

APPENDIX E

GOALS AND OBJECTIVES SURVEY RESULTS

| SR/T GOALS - ALL RESPONDENTS PROFILE (RAW) | | High | Medium | Low | No-Resp | Total |
|--|--|---------------------------|---------------------------|------------|----------------|--------------|
| 1. Enhance traffic incident management | | 30 | 2 | 1 | 1 | 34 |
| 2. Enhance real-time traffic control operations | | 25 | 6 | 2 | 1 | 34 |
| 3. Support traffic law and regulation enforcement | | 6 | 15 | 12 | 1 | 34 |
| 4. Enhance traffic mgmnt during snow storms & other emergencies | | 23 | 10 | 0 | 1 | 34 |
| 5. Facilitate Travel Demand Management strategy implementation | | 8 | 14 | 11 | 1 | 34 |
| 6. Improve multi-modal and inter-modal transportation operations | | 20 | 12 | 2 | | 34 |
| 7. Enhance transportation systems planning database | | 8 | 19 | 5 | 2 | 34 |
| 8. Support Traveler Information Services | | 19 | 12 | 3 | | 34 |
| SR/T GOALS - ALL RESPONDENTS PROFILE (PRIORITIZED) | | Score (Scale of 4) | Score (Scale of 4) | | | |
| 3. Support traffic law and regulation enforcement | | 2.82 | 3.88 | | | |
| 5. Facilitate Travel Demand Management strategy implementation | | 2.91 | 3.70 | | | |
| 7. Enhance transportation systems planning database | | 3.09 | 2.82 | | | |
| 8. Support Traveler Information Services | | 3.47 | 3.70 | | | |
| 6. Improve multi-modal and inter-modal transportation operations | | 3.53 | 2.91 | | | |
| 2. Enhance real-time traffic control operations | | 3.70 | 3.53 | | | |
| 4. Enhance traffic mgmnt during snow storms & other emergencies | | 3.70 | 3.09 | | | |
| 1. Enhance traffic incident management | | 3.88 | 3.47 | | | |
| SR/T GOALS - DOT PROFILE (RAW) | | High | Medium | Low | No-Resp | Total |
| 1. Enhance traffic incident management | | 14 | 0 | 0 | 0 | 14 |
| 2. Enhance real-time traffic control operations | | 10 | 3 | 1 | 0 | 14 |
| 3. Support traffic law and regulation enforcement | | 1 | 6 | 7 | 0 | 14 |
| 4. Enhance traffic mgmnt during snow storms & other emergencies | | 9 | 5 | 0 | 0 | 14 |
| 5. Facilitate Travel Demand Management strategy implementation | | 2 | 7 | 5 | 0 | 14 |
| 6. Improve multi-modal and inter-modal transportation operations | | 7 | 6 | 1 | 0 | 14 |
| 7. Enhance transportation systems planning database | | 1 | 9 | 4 | 0 | 14 |
| 8. Support Traveler Information Services | | 7 | 5 | 2 | 0 | 14 |

