 | 0.50 | D | 1,050 | 0.59 | D |
| Fifth Street | Clovis Avenue | Sunnyside Avenue | City of Clovis | Collector | TWTL | 2 | 1,030 | 0.58 | D | 970 | 0.54 | D |
| Bullard Avenue | Sunnyside Avenue | Fowler Avenue | City of Clovis | Arterial | Raised | 4 | 1,520 | 0.40 | C | 1,370 | 0.36 | C |
| Bullard Avenue | Fowler Avenue | Temperance Avenue | City of Clovis | Arterial | Raised | 4 | 1,520 | 0.40 | C | 1,370 | 0.36 | C |
| Bullard Avenue | Temperance Avenue | DeWolf Avenue | City of Clovis | Arterial | Raised | 2 | 1,320 | 0.70 | D | 1,330 | 0.71 | D |
| Barstow Avenue | Willow Avenue | Clovis Avenue | City of Clovis | Collector | TWTL | 2 | 1,050 | 0.59 | D | 1,050 | 0.59 | D |
| Barstow Avenue | Clovis Avenue | Fowler Avenue | City of Clovis | Collector | TWTL | 2 | 1,130 | 0.63 | D | 1,080 | 0.60 | D |
| Barstow Avenue | Fowler Avenue | Temperance Avenue | City of Clovis | Collector | TWTL | 2 | 1,020 | 0.57 | D | 850 | 0.47 | D |
| Barstow Avenue | Temperance Avenue | Locan Avenue | City of Clovis | Collector | TWTL | 2 | 1,090 | 0.61 | D | 830 | 0.46 | D |

YEAR 2035 PLUS PROPOSED GENERAL PLAN CONDITIONS - PEAK HOUR ROADWAY SEGMENT LEVEL OF SERVICE

| Roadway Segment | | # of Lanes | Classification | Median | AM Peak Hour | | | PM Peak Hour | | | | |
|-------------------|-----------------------|-------------------|------------------|-----------------|--------------|--------------|---------------------|------------------|------------------|---------------------|------------------|------------------|
| Roadway | From | | | | To | Jurisdiction | Volume ¹ | V/C ² | LOS ³ | Volume ¹ | V/C ² | LOS ³ |
| | | | | | | | | | | | | |
| Shaw Avenue | West of SR 168 | Willow Avenue | City of Fresno | Arterial | Raised | 6 | 4,640 | 0.82 | D | 4,970 | 0.88 | D |
| Shaw Avenue | SR 168 | Peach Avenue | City of Clovis | Arterial | Raised | 6 | 2,970 | 0.52 | C | 3,270 | 0.58 | D |
| Shaw Avenue | Willow Avenue | Peach Avenue | City of Clovis | Arterial | Raised | 6 | 2,780 | 0.49 | C | 3,930 | 0.69 | D |
| Shaw Avenue | Peach Avenue | Villa Avenue | City of Clovis | Arterial | Raised | 6 | 2,260 | 0.40 | C | 3,230 | 0.57 | D |
| Shaw Avenue | Villa Avenue | Minnewawa Avenue | City of Clovis | Arterial | Raised | 6 | 2,610 | 0.46 | C | 3,270 | 0.58 | D |
| Shaw Avenue | Minnewawa Avenue | Clovis Avenue | City of Clovis | Arterial | Raised | 6 | 3,040 | 0.54 | C | 4,110 | 0.72 | D |
| Shaw Avenue | Clovis Avenue | Sunnyside Avenue | City of Clovis | Arterial | Raised | 6 | 2,530 | 0.45 | C | 3,330 | 0.59 | D |
| Shaw Avenue | Sunnyside Avenue | Fowler Avenue | City of Clovis | Arterial | Raised | 6 | 2,480 | 0.44 | C | 2,870 | 0.51 | C |
| Shaw Avenue | Fowler Avenue | Temperance Avenue | City of Clovis | Arterial | Raised | 6 | 2,290 | 0.40 | C | 3,200 | 0.56 | D |
| Shaw Avenue | Temperance Avenue | DeWolf Avenue | City of Clovis | Arterial | Raised | 6 | 3,490 | 0.61 | D | 3,710 | 0.65 | D |
