

TECHNICAL APPENDICES
LOS COYOTES CASINO PROJECT
Barstow, California
May 19, 2010

LLG Ref. 3-09-1876

- A. County of San Bernardino CMP Guidelines Excerpt
- B. City of Barstow's *Level of Service Descriptions and Daily Roadway Capacities Table*
- C. 2008 24-hour Count at I-15 (Barstow)/ Lenwood Road at Postmile 68.770 & 2007 Caltrans Traffic Volumes
- D. Intersection Manual Count Sheets
- E. Existing Weekday & Saturday Intersection Analysis Worksheets
- F. Trip Generation Rates from Institute of Transportation Engineers, Trip Generation, 8th Edition, 2008 and the Shingle Springs Rancheria Interchange Transportation/Circulation Report dated April 2002
- G. Cumulative Projects Data and Group Location Map
- H. Opening Year 2011 Weekday & Saturday Intersection Analysis Worksheets
- I. Opening Year 2011 with Project Alternative A Weekday & Saturday Intersection Analysis Worksheets
- J. Opening Year 2011 with Project Alternative B Weekday & Saturday Intersection Analysis Worksheets
- K. Horizon Year 2035 Weekday & Saturday Intersection Analysis Worksheets
- L. Horizon Year 2035 with Project Alternative A Weekday & Saturday Intersection Analysis Worksheets
- M. Horizon Year 2035 with Project Alternative B Weekday & Saturday Intersection Analysis Worksheets
- N. Post-Mitigation Intersection Analysis Worksheets & Preliminary Construction Cost Estimates for CMP

APPENDIX A
COUNTY OF SAN BERNARDINO CMP GUIDELINES
EXCERPT

APPENDIX C

GUIDELINES FOR CMP TRAFFIC IMPACT ANALYSIS REPORTS IN SAN BERNARDINO COUNTY

TIA Report may be integrated with environmental documents prepared for CEQA requirements. This is at the discretion of the local jurisdiction.

V. Conclusions and recommendations.

A. Summary of proposed mitigations and costs.

Provide a summary of the impacts, proposed mitigations, and the costs of the mitigations. A cost estimate for the proposed mitigations must be included. Generalized unit costs will be available from either Caltrans, the local jurisdiction, or Appendix G. The source of the unit cost estimates used must be specified in the TIA Report.

B. Other recommendations.

List any other recommendations that should be brought to the attention of the local jurisdiction, the CMA, or Caltrans. This may include anticipated problems beyond the forecast year or on portions of the network not analyzed.

Summary List of Typical Figures and Tables to Be Included in a TIA Report.

- Project location and 5 mile limit study area (map)
- Project size by land use (table)
- Trips generated by land use for AM and PM weekday peak-hours of adjacent street traffic and for daily traffic inbound and outbound (table) and other applicable peak-hours
- List of other planned transportation improvements affecting the project

- Existing intersection and link volumes and levels of service (map)
- Distribution and assignment of project trips (map)
- Forecast traffic without project and with project for applicable peak-hours (map or table)
- Levels of service without project and with project (map or table)
- Improvements required to mitigate project opening day and forecast year scenario impacts (map and/or table)
- Ratio of project traffic to new traffic (new traffic means the difference between existing and forecast) on analyzed links or intersections (map or table)
- Improvement costs by jurisdiction and for Caltrans roadways

SUMMARY OF ANALYSIS ASSUMPTIONS FOR THE CMP TRAFFIC IMPACT ANALYSIS GUIDELINES

Level of Service Analysis Procedures and Assumptions

Intersections

- 2000 HCM operational analysis.
- Optimized signal timing/phasing for future signal analysis, unless assumed to be in a coordinated system, in which case estimated actual cycle length is used. The maximum cycle length for a single

- signalized intersection or system should be 130 seconds.
- 10 second minimum phase time, including change interval.
- Average arrivals, unless a coordinated signal system dictates otherwise.
- Ideal lane width (12 feet).
- 2 second lost time/phase.
- "Required" solution if analysis by Webster.
- Exclusive right turn lane is assumed to exist if pavement is wide enough to permit a separate right turn, even if it is not striped. (Minimum 20' from curb line to lane stripe.)
- A full saturation flow rate can be assumed for an extra lane provided on the upstream of the intersection only if this lane also extends at least 600 ft downstream of the intersection (or to the next downstream intersection).
- PHF = 0.95 for future analysis.
- The lane utilization factor may also be set at 1.00 when the v/c ratio for the lane group approaches 1.0, as lanes tend to be more equally utilized in such situations.
- For light duty trucks (such as service vehicles, buses, RV's and dual rear wheels) use a PCE of 1.5. For medium duty trucks with 3 axles use a PCE of 2.0. For heavy duty trucks with 4 axles, use a PCE of 3.0.

- Industrial, warehousing and other Projects with high truck percentages should convert to PCE's before applying thresholds.
- When field saturation flow rates and any special intersection characteristics are not available, the following field adjusted saturation flow rates are recommended for analysis.

Existing and Opening Day Scenarios

- Exclusive thru: 1800 vphgpl
- Exclusive left: 1700 vphgpl
- Exclusive right: 1800 vphgpl
- Exclusive double left: 1600 vphgpl
- Exclusive triple left: 1500 vphgpl or less

Future Scenarios

- Exclusive thru: 1900 vphgpl
- Exclusive left: 1800 vphgpl
- Exclusive double left: 1700 vphgpl
- Exclusive right: 1900 vphgpl
- Exclusive double right: 1800 vphgpl
- Exclusive triple left: 1600 vphgpl

Note: Existing field saturation flow rates should be used if they are available

and any special traffic or geometric characteristics should also be taken into account if known to affect traffic flow.

Freeways

- Capacity of 2,300 vehicles/hour/lane (1600/hr/lane/HOV)
- Use Caltrans truck percentages (includes trucks, buses and RV's)
- Peak-hour factor of 0.98 for congested areas and 0.95 for less congested areas
- Directional distribution of 55% and 45%, if using non-directional volumes from Caltrans volume book
- Design speed of 70 mph
- Volumes used from Caltrans' annual volume book are assumed to be PM peak-hour. AM peak mainline volumes assumed as 90% of PM peak, if using Caltrans volume book

Stop Controlled Intersections

- 2000 HCM for 2-way and 4-way stops

Project-Related Assumptions

- Use the latest ITE Trip Generation handbook for mixed use internal trip percentages. Higher percentages must be fully justified.
- Pass by trips - Retail uses and fast food restaurants only
 - Use ITE procedures to estimate percentage

- For analysis at entry points into site, driveway volume is not reduced (i.e., trip generation rate is still the same). Rather, trips are redistributed based on the assumed prevalent directions of pass-by trips (see recommended ITE procedure).

- Reductions for transit or TDM are a maximum of 10% unless higher can be justified.

Other

- If a new traffic generating development project (other than a single family residential unit) within a federally designated urbanized area abuts a state highway or abuts a highway that intersects a State highway within 500 feet of that intersection, the local jurisdiction in which the development occurs must notify Caltrans and the CMA.
- The TIA procedures will be reviewed biannually. Forward comments to the CMA.
- Industrial warehouse and truck projects may distribute only truck trips by hand. (Employee trip distribution shall be modeled.)
- Intersections will be considered deficient (LOS "F") if the critical v/c ratio equals or exceeds 1.0, even if the level of service defined by the delay value is above the defined LOS standard.
- All the computer-generated traffic forecasts need to be refined for use in TIA reports to provide the best estimate of future volumes possible. Traffic forecasts should be post processed by using "B"

turns software available through SCAG's Riverside Office or another approved methodology as found in the Federal Transportation Research Board Report 255. However, the post processing of turning movements is restricted to local models only.

APPENDIX B

CITY OF BARSTOW'S LEVEL OF SERVICE DESCRIPTIONS & DAILY ROADWAY CAPACITIES TABLE

| <u>Level of Service (LOS)</u> | <u>Description of Travel Conditions</u> | <u>Daily Roadway Capacities</u> | | |
|-------------------------------|---|---------------------------------|----------------|----------------|
| | | <u>2 Lanes</u> | <u>4 Lanes</u> | <u>6 Lanes</u> |
| A | No physical restriction on operation speeds. | 7,000 | 15,000 | 25,000 |
| B | Stable flow with few restrictions on operating speed. | 8,000 | 18,000 | 28,000 |
| C | Stable flow with more restrictions on speed and lane changing. | 10,000 | 22,000 | 32,000 |
| D | Approaching unstable flow, little freedom to maneuver and short periods of heavy restrictions on flow. | 12,000 | 26,000 | 35,000 |
| E | Unstable flow, low operating speeds and some momentary stoppages | 14,000 | 28,000 | 38,000 |
| F | Forced flow operations at low speeds where the highway acts as a storage area and there are many stoppages. | 14,000 | 28,000 | 38,000 |

**TABLE VI.1.4
LEVEL OF SERVICE DESCRIPTIONS AND
ROADWAY CAPACITIES**

Source: Highway Capacity Manual; VVCE, Inc.

APPENDIX C

24-HOUR COUNT AT I-15 (BARSTOW)/ LENWOOD ROAD AT POSTMILE 68.770 & 2007 CALTRANS TRAFFIC VOLUMES

MONTH OF JUNE 2008
24 HOUR FREEWAY VOLUMES
(I-15/Lenwood Rd)

| | Weekday | | Total | D (NB) | D (SB) |
|-------|---------|---------|-------|--------|--------|
| | NB | SB | | | |
| 00:00 | 368 | 426 | 794 | 0.46 | 0.54 |
| 01:00 | 348 | 331 | 679 | 0.51 | 0.49 |
| 02:00 | 371 | 329 | 700 | 0.53 | 0.47 |
| 03:00 | 501 | 375 | 876 | 0.57 | 0.43 |
| 04:00 | 940 | 476 | 1416 | 0.66 | 0.34 |
| 05:00 | 1269 | 716 | 1985 | 0.64 | 0.36 |
| 06:00 | 1370 | 921 | 2291 | 0.60 | 0.40 |
| 07:00 | 1277 | 1070 | 2347 | 0.54 | 0.46 |
| 08:00 | 1310 | 1209 | 2519 | 0.52 | 0.48 |
| 09:00 | 1547 | 1379 | 2926 | 0.53 | 0.47 |
| 10:00 | 1822 | 1685 | 3507 | 0.52 | 0.48 |
| 11:00 | 1933 | 1985 | 3918 | 0.49 | 0.51 |
| 12:00 | 1917 | 2037 | 3954 | 0.48 | 0.52 |
| 13:00 | 1879 | 2108 | 3987 | 0.47 | 0.53 |
| 14:00 | 1730 | 2049 | 3779 | 0.46 | 0.54 |
| 15:00 | 1532 | 2038 | 3570 | 0.43 | 0.57 |
| 16:00 | 1400 | 1758 | 3158 | 0.44 | 0.56 |
| 17:00 | 1300 | 1379 | 2679 | 0.49 | 0.51 |
| 18:00 | 1261 | 1144 | 2405 | 0.52 | 0.48 |
| 19:00 | 1269 | 985 | 2254 | 0.56 | 0.44 |
| 20:00 | 1168 | 837 | 2005 | 0.58 | 0.42 |
| 21:00 | 1039 | 717 | 1756 | 0.59 | 0.41 |
| 22:00 | 716 | 584 | 1300 | 0.55 | 0.45 |
| 23:00 | 506 | 445 | 951 | 0.53 | 0.47 |
| | 28773 | 26983 | 55756 | | |
| | 0.51605 | 0.48395 | | | |

| | | |
|---------------------|----|--------|
| Weekday K (Mid-Day) | | 0.071 |
| D Factor | SB | 0.529 |
| Weekday K (PM) | | 0.057 |
| D Factor | SB | 0.5567 |

2007 CALTRANS FREEWAY TRAFFIC VOLUMES

| District | Route | Rte Suf | County | PM Prefix | Postmile | Description | Back Peak Hour | Back Peak Month | Back AADT | Ahead Peak Hour | Ahead Peak Month | Ahead AADT |
|----------|-------|---------|--------|-----------|----------|--------------------------|----------------|-----------------|-----------|-----------------|------------------|------------|
| 8 | 15 | | SBD | | 60.159 | HODGE ROAD INTERCHANGE | 5500 | 63000 | 56000 | 5500 | 63000 | 56000 |
| 8 | 15 | | SBD | | 70.104 | BARSTOW, JCT RTE 58 EAST | 6100 | 69000 | 61000 | 7800 | 84000 | 74000 |

APPENDIX D
INTERSECTION MANUAL COUNT SHEETS

Counts Unlimited Inc.
25286 Jaclyn Avenue
Moreno Valley, CA 92557
651-485-7834

File Name : BARLE58MD
Site Code : 9036081
Start Date : 2/11/2009
Page No : 2

City of Barstow
N/S: Lenwood Road
E/W: SR-58
Weather: Sunny

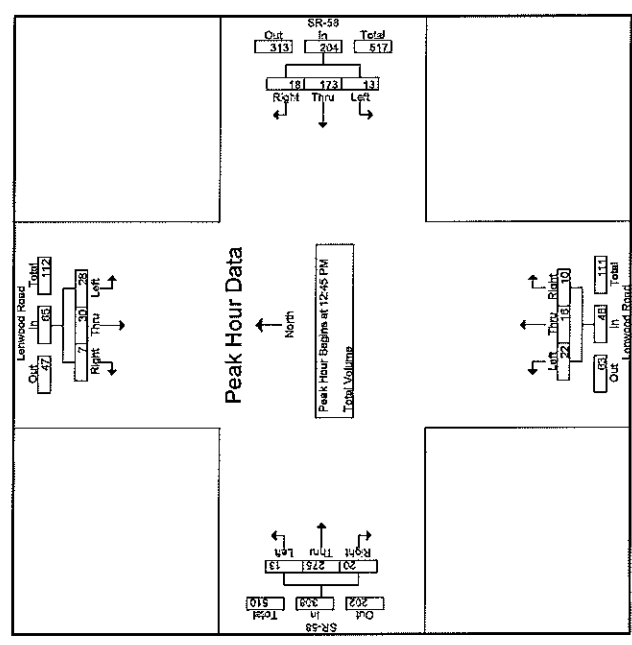
Counts Unlimited Inc.
25286 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7834

File Name : BARLE58MD
Site Code : 9036081
Start Date : 2/11/2009
Page No : 1

City of Barstow
N/S: Lenwood Road
E/W: SR-58
Weather: Sunny

| Start Time | Lenwood Road Southbound | | | | | | Lenwood Road Northbound | | | | | | SR-58 Westbound | | | | | | SR-58 Eastbound | | | | | |
|--------------|-------------------------|-----------|-----------|------------|-----------|------------|-------------------------|------------|-----------|-----------|-----------|------------|-----------------|------------|-----------|------------|-----------|------------|-----------------|------------|-----------|------------|-----------|------------|
| | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total |
| 12:00 PM | 2 | 1 | 4 | 7 | 2 | 68 | 9 | 79 | 4 | 1 | 1 | 6 | 2 | 57 | 4 | 63 | 2 | 57 | 4 | 63 | 2 | 57 | 4 | 63 |
| 12:15 PM | 2 | 0 | 4 | 6 | 2 | 41 | 5 | 46 | 3 | 4 | 0 | 7 | 3 | 58 | 3 | 63 | 3 | 58 | 3 | 63 | 3 | 58 | 3 | 63 |
| 12:30 PM | 4 | 2 | 2 | 8 | 2 | 53 | 10 | 65 | 4 | 10 | 2 | 16 | 1 | 58 | 3 | 62 | 1 | 58 | 3 | 62 | 1 | 58 | 3 | 62 |
| 12:45 PM | 3 | 10 | 0 | 13 | 3 | 45 | 3 | 51 | 5 | 7 | 2 | 14 | 3 | 81 | 3 | 87 | 3 | 81 | 3 | 87 | 3 | 81 | 3 | 87 |
| Total | 11 | 15 | 3 | 29 | 7 | 207 | 27 | 241 | 15 | 24 | 0 | 48 | 9 | 234 | 12 | 255 | 9 | 234 | 12 | 255 | 9 | 234 | 12 | 255 |
| 01:00 PM | 12 | 11 | 4 | 27 | 3 | 45 | 3 | 51 | 4 | 5 | 3 | 12 | 4 | 89 | 8 | 101 | 4 | 89 | 8 | 101 | 4 | 89 | 8 | 101 |
| 01:15 PM | 9 | 4 | 3 | 16 | 4 | 43 | 4 | 51 | 6 | 2 | 3 | 11 | 3 | 70 | 3 | 76 | 3 | 70 | 3 | 76 | 3 | 70 | 3 | 76 |
| 01:30 PM | 4 | 5 | 0 | 9 | 3 | 40 | 8 | 51 | 7 | 2 | 2 | 11 | 3 | 75 | 6 | 84 | 3 | 75 | 6 | 84 | 3 | 75 | 6 | 84 |
| 01:45 PM | 5 | 1 | 3 | 9 | 3 | 61 | 5 | 69 | 8 | 7 | 2 | 17 | 4 | 83 | 2 | 91 | 4 | 83 | 2 | 91 | 4 | 83 | 2 | 91 |
| Total | 30 | 21 | 10 | 61 | 13 | 188 | 20 | 222 | 25 | 16 | 10 | 51 | 11 | 257 | 19 | 287 | 11 | 257 | 19 | 287 | 11 | 257 | 19 | 287 |
| Grand Total | 41 | 38 | 13 | 90 | 20 | 388 | 47 | 463 | 40 | 40 | 19 | 99 | 20 | 461 | 31 | 542 | 20 | 461 | 31 | 542 | 20 | 461 | 31 | 542 |
| Approach % | 45.0 | 40 | 14.4 | 43 | 85.5 | 10.2 | 40.4 | 40.4 | 19.2 | 8.3 | 1.7 | 41.1 | 2.6 | 45.4 | | | | | | | | | | |
| Total % | 3.4 | 3 | 1.1 | 7.5 | 1.7 | 33.2 | 3.9 | 38.8 | 3.4 | 3.4 | 1.6 | 8.3 | 1.7 | 41.1 | 2.6 | 45.4 | | | | | | | | |

| Start Time | Lenwood Road Southbound | | | | | | Lenwood Road Northbound | | | | | | SR-58 Westbound | | | | | | SR-58 Eastbound | | | | | |
|--------------|-------------------------|-----------|----------|------------|-----------|------------|-------------------------|------------|-----------|-----------|-----------|------------|-----------------|------------|-----------|------------|-----------|------------|-----------------|------------|-----------|------------|-----------|------------|
| | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total |
| 12:45 PM | 3 | 10 | 0 | 13 | 3 | 45 | 3 | 51 | 5 | 7 | 2 | 14 | 3 | 81 | 3 | 87 | 3 | 81 | 3 | 87 | 3 | 81 | 3 | 87 |
| 01:00 PM | 12 | 11 | 4 | 27 | 3 | 45 | 3 | 51 | 4 | 5 | 3 | 12 | 4 | 89 | 8 | 101 | 4 | 89 | 8 | 101 | 4 | 89 | 8 | 101 |
| 01:15 PM | 9 | 4 | 3 | 16 | 4 | 43 | 4 | 51 | 6 | 2 | 3 | 11 | 3 | 70 | 3 | 76 | 3 | 70 | 3 | 76 | 3 | 70 | 3 | 76 |
| 01:30 PM | 4 | 5 | 0 | 9 | 3 | 40 | 8 | 51 | 7 | 2 | 2 | 11 | 3 | 76 | 6 | 84 | 3 | 76 | 6 | 84 | 3 | 76 | 6 | 84 |
| Total | 28 | 30 | 7 | 65 | 13 | 173 | 18 | 204 | 22 | 16 | 10 | 48 | 13 | 275 | 20 | 308 | 13 | 275 | 20 | 308 | 13 | 275 | 20 | 308 |
| % App. Total | 43.1 | 46.2 | 10.8 | 46.8 | 64 | 84.8 | 8.8 | 45.8 | 39.3 | 20.8 | 4.2 | 89.3 | 6.5 | 89.3 | 6.5 | 89.3 | 6.5 | 89.3 | 6.5 | 89.3 | 6.5 | 89.3 | 6.5 | 89.3 |
| PHF | .593 | .892 | .438 | .602 | .813 | .961 | .563 | 1.000 | .768 | .571 | .833 | .857 | .813 | .917 | .625 | .917 | .813 | .917 | .625 | .917 | .813 | .917 | .625 | .917 |



Peak Hour Analysis From 12:00 PM to 01:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

| | 12:45 PM | 12:30 PM | 12:15 PM | 12:00 PM | 11:45 PM | 11:30 PM | 11:15 PM | 11:00 PM |
|--------------|----------|----------|----------|----------|----------|----------|----------|----------|
| +0 mins. | 3 | 10 | 0 | 13 | 2 | 68 | 9 | 79 |
| +15 mins. | 12 | 11 | 4 | 27 | 0 | 41 | 5 | 48 |
| +30 mins. | 9 | 4 | 3 | 16 | 2 | 53 | 10 | 65 |
| +45 mins. | 4 | 5 | 0 | 9 | 3 | 45 | 3 | 51 |
| Total Volume | 28 | 30 | 7 | 65 | 7 | 207 | 27 | 241 |
| % App. Total | 43.1 | 46.2 | 10.8 | 46.8 | 2.8 | 85.9 | 11.2 | 35.8 |
| PHF | .593 | .892 | .438 | .602 | .563 | .761 | .675 | .763 |
| | | | | | .602 | .600 | .633 | .828 |
| | | | | | .813 | .917 | .625 | .917 |

Counts Unlimited Inc.
25286 Joclyn Avenue
Moreno Valley, CA 92557
951-485-7834

City of Barstow
N/S: Lenwood Road
E/W: SR-58
Weather: Sunny

File Name : BARLES8PM
Site Code : 9036081
Start Date : 2/11/2009
Page No : 1

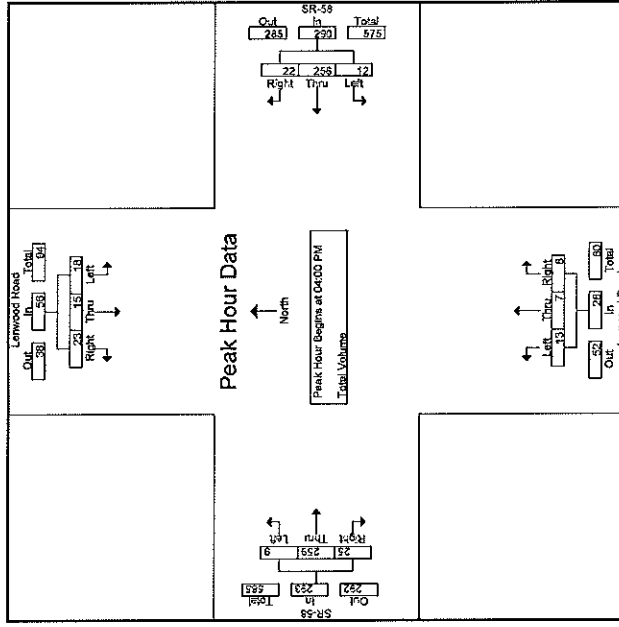
Counts Unlimited Inc.
25286 Joclyn Avenue
Moreno Valley, CA 92557
951-485-7834

City of Barstow
N/S: Lenwood Road
E/W: SR-58
Weather: Sunny

File Name : BARLES8PM
Site Code : 9036081
Start Date : 2/11/2009
Page No : 2

| Start Time | Lenwood Road | | | | SR-58 | | | | Lenwood Road | | | | SR-58 | | | | |
|-------------|--------------|------|-------|------------|-------|------|-------|------------|--------------|------|-------|------------|-------|------|-------|------------|------|
| | Left | Thru | Right | Ass. Total | Left | Thru | Right | Ass. Total | Left | Thru | Right | Ass. Total | Left | Thru | Right | Ass. Total | |
| 04:00 PM | 3 | 6 | 5 | 14 | 3 | 73 | 6 | 82 | 4 | 1 | 1 | 6 | 1 | 62 | 8 | 71 | 140 |
| 04:15 PM | 3 | 2 | 3 | 8 | 5 | 59 | 2 | 66 | 2 | 1 | 3 | 6 | 1 | 62 | 8 | 71 | 140 |
| 04:30 PM | 7 | 4 | 3 | 14 | 4 | 81 | 2 | 87 | 4 | 1 | 1 | 5 | 2 | 63 | 8 | 71 | 160 |
| 04:45 PM | 3 | 4 | 7 | 14 | 4 | 59 | 7 | 80 | 4 | 3 | 4 | 11 | 5 | 60 | 4 | 69 | 171 |
| Total | 18 | 15 | 23 | 56 | 12 | 258 | 22 | 280 | 13 | 7 | 8 | 28 | 9 | 259 | 25 | 293 | 687 |
| 05:00 PM | 7 | 7 | 2 | 16 | 4 | 58 | 7 | 69 | 3 | 5 | 3 | 11 | 1 | 55 | 4 | 60 | 158 |
| 05:15 PM | 3 | 2 | 1 | 6 | 2 | 51 | 6 | 59 | 4 | 4 | 4 | 12 | 2 | 62 | 2 | 68 | 143 |
| 05:30 PM | 8 | 4 | 4 | 16 | 1 | 40 | 0 | 50 | 5 | 3 | 10 | 18 | 0 | 61 | 5 | 66 | 150 |
| 05:45 PM | 2 | 3 | 2 | 7 | 1 | 42 | 10 | 53 | 2 | 6 | 4 | 12 | 2 | 61 | 1 | 64 | 138 |
| Total | 20 | 18 | 9 | 47 | 8 | 191 | 32 | 231 | 14 | 18 | 21 | 53 | 5 | 239 | 12 | 256 | 585 |
| Grand Total | 38 | 31 | 32 | 101 | 20 | 447 | 54 | 521 | 27 | 25 | 29 | 81 | 14 | 488 | 37 | 549 | 1252 |
| Approach % | 37.6 | 30.7 | 31.7 | | 3.8 | 85.8 | 10.4 | | 33.3 | 30.8 | 35.8 | | 2.8 | 90.7 | 6.7 | 43.8 | |
| Total % | 3 | 2.5 | 2.6 | | 8.1 | 1.9 | 35.7 | 4.3 | | 41.6 | | 6.5 | 1.1 | 38.8 | 3 | | |

| Start Time | Lenwood Road | | | | SR-58 | | | | Lenwood Road | | | | SR-58 | | | | |
|--------------|--------------|------|-------|------------|-------|------|-------|------------|--------------|------|-------|------------|-------|------|-------|------------|-----|
| | Left | Thru | Right | Ass. Total | Left | Thru | Right | Ass. Total | Left | Thru | Right | Ass. Total | Left | Thru | Right | Ass. Total | |
| 04:00 PM | 3 | 6 | 5 | 14 | 3 | 73 | 6 | 82 | 4 | 1 | 1 | 6 | 1 | 62 | 8 | 71 | 140 |
| 04:15 PM | 3 | 2 | 3 | 8 | 5 | 59 | 2 | 66 | 2 | 1 | 3 | 6 | 1 | 62 | 8 | 71 | 140 |
| 04:30 PM | 7 | 4 | 3 | 14 | 4 | 81 | 2 | 87 | 4 | 1 | 1 | 5 | 2 | 63 | 8 | 71 | 160 |
| 04:45 PM | 3 | 4 | 7 | 14 | 4 | 59 | 7 | 80 | 4 | 3 | 4 | 11 | 5 | 60 | 4 | 69 | 171 |
| Total | 18 | 15 | 23 | 56 | 12 | 258 | 22 | 280 | 13 | 7 | 8 | 28 | 9 | 259 | 25 | 293 | 687 |
| % App. Total | 32.1 | 28.8 | 41.1 | | 4.1 | 88.3 | 7.6 | | 46.4 | 25 | 29.8 | | 3.1 | 88.4 | 6.5 | | |
| PHF | 843 | 469 | 821 | | 778 | 750 | 877 | | 853 | 813 | 438 | 687 | | 838 | 450 | 875 | 893 |



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

| | 04:00 PM | | | | 04:00 PM | | | | 05:00 PM | | | | 04:00 PM | | | |
|--------------|----------|------|------|----|----------|------|-----|-----|----------|-----|------|----|----------|------|-----|-----|
| +0 mins. | 5 | 8 | 5 | 18 | 3 | 73 | 8 | 84 | 3 | 5 | 3 | 11 | 1 | 74 | 7 | 82 |
| +15 mins. | 3 | 2 | 5 | 10 | 1 | 53 | 5 | 59 | 4 | 4 | 4 | 12 | 1 | 62 | 8 | 71 |
| +30 mins. | 7 | 4 | 6 | 17 | 4 | 81 | 2 | 87 | 5 | 3 | 10 | 18 | 2 | 63 | 6 | 71 |
| +45 mins. | 3 | 1 | 7 | 11 | 4 | 69 | 7 | 80 | 2 | 6 | 4 | 12 | 5 | 60 | 4 | 69 |
| Total Volume | 18 | 15 | 23 | 56 | 12 | 258 | 22 | 280 | 14 | 18 | 21 | 53 | 9 | 259 | 25 | 293 |
| % App. Total | 32.1 | 28.8 | 41.1 | | 4.1 | 88.3 | 7.6 | | 28.4 | 34 | 38.6 | | 3.1 | 88.4 | 6.5 | |
| PHF | 843 | 469 | 821 | | 778 | 750 | 877 | | 853 | 700 | 750 | | 739 | 450 | 875 | 893 |

Counts Unlimited Inc.
25288 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7834

File Name : BARLEMMAMD
Site Code : 9036082
Start Date : 2/11/2009
Page No : 2

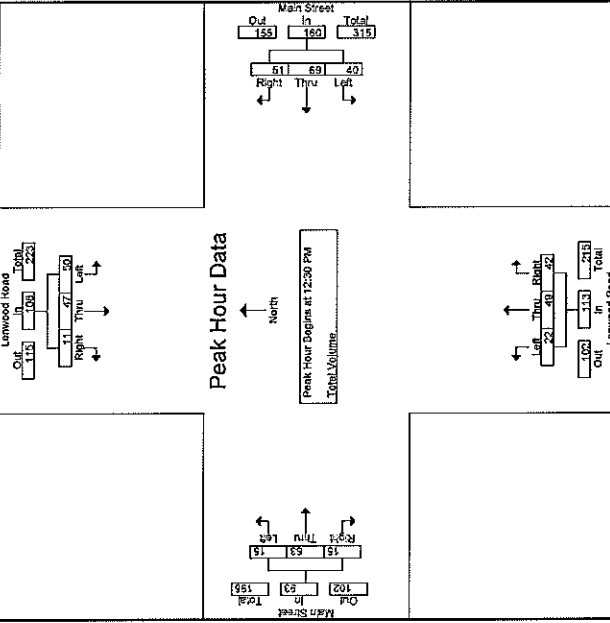
City of Barstow
NIS: Lenwood Road
E/W: Main Street
Weather: Sunny

Counts Unlimited Inc.
25288 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7834

File Name : BARLEMMAMD
Site Code : 9036082
Start Date : 2/11/2009
Page No : 1

City of Barstow
NIS: Lenwood Road
E/W: Main Street
Weather: Sunny

| Start Time | Lenwood Road | | | Main Street | | | Lenwood Road | | | Main Street | | |
|-------------|--------------|------|-------|-------------|------|-------|--------------|------|-------|-------------|------|-------|
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right |
| 12:00 PM | 8 | 17 | 9 | 12 | 31 | 2 | 9 | 8 | 19 | 1 | 15 | 6 |
| 12:15 PM | 15 | 8 | 3 | 26 | 5 | 22 | 2 | 9 | 6 | 17 | 2 | 19 |
| 12:30 PM | 14 | 13 | 3 | 30 | 15 | 17 | 6 | 8 | 5 | 19 | 6 | 21 |
| 12:45 PM | 14 | 11 | 2 | 27 | 6 | 13 | 10 | 13 | 13 | 28 | 3 | 12 |
| Total | 51 | 59 | 10 | 100 | 37 | 53 | 33 | 123 | 12 | 39 | 32 | 83 |
| 01:00 PM | 12 | 15 | 2 | 29 | 11 | 18 | 19 | 48 | 9 | 16 | 15 | 40 |
| 01:15 PM | 10 | 8 | 4 | 22 | 5 | 21 | 16 | 42 | 5 | 12 | 9 | 26 |
| 01:30 PM | 6 | 6 | 1 | 13 | 10 | 17 | 10 | 37 | 5 | 16 | 5 | 26 |
| 01:45 PM | 7 | 13 | 3 | 23 | 9 | 18 | 14 | 41 | 6 | 8 | 10 | 24 |
| Total | 35 | 42 | 10 | 87 | 35 | 74 | 59 | 168 | 25 | 52 | 39 | 116 |
| Grand Total | 86 | 81 | 20 | 187 | 72 | 127 | 92 | 291 | 37 | 91 | 71 | 199 |
| Approach % | 46 | 45.3 | 10.7 | 24.7 | 43.6 | 31.6 | 18.6 | 45.7 | 35.7 | 14.2 | 66.8 | 18.9 |
| Total % | 5.9 | 9.3 | 2.3 | 21.6 | 8.3 | 14.6 | 10.6 | 33.6 | 4.3 | 10.5 | 8.2 | 23 |