| SR/TGOALS - DOT PROFILE (PRIORITIZED) | | Score (Scale of 4) | Score (Scale of 4) | Score (Scale of 4) | Low | Medium | High | No-Resp | Total |
|---|---|-----------------------|-----------------------|-----------------------|-----|--------|------|---------|-------|
| 3. | Support traffic law and regulation enforcement | 2.57 | 4.00 | | 0 | 0 | 10 | 0 | 10 |
| 5. | Facilitate Travel Demand Management strategy implementation | 2.79 | 3.64 | | 0 | 1 | 9 | 0 | 10 |
| 7. | Enhance transportation systems planning database | 2.79 | 2.57 | | 2 | 4 | 4 | 0 | 10 |
| 8. | Support Traveler Information Services | 3.36 | 3.64 | | 0 | 2 | 8 | 0 | 10 |
| 6. | Improve multi-modal and inter-modal transportation operations | 3.43 | 2.79 | | 4 | 4 | 2 | 0 | 10 |
| 2. | Enhance real-time traffic control operations | 3.64 | 3.43 | | 1 | 4 | 5 | 0 | 10 |
| 4. | Enhance traffic mgmnt during snow storms & other emergencies | 3.64 | 2.79 | | 1 | 6 | 3 | 0 | 10 |
| 1. | Enhance traffic incident management | 4.00 | 3.36 | | 1 | 5 | 4 | 0 | 10 |
| SR/T GOALS - TRANS. AUTH. PROFILE (RAW) | | | | | | | | | |
| 1. | Enhance traffic incident management | 10 | 0 | | 0 | 0 | 10 | 0 | 10 |
| 2. | Enhance real-time traffic control operations | 9 | 1 | | 0 | 1 | 9 | 0 | 10 |
| 3. | Support traffic law and regulation enforcement | 4 | 4 | | 2 | 4 | 4 | 0 | 10 |
| 4. | Enhance traffic mgmnt during snow storms & other emergencies | 8 | 2 | | 0 | 2 | 8 | 0 | 10 |
| 5. | Facilitate Travel Demand Management strategy implementation | 2 | 4 | | 4 | 4 | 2 | 0 | 10 |
| 6. | Improve multi-modal and inter-modal transportation operations | 5 | 4 | | 1 | 4 | 5 | 0 | 10 |
| 7. | Enhance transportation systems planning database | 3 | 6 | | 1 | 6 | 3 | 0 | 10 |
| 8. | Support Traveler Information Services | 4 | 5 | | 1 | 5 | 4 | 0 | 10 |
| SR/TGOALS - TRANS. AUTH. PROFILE (PRIORITIZED) | | | | | | | | | |
| 5. | Facilitate Travel Demand Management strategy implementation | 2.80 | 4.00 | | | | | | |
| 3. | Support traffic law and regulation enforcement | 3.20 | 3.90 | | | | | | |
| 7. | Enhance transportation systems planning database | 3.20 | 3.20 | | | | | | |
| 8. | Support Traveler Information Services | 3.30 | 3.80 | | | | | | |
| 6. | Improve multi-modal and inter-modal transportation operations | 3.40 | 2.80 | | | | | | |
| 4. | Enhance traffic mgmnt during snow storms & other emergencies | 3.80 | 3.40 | | | | | | |
| 2. | Enhance real-time traffic control operations | 3.90 | 3.20 | | | | | | |
| 1. | Enhance traffic incident management | 4.00 | 3.30 | | | | | | |

| SR/T GOALS - AFFILIATED PUB/PRIV ORGS. PROFILE (RAW) | | High | Medium | Low | No-Resp | Total |
|--|--|---------------------------|---------------------------|------------|----------------|--------------|
| 1. Enhance traffic incident management | | 8 | 2 | 1 | 0 | 11 |
| 2. Enhance real-time traffic control operations | | 8 | 2 | 1 | 0 | 11 |
| 3. Support traffic law and regulation enforcement | | 1 | 6 | 4 | 0 | 11 |
| 4. Enhance traffic mgmt during snow storms & other emergencies | | 8 | 3 | 0 | 0 | 11 |
| 5. Facilitate Travel Demand Management strategy implementation | | 2 | 7 | 2 | 0 | 11 |
| 6. Improve multi-modal and inter-modal transportation operations | | 7 | 2 | 2 | 0 | 11 |
| 7. Enhance transportation systems planning database | | 4 | 5 | 2 | 0 | 11 |
| 8. Support Traveler Information Services | | 7 | 3 | 1 | 0 | 11 |
| SR/T GOALS - PUB/PRIV AFFL. ORGS PROFILE (PRIORITIZED) | | | | | | |
| | | Score (Scale of 4) | Score (Scale of 4) | | | |
| 3. Support traffic law and regulation enforcement | | 2.73 | 3.64 | | | |
| 5. Facilitate Travel Demand Management strategy implementation | | 3.00 | 3.64 | | | |
| 7. Enhance transportation systems planning database | | 3.18 | 2.73 | | | |
| 6. Improve multi-modal and inter-modal transportation operations | | 3.45 | 3.73 | | | |
| 8. Support Traveler Information Services | | 3.55 | 3.00 | | | |
| 1. Enhance traffic incident management | | 3.64 | 3.45 | | | |
| 2. Enhance real-time traffic control operations | | 3.64 | 3.18 | | | |
| 4. Enhance traffic mgmt during snow storms & other emergencies | | 3.73 | 3.55 | | | |
| SR/T GOALS - TRANSIT AGENCIES PROFILE (RAW) | | | | | | |
| | | High | Medium | Low | No-Resp | Total |
| 1. Enhance traffic incident management | | 5 | 0 | 0 | 1 | 6 |
| 2. Enhance real-time traffic control operations | | 5 | 0 | 0 | 1 | 6 |
| 3. Support traffic law and regulation enforcement | | 0 | 4 | 1 | 1 | 6 |
| 4. Enhance traffic mgmt during snow storms & other emergencies | | 3 | 2 | 0 | 1 | 6 |
| 5. Facilitate Travel Demand Management strategy implementation | | 2 | 3 | 0 | 1 | 6 |
| 6. Improve multi-modal and inter-modal transportation operations | | 5 | 0 | 0 | 1 | 6 |
| 7. Enhance transportation systems planning database | | 2 | 2 | 0 | 2 | 6 |
| 8. Support Traveler Information Services | | 5 | 1 | 0 | 0 | 6 |