| Shaw Avenue | DeWolf Avenue | McCall Avenue | City of Clovis | Arterial | Raised | 6 | 3,170 | 0.56 | D | 3,410 | 0.60 | D |
| Shaw Avenue | McCall Avenue | Academy Avenue | County of Fresno | Rural Arterial | Divided | 4 | 1,470 | 0.39 | C | 1,940 | 0.51 | C |
| Gettysburg Avenue | West of Willow Avenue | | City of Fresno | Collector | Undivided | 4 | 1,640 | 0.62 | D | 2,430 | 0.92 | D |
| Gettysburg Avenue | Willow Avenue | Minnewawa Avenue | City of Clovis | Collector | TWTL | 2 | 630 | 0.35 | C | 850 | 0.47 | D |
| Gettysburg Avenue | Clovis Avenue | Fowler Avenue | City of Clovis | Collector | TWTL | 2 | 1,320 | 0.74 | D | 1,450 | 0.81 | D |
| Gettysburg Avenue | Fowler Avenue | Temperance Avenue | City of Clovis | Collector | TWTL | 2 | 1,050 | 0.59 | D | 810 | 0.45 | D |
| Gettysburg Avenue | Temperance Avenue | DeWolf Avenue | City of Clovis | Collector | TWTL | 2 | 940 | 0.53 | D | 270 | 0.15 | C |
| Gettysburg Avenue | DeWolf Avenue | Leonard Avenue | City of Clovis | Collector | TWTL | 2 | 750 | 0.42 | C | 740 | 0.41 | C |
| Gettysburg Avenue | Leonard Avenue | Thompson Avenue | City of Clovis | Collector | TWTL | 2 | 30 | 0.02 | C | 40 | 0.02 | C |
| Ashlan Avenue | SR 168 | Willow Avenue | City of Fresno | Arterial | Raised | 4 | 2,280 | 0.60 | D | 2,770 | 0.73 | D |
| Ashlan Avenue | Willow Avenue | Peach Avenue | City of Clovis | Arterial | Raised | 4 | 2,250 | 0.60 | D | 2,840 | 0.75 | D |
| Ashlan Avenue | Peach Avenue | Minnewawa Avenue | City of Clovis | Arterial | Raised | 4 | 1,750 | 0.46 | C | 2,510 | 0.66 | D |
| Ashlan Avenue | Minnewawa Avenue | Clovis Avenue | County of Fresno | Arterial | Undivided | 2 | 1,410 | 1.08 | F | 1,770 | 1.35 | F |
| Ashlan Avenue | Clovis Avenue | Sunnyside Avenue | County of Fresno | Arterial | TWTL | 2 | 1,310 | 0.73 | D | 1,670 | 0.93 | D |
| Ashlan Avenue | Sunnyside Avenue | Fowler Avenue | City of Clovis | Arterial | Raised | 4 | 1,540 | 0.41 | C | 1,970 | 0.52 | D |
| Ashlan Avenue | Fowler Avenue | Temperance Avenue | City of Clovis | Arterial | Raised | 4 | 1,780 | 0.47 | C | 2,000 | 0.53 | D |
| Ashlan Avenue | Temperance Avenue | DeWolf Avenue | City of Clovis | Arterial | Raised | 4 | 2,210 | 0.58 | D | 1,850 | 0.49 | C |
| Ashlan Avenue | DeWolf Avenue | McCall Avenue | City of Clovis | Arterial | Raised | 2 | 890 | 0.47 | D | 930 | 0.49 | D |
| Ashlan Avenue | McCall Avenue | Academy Avenue | County of Fresno | Rural Collector | Undivided | 2 | 720 | 0.72 | D | 770 | 0.77 | D |
| Dakota Avenue | West of Peach Avenue | | City of Fresno | Collector | TWTL | 2 | 1,110 | 0.62 | D | 1,450 | 0.81 | D |
| Airways Boulevard | Dakota Avenue | Clovis Avenue | City of Fresno | Arterial | Raised | 4 | 2,040 | 0.54 | D | 2,290 | 0.61 | D |
| Shields Avenue | Clovis Avenue | Fowler Avenue | City of Fresno | Arterial | Raised | 4 | 1,810 | 0.48 | C | 1,840 | 0.49 | C |

