



ST. LOUIS DISTRICT MOBILITY

MARCH/APRIL 2016

GUIDEPOST

- FREEWAY MOBILITY WAS FAIRLY CONSISTENT IN THE AM COMPARED TO PREVIOUS MONTHS AND DECLINED IN THE PM
- MOBILITY IN BOTH PEAKS ALONG I-44, I-64, I-70 AND I-270 WERE IMPACTED BY RECURRING INCIDENT HOT SPOTS, MERGING NEAR INTERCHANGES AND INCREASES IN NUMBER OF WORK ZONES
- BOTH ARTERIAL PEAKS STILL SLOW NEAR INTERSECTIONS WITH INTERSTATES AND MAJOR ROUTES
- ARTERIAL TRAVEL CONTINUES TO BE BETTER IN AM PEAK THAN PM
- WORK ZONE CRASHES SIGNIFICANTLY INCREASED AND DESPITE THE LOW IMPACT ON MOBILITY SHOULD SERVE AS A CONSTANT REMINDER OF THE IMPORTANCE OF WORK ZONE SAFETY
- ST. LOUIS DISTRICT TOPPED THE 1000 RESPONDERS TRAINED IN TRAFFIC INCIDENT MANAGEMENT MARK IN LATE APRIL



RECOVERY OF A SEMI-TRUCK HANGING OVER THE SIDE OF THE DISCOVERY BRIDGE ON ROUTE 370 IMPACTED MOBILITY THROUGH THE APRIL 6, 2016 EVENING RUSH.

MOBILITY SNAPSHOT

FREEWAY MOBILITY

MARCH TO APRIL COMPARISON:
AM CONSISTENT / PM DECLINED

FREEWAY AVERAGE 24 HOUR VOLUMES

MAR 2015 → MAR 2016: -3.76%
APR 2015 → APR 2016: -4.08%

MAJOR INCIDENTS

MARCH 2016: 5 → APRIL 2016: 8

AVERAGE INCIDENT DURATION MAR → APR

LANE CLEARANCE: 25:59 → 31:17
INCIDENT CLEARANCE: 31:26 → 36:17
(MIN: SEC)

MAJOR IMPACT WORK ZONES

MARCH → 0 APRIL → 3

MODERATE IMPACT WORK ZONES

MARCH → 0 APRIL → 1

ZONING IN

TMS WORK ZONES

- ◆ MARCH 2016: 248
- ◆ APRIL 2016: 263

WORK ZONE BREAKDOWN:

- ◆ MAJOR: 3- 1.3%
- ◆ MODERATE: 1- 0.4%
- ◆ MINOR: 233- 98.3%

WORK ZONE CRASHES: 20





WORK ZONES

| TMC Observed Work Zones March - April 2016 | | | |
|---|----------------------|-----------------------------|----------------------|
| March | | April | |
| Level of Travel Time Impact | Number of Work Zones | Level of Travel Time Impact | Number of Work Zones |
| Major Impact | 0 | Major Impact | 3 |
| Moderate Impact | 0 | Moderate Impact | 1 |
| Minor Impact | 109 | Minor Impact | 124 |
| Total | 109 | Total | 128 |

*Impact Levels described in Data Key

SL Mobility Rating:

- ◆ Mar 2016: 95%
- ◆ Apr 2016: 89%
- ◆ Goal: 91%

SL Visibility levels:

- ◆ Mar 2016: 94%
- ◆ Apr 2016: 93%
- ◆ Goal: 91%

Major Impact (15 Minutes or Above Additional Travel Time)

4/15, 4/16, 4/17 (Friday – Sunday) Northbound I-55 at Route Z – Right Lane Closed

- Bridge resurfacing
- RITIS data recorded an average additional travel time of 34 minutes each day
- All mitigation efforts were in use
- A zipper merge was used to reduce the queues

Moderate Impact (10-14 Minutes Additional Travel Time)

4/13 (Wednesday) AM Eastbound I-44 at Route O – Right Lane Closed

- On-call emergency pavement repair
- RITIS data recorded an additional travel time of 14 minutes for a 10 minute window with additional travel times less than 10 minutes throughout the rest of the day
- All mitigation efforts were in use