| | | | | | | |
|---|--------------------|--------------------|-----|---------|-------|--|
| OBJECTIVES to Support traffic law and regulation enforcement | | | | | | |
| a. Provide speed measurements (law enforcement) | Score (Scale of 4) | Score (Scale of 4) | | | | |
| | 2.66 | 2.66 | | | | |
| d. Determine vehicle occupancy (for HOV) | Score (Scale of 4) | Score (Scale of 4) | | | | |
| | 2.78 | 2.97 | | | | |
| c. Provide vehicle height and width measurements | Score (Scale of 4) | Score (Scale of 4) | | | | |
| | 2.81 | 2.81 | | | | |
| b. Provide weight measurements | Score (Scale of 4) | Score (Scale of 4) | | | | |
| | 2.97 | 2.78 | | | | |
| OBJECTIVES to Enhance traffic mngnt during snow storms | | | | | | |
| a. Support adaptive control | High | Medium | Low | No-Resp | Total | |
| | 21 | 9 | 2 | 2 | 34 | |
| b. Support snow removal scheduling & operations | High | Medium | Low | No-Resp | Total | |
| | 19 | 11 | 2 | 2 | 34 | |
| OBJECTIVES to Enhance traffic mngnt during snow storms | | | | | | |
| b. Support snow removal scheduling & operations | Score (Scale of 4) | Score (Scale of 4) | | | | |
| | 3.53 | 3.59 | | | | |
| a. Support adaptive control | Score (Scale of 4) | Score (Scale of 4) | | | | |
| | 3.59 | 3.53 | | | | |
| OBJECTIVES to Facilitate TDM strategy implementation | | | | | | |
| a. Identify traffic congestion locations and levels (TDM Support) | High | Medium | Low | No-Resp | Total | |
| | 22 | 7 | 3 | 2 | 34 | |
| b. Characterize traffic demand levels (e.g., V/C vs. time of day) | High | Medium | Low | No-Resp | Total | |
| | 13 | 13 | 6 | 2 | 34 | |
| d. Monitor air quality (TDM Support) | High | Medium | Low | No-Resp | Total | |
| | 7 | 13 | 12 | 2 | 34 | |
| OBJECTIVES to Facilitate TDM strategy implementation | | | | | | |
| d. Monitor air quality (TDM Support) | Score (Scale of 4) | Score (Scale of 4) | | | | |
| | 2.84 | 3.59 | | | | |
| b. Characterize traffic demand levels (e.g., V/C vs. time of day) | Score (Scale of 4) | Score (Scale of 4) | | | | |
| | 3.22 | 3.22 | | | | |
| a. Identify traffic congestion locations and levels (TDM Support) | Score (Scale of 4) | Score (Scale of 4) | | | | |
| | 3.59 | 2.84 | | | | |