YEAR 2035 PLUS PROPOSED GENERAL PLAN CONDITIONS - PEAK HOUR ROADWAY SEGMENT LEVEL OF SERVICE

| Roadway Segment | | # of Lanes | Classification | Median | Jurisdiction | AM Peak Hour | | | PM Peak Hour | | | |
|-------------------|------------------------|-------------------|------------------|-----------------|--------------|--------------|---------------------|------------------|------------------|---------------------|------------------|------------------|
| Roadway | From | | | | | To | Volume ¹ | V/C ² | LOS ³ | Volume ¹ | V/C ² | LOS ³ |
| | | | | | | | | | | | | |
| Shields Avenue | Fowler Avenue | Temperance Avenue | City of Fresno | Arterial | Raised | 4 | 1,970 | 0.52 | D | 1,900 | 0.50 | C |
| Shields Avenue | Temperance Avenue | Leonard Avenue | City of Fresno | Arterial | Raised | 4 | 2,020 | 0.53 | D | 1,610 | 0.43 | C |
| Willow Avenue | Friant Road | Copper Avenue | County of Fresno | Rural Arterial | Divided | 4 | 1,830 | 0.48 | C | 1,960 | 0.52 | D |
| Willow Avenue | Copper Avenue | Behymer Avenue | City of Fresno | Arterial | Raised | 6 | 3,740 | 0.66 | D | 3,770 | 0.66 | D |
| Willow Avenue | Behymer Avenue | Shepherd Avenue | City of Clovis | Arterial | Raised | 6 | 4,350 | 0.77 | D | 4,480 | 0.79 | D |
| Willow Avenue | Shepherd Avenue | Nees Avenue | City of Clovis | Arterial | Raised | 6 | 2,790 | 0.49 | C | 3,150 | 0.55 | D |
| Willow Avenue | Nees Avenue | Alluvial Avenue | City of Clovis | Arterial | Raised | 6 | 3,200 | 0.56 | D | 4,070 | 0.72 | D |
| Willow Avenue | Alluvial Avenue | Herndon Avenue | City of Clovis | Arterial | Raised | 6 | 3,490 | 0.61 | D | 4,400 | 0.77 | D |
| Willow Avenue | Herndon Avenue | Bullard Avenue | City of Clovis | Arterial | Raised | 4 | 2,760 | 0.73 | D | 3,440 | 0.91 | D |
| Willow Avenue | Bullard Avenue | Barstow Avenue | City of Clovis | Arterial | Raised | 6 | 3,540 | 0.62 | D | 3,890 | 0.68 | D |
| Willow Avenue | Barstow Avenue | Shaw Avenue | City of Clovis | Arterial | Raised | 6 | 3,430 | 0.60 | D | 3,970 | 0.70 | D |
| Willow Avenue | Shaw Avenue | Ashlan Avenue | City of Clovis | Arterial | Raised | 4 | 2,020 | 0.53 | D | 2,560 | 0.68 | D |
| Chestnut Diagonal | South of Ashlan Avenue | | City of Fresno | Arterial | Raised | 4 | 1,780 | 0.47 | C | 2,300 | 0.61 | D |
| Peach Avenue | Behymer Avenue | Shepherd Avenue | City of Clovis | Collector | TWTL | 2 | 50 | 0.03 | C | 50 | 0.03 | C |
| Peach Avenue | Shepherd Avenue | Teague Avenue | City of Clovis | Collector | TWTL | 2 | 440 | 0.25 | C | 330 | 0.18 | C |
| Peach Avenue | Teague Avenue | Nees Avenue | City of Clovis | Collector | TWTL | 2 | 1,100 | 0.61 | D | 820 | 0.46 | D |
| Peach Avenue | Nees Avenue | Herndon Avenue | City of Clovis | Collector | TWTL | 2 | 920 | 0.51 | D | 950 | 0.53 | D |
| Peach Avenue | Shaw Avenue | Ashlan Avenue | City of Clovis | Collector | Undivided | 4 | 890 | 0.34 | C | 1,650 | 0.63 | D |
| Peach Avenue | Ashlan Avenue | Dakota Avenue | City of Clovis | Collector | TWTL | 4 | 1,980 | 0.55 | D | 2,390 | 0.67 | D |
| Auberry Road | North of Copper Avenue | | County of Fresno | Rural Arterial | Divided | 4 | 540 | 0.14 | C | 630 | 0.17 | C |
| Villa Avenue | Herndon Avenue | Bullard Avenue | City of Clovis | Collector | Undivided | 4 | 1,140 | 0.43 | C | 1,550 | 0.59 | D |
| Villa Avenue | Bullard Avenue | Shaw Avenue | City of Clovis | Collector | Undivided | 4 | 1,160 | 0.44 | C | 1,550 | 0.59 | D |
| Villa Avenue | Shaw Avenue | Gettysburg Avenue | City of Clovis | Collector | TWTL | 2 | 240 | 0.13 | C | 500 | 0.28 | C |
| Minnewawa Avenue | Copper Avenue | Behymer Avenue | County of Fresno | Rural Collector | Undivided | 2 | 1,480 | 1.48 | F | 1,490 | 1.49 | F |
| Minnewawa Avenue | Behymer Avenue | Shepherd Avenue | City of Clovis | Arterial | Raised | 2 | 630 | 0.34 | C | 570 | 0.30 | C |
| Minnewawa Avenue | Shepherd Avenue | Teague Avenue | City of Clovis | Arterial | Raised | 4 | 1,330 | 0.35 | C | 1,010 | 0.27 | C |
| Minnewawa Avenue | Teague Avenue | Nees Avenue | City of Clovis | Arterial | Raised | 4 | 2,180 | 0.58 | D | 1,980 | 0.52 | D |
| Minnewawa Avenue | Nees Avenue | Herndon Avenue | City of Clovis | Arterial | Raised | 4 | 1,740 | 0.46 | C | 1,720 | 0.46 | C |
| Minnewawa Avenue | Bullard Avenue | Shaw Avenue | City of Clovis | Collector | TWTL | 2 | 470 | 0.26 | C | 830 | 0.46 | D |
| Minnewawa Avenue | Shaw Avenue | Ashlan Avenue | City of Clovis | Collector | Undivided | 2 | 760 | 0.58 | D | 1,370 | 1.05 | F |
| Clovis Avenue | Behymer Avenue | Perrin Avenue | City of Clovis | Arterial | Raised | 4 | 610 | 0.16 | C | 750 | 0.20 | C |
| Clovis Avenue | Perrin Avenue | "Pryor Drive" | City of Clovis | Arterial | Raised | 4 | 1,680 | 0.44 | C | 1,940 | 0.51 | C |