Peak Hour Analysis From 12:00 PM to 01:45 PM - Peak 1 of 1

| Start Time | Lenwood Road | | | Main Street | | | Lenwood Road | | | Main Street | | |
|-------------|--------------|------|-------|-------------|------|-------|--------------|------|-------|-------------|------|-------|
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right |
| 12:00 PM | 8 | 17 | 9 | 12 | 31 | 2 | 9 | 8 | 19 | 1 | 15 | 6 |
| 12:15 PM | 15 | 8 | 3 | 26 | 5 | 22 | 2 | 9 | 6 | 17 | 2 | 19 |
| 12:30 PM | 14 | 13 | 3 | 30 | 15 | 17 | 6 | 8 | 5 | 19 | 6 | 21 |
| 12:45 PM | 14 | 11 | 2 | 27 | 6 | 13 | 10 | 13 | 13 | 28 | 3 | 12 |
| Total | 51 | 59 | 10 | 100 | 37 | 53 | 33 | 123 | 12 | 39 | 32 | 83 |
| 01:00 PM | 12 | 15 | 2 | 29 | 11 | 18 | 19 | 48 | 9 | 16 | 15 | 40 |
| 01:15 PM | 10 | 8 | 4 | 22 | 5 | 21 | 16 | 42 | 5 | 12 | 9 | 26 |
| 01:30 PM | 6 | 6 | 1 | 13 | 10 | 17 | 10 | 37 | 5 | 16 | 5 | 26 |
| 01:45 PM | 7 | 13 | 3 | 23 | 9 | 18 | 14 | 41 | 6 | 8 | 10 | 24 |
| Total | 35 | 42 | 10 | 87 | 35 | 74 | 59 | 168 | 25 | 52 | 39 | 116 |
| Grand Total | 86 | 81 | 20 | 187 | 72 | 127 | 92 | 291 | 37 | 91 | 71 | 199 |
| Approach % | 46 | 45.3 | 10.7 | 24.7 | 43.6 | 31.6 | 18.6 | 45.7 | 35.7 | 14.2 | 66.8 | 18.9 |
| Total % | 5.9 | 9.3 | 2.3 | 21.6 | 8.3 | 14.6 | 10.6 | 33.6 | 4.3 | 10.5 | 8.2 | 23 |

Peak Hour Analysis From 12:00 PM to 01:45 PM - Peak 1 of 1

| Start Time | Lenwood Road | | | Main Street | | | Lenwood Road | | | Main Street | | |
|-------------|--------------|------|-------|-------------|------|-------|--------------|------|-------|-------------|------|-------|
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right |
| 12:00 PM | 8 | 17 | 9 | 12 | 31 | 2 | 9 | 8 | 19 | 1 | 15 | 6 |
| 12:15 PM | 15 | 8 | 3 | 26 | 5 | 22 | 2 | 9 | 6 | 17 | 2 | 19 |
| 12:30 PM | 14 | 13 | 3 | 30 | 15 | 17 | 6 | 8 | 5 | 19 | 6 | 21 |
| 12:45 PM | 14 | 11 | 2 | 27 | 6 | 13 | 10 | 13 | 13 | 28 | 3 | 12 |
| Total | 51 | 59 | 10 | 100 | 37 | 53 | 33 | 123 | 12 | 39 | 32 | 83 |
| 01:00 PM | 12 | 15 | 2 | 29 | 11 | 18 | 19 | 48 | 9 | 16 | 15 | 40 |
| 01:15 PM | 10 | 8 | 4 | 22 | 5 | 21 | 16 | 42 | 5 | 12 | 9 | 26 |
| 01:30 PM | 6 | 6 | 1 | 13 | 10 | 17 | 10 | 37 | 5 | 16 | 5 | 26 |
| 01:45 PM | 7 | 13 | 3 | 23 | 9 | 18 | 14 | 41 | 6 | 8 | 10 | 24 |
| Total | 35 | 42 | 10 | 87 | 35 | 74 | 59 | 168 | 25 | 52 | 39 | 116 |
| Grand Total | 86 | 81 | 20 | 187 | 72 | 127 | 92 | 291 | 37 | 91 | 71 | 199 |
| Approach % | 46 | 45.3 | 10.7 | 24.7 | 43.6 | 31.6 | 18.6 | 45.7 | 35.7 | 14.2 | 66.8 | 18.9 |
| Total % | 5.9 | 9.3 | 2.3 | 21.6 | 8.3 | 14.6 | 10.6 | 33.6 | 4.3 | 10.5 | 8.2 | 23 |

Counts Unlimited Inc.
25286 Jaclyn Avenue
Morano Valley, CA 92557
951-485-7834

File Name : BARLEMAMP
Site Code : 9039082
Start Date : 2/11/2009
Page No : 1

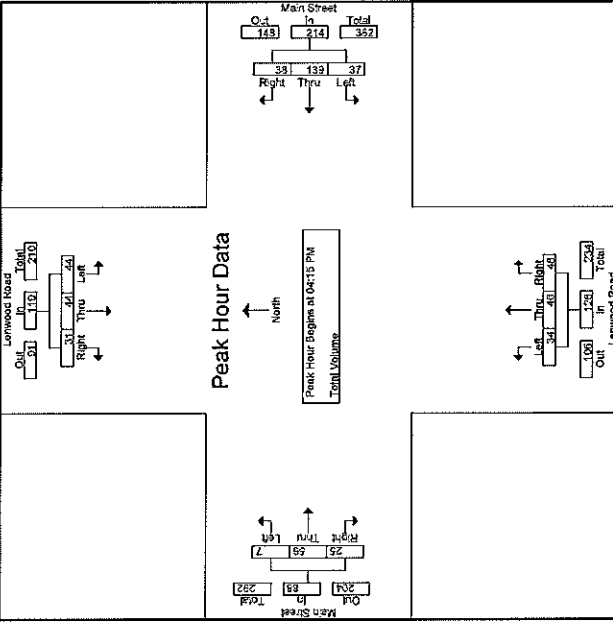
City of Barstow
N/S: Lenwood Road
E/W: Main Street
Weather: Sunny

Counts Unlimited Inc.
25286 Jaclyn Avenue
Morano Valley, CA 92557
951-485-7834

File Name : BARLEMAMP
Site Code : 9039082
Start Date : 2/11/2009
Page No : 2

City of Barstow
N/S: Lenwood Road
E/W: Main Street
Weather: Sunny

| Start Time | Lenwood Road | | | | Main Street | | | | Lenwood Road | | | | Main Street | | | |
|-------------|--------------|------|-------|------------|-------------|------|-------|------------|--------------|------|-------|------------|-------------|------|-------|------------|
| | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total |
| 04:00 PM | 15 | 19 | 1 | 35 | 25 | 8 | 8 | 41 | 12 | 12 | 7 | 31 | 14 | 11 | 1 | 26 |
| 04:15 PM | 13 | 16 | 1 | 30 | 27 | 8 | 4 | 39 | 10 | 10 | 7 | 27 | 14 | 11 | 1 | 26 |
| 04:30 PM | 10 | 12 | 7 | 29 | 26 | 10 | 6 | 42 | 8 | 8 | 6 | 22 | 13 | 11 | 6 | 30 |
| 04:45 PM | 9 | 12 | 7 | 28 | 23 | 9 | 4 | 36 | 7 | 7 | 5 | 19 | 11 | 11 | 7 | 29 |
| 05:00 PM | 9 | 12 | 7 | 28 | 23 | 9 | 4 | 36 | 7 | 7 | 5 | 19 | 11 | 11 | 7 | 29 |
| 05:15 PM | 12 | 10 | 5 | 27 | 27 | 10 | 10 | 47 | 10 | 10 | 10 | 30 | 15 | 15 | 15 | 45 |
| 05:30 PM | 11 | 8 | 5 | 24 | 24 | 9 | 11 | 44 | 11 | 11 | 13 | 35 | 13 | 13 | 6 | 32 |
| 05:45 PM | 5 | 3 | 0 | 8 | 10 | 20 | 10 | 40 | 10 | 10 | 10 | 30 | 13 | 13 | 6 | 32 |
| Total | 37 | 34 | 15 | 86 | 25 | 118 | 41 | 194 | 38 | 42 | 122 | 11 | 65 | 21 | 97 | 499 |
| Grand Total | 84 | 87 | 42 | 213 | 73 | 243 | 76 | 392 | 68 | 86 | 91 | 245 | 19 | 122 | 50 | 191 |
| Approach % | 39.4 | 40.8 | 19.7 | 18.6 | 62 | 19.4 | 27.8 | 35.1 | 37.1 | 9.9 | 63.9 | 26.2 | 1.8 | 11.7 | 4.8 | 18.3 |
| Total % | 8.1 | 8.4 | 4 | 20.5 | 7 | 23.3 | 7.3 | 37.7 | 6.5 | 8.3 | 8.7 | 23.5 | 1.8 | 11.7 | 4.8 | 18.3 |



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

| Time | 04:00 PM | | | | 04:15 PM | | | | 04:30 PM | | | | 04:45 PM | | | | 05:00 PM | | | |
|--------------|----------|------|-------|-------|----------|------|-------|-------|----------|------|-------|-------|----------|------|-------|-------|----------|------|-------|-------|
| | Left | Thru | Right | Total | Left | Thru | Right | Total | Left | Thru | Right | Total | Left | Thru | Right | Total | Left | Thru | Right | Total |
| +0 mins. | 15 | 19 | 1 | 35 | 10 | 31 | 8 | 49 | 11 | 15 | 15 | 41 | 3 | 20 | 7 | 30 | | | | |
| +15 mins. | 13 | 12 | 12 | 37 | 8 | 36 | 10 | 54 | 8 | 14 | 11 | 33 | 2 | 18 | 1 | 21 | | | | |
| +30 mins. | 10 | 10 | 7 | 27 | 7 | 33 | 9 | 49 | 11 | 11 | 8 | 30 | 5 | 13 | 6 | 24 | | | | |
| +45 mins. | 9 | 12 | 7 | 28 | 7 | 28 | 12 | 47 | 8 | 11 | 13 | 32 | 1 | 14 | 7 | 22 | | | | |
| Total Volume | 49 | 53 | 27 | 129 | 37 | 129 | 38 | 214 | 39 | 51 | 47 | 137 | 11 | 65 | 21 | 97 | | | | |
| % App. Total | 37 | 41 | 21 | 17.3 | 17.3 | 17.3 | 17.3 | 26.6 | 17.2 | 26.6 | 17.2 | 26.6 | 11.3 | 11.3 | 11.3 | 21.6 | | | | |
| PHF | 793 | 697 | 563 | 858 | 771 | 891 | 804 | 863 | 886 | 859 | 783 | 835 | 558 | 413 | 290 | 308 | | | | |

Counts Unlimited Inc.
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851-485-7834

File Name : BAR58EMAMD
Site Code : 9036062
Start Date : 2/11/2009
Page No : 1

Counts Unlimited Inc.
25286 Jaclyn Avenue
Moreno Valley, CA 92557
851-485-7834

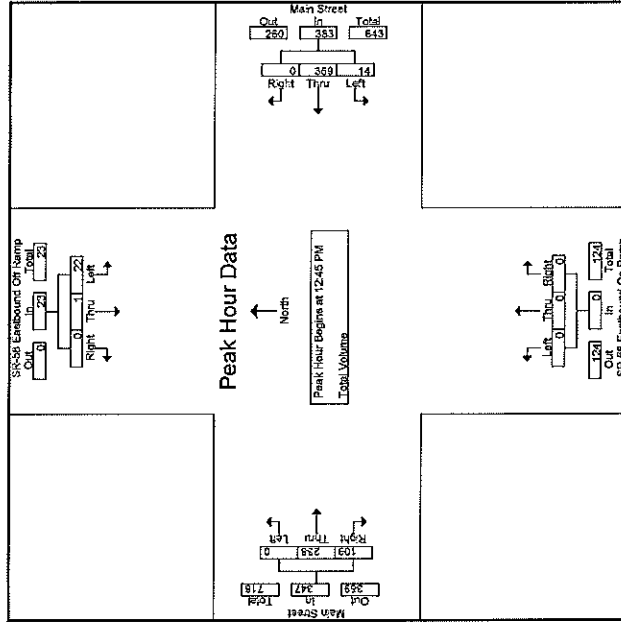
File Name : BAR58EMAMD
Site Code : 9036062
Start Date : 2/11/2009
Page No : 2

City of Barstow
N/S: SR-58 Eastbound Ramps
E/W: Main Street
Weather: Sunny

Groups Printed - Total Volumes

| Start Time | SR-58 Eastbound Off Ramp Southbound | | | Main Street Westbound | | | SR-58 Eastbound On Ramp Northbound | | | Main Street Eastbound | | |
|-------------|-------------------------------------|------|-------|-----------------------|------|-------|------------------------------------|------|-------|-----------------------|------|-------|
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right |
| 12:00 PM | 5 | 0 | 0 | 64 | 0 | 0 | 0 | 0 | 0 | 0 | 55 | 23 |
| 12:15 PM | 4 | 1 | 0 | 68 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 22 |
| 12:30 PM | 3 | 0 | 0 | 88 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 29 |
| 12:45 PM | 4 | 0 | 0 | 87 | 0 | 0 | 0 | 0 | 0 | 0 | 84 | 28 |
| Total | 16 | 1 | 0 | 305 | 0 | 0 | 0 | 0 | 0 | 0 | 217 | 103 |
| 01:00 PM | 5 | 0 | 0 | 93 | 0 | 0 | 0 | 0 | 0 | 0 | 75 | 31 |
| 01:15 PM | 4 | 1 | 0 | 88 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 25 |
| 01:30 PM | 9 | 0 | 0 | 101 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 24 |
| 01:45 PM | 3 | 0 | 1 | 87 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 27 |
| Total | 21 | 1 | 1 | 369 | 0 | 0 | 0 | 0 | 0 | 0 | 212 | 107 |
| Grand Total | 37 | 2 | 1 | 674 | 0 | 0 | 0 | 0 | 0 | 0 | 429 | 210 |
| Appmt % | 92.5 | 5 | 2.5 | 96.3 | 0 | 0 | 0 | 0 | 0 | 0 | 67.1 | 32.9 |
| Total % | 2.7 | 0.1 | 0.1 | 46.9 | 0 | 0 | 0 | 0 | 0 | 0 | 31.1 | 15.2 |

| Start Time | SR-58 Eastbound Off Ramp Southbound | | | Main Street Westbound | | | SR-58 Eastbound On Ramp Northbound | | | Main Street Eastbound | | |
|--------------|-------------------------------------|------|-------|-----------------------|------|-------|------------------------------------|------|-------|-----------------------|------|-------|
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right |
| 12:45 PM | 4 | 0 | 0 | 87 | 0 | 0 | 0 | 0 | 0 | 0 | 64 | 29 |
| 01:00 PM | 5 | 0 | 0 | 93 | 0 | 0 | 0 | 0 | 0 | 0 | 75 | 31 |
| 01:15 PM | 4 | 1 | 0 | 88 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 25 |
| 01:30 PM | 9 | 0 | 0 | 101 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 24 |
| Total Volume | 22 | 1 | 0 | 369 | 0 | 0 | 0 | 0 | 0 | 0 | 238 | 109 |
| % App. Total | 95.7 | 4.3 | 0 | 96.3 | 0 | 0 | 0 | 0 | 0 | 0 | 68.6 | 31.4 |
| PHF | .811 | .250 | .000 | .838 | .700 | .913 | .000 | .000 | .000 | .000 | .783 | .878 |



Peak Hour Analysis From 12:00 PM to 01:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

| | 12:45 PM | 01:00 PM | 12:00 PM | 12:30 PM |
|--------------|----------|----------|----------|----------|
| +0 mins. | 4 | 0 | 4 | 6 |
| +15 mins. | 5 | 0 | 5 | 2 |
| +30 mins. | 4 | 1 | 5 | 5 |
| +45 mins. | 9 | 0 | 9 | 4 |
| Total Volume | 22 | 1 | 23 | 18 |
| % App. Total | 95.7 | 4.3 | 95.8 | 95.8 |
| PHF | .811 | .250 | .838 | .878 |

Counts Unlimited Inc.
25288 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7834

File Name : BAR58EMAPM
Site Code : 9036062
Start Date : 2/11/2009
Page No : 1

City of Barstow
N/S: SR-58 Eastbound Ramps
E/W: Main Street
Weather: Sunny

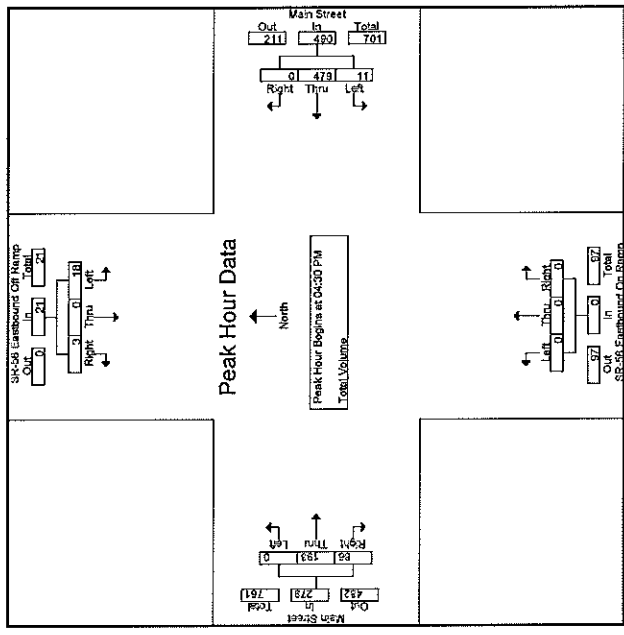
Counts Unlimited Inc.
25288 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7834

City of Barstow
N/S: SR-58 Eastbound Ramps
E/W: Main Street
Weather: Sunny

File Name : BAR58EMAPM
Site Code : 9036062
Start Date : 2/11/2009
Page No : 2

| Start Time | SR-58 Eastbound On Ramp | | | | | | | | | | | | Main Street | | | | | | |
|--------------------|-------------------------|------------|------------|------------|-------------|------------|-------------|------------|----------|-----------|----------|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | Southbound | | | Northbound | | | Eastbound | | | Westbound | | | Main Street | | | | | | |
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | |
| 04:00 PM | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:15 PM | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:30 PM | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 05:00 PM | 5 | 0 | 2 | 7 | 5 | 125 | 0 | 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 83 | 220 |
| 05:15 PM | 3 | 0 | 1 | 4 | 5 | 117 | 0 | 122 | 0 | 0 | 0 | 0 | 0 | 48 | 13 | 81 | 187 | 187 | 187 |
| 05:30 PM | 8 | 0 | 1 | 9 | 1 | 98 | 0 | 99 | 0 | 0 | 0 | 0 | 0 | 51 | 22 | 73 | 180 | 180 | 180 |
| 05:45 PM | 6 | 0 | 0 | 6 | 5 | 98 | 0 | 101 | 0 | 0 | 0 | 0 | 0 | 55 | 31 | 86 | 193 | 193 | 193 |
| Total | 22 | 0 | 3 | 25 | 18 | 438 | 0 | 452 | 0 | 0 | 0 | 0 | 0 | 205 | 98 | 303 | 780 | 780 | 780 |
| Grand Total | 43 | 1 | 3 | 47 | 29 | 844 | 0 | 873 | 0 | 0 | 0 | 0 | 0 | 389 | 168 | 587 | 1487 | 1487 | 1487 |
| Approach % | 81.5 | 2.1 | 6.4 | 3.3 | 88.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70.4 | 29.8 | 0 | 0 | 0 | 0 |
| Total % | 2.9 | 0.1 | 0.2 | 3.2 | 58.8 | 0 | 58.7 | 0 | 0 | 0 | 0 | 0 | 0 | 28.8 | 11.3 | 38.1 | 0 | 0 | 0 |

| Start Time | SR-58 Eastbound On Ramp | | | | | | | | | | | | Main Street | | | | | | |
|---------------------|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | Southbound | | | Northbound | | | Eastbound | | | Westbound | | | Main Street | | | | | | |
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:45 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 05:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 05:15 PM | 3 | 0 | 1 | 4 | 5 | 125 | 0 | 130 | 0 | 0 | 0 | 0 | 0 | 48 | 13 | 81 | 187 | 187 | 187 |
| Total Volume | 18 | 0 | 3 | 21 | 11 | 478 | 0 | 480 | 0 | 0 | 0 | 0 | 0 | 193 | 88 | 278 | 790 | 790 | 790 |
| % App. Total | 85.7 | 0 | 14.3 | 2.2 | 87.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 99.2 | 30.8 | 0 | 0 | 0 | 0 |
| PHF | .943 | .000 | .375 | .750 | .550 | .958 | .000 | .942 | .000 | .000 | .000 | .000 | .000 | .000 | .928 | .872 | .840 | .898 | .898 |



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

| | 04:00 PM | 04:30 PM | 04:45 PM | 05:00 PM | 05:15 PM | 05:30 PM | 05:45 PM | Total |
|---------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| +0 mins. | 7 | 0 | 0 | 7 | 1 | 115 | 0 | 125 |
| +15 mins. | 5 | 0 | 2 | 7 | 0 | 122 | 0 | 136 |
| +30 mins. | 3 | 0 | 1 | 4 | 5 | 128 | 0 | 141 |
| +45 mins. | 8 | 0 | 0 | 8 | 5 | 117 | 0 | 138 |
| Total Volume | 23 | 0 | 3 | 28 | 11 | 479 | 0 | 480 |
| % App. Total | 88.5 | 0 | 11.5 | 2.2 | 87.8 | 0 | 0 | 99.2 |
| PHF | .719 | .000 | .375 | .813 | .550 | .958 | .000 | .942 |

Counts Unlimited Inc.
25286 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7834

File Name : BARS8WMAMMD
Site Code : 9036077
Start Date : 2/11/2009
Page No : 2

City of Barstow
N/S: SR-58 Westbound Ramps
E/W: Main Street
Weather: Sunny

Counts Unlimited Inc.
25286 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7834

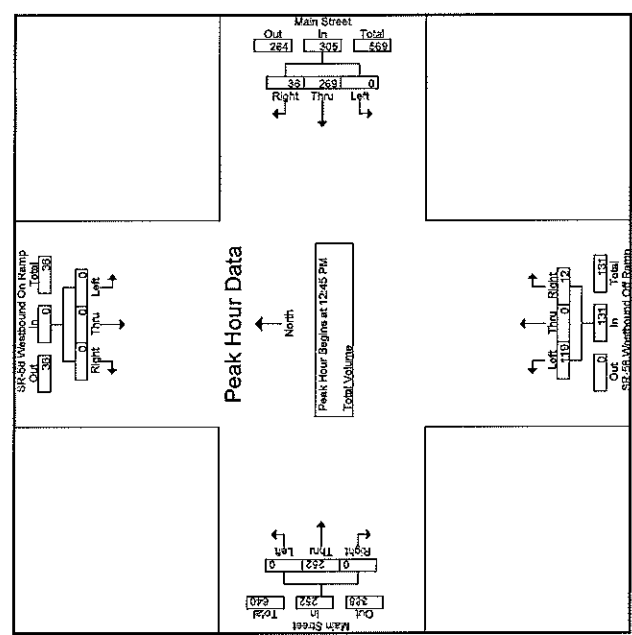
File Name : BARS8WMAMMD
Site Code : 9036077
Start Date : 2/11/2009
Page No : 1

City of Barstow
N/S: SR-58 Westbound Ramps
E/W: Main Street
Weather: Sunny

Groups Printed - Total Volume

| Start Time | SR-58 Westbound On Ramp | | | Main Street Westbound | | | SR-58 Westbound Off Ramp | | | Main Street Eastbound | | | Int. Total | |
|--------------------|-------------------------|----------|----------|-----------------------|-------------|-------------|--------------------------|-------------|------------|-----------------------|-------------|------------|-------------|------------|
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | | |
| 12:00 PM | 0 | 0 | 0 | 0 | 50 | 12 | 62 | 20 | 0 | 22 | 1 | 59 | 0 | 59 |
| 12:15 PM | 0 | 0 | 0 | 0 | 49 | 7 | 56 | 21 | 1 | 24 | 1 | 54 | 0 | 54 |
| 12:30 PM | 0 | 0 | 0 | 0 | 68 | 5 | 73 | 28 | 1 | 30 | 0 | 50 | 0 | 50 |
| 12:45 PM | 0 | 0 | 0 | 0 | 59 | 11 | 70 | 27 | 3 | 30 | 0 | 63 | 0 | 63 |
| Total | 0 | 0 | 0 | 0 | 226 | 35 | 261 | 98 | 2 | 106 | 2 | 224 | 0 | 226 |
| 01:00 PM | 0 | 0 | 0 | 0 | 75 | 8 | 83 | 32 | 0 | 4 | 36 | 0 | 77 | 196 |
| 01:15 PM | 0 | 0 | 0 | 0 | 57 | 7 | 64 | 30 | 0 | 2 | 32 | 0 | 55 | 151 |
| 01:30 PM | 0 | 0 | 0 | 0 | 78 | 10 | 88 | 30 | 0 | 3 | 33 | 0 | 57 | 178 |
| 01:45 PM | 0 | 0 | 0 | 0 | 60 | 5 | 65 | 26 | 0 | 2 | 28 | 0 | 36 | 129 |
| Total | 0 | 0 | 0 | 0 | 270 | 30 | 300 | 118 | 0 | 11 | 129 | 0 | 225 | 654 |
| Grand Total | 0 | 0 | 0 | 0 | 499 | 65 | 564 | 214 | 2 | 19 | 235 | 2 | 449 | 451 |
| Approach % | 0 | 0 | 0 | 0 | 88.4 | 11.0 | 45 | 17.2 | 0.2 | 1.5 | 18.8 | 0.4 | 98.6 | 0 |
| Total % | 0 | 0 | 0 | 0 | 38.5 | 5.2 | 45 | 17.2 | 0.2 | 1.5 | 18.8 | 0.2 | 38.2 | 0 |

| Start Time | SR-58 Westbound On Ramp | | | Main Street Westbound | | | SR-58 Westbound Off Ramp | | | Main Street Eastbound | | | Int. Total | |
|---------------------|-------------------------|-------------|-------------|-----------------------|-------------|-------------|--------------------------|-------------|-------------|-----------------------|-------------|-------------|-------------|-------------|
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | | |
| 12:00 PM | 0 | 0 | 0 | 0 | 59 | 11 | 70 | 27 | 0 | 3 | 30 | 0 | 63 | 163 |
| 12:15 PM | 0 | 0 | 0 | 0 | 75 | 8 | 83 | 32 | 0 | 4 | 36 | 0 | 77 | 196 |
| 12:30 PM | 0 | 0 | 0 | 0 | 57 | 7 | 64 | 30 | 0 | 2 | 32 | 0 | 55 | 151 |
| 12:45 PM | 0 | 0 | 0 | 0 | 78 | 10 | 88 | 30 | 0 | 3 | 33 | 0 | 57 | 178 |
| Total | 0 | 0 | 0 | 0 | 269 | 36 | 305 | 119 | 0 | 12 | 131 | 0 | 252 | 698 |
| % App. Total | 0 | 0 | 0 | 0 | 88.2 | 11.8 | 80.8 | 0.9 | 0.2 | 9.2 | 91.0 | 0 | 100 | 878 |
| PHF | .000 | .000 | .000 | .000 | .892 | .818 | .893 | .890 | .000 | .750 | .910 | .000 | .818 | .878 |



Peak Hour Analysis From 12:00 PM to 01:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

| | 12:00 PM | 12:45 PM | 12:45 PM | 12:45 PM | 12:45 PM |
|---------------------|-------------|-------------|-------------|-------------|-------------|
| +0 mins. | 0 | 0 | 0 | 59 | 11 |
| +15 mins. | 0 | 0 | 0 | 75 | 8 |
| +30 mins. | 0 | 0 | 0 | 57 | 7 |
| +45 mins. | 0 | 0 | 0 | 78 | 10 |
| Total Volume | 0 | 0 | 0 | 269 | 36 |
| % App. Total | 0 | 0 | 0 | 88.2 | 11.8 |
| PHF | .000 | .000 | .000 | .892 | .818 |
| | .000 | .000 | .000 | .890 | .900 |
| | .000 | .000 | .000 | .750 | .910 |
| | .000 | .000 | .000 | .818 | .878 |

Counts Unlimited Inc.
25286 Jaclyn Avenue
Moreno Valley, CA 92557
851-485-7834

File Name : BARS6WMAPM
Site Code : 9036077
Start Date : 2/11/2009
Page No : 2

City of Barstow
N/S: SR-58 Westbound Ramps
E/W: Main Street
Weather: Sunny

Counts Unlimited Inc.
25286 Jaclyn Avenue
Moreno Valley, CA 92557
851-485-7834

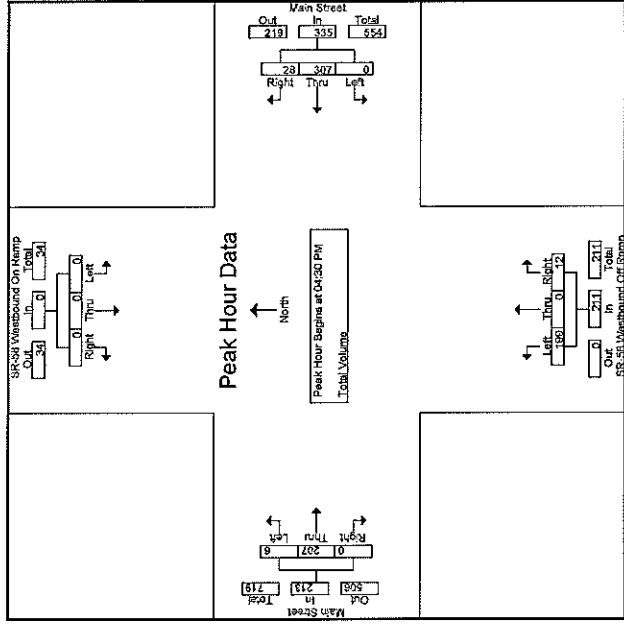
File Name : BARS6WMAPM
Site Code : 9036077
Start Date : 2/11/2009
Page No : 1

City of Barstow
N/S: SR-58 Westbound Ramps
E/W: Main Street
Weather: Sunny

Groups Printed - Total Volumes

| Start Time | SR-58 Westbound On Ramp | | | | Main Street Westbound | | | | SR-58 Westbound Off Ramp | | | | Main Street Eastbound | | | | In. Total |
|-------------|-------------------------|------|-------|------------|-----------------------|------|-------|------------|--------------------------|------|-------|------------|-----------------------|------|-------|------------|-----------|
| | Left | Thru | Right | Ann. Total | Left | Thru | Right | Ann. Total | Left | Thru | Right | Ann. Total | Left | Thru | Right | Ann. Total | |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 59 | 12 | 71 | 0 | 48 | 2 | 50 | 0 | 59 | 0 | 59 | 188 |
| 04:40 PM | 0 | 0 | 0 | 0 | 0 | 67 | 8 | 75 | 0 | 46 | 2 | 48 | 0 | 51 | 0 | 51 | 186 |
| 04:50 PM | 0 | 0 | 0 | 0 | 0 | 64 | 8 | 72 | 0 | 57 | 5 | 62 | 0 | 55 | 0 | 55 | 190 |
| 04:55 PM | 0 | 0 | 0 | 0 | 0 | 58 | 11 | 69 | 0 | 4 | 4 | 8 | 0 | 49 | 0 | 49 | 183 |
| Total | 0 | 0 | 0 | 0 | 0 | 250 | 39 | 289 | 182 | 14 | 206 | 2 | 210 | 0 | 212 | 707 | |
| 05:00 PM | 0 | 0 | 0 | 0 | 0 | 91 | 6 | 97 | 44 | 0 | 1 | 45 | 0 | 54 | 0 | 54 | 186 |
| 05:15 PM | 0 | 0 | 0 | 0 | 0 | 84 | 3 | 87 | 47 | 0 | 2 | 49 | 4 | 50 | 0 | 54 | 190 |
| 05:30 PM | 0 | 0 | 0 | 0 | 0 | 57 | 7 | 64 | 45 | 0 | 3 | 48 | 0 | 80 | 0 | 80 | 172 |
| 05:45 PM | 0 | 0 | 0 | 0 | 0 | 59 | 9 | 68 | 42 | 0 | 1 | 43 | 1 | 57 | 0 | 58 | 189 |
| Total | 0 | 0 | 0 | 0 | 0 | 281 | 25 | 316 | 178 | 0 | 7 | 185 | 5 | 221 | 0 | 226 | 727 |
| Grand Total | 0 | 0 | 0 | 0 | 0 | 541 | 64 | 605 | 370 | 0 | 21 | 391 | 7 | 431 | 0 | 438 | 1434 |
| Approach % | 0 | 0 | 0 | 0 | 0 | 88.4 | 10.5 | 98.9 | 84.8 | 0 | 5.4 | 1.6 | 98.4 | 0 | 30.1 | 0 | 30.5 |
| Total % | 0 | 0 | 0 | 0 | 0 | 37.7 | 4.5 | 42.2 | 25.8 | 0 | 1.5 | 27.3 | 0.5 | 30.1 | 0 | 30.5 | |

| Start Time | SR-58 Westbound On Ramp | | | | Main Street Westbound | | | | SR-58 Westbound Off Ramp | | | | Main Street Eastbound | | | | In. Total |
|--------------|-------------------------|------|-------|------------|-----------------------|------|-------|------------|--------------------------|------|-------|------------|-----------------------|------|-------|------------|-----------|
| | Left | Thru | Right | Ann. Total | Left | Thru | Right | Ann. Total | Left | Thru | Right | Ann. Total | Left | Thru | Right | Ann. Total | |
| 04:30 PM | 0 | 0 | 0 | 0 | 0 | 84 | 8 | 92 | 57 | 0 | 5 | 62 | 1 | 65 | 0 | 65 | 180 |
| 04:40 PM | 0 | 0 | 0 | 0 | 0 | 68 | 11 | 79 | 51 | 0 | 4 | 55 | 1 | 48 | 0 | 49 | 183 |
| 04:50 PM | 0 | 0 | 0 | 0 | 0 | 91 | 6 | 97 | 44 | 0 | 1 | 45 | 0 | 54 | 0 | 54 | 196 |
| 05:00 PM | 0 | 0 | 0 | 0 | 0 | 84 | 3 | 87 | 47 | 0 | 2 | 49 | 4 | 50 | 0 | 54 | 190 |
| 05:15 PM | 0 | 0 | 0 | 0 | 0 | 307 | 28 | 335 | 189 | 0 | 12 | 211 | 6 | 207 | 0 | 213 | 759 |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 916 | 84 | 1000 | 843 | 0 | 5.7 | 848.7 | 2.8 | 97.2 | 0 | 98.0 | 958 |
| % App. Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 84.3 | 8.36 | 88.3 | 87.3 | 0.00 | 6.00 | 85.1 | 3.75 | 94.1 | 0.00 | 95.1 | 95.8 |