| OBJECTIVES to Improve multi-modal and inter-modal trans.ops. from All Respondents | | High | Medium | Low | No-Resp | Total |
|--|--|--------------------|--------------------|-----|---------|-------|
| a. | Track transit vehicle location and schedule adherence | 14 | 11 | 7 | 2 | 34 |
| b. | Provide transit vehicle tracks as probe data | 12 | 12 | 9 | 1 | 34 |
| c. | Provide link travel times for transit time of arrival estimates | 16 | 8 | 8 | 2 | 34 |
| d. | Provide passenger loading estimates | 6 | 14 | 13 | 1 | 34 |
| e. | Provide park-and-ride lot status | 13 | 12 | 9 | | 34 |
| f. | Provide traveler security surveillance at transit stops and stations | 18 | 9 | 6 | 1 | 34 |
| OBJECTIVES to Improve multi-modal and inter-modal trans. ops. from All Respondents | | Score (Scale of 4) | Score (Scale of 4) | | | |
| d. | Provide passenger loading estimates | 2.79 | 3.22 | | | |
| b. | Provide transit vehicle tracks as probe data | 3.09 | 3.09 | | | |
| e. | Provide park-and-ride lot status | 3.12 | 3.25 | | | |
| a. | Track transit vehicle location and schedule adherence | 3.22 | 2.79 | | | |
| c. | Provide link travel times for transit time of arrival estimates | 3.25 | 3.12 | | | |
| f. | Provide traveler security surveillance at transit stops and stations | 3.36 | 3.36 | | | |
| OBJECTIVES to Improve multi-modal and inter-modal trans. ops. from Transit Agencies | | High | Medium | Low | No-Resp | Total |
| a. | Track transit vehicle location and schedule adherence | 5 | 1 | 0 | 0 | 6 |
| b. | Provide transit vehicle tracks as probe data | 4 | 1 | 0 | 1 | 6 |
| c. | Provide link travel times for transit time of arrival estimates | 6 | 0 | 0 | 0 | 6 |
| d. | Provide passenger loading estimates | 3 | 0 | 2 | 1 | 6 |
| e. | Provide park-and-ride lot status | 5 | 0 | 1 | 0 | 6 |
| f. | Provide traveler security surveillance at transit stops and stations | 6 | 0 | 0 | 0 | 6 |

| OBJECTIVES to Improve multi-modal and inter-modal trans. ops. from Transit Agencies | Score (Scale of 4) | Score (Scale of 4) | Low | Medium | High | No-Resp | Total |
|---|--------------------|--------------------|-----|--------|------|---------|-------|
| d. Provide passenger loading estimates | 3.20 | 3.83 | | | | | |
| e. Provide park-and-ride lot status | 3.67 | 3.80 | | | | | |
| b. Provide transit vehicle tracks as probe data | 3.80 | 4.00 | | | | | |
| a. Track transit vehicle location and schedule adherence | 3.83 | 3.20 | | | | | |
| c. Provide link travel times for transit time of arrival estimates | 4.00 | 3.67 | | | | | |
| f. Provide traveler security surveillance at transit stops and stations | 4.00 | 4.00 | | | | | |
| OBJECTIVES to Enhance transportation systems planning database | | | | | | | |
| a. Provide traffic count data | 21 | 10 | 1 | | | 2 | 34 |
| b. Provide VMT data | 15 | 12 | 4 | | | 3 | 34 |
| c. Provide traffic composition data | 17 | 9 | 6 | | | 2 | 34 |
| d. Provide delay data | 18 | 9 | 5 | | | 2 | 34 |
| e. Provide vehicle O-D data | 9 | 15 | 7 | | | 3 | 34 |
| f. Provide incident data (location, type, severity, time-of-day) | 23 | 7 | 2 | | | 2 | 34 |
| OBJECTIVES to Enhance transportation systems planning database | | | | | | | |
| e. Provide vehicle O-D data | 3.06 | 3.63 | | | | | |
| c. Provide traffic composition data | 3.34 | 3.35 | | | | | |
| b. Provide VMT data | 3.35 | 3.34 | | | | | |
| d. Provide delay data | 3.41 | 3.41 | | | | | |
| a. Provide traffic count data | 3.63 | 3.06 | | | | | |
| f. Provide incident data (location, type, severity, time-of-day) | 3.66 | 3.66 | | | | | |
| OBJECTIVES to Support Traveler Information Services | | | | | | | |
| a. Provide traffic conditions info. (e.g., congestion, incident) | 21 | 2 | 2 | | | 6 | 31 |
| b. Provide roadway conditions info. (e.g., closure, snow/ice) | 16 | 9 | 0 | | | 6 | 31 |
| c. Provide parking info. (e.g., park-and-ride, at destination) | 9 | 10 | 6 | | | 6 | 31 |
| d. Provide urban transit information | 12 | 7 | 6 | | | 6 | 31 |
| e. Provide inter-urban transit information | 12 | 8 | 5 | | | 6 | 31 |