YEAR 2035 PLUS PROPOSED GENERAL PLAN CONDITIONS - PEAK HOUR ROADWAY SEGMENT LEVEL OF SERVICE

| Roadway Segment | | Jurisdiction | Classification | Median | # of Lanes | AM Peak Hour | | | PM Peak Hour | | |
|------------------|--------------------------|-------------------|-----------------|-----------|------------|--------------|---------------------|------------------|------------------|---------------------|------------------|
| Roadway | From | | | | | To | Volume ¹ | V/C ² | LOS ³ | Volume ¹ | V/C ² |
| Clovis Avenue | "Pryor Drive" | Shepherd Avenue | Arterial | Raised | 4 | 1,770 | 0.47 | C | 2,030 | 0.54 | D |
| Clovis Avenue | Shepherd Avenue | Teague Avenue | Arterial | Raised | 4 | 1,230 | 0.33 | C | 1,530 | 0.40 | C |
| Clovis Avenue | Teague Avenue | Nees Avenue | Arterial | Raised | 4 | 1,200 | 0.32 | C | 1,570 | 0.42 | C |
| Clovis Avenue | Nees Avenue | Alluvial Avenue | Arterial | Raised | 4 | 1,610 | 0.43 | C | 1,750 | 0.46 | C |
| Clovis Avenue | Alluvial Avenue | Herndon Avenue | Arterial | Raised | 4 | 1,460 | 0.39 | C | 2,000 | 0.53 | D |
| Clovis Avenue | Herndon Avenue | Third Street | Arterial | Raised | 4 | 1,620 | 0.43 | C | 2,310 | 0.61 | D |
| Clovis Avenue | Third Street | Fifth Street | Arterial | Undivided | 4 | 1,560 | 0.59 | D | 2,010 | 0.76 | D |
| Clovis Avenue | Fifth Street | Barstow Avenue | Arterial | Undivided | 4 | 1,920 | 0.73 | D | 2,470 | 0.94 | D |
| Clovis Avenue | Barstow Avenue | Shaw Avenue | Arterial | TWTL | 4 | 1,900 | 0.53 | D | 2,620 | 0.73 | D |
| Clovis Avenue | Shaw Avenue | Ashlan Avenue | Arterial | Raised | 6 | 2,210 | 0.39 | C | 2,780 | 0.49 | C |
| Clovis Avenue | Ashlan Avenue | Shields Avenue | Arterial | Raised | 6 | 2,970 | 0.52 | C | 3,640 | 0.64 | D |
| Clovis Avenue | South of Shields Avenue | | Arterial | Raised | 6 | 3,890 | 0.68 | D | 4,540 | 0.80 | D |
| Sunnyside Avenue | North of Shepherd Avenue | | Rural Collector | Undivided | 2 | 40 | 0.04 | C | 50 | 0.05 | C |
| Sunnyside Avenue | Shepherd Avenue | Nees Avenue | Rural Collector | Undivided | 2 | 310 | 0.31 | C | 510 | 0.51 | C |
| Sunnyside Avenue | Nees Avenue | Herndon Avenue | Collector | TWTL | 2 | 1,120 | 0.63 | D | 1,200 | 0.67 | D |
| Sunnyside Avenue | Herndon Avenue | Fifth Street | Collector | TWTL | 2 | 900 | 0.50 | D | 1,100 | 0.61 | D |
| Sunnyside Avenue | Fifth Street | Shaw Avenue | Collector | Undivided | 4 | 1,220 | 0.46 | C | 1,590 | 0.60 | D |
| Fowler Avenue | Behymer Avenue | Shepherd Avenue | Rural Collector | Undivided | 2 | 530 | 0.53 | C | 940 | 0.94 | E |
| Fowler Avenue | Shepherd Avenue | Nees Avenue | Rural Arterial | Undivided | 2 | 850 | 0.65 | D | 1,040 | 0.79 | D |
| Fowler Avenue | Nees Avenue | SR 168 | Arterial | Raised | 4 | 1,760 | 0.47 | C | 2,150 | 0.57 | D |
| Fowler Avenue | SR 168 | Herndon Avenue | Arterial | Raised | 4 | 2,650 | 0.70 | D | 3,140 | 0.83 | D |
| Fowler Avenue | Herndon Avenue | Tollhouse Road | Arterial | Raised | 4 | 2,510 | 0.66 | D | 2,890 | 0.76 | D |
| Fowler Avenue | Tollhouse Road | Bullard Avenue | Arterial | Raised | 4 | 2,260 | 0.60 | D | 2,630 | 0.70 | D |
| Fowler Avenue | Bullard Avenue | Shaw Avenue | Arterial | Raised | 4 | 2,240 | 0.59 | D | 2,400 | 0.63 | D |
| Fowler Avenue | Shaw Avenue | Gettysburg Avenue | Arterial | Raised | 4 | 1,890 | 0.50 | C | 2,360 | 0.62 | D |
| Fowler Avenue | Gettysburg Avenue | Ashlan Avenue | Arterial | Raised | 4 | 2,160 | 0.57 | D | 2,600 | 0.69 | D |
| Fowler Avenue | Ashlan Avenue | Shields Avenue | Arterial | Raised | 4 | 1,740 | 0.46 | C | 2,120 | 0.56 | D |
| Fowler Avenue | South of Shields Avenue | | Arterial | Raised | 4 | 2,270 | 0.60 | D | 2,720 | 0.72 | D |
| Armstrong Avenue | Nees Avenue | Herndon Avenue | Collector | TWTL | 4 | 1,620 | 0.45 | C | 2,290 | 0.64 | D |
| Armstrong Avenue | Herndon Avenue | Bullard Avenue | Collector | TWTL | 4 | 1,520 | 0.42 | C | 1,860 | 0.52 | D |
| Armstrong Avenue | Bullard Avenue | Shaw Avenue | Collector | TWTL | 2 | 1,130 | 0.63 | D | 1,480 | 0.83 | D |
| Armstrong Avenue | Shaw Avenue | Gettysburg Avenue | Collector | TWTL | 2 | 980 | 0.55 | D | 1,250 | 0.70 | D |