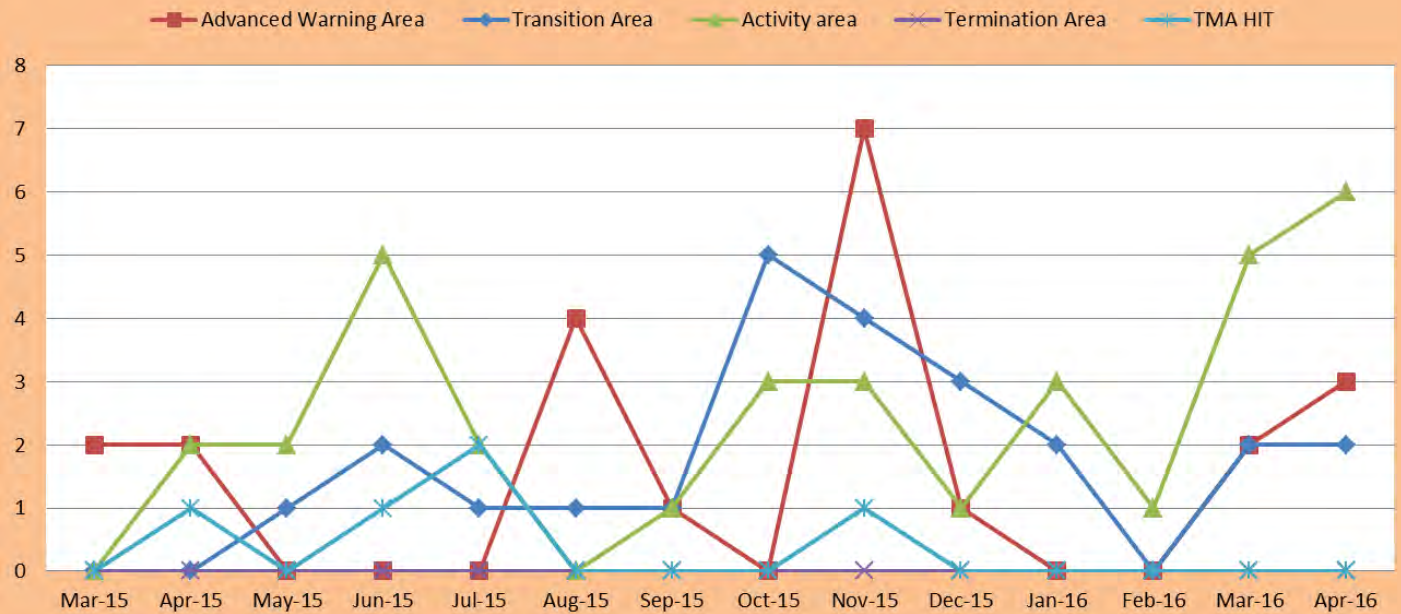
Work Zone Related Crashes with Mobility Impact