| | Score (Scale of 4) | Score (Scale of 4) | Medium | Low | No-Resp | Total |
|--|-----------------------|-----------------------|--------|-----|---------|-------|
| OBJECTIVES to Support Traveler Information Services | | | | | | |
| c. Provide parking info. (e.g., park-and-ride, at destination) | 3.12 | 3.76 | | 0 | 5 | 32 |
| d. Provide urban transit information | 3.24 | 3.64 | | 6 | 5 | 30 |
| e. Provide inter-urban transit information | 3.28 | 3.12 | | 3 | 6 | 31 |
| b. Provide roadway conditions info. (e.g., closure, snow/ice) | 3.64 | 3.24 | | 6 | 5 | 31 |
| a. Provide traffic conditions info. (e.g., congestion, incident) | 3.76 | 3.28 | | 6 | 4 | 32 |
| OBJECTIVES to Support Traveler Information Services from Transit Agencies | | | | | | |
| a. Provide traffic conditions information (e.g., congestion, incident) | 4 | 0 | | 0 | | |
| b. Provide roadway conditions information (e.g., closure, snow/ice) | 4 | 0 | | 6 | | |
| c. Provide parking information (e.g., park-and-ride, at destination) | 2 | 1 | | 3 | | |
| d. Provide urban transit information | 4 | 0 | | 6 | | |
| e. Provide inter-urban transit information | 4 | 0 | | 6 | | |
| OBJECTIVES to Support Traveler Information Services from Transit Agencies | | | | | | |
| b. Provide roadway conditions information (e.g., closure, snow/ice) | 2.80 | 4.00 | | | | |
| d. Provide urban transit information | 2.80 | 2.80 | | | | |
| e. Provide inter-urban transit information | 2.80 | 2.83 | | | | |
| c. Provide parking information (e.g., park-and-ride, at destination) | 2.83 | 2.80 | | | | |
| a. Provide traffic conditions information (e.g., congestion, incident) | 4.00 | 2.80 | | | | |

| SHORT-TERM TECHNOLOGY - SURVEILLANCE TYPE | High | Medium | Low | No-Resp | Total |
|---|---------------------------|---------------------------|-----|---------|-------|
| Vehicle Detectors | 26 | 1 | 0 | 7 | 34 |
| Weigh-in-Motion (WIM) sensors | 13 | 6 | 6 | 8 | 33 |
| Video image (CCTV) system | 16 | 6 | 4 | 8 | 34 |
| Automated Vehicle Location (AVL) | 13 | 7 | 6 | 8 | 34 |
| Automated Vehicle Identification (AVI) | 16 | 6 | 6 | 6 | 34 |
| Aerial Surveillance | 5 | 10 | 10 | 9 | 34 |
| Environ. Pavement surface condition (dry/wet/icy) | 16 | 6 | 3 | 9 | 34 |
| Environ. Fog/visibility | 9 | 14 | 3 | 8 | 34 |
| Environ. Wind speed/direction | 6 | 11 | 8 | 9 | 34 |
| Environ. Air quality | 4 | 8 | 13 | 9 | 34 |
| Human Surv. - Police Patrol | 20 | 5 | 1 | 8 | 34 |
| Human Surv. - Motorist Call-in | 16 | 6 | 3 | 9 | 34 |
| Human Surv. - Freeway Service Patrol | 16 | 5 | 4 | 9 | 34 |
| Commercial Traffic Reports | 18 | 7 | 3 | 6 | 34 |
| | | | | | |
| | | | | | |
| SHORT-TERM TECHNOLOGY - PRIORITIZED BY SURVEILLANCE TYPE | Score (Scale of 4) | Score (Scale of 4) | | | |
| Environ. Air quality | 2.64 | 3.96 | | | |
| Aerial Surveillance | 2.80 | 3.28 | | | |
| Environ. Wind speed/direction | 2.92 | 3.46 | | | |
| Environ. Fog/visibility | 3.23 | 3.27 | | | |
| Automated Vehicle Location (AVL) | 3.27 | 3.36 | | | |
| Weigh-in-Motion (WIM) sensors | 3.28 | 2.80 | | | |
| Automated Vehicle Identification (AVI) | 3.36 | 3.52 | | | |
| Video image (CCTV) system | 3.46 | 3.23 | | | |
| Human Surv. - Freeway Service Patrol | 3.48 | 2.92 | | | |
| Human Surv. - Motorist Call-in | 3.52 | 2.64 | | | |
| Environ. Pavement surface condition (dry/wet/icy) | 3.52 | 3.73 | | | |
| Commercial Traffic Reports | 3.54 | 3.52 | | | |
| Human Surv. - Police Patrol | 3.73 | 3.48 | | | |
| Vehicle Detectors | 3.96 | 3.54 | | | |