YEAR 2035 PLUS PROPOSED GENERAL PLAN CONDITIONS - PEAK HOUR ROADWAY SEGMENT LEVEL OF SERVICE

| Roadway Segment | | # of Lanes | Classification | Median | Jurisdiction | AM Peak Hour | | | PM Peak Hour | | | |
|-------------------|------------------------|----------------|-----------------|-----------|------------------|---------------|---------------------|------------------|------------------|---------------------|------------------|------------------|
| Roadway | From | | | | | To | Volume ¹ | V/C ² | LOS ³ | Volume ¹ | V/C ² | LOS ³ |
| Armstrong Avenue | Gettysburg Avenue | | | | | Ashlan Avenue | Collector | TWTL | City of Clovis | 830 | 0.46 | D |
| Armstrong Avenue | Ashlan Avenue | Dakota Avenue | Collector | TWTL | City of Clovis | 2,000 | 0.56 | D | 2,080 | 0.58 | D | |
| Armstrong Avenue | South of Dakota Avenue | | Collector | TWTL | City of Fresno | 1,530 | 0.43 | C | 1,760 | 0.49 | C | |
| Temperance Avenue | Shepherd Avenue | Nees Avenue | Arterial | Raised | City of Clovis | 1,400 | 0.37 | C | 1,690 | 0.45 | C | |
| Temperance Avenue | Nees Avenue | SR 168 | Arterial | Raised | City of Clovis | 2,370 | 0.63 | D | 2,600 | 0.69 | D | |
| Temperance Avenue | SR 168 | Herndon Avenue | Expressway | Raised | City of Clovis | 4,590 | 0.72 | D | 4,940 | 0.77 | D | |
| Temperance Avenue | Herndon Avenue | Sierra Avenue | Expressway | Raised | City of Clovis | 3,910 | 0.61 | D | 4,140 | 0.65 | D | |
| Temperance Avenue | Sierra Avenue | Bullard Avenue | Expressway | Raised | City of Clovis | 3,840 | 0.60 | D | 4,240 | 0.66 | D | |
| Temperance Avenue | Bullard Avenue | Barstow Avenue | Expressway | Raised | City of Clovis | 3,790 | 0.59 | D | 4,110 | 0.64 | D | |
| Temperance Avenue | Barstow Avenue | Shaw Avenue | Expressway | Raised | City of Clovis | 3,770 | 0.59 | D | 3,980 | 0.62 | D | |
| Temperance Avenue | Shaw Avenue | Ashlan Avenue | Expressway | Raised | City of Clovis | 3,980 | 0.62 | D | 4,410 | 0.69 | D | |
| Temperance Avenue | Ashlan Avenue | Shields Avenue | Expressway | Raised | City of Fresno | 3,590 | 0.56 | D | 3,880 | 0.61 | D | |
| Locan Avenue | Shepherd Avenue | Nees Avenue | Collector | Undivided | City of Clovis | 160 | 0.12 | C | 210 | 0.16 | C | |
| Locan Avenue | Herndon Avenue | Bullard Avenue | Rural Collector | Undivided | County of Fresno | 500 | 0.50 | C | 660 | 0.66 | D | |
| Locan Avenue | Bullard Avenue | Shaw Avenue | Collector | TWTL | City of Clovis | 590 | 0.33 | C | 570 | 0.32 | C | |
| Locan Avenue | Shaw Avenue | Ashlan Avenue | Collector | TWTL | City of Clovis | 160 | 0.09 | C | 220 | 0.12 | C | |
| Locan Avenue | Ashlan Avenue | Shields Avenue | Collector | TWTL | Fresno/Clovis | 720 | 0.40 | C | 690 | 0.39 | C | |
| DeWolf Avenue | Shepherd Avenue | Owens Mtn Pkwy | Arterial | Raised | City of Clovis | 810 | 0.43 | C | 880 | 0.47 | D | |
| DeWolf Avenue | Tollhouse Road | Herndon Avenue | Rural Collector | Undivided | County of Fresno | 90 | 0.09 | C | 140 | 0.14 | C | |
| DeWolf Avenue | Herndon Avenue | Bullard Avenue | Rural Collector | Undivided | County of Fresno | 810 | 0.81 | D | 850 | 0.85 | D | |
| DeWolf Avenue | Bullard Avenue | Shaw Avenue | Collector | TWTL | City of Clovis | 980 | 0.55 | D | 1,060 | 0.59 | D | |
| DeWolf Avenue | Shaw Avenue | Ashlan Avenue | Collector | TWTL | City of Clovis | 790 | 0.44 | C | 830 | 0.46 | D | |
| DeWolf Avenue | Ashlan Avenue | Shields Avenue | Collector | TWTL | City of Fresno | 880 | 0.49 | D | 700 | 0.39 | C | |
| Leonard Avenue | Bullard Avenue | Shaw Avenue | Arterial | Raised | City of Clovis | 600 | 0.32 | C | 770 | 0.41 | C | |
| Leonard Avenue | Shaw Avenue | Ashlan Avenue | Arterial | Raised | City of Clovis | 1,470 | 0.78 | D | 1,220 | 0.65 | D | |
| Thompson Avenue | Nees Avenue | Herndon Avenue | Rural Collector | Undivided | County of Fresno | 240 | 0.24 | C | 330 | 0.33 | C | |
| Thompson Avenue | Gettysburg Avenue | Ashlan Avenue | Collector | TWTL | City of Clovis | 10 | 0.01 | C | 10 | 0.01 | C | |
| McCall Avenue | SR 168 | Owens Mtn Pkwy | Arterial | Raised | City of Clovis | 2,180 | 0.58 | D | 2,630 | 0.70 | D | |
| McCall Avenue | Owens Mtn Pkwy | "Collector A" | Arterial | Raised | City of Clovis | 1,170 | 0.31 | C | 1,240 | 0.33 | C | |
| McCall Avenue | "Collector A" | "Collector B" | Arterial | Raised | City of Clovis | 1,440 | 0.38 | C | 1,770 | 0.47 | C | |
| McCall Avenue | "Collector B" | "Arterial 2" | Arterial | Raised | City of Clovis | 1,340 | 0.35 | C | 1,580 | 0.42 | C | |
| McCall Avenue | "Arterial 2" | Herndon Avenue | Arterial | Raised | City of Clovis | 1,060 | 0.28 | C | 1,360 | 0.36 | C | |