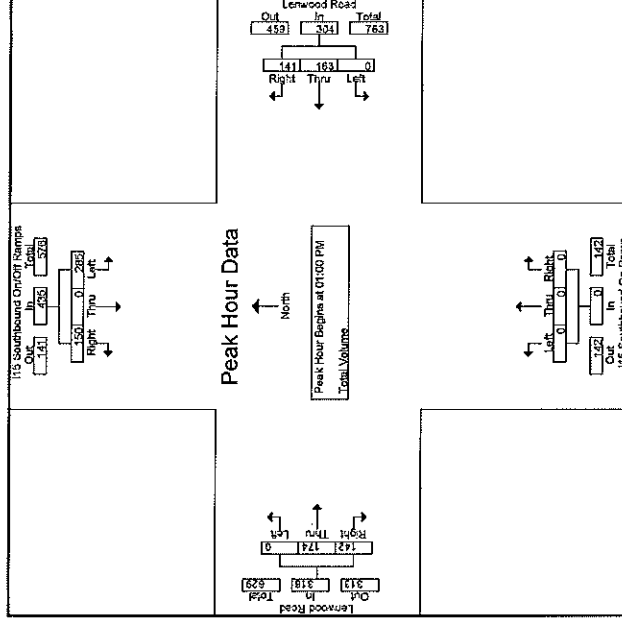
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

| | 04:00 PM | 04:30 PM | 04:40 PM | 04:50 PM | 05:00 PM | 05:15 PM | 05:30 PM | 05:45 PM |
|--------------|----------|----------|----------|----------|----------|----------|----------|----------|
| +0 mins. | 0 | 0 | 0 | 0 | 84 | 8 | 84 | 8 |
| +15 mins. | 0 | 0 | 0 | 0 | 68 | 11 | 79 | 51 |
| +30 mins. | 0 | 0 | 0 | 0 | 91 | 6 | 97 | 44 |
| +45 mins. | 0 | 0 | 0 | 0 | 84 | 3 | 87 | 47 |
| Total Volume | 0 | 0 | 0 | 0 | 307 | 28 | 335 | 189 |
| % App. Total | 0.00 | 0.00 | 0.00 | 0.00 | 91.6 | 8.4 | 94.3 | 94.3 |
| PHF | 0.00 | 0.00 | 0.00 | 0.00 | 843 | 8.36 | 883 | 87.3 |
| | | | | | 851 | 6.00 | 851 | 313 |
| | | | | | 971 | 0.00 | 971 | 0.00 |
| | | | | | 981 | 0.00 | 981 | 0.00 |

Groups Printed: Total Volume

| Start Time | 115 Southbound On/Off Ramps | | | Lenwood Road Westbound | | | 115 Southbound On Ramp Northbound | | | Lenwood Road Eastbound | | |
|-------------|-----------------------------|------|-------|------------------------|------|-------|-----------------------------------|------|-------|------------------------|------|-------|
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right |
| 12:00 PM | 87 | 0 | 40 | 127 | 0 | 42 | 38 | 80 | 0 | 0 | 41 | 36 |
| 12:15 PM | 82 | 0 | 37 | 119 | 0 | 30 | 29 | 56 | 0 | 0 | 40 | 21 |
| 12:30 PM | 60 | 0 | 28 | 88 | 0 | 43 | 31 | 74 | 0 | 0 | 45 | 24 |
| 12:45 PM | 78 | 0 | 27 | 105 | 0 | 37 | 28 | 65 | 0 | 0 | 49 | 27 |
| Total | 307 | 0 | 132 | 439 | 0 | 152 | 128 | 278 | 0 | 0 | 175 | 108 |
| 01:00 PM | 57 | 0 | 16 | 73 | 0 | 50 | 15 | 65 | 0 | 0 | 51 | 30 |
| 01:15 PM | 54 | 0 | 49 | 103 | 0 | 39 | 38 | 77 | 0 | 0 | 48 | 43 |
| 01:30 PM | 86 | 0 | 32 | 118 | 0 | 40 | 40 | 80 | 0 | 0 | 32 | 36 |
| 01:45 PM | 88 | 0 | 53 | 141 | 0 | 34 | 48 | 82 | 0 | 0 | 43 | 33 |
| Total | 285 | 0 | 150 | 435 | 0 | 163 | 141 | 304 | 0 | 0 | 174 | 142 |
| Grand Total | 592 | 0 | 282 | 874 | 0 | 315 | 267 | 582 | 0 | 0 | 349 | 250 |
| Approach % | 67.7 | 0 | 32.3 | 42.5 | 0 | 54.1 | 45.9 | 28.3 | 0 | 0 | 58.3 | 41.7 |
| Total % | 26.8 | 0 | 13.7 | 42.5 | 0 | 15.3 | 13 | 28.3 | 0 | 0 | 17 | 12.2 |

| Start Time | 115 Southbound On/Off Ramps | | | Lenwood Road Westbound | | | 115 Southbound On Ramp Northbound | | | Lenwood Road Eastbound | | |
|-------------|-----------------------------|------|-------|------------------------|------|-------|-----------------------------------|------|-------|------------------------|------|-------|
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right |
| 12:00 PM | 87 | 0 | 40 | 127 | 0 | 42 | 38 | 80 | 0 | 0 | 41 | 36 |
| 12:15 PM | 82 | 0 | 37 | 119 | 0 | 30 | 29 | 56 | 0 | 0 | 40 | 21 |
| 12:30 PM | 60 | 0 | 28 | 88 | 0 | 43 | 31 | 74 | 0 | 0 | 45 | 24 |
| 12:45 PM | 78 | 0 | 27 | 105 | 0 | 37 | 28 | 65 | 0 | 0 | 49 | 27 |
| Total | 307 | 0 | 132 | 439 | 0 | 152 | 128 | 278 | 0 | 0 | 175 | 108 |
| 01:00 PM | 57 | 0 | 16 | 73 | 0 | 50 | 15 | 65 | 0 | 0 | 51 | 30 |
| 01:15 PM | 54 | 0 | 49 | 103 | 0 | 39 | 38 | 77 | 0 | 0 | 48 | 43 |
| 01:30 PM | 86 | 0 | 32 | 118 | 0 | 40 | 40 | 80 | 0 | 0 | 32 | 36 |
| 01:45 PM | 88 | 0 | 53 | 141 | 0 | 34 | 48 | 82 | 0 | 0 | 43 | 33 |
| Total | 285 | 0 | 150 | 435 | 0 | 163 | 141 | 304 | 0 | 0 | 174 | 142 |
| Grand Total | 592 | 0 | 282 | 874 | 0 | 315 | 267 | 582 | 0 | 0 | 349 | 250 |
| Approach % | 67.7 | 0 | 32.3 | 42.5 | 0 | 54.1 | 45.9 | 28.3 | 0 | 0 | 58.3 | 41.7 |
| Total % | 26.8 | 0 | 13.7 | 42.5 | 0 | 15.3 | 13 | 28.3 | 0 | 0 | 17 | 12.2 |



Peak Hour Analysis From 12:00 PM to 01:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

| | 12:00 PM | 12:30 PM | 01:00 PM | 12:00 PM | 12:30 PM |
|--------------|----------|----------|----------|----------|----------|
| +0 mins. | 87 | 0 | 40 | 127 | 0 |
| +15 mins. | 82 | 0 | 37 | 119 | 0 |
| +30 mins. | 60 | 0 | 28 | 88 | 0 |
| +45 mins. | 78 | 0 | 27 | 105 | 0 |
| Total Volume | 307 | 0 | 132 | 439 | 0 |
| % App. Total | 69.9 | 0 | 30.1 | 59.6 | 46.4 |
| PHF | .882 | .000 | .895 | .884 | .000 |
| | .815 | .734 | .927 | .000 | .000 |
| | .946 | .721 | .871 | | |

Counts Unlimited Inc.
25286 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7934

File Name : BAR15SLEPM
Site Code : 9036094
Start Date : 2/10/2009
Page No : 2

City of Barstow
N/S: I15 Southbound Ramps
E/W: Lenwood Road
Weather: Sunny

Counts Unlimited Inc.
25286 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7934

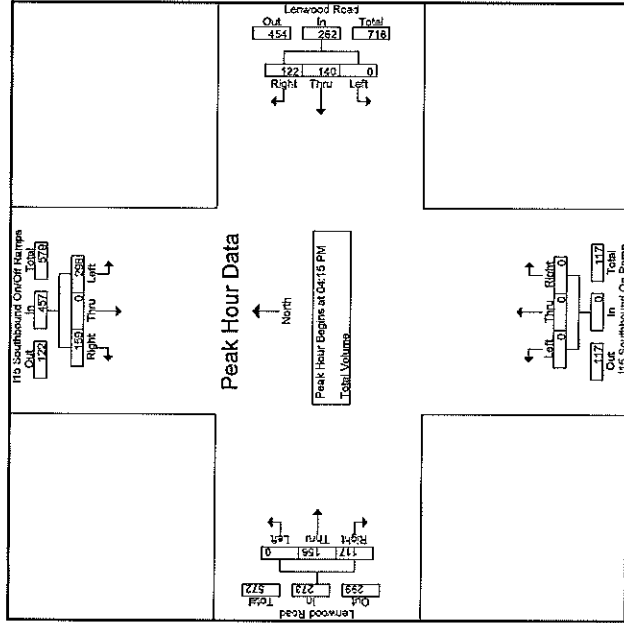
File Name : BAR15SLEPM
Site Code : 9036094
Start Date : 2/10/2009
Page No : 1

City of Barstow
N/S: I15 Southbound Ramps
E/W: Lenwood Road
Weather: Sunny

Groups Printed - Total Volume

| Start Time | I15 Southbound On/Off Ramps | | | Lenwood Road Westbound | | | I15 Southbound On Ramp Northbound | | | Lenwood Road Eastbound | | | Int. Total | | |
|-------------|-----------------------------|------|-------|------------------------|------|-------|-----------------------------------|------|-------|------------------------|------|-------|------------|------|------|
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | | | |
| 04:00 PM | 73 | 0 | 32 | 105 | 0 | 36 | 25 | 61 | 0 | 0 | 0 | 40 | 30 | 70 | 230 |
| 04:15 PM | 76 | 0 | 39 | 115 | 0 | 34 | 32 | 66 | 0 | 0 | 0 | 44 | 28 | 72 | 253 |
| 04:30 PM | 80 | 0 | 32 | 112 | 0 | 46 | 37 | 83 | 0 | 0 | 0 | 41 | 27 | 68 | 293 |
| 04:45 PM | 81 | 0 | 41 | 122 | 0 | 24 | 24 | 48 | 0 | 0 | 0 | 36 | 28 | 64 | 234 |
| Total | 310 | 0 | 144 | 454 | 0 | 140 | 118 | 258 | 0 | 0 | 0 | 151 | 113 | 274 | 888 |
| Grand Total | 574 | 0 | 282 | 856 | 0 | 280 | 223 | 503 | 0 | 0 | 0 | 318 | 221 | 539 | 1895 |
| Approach % | 66.9 | 0 | 33.1 | 45.4 | 0 | 55.7 | 44.3 | 28.5 | 0 | 0 | 0 | 59 | 41 | 28.4 | |
| Total % | 30.1 | 0 | 14.9 | 45 | 0 | 14.8 | 11.8 | 28.5 | 0 | 0 | 0 | 16.8 | 11.7 | 28.4 | |

| Start Time | I15 Southbound On/Off Ramps | | | Lenwood Road Westbound | | | I15 Southbound On Ramp Northbound | | | Lenwood Road Eastbound | | | Int. Total | | |
|--------------|-----------------------------|------|-------|------------------------|------|-------|-----------------------------------|------|-------|------------------------|------|-------|------------|------|-----|
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | | | |
| 04:00 PM | 76 | 0 | 39 | 115 | 0 | 34 | 32 | 66 | 0 | 0 | 0 | 44 | 28 | 72 | 253 |
| 04:15 PM | 80 | 0 | 32 | 112 | 0 | 46 | 37 | 83 | 0 | 0 | 0 | 41 | 27 | 68 | 263 |
| 04:30 PM | 81 | 0 | 41 | 122 | 0 | 24 | 24 | 48 | 0 | 0 | 0 | 36 | 28 | 64 | 234 |
| 04:45 PM | 81 | 0 | 47 | 128 | 0 | 38 | 29 | 65 | 0 | 0 | 0 | 35 | 34 | 69 | 242 |
| Total Volume | 298 | 0 | 159 | 457 | 0 | 140 | 122 | 262 | 0 | 0 | 0 | 156 | 117 | 273 | 892 |
| % App. Total | 65.2 | 0 | 34.8 | 45.4 | 0 | 53.4 | 46.6 | 28.5 | 0 | 0 | 0 | 57.1 | 42.9 | 28.4 | |
| PHF | .920 | .000 | .846 | .936 | .000 | .781 | .823 | .789 | .000 | .000 | .000 | .896 | .860 | .843 | |



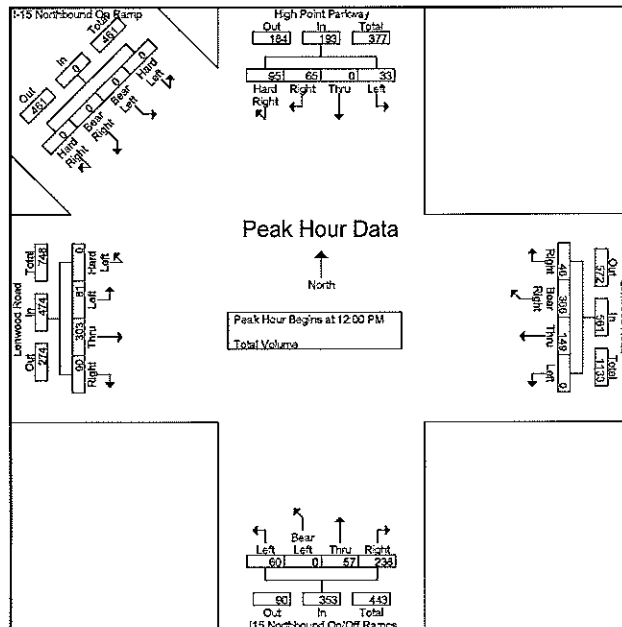
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

| | 04:15 PM | 04:30 PM | 04:45 PM | 04:00 PM | 04:15 PM | 04:30 PM | 04:45 PM | 04:00 PM |
|--------------|----------|----------|----------|----------|----------|----------|----------|----------|
| +0 mins. | 78 | 0 | 39 | 115 | 0 | 34 | 32 | 66 |
| +15 mins. | 80 | 0 | 32 | 112 | 0 | 46 | 37 | 83 |
| +30 mins. | 81 | 0 | 41 | 122 | 0 | 24 | 24 | 48 |
| +45 mins. | 81 | 0 | 47 | 128 | 0 | 38 | 29 | 65 |
| Total Volume | 288 | 0 | 159 | 457 | 0 | 140 | 122 | 262 |
| % App. Total | 65.2 | 0 | 34.8 | 45.4 | 0 | 53.4 | 46.6 | 28.5 |
| PHF | .920 | .000 | .846 | .936 | .000 | .781 | .823 | .789 |

Groups Printed- Total Volume

| Start Time | High Point Parkway Southbound | | | | | Lenwood Road Westbound | | | | | I15 Northbound On/Off Ramps Northbound | | | | | Lenwood Road Eastbound | | | | | I-15 Northbound On Ramp Southeastbound | | | | | Int. Total |
|-------------|-------------------------------|------|-------|------|------------|------------------------|------|-------|------------|------|--|-------|------------|------|------|------------------------|------------|------|------|-------|--|------------|---|---|------|------------|
| | Left | Thru | Right | Left | App. Total | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | Int. Total | | | | |
| 12:00 PM | 7 | 0 | 23 | 32 | 59 | 0 | 44 | 79 | 18 | 139 | 10 | 0 | 16 | 67 | 93 | 0 | 32 | 69 | 26 | 127 | 0 | 0 | 0 | 0 | 418 | |
| 12:15 PM | 9 | 0 | 16 | 21 | 46 | 0 | 26 | 84 | 11 | 121 | 17 | 0 | 18 | 57 | 92 | 0 | 17 | 72 | 25 | 114 | 0 | 0 | 0 | 0 | 373 | |
| 12:30 PM | 10 | 0 | 11 | 23 | 44 | 0 | 46 | 83 | 11 | 140 | 17 | 0 | 11 | 57 | 85 | 0 | 13 | 81 | 18 | 112 | 0 | 0 | 0 | 0 | 381 | |
| 12:45 PM | 7 | 0 | 18 | 19 | 44 | 0 | 33 | 120 | 8 | 161 | 16 | 0 | 12 | 55 | 83 | 0 | 19 | 81 | 21 | 121 | 0 | 0 | 0 | 0 | 409 | |
| Total | 33 | 0 | 65 | 95 | 193 | 0 | 149 | 366 | 46 | 561 | 60 | 0 | 57 | 236 | 353 | 0 | 81 | 303 | 90 | 474 | 0 | 0 | 0 | 0 | 1581 | |
| 01:00 PM | 1 | 0 | 15 | 27 | 43 | 0 | 42 | 64 | 11 | 117 | 15 | 0 | 22 | 49 | 66 | 0 | 21 | 53 | 21 | 95 | 0 | 0 | 0 | 0 | 341 | |
| 01:15 PM | 3 | 0 | 19 | 23 | 45 | 0 | 45 | 80 | 11 | 136 | 14 | 0 | 15 | 60 | 89 | 0 | 20 | 61 | 30 | 111 | 0 | 0 | 0 | 0 | 381 | |
| 01:30 PM | 10 | 0 | 11 | 23 | 44 | 0 | 38 | 84 | 12 | 134 | 18 | 0 | 13 | 52 | 83 | 0 | 30 | 72 | 15 | 117 | 0 | 0 | 0 | 0 | 387 | |
| 01:45 PM | 6 | 0 | 16 | 35 | 57 | 0 | 43 | 77 | 9 | 129 | 18 | 0 | 15 | 35 | 68 | 0 | 36 | 73 | 19 | 128 | 0 | 0 | 0 | 0 | 382 | |
| Total | 20 | 0 | 66 | 112 | 198 | 0 | 168 | 305 | 43 | 516 | 65 | 0 | 65 | 196 | 326 | 0 | 107 | 259 | 85 | 451 | 0 | 0 | 0 | 0 | 1491 | |
| Grand Total | 53 | 0 | 131 | 207 | 391 | 0 | 317 | 671 | 89 | 1077 | 125 | 0 | 122 | 432 | 679 | 0 | 188 | 562 | 175 | 925 | 0 | 0 | 0 | 0 | 3072 | |
| Approch % | 13.6 | 0 | 33.5 | 52.9 | | 0 | 29.4 | 62.3 | 8.3 | | 18.4 | 0 | 18 | 63.6 | | 0 | 20.3 | 60.8 | 18.9 | | 0 | 0 | 0 | 0 | | |
| Total % | 1.7 | 0 | 4.3 | 6.7 | 12.7 | 0 | 10.3 | 21.8 | 2.9 | 35.1 | 4.1 | 0 | 4 | 14.1 | 22.1 | 0 | 6.1 | 18.3 | 5.7 | 30.1 | 0 | 0 | 0 | 0 | 0 | |

| Start Time | High Point Parkway Southbound | | | | | Lenwood Road Westbound | | | | | I15 Northbound On/Off Ramps Northbound | | | | | Lenwood Road Eastbound | | | | | I-15 Northbound On Ramp Southeastbound | | | | | Int. Total |
|--|-------------------------------|------|-------|------|------------|------------------------|------|-------|------------|------|--|-------|------------|------|------|------------------------|------------|------|------|-------|--|------------|------|------|------|------------|
| | Left | Thru | Right | Left | App. Total | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | Int. Total | | | | |
| Peak Hour Analysis From 12:00 PM to 01:45 PM - Peak 1 of 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 12:00 PM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12:00 PM | 7 | 0 | 23 | 32 | 59 | 0 | 44 | 79 | 18 | 139 | 10 | 0 | 16 | 67 | 93 | 0 | 32 | 69 | 26 | 127 | 0 | 0 | 0 | 0 | 418 | |
| 12:15 PM | 9 | 0 | 16 | 21 | 46 | 0 | 26 | 84 | 11 | 121 | 17 | 0 | 18 | 57 | 92 | 0 | 17 | 72 | 25 | 114 | 0 | 0 | 0 | 0 | 373 | |
| 12:30 PM | 10 | 0 | 11 | 23 | 44 | 0 | 46 | 83 | 11 | 140 | 17 | 0 | 11 | 57 | 85 | 0 | 13 | 81 | 18 | 112 | 0 | 0 | 0 | 0 | 381 | |
| 12:45 PM | 7 | 0 | 18 | 19 | 44 | 0 | 33 | 120 | 8 | 161 | 16 | 0 | 12 | 55 | 83 | 0 | 19 | 81 | 21 | 121 | 0 | 0 | 0 | 0 | 409 | |
| Total Volume | 33 | 0 | 65 | 95 | 193 | 0 | 149 | 366 | 46 | 561 | 60 | 0 | 57 | 236 | 353 | 0 | 81 | 303 | 90 | 474 | 0 | 0 | 0 | 0 | 1581 | |
| % App. Total | 17.1 | 0 | 33.7 | 49.2 | | 0 | 26.6 | 65.2 | 8.2 | | 17 | 0 | 16.1 | 66.9 | | 0 | 17.1 | 63.9 | 19 | | 0 | 0 | 0 | 0 | | |
| PHF | .825 | .000 | .613 | .742 | .818 | .000 | .810 | .763 | .719 | .871 | .882 | .000 | .792 | .881 | .949 | .000 | .633 | .935 | .885 | .933 | .000 | .000 | .000 | .000 | .846 | |



City of Barstow
N/S: I-15 NB Ramps/High Point Pkwy
E/W: Lenwood Road
Weather: Sunny

File Name : BAR15NLEMD
Site Code : 9036081
Start Date : 2/10/2009
Page No : 3

| Start Time | High Point Parkway Southbound | | | | | Lenwood Road Westbound | | | | | I-15 Northbound On/Off Ramps Northbound | | | | | Lenwood Road Eastbound | | | | | I-15 Northbound On Ramp Southeastbound | | | | | Int. Total | |
|--|-------------------------------|------|-------|------------|------------|------------------------|------|------------|-------|------------|---|-----------|------|-------|------------|------------------------|------|------|-------|------------|--|-----------|------------|------------|------|------------|---|
| | Left | Thru | Right | Percentage | App. Total | Left | Thru | Percentage | Right | App. Total | Left | Base Left | Thru | Right | App. Total | Percentage | Left | Thru | Right | App. Total | Percentage | Base Left | Percentage | App. Total | | | |
| Peak Hour Analysis From 12:00 PM to 01:45 PM - Peak 1 of 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak Hour for Each Approach Begins at: | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 12:00 PM | | | | | 12:30 PM | | | | | 12:00 PM | | | | | 12:30 PM | | | | | | | | | | | |
| +0 mins. | 1 | 0 | 15 | 27 | 43 | 0 | 44 | 79 | 16 | 139 | 10 | 0 | 16 | 67 | 93 | 0 | 32 | 69 | 26 | 127 | 0 | 0 | 0 | 0 | 0 | 0 | |
| +15 mins. | 3 | 0 | 19 | 23 | 45 | 0 | 26 | 84 | 11 | 121 | 17 | 0 | 18 | 57 | 92 | 0 | 17 | 72 | 25 | 114 | 0 | 0 | 0 | 0 | 0 | 0 | |
| +30 mins. | 10 | 0 | 16 | 27 | 53 | 0 | 46 | 83 | 11 | 140 | 17 | 0 | 11 | 57 | 85 | 0 | 13 | 81 | 18 | 112 | 0 | 0 | 0 | 0 | 0 | 0 | |
| +45 mins. | 6 | 0 | 16 | 35 | 67 | 0 | 33 | 120 | 8 | 161 | 16 | 0 | 12 | 55 | 83 | 0 | 19 | 81 | 21 | 121 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Total Volume | 20 | 0 | 66 | 112 | 198 | 0 | 149 | 366 | 46 | 561 | 60 | 0 | 57 | 236 | 353 | 0 | 81 | 303 | 90 | 474 | 0 | 0 | 0 | 0 | 0 | 0 | |
| % App. Total | 10.1 | 0 | 33.3 | 56.6 | 0 | 26.6 | 85.2 | 8.2 | 17 | 0 | 16.1 | 66.9 | 0 | 17.1 | 63.9 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PHF | .600 | .000 | .888 | .860 | .688 | .000 | .810 | .763 | .719 | .871 | .882 | .000 | .792 | .881 | .949 | .000 | .633 | .935 | .885 | .933 | .000 | .000 | .000 | .000 | .000 | .000 | |

City of Barstow
N/S: I-15 NB Ramps/High Point Pkwy
E/W: Lenwood Road
Weather: Sunny

File Name : BAR15NLEPM
Site Code : 9036081
Start Date : 2/10/2009
Page No : 1

Groups Printed: Total Volume

| Start Time | High Point Parkway Southbound | | | | | Lenwood Road Westbound | | | | | I-15 Northbound On/Off Ramps Northbound | | | | | Lenwood Road Eastbound | | | | | I-15 Northbound On Ramp Southeastbound | | | | | Int. Total | |
|-------------|-------------------------------|------|-------|------------|------------|------------------------|------|------------|-------|------------|---|-----------|------|-------|------------|------------------------|------|------|-------|------------|--|-----------|------------|------------|---|------------|---|
| | Left | Thru | Right | Percentage | App. Total | Left | Thru | Percentage | Right | App. Total | Left | Base Left | Thru | Right | App. Total | Percentage | Left | Thru | Right | App. Total | Percentage | Base Left | Percentage | App. Total | | | |
| 04:00 PM | 8 | 0 | 15 | 25 | 43 | 0 | 33 | 71 | 8 | 112 | 18 | 0 | 17 | 36 | 71 | 0 | 27 | 73 | 21 | 121 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 04:15 PM | 5 | 0 | 15 | 18 | 38 | 0 | 38 | 61 | 14 | 113 | 12 | 0 | 13 | 41 | 66 | 0 | 22 | 69 | 18 | 109 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 04:30 PM | 6 | 0 | 17 | 20 | 43 | 0 | 34 | 64 | 5 | 103 | 21 | 0 | 14 | 35 | 70 | 0 | 22 | 71 | 19 | 112 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 04:45 PM | 10 | 0 | 11 | 17 | 38 | 0 | 29 | 57 | 7 | 93 | 7 | 0 | 10 | 29 | 46 | 0 | 21 | 80 | 18 | 119 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Total | 29 | 0 | 58 | 80 | 167 | 0 | 134 | 253 | 34 | 421 | 58 | 0 | 54 | 141 | 253 | 0 | 92 | 293 | 76 | 461 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 05:00 PM | 4 | 0 | 9 | 15 | 28 | 0 | 35 | 70 | 6 | 111 | 17 | 0 | 16 | 23 | 56 | 0 | 18 | 63 | 13 | 94 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 05:15 PM | 5 | 0 | 15 | 24 | 44 | 0 | 37 | 53 | 6 | 96 | 20 | 0 | 16 | 29 | 65 | 0 | 28 | 54 | 18 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 05:30 PM | 5 | 0 | 8 | 26 | 39 | 0 | 24 | 83 | 13 | 100 | 14 | 0 | 15 | 31 | 60 | 0 | 18 | 69 | 16 | 103 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 05:45 PM | 5 | 0 | 8 | 18 | 31 | 0 | 42 | 47 | 11 | 100 | 18 | 0 | 12 | 27 | 57 | 0 | 25 | 70 | 17 | 112 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Total | 19 | 0 | 40 | 83 | 142 | 0 | 138 | 233 | 36 | 407 | 69 | 0 | 59 | 110 | 238 | 0 | 89 | 256 | 64 | 409 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Grand Total | 48 | 0 | 98 | 163 | 309 | 0 | 272 | 486 | 70 | 828 | 127 | 0 | 113 | 251 | 491 | 0 | 181 | 549 | 140 | 870 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Approach % | 15.5 | 0 | 31.7 | 62.8 | 0 | 32.9 | 58.7 | 8.5 | 25.9 | 0 | 23 | 51.1 | 0 | 20.8 | 83.1 | 16.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total % | 1.9 | 0 | 3.9 | 6.5 | 12.4 | 0 | 10.9 | 19.5 | 2.8 | 33.1 | 5.1 | 0 | 4.5 | 10 | 19.7 | 0 | 7.2 | 22 | 5.6 | 34.8 | 0 | 0 | 0 | 0 | 0 | 0 | |

| Start Time | High Point Parkway Southbound | | | | | Lenwood Road Westbound | | | | | I-15 Northbound On/Off Ramps Northbound | | | | | Lenwood Road Eastbound | | | | | I-15 Northbound On Ramp Southeastbound | | | | | Int. Total | |
|--|-------------------------------|------|-------|------------|------------|------------------------|------|------------|-------|------------|---|-----------|------|-------|------------|------------------------|------|------|-------|------------|--|-----------|------------|------------|------|------------|---|
| | Left | Thru | Right | Percentage | App. Total | Left | Thru | Percentage | Right | App. Total | Left | Base Left | Thru | Right | App. Total | Percentage | Left | Thru | Right | App. Total | Percentage | Base Left | Percentage | App. Total | | | |
| Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak Hour for Entire Intersection Begins at 04:00 PM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 04:00 PM | 8 | 0 | 15 | 25 | 43 | 0 | 33 | 71 | 8 | 112 | 18 | 0 | 17 | 36 | 71 | 0 | 27 | 73 | 21 | 121 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 04:15 PM | 5 | 0 | 15 | 18 | 38 | 0 | 38 | 61 | 14 | 113 | 12 | 0 | 13 | 41 | 66 | 0 | 22 | 69 | 18 | 109 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 04:30 PM | 6 | 0 | 17 | 20 | 43 | 0 | 34 | 64 | 5 | 103 | 21 | 0 | 14 | 35 | 70 | 0 | 22 | 71 | 19 | 112 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 04:45 PM | 10 | 0 | 11 | 17 | 38 | 0 | 29 | 57 | 7 | 93 | 7 | 0 | 10 | 29 | 46 | 0 | 21 | 80 | 18 | 119 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Total Volume | 29 | 0 | 58 | 80 | 167 | 0 | 134 | 253 | 34 | 421 | 58 | 0 | 54 | 141 | 253 | 0 | 92 | 293 | 76 | 461 | 0 | 0 | 0 | 0 | 0 | 0 | |
| % App. Total | 17.4 | 0 | 34.7 | 47.9 | 0 | 31.8 | 60.1 | 8.1 | 22.9 | 0 | 21.3 | 55.7 | 0 | 20 | 63.6 | 16.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PHF | .725 | .000 | .853 | .800 | .870 | .000 | .882 | .891 | .807 | .931 | .690 | .000 | .794 | .860 | .891 | .000 | .852 | .916 | .895 | .952 | .000 | .000 | .000 | .000 | .000 | .000 | |

Counts Unlimited Inc.
25288 Jaclyn Avenue
Monro Valley, CA 92557
951-485-7834

File Name : BART1550C0MD
Site Code : 9036094
Start Date : 2/10/2009
Page No : 2

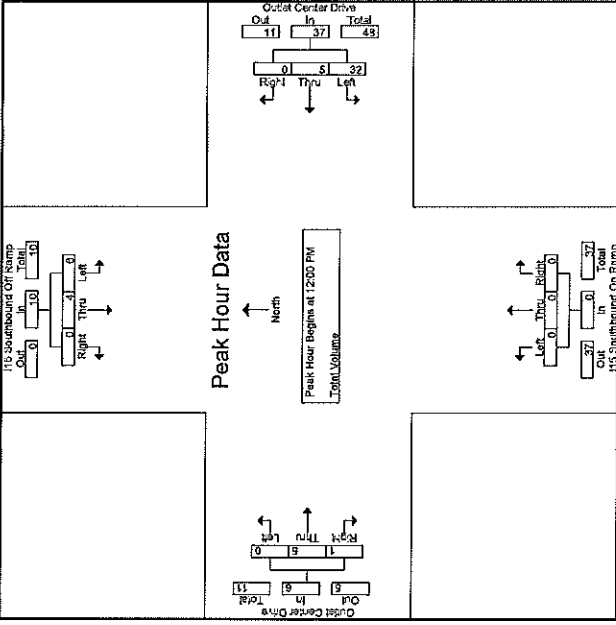
City of Barstow
NIS: 115 Southbound Ramps
EW: Outlet Center Drive
Weather: Sunny

Counts Unlimited Inc.
25288 Jaclyn Avenue
Monro Valley, CA 92557
951-485-7834

File Name : BART1550C0MD
Site Code : 9036094
Start Date : 2/10/2009
Page No : 1

City of Barstow
NIS: 115 Southbound Ramps
EW: Outlet Center Drive
Weather: Sunny

| Start Time | 115 Southbound Off Ramp | | | | | | Outlet Center Drive | | | | | | 115 Southbound On Ramp | | | | | | Outlet Center Drive | | | | | | |
|-------------|-------------------------|------|-------|------|------|-------|---------------------|------|-------|------|------|-------|------------------------|------|-------|------|------|-------|---------------------|------|-------|------|------|-------|---|
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | |
| 12:00 PM | 1 | 0 | 0 | 2 | 15 | 2 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:15 PM | 2 | 1 | 0 | 3 | 9 | 2 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:30 PM | 3 | 1 | 0 | 4 | 3 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:45 PM | 0 | 1 | 0 | 1 | 5 | 1 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 6 | 4 | 0 | 10 | 32 | 5 | 0 | 0 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 01:00 PM | 0 | 1 | 0 | 1 | 11 | 1 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 01:15 PM | 0 | 1 | 0 | 1 | 9 | 2 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 01:30 PM | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 01:45 PM | 0 | 0 | 0 | 0 | 6 | 2 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 1 | 2 | 0 | 3 | 32 | 5 | 0 | 0 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Grand Total | 7 | 6 | 0 | 13 | 64 | 10 | 0 | 0 | 74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Approach % | 53.8 | 46.2 | 0 | 86.5 | 13.5 | 0 | 0 | 0 | 90.9 | 9.1 | 11.2 | | | | | | | | | | | | | | |
| Total % | 7.1 | 6.1 | 0 | 13.3 | 65.3 | 10.2 | 0 | 0 | 75.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