| LONG-TERM TECHNOLOGY - SURVEILLANCE TYPE | | High | Medium | Low | No-Resp | Total |
|---|--|--------------------|--------------------|-----|---------|-------|
| Vehicle Detectors | | 24 | 0 | 1 | 9 | 34 |
| Weigh-in-Motion (WIM) sensors | | 15 | 7 | 3 | 9 | 34 |
| Video image (CCTV) system | | 16 | 7 | 2 | 9 | 34 |
| Automated Vehicle Location (AVL) | | 15 | 9 | 3 | 7 | 34 |
| Automated Vehicle Identification (AVI) | | 15 | 8 | 1 | 10 | 34 |
| Aerial Surveillance | | 5 | 7 | 14 | 8 | 34 |
| Environ. Pavement surface condition (dry/wet/icy) | | 19 | 4 | 2 | 9 | 34 |
| Environ. Fog/visibility | | 14 | 7 | 3 | 10 | 34 |
| Environ. Wind speed/direction | | 8 | 8 | 9 | 9 | 34 |
| Environ. Air quality | | 9 | 8 | 6 | 11 | 34 |
| Human Surv. - Police Patrol | | 16 | 5 | 3 | 10 | 34 |
| Human Surv. - Motorist Call-In | | 18 | 4 | 1 | 11 | 34 |
| Human Surv. - Freeway Service Patrol | | 14 | 3 | 5 | 12 | 34 |
| Commercial Traffic Reports | | 14 | 6 | 4 | 10 | 34 |
| | | | | | | |
| LONG-TERM TECHNOLOGY - SURVEILLANCE TYPE | | Score (Scale of 4) | Score (Scale of 4) | | | |
| Aerial Surveillance | | 2.65 | 3.92 | | | |
| Environ. Wind speed/direction | | 2.96 | 3.48 | | | |
| Environ. Air quality | | 3.13 | 3.56 | | | |
| Human Surv. - Freeway Service Patrol | | 3.41 | 3.44 | | | |
| Commercial Traffic Reports | | 3.42 | 3.58 | | | |
| Automated Vehicle Location (AVL) | | 3.44 | 2.65 | | | |
| Environ. Fog/visibility | | 3.46 | 3.68 | | | |
| Weigh-in-Motion (WIM) sensors | | 3.48 | 3.46 | | | |
| Human Surv. - Police Patrol | | 3.54 | 2.96 | | | |
| Video image (CCTV) system | | 3.56 | 3.13 | | | |
| Automated Vehicle Identification (AVI) | | 3.58 | 3.54 | | | |
| Environ. Pavement surface condition (dry/wet/icy) | | 3.68 | 3.74 | | | |
| Human Surv. - Motorist Call-In | | 3.74 | 3.41 | | | |
| Vehicle Detectors | | 3.92 | 3.42 | | | |