YEAR 2035 PLUS PROPOSED GENERAL PLAN CONDITIONS - PEAK HOUR ROADWAY SEGMENT LEVEL OF SERVICE

| Roadway Segment | | Jurisdiction | Classification | Median | # of Lanes | AM Peak Hour | | | PM Peak Hour | | | |
|-----------------|-------------------------|-------------------|------------------|----------------|------------|--------------|---------------------|------------------|------------------|---------------------|------------------|------------------|
| Roadway | From | | | | | To | Volume ¹ | V/C ² | LOS ³ | Volume ¹ | V/C ² | LOS ³ |
| McCall Avenue | Herndon Avenue | Shaw Avenue | County of Fresno | Rural Arterial | Undivided | 2 | 1,420 | 1.08 | F | 1,660 | 1.27 | F |
| McCall Avenue | Shaw Avenue | Ashlan Avenue | County of Fresno | Rural Arterial | Undivided | 2 | 990 | 0.76 | D | 1,130 | 0.86 | D |
| McCall Avenue | South of Ashlan Avenue | | County of Fresno | Rural Arterial | Undivided | 2 | 1,030 | 0.79 | D | 1,200 | 0.92 | D |
| "NS Arterial 2" | East of McCall Avenue | | City of Clovis | Arterial | Raised | 4 | 210 | 0.06 | C | 250 | 0.07 | C |
| Academy Avenue | Shepherd Avenue | Herndon Avenue | County of Fresno | Rural Arterial | Undivided | 2 | 250 | 0.19 | C | 310 | 0.24 | C |
| Academy Avenue | Herndon Avenue | Shaw Avenue | County of Fresno | Rural Arterial | Undivided | 2 | 470 | 0.36 | C | 650 | 0.50 | D |
| Academy Avenue | South of Shaw Avenue | | County of Fresno | Rural Arterial | Divided | 4 | 1,350 | 0.36 | C | 1,900 | 0.50 | C |
| SR 168 EB | SR 180 | McKinley Avenue | Caltrans | Freeway | N/A | 3 + AUX | 6,350 | 0.84 | D | 5,420 | 0.72 | C |
| SR 168 WB | McKinley Avenue | SR 180 | Caltrans | Freeway | N/A | 3 + AUX | 5,340 | 0.71 | C | 6,080 | 0.81 | D |
| SR 168 EB | McKinley Avenue | Shields Avenue | Caltrans | Freeway | N/A | 3 + AUX | 7,270 | 0.97 | E | 6,960 | 0.92 | E |
| SR 168 WB | Shields Avenue | McKinley Avenue | Caltrans | Freeway | N/A | 3 + AUX | 6,570 | 0.87 | D | 6,610 | 0.88 | D |
| SR 168 EB | Shields Avenue | Ashlan Avenue | Caltrans | Freeway | N/A | 3 | 6,200 | 0.96 | E | 6,100 | 0.95 | E |
| SR 168 WB | Ashlan Avenue | Shields Avenue | Caltrans | Freeway | N/A | 3 | 5,860 | 0.91 | E | 5,470 | 0.85 | D |
| SR 168 EB | Ashlan Avenue | Shaw Avenue | Caltrans | Freeway | N/A | 3 | 4,580 | 0.71 | C | 4,490 | 0.70 | C |
| SR 168 WB | Shaw Avenue | Ashlan Avenue | Caltrans | Freeway | N/A | 3 | 5,600 | 0.87 | D | 4,840 | 0.75 | D |
| SR 168 EB | Shaw Avenue | Bullard Avenue | Caltrans | Freeway | N/A | 3 | 4,400 | 0.68 | C | 5,700 | 0.89 | D |
| SR 168 WB | Bullard Avenue | Shaw Avenue | Caltrans | Freeway | N/A | 3 | 5,570 | 0.87 | D | 4,770 | 0.74 | D |
| SR 168 EB | Bullard Avenue | Herndon Avenue | Caltrans | Freeway | N/A | 3 + AUX | 3,850 | 0.51 | B | 5,480 | 0.73 | C |
| SR 168 WB | Herndon Avenue | Bullard Avenue | Caltrans | Freeway | N/A | 3 | 5,450 | 0.85 | D | 4,230 | 0.66 | C |
| SR 168 EB | Herndon Avenue | Fowler Avenue | Caltrans | Freeway | N/A | 2 | 3,500 | 0.82 | D | 4,090 | 0.96 | E |
| SR 168 WB | Fowler Avenue | Herndon Avenue | Caltrans | Freeway | N/A | 2 | 4,940 | 1.16 | F | 4,140 | 0.97 | E |
| SR 168 EB | Fowler Avenue | Temperance Avenue | Caltrans | Freeway | N/A | 2 | 2,750 | 0.65 | C | 3,580 | 0.84 | D |
| SR 168 WB | Temperance Avenue | Fowler Avenue | Caltrans | Freeway | N/A | 2 | 3,890 | 0.91 | E | 3,480 | 0.82 | D |
| SR 168 | Temperance Avenue | Owens Mtn Pkwy | Caltrans | Expressway | Divided | 4 | 4,640 | 0.87 | D | 5,450 | 1.03 | F |
| SR 168 | Owens Mtn Pkwy | Shepherd Avenue | Caltrans | Expressway | Divided | 4 | 2,460 | 0.46 | B | 2,640 | 0.50 | C |
| SR 168 | East of Shepherd Avenue | | Caltrans | State Highway | Undivided | 2 | 950 | 0.38 | C | 1,000 | 0.40 | C |

Notes: ¹Two way traffic volumes are reported for all study roadway segments except Freeway segments.

²Volume-to-Capacity Ratio. Capacity defined as threshold between LOS E and LOS F traffic operations.

³Level of Service based on values shown in Table Y, developed using the *Highway Capacity Manual* (Transportation Research Board, 2000).