*****None*****

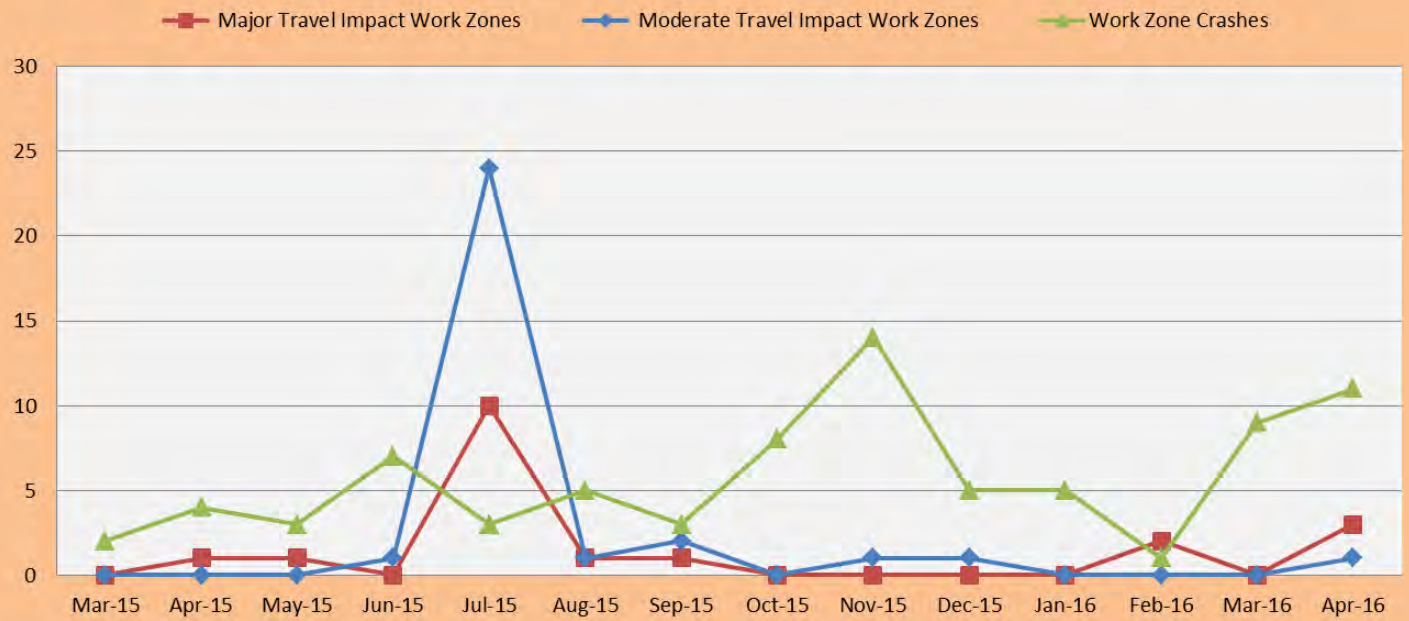


WORK ZONES

YTD Work Zone Crashes Relative to Work Zone

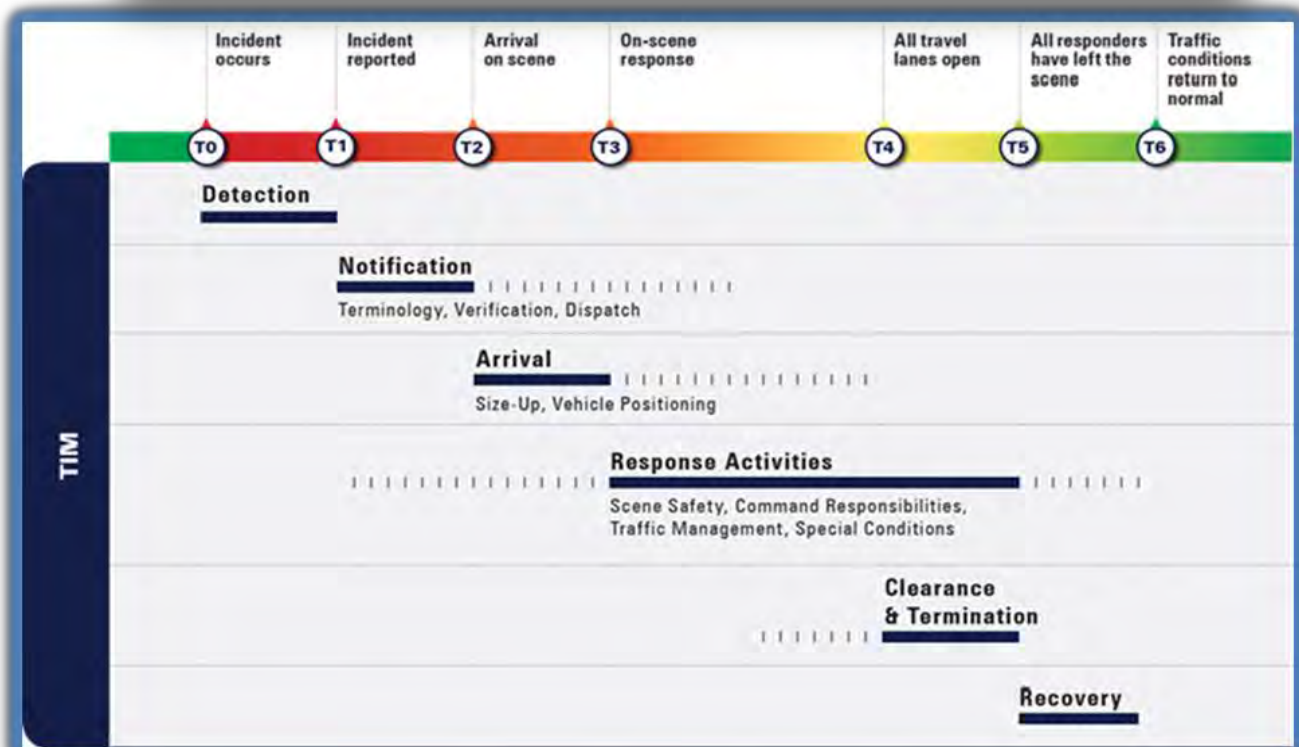