Peak Hour Analysis From 12:00 PM to 01:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at

| Start Time | 12:00 PM | | | 12:15 PM | | | 12:30 PM | | | 12:45 PM | | | Total | | |
|--------------|----------|-------|-------|----------|------|-------|----------|------|-------|----------|------|-------|-------|------|-------|
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right |
| +0 mins. | 1 | 1 | 0 | 2 | 15 | 2 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 |
| +15 mins. | 2 | 1 | 0 | 3 | 9 | 2 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 |
| +30 mins. | 3 | 1 | 0 | 4 | 3 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| +45 mins. | 0 | 1 | 0 | 1 | 5 | 1 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 6 | 4 | 0 | 10 | 32 | 5 | 0 | 0 | 37 | 0 | 0 | 0 | 0 | 0 | 0 |
| % App. Total | 60 | 40 | 0 | 60 | 62.5 | 11.5 | 0 | 0 | 54 | 0 | 0 | 0 | 0 | 0 | 0 |
| PHF | .500 | 1.000 | .000 | .625 | .533 | .625 | .000 | .000 | .544 | .000 | .000 | .000 | .000 | .625 | .250 |

Counts Unlimited Inc.
25286 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7934

File Name : BAR15SOCPM
Site Code : 9036094
Start Date : 2/10/2009
Page No : 1

City of Barstow
N/S: I-15 Southbound Ramps
EW: Outlet Center Drive
Weather: Sunny

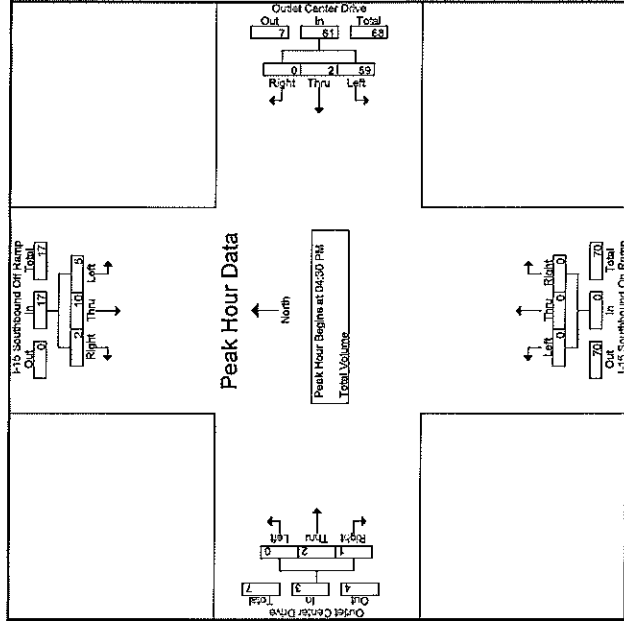
City of Barstow
N/S: I-15 Southbound Ramps
EW: Outlet Center Drive
Weather: Sunny

Counts Unlimited Inc.
25286 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7934

File Name : BAR15SOCPM
Site Code : 9036094
Start Date : 2/10/2009
Page No : 2

| Start Time | I-15 Southbound Off Ramp | | | Outlet Center Drive | | | I-15 Southbound On Ramp | | | Outlet Center Drive | | | Total |
|-------------|--------------------------|------|-------|---------------------|------|-------|-------------------------|------|-------|---------------------|------|-------|-------|
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | |
| 04:00 PM | 2 | 3 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 |
| 04:15 PM | 4 | 1 | 1 | 6 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| 04:30 PM | 1 | 1 | 1 | 3 | 15 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 21 |
| 04:45 PM | 1 | 3 | 0 | 4 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| Total | 8 | 8 | 2 | 18 | 48 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 69 |
| 05:00 PM | 2 | 1 | 0 | 3 | 14 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 19 |
| 05:15 PM | 1 | 5 | 1 | 7 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 |
| 05:30 PM | 0 | 2 | 0 | 2 | 12 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 17 |
| 05:45 PM | 0 | 0 | 2 | 2 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 15 |
| Total | 3 | 8 | 3 | 14 | 55 | 3 | 0 | 0 | 0 | 0 | 2 | 1 | 75 |
| Grand Total | 11 | 18 | 5 | 32 | 103 | 4 | 0 | 0 | 0 | 0 | 3 | 2 | 144 |
| Approach % | 34.4 | 50 | 15.6 | 98.3 | 3.7 | 0 | 0 | 0 | 0 | 0 | 60 | 40 | 3.5 |
| Total % | 7.8 | 11.1 | 3.5 | 22.2 | 71.5 | 2.8 | 0 | 0 | 0 | 0 | 2.1 | 1.4 | 3.5 |

| Start Time | I-15 Southbound Off Ramp | | | Outlet Center Drive | | | I-15 Southbound On Ramp | | | Outlet Center Drive | | | Total |
|--------------|--------------------------|------|-------|---------------------|------|-------|-------------------------|------|-------|---------------------|------|-------|-------|
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | |
| 04:00 PM | 1 | 1 | 1 | 3 | 15 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 21 |
| 04:15 PM | 1 | 3 | 0 | 4 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| 04:30 PM | 2 | 1 | 0 | 3 | 14 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 19 |
| 04:45 PM | 1 | 5 | 1 | 7 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 |
| Total Volume | 5 | 10 | 2 | 17 | 59 | 2 | 0 | 0 | 0 | 0 | 2 | 1 | 81 |
| % App. Total | 29.4 | 58.8 | 11.8 | 98.7 | 3.3 | 0 | 0 | 0 | 0 | 0 | 98.7 | 33.3 | 84.4 |
| PHE | 925 | 500 | 500 | 897 | 868 | 500 | 0 | 0 | 0 | 0 | 500 | 250 | 375 |



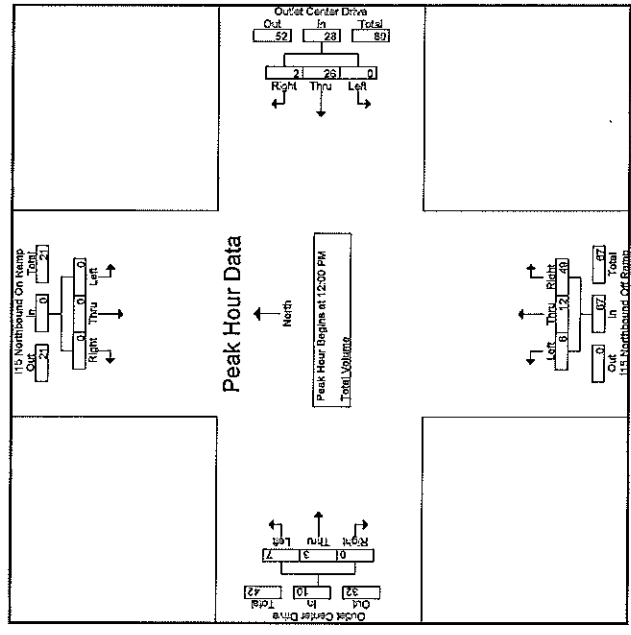
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

| | 04:00 PM | 04:30 PM | 04:45 PM | 05:00 PM | 05:15 PM | 05:30 PM | 05:45 PM | Total | % App. Total |
|--------------|----------|----------|----------|----------|----------|----------|----------|-------|--------------|
| +0 mins. | 2 | 3 | 0 | 5 | 15 | 1 | 0 | 16 | 0 |
| +15 mins. | 4 | 1 | 1 | 6 | 13 | 0 | 0 | 13 | 0 |
| +30 mins. | 1 | 1 | 1 | 3 | 14 | 1 | 0 | 15 | 0 |
| +45 mins. | 1 | 3 | 0 | 4 | 17 | 0 | 0 | 17 | 0 |
| Total Volume | 8 | 8 | 2 | 18 | 59 | 2 | 0 | 81 | 0 |
| % App. Total | 44.4 | 44.4 | 11.1 | 86.7 | 3.3 | 0 | 0 | 98.7 | 33.3 |
| PHE | 500 | 667 | 500 | 750 | 868 | 500 | 0 | 897 | 0 |

Course Printed: Total Volume

| Start Time | 115 Northbound On Ramp | | | Outlet Center Drive | | | 115 Northbound Off Ramp | | | Outlet Center Drive | | | In Total |
|-------------|------------------------|------|-------|---------------------|------|-------|-------------------------|------|-------|---------------------|------|-------|----------|
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | |
| 12:00 PM | 0 | 0 | 0 | 0 | 9 | 0 | 3 | 2 | 13 | 18 | 0 | 2 | 29 |
| 12:15 PM | 0 | 0 | 0 | 0 | 9 | 0 | 2 | 4 | 12 | 18 | 3 | 1 | 31 |
| 12:30 PM | 0 | 0 | 0 | 0 | 3 | 1 | 4 | 0 | 3 | 9 | 12 | 0 | 18 |
| 12:45 PM | 0 | 0 | 0 | 0 | 0 | 5 | 1 | 6 | 1 | 15 | 19 | 2 | 27 |
| Total | 0 | 0 | 0 | 0 | 26 | 2 | 28 | 6 | 12 | 49 | 67 | 3 | 105 |
| 01:00 PM | 0 | 0 | 0 | 0 | 13 | 1 | 14 | 0 | 13 | 14 | 0 | 0 | 28 |
| 01:15 PM | 0 | 0 | 0 | 0 | 8 | 1 | 9 | 1 | 0 | 12 | 13 | 0 | 25 |
| 01:30 PM | 0 | 0 | 0 | 0 | 5 | 0 | 5 | 1 | 0 | 5 | 6 | 1 | 12 |
| 01:45 PM | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 1 | 1 | 7 | 9 | 1 | 17 |
| Total | 0 | 0 | 0 | 0 | 33 | 2 | 35 | 3 | 2 | 37 | 42 | 2 | 82 |
| Grand Total | 0 | 0 | 0 | 0 | 59 | 4 | 63 | 9 | 14 | 86 | 109 | 6 | 157 |
| Aspct % | 0 | 0 | 0 | 0 | 92.7 | 6.3 | 93.7 | 8.3 | 12.8 | 78.9 | 58.3 | 4.8 | 40 |
| Total % | 0 | 0 | 0 | 0 | 31.6 | 2.1 | 33.7 | 4.8 | 7.5 | 46 | 58.3 | 4.8 | 8 |

| Start Time | 115 Northbound On Ramp | | | Outlet Center Drive | | | 115 Northbound Off Ramp | | | Outlet Center Drive | | | In Total |
|--------------|------------------------|------|-------|---------------------|------|-------|-------------------------|------|-------|---------------------|------|-------|----------|
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | |
| 12:00 PM | 0 | 0 | 0 | 0 | 9 | 0 | 3 | 2 | 13 | 18 | 0 | 2 | 29 |
| 12:15 PM | 0 | 0 | 0 | 0 | 9 | 0 | 2 | 4 | 12 | 18 | 3 | 1 | 31 |
| 12:30 PM | 0 | 0 | 0 | 0 | 3 | 1 | 4 | 0 | 3 | 9 | 12 | 0 | 18 |
| 12:45 PM | 0 | 0 | 0 | 0 | 0 | 5 | 1 | 6 | 1 | 15 | 19 | 2 | 27 |
| Total Volume | 0 | 0 | 0 | 0 | 26 | 2 | 28 | 6 | 12 | 49 | 67 | 3 | 105 |
| % Ave. Total | 0 | 0 | 0 | 0 | 92.9 | 7.1 | 93.9 | 9 | 17.6 | 78.1 | 58.3 | 3.75 | 40 |
| PHF | .000 | .000 | .000 | .000 | .772 | .500 | .778 | .500 | .750 | .817 | .882 | .375 | .625 |



Peak Hour Analysis From 12:00 PM to 01:45 PM - Peak 1 of 1
Peak Hour for Entire Intersection Begins at 12:00 PM

| Time | 115 Northbound On Ramp | | | Outlet Center Drive | | | 115 Northbound Off Ramp | | | Outlet Center Drive | | | In Total |
|--------------|------------------------|------|-------|---------------------|------|-------|-------------------------|------|-------|---------------------|------|-------|----------|
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | |
| 12:00 PM | 0 | 0 | 0 | 0 | 9 | 0 | 3 | 2 | 13 | 18 | 0 | 2 | 29 |
| 12:15 PM | 0 | 0 | 0 | 0 | 9 | 0 | 2 | 4 | 12 | 18 | 3 | 1 | 31 |
| 12:30 PM | 0 | 0 | 0 | 0 | 3 | 1 | 4 | 0 | 3 | 9 | 12 | 0 | 18 |
| 12:45 PM | 0 | 0 | 0 | 0 | 0 | 5 | 1 | 6 | 1 | 15 | 19 | 2 | 27 |
| Total Volume | 0 | 0 | 0 | 0 | 26 | 2 | 28 | 6 | 12 | 49 | 67 | 3 | 105 |
| % Ave. Total | 0 | 0 | 0 | 0 | 92.9 | 7.1 | 93.9 | 9 | 17.6 | 78.1 | 58.3 | 3.75 | 40 |
| PHF | .000 | .000 | .000 | .000 | .772 | .500 | .778 | .500 | .750 | .817 | .882 | .375 | .625 |

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Moreno Valley, CA 92557
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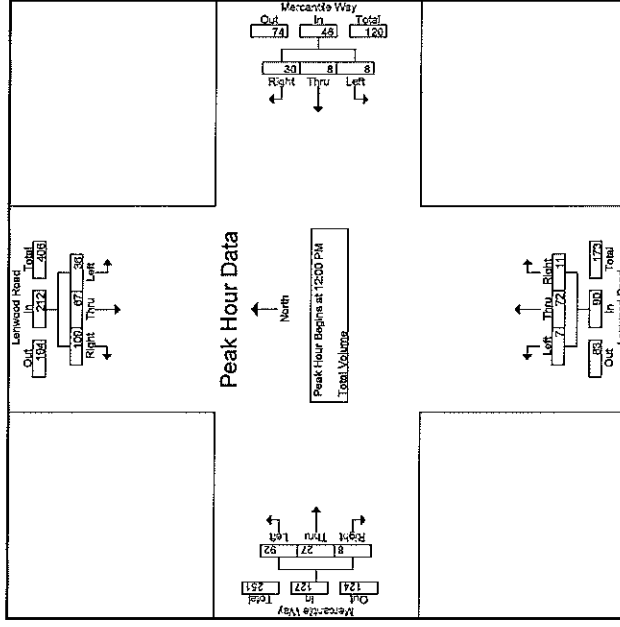
File Name : BARLEMEIMD
Site Code : 9036077
Start Date : 2/10/2009
Page No : 1

City of Barstow
N/S: Lenwood Road
E/W: Mercantile Way
Weather: Sunny

File Name : BARLEMEIMD
Site Code : 9036077
Start Date : 2/10/2009
Page No : 2

| Start Time | Lenwood Road Southbound | | | | Mercantile Way Westbound | | | | Lenwood Road Northbound | | | | Mercantile Way Eastbound | | | | In Total |
|-------------|-------------------------|------|-------|------------|--------------------------|------|-------|------------|-------------------------|------|-------|------------|--------------------------|------|-------|------------|----------|
| | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | |
| 12:00 PM | 4 | 23 | 30 | 57 | 1 | 8 | 11 | 20 | 1 | 23 | 2 | 26 | 25 | 6 | 3 | 36 | 132 |
| 12:15 PM | 8 | 17 | 21 | 47 | 1 | 6 | 9 | 16 | 2 | 18 | 4 | 24 | 25 | 6 | 3 | 33 | 113 |
| 12:30 PM | 18 | 16 | 27 | 61 | 1 | 3 | 8 | 12 | 3 | 17 | 5 | 25 | 25 | 4 | 2 | 31 | 129 |
| 12:45 PM | 5 | 11 | 31 | 47 | 5 | 2 | 7 | 14 | 1 | 14 | 0 | 15 | 18 | 8 | 1 | 25 | 101 |
| Total | 36 | 67 | 109 | 212 | 8 | 8 | 30 | 46 | 7 | 72 | 11 | 90 | 92 | 27 | 8 | 127 | 475 |
| Grand Total | 80 | 129 | 188 | 375 | 13 | 28 | 58 | 97 | 15 | 128 | 20 | 161 | 184 | 43 | 18 | 243 | 876 |
| Approach % | 16 | 34.4 | 49.3 | 13.4 | 28.8 | 59.8 | 11.1 | 9.3 | 78.3 | 12.4 | 18.4 | 75.7 | 17.7 | 6.8 | 27.7 | | |
| Total % | 6.8 | 14.7 | 21.2 | 42.8 | 1.5 | 3.6 | 11.1 | 1.7 | 14.4 | 2.3 | 18.4 | 21 | 4.9 | 1.8 | 27.7 | | |

| Start Time | Lenwood Road Southbound | | | | Mercantile Way Westbound | | | | Lenwood Road Northbound | | | | Mercantile Way Eastbound | | | | In Total |
|-------------|-------------------------|------|-------|------------|--------------------------|------|-------|------------|-------------------------|------|-------|------------|--------------------------|------|-------|------------|----------|
| | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | |
| 12:00 PM | 4 | 23 | 30 | 57 | 1 | 9 | 11 | 21 | 1 | 23 | 2 | 26 | 26 | 9 | 3 | 38 | 132 |
| 12:15 PM | 8 | 17 | 21 | 47 | 1 | 6 | 9 | 16 | 2 | 18 | 4 | 24 | 25 | 6 | 2 | 33 | 113 |
| 12:30 PM | 18 | 16 | 27 | 61 | 1 | 3 | 8 | 12 | 3 | 17 | 5 | 25 | 25 | 4 | 2 | 31 | 129 |
| 12:45 PM | 5 | 11 | 31 | 47 | 5 | 2 | 7 | 14 | 1 | 14 | 0 | 15 | 18 | 8 | 1 | 25 | 101 |
| Total | 36 | 67 | 109 | 212 | 8 | 8 | 30 | 46 | 7 | 72 | 11 | 90 | 92 | 27 | 8 | 127 | 475 |
| Grand Total | 80 | 129 | 188 | 375 | 13 | 28 | 58 | 97 | 15 | 128 | 20 | 161 | 184 | 43 | 18 | 243 | 876 |
| Approach % | 16 | 34.4 | 49.3 | 13.4 | 28.8 | 59.8 | 11.1 | 9.3 | 78.3 | 12.4 | 18.4 | 75.7 | 17.7 | 6.8 | 27.7 | | |
| Total % | 6.8 | 14.7 | 21.2 | 42.8 | 1.5 | 3.6 | 11.1 | 1.7 | 14.4 | 2.3 | 18.4 | 21 | 4.9 | 1.8 | 27.7 | | |



Peak Hour Analysis From 12:00 PM to 01:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

| | 12:00 PM | | | | 01:00 PM | | | | 12:30 PM | | | | 1:30 PM | | | | |
|--------------|----------|------|-------|------------|----------|------|-------|------------|----------|------|-------|------------|---------|------|-------|------------|----|
| | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | |
| +0 mins. | 4 | 23 | 30 | 57 | 1 | 6 | 8 | 15 | 6 | 13 | 1 | 20 | 26 | 25 | 4 | 31 | |
| +15 mins. | 8 | 17 | 21 | 47 | 0 | 2 | 8 | 10 | 2 | 8 | 10 | 18 | 4 | 24 | 8 | 1 | 25 |
| +30 mins. | 18 | 16 | 27 | 61 | 3 | 4 | 6 | 13 | 3 | 17 | 5 | 25 | 19 | 3 | 2 | 24 | |
| +45 mins. | 5 | 11 | 31 | 47 | 1 | 6 | 8 | 15 | 1 | 14 | 0 | 15 | 38 | 8 | 3 | 49 | |
| Total Volume | 36 | 67 | 109 | 212 | 5 | 18 | 28 | 51 | 7 | 72 | 11 | 60 | 98 | 23 | 8 | 129 | |
| % App. Total | 17 | 31.6 | 51.4 | 17.4 | 9.8 | 35.3 | 54.9 | 7.8 | 80 | 12.2 | 7.8 | 80 | 79 | 17.8 | 6.2 | 81.2 | |
| PHF | .500 | .728 | .879 | .889 | .417 | .750 | .875 | .850 | .583 | .783 | .550 | .885 | .645 | .719 | .687 | .658 | |

City of Barstow
N/S: Lenwood Road
E/W: Mercantile Way
Weather: Sunny

Counts Unlimited Inc.
25286 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7834

File Name : BARLEMEIMD
Site Code : 9036077
Start Date : 2/10/2009
Page No : 1

Counts Unlimited Inc.
25288 Joaquin Avenue
Moreno Valley, CA 92557
951-485-7834

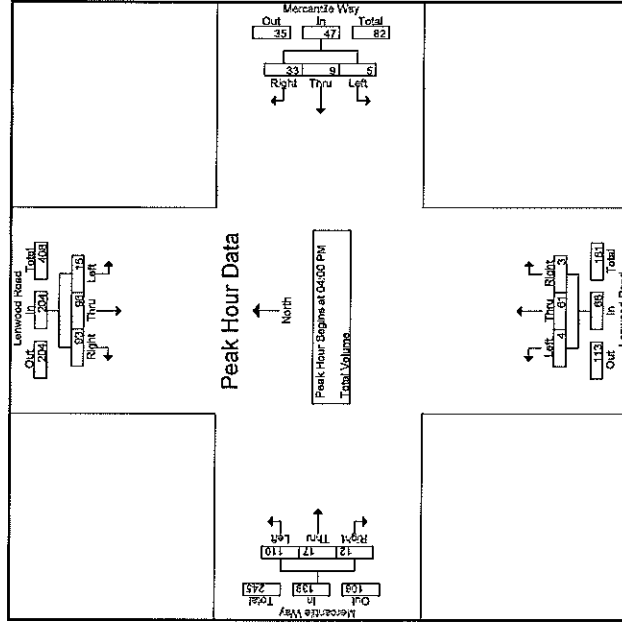
File Name : BARLEMEPM
Site Code : 9036077
Start Date : 2/10/2009
Page No : 1

City of Barstow
N/S: Lenwood Road
E/W: Mercantile Way
Weather: Sunny

File Name : BARLEMEPM
Site Code : 9036077
Start Date : 2/10/2009
Page No : 2

| Start Time | Lenwood Road | | | | Mercantile Way | | | | Lenwood Road | | | | Mercantile Way | | | |
|-------------|--------------|------|-------|------------|----------------|------|-------|------------|--------------|------|-------|------------|----------------|------|-------|------------|
| | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total |
| 04:00 PM | 4 | 27 | 24 | 55 | 0 | 11 | 4 | 15 | 4 | 14 | 0 | 14 | 0 | 14 | 0 | 14 |
| 04:15 PM | 5 | 19 | 24 | 48 | 0 | 8 | 11 | 19 | 2 | 13 | 0 | 13 | 0 | 13 | 0 | 13 |
| 04:30 PM | 2 | 18 | 28 | 48 | 2 | 4 | 12 | 18 | 1 | 13 | 0 | 13 | 0 | 13 | 0 | 13 |
| 04:45 PM | 4 | 32 | 19 | 55 | 1 | 4 | 12 | 17 | 1 | 21 | 1 | 23 | 2 | 24 | 4 | 26 |
| Total | 15 | 98 | 93 | 204 | 5 | 9 | 33 | 47 | 4 | 61 | 3 | 68 | 110 | 17 | 12 | 139 |
| 05:00 PM | 6 | 18 | 19 | 43 | 3 | 4 | 9 | 16 | 0 | 22 | 3 | 25 | 18 | 4 | 1 | 23 |
| 05:15 PM | 11 | 17 | 13 | 41 | 4 | 3 | 8 | 15 | 3 | 15 | 2 | 20 | 20 | 4 | 2 | 26 |
| 05:30 PM | 5 | 25 | 18 | 48 | 1 | 1 | 9 | 11 | 3 | 16 | 1 | 20 | 28 | 4 | 2 | 34 |
| 05:45 PM | 5 | 14 | 14 | 33 | 1 | 3 | 4 | 8 | 2 | 11 | 1 | 14 | 21 | 3 | 1 | 25 |
| Total | 27 | 74 | 65 | 166 | 9 | 11 | 30 | 50 | 8 | 64 | 7 | 79 | 87 | 15 | 6 | 108 |
| Grand Total | 42 | 170 | 158 | 370 | 14 | 20 | 63 | 97 | 12 | 125 | 10 | 147 | 197 | 32 | 18 | 247 |
| Approach % | 11.4 | 45.9 | 42.7 | | 14.4 | 20.6 | 64.9 | | 8.2 | 85 | 6.8 | | 79.8 | 13 | 7.3 | |
| Total % | 4.9 | 18.7 | 18.4 | | 4.9 | 2.3 | 7.3 | | 11.3 | 1.4 | 14.5 | | 17.1 | 22.9 | 3.7 | |

| Start Time | Lenwood Road | | | | Mercantile Way | | | | Lenwood Road | | | | Mercantile Way | | | |
|--------------|--------------|------|-------|------------|----------------|------|-------|------------|--------------|------|-------|------------|----------------|------|-------|------------|
| | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total | Left | Thru | Right | App. Total |
| 04:00 PM | 4 | 27 | 24 | 55 | 0 | 11 | 4 | 15 | 4 | 14 | 0 | 14 | 0 | 14 | 0 | 14 |
| 04:15 PM | 5 | 19 | 24 | 48 | 0 | 8 | 11 | 19 | 2 | 13 | 0 | 13 | 0 | 13 | 0 | 13 |
| 04:30 PM | 2 | 18 | 28 | 48 | 2 | 4 | 12 | 18 | 1 | 13 | 0 | 13 | 0 | 13 | 0 | 13 |
| 04:45 PM | 4 | 32 | 19 | 55 | 1 | 4 | 12 | 17 | 1 | 21 | 1 | 23 | 2 | 24 | 4 | 26 |
| Total | 15 | 98 | 93 | 204 | 5 | 9 | 33 | 47 | 4 | 61 | 3 | 68 | 110 | 17 | 12 | 139 |
| % App. Total | 7.4 | 47.1 | 45.6 | | 10.9 | 19.1 | 70.2 | | 5.9 | 89.7 | 4.4 | | 79.1 | 12.2 | 8.6 | |
| PHF | .750 | .750 | .894 | | .927 | .625 | .858 | | .691 | .500 | .729 | | .739 | .809 | .531 | |



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

| | 04:00 PM | 04:30 PM | 04:45 PM | 04:00 PM |
|--------------|----------|----------|----------|----------|
| +0 mins. | 4 | 27 | 24 | 55 |
| +15 mins. | 5 | 19 | 24 | 48 |
| +30 mins. | 2 | 18 | 28 | 48 |
| +45 mins. | 4 | 32 | 19 | 55 |
| Total Volume | 15 | 98 | 93 | 204 |
| % App. Total | 7.4 | 47.1 | 45.8 | |
| PHF | .750 | .750 | .894 | |

Counts Unlimited Inc.
25288 Jaclyn Avenue
Monroeville, PA 15146
951-485-7834

File Name : BARFOMEMD
Site Code : 9036062
Start Date : 2/10/2009
Page No : 2

City of Barstow
N/S: Factory Outlet Avenue
E/W: Mercantile Way
Weather: Sunny

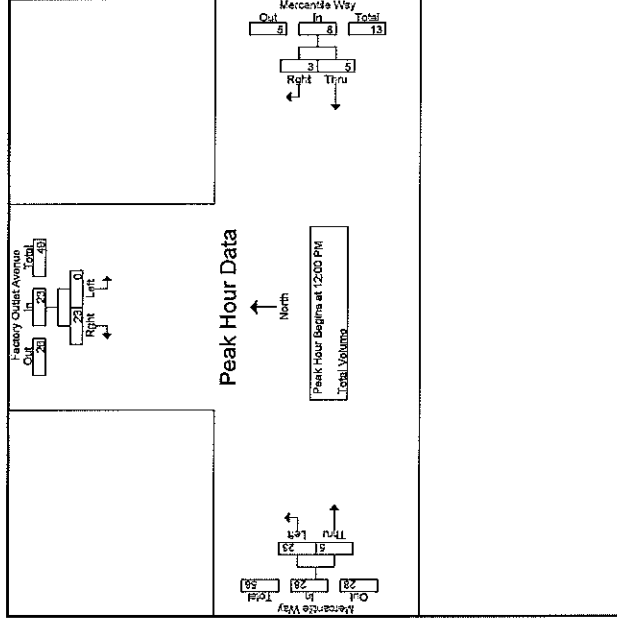
Counts Unlimited Inc.
25288 Jaclyn Avenue
Monroeville, PA 15146
951-485-7834

File Name : BARFOMEMD
Site Code : 9036062
Start Date : 2/10/2009
Page No : 1

City of Barstow
N/S: Factory Outlet Avenue
E/W: Mercantile Way
Weather: Sunny

| Start Time | Factory Outlet Avenue Southbound | | | | Mercantile Way Westbound | | | | Mercantile Way Eastbound | | | | Int. Total | | |
|-------------|----------------------------------|------|-------|------|--------------------------|------|------------|------|--------------------------|------|------|------|------------|------------|----|
| | Left | | Right | | Thru | | App. Total | | Left | | Thru | | | App. Total | |
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | | 12 | 13 |
| 12:00 PM | 0 | 10 | 2 | 0 | 2 | 0 | 0 | 2 | 5 | 10 | 0 | 0 | 0 | 22 | |
| 12:15 PM | 0 | 5 | 1 | 0 | 1 | 1 | 3 | 3 | 0 | 3 | 0 | 0 | 3 | 9 | |
| 12:30 PM | 0 | 5 | 2 | 1 | 2 | 1 | 11 | 0 | 0 | 11 | 0 | 0 | 11 | 19 | |
| 12:45 PM | 0 | 5 | 3 | 2 | 3 | 2 | 4 | 3 | 4 | 5 | 5 | 5 | 5 | 28 | |
| Total | 0 | 23 | 8 | 3 | 8 | 6 | 23 | 24 | 5 | 59 | 21 | 9 | 21 | | |
| 01:00 PM | 1 | 10 | 11 | 0 | 1 | 1 | 6 | 3 | 3 | 9 | 21 | 9 | 9 | 21 | |
| 01:15 PM | 0 | 2 | 2 | 0 | 2 | 0 | 3 | 1 | 4 | 4 | 8 | 4 | 4 | 8 | |
| 01:30 PM | 0 | 3 | 3 | 1 | 0 | 1 | 7 | 1 | 8 | 8 | 12 | 1 | 12 | 12 | |
| 01:45 PM | 0 | 3 | 3 | 0 | 4 | 0 | 3 | 0 | 3 | 3 | 16 | 3 | 16 | 16 | |
| Total | 1 | 24 | 25 | 7 | 8 | 1 | 19 | 5 | 24 | 57 | 57 | 57 | 57 | 57 | |
| Grand Total | 1 | 47 | 48 | 12 | 4 | 16 | 42 | 10 | 52 | 116 | 116 | 116 | 116 | 116 | |
| Approach % | 2.1 | 97.9 | 80.8 | 80.8 | 19.2 | 8.6 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | |
| Total % | 0.9 | 40.5 | 41.4 | 10.3 | 3.4 | 13.8 | 36.2 | 8.6 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | |

| Start Time | Factory Outlet Avenue Southbound | | | | Mercantile Way Westbound | | | | Mercantile Way Eastbound | | | | Int. Total | | |
|-------------|----------------------------------|------|-------|------|--------------------------|------|------------|-----|--------------------------|------|------|------|------------|------------|----|
| | Left | | Right | | Thru | | App. Total | | Left | | Thru | | | App. Total | |
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | | 12 | 13 |
| 12:00 PM | 0 | 10 | 2 | 0 | 2 | 0 | 2 | 5 | 10 | 0 | 0 | 0 | 22 | | |
| 12:15 PM | 0 | 5 | 1 | 0 | 1 | 1 | 3 | 0 | 3 | 0 | 0 | 3 | 9 | | |
| 12:30 PM | 0 | 5 | 2 | 1 | 2 | 1 | 11 | 0 | 0 | 11 | 0 | 11 | 19 | | |
| 12:45 PM | 0 | 5 | 3 | 2 | 3 | 2 | 4 | 3 | 4 | 5 | 5 | 5 | 28 | | |
| Total | 0 | 23 | 8 | 3 | 8 | 6 | 23 | 24 | 5 | 59 | 21 | 9 | 21 | | |
| 01:00 PM | 0 | 10 | 11 | 0 | 1 | 1 | 6 | 3 | 3 | 9 | 21 | 9 | 21 | | |
| 01:15 PM | 0 | 2 | 2 | 0 | 2 | 0 | 3 | 1 | 4 | 4 | 8 | 4 | 8 | | |
| 01:30 PM | 0 | 3 | 3 | 1 | 0 | 1 | 7 | 1 | 8 | 8 | 12 | 1 | 12 | | |
| 01:45 PM | 0 | 3 | 3 | 0 | 4 | 0 | 3 | 0 | 3 | 3 | 16 | 3 | 16 | | |
| Total | 0 | 23 | 23 | 3 | 8 | 2 | 23 | 5 | 28 | 59 | 59 | 59 | 59 | | |
| Grand Total | 0 | 46 | 51 | 6 | 14 | 8 | 46 | 29 | 87 | 116 | 116 | 116 | 116 | | |
| Approach % | 0.0 | 97.5 | 97.5 | 17.5 | 34.4 | 13.8 | 36.2 | 8.6 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | | |
| Total % | 0.0 | 57.5 | 57.5 | 7.5 | 25.0 | 13.8 | 36.2 | 8.6 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | | |



Peak Hour Analysis From 12:00 PM to 01:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

| Time | 01:00 PM | 12:00 PM | 12:00 PM | 12:00 PM |
|--------------|----------|----------|----------|----------|
| +0 mins. | 1 | 10 | 11 | 2 |
| +15 mins. | 0 | 2 | 2 | 0 |
| +30 mins. | 0 | 3 | 3 | 1 |
| +45 mins. | 0 | 8 | 0 | 1 |
| Total Volume | 1 | 24 | 25 | 5 |
| % App. Total | 4 | 96 | 37.5 | 8 |
| PHF | 250 | 600 | 588 | 667 |
| | | | 625 | 17.9 |
| | | | 523 | 250 |
| | | | 698 | 698 |

Counts Unlimited Inc.
25286 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7834

City of Barstow
N/S: Factory Outlet Avenue
E/W: Mercantile Way
Weather: Sunny

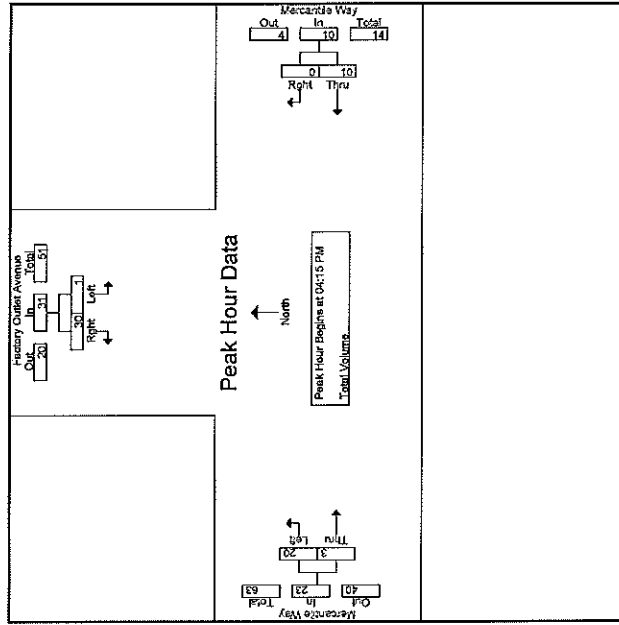
File Name : BARFOMEPM
Site Code : 9036062
Start Date : 2/10/2009
Page No : 1

File Name : BARFOMEPM
Site Code : 9036062
Start Date : 2/10/2009
Page No : 2

Groups Printed- Total Volume

| Start Time | Factory Outlet Avenue | | | Mercantile Way | | | Mercantile Way | | | Int. Total |
|-------------|-----------------------|-------|------|----------------|-------|------------|----------------|------|------------|------------|
| | Left | Right | Thru | Westbound | Right | App. Total | Left | Thru | App. Total | |
| 04:00 PM | 0 | 6 | 0 | 0 | 0 | 0 | 3 | 0 | 3 | 9 |
| 04:15 PM | 1 | 8 | 9 | 3 | 0 | 0 | 10 | 0 | 10 | 22 |
| 04:30 PM | 0 | 6 | 6 | 5 | 0 | 0 | 7 | 2 | 9 | 21 |
| 04:45 PM | 0 | 10 | 10 | 5 | 0 | 0 | 7 | 2 | 9 | 27 |
| Total | 1 | 30 | 31 | 8 | 0 | 0 | 21 | 2 | 23 | 62 |
| 05:00 PM | 0 | 6 | 6 | 2 | 0 | 0 | 2 | 1 | 3 | 11 |
| 05:15 PM | 0 | 3 | 3 | 1 | 0 | 0 | 4 | 1 | 5 | 9 |
| 05:30 PM | 0 | 3 | 3 | 0 | 1 | 1 | 2 | 3 | 5 | 9 |
| 05:45 PM | 0 | 4 | 4 | 0 | 0 | 0 | 3 | 0 | 3 | 7 |
| Total | 0 | 16 | 16 | 3 | 1 | 1 | 11 | 5 | 16 | 36 |
| Grand Total | 1 | 46 | 47 | 11 | 1 | 1 | 32 | 7 | 39 | 98 |
| Approach % | 2.1 | 97.9 | 91.7 | 8.3 | 1 | 12.2 | 82.1 | 17.9 | 39.8 | |
| Total % | 1 | 46.9 | 48 | 11.2 | 1 | 12.2 | 32.7 | 7.1 | 39.8 | |

| Start Time | Factory Outlet Avenue | | | Mercantile Way | | | Mercantile Way | | | Int. Total |
|--------------|-----------------------|-------|------|----------------|-------|------------|----------------|------|------------|------------|
| | Left | Right | Thru | Westbound | Right | App. Total | Left | Thru | App. Total | |
| 04:00 PM | 0 | 6 | 0 | 0 | 0 | 0 | 3 | 0 | 3 | 9 |
| 04:15 PM | 1 | 8 | 9 | 3 | 0 | 0 | 10 | 0 | 10 | 22 |
| 04:30 PM | 0 | 6 | 6 | 5 | 0 | 0 | 7 | 2 | 9 | 21 |
| 04:45 PM | 0 | 10 | 10 | 5 | 0 | 0 | 7 | 2 | 9 | 27 |
| Total Volume | 1 | 30 | 31 | 8 | 0 | 0 | 21 | 2 | 23 | 64 |
| % App. Total | 3.2 | 96.8 | 100 | 0 | 0 | 87 | 13 | 375 | 575 | 667 |
| PHF | .250 | .750 | .775 | .500 | .000 | .500 | .500 | .375 | .575 | |



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

| | 04:00 PM | 04:15 PM | 04:30 PM | 04:45 PM | 05:00 PM | 05:15 PM | 05:30 PM | 05:45 PM |
|--------------|----------|----------|----------|----------|----------|----------|----------|----------|
| +0 mins. | 0 | 6 | 6 | 6 | 3 | 0 | 3 | 3 |
| +15 mins. | 1 | 8 | 8 | 8 | 0 | 0 | 10 | 10 |
| +30 mins. | 0 | 6 | 6 | 6 | 5 | 0 | 5 | 1 |
| +45 mins. | 0 | 10 | 10 | 10 | 2 | 0 | 2 | 0 |
| Total Volume | 1 | 30 | 31 | 31 | 10 | 0 | 21 | 23 |
| % App. Total | 3.2 | 96.8 | 100 | 0 | 10 | 0 | 91.3 | 8.7 |
| PHF | .250 | .750 | .775 | .500 | .000 | .500 | .250 | .575 |

Counts Unlimited Inc.
25288 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7834

File Name : BARLES8MDSAT
Site Code : 9038002
Start Date : 2/7/2009
Page No : 2

City of Barstow
N/S: Lenwood Road
E/W: SR-58
Weather: Cloudy

Counts Unlimited Inc.
25288 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7834

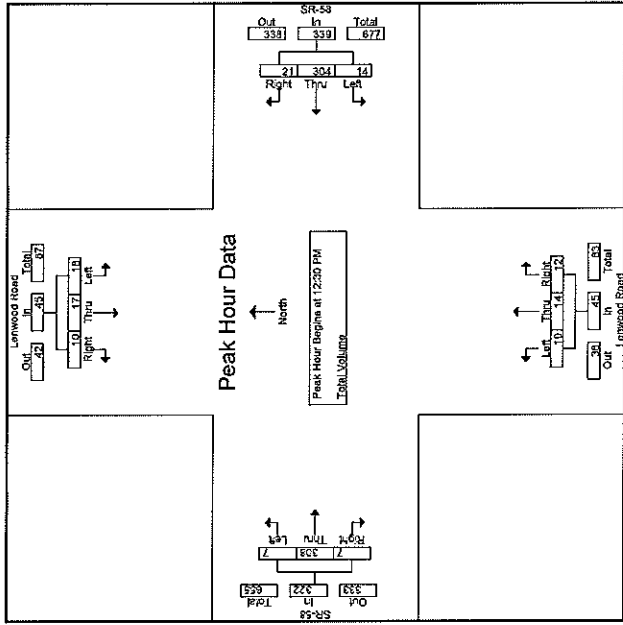
File Name : BARLES8MDSAT
Site Code : 9038002
Start Date : 2/7/2009
Page No : 1

City of Barstow
N/S: Lenwood Road
E/W: SR-58
Weather: Cloudy

Counts Printed-Total Volume

| Start Time | Lenwood Road | | | Westbound | | | SR-58 | | | Lenwood Road | | | Northbound | | | SR-58 | | | In. Total |
|-------------|--------------|------|-------|-----------|------|-------|-------|------|-------|--------------|------|-------|------------|------|-------|-------|------|-------|-----------|
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | |
| 12:00 PM | 7 | 2 | 1 | 6 | 6 | 7 | 7 | 7 | 14 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 70 |
| 12:15 PM | 9 | 1 | 1 | 15 | 6 | 6 | 4 | 78 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 84 |
| 12:30 PM | 4 | 2 | 3 | 9 | 1 | 82 | 7 | 85 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 161 |
| 12:45 PM | 1 | 6 | 1 | 8 | 5 | 88 | 7 | 100 | 4 | 6 | 3 | 13 | 4 | 88 | 1 | 81 | 1 | 81 | 214 |
| Total | 21 | 11 | 10 | 42 | 13 | 300 | 20 | 333 | 13 | 12 | 10 | 35 | 7 | 301 | 11 | 319 | 11 | 319 | 729 |
| 01:00 PM | 7 | 8 | 1 | 16 | 4 | 70 | 4 | 78 | 6 | 1 | 4 | 11 | 1 | 76 | 1 | 78 | 1 | 78 | 183 |
| 01:15 PM | 6 | 1 | 5 | 12 | 4 | 64 | 8 | 76 | 8 | 5 | 3 | 16 | 2 | 83 | 4 | 89 | 4 | 89 | 193 |
| 01:30 PM | 9 | 4 | 1 | 14 | 3 | 52 | 5 | 60 | 9 | 1 | 4 | 14 | 1 | 67 | 3 | 71 | 3 | 71 | 159 |
| 01:45 PM | 2 | 0 | 3 | 5 | 2 | 66 | 6 | 74 | 7 | 8 | 3 | 18 | 0 | 84 | 12 | 96 | 12 | 96 | 193 |
| Total | 24 | 13 | 10 | 47 | 13 | 252 | 23 | 288 | 30 | 15 | 14 | 59 | 4 | 310 | 20 | 334 | 20 | 334 | 728 |
| Grand Total | 45 | 24 | 20 | 89 | 26 | 552 | 43 | 621 | 43 | 27 | 24 | 94 | 11 | 611 | 31 | 653 | 31 | 653 | 1457 |
| Approach % | 50.6 | 27 | 22.5 | 4.2 | 88.9 | 6.9 | 45.7 | 28.7 | 25.5 | 6.5 | 1.9 | 1.6 | 6.5 | 0.8 | 41.9 | 2.1 | 44.8 | | |
| Total % | 3.1 | 1.6 | 1.4 | 6.1 | 1.8 | 37.9 | 3 | 42.6 | | | | | | | | | | | |

| Start Time | Lenwood Road | | | SR-58 | | | Westbound | | | Lenwood Road | | | Northbound | | | SR-58 | | | In. Total |
|---------------|--------------|------|-------|-------|------|-------|-----------|------|-------|--------------|------|-------|------------|------|-------|-------|------|-------|-----------|
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | |
| 12:30 PM | 4 | 2 | 3 | 9 | 1 | 82 | 2 | 85 | 1 | 2 | 2 | 5 | 0 | 61 | 1 | 62 | 1 | 62 | 161 |
| 12:45 PM | 7 | 8 | 1 | 16 | 4 | 70 | 4 | 78 | 6 | 3 | 13 | 4 | 88 | 1 | 93 | 214 | | | 214 |
| 01:00 PM | 7 | 8 | 1 | 16 | 4 | 70 | 4 | 78 | 6 | 1 | 4 | 11 | 1 | 76 | 1 | 78 | 1 | 78 | 183 |
| 01:15 PM | 6 | 1 | 5 | 12 | 4 | 64 | 8 | 76 | 8 | 5 | 3 | 16 | 2 | 83 | 4 | 89 | 4 | 89 | 193 |
| Total Volume | 18 | 17 | 10 | 45 | 14 | 304 | 21 | 339 | 19 | 14 | 12 | 45 | 7 | 308 | 7 | 322 | 7 | 322 | 751 |
| % Appr. Total | 40 | 37.8 | 22.2 | 4.1 | 89.7 | 6.2 | 47.2 | 31.1 | 26.7 | 6.2 | 2.2 | 95.7 | 2.2 | 95.7 | 2.2 | 95.7 | 2.2 | 95.7 | 866 |
| PHF | .643 | .531 | .500 | .703 | .700 | .864 | .656 | .848 | .594 | .583 | .750 | .703 | .438 | .875 | .438 | .866 | .438 | .866 | .877 |



Peak Hour Analysis From 12:00 PM to 01:45 PM - Peak 1 of 1
Peak Hour for Fish Approach Design at

| Time | 12:30 PM | | | 12:45 PM | | | 01:00 PM | | | 01:15 PM | | | Total | % Appr. Total | | |
|---------------|----------|------|-------|----------|------|-------|----------|------|-------|----------|------|-------|-------|---------------|------|-----|
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | | | | |
| +0 mins. | 1 | 6 | 1 | 8 | 6 | 66 | 4 | 78 | 6 | 1 | 4 | 11 | 76 | 1 | 78 | |
| +15 mins. | 7 | 8 | 1 | 16 | 1 | 82 | 2 | 85 | 8 | 5 | 3 | 16 | 2 | 83 | 4 | 89 |
| +30 mins. | 9 | 1 | 5 | 12 | 5 | 86 | 4 | 100 | 7 | 1 | 4 | 14 | 1 | 67 | 3 | 71 |
| +45 mins. | 6 | 1 | 5 | 12 | 4 | 78 | 6 | 78 | 8 | 1 | 5 | 18 | 0 | 84 | 12 | 96 |
| Total Volume | 23 | 19 | 8 | 50 | 16 | 308 | 17 | 341 | 30 | 18 | 13 | 59 | 12 | 210 | 20 | 334 |
| % Appr. Total | 46 | 38 | 16 | 47 | 47 | 90.3 | 5 | 60.8 | 25.4 | 23.7 | 5 | 1.2 | 91.0 | 1.2 | 91.0 | 870 |
| PHF | .630 | .594 | .400 | .781 | .657 | .875 | .607 | .853 | .460 | .875 | .819 | .500 | .923 | .417 | .870 | |

Counts Unlimited Inc.
25289 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7834

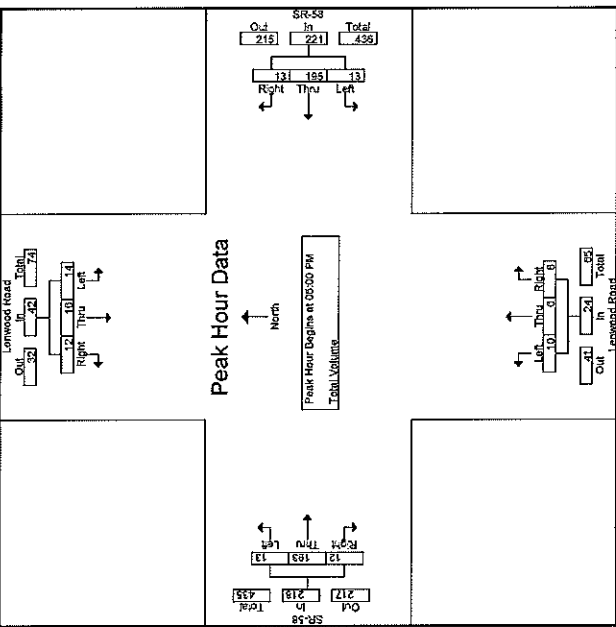
File Name : BARLES8PMSAT
Site Code : 9036002
Start Date : 2/7/2009
Page No : 2

City of Barstow
N/S: Lenwood Road
E/W: SR-58
Weather: Cloudy

Counts Unlimited Inc.
25289 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7834

File Name : BARLES8PMSAT
Site Code : 9036002
Start Date : 2/7/2009
Page No : 1

City of Barstow
N/S: Lenwood Road
E/W: SR-58
Weather: Cloudy



| Start Time | Lenwood Road - Southbound | | | | Lenwood Road - Northbound | | | | SR-58 - Westbound | | | | SR-58 - Eastbound | | | |
|-------------|---------------------------|------|-------|------------|---------------------------|------|-------|------------|-------------------|------|-------|------------|-------------------|------|-------|------------|
| | Left | Thru | Right | Acc. Total | Left | Thru | Right | Acc. Total | Left | Thru | Right | Acc. Total | Left | Thru | Right | Acc. Total |
| 05:00 PM | 3 | 8 | 5 | 16 | 1 | 33 | 2 | 36 | 2 | 3 | 1 | 6 | 2 | 45 | 3 | 50 |
| 05:15 PM | 4 | 7 | 3 | 14 | 2 | 37 | 2 | 41 | 4 | 8 | 2 | 14 | 3 | 47 | 2 | 52 |
| 05:30 PM | 2 | 0 | 2 | 4 | 4 | 40 | 1 | 45 | 7 | 7 | 1 | 15 | 2 | 37 | 2 | 41 |
| 05:45 PM | 2 | 0 | 2 | 4 | 4 | 50 | 3 | 57 | 4 | 7 | 1 | 12 | 1 | 44 | 4 | 49 |
| Total | 14 | 16 | 12 | 42 | 13 | 195 | 13 | 221 | 10 | 6 | 8 | 24 | 13 | 193 | 12 | 218 |
| 06:00 PM | 5 | 3 | 2 | 10 | 0 | 32 | 5 | 37 | 3 | 6 | 2 | 11 | 2 | 43 | 2 | 47 |
| 06:15 PM | 3 | 2 | 2 | 7 | 2 | 33 | 3 | 38 | 2 | 2 | 1 | 5 | 3 | 40 | 5 | 48 |
| 06:30 PM | 2 | 0 | 3 | 5 | 1 | 43 | 4 | 48 | 5 | 1 | 7 | 13 | 0 | 42 | 3 | 45 |
| 06:45 PM | 2 | 1 | 4 | 7 | 0 | 18 | 2 | 20 | 1 | 0 | 0 | 1 | 1 | 14 | 1 | 16 |
| Total | 12 | 6 | 8 | 26 | 3 | 126 | 14 | 143 | 11 | 9 | 4 | 24 | 6 | 139 | 11 | 156 |
| Grand Total | 26 | 22 | 20 | 68 | 16 | 321 | 27 | 364 | 21 | 15 | 12 | 48 | 19 | 332 | 23 | 374 |
| Approach % | 38.2 | 32.4 | 29.4 | 38.2 | 4.4 | 88.2 | 7.4 | 43.8 | 31.2 | 25 | 5.6 | 2.2 | 5.1 | 88.8 | 6.1 | 38.9 |
| Total % | 3 | 2.6 | 2.3 | 8 | 1.9 | 37.6 | 3.2 | 42.6 | 2.5 | 1.8 | 1.4 | 5.6 | 2.2 | 38.9 | 2.7 | 43.8 |

| Start Time | Lenwood Road - Southbound | | | | Lenwood Road - Northbound | | | | SR-58 - Westbound | | | | SR-58 - Eastbound | | | |
|-------------|---------------------------|------|-------|------------|---------------------------|------|-------|------------|-------------------|------|-------|------------|-------------------|------|-------|------------|
| | Left | Thru | Right | Acc. Total | Left | Thru | Right | Acc. Total | Left | Thru | Right | Acc. Total | Left | Thru | Right | Acc. Total |
| 05:00 PM | 3 | 8 | 5 | 16 | 1 | 33 | 2 | 36 | 2 | 3 | 1 | 6 | 2 | 45 | 3 | 50 |
| 05:15 PM | 4 | 7 | 3 | 14 | 2 | 37 | 2 | 41 | 4 | 8 | 2 | 14 | 3 | 47 | 2 | 52 |
| 05:30 PM | 2 | 0 | 2 | 4 | 4 | 40 | 1 | 45 | 7 | 7 | 1 | 15 | 2 | 37 | 2 | 41 |
| 05:45 PM | 2 | 0 | 2 | 4 | 4 | 50 | 3 | 57 | 4 | 7 | 1 | 12 | 1 | 44 | 4 | 49 |
| Total | 14 | 16 | 12 | 42 | 13 | 195 | 13 | 221 | 10 | 6 | 8 | 24 | 13 | 193 | 12 | 218 |
| 06:00 PM | 5 | 3 | 2 | 10 | 0 | 32 | 5 | 37 | 3 | 6 | 2 | 11 | 2 | 43 | 2 | 47 |
| 06:15 PM | 3 | 2 | 2 | 7 | 2 | 33 | 3 | 38 | 2 | 2 | 1 | 5 | 3 | 40 | 5 | 48 |
| 06:30 PM | 2 | 0 | 3 | 5 | 1 | 43 | 4 | 48 | 5 | 1 | 7 | 13 | 0 | 42 | 3 | 45 |
| 06:45 PM | 2 | 1 | 4 | 7 | 0 | 18 | 2 | 20 | 1 | 0 | 0 | 1 | 1 | 14 | 1 | 16 |
| Total | 12 | 6 | 8 | 26 | 3 | 126 | 14 | 143 | 11 | 9 | 4 | 24 | 6 | 139 | 11 | 156 |
| Grand Total | 26 | 22 | 20 | 68 | 16 | 321 | 27 | 364 | 21 | 15 | 12 | 48 | 19 | 332 | 23 | 374 |
| Approach % | 38.2 | 32.4 | 29.4 | 38.2 | 4.4 | 88.2 | 7.4 | 43.8 | 31.2 | 25 | 5.6 | 2.2 | 5.1 | 88.8 | 6.1 | 38.9 |
| Total % | 3 | 2.6 | 2.3 | 8 | 1.9 | 37.6 | 3.2 | 42.6 | 2.5 | 1.8 | 1.4 | 5.6 | 2.2 | 38.9 | 2.7 | 43.8 |

Peak Hour Analysis From 05:00 PM to 09:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at

| | 05:00 PM | | | | 05:15 PM | | | | 05:30 PM | | | | 05:45 PM | | | |
|--------------|----------|------|------|------|----------|------|------|------|----------|------|------|------|----------|------|-----|------|
| +0 mins. | 3 | 8 | 5 | 16 | 1 | 33 | 2 | 36 | 2 | 3 | 1 | 6 | 2 | 45 | 3 | 50 |
| +15 mins. | 5 | 7 | 3 | 15 | 2 | 37 | 2 | 41 | 4 | 8 | 2 | 14 | 3 | 47 | 2 | 52 |
| +30 mins. | 4 | 1 | 2 | 7 | 4 | 40 | 1 | 45 | 7 | 7 | 1 | 15 | 2 | 37 | 2 | 41 |
| +45 mins. | 2 | 0 | 2 | 4 | 4 | 50 | 3 | 57 | 4 | 7 | 1 | 12 | 1 | 44 | 4 | 49 |
| Total Volume | 14 | 16 | 12 | 42 | 13 | 195 | 13 | 221 | 10 | 6 | 8 | 24 | 13 | 193 | 12 | 218 |
| % App. Total | 33.3 | 38.2 | 28.6 | 38.2 | 5.9 | 88.2 | 5.9 | 43.7 | 25 | 33.3 | 6 | 2.2 | 5.6 | 88.5 | 5.5 | 38.9 |
| PHF | .700 | .500 | .600 | .656 | .650 | .920 | .650 | .867 | .406 | .742 | .750 | .779 | .853 | | | |

Counts Unlimited, Inc.
25286 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7834

File Name : BARLEMA.MDSAT
Site Code : 9038001
Start Date : 2/7/2009
Page No : 2

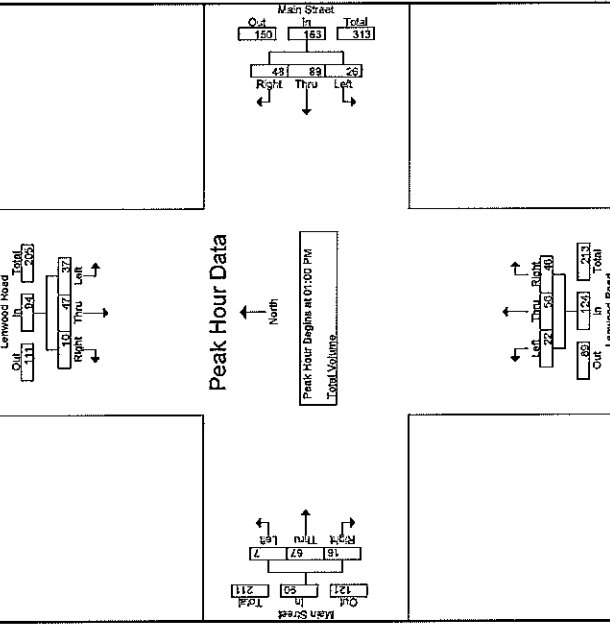
City of Barstow
N/S: Lenwood Road
E/W: Main Street
Weather: Sunny

Counts Unlimited, Inc.
25286 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7834

File Name : BARLEMA.MDSAT
Site Code : 9038001
Start Date : 2/7/2009
Page No : 1

City of Barstow
N/S: Lenwood Road
E/W: Main Street
Weather: Sunny

| Start Time | Grouped Printed-Traffic Volumes | | | | | | | | | | | | |
|-------------|---------------------------------|------|-------|-----------------------|------|-------|-------------------------|------|-------|-----------------------|------|-------|-----------|
| | Lenwood Road Southbound | | | Main Street Westbound | | | Lenwood Road Northbound | | | Main Street Eastbound | | | |
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | In. Total |
| 12:00 PM | 11 | 7 | 5 | 5 | 10 | 9 | 33 | 4 | 15 | 12 | 33 | 1 | 21 |
| 12:15 PM | 9 | 16 | 5 | 30 | 9 | 20 | 4 | 5 | 2 | 11 | 2 | 13 | 20 |
| 12:30 PM | 3 | 9 | 2 | 14 | 9 | 18 | 4 | 31 | 4 | 10 | 7 | 21 | 4 |
| 12:45 PM | 6 | 18 | 1 | 25 | 8 | 17 | 7 | 32 | 0 | 11 | 4 | 24 | 1 |
| Total | 29 | 50 | 11 | 90 | 31 | 74 | 24 | 129 | 23 | 41 | 25 | 89 | 8 |
| 01:00 PM | 8 | 8 | 2 | 18 | 8 | 28 | 7 | 43 | 4 | 11 | 16 | 31 | 2 |
| 01:15 PM | 11 | 16 | 2 | 29 | 6 | 21 | 10 | 37 | 6 | 18 | 13 | 37 | 1 |
| 01:30 PM | 6 | 10 | 1 | 17 | 7 | 19 | 17 | 43 | 8 | 11 | 7 | 26 | 2 |
| 01:45 PM | 12 | 13 | 5 | 30 | 5 | 21 | 14 | 40 | 4 | 16 | 10 | 30 | 2 |
| Total | 37 | 47 | 10 | 94 | 26 | 89 | 48 | 163 | 22 | 56 | 46 | 124 | 7 |
| Grand Total | 66 | 97 | 21 | 184 | 57 | 163 | 72 | 292 | 45 | 97 | 71 | 213 | 15 |
| Approach % | 35.9 | 52.7 | 11.4 | 21.1 | 55.8 | 24.7 | 21.1 | 45.5 | 33.3 | 3.1 | 11 | 8.1 | 24.3 |
| Total % | 7.5 | 11 | 2.4 | 21 | 6.5 | 18.6 | 8.2 | 33.3 | 3.1 | 11 | 8.1 | 24.3 | 1.7 |



Peak Hour Analysis From 12:00 PM to 01:45 PM - Peak 1 of 1
Peak Hour for Entire Approach Begins at:

| | 01:00 PM | | | 01:15 PM | | | 01:30 PM | | | 01:45 PM | | |
|--------------|----------|------|------|----------|------|------|----------|------|------|----------|------|------|
| +0 min. | 8 | 2 | 18 | 8 | 28 | 7 | 43 | 4 | 11 | 16 | 31 | 4 |
| +15 min. | 16 | 16 | 2 | 20 | 6 | 18 | 15 | 37 | 8 | 18 | 15 | 7 |
| +30 min. | 6 | 10 | 1 | 17 | 7 | 19 | 17 | 43 | 8 | 11 | 7 | 26 |
| +45 min. | 12 | 13 | 5 | 30 | 5 | 21 | 14 | 40 | 4 | 16 | 10 | 30 |
| Total Volume | 37 | 47 | 10 | 94 | 26 | 89 | 48 | 163 | 22 | 56 | 46 | 124 |
| % App. Total | 39.4 | 50 | 10.6 | 16 | 54.6 | 29.4 | 17.7 | 45.2 | 37.1 | 7.8 | 69.9 | 27.3 |
| PHF | .771 | .734 | .500 | .783 | .813 | .795 | .706 | .948 | .688 | .778 | .719 | .838 |

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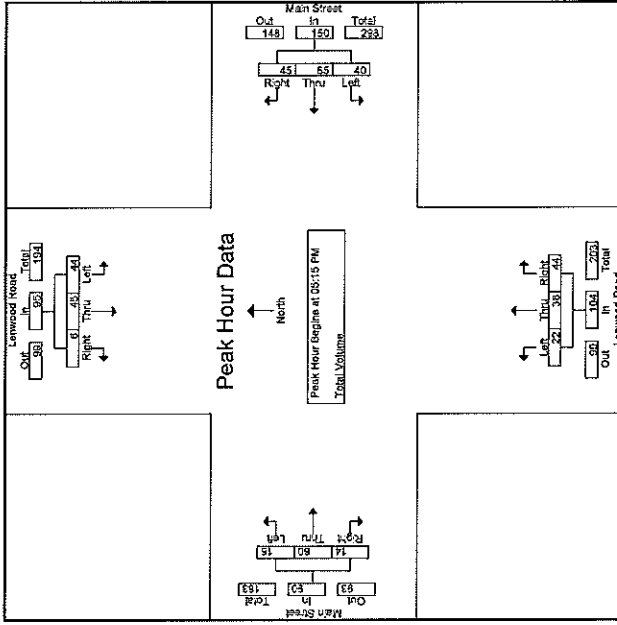
File Name : BARLEMAPMSAT
Site Code : 9036053
Start Date : 2/7/2009
Page No : 12

City of Barstow
N/S: Lenwood Road
E/W: Main Street
Weather: Sunny

Counts Unlimited Inc.
25288 Jackson Avenue
Morano Valley, CA 92557
951-485-7834

File Name : BARLEMAPMSAT
Site Code : 9036053
Start Date : 2/7/2009
Page No : 1

City of Barstow
N/S: Lenwood Road
E/W: Main Street
Weather: Sunny



| Start Time | Lenwood Road Southbound | | | Main Street Westbound | | | Lenwood Road Northbound | | | Main Street Eastbound | | |
|-------------|-------------------------|------|-------|-----------------------|------|-------|-------------------------|------|-------|-----------------------|------|-------|
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right |
| 05:00 PM | 6 | 4 | 16 | 7 | 11 | 27 | 7 | 10 | 24 | 1 | 15 | 2 |
| 05:15 PM | 13 | 13 | 1 | 7 | 20 | 10 | 6 | 13 | 25 | 4 | 19 | 3 |
| 05:30 PM | 8 | 11 | 0 | 13 | 13 | 10 | 3 | 12 | 13 | 28 | 4 | 16 |
| 05:45 PM | 10 | 10 | 3 | 10 | 16 | 14 | 6 | 11 | 3 | 20 | 3 | 14 |
| Total | 37 | 40 | 8 | 37 | 58 | 45 | 22 | 36 | 39 | 97 | 14 | 64 |
| 06:00 PM | 13 | 11 | 2 | 10 | 16 | 11 | 7 | 9 | 15 | 31 | 3 | 17 |
| 06:15 PM | 11 | 4 | 2 | 6 | 13 | 11 | 20 | 12 | 7 | 26 | 4 | 12 |
| 06:30 PM | 11 | 4 | 5 | 9 | 23 | 8 | 40 | 2 | 9 | 11 | 22 | 8 |
| 06:45 PM | 7 | 7 | 2 | 11 | 10 | 7 | 24 | 1 | 7 | 13 | 21 | 4 |
| Total | 37 | 26 | 11 | 35 | 59 | 37 | 131 | 17 | 37 | 46 | 100 | 13 |
| Grand Total | 74 | 66 | 19 | 72 | 117 | 82 | 271 | 39 | 73 | 85 | 197 | 27 |
| Approach % | 46.5 | 41.5 | 11.9 | 26.6 | 43.2 | 30.3 | 19.8 | 37.1 | 43.1 | 17.2 | 68.8 | 14 |
| Total % | 9.4 | 8.4 | 2.4 | 9.2 | 14.9 | 10.5 | 34.6 | 5 | 9.3 | 10.8 | 25.1 | 3.4 |

| Start Time | Lenwood Road Southbound | | | Main Street Westbound | | | Lenwood Road Northbound | | | Main Street Eastbound | | |
|--------------|-------------------------|------|-------|-----------------------|------|-------|-------------------------|------|-------|-----------------------|------|-------|
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right |
| 05:15 PM | 13 | 13 | 1 | 7 | 20 | 10 | 6 | 13 | 25 | 4 | 19 | 3 |
| 05:30 PM | 8 | 11 | 0 | 13 | 13 | 10 | 3 | 12 | 13 | 28 | 4 | 16 |
| 05:45 PM | 10 | 10 | 3 | 10 | 16 | 14 | 6 | 11 | 3 | 20 | 3 | 14 |
| Total | 44 | 44 | 4 | 30 | 49 | 34 | 22 | 38 | 44 | 104 | 16 | 60 |
| % App. Total | 46.3 | 47.4 | 6.3 | 26.7 | 43.3 | 30 | 21.2 | 36.5 | 42.3 | 17.8 | 65.7 | 15.6 |
| PHF | 866 | 865 | 880 | 769 | 813 | 804 | 938 | 786 | 792 | 733 | 839 | 890 |