Source: Fehr & Peers, 2012.

| 2035 PLUS PROPOSED GENERAL PLAN CONDITIONS - ROADWAY SEGMENT LEVEL OF SERVICE SUMMARY | | | | | | | | | | | | |
|---|-----------------------------|--------|------------|----------|-------|--|-----------------------------|--------|------------|----------|-------|--|
| | AM Peak Hour | | | | | | PM Peak Hour | | | | | |
| | Clovis | Fresno | Fresno Co. | Caltrans | Total | | Clovis | Fresno | Fresno Co. | Caltrans | Total | |
| LOS A | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | |
| LOS B | 0 | 0 | 0 | 2 | 2 | | 0 | 0 | 0 | 0 | 0 | |
| LOS C | 74 | 8 | 17 | 5 | 104 | | 40 | 8 | 11 | 6 | 65 | |
| LOS D | 71 | 17 | 6 | 7 | 101 | | 104 | 17 | 12 | 8 | 141 | |
| LOS E | 0 | 0 | 1 | 4 | 5 | | 0 | 0 | 1 | 4 | 5 | |
| LOS F | 0 | 0 | 4 | 1 | 5 | | 1 | 0 | 4 | 1 | 6 | |
| | AM Peak Hour Summary | | | | | | PM Peak Hour Summary | | | | | |
| LOS A-C | 74 | 8 | 17 | 7 | 106 | | 40 | 8 | 11 | 6 | 65 | |
| LOS D | 71 | 17 | 6 | 7 | 101 | | 104 | 17 | 12 | 8 | 141 | |
| LOS E | 0 | 0 | 1 | 4 | 5 | | 0 | 0 | 1 | 4 | 5 | |
| LOS F | 0 | 0 | 4 | 1 | 5 | | 1 | 0 | 4 | 1 | 6 | |

| YEAR 2035 PLUS PROPOSED GENERAL PLAN CONDITIONS - PEAK HOUR ROADWAY SEGMENT LEVEL OF SERVICE AFTER MITIGATION | | | | | | | | | | | | |
|---|-------------------|-------------------|------------------|-----------------|------------|--------------|---------------------|------------------|------------------|---------------------|------------------|------------------|
| Roadway Segment | | Jurisdiction | Classification | Median | # of Lanes | AM Peak Hour | | | PM Peak Hour | | | |
| Roadway | From | | | | | To | Volume ¹ | V/C ² | LOS ³ | Volume ¹ | V/C ² | LOS ³ |
| Copper Avenue | Willow Avenue | Auberry Road | County of Fresno | Arterial | Raised | 4 | 1,740 | 0.46 | C | 1,900 | 0.50 | C |
| Copper Avenue | Auberry Road | Clovis Avenue | County of Fresno | Arterial | Raised | 4 | 1,770 | 0.47 | C | 2,040 | 0.54 | D |
| Behymer Avenue | Clovis Avenue | Fowler Avenue | County of Fresno | Rural Arterial | Divided | 4 | 770 | 0.20 | C | 950 | 0.25 | C |
| Herndon Avenue | McCall Avenue | Academy Avenue | County of Fresno | Rural Arterial | Divided | 4 | 760 | 0.20 | C | 900 | 0.24 | C |
| Ashlan Avenue | Minnewawa Avenue | Clovis Avenue | County of Fresno | Arterial | Undivided | 4 | 1,430 | 0.54 | D | 1,800 | 0.68 | D |
| Ashlan Avenue | McCall Avenue | Academy Avenue | County of Fresno | Collector | TWLT | 2 | 720 | 0.40 | C | 760 | 0.42 | C |
| Minnewawa Avenue | Copper Avenue | Behymer Avenue | County of Fresno | Rural Collector | Undivided | 2 | 560 | 0.56 | C | 750 | 0.75 | D |
| Clovis Avenue | Copper Avenue | Behymer Avenue | County of Fresno | Arterial | Raised | 4 | 1,380 | 0.37 | C | 1,400 | 0.37 | C |
| Fowler Avenue | Behymer Avenue | Shepherd Avenue | County of Fresno | Rural Arterial | Divided | 4 | 910 | 0.24 | C | 1,210 | 0.32 | C |
| DeWolf Avenue | Herndon Avenue | Bullard Avenue | County of Fresno | Collector | Undivided | 4 | 640 | 0.24 | C | 670 | 0.25 | C |
| McCall Avenue | Herndon Avenue | Shaw Avenue | County of Fresno | Rural Arterial | Divided | 4 | 910 | 0.24 | C | 1,100 | 0.29 | C |
| Academy Avenue | Herndon Avenue | Shaw Avenue | County of Fresno | Rural Arterial | Divided | 4 | 790 | 0.21 | C | 940 | 0.25 | C |
| SR 168 EB | McKinley Avenue | Shields Avenue | Caltrans | Freeway | N/A | 4 | 7,430 | 0.86 | D | 7,270 | 0.84 | D |
| SR 168 EB | Shields Avenue | Ashlan Avenue | Caltrans | Freeway | N/A | 4 | 6,830 | 0.79 | D | 7,110 | 0.82 | D |
| SR 168 WB | Ashlan Avenue | Shields Avenue | Caltrans | Freeway | N/A | 3 + AUX | 6,730 | 0.89 | D | 6,280 | 0.83 | D |
| SR 168 EB | Herndon Avenue | Fowler Avenue | Caltrans | Freeway | N/A | 2 + AUX | 3,430 | 0.64 | C | 4,330 | 0.81 | D |
| SR 168 WB | Fowler Avenue | Herndon Avenue | Caltrans | Freeway | N/A | 3 | 5,140 | 0.80 | D | 4,390 | 0.68 | C |
| SR 168 WB | Temperance Avenue | Fowler Avenue | Caltrans | Freeway | N/A | 2 + AUX | 3,980 | 0.75 | D | 3,530 | 0.66 | C |
| SR 168 EB | Temperance Avenue | Owens Mtn Pkwy | Caltrans | Freeway | N/A | 2 | 1,630 | 0.38 | B | 2,560 | 0.60 | C |
| SR 168 WB | Owens Mtn Pkwy | Temperance Avenue | Caltrans | Freeway | N/A | 2 | 2,470 | 0.58 | C | 2,480 | 0.58 | C |

Notes: ¹Two way traffic volumes are reported for all study roadway segments except Freeway segments.