| TECHNOLOGY VISION - Alternative Vehicle Detectors: | | | | | | |
|---|--------------------|--------------------|-------------|-----------------|---------|-------|
| | High | Medium | Low | Not Likely | No-Resp | Total |
| Inductive loop | 24 | 1 | 0 | 1 | 8 | 34 |
| Magnetic | 3 | 6 | 10 | 6 | 9 | 34 |
| Magnetometer | 1 | 5 | 10 | 8 | 10 | 34 |
| Pressure | 3 | 6 | 9 | 7 | 9 | 34 |
| Sonic and Ultrasonic | 3 | 12 | 6 | 4 | 9 | 34 |
| Infrared | 5 | 15 | 1 | 3 | 10 | 34 |
| Light-emission photo-electric | 4 | 9 | 4 | 6 | 11 | 34 |
| Microwave/radar | 16 | 7 | 0 | 1 | 10 | 34 |
| Video image processing | 18 | 6 | 1 | 2 | 7 | 34 |
| | | | | | | |
| | | | | | | |
| TECHNOLOGY VISION - Alternative Vehicle Detectors: | | | | | | |
| | Score (Scale of 4) | Score (Scale of 4) | | | | |
| Magnetometer | 2.44 | 3.96 | | | | |
| Magnetic | 2.63 | 2.63 | | | | |
| Pressure | 2.67 | 2.44 | | | | |
| Sonic and Ultrasonic | 2.86 | 2.67 | | | | |
| Light-emission photo-electric | 3.00 | 2.86 | | | | |
| Infrared | 3.19 | 3.19 | | | | |
| Video image processing | 3.68 | 3.00 | | | | |
| Microwave/radar | 3.70 | 3.70 | | | | |
| Inductive loop | 3.96 | 3.68 | | | | |
| | | | | | | |
| | | | | | | |
| PRIVATE SECTOR PARTICIPATION | | | | | | |
| | Yes | No | No-Resp | Total | | |
| Currently receive or exchange surveillance info with private organizations? | 16 | 13 | 5 | 34 | | |
| | | | | | | |
| | | | | | | |
| PRIVATE SECTOR PARTICIPATION | | | | | | |
| | Very Significant | Significant | Significant | Not Significant | No-Resp | Total |
| Role of the private sector in the I-95 Corridor? | 4 | 17 | 6 | | 7 | 34 |
| | | | | | | |
| | | | | | | |
| PRIVATE SECTOR PARTICIPATION | | | | | | |
| | Yes | No | No-Resp | Total | | |
| Favor public/private partnership for surveillance info? | 23 | 4 | 7 | 34 | | |

| | | | | |
|--|------|--|--|--|
| 4b. Support snow removal scheduling & operations | 3.52 | | | |
| 7d. Provide delay data | 3.43 | | | |
| 7c. Provide traffic composition data | 3.39 | | | |
| 2b. Support real-time, traffic adaptive control | 3.39 | | | |
| 7b. Provide VMT data | 3.37 | | | |
| 6f. Provide traveler security surveillance at transit stops and stations | 3.32 | | | |
| 6c. Provide link travel times for transit time of arrival estimates | 3.22 | | | |
| 6a. Track transit vehicle location and schedule adherence | 3.22 | | | |
| 8e. Provide inter-urban transit information | 3.22 | | | |
| 8d. Provide urban transit information | 3.19 | | | |
| 5b. Characterize traffic demand levels (e.g., V/C vs. time of day) | 3.15 | | | |
| 2d. Enhance HOV control & operations | 3.11 | | | |
| 6b. Provide transit vehicle tracks as probe data | 3.10 | | | |
| 6e. Provide park-and-ride lot status | 3.07 | | | |
| 2e. Accommodate priority vehicles | 3.04 | | | |
| 8c. Provide parking information (e.g., park-and-ride, at destination) | 3.04 | | | |
| 7e. Provide vehicle O-D data | 3.04 | | | |
| 3b. Provide weight measurements | 2.96 | | | |
| 2c. Facilitate reversible-lane operations | 2.93 | | | |
| 5d. Monitor air quality | 2.89 | | | |
| 3c. Provide vehicle height and width measurements | 2.79 | | | |
| 6d. Provide passenger loading estimates | 2.79 | | | |
| 1f. Provide continuous tracking of HAZMAT carriers | 2.78 | | | |
| 3d. Determine vehicle occupancy (for HOV) | 2.77 | | | |
| 2g. Support congestion pricing | 2.74 | | | |
| 2a. Improve ramp metering | 2.71 | | | |
| 2f. Accommodate variable speed limit determination | 2.59 | | | |
| 3a. Provide speed measurements | | | | |