Peak Hour Analysis From 05:00 PM to 08:45 PM - Peak 1 of 1

| Start Time | Lenwood Road Southbound | | | Main Street Westbound | | | Lenwood Road Northbound | | | Main Street Eastbound | | |
|--------------|-------------------------|------|-------|-----------------------|------|-------|-------------------------|------|-------|-----------------------|------|-------|
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right |
| 05:15 PM | 13 | 13 | 1 | 7 | 27 | 10 | 6 | 13 | 25 | 3 | 12 | 13 |
| +1.5 miles | 8 | 11 | 0 | 19 | 13 | 10 | 36 | 6 | 11 | 3 | 20 | 4 |
| +3.0 miles | 10 | 10 | 3 | 23 | 10 | 16 | 14 | 40 | 7 | 9 | 15 | 31 |
| +4.5 miles | 13 | 11 | 2 | 26 | 10 | 16 | 11 | 37 | 7 | 12 | 7 | 26 |
| Total Volume | 44 | 45 | 6 | 95 | 40 | 65 | 45 | 150 | 23 | 44 | 38 | 105 |
| % App. Total | 46.3 | 47.4 | 6.3 | 26.7 | 43.3 | 30 | 21.0 | 36.2 | 41.9 | 15.4 | 70.3 | 14.3 |
| PHF | 866 | 865 | 880 | 769 | 813 | 804 | 938 | 786 | 792 | 733 | 839 | 890 |

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File Name : BARS8EMAMDSAT
Site Code : 9036083
Start Date : 2/7/2009
Page No : 2

City of Barstow
N/S: SR-58 Eastbound Ramps
EW: Main Street
Weather: Sunny

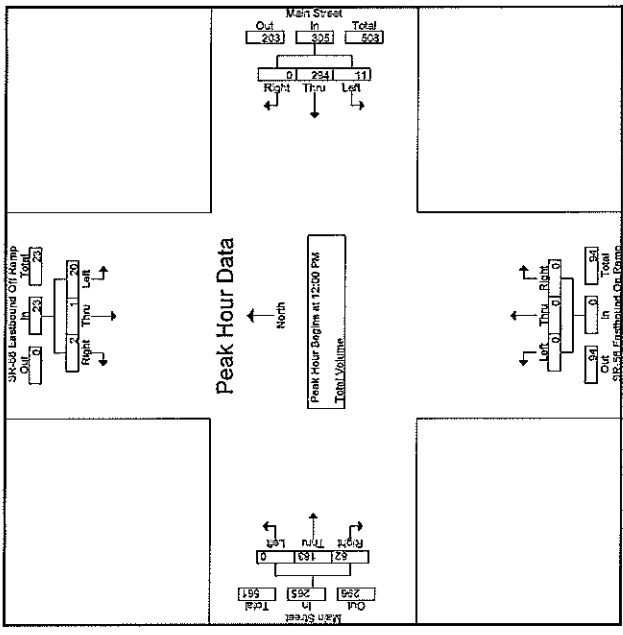
Counts Unlimited Inc.
25286 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7834

File Name : BARS8EMAMDSAT
Site Code : 9036083
Start Date : 2/7/2009
Page No : 1

City of Barstow
N/S: SR-58 Eastbound Ramps
EW: Main Street
Weather: Sunny

| Start Time | SR-58 Eastbound Off Ramp | | | | Main Street | | | | SR-58 Eastbound On Ramp | | | | Main Street | | | |
|-------------|--------------------------|------|-------|----------|-------------|------|-------|----------|-------------------------|------|-------|----------|-------------|------|-------|----------|
| | Left | Thru | Right | Am. Tot. | Westbound | Thru | Right | Am. Tot. | Left | Thru | Right | Am. Tot. | Left | Thru | Right | Am. Tot. |
| 01:00 PM | 7 | 0 | 1 | 8 | 0 | 68 | 0 | 71 | 0 | 0 | 0 | 0 | 0 | 44 | 22 | 66 |
| 01:15 PM | 3 | 1 | 5 | 9 | 6 | 68 | 0 | 74 | 0 | 0 | 0 | 0 | 48 | 26 | 74 | |
| 12:00 PM | 4 | 0 | 4 | 8 | 0 | 76 | 0 | 80 | 0 | 0 | 0 | 0 | 40 | 26 | 66 | |
| 12:45 PM | 6 | 0 | 6 | 12 | 1 | 70 | 0 | 71 | 0 | 0 | 0 | 0 | 44 | 18 | 62 | |
| Total | 20 | 1 | 2 | 23 | 11 | 294 | 0 | 305 | 0 | 0 | 0 | 0 | 183 | 82 | 265 | 593 |
| Grand Total | 42 | 1 | 5 | 48 | 28 | 561 | 0 | 589 | 0 | 0 | 0 | 0 | 349 | 182 | 531 | 1168 |
| Approach % | 87.5 | 2.1 | 10.4 | 100 | 4.8 | 95.2 | 0 | 100 | 0 | 0 | 0 | 0 | 65.7 | 34.3 | 100 | 100 |
| Total % | 3.6 | 0.1 | 0.4 | 4.1 | 2.4 | 48 | 0 | 50.4 | 0 | 0 | 0 | 0 | 29.9 | 15.6 | 45.5 | 100 |

| Start Time | SR-58 Eastbound Off Ramp | | | | Main Street | | | | SR-58 Eastbound On Ramp | | | | Main Street | | | |
|--------------|--------------------------|------|-------|----------|-------------|------|-------|----------|-------------------------|------|-------|----------|-------------|------|-------|----------|
| | Left | Thru | Right | Am. Tot. | Westbound | Thru | Right | Am. Tot. | Left | Thru | Right | Am. Tot. | Left | Thru | Right | Am. Tot. |
| 12:00 PM | 7 | 0 | 1 | 8 | 0 | 80 | 0 | 84 | 0 | 0 | 0 | 0 | 0 | 45 | 26 | 71 |
| 12:15 PM | 3 | 1 | 5 | 9 | 6 | 68 | 0 | 74 | 0 | 0 | 0 | 0 | 50 | 23 | 73 | |
| 12:30 PM | 4 | 0 | 4 | 8 | 0 | 76 | 0 | 80 | 0 | 0 | 0 | 0 | 44 | 18 | 62 | |
| 12:45 PM | 6 | 0 | 6 | 12 | 1 | 70 | 0 | 71 | 0 | 0 | 0 | 0 | 44 | 15 | 59 | |
| Total Volume | 20 | 1 | 2 | 23 | 11 | 294 | 0 | 305 | 0 | 0 | 0 | 0 | 183 | 82 | 265 | 593 |
| % App. Total | 87 | 4.3 | 8.7 | 100 | 3.6 | 96.4 | 0 | 100 | 0 | 0 | 0 | 0 | 69.1 | 30.9 | 100 | 100 |
| PHF | 71.4 | 2.50 | 500 | 71.9 | 4.58 | 91.9 | .000 | 90.8 | .000 | .000 | .000 | .000 | 91.5 | 79.8 | 90.8 | 91.0 |



Peak Hour Analysis From 12:00 PM to 01:45 PM - Peak 1 of 1
Peak Hour for East Approach Begins at

| | 12:00 PM | 12:15 PM | 12:30 PM | 12:45 PM | Total | % App. Total |
|--------------|----------|----------|----------|----------|-------|--------------|
| +0 mins. | 6 | 4 | 80 | 0 | 84 | 0 |
| +15 mins. | 7 | 6 | 68 | 0 | 81 | 0 |
| +30 mins. | 6 | 0 | 76 | 0 | 82 | 0 |
| +45 mins. | 6 | 26 | 11 | 27 | 70 | 0 |
| Total Volume | 20 | 3 | 26 | 31 | 80 | 0 |
| % App. Total | 87.5 | 11.5 | 31.1 | 33.8 | 100 | 0 |
| PHF | 87.1 | 1.00 | 75.0 | 81.3 | 45.8 | 91.9 |

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951-485-7834

City of Barstow
N/S: SR-58 Eastbound Ramps
E/W: Main Street
Weather: Sunny

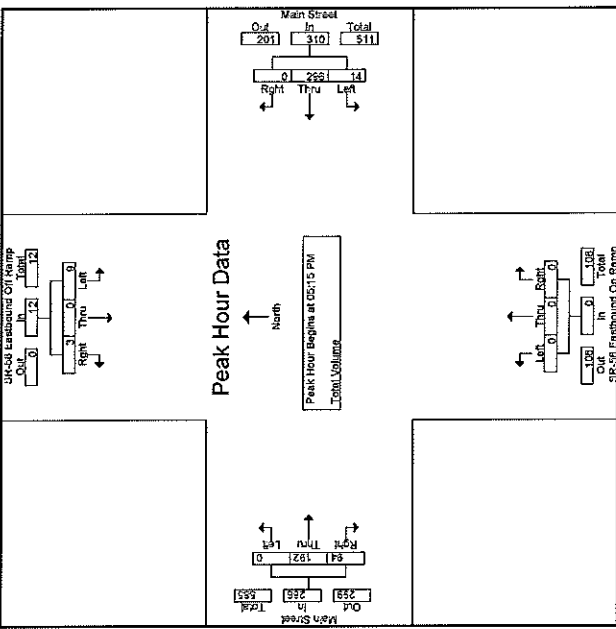
File Name : BAR58EMAPMSAT
Site Code : 9036057
Start Date : 2/7/2009
Page No : 1

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Moreno Valley, CA 92557
951-485-7834

City of Barstow
N/S: SR-58 Eastbound Ramps
E/W: Main Street
Weather: Sunny

File Name : BAR58EMAPMSAT
Site Code : 9036057
Start Date : 2/7/2009
Page No : 2

| Start Time | SR-58 Eastbound Off Ramp | | | Main Street | | | SR-58 Eastbound On Ramp | | | Main Street | | |
|-------------|--------------------------|------|-------|-------------|------|-------|-------------------------|------|-------|-------------|------|-------|
| | Left | Thru | Right | Westbound | Thru | Right | Left | Thru | Right | Westbound | Thru | Right |
| 05:00 PM | 3 | 0 | 0 | 0 | 65 | 0 | 0 | 0 | 0 | 0 | 29 | 28 |
| 05:15 PM | 2 | 0 | 1 | 3 | 70 | 0 | 0 | 0 | 0 | 0 | 35 | 28 |
| 05:30 PM | 2 | 0 | 0 | 2 | 71 | 0 | 0 | 0 | 0 | 0 | 45 | 21 |
| 05:45 PM | 2 | 0 | 0 | 7 | 71 | 0 | 0 | 0 | 0 | 0 | 55 | 25 |
| Total | 10 | 0 | 1 | 13 | 287 | 0 | 0 | 0 | 0 | 0 | 190 | 102 |
| 06:00 PM | 2 | 0 | 0 | 3 | 74 | 0 | 0 | 0 | 0 | 0 | 41 | 20 |
| 06:15 PM | 4 | 0 | 1 | 5 | 70 | 0 | 0 | 0 | 0 | 0 | 41 | 28 |
| 06:30 PM | 3 | 0 | 3 | 0 | 68 | 0 | 0 | 0 | 0 | 0 | 35 | 20 |
| 06:45 PM | 1 | 0 | 0 | 3 | 55 | 0 | 0 | 0 | 0 | 0 | 39 | 22 |
| Total | 10 | 0 | 1 | 11 | 267 | 0 | 0 | 0 | 0 | 0 | 156 | 90 |
| Grand Total | 20 | 0 | 4 | 24 | 554 | 0 | 0 | 0 | 0 | 0 | 346 | 192 |
| Approach % | 83.3 | 0 | 16.7 | 4 | 96 | 0 | 0 | 0 | 0 | 0 | 64.3 | 35.7 |
| Total % | 1.8 | 0 | 0.4 | 2.1 | 48.6 | 0 | 0 | 0 | 0 | 0 | 30.4 | 16.9 |



Peak Hour Analysis From 05:00 PM to 06:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

| | 05:00 PM | | | 05:15 PM | | | 05:30 PM | | | 05:45 PM | | | 06:00 PM | | |
|--------------|----------|------|------|----------|------|------|----------|------|------|----------|------|------|----------|------|------|
| +0 mins. | 3 | 0 | 0 | 3 | 1 | 81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| +15 mins. | 2 | 0 | 2 | 4 | 7 | 71 | 0 | 78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| +30 mins. | 2 | 0 | 0 | 2 | 3 | 74 | 0 | 77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| +45 mins. | 1 | 4 | 0 | 3 | 15 | 6 | 70 | 0 | 76 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 11 | 4 | 0 | 14 | 17 | 296 | 0 | 313 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| % App. Total | .688 | .000 | .375 | .700 | .007 | .314 | .000 | .009 | .954 | .000 | .000 | .000 | .000 | .000 | .000 |
| PHF | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |

| Start Time | SR-58 Eastbound Off Ramp | | | Main Street | | | SR-58 Eastbound On Ramp | | | Main Street | | |
|--------------|--------------------------|------|-------|-------------|------|-------|-------------------------|------|-------|-------------|------|-------|
| | Left | Thru | Right | Westbound | Thru | Right | Left | Thru | Right | Westbound | Thru | Right |
| 05:00 PM | 3 | 0 | 0 | 0 | 73 | 0 | 0 | 0 | 0 | 0 | 55 | 28 |
| 05:15 PM | 2 | 0 | 1 | 3 | 81 | 0 | 0 | 0 | 0 | 0 | 31 | 21 |
| 05:30 PM | 2 | 0 | 0 | 2 | 71 | 0 | 0 | 0 | 0 | 0 | 65 | 25 |
| 05:45 PM | 2 | 0 | 0 | 7 | 74 | 0 | 0 | 0 | 0 | 0 | 41 | 20 |
| Total | 9 | 0 | 1 | 12 | 296 | 0 | 0 | 0 | 0 | 0 | 192 | 94 |
| % App. Total | .75 | 0 | .25 | 4.5 | 95.5 | 0 | 0 | 0 | 0 | 0 | 67.1 | 32.9 |
| PHF | .000 | .000 | .375 | .750 | .500 | .914 | .000 | .000 | .000 | .000 | .738 | .859 |

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Moreno Valley, CA 92557
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City of Barstow
NIS: SR-58 Westbound Ramps
E/W: Main Street
Weather: Sunny

File Name : BAR58WMMAMDSAT
Site Code : 9036033
Start Date : 2/7/2009
Page No : 1

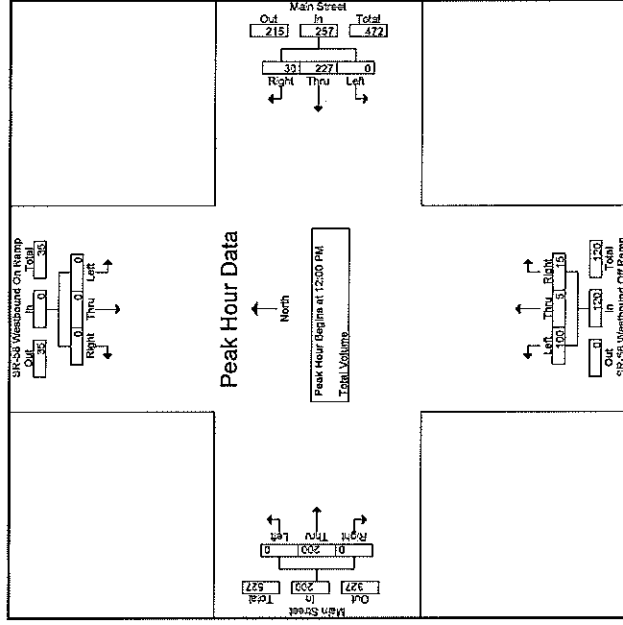
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Moreno Valley, CA 92557
951-485-7934

City of Barstow
NIS: SR-58 Westbound Ramps
E/W: Main Street
Weather: Sunny

File Name : BAR58WMMAMDSAT
Site Code : 9036033
Start Date : 2/7/2009
Page No : 2

| Start Time | SR-58 Westbound On Ramp | | | | Main Street Westbound | | | | SR-58 Westbound Off Ramp | | | | Main Street Eastbound | | | |
|--------------------|-------------------------|----------|----------|----------|-----------------------|-----------|------------|------------|--------------------------|-----------|------------|----------|-----------------------|----------|------------|-------------|
| | Left | Thru | Right | Am.Total | Left | Thru | Right | Am.Total | Left | Thru | Right | Am.Total | Left | Thru | Right | Am.Total |
| 12:00 PM | 0 | 0 | 0 | 0 | 0 | 66 | 7 | 73 | 0 | 33 | 0 | 33 | 0 | 53 | 0 | 53 |
| 12:15 PM | 0 | 0 | 0 | 0 | 54 | 7 | 61 | 25 | 0 | 28 | 0 | 28 | 0 | 50 | 0 | 50 |
| 12:30 PM | 0 | 0 | 0 | 0 | 56 | 10 | 66 | 30 | 3 | 35 | 0 | 35 | 0 | 48 | 0 | 48 |
| 12:45 PM | 0 | 0 | 0 | 0 | 51 | 7 | 58 | 20 | 4 | 24 | 0 | 24 | 0 | 45 | 0 | 45 |
| Total | 0 | 0 | 0 | 0 | 227 | 30 | 257 | 100 | 5 | 15 | 130 | 0 | 200 | 0 | 200 | 577 |
| 01:00 PM | 0 | 0 | 0 | 0 | 55 | 4 | 59 | 20 | 1 | 6 | 27 | 1 | 49 | 0 | 50 | 136 |
| 01:15 PM | 0 | 0 | 0 | 0 | 50 | 5 | 55 | 35 | 1 | 37 | 1 | 37 | 1 | 52 | 0 | 53 |
| 01:30 PM | 0 | 0 | 0 | 0 | 57 | 9 | 66 | 16 | 0 | 17 | 0 | 17 | 0 | 47 | 0 | 47 |
| 01:45 PM | 0 | 0 | 0 | 0 | 37 | 8 | 45 | 29 | 0 | 33 | 0 | 33 | 0 | 42 | 0 | 42 |
| Total | 0 | 0 | 0 | 0 | 199 | 26 | 225 | 100 | 2 | 12 | 114 | 2 | 190 | 0 | 192 | 531 |
| Grand Total | 0 | 0 | 0 | 0 | 426 | 56 | 482 | 200 | 7 | 27 | 234 | 2 | 390 | 0 | 392 | 1108 |
| Approach % | | | | | 88.4 | 11.6 | 85.5 | 3 | 11.5 | 3 | 21.1 | 0.5 | 99.5 | 0 | 35.2 | 0 |
| Total % | | | | | 38.4 | 5.1 | 43.5 | 18.1 | 0.6 | 2.4 | 21.1 | 0.2 | 35.2 | 0 | 35.4 | 0 |

| Start Time | SR-58 Westbound On Ramp | | | | Main Street Westbound | | | | SR-58 Westbound Off Ramp | | | | Main Street Eastbound | | | |
|--------------|-------------------------|----------|----------|----------|-----------------------|-----------|------------|------------|--------------------------|-----------|------------|----------|-----------------------|----------|------------|------------|
| | Left | Thru | Right | Am.Total | Left | Thru | Right | Am.Total | Left | Thru | Right | Am.Total | Left | Thru | Right | Am.Total |
| 12:00 PM | 0 | 0 | 0 | 0 | 66 | 6 | 72 | 25 | 2 | 6 | 33 | 0 | 53 | 0 | 53 | 158 |
| 12:15 PM | 0 | 0 | 0 | 0 | 54 | 7 | 61 | 25 | 0 | 3 | 28 | 0 | 50 | 0 | 50 | 139 |
| 12:30 PM | 0 | 0 | 0 | 0 | 56 | 10 | 66 | 30 | 3 | 35 | 0 | 35 | 0 | 48 | 0 | 48 |
| 12:45 PM | 0 | 0 | 0 | 0 | 51 | 7 | 58 | 20 | 4 | 24 | 0 | 24 | 0 | 45 | 0 | 45 |
| Total | 0 | 0 | 0 | 0 | 227 | 30 | 257 | 100 | 5 | 15 | 130 | 0 | 200 | 0 | 200 | 577 |
| % App. Total | | | | | 88.3 | 11.7 | 85.3 | 4.7 | 12.5 | 8.7 | 21.5 | 0.0 | 100 | 0 | 94.3 | 91.3 |



Peak Hour Analysis From 12:00 PM to 01:45 PM - Peak 1 of 1

| Start Time | SR-58 Westbound On Ramp | | | | Main Street Westbound | | | | SR-58 Westbound Off Ramp | | | | Main Street Eastbound | | | |
|---------------------|-------------------------|----------|----------|----------|-----------------------|-----------|------------|------------|--------------------------|-----------|------------|----------|-----------------------|----------|------------|------------|
| | Left | Thru | Right | Am.Total | Left | Thru | Right | Am.Total | Left | Thru | Right | Am.Total | Left | Thru | Right | Am.Total |
| 12:00 PM | 0 | 0 | 0 | 0 | 66 | 7 | 73 | 25 | 2 | 6 | 33 | 0 | 53 | 0 | 53 | 158 |
| +15 mins | 0 | 0 | 0 | 0 | 54 | 7 | 61 | 25 | 0 | 3 | 28 | 0 | 50 | 0 | 50 | 139 |
| +30 mins | 0 | 0 | 0 | 0 | 56 | 10 | 66 | 30 | 3 | 35 | 0 | 35 | 0 | 48 | 0 | 48 |
| +45 mins | 0 | 0 | 0 | 0 | 51 | 7 | 58 | 20 | 4 | 24 | 0 | 24 | 0 | 45 | 0 | 45 |
| Total Volume | 0 | 0 | 0 | 0 | 227 | 30 | 257 | 100 | 5 | 15 | 130 | 0 | 200 | 0 | 200 | 577 |
| % App. Total | | | | | 88.3 | 11.7 | 85.3 | 4.7 | 12.5 | 8.7 | 21.5 | 0.0 | 100 | 0 | 94.3 | 91.3 |

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Monro Valley, CA 92557
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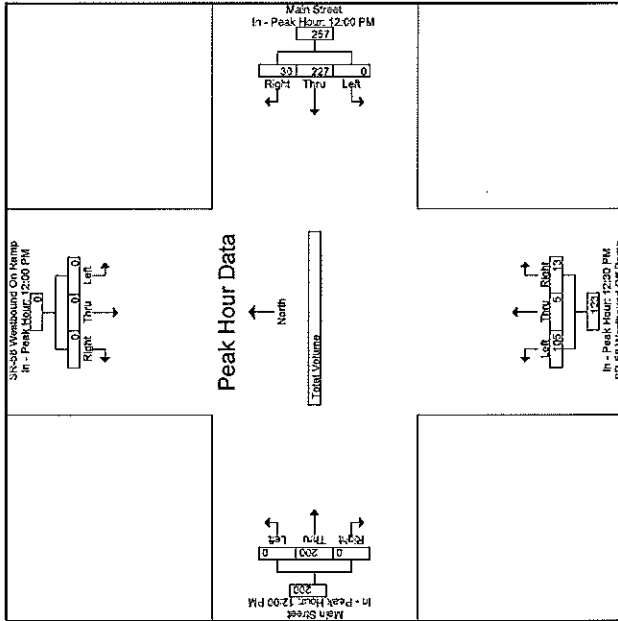
City of Barstow
N/S: SR-58 Westbound Ramps
E/W: Main Street
Weather: Sunny

File Name : BARS8VMMAMDSAT
Site Code : 9036033
Start Date : 2/7/2008
Page No : 3

Counts Unlimited Inc.
25288 Joclyn Avenue
Monro Valley, CA 92557
951-485-7934

City of Barstow
N/S: SR-58 Westbound Ramps
E/W: Main Street
Weather: Sunny

File Name : BARS8VMMAPMSAT
Site Code : 9036033
Start Date : 2/7/2008
Page No : 1



| Start Time | SR-58 Westbound On Ramp | | | Main Street Westbound | | | SR-58 Westbound Off Ramp | | | Main Street Eastbound | | | | |
|-------------|-------------------------|------|-------|-----------------------|------|-------|--------------------------|------|-------|-----------------------|------|-------|------|-----|
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | | |
| 05:00 PM | 0 | 0 | 0 | 0 | 42 | 5 | 47 | 27 | 0 | 1 | 28 | 0 | 44 | 119 |
| 05:15 PM | 0 | 0 | 0 | 0 | 41 | 5 | 46 | 32 | 0 | 2 | 34 | 1 | 49 | 130 |
| 05:30 PM | 0 | 0 | 0 | 0 | 51 | 2 | 53 | 38 | 0 | 1 | 39 | 0 | 50 | 115 |
| 05:45 PM | 0 | 0 | 0 | 0 | 57 | 2 | 59 | 31 | 0 | 1 | 32 | 0 | 61 | 150 |
| Total | 0 | 0 | 0 | 0 | 187 | 20 | 207 | 117 | 0 | 5 | 122 | 1 | 184 | 514 |
| 06:00 PM | 0 | 0 | 0 | 0 | 39 | 2 | 41 | 35 | 0 | 3 | 38 | 0 | 35 | 114 |
| 06:15 PM | 0 | 0 | 0 | 0 | 47 | 6 | 53 | 27 | 0 | 1 | 28 | 0 | 40 | 121 |
| 06:30 PM | 0 | 0 | 0 | 0 | 38 | 4 | 42 | 29 | 0 | 2 | 31 | 2 | 35 | 110 |
| 06:45 PM | 0 | 0 | 0 | 0 | 36 | 7 | 43 | 27 | 2 | 3 | 32 | 1 | 38 | 114 |
| Total | 0 | 0 | 0 | 0 | 160 | 19 | 179 | 118 | 2 | 9 | 129 | 3 | 148 | 459 |
| Grand Total | 0 | 0 | 0 | 0 | 347 | 39 | 386 | 235 | 2 | 14 | 251 | 4 | 332 | 973 |
| Approach % | 0 | 0 | 0 | 0 | 89.9 | 10.1 | 93.6 | 0.8 | 5.6 | 1.2 | 98.8 | 0 | 34.1 | 0 |
| Total % | 0 | 0 | 0 | 0 | 35.7 | 4 | 39.7 | 24.2 | 0.2 | 1.4 | 25.8 | 0.4 | 34.1 | 0 |

| Start Time | SR-58 Westbound On Ramp | | | Main Street Westbound | | | SR-58 Westbound Off Ramp | | | Main Street Eastbound | | | | |
|-------------|-------------------------|------|-------|-----------------------|------|-------|--------------------------|------|-------|-----------------------|------|-------|------|-----|
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | | |
| 05:00 PM | 0 | 0 | 0 | 0 | 42 | 5 | 47 | 27 | 0 | 1 | 28 | 0 | 44 | 119 |
| 05:15 PM | 0 | 0 | 0 | 0 | 41 | 5 | 46 | 32 | 0 | 2 | 34 | 1 | 49 | 130 |
| 05:30 PM | 0 | 0 | 0 | 0 | 51 | 2 | 53 | 38 | 0 | 1 | 39 | 0 | 50 | 115 |
| 05:45 PM | 0 | 0 | 0 | 0 | 57 | 2 | 59 | 31 | 0 | 1 | 32 | 0 | 61 | 150 |
| Total | 0 | 0 | 0 | 0 | 187 | 20 | 207 | 117 | 0 | 5 | 122 | 1 | 184 | 514 |
| 06:00 PM | 0 | 0 | 0 | 0 | 39 | 2 | 41 | 35 | 0 | 3 | 38 | 0 | 35 | 114 |
| 06:15 PM | 0 | 0 | 0 | 0 | 47 | 6 | 53 | 27 | 0 | 1 | 28 | 0 | 40 | 121 |
| 06:30 PM | 0 | 0 | 0 | 0 | 38 | 4 | 42 | 29 | 0 | 2 | 31 | 2 | 35 | 110 |
| 06:45 PM | 0 | 0 | 0 | 0 | 36 | 7 | 43 | 27 | 2 | 3 | 32 | 1 | 38 | 114 |
| Total | 0 | 0 | 0 | 0 | 160 | 19 | 179 | 118 | 2 | 9 | 129 | 3 | 148 | 459 |
| Grand Total | 0 | 0 | 0 | 0 | 347 | 39 | 386 | 235 | 2 | 14 | 251 | 4 | 332 | 973 |
| Approach % | 0 | 0 | 0 | 0 | 89.9 | 10.1 | 93.6 | 0.8 | 5.6 | 1.2 | 98.8 | 0 | 34.1 | 0 |
| Total % | 0 | 0 | 0 | 0 | 35.7 | 4 | 39.7 | 24.2 | 0.2 | 1.4 | 25.8 | 0.4 | 34.1 | 0 |

| Start Time | SR-58 Westbound On Ramp | | | Main Street Westbound | | | SR-58 Westbound Off Ramp | | | Main Street Eastbound | | | | |
|--------------|-------------------------|------|-------|-----------------------|-------|-------|--------------------------|------|-------|-----------------------|-------|-------|-------|-------|
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | | |
| 05:00 PM | 0 | 0 | 0 | 0 | 42 | 5 | 47 | 27 | 0 | 1 | 28 | 0 | 44 | 119 |
| 05:15 PM | 0 | 0 | 0 | 0 | 41 | 5 | 46 | 32 | 0 | 2 | 34 | 1 | 49 | 130 |
| 05:30 PM | 0 | 0 | 0 | 0 | 51 | 2 | 53 | 38 | 0 | 1 | 39 | 0 | 50 | 115 |
| 05:45 PM | 0 | 0 | 0 | 0 | 57 | 2 | 59 | 31 | 0 | 1 | 32 | 0 | 61 | 150 |
| Total | 0 | 0 | 0 | 0 | 187 | 20 | 207 | 117 | 0 | 5 | 122 | 1 | 184 | 514 |
| % App. Total | 0.00 | 0.00 | 0.00 | 0.00 | 89.3 | 9.7 | 95.0 | 0.4 | 0.0 | 4.1 | 0.5 | 0.5 | 0.0 | 18.5 |
| PHF | 0.00 | 0.00 | 0.00 | 0.00 | 0.892 | 1.000 | 0.892 | 0.14 | 0.000 | 0.625 | 0.897 | 0.50 | 0.754 | 0.857 |

Counts Unlimited Inc.
25286 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7934

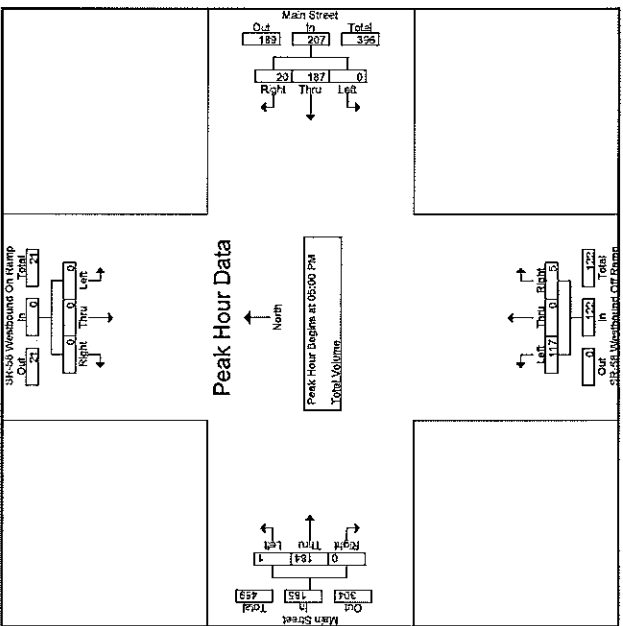
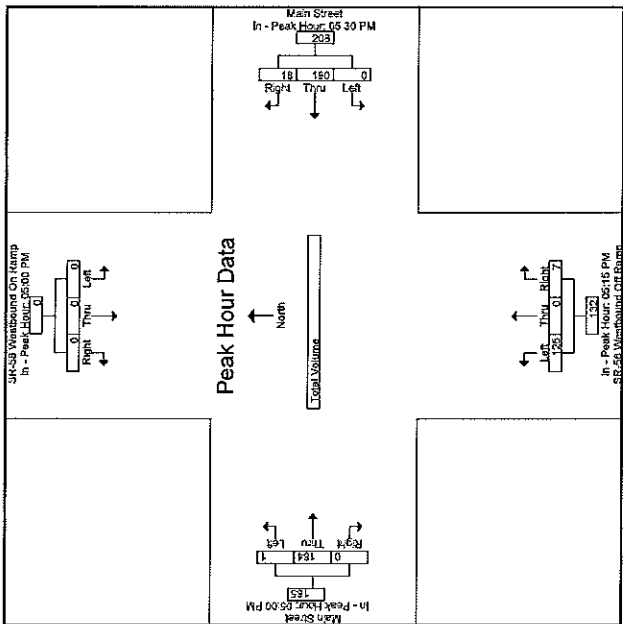
City of Boregow
NIS: SR-58 Westbound Ramps
E/W: Hillen Street
Weather: Sunny

File Name : BARSBWMAPIHSAT
Site Code : 9036033
Start Date : 2/7/2009
Page No : 2

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Moreno Valley, CA 92557
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City of Boregow
NIS: SR-58 Westbound Ramps
E/W: Hillen Street
Weather: Sunny