²Volume-to-Capacity Ratio. Capacity defined as threshold between LOS E and LOS F traffic operations.

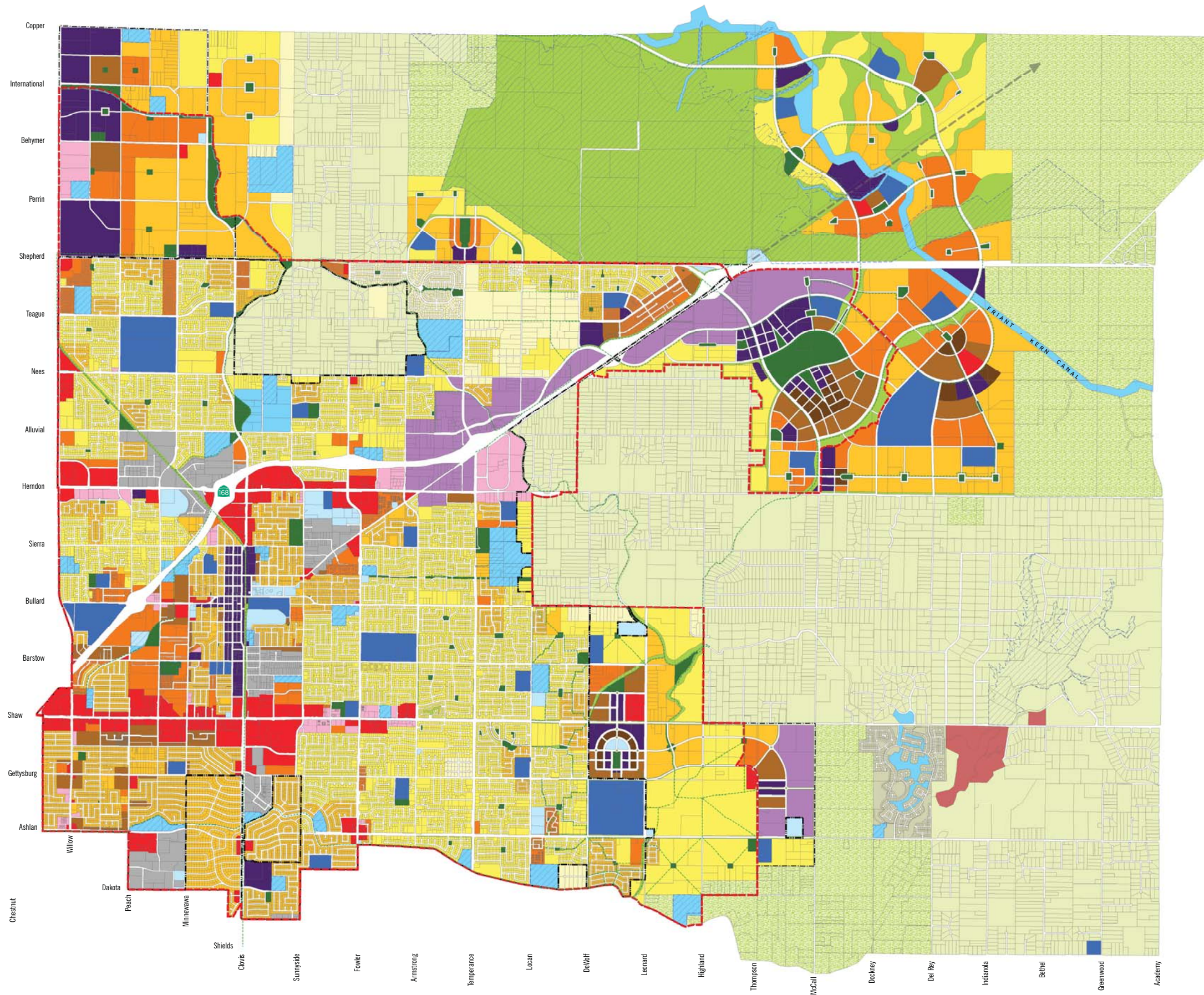
³Level of Service based on values shown in Table Y, developed using the *Highway Capacity Manual* (Transportation Research Board, 2000).

Source: Fehr & Peers, 2012.

APPENDIX B: 2035 GROWTH AREA MAP



DRAFT LAND USE DIAGRAM



- Proposed Buildout 2035 (see note)
 - City Boundary
 - Sphere of Influence Boundary
 - Off-Street Trails and Paseos
- City of Clovis General Plan Land Use**
- AG - Agriculture (1 DU/20 AC)
 - RR - Rural Residential (1 DU/2 AC)
 - VL - Very Low Density Residential (0.6-2.0 DU/Ac)
 - L - Low Density Residential (2.1-4.0 DU/Ac)
 - M - Medium Density Residential (4.1-7.1 DU/Ac)
 - MH - Medium High Density Resid.(7.1-15.0 DU/Ac)
 - H - High Density Residential (15.1-25.0 DU/Ac)
 - VH - Very High Density Residential (25.1-43.0 DU/Ac)
 - MU-V - Mixed Use Village
 - MU-BC - Mixed Use/Business Center
 - O - Office
 - I - Industrial
 - C - Commercial
 - OS - Open Space
 - P - Public/Quasi-Public Facilities
 - PK - Park
 - S - School
 - W - Water
- Fresno County General Plan Land Use**
- PRC-FC - Planned Residential Community
 - C-SP - Commercial Specialized
 - FMC Distrct - Basin Facilities

Note: This boundary reflects the estimated geographic area that is estimated to build out at urbanized levels by 2035. The balance of the entire General Plan planning area is assumed to grow but at lower intensity, non-urbanized levels by 2035. Full buildout of the entire planning area is analyzed in a separate analysis.