File Name : BARSBWMAPIHSAT
Site Code : 9036033
Start Date : 2/7/2009
Page No : 2



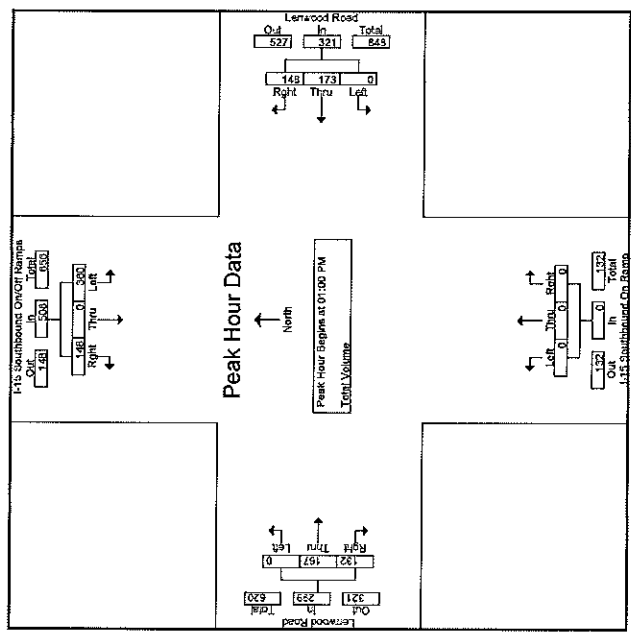
Peak Hour Analysis From 05:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach, Best-fit:

| | 05:00 PM | 05:15 PM | 05:30 PM | 05:45 PM |
|--------------|----------|----------|----------|----------|
| +0 mphs | 0 | 5 | 32 | 0 |
| +1.5 mphs | 0 | 5 | 58 | 28 |
| +30 mphs | 0 | 0 | 41 | 30 |
| +45 mphs | 0 | 0 | 6 | 61 |
| Total Volume | 0 | 190 | 208 | 184 |
| % App. Total | 0.00 | 91.3 | 94.7 | 86.5 |
| PHF | .000 | .000 | .000 | .000 |

Counts Printed: Total Volume

| Start Time | I-15 Southbound On/Off Ramps | | | Lenwood Road Westbound | | | I-15 Southbound On Ramp | | | Lenwood Road Eastbound | | | | |
|-------------|------------------------------|------|-------|------------------------|------|-------|-------------------------|------|-------|------------------------|------|-------|------|------|
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | | |
| 12:00 PM | 71 | 0 | 40 | 111 | 0 | 37 | 41 | 78 | 0 | 0 | 0 | 33 | 41 | 74 |
| 12:15 PM | 95 | 0 | 42 | 137 | 0 | 32 | 33 | 65 | 0 | 0 | 0 | 35 | 29 | 64 |
| 12:30 PM | 72 | 0 | 33 | 105 | 0 | 28 | 48 | 76 | 0 | 0 | 0 | 38 | 38 | 76 |
| 12:45 PM | 52 | 0 | 41 | 93 | 0 | 38 | 41 | 79 | 0 | 0 | 0 | 38 | 35 | 73 |
| Total | 320 | 0 | 156 | 476 | 0 | 135 | 163 | 298 | 0 | 0 | 0 | 144 | 143 | 287 |
| 01:00 PM | 97 | 0 | 27 | 124 | 0 | 48 | 36 | 84 | 0 | 0 | 0 | 35 | 37 | 72 |
| 01:15 PM | 86 | 0 | 45 | 131 | 0 | 57 | 47 | 104 | 0 | 0 | 0 | 34 | 35 | 69 |
| 01:30 PM | 89 | 0 | 40 | 129 | 0 | 33 | 40 | 73 | 0 | 0 | 0 | 46 | 20 | 66 |
| 01:45 PM | 88 | 0 | 36 | 124 | 0 | 35 | 25 | 60 | 0 | 0 | 0 | 52 | 40 | 92 |
| Total | 360 | 0 | 148 | 508 | 0 | 173 | 148 | 321 | 0 | 0 | 0 | 167 | 132 | 299 |
| Grand Total | 680 | 0 | 304 | 984 | 0 | 308 | 311 | 619 | 0 | 0 | 0 | 311 | 275 | 586 |
| Approach % | 60.1 | 0 | 30.9 | 60.9 | 0 | 49.8 | 50.2 | 28.3 | 0 | 0 | 0 | 53.1 | 46.9 | 26.8 |
| Total % | 31.1 | 0 | 13.9 | 45 | 0 | 14.1 | 14.2 | 28.3 | 0 | 0 | 0 | 14.2 | 12.6 | 26.8 |

| Start Time | I-15 Southbound On/Off Ramps | | | Lenwood Road Westbound | | | I-15 Southbound On Ramp | | | Lenwood Road Eastbound | | | | |
|--------------|------------------------------|------|-------|------------------------|------|-------|-------------------------|------|-------|------------------------|------|-------|------|------|
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | | |
| 01:00 PM | 97 | 0 | 27 | 124 | 0 | 48 | 36 | 84 | 0 | 0 | 0 | 35 | 37 | 72 |
| 01:15 PM | 86 | 0 | 45 | 131 | 0 | 57 | 47 | 104 | 0 | 0 | 0 | 34 | 35 | 69 |
| 01:30 PM | 89 | 0 | 40 | 129 | 0 | 33 | 40 | 73 | 0 | 0 | 0 | 46 | 20 | 66 |
| 01:45 PM | 88 | 0 | 36 | 124 | 0 | 35 | 25 | 60 | 0 | 0 | 0 | 52 | 40 | 92 |
| Total Volume | 360 | 0 | 148 | 508 | 0 | 173 | 148 | 321 | 0 | 0 | 0 | 167 | 132 | 299 |
| % App. Total | 70.9 | 0 | 29.1 | 70.9 | 0 | 53.0 | 46.1 | 28.3 | 0 | 0 | 0 | 53.9 | 44.1 | 26.8 |
| PHF | .928 | .000 | .852 | .949 | .000 | .759 | .787 | .772 | .000 | .000 | .000 | .803 | .825 | .813 |



Peak Hour Analysis From 12:00 PM to 01:45 PM - Peak 1 of 1
Peak Hour for Entire Intersection Begins at 01:00 PM

| Start Time | I-15 Southbound On/Off Ramps | | | Lenwood Road Westbound | | | I-15 Southbound On Ramp | | | Lenwood Road Eastbound | | | | |
|--------------|------------------------------|------|-------|------------------------|------|-------|-------------------------|------|-------|------------------------|------|-------|------|------|
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | | |
| 12:00 PM | 71 | 0 | 40 | 111 | 0 | 37 | 41 | 78 | 0 | 0 | 0 | 33 | 41 | 74 |
| 12:15 PM | 95 | 0 | 42 | 137 | 0 | 32 | 33 | 65 | 0 | 0 | 0 | 35 | 29 | 64 |
| 12:30 PM | 72 | 0 | 33 | 105 | 0 | 28 | 48 | 76 | 0 | 0 | 0 | 38 | 38 | 76 |
| 12:45 PM | 52 | 0 | 41 | 93 | 0 | 38 | 41 | 79 | 0 | 0 | 0 | 38 | 35 | 73 |
| Total | 320 | 0 | 156 | 476 | 0 | 135 | 163 | 298 | 0 | 0 | 0 | 144 | 143 | 287 |
| 01:00 PM | 97 | 0 | 27 | 124 | 0 | 48 | 36 | 84 | 0 | 0 | 0 | 35 | 37 | 72 |
| 01:15 PM | 86 | 0 | 45 | 131 | 0 | 57 | 47 | 104 | 0 | 0 | 0 | 34 | 35 | 69 |
| 01:30 PM | 89 | 0 | 40 | 129 | 0 | 33 | 40 | 73 | 0 | 0 | 0 | 46 | 20 | 66 |
| 01:45 PM | 88 | 0 | 36 | 124 | 0 | 35 | 25 | 60 | 0 | 0 | 0 | 52 | 40 | 92 |
| Total Volume | 360 | 0 | 148 | 508 | 0 | 173 | 148 | 321 | 0 | 0 | 0 | 167 | 132 | 299 |
| % App. Total | 70.9 | 0 | 29.1 | 70.9 | 0 | 53.0 | 46.1 | 28.3 | 0 | 0 | 0 | 53.9 | 44.1 | 26.8 |
| PHF | .928 | .000 | .852 | .949 | .000 | .759 | .787 | .772 | .000 | .000 | .000 | .803 | .825 | .813 |

Counts Unlimited Inc.
25285 Jodyn Avenue
Moreno Valley, CA 92557
951-485-7834

File Name : BAR15SLEPMSAT
Site Code : 9036001
Start Date : 2/7/2009
Page No : 2

City of Batslow
N/S: I-15 Southbound Ramps
E/W: Lenwood Road
Weather: Cloudy

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Moreno Valley, CA 92557
951-485-7834

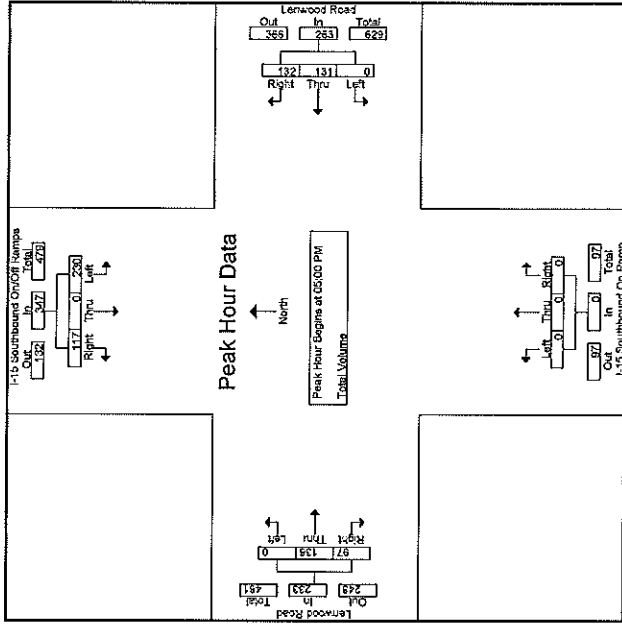
File Name : BAR15SLEPMSAT
Site Code : 9036001
Start Date : 2/7/2009
Page No : 1

City of Batslow
N/S: I-15 Southbound Ramps
E/W: Lenwood Road
Weather: Cloudy

Groups Printed- Total Volume

| Start Time | I-15 Southbound On/Off Ramps | | | Lenwood Road Westbound | | | I-15 Southbound On Ramp Northbound | | | Lenwood Road Eastbound | | | Int. Total |
|-------------|------------------------------|------|-------|------------------------|------|-------|------------------------------------|------|-------|------------------------|------|-------|------------|
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | |
| 05:00 PM | 59 | 0 | 28 | 0 | 37 | 37 | 74 | 0 | 0 | 0 | 0 | 0 | 219 |
| 05:15 PM | 63 | 0 | 39 | 0 | 39 | 102 | 0 | 0 | 0 | 0 | 0 | 0 | 248 |
| 05:30 PM | 57 | 0 | 32 | 0 | 34 | 31 | 65 | 0 | 0 | 0 | 0 | 0 | 219 |
| 05:45 PM | 51 | 0 | 20 | 0 | 30 | 33 | 63 | 0 | 0 | 0 | 0 | 0 | 188 |
| Total | 230 | 0 | 117 | 0 | 131 | 132 | 263 | 0 | 0 | 0 | 0 | 0 | 843 |
| 06:00 PM | 51 | 0 | 28 | 0 | 34 | 26 | 60 | 0 | 0 | 0 | 0 | 0 | 189 |
| 06:15 PM | 44 | 0 | 22 | 0 | 33 | 27 | 60 | 0 | 0 | 0 | 0 | 0 | 167 |
| 06:30 PM | 53 | 0 | 14 | 0 | 22 | 28 | 50 | 0 | 0 | 0 | 0 | 0 | 150 |
| 06:45 PM | 63 | 0 | 25 | 0 | 30 | 11 | 41 | 0 | 0 | 0 | 0 | 0 | 157 |
| Total | 211 | 0 | 89 | 0 | 119 | 82 | 211 | 0 | 0 | 0 | 0 | 0 | 663 |
| Grand Total | 441 | 0 | 206 | 0 | 250 | 224 | 474 | 0 | 0 | 0 | 0 | 0 | 1508 |
| Approach % | 68.2 | 0 | 31.8 | 0 | 52.7 | 47.3 | 31.5 | 0 | 0 | 0 | 0 | 0 | 25.9 |
| Total % | 29.3 | 0 | 13.7 | 0 | 16.6 | 14.9 | 10.5 | 0 | 0 | 0 | 0 | 0 | 17.9 |

| Start Time | I-15 Southbound On/Off Ramps | | | Lenwood Road Westbound | | | I-15 Southbound On Ramp Northbound | | | Lenwood Road Eastbound | | | Int. Total |
|--------------|------------------------------|-------|-------|------------------------|-------|-------|------------------------------------|-------|-------|------------------------|-------|-------|------------|
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | |
| 05:00 PM | 59 | 0 | 28 | 0 | 37 | 37 | 74 | 0 | 0 | 0 | 0 | 0 | 219 |
| 05:15 PM | 63 | 0 | 39 | 0 | 39 | 102 | 0 | 0 | 0 | 0 | 0 | 0 | 248 |
| 05:30 PM | 57 | 0 | 32 | 0 | 34 | 31 | 65 | 0 | 0 | 0 | 0 | 0 | 219 |
| 05:45 PM | 51 | 0 | 20 | 0 | 30 | 33 | 63 | 0 | 0 | 0 | 0 | 0 | 188 |
| Total Volume | 230 | 0 | 117 | 0 | 131 | 132 | 263 | 0 | 0 | 0 | 0 | 0 | 843 |
| % App. Total | 69.3 | 0 | 33.7 | 0 | 48.8 | 50.2 | 31.5 | 0 | 0 | 0 | 0 | 0 | 25.9 |
| PHF | 0.913 | 0.000 | 0.750 | 0.850 | 0.000 | 0.885 | 0.888 | 0.000 | 0.000 | 0.000 | 0.850 | 0.850 | 0.862 |



Peak Hour Analysis From 05:00 PM to 06:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

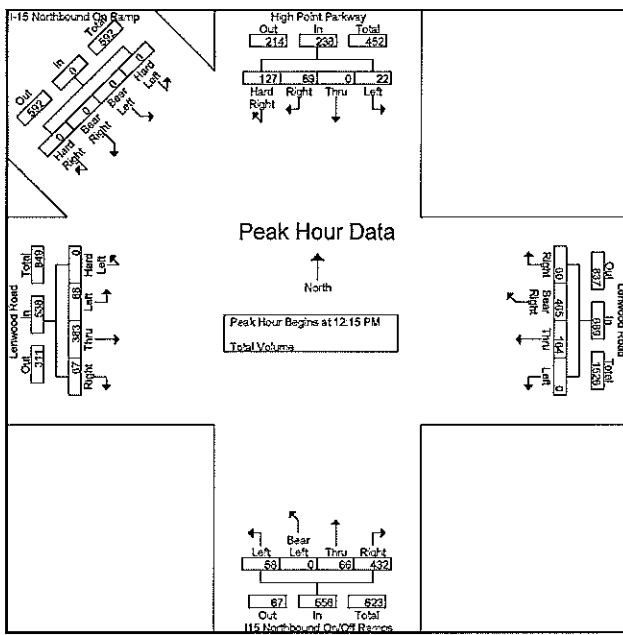
| | 05:00 PM | | | 05:00 PM | | | 05:00 PM | | | 05:00 PM | | | 05:00 PM | | |
|--------------|----------|-------|-------|----------|-------|-------|----------|-------|-------|----------|-------|-------|----------|-------|-------|
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right |
| +10 mins. | 59 | 0 | 28 | 85 | 0 | 37 | 37 | 74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| +15 mins. | 63 | 0 | 39 | 102 | 0 | 39 | 31 | 61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| +30 mins. | 57 | 0 | 32 | 89 | 0 | 34 | 31 | 65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| +45 mins. | 51 | 0 | 20 | 71 | 0 | 30 | 33 | 63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 230 | 0 | 117 | 347 | 0 | 131 | 132 | 263 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| % App. Total | 66.3 | 0 | 33.7 | 48.8 | 50.2 | 31.5 | 48.8 | 50.2 | 31.5 | 0.000 | 0.000 | 0.850 | 0.850 | 0.850 | 0.862 |
| PHF | 0.913 | 0.000 | 0.750 | 0.850 | 0.000 | 0.885 | 0.888 | 0.000 | 0.850 | 0.000 | 0.000 | 0.850 | 0.850 | 0.850 | 0.862 |

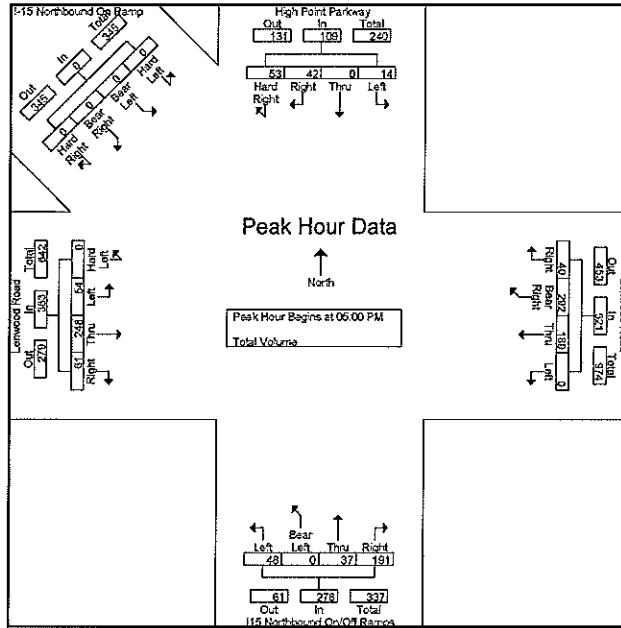
Groups Printed- Total Volume

| Start Time | High Point Parkway Southbound | | | | | Lenwood Road Westbound | | | | | I15 Northbound On/Off Ramps Northbound | | | | | Lenwood Road Eastbound | | | | | I-15 Northbound On Ramp Southeastbound | | | | | In. Total |
|-------------|-------------------------------|------|-------|------------|------------|------------------------|------|-------|------------|------------|--|------|-------|------------|------------|------------------------|------|-------|------------|------------|--|------|-------|------------|------------|-----------|
| | Left | Thru | Right | App. Total | App. Total | Left | Thru | Right | App. Total | App. Total | Left | Thru | Right | App. Total | App. Total | Left | Thru | Right | App. Total | App. Total | Left | Thru | Right | App. Total | App. Total | |
| 12:00 PM | 7 | 0 | 14 | 23 | 44 | 0 | 44 | 121 | 23 | 188 | 21 | 0 | 16 | 126 | 163 | 0 | 26 | 69 | 19 | 114 | 0 | 0 | 0 | 0 | 0 | 509 |
| 12:15 PM | 3 | 0 | 19 | 36 | 58 | 0 | 29 | 125 | 13 | 167 | 15 | 0 | 23 | 143 | 181 | 0 | 20 | 105 | 19 | 144 | 0 | 0 | 0 | 0 | 0 | 550 |
| 12:30 PM | 9 | 0 | 25 | 28 | 62 | 0 | 49 | 117 | 5 | 169 | 13 | 0 | 13 | 104 | 130 | 0 | 26 | 85 | 17 | 128 | 0 | 0 | 0 | 0 | 0 | 488 |
| 12:45 PM | 7 | 0 | 14 | 24 | 45 | 0 | 47 | 109 | 22 | 178 | 14 | 0 | 9 | 88 | 111 | 0 | 19 | 79 | 16 | 114 | 0 | 0 | 0 | 0 | 0 | 448 |
| Total | 26 | 0 | 72 | 111 | 209 | 0 | 166 | 472 | 63 | 701 | 63 | 0 | 61 | 481 | 585 | 0 | 91 | 338 | 71 | 500 | 0 | 0 | 0 | 0 | 0 | 1995 |
| 01:00 PM | 3 | 0 | 31 | 39 | 73 | 0 | 42 | 114 | 20 | 176 | 18 | 0 | 21 | 97 | 134 | 0 | 23 | 114 | 15 | 152 | 0 | 0 | 0 | 0 | 0 | 535 |
| 01:15 PM | 6 | 0 | 14 | 19 | 39 | 0 | 67 | 115 | 10 | 192 | 24 | 0 | 14 | 103 | 141 | 0 | 19 | 84 | 20 | 123 | 0 | 0 | 0 | 0 | 0 | 495 |
| 01:30 PM | 5 | 0 | 15 | 28 | 48 | 0 | 39 | 127 | 16 | 182 | 19 | 0 | 8 | 82 | 109 | 0 | 18 | 86 | 15 | 119 | 0 | 0 | 0 | 0 | 0 | 458 |
| 01:45 PM | 7 | 0 | 16 | 31 | 54 | 0 | 24 | 111 | 9 | 144 | 20 | 0 | 11 | 70 | 101 | 0 | 24 | 78 | 28 | 130 | 0 | 0 | 0 | 0 | 0 | 429 |
| Total | 21 | 0 | 76 | 117 | 214 | 0 | 172 | 487 | 55 | 694 | 79 | 0 | 64 | 352 | 485 | 0 | 84 | 362 | 78 | 524 | 0 | 0 | 0 | 0 | 0 | 1917 |
| Grand Total | 47 | 0 | 148 | 228 | 423 | 0 | 338 | 939 | 118 | 1395 | 142 | 0 | 115 | 813 | 1070 | 0 | 175 | 700 | 149 | 1024 | 0 | 0 | 0 | 0 | 0 | 3912 |
| Approch % | 11.1 | 0 | 35 | 53.9 | | 0 | 24.2 | 67.3 | 8.5 | | 13.3 | 0 | 17.1 | 68.4 | 14.6 | | 17.1 | 68.4 | 14.6 | | 0 | 0 | 0 | 0 | 0 | |
| Total % | 1.2 | 0 | 3.8 | 5.8 | 10.8 | 0 | 8.6 | 24 | 3 | 35.7 | 3.8 | 0 | 2.9 | 20.6 | 27.4 | 0 | 4.5 | 17.9 | 3.8 | 28.2 | 0 | 0 | 0 | 0 | 0 | 0 |

| Start Time | High Point Parkway Southbound | | | | | Lenwood Road Westbound | | | | | I15 Northbound On/Off Ramps Northbound | | | | | Lenwood Road Eastbound | | | | | I-15 Northbound On Ramp Southeastbound | | | | | In. Total |
|--------------|-------------------------------|------|-------|------------|------------|------------------------|------|-------|------------|------------|--|------|-------|------------|------------|------------------------|------|-------|------------|------------|--|------|-------|------------|------------|-----------|
| | Left | Thru | Right | App. Total | App. Total | Left | Thru | Right | App. Total | App. Total | Left | Thru | Right | App. Total | App. Total | Left | Thru | Right | App. Total | App. Total | Left | Thru | Right | App. Total | App. Total | |
| 12:15 PM | 3 | 0 | 19 | 36 | 58 | 0 | 29 | 126 | 13 | 167 | 15 | 0 | 23 | 143 | 181 | 0 | 20 | 105 | 19 | 144 | 0 | 0 | 0 | 0 | 0 | 550 |
| 12:30 PM | 9 | 0 | 25 | 28 | 62 | 0 | 46 | 117 | 5 | 169 | 13 | 0 | 13 | 104 | 130 | 0 | 26 | 85 | 17 | 128 | 0 | 0 | 0 | 0 | 0 | 488 |
| 12:45 PM | 7 | 0 | 14 | 24 | 45 | 0 | 47 | 109 | 22 | 178 | 14 | 0 | 9 | 88 | 111 | 0 | 19 | 79 | 16 | 114 | 0 | 0 | 0 | 0 | 0 | 448 |
| 01:00 PM | 3 | 0 | 31 | 39 | 73 | 0 | 42 | 114 | 20 | 176 | 18 | 0 | 21 | 97 | 134 | 0 | 23 | 114 | 15 | 152 | 0 | 0 | 0 | 0 | 0 | 535 |
| Total Volume | 22 | 0 | 89 | 127 | 238 | 0 | 164 | 485 | 60 | 689 | 58 | 0 | 66 | 432 | 556 | 0 | 88 | 383 | 67 | 538 | 0 | 0 | 0 | 0 | 0 | 2021 |
| % App. Total | 9.2 | 0 | 37.4 | 53.4 | | 0 | 23.8 | 67.5 | 8.7 | | 10.4 | 0 | 11.9 | 77.7 | | 0 | 16.4 | 71.2 | 12.5 | | 0 | 0 | 0 | 0 | 0 | |
| PHF | .611 | .000 | .718 | .814 | .815 | .000 | .872 | .930 | .852 | .688 | .908 | .000 | .717 | .755 | .768 | .000 | .848 | .840 | .882 | .885 | .000 | .000 | .000 | .000 | .000 | .919 |

Peak Hour Analysis From 12:00 PM to 01:45 PM - Peak 1 of 1
Peak Hour for Entire Intersection Begins at 12:15 PM





| Start Time | High Point Parkway Southbound | | | | | Lenwood Road Westbound | | | | | I15 Northbound On/Off Ramps Northbound | | | | | Lenwood Road Eastbound | | | | | I-15 Northbound On Ramp Southeastbound | | | | | Int. Total |
|--|-------------------------------|------|-------|------------|------------|------------------------|------|------------|------------|------|--|-------|------------|------------|------|------------------------|-------|------------|------------|------|--|-------|------------|------------|------|------------|
| | Left | Thru | Right | Opp. Total | App. Total | Left | Thru | Opp. Total | App. Total | Left | Thru | Right | Opp. Total | App. Total | Left | Thru | Right | Opp. Total | App. Total | Left | Thru | Right | Opp. Total | App. Total | | |
| Peak Hour Analysis From 05:00 PM to 06:45 PM - Peak 1 of 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peak Hour for Each Approach Begins at: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 05:45 PM | | | | | 05:00 PM | | | | | 05:00 PM | | | | | 05:00 PM | | | | | 05:00 PM | | | | | |
| +0 mins. | 3 | 0 | 19 | 11 | 33 | 0 | 45 | 80 | 11 | 136 | 12 | 0 | 12 | 58 | 82 | 0 | 12 | 55 | 19 | 86 | 0 | 0 | 0 | 0 | 0 | 0 |
| +15 mins. | 3 | 0 | 6 | 9 | 18 | 0 | 47 | 87 | 9 | 143 | 13 | 0 | 9 | 47 | 69 | 0 | 17 | 67 | 12 | 96 | 0 | 0 | 0 | 0 | 0 | 0 |
| +30 mins. | 6 | 0 | 9 | 13 | 28 | 0 | 42 | 59 | 10 | 111 | 15 | 0 | 6 | 49 | 70 | 0 | 14 | 64 | 22 | 100 | 0 | 0 | 0 | 0 | 0 | 0 |
| +45 mins. | 5 | 0 | 9 | 19 | 33 | 0 | 55 | 66 | 10 | 131 | 8 | 0 | 10 | 37 | 55 | 0 | 11 | 62 | 8 | 81 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Volume | 17 | 0 | 43 | 52 | 112 | 0 | 189 | 292 | 40 | 521 | 48 | 0 | 37 | 191 | 276 | 0 | 54 | 248 | 61 | 363 | 0 | 0 | 0 | 0 | 0 | 0 |
| % App. Total | 15.2 | 0 | 38.4 | 46.4 | | 0 | 36.3 | 56 | 7.7 | | 17.4 | 0 | 13.4 | 69.2 | | 0 | 14.9 | 68.3 | 16.8 | | 0 | 0 | 0 | 0 | 0 | 0 |
| PHF | .708 | .000 | .566 | .684 | .848 | .000 | .859 | .839 | .909 | .911 | .800 | .000 | .771 | .823 | .841 | .000 | .794 | .925 | .693 | .908 | .000 | .000 | .000 | .000 | .000 | .000 |

Counts Unlimited Inc.
25298 Joclyn Avenue
Moreno Valley, CA 92557
951-485-7834

File Name : BARTSSOCPMSAT
Site Code : 9038281
Start Date : 2/7/2009
Page No : 1

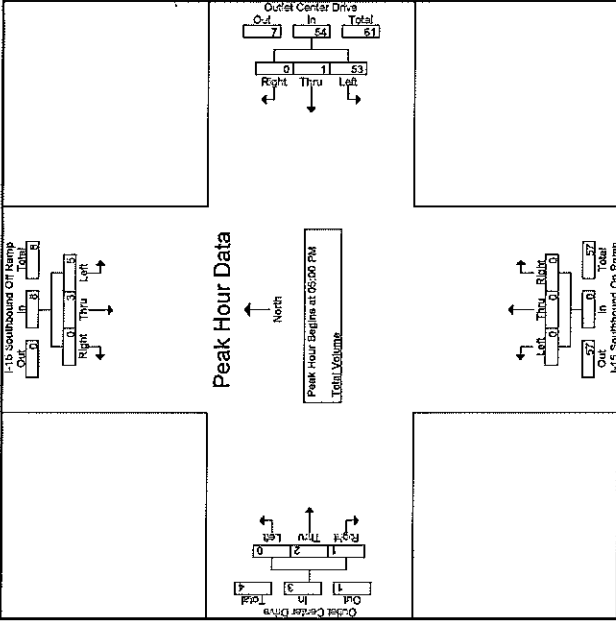
City of Barstow
NS: I-15 Southbound Ramps
EW: Outlet Center Drive
Weather: Sunny

Counts Unlimited Inc.
25298 Joclyn Avenue
Moreno Valley, CA 92557
951-485-7834

File Name : BARTSSOCPMSAT
Site Code : 9038281
Start Date : 2/7/2009
Page No : 2

City of Barstow
NS: I-15 Southbound Ramps
EW: Outlet Center Drive
Weather: Sunny

| Start Time | I-15 Southbound Off Ramp | | | Outlet Center Drive | | | I-15 Southbound On Ramp | | | Outlet Center Drive | | | In Total |
|--------------------|--------------------------|------------|----------|---------------------|-------------|------------|-------------------------|-------------|----------|---------------------|------------|----------|-------------|
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | |
| 05:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 05:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 05:30 PM | 2 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| 05:45 PM | 2 | 1 | 0 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| Total | 5 | 3 | 0 | 8 | 53 | 1 | 0 | 0 | 0 | 0 | 2 | 1 | 3 |
| 06:00 PM | 0 | 1 | 0 | 1 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| 06:15 PM | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 06:30 PM | 1 | 0 | 0 | 1 | 12 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 06:45 PM | 1 | 1 | 0 | 2 | 36 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 3 |
| Total | 1 | 1 | 0 | 2 | 36 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 39 |
| Grand Total | 6 | 4 | 0 | 10 | 89 | 2 | 0 | 91 | 0 | 0 | 2 | 1 | 3 |
| Approach % | 60 | 40 | 0 | 97.8 | 2.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 66.7 |
| Total % | 5.8 | 3.8 | 0 | 9.6 | 85.6 | 1.9 | 0 | 87.5 | 0 | 0 | 1.9 | 1 | 2.9 |



Peak Hour Analysis From 05:00 PM to 06:45 PM - Peak 1 of 1

| Start Time | I-15 Southbound Off Ramp | | | Outlet Center Drive | | | I-15 Southbound On Ramp | | | Outlet Center Drive | | | In Total |
|--------------------|--------------------------|------------|----------|---------------------|-------------|------------|-------------------------|-------------|----------|---------------------|------------|----------|-------------|
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | |
| 05:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 05:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 05:30 PM | 2 | 1 | 0 | 3 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| 05:45 PM | 2 | 1 | 0 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| Total | 5 | 3 | 0 | 8 | 53 | 1 | 0 | 0 | 0 | 0 | 2 | 1 | 3 |
| 06:00 PM | 0 | 1 | 0 | 1 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| 06:15 PM | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 06:30 PM | 1 | 0 | 0 | 1 | 12 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 06:45 PM | 1 | 1 | 0 | 2 | 36 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 3 |
| Total | 1 | 1 | 0 | 2 | 36 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 39 |
| Grand Total | 6 | 4 | 0 | 10 | 89 | 2 | 0 | 91 | 0 | 0 | 2 | 1 | 3 |
| Approach % | 60 | 40 | 0 | 97.8 | 2.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 66.7 |
| Total % | 5.8 | 3.8 | 0 | 9.6 | 85.6 | 1.9 | 0 | 87.5 | 0 | 0 | 1.9 | 1 | 2.9 |

Peak Hour Analysis From 05:00 PM to 06:45 PM - Peak 1 of 1

| Start Time | I-15 Southbound Off Ramp | | | Outlet Center Drive | | | I-15 Southbound On Ramp | | | Outlet Center Drive | | | In Total |
|--------------------|--------------------------|------------|----------|---------------------|-------------|------------|-------------------------|-------------|----------|---------------------|------------|----------|-------------|
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | |
| 05:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 05:15 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 05:30 PM | 2 | 1 | 0 | 3 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| 05:45 PM | 2 | 1 | 0 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| Total | 5 | 3 | 0 | 8 | 53 | 1 | 0 | 0 | 0 | 0 | 2 | 1 | 3 |
| 06:00 PM | 0 | 1 | 0 | 1 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| 06:15 PM | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 06:30 PM | 1 | 0 | 0 | 1 | 12 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 06:45 PM | 1 | 1 | 0 | 2 | 36 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 3 |
| Total | 1 | 1 | 0 | 2 | 36 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 39 |
| Grand Total | 6 | 4 | 0 | 10 | 89 | 2 | 0 | 91 | 0 | 0 | 2 | 1 | 3 |
| Approach % | 60 | 40 | 0 | 97.8 | 2.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 66.7 |
| Total % | 5.8 | 3.8 | 0 | 9.6 | 85.6 | 1.9 | 0 | 87.5 | 0 | 0 | 1.9 | 1 | 2.9 |

Counts Unlimited Inc.
25288 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7834

City of Barstow
NS: I-15 Northbound Ramps
EW: Outlet Center Drive
Weather: Cloudy

File Name : BARI5NOCMDSAT
Site Code : 5036028
Start Date : 2/7/2009
Page No : 1

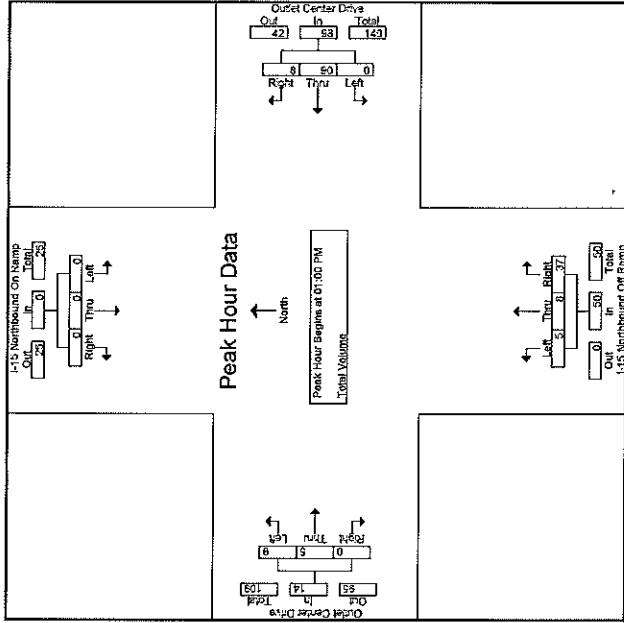
Counts Unlimited Inc.
25288 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7834

City of Barstow
NS: I-15 Northbound Ramps
EW: Outlet Center Drive
Weather: Cloudy

File Name : BARI5NOCMDSAT
Site Code : 5036028
Start Date : 2/7/2009
Page No : 1

| Start Time | I-15 Northbound On Ramp | | | | | | Outlet Center Drive | | | | | | I-15 Northbound Off Ramp | | | | | | Outlet Center Drive | | | | | |
|-------------|-------------------------|------|-----------|------|------------|-------|---------------------|------|------------|------|-----------|-------|--------------------------|------|-----------|------|-----------|-------|---------------------|--|--|--|--|--|
| | Southbound | | Westbound | | Northbound | | Westbound | | Northbound | | Eastbound | | Northbound | | Westbound | | Eastbound | | | | | | | |
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | | | | | | |
| 12:00 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 15 | 0 | 2 | 23 | 25 | 0 | 0 | 0 | 0 | 2 | | | | | |
| 12:15 PM | 0 | 0 | 0 | 0 | 13 | 1 | 14 | 2 | 1 | 19 | 22 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 45 | | | | | |
| 12:30 PM | 0 | 0 | 0 | 0 | 21 | 2 | 23 | 1 | 2 | 19 | 22 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 37 | | | | | |
| 12:45 PM | 0 | 0 | 0 | 0 | 19 | 0 | 19 | 0 | 2 | 8 | 10 | 0 | 2 | 0 | 0 | 0 | 0 | 2 | 31 | | | | | |
| Total | 0 | 0 | 0 | 0 | 68 | 3 | 71 | 3 | 7 | 69 | 79 | 2 | 5 | 0 | 7 | 157 | | | | | | | | |
| 01:00 PM | 0 | 0 | 0 | 0 | 18 | 2 | 20 | 1 | 2 | 7 | 10 | 3 | 1 | 0 | 4 | 34 | | | | | | | | |
| 01:15 PM | 0 | 0 | 0 | 0 | 24 | 1 | 25 | 2 | 2 | 11 | 15 | 3 | 3 | 0 | 6 | 46 | | | | | | | | |
| 01:30 PM | 0 | 0 | 0 | 0 | 20 | 3 | 23 | 0 | 1 | 9 | 10 | 1 | 1 | 0 | 2 | 35 | | | | | | | | |
| 01:45 PM | 0 | 0 | 0 | 0 | 28 | 2 | 30 | 2 | 3 | 10 | 15 | 2 | 0 | 0 | 2 | 47 | | | | | | | | |
| Total | 0 | 0 | 0 | 0 | 90 | 8 | 98 | 5 | 8 | 37 | 50 | 9 | 5 | 0 | 14 | 162 | | | | | | | | |
| Grand Total | 0 | 0 | 0 | 0 | 158 | 11 | 169 | 8 | 15 | 106 | 129 | 11 | 10 | 0 | 21 | 319 | | | | | | | | |
| Approach % | 0 | 0 | 0 | 0 | 92.5 | 6.5 | 99.0 | 6.2 | 11.6 | 82.2 | 52.4 | 47.6 | 0 | 0 | 6.6 | | | | | | | | | |
| Total % | 0 | 0 | 0 | 0 | 49.5 | 3.4 | 53.0 | 2.5 | 4.7 | 33.2 | 40.4 | 3.4 | 3.1 | 0 | 6.6 | | | | | | | | | |

| Start Time | I-15 Northbound On Ramp | | | | | | Outlet Center Drive | | | | | | I-15 Northbound Off Ramp | | | | | | Outlet Center Drive | | | | | |
|-------------|-------------------------|------|-----------|------|------------|-------|---------------------|------|------------|------|-----------|-------|--------------------------|------|-----------|------|-----------|-------|---------------------|--|--|--|--|--|
| | Southbound | | Westbound | | Northbound | | Westbound | | Northbound | | Eastbound | | Northbound | | Westbound | | Eastbound | | | | | | | |
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | | | | | | |
| 12:00 PM | 0 | 0 | 0 | 0 | 18 | 2 | 20 | 1 | 2 | 7 | 10 | 3 | 1 | 0 | 4 | 34 | | | | | | | | |
| 12:15 PM | 0 | 0 | 0 | 0 | 24 | 1 | 25 | 2 | 2 | 11 | 15 | 3 | 3 | 0 | 6 | 46 | | | | | | | | |
| 12:30 PM | 0 | 0 | 0 | 0 | 20 | 3 | 23 | 0 | 1 | 9 | 10 | 1 | 1 | 0 | 2 | 35 | | | | | | | | |
| 12:45 PM | 0 | 0 | 0 | 0 | 28 | 2 | 30 | 2 | 3 | 10 | 15 | 2 | 0 | 0 | 2 | 47 | | | | | | | | |
| Total | 0 | 0 | 0 | 0 | 90 | 8 | 98 | 5 | 8 | 37 | 50 | 9 | 5 | 0 | 14 | 162 | | | | | | | | |
| Grand Total | 0 | 0 | 0 | 0 | 158 | 11 | 169 | 8 | 15 | 106 | 129 | 11 | 10 | 0 | 21 | 319 | | | | | | | | |
| Approach % | 0 | 0 | 0 | 0 | 92.5 | 6.5 | 99.0 | 6.2 | 11.6 | 82.2 | 52.4 | 47.6 | 0 | 0 | 6.6 | | | | | | | | | |
| Total % | 0 | 0 | 0 | 0 | 49.5 | 3.4 | 53.0 | 2.5 | 4.7 | 33.2 | 40.4 | 3.4 | 3.1 | 0 | 6.6 | | | | | | | | | |



Peak Hour Analysis From 12:00 PM to 01:45 PM - Peak 1 of 1
Peak Hour for Fish Approach Begins at:

| | 12:00 PM | | 01:00 PM | | 12:30 PM | | 12:45 PM | |
|--------------|----------|------|----------|------|----------|------|----------|------|
| 40 mins. | 0 | 0 | 0 | 18 | 2 | 25 | 2 | 25 |
| 41.5 mins. | 0 | 0 | 0 | 24 | 1 | 19 | 22 | 0 |
| 43 mins. | 0 | 0 | 0 | 23 | 1 | 19 | 22 | 0 |
| 44.5 mins. | 0 | 0 | 0 | 20 | 2 | 8 | 10 | 4 |
| Total Volume | 0 | 0 | 0 | 85 | 6 | 64 | 64 | 14 |
| % App. Total | 0 | 0 | 0 | 91.8 | 8.2 | 3.8 | 8.0 | 89.8 |
| PHF | .000 | .000 | .000 | .817 | .667 | .883 | .883 | .000 |

Counts Unlimited Inc.
25288 Jacklyn Avenue
Moreno Valley, CA 92557
951-485-7834

File Name : BAR15NOCFMSAT
Site Code : 9036028
Start Date : 2/7/2009
Page No : 1

City of Barstow
NIS: I-15 Northbound Ramps
E/W: Outlet Center Drive
Weather: Cloudy

Counts Unlimited Inc.
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Moreno Valley, CA 92557
951-485-7834

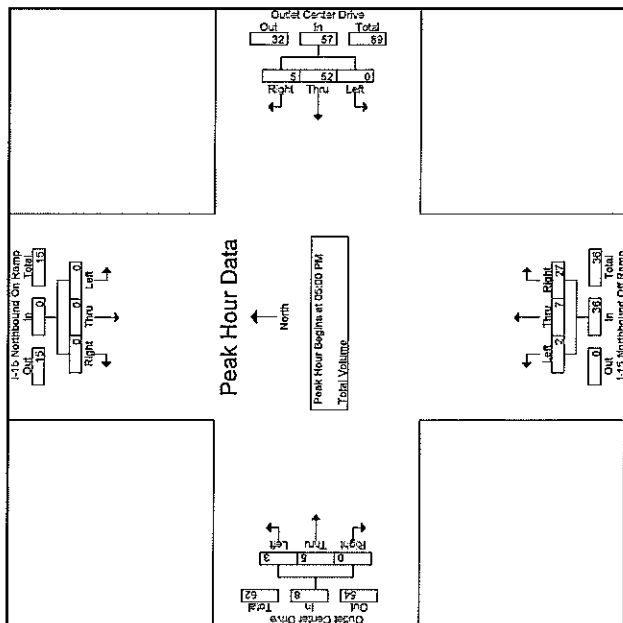
City of Barstow
NIS: I-15 Northbound Ramps
E/W: Outlet Center Drive
Weather: Cloudy

File Name : BAR15NOCFMSAT
Site Code : 9036028
Start Date : 2/7/2009
Page No : 2

Counts Printed - Total Volume

| Start Time | I-15 Northbound On Ramp | | | | Outlet Center Drive | | | | I-15 Northbound Off Ramp | | | | Outlet Center Drive | | | |
|-------------|-------------------------|------|-------|-----------|---------------------|-----------|------|------|--------------------------|-----------|------------|-----------|---------------------|------|-------|-----------|
| | Left | Thru | Right | Am. Total | Westbound | Eastbound | Left | Thru | Right | Am. Total | Northbound | Eastbound | Left | Thru | Right | Am. Total |
| 05:00 PM | 0 | 0 | 0 | 0 | 0 | 24 | 2 | 26 | 2 | 1 | 6 | 9 | 1 | 1 | 0 | 2 |
| 05:15 PM | 0 | 0 | 0 | 0 | 0 | 13 | 1 | 14 | 0 | 2 | 16 | 18 | 1 | 1 | 0 | 2 |
| 05:30 PM | 0 | 0 | 0 | 0 | 0 | 5 | 1 | 6 | 0 | 4 | 5 | 9 | 0 | 2 | 0 | 2 |
| 05:45 PM | 0 | 0 | 0 | 0 | 0 | 52 | 5 | 57 | 2 | 7 | 27 | 36 | 3 | 5 | 0 | 8 |
| Total | 0 | 0 | 0 | 0 | 0 | 15 | 1 | 16 | 0 | 0 | 6 | 6 | 0 | 0 | 0 | 0 |
| 06:00 PM | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 6 | 0 | 0 | 3 | 3 | 0 | 0 | 0 | 0 |
| 06:15 PM | 0 | 0 | 0 | 0 | 0 | 12 | 1 | 13 | 1 | 0 | 9 | 10 | 0 | 1 | 0 | 1 |
| 06:30 PM | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 3 | 0 | 2 | 2 | 2 | 0 | 0 | 0 | 0 |
| 06:45 PM | 0 | 0 | 0 | 0 | 0 | 36 | 2 | 38 | 1 | 0 | 20 | 21 | 0 | 1 | 0 | 1 |
| Grand Total | 0 | 0 | 0 | 0 | 0 | 88 | 7 | 95 | 3 | 7 | 47 | 57 | 3 | 6 | 0 | 9 |
| Approach % | 0 | 0 | 0 | 0 | 0 | 92.6 | 7.4 | 53 | 12.3 | 82.5 | 33.3 | 66.7 | 0 | 0 | 0 | 5.6 |
| Total % | 0 | 0 | 0 | 0 | 0 | 54.7 | 4.3 | 59 | 1.9 | 4.3 | 29.2 | 35.4 | 1.9 | 3.7 | 0 | 5.6 |

| Start Time | I-15 Northbound On Ramp | | | | Outlet Center Drive | | | | I-15 Northbound Off Ramp | | | | Outlet Center Drive | | | |
|--------------|-------------------------|------|-------|-----------|---------------------|-----------|------|------|--------------------------|-----------|------------|-----------|---------------------|------|-------|-----------|
| | Left | Thru | Right | Am. Total | Westbound | Eastbound | Left | Thru | Right | Am. Total | Northbound | Eastbound | Left | Thru | Right | Am. Total |
| 05:00 PM | 0 | 0 | 0 | 0 | 0 | 24 | 2 | 26 | 2 | 1 | 6 | 9 | 1 | 1 | 0 | 2 |
| 05:15 PM | 0 | 0 | 0 | 0 | 0 | 13 | 1 | 14 | 0 | 2 | 16 | 18 | 1 | 1 | 0 | 2 |
| 05:30 PM | 0 | 0 | 0 | 0 | 0 | 5 | 1 | 6 | 0 | 4 | 5 | 9 | 0 | 2 | 0 | 2 |
| 05:45 PM | 0 | 0 | 0 | 0 | 0 | 52 | 5 | 57 | 2 | 7 | 27 | 36 | 3 | 5 | 0 | 8 |
| Total | 0 | 0 | 0 | 0 | 0 | 91.2 | 8.8 | 56.6 | 19.4 | 7.5 | 37.5 | 62.5 | 3 | 5 | 0 | 8 |
| % App. Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 54.2 | 6.25 | 54.8 | 2.80 | 4.38 | 6.75 | 9.10 | 7.50 | 6.25 | 0.00 | 1.000 |
| PHF | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |



Peak Hour Analysis From 05:00 PM to 06:45 PM - Peak 1 of 1

| Start Time | Left | Thru | Right | Am. Total | Westbound | Eastbound | Left | Thru | Right | Am. Total | Northbound | Eastbound | Left | Thru | Right | Am. Total | | | |
|--------------|------|------|-------|-----------|-----------|-----------|------|------|-------|-----------|------------|-----------|------|------|-------|-----------|---|---|---|
| -40 mins. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 2 | 1 | 6 | 9 | 1 | 1 | 0 | 2 |
| +15 mins. | 0 | 0 | 0 | 0 | 0 | 10 | 1 | 11 | 0 | 2 | 10 | 12 | 1 | 1 | 0 | 2 | | | |
| +30 mins. | 0 | 0 | 0 | 0 | 0 | 13 | 1 | 14 | 0 | 2 | 10 | 12 | 1 | 1 | 0 | 2 | | | |
| +45 mins. | 0 | 0 | 0 | 0 | 0 | 5 | 1 | 6 | 0 | 4 | 5 | 9 | 0 | 2 | 0 | 2 | | | |
| Total Volume | 0 | 0 | 0 | 0 | 0 | 52 | 5 | 57 | 2 | 7 | 27 | 36 | 3 | 5 | 0 | 8 | | | |
| % App. Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 91.2 | 8.8 | 56.6 | 19.4 | 7.5 | 37.5 | 62.5 | 3 | 5 | 0 | 8 | | | |
| PHF | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |

Counts Unlimited Inc.
25288 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7834

File Name : BARLEMEPMSAT
Site Code : 9036077
Start Date : 2/7/2009
Page No : 2

City of Barstow
N/S: Lenwood Road
E/W: Mercantile Way
Weather: Cloudy

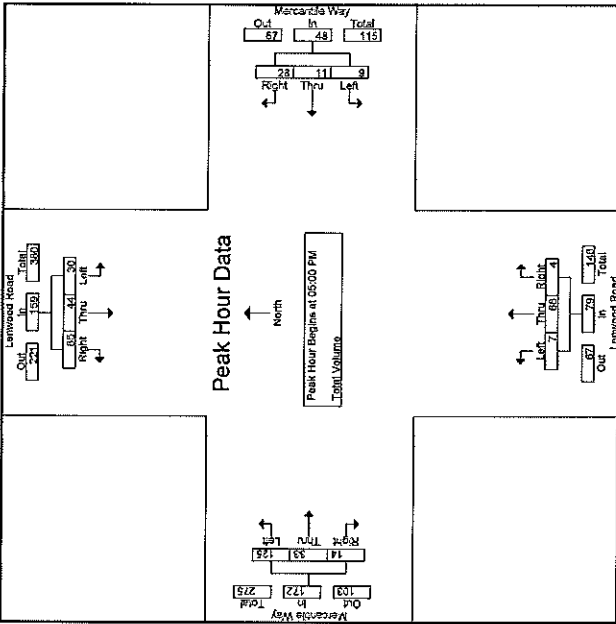
Counts Unlimited Inc.
25288 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7834

File Name : BARLEMEPMSAT
Site Code : 9036077
Start Date : 2/7/2009
Page No : 1

City of Barstow
N/S: Lenwood Road
E/W: Mercantile Way
Weather: Cloudy

| Start Time | Lenwood Road Southbound | | | Mercantile Way Westbound | | | Lenwood Road Northbound | | | Mercantile Way Eastbound | | | In Total | |
|-------------|-------------------------|------|-------|--------------------------|------|-------|-------------------------|------|-------|--------------------------|------|-------|----------|------|
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | | |
| 05:00 PM | 9 | 14 | 29 | 3 | 8 | 14 | 2 | 20 | 0 | 22 | 42 | 10 | 3 | 55 |
| 05:15 PM | 5 | 9 | 25 | 3 | 5 | 10 | 0 | 15 | 0 | 15 | 31 | 8 | 3 | 42 |
| 05:30 PM | 9 | 13 | 20 | 4 | 0 | 6 | 1 | 19 | 2 | 22 | 30 | 7 | 6 | 43 |
| 05:45 PM | 7 | 8 | 11 | 2 | 3 | 10 | 1 | 15 | 4 | 20 | 22 | 8 | 2 | 32 |
| Total | 30 | 44 | 85 | 12 | 16 | 40 | 7 | 68 | 4 | 79 | 125 | 33 | 14 | 172 |
| 06:00 PM | 5 | 11 | 16 | 1 | 11 | 13 | 3 | 14 | 1 | 18 | 29 | 4 | 3 | 36 |
| 06:15 PM | 3 | 11 | 21 | 3 | 8 | 13 | 1 | 9 | 0 | 10 | 27 | 1 | 1 | 29 |
| 06:30 PM | 5 | 10 | 14 | 2 | 4 | 5 | 1 | 3 | 4 | 3 | 10 | 25 | 3 | 30 |
| 06:45 PM | 3 | 8 | 15 | 2 | 6 | 8 | 0 | 6 | 2 | 8 | 16 | 5 | 1 | 21 |
| Total | 16 | 40 | 66 | 12 | 32 | 44 | 7 | 33 | 6 | 46 | 106 | 9 | 7 | 122 |
| Grand Total | 46 | 84 | 151 | 24 | 48 | 84 | 14 | 101 | 10 | 125 | 231 | 42 | 21 | 294 |
| Approach % | 16.4 | 29.9 | 33.7 | 15.6 | 22.2 | 26.2 | 11.2 | 80.8 | 8 | 78.6 | 14.3 | 7.1 | 1 | 37.2 |
| Total % | 5.8 | 10.6 | 19.1 | 55.6 | 1.8 | 2.5 | 7.1 | 11.4 | 1.8 | 12.8 | 1.3 | 15.8 | 29.2 | 5.3 |

| Start Time | Lenwood Road Southbound | | | Mercantile Way Westbound | | | Lenwood Road Northbound | | | Mercantile Way Eastbound | | | In Total | |
|-------------|-------------------------|------|-------|--------------------------|------|-------|-------------------------|------|-------|--------------------------|------|-------|----------|------|
| | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | Left | Thru | Right | | |
| 05:00 PM | 9 | 14 | 29 | 3 | 8 | 14 | 2 | 20 | 0 | 22 | 42 | 10 | 3 | 55 |
| 05:15 PM | 5 | 9 | 25 | 3 | 5 | 10 | 0 | 15 | 0 | 15 | 31 | 8 | 3 | 42 |
| 05:30 PM | 9 | 13 | 20 | 4 | 0 | 6 | 1 | 19 | 2 | 22 | 30 | 7 | 6 | 43 |
| 05:45 PM | 7 | 8 | 11 | 2 | 3 | 10 | 1 | 15 | 4 | 20 | 22 | 8 | 2 | 32 |
| Total | 30 | 44 | 85 | 12 | 16 | 40 | 7 | 68 | 4 | 79 | 125 | 33 | 14 | 172 |
| 06:00 PM | 5 | 11 | 16 | 1 | 11 | 13 | 3 | 14 | 1 | 18 | 29 | 4 | 3 | 36 |
| 06:15 PM | 3 | 11 | 21 | 3 | 8 | 13 | 1 | 9 | 0 | 10 | 27 | 1 | 1 | 29 |
| 06:30 PM | 5 | 10 | 14 | 2 | 4 | 5 | 1 | 3 | 4 | 3 | 10 | 25 | 3 | 30 |
| 06:45 PM | 3 | 8 | 15 | 2 | 6 | 8 | 0 | 6 | 2 | 8 | 16 | 5 | 1 | 21 |
| Total | 16 | 40 | 66 | 12 | 32 | 44 | 7 | 33 | 6 | 46 | 106 | 9 | 7 | 122 |
| Grand Total | 46 | 84 | 151 | 24 | 48 | 84 | 14 | 101 | 10 | 125 | 231 | 42 | 21 | 294 |
| Approach % | 16.4 | 29.9 | 33.7 | 15.6 | 22.2 | 26.2 | 11.2 | 80.8 | 8 | 78.6 | 14.3 | 7.1 | 1 | 37.2 |
| Total % | 5.8 | 10.6 | 19.1 | 55.6 | 1.8 | 2.5 | 7.1 | 11.4 | 1.8 | 12.8 | 1.3 | 15.8 | 29.2 | 5.3 |



Peak Hour Analysis From 05:00 PM to 06:45 PM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

| | 05:00 PM | | | 05:15 PM | | | 05:30 PM | | | 05:45 PM | | | 06:00 PM | | | |
|--------------|----------|------|------|----------|------|------|----------|------|------|----------|------|------|----------|------|------|------|
| -40 mins. | 9 | 14 | 29 | 52 | 2 | 3 | 10 | 15 | 2 | 20 | 0 | 22 | 42 | 10 | 3 | 55 |
| +15 mins. | 5 | 9 | 25 | 39 | 1 | 1 | 13 | 13 | 0 | 15 | 0 | 15 | 31 | 8 | 3 | 42 |
| +30 mins. | 9 | 13 | 20 | 42 | 2 | 3 | 8 | 13 | 1 | 19 | 2 | 22 | 30 | 7 | 6 | 43 |
| +45 mins. | 7 | 8 | 11 | 26 | 2 | 4 | 5 | 11 | 4 | 14 | 2 | 20 | 22 | 8 | 2 | 32 |
| Total Volume | 37 | 44 | 85 | 159 | 13 | 7 | 34 | 52 | 7 | 68 | 4 | 79 | 125 | 33 | 14 | 172 |
| % App. Total | 18.9 | 27.7 | 53.5 | 87.3 | 21.2 | 65.4 | 65.4 | 86.1 | 5.1 | 8.9 | 5.1 | 5.1 | 72.7 | 19.2 | 8.1 | 78.2 |
| PHF | .333 | .286 | .733 | .764 | .873 | .688 | .773 | .867 | .438 | .850 | .500 | .898 | .744 | .875 | .583 | .782 |

Counts Unlimited Inc.
25288 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7834

File Name : BARFOMEMDSAT
Site Code : 9036062
Start Date : 2/7/2009
Page No : 2

City of Bardslow
N/S: Factory Outlet Avenue
E/W: Mercantile Way
Weather: Cloudy

Counts Unlimited Inc.
25288 Jaclyn Avenue
Moreno Valley, CA 92557
951-485-7834

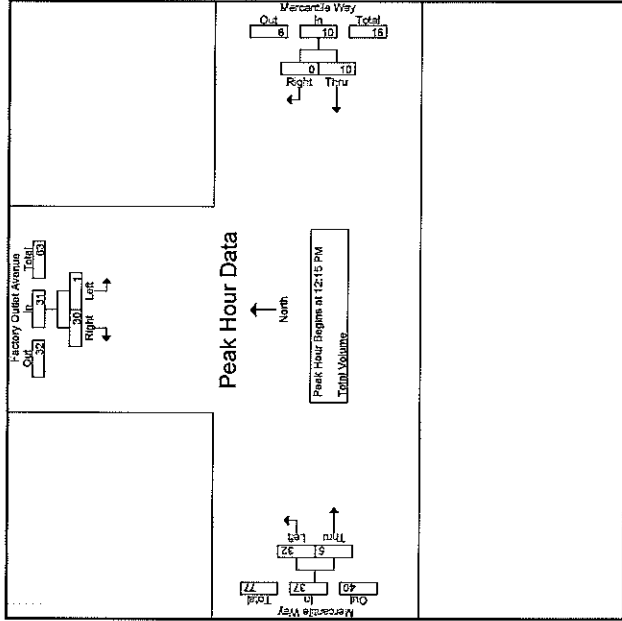
File Name : BARFOMEMDSAT
Site Code : 9036062
Start Date : 2/7/2009
Page No : 1

City of Bardslow
N/S: Factory Outlet Avenue
E/W: Mercantile Way
Weather: Cloudy

Counts Printed: Total Volume

| Start Time | Factory Outlet Avenue | | | Mercantile Way Westbound | | | Mercantile Way Eastbound | | |
|-------------|-----------------------|-------|------------|--------------------------|-------|------------|--------------------------|------|------------|
| | Left | Right | App. Total | Thru | Right | App. Total | Left | Thru | App. Total |
| 12:00 PM | 0 | 7 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:15 PM | 0 | 8 | 8 | 4 | 4 | 4 | 11 | 3 | 14 |
| 12:30 PM | 0 | 8 | 8 | 3 | 0 | 3 | 6 | 1 | 7 |
| 12:45 PM | 1 | 5 | 6 | 1 | 0 | 1 | 0 | 1 | 10 |
| Total | 1 | 28 | 29 | 8 | 0 | 8 | 31 | 6 | 37 |
| 01:00 PM | 0 | 9 | 9 | 2 | 0 | 2 | 6 | 0 | 6 |
| 01:15 PM | 0 | 9 | 9 | 1 | 0 | 1 | 8 | 0 | 8 |
| 01:30 PM | 0 | 8 | 8 | 0 | 0 | 0 | 8 | 2 | 10 |
| 01:45 PM | 0 | 4 | 4 | 2 | 0 | 2 | 4 | 1 | 5 |
| Total | 0 | 30 | 30 | 5 | 0 | 5 | 26 | 3 | 29 |
| Grand Total | 1 | 58 | 59 | 13 | 0 | 13 | 57 | 9 | 66 |
| Approach % | 1.7 | 98.3 | 100 | 0 | 0 | 0 | 86.4 | 13.6 | 47.8 |
| Total % | 0.7 | 42 | 42.8 | 9.4 | 0 | 9.4 | 41.3 | 6.5 | 47.8 |

| Start Time | Factory Outlet Avenue | | | Mercantile Way Westbound | | | Mercantile Way Eastbound | | |
|--------------|-----------------------|-------|------------|--------------------------|-------|------------|--------------------------|------|------------|
| | Left | Right | App. Total | Thru | Right | App. Total | Left | Thru | App. Total |
| 12:15 PM | 0 | 8 | 8 | 4 | 0 | 4 | 11 | 3 | 14 |
| 12:30 PM | 0 | 8 | 8 | 3 | 0 | 3 | 6 | 1 | 7 |
| 12:45 PM | 1 | 5 | 6 | 1 | 0 | 1 | 9 | 1 | 10 |
| 01:00 PM | 0 | 9 | 9 | 2 | 0 | 2 | 6 | 0 | 6 |
| Total Volume | 1 | 30 | 31 | 10 | 0 | 10 | 32 | 5 | 37 |
| % App. Total | 3.2 | 96.8 | 100 | 0 | 0 | 0 | 86.5 | 13.5 | 47.8 |
| PHF | .259 | .833 | .861 | .625 | .625 | .625 | .727 | .417 | .661 |



Peak Hour Analysis From 12:00 PM to 01:45 PM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 12:15 PM

| Start Time | Factory Outlet Avenue | | | Mercantile Way Westbound | | | Mercantile Way Eastbound | | |
|--------------|-----------------------|-------|------------|--------------------------|-------|------------|--------------------------|------|------------|
| | Left | Right | App. Total | Thru | Right | App. Total | Left | Thru | App. Total |
| 12:00 PM | 0 | 8 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12:15 PM | 1 | 5 | 6 | 3 | 0 | 3 | 11 | 3 | 14 |
| 12:30 PM | 0 | 8 | 8 | 1 | 0 | 1 | 6 | 1 | 7 |
| 12:45 PM | 1 | 5 | 6 | 1 | 0 | 1 | 9 | 1 | 10 |
| Total Volume | 2 | 26 | 28 | 5 | 0 | 5 | 36 | 5 | 41 |
| % App. Total | 3.1 | 96.9 | 100 | 0 | 0 | 0 | 89.8 | 10.2 | 46.3 |
| PHF | .250 | .861 | .861 | .625 | .625 | .625 | .705 | .500 | .661 |

Counts Unlimited Inc.
25286 Jaclyn Avenue
Monroeville, CA 92557
951-485-7834

City of Barstow
N/S: Factory Outlet Avenue
E/W: Mercantile Way
Weather: Cloudy

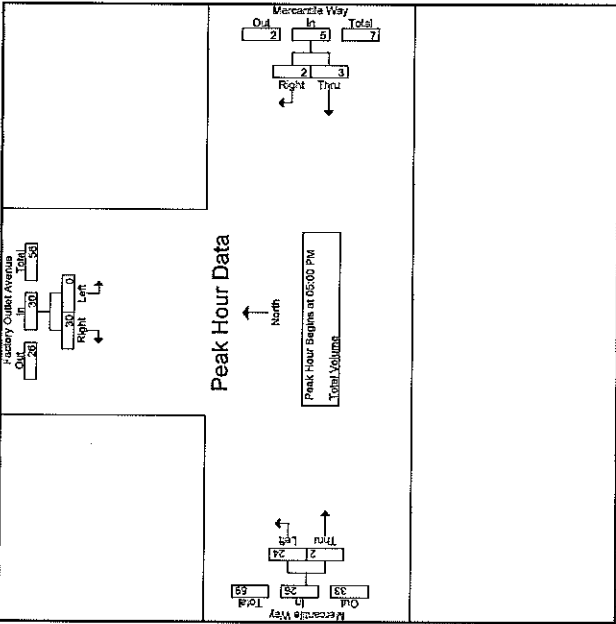
File Name : BARFOMEPMSAT
Site Code : 9036052
Start Date : 2/7/2009
Page No : 1

Counts Unlimited Inc.
25286 Jaclyn Avenue
Monroeville, CA 92557
951-485-7834

City of Barstow
N/S: Factory Outlet Avenue
E/W: Mercantile Way
Weather: Cloudy

File Name : BARFOMEPMSAT
Site Code : 9036052
Start Date : 2/7/2009
Page No : 2

| Start Time | Factory Outlet Avenue | | | Mercantile Way | | | Factory Outlet Avenue | | | Mercantile Way | | |
|-------------|-----------------------|-------|------------|----------------|-------|------------|-----------------------|-------|------------|----------------|-------|------------|
| | Left | Right | App. Total | Thru | Right | App. Total | Left | Right | App. Total | Thru | Right | App. Total |
| 05:00 PM | 0 | 11 | 11 | 1 | 2 | 3 | 4 | 1 | 1 | 2 | 3 | 5 |
| 05:15 PM | 0 | 10 | 10 | 1 | 0 | 1 | 8 | 1 | 0 | 1 | 8 | 9 |
| 05:30 PM | 0 | 4 | 4 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 8 | 8 |
| 05:45 PM | 0 | 5 | 5 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 4 | 4 |
| Total | 0 | 30 | 30 | 3 | 2 | 5 | 24 | 2 | 2 | 4 | 26 | 61 |
| 06:00 PM | 0 | 6 | 6 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 5 |
| 06:15 PM | 0 | 9 | 9 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 11 |
| 06:30 PM | 0 | 6 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 06:45 PM | 0 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| Total | 0 | 25 | 25 | 1 | 0 | 1 | 6 | 0 | 0 | 0 | 6 | 32 |
| Grand Total | 0 | 55 | 55 | 4 | 2 | 6 | 30 | 2 | 2 | 4 | 32 | 93 |
| Approach % | 0 | 100 | 59.1 | 66.7 | 33.3 | 6.5 | 93.8 | 6.2 | 6.2 | 2.2 | 34.4 | |
| Total % | 0 | 59.1 | 59.1 | 4.3 | 2.2 | 6.5 | 32.3 | 2.2 | 2.2 | 34.4 | | |



Peak Hour Analysis From 05:00 PM to 06:45 PM - Peak 1 of 1
Peak Hour for Each Approach Segment

| | 05:00 PM | | | 05:00 PM | | | 05:00 PM | | |
|--------------|----------|-------|------|----------|-------|------|----------|-------|------|
| | Left | Right | Thru | Left | Right | Thru | Left | Right | Thru |
| +10 mins. | 0 | 11 | 11 | 1 | 1 | 2 | 4 | 1 | 5 |
| +10 mins. | 0 | 10 | 10 | 1 | 0 | 1 | 3 | 1 | 9 |
| +10 mins. | 0 | 4 | 4 | 0 | 0 | 0 | 8 | 0 | 8 |
| +10 mins. | 0 | 5 | 5 | 0 | 0 | 0 | 4 | 0 | 4 |
| Total Volume | 0 | 30 | 30 | 3 | 1 | 3 | 24 | 1 | 26 |
| % App. Total | 0.00 | 68.2 | 68.2 | 7.50 | 2.50 | 4.17 | 93.8 | 7.7 | 77.2 |
| PHF | 0.00 | 68.2 | 68.2 | 7.50 | 2.50 | 4.17 | 93.8 | 7.7 | 77.2 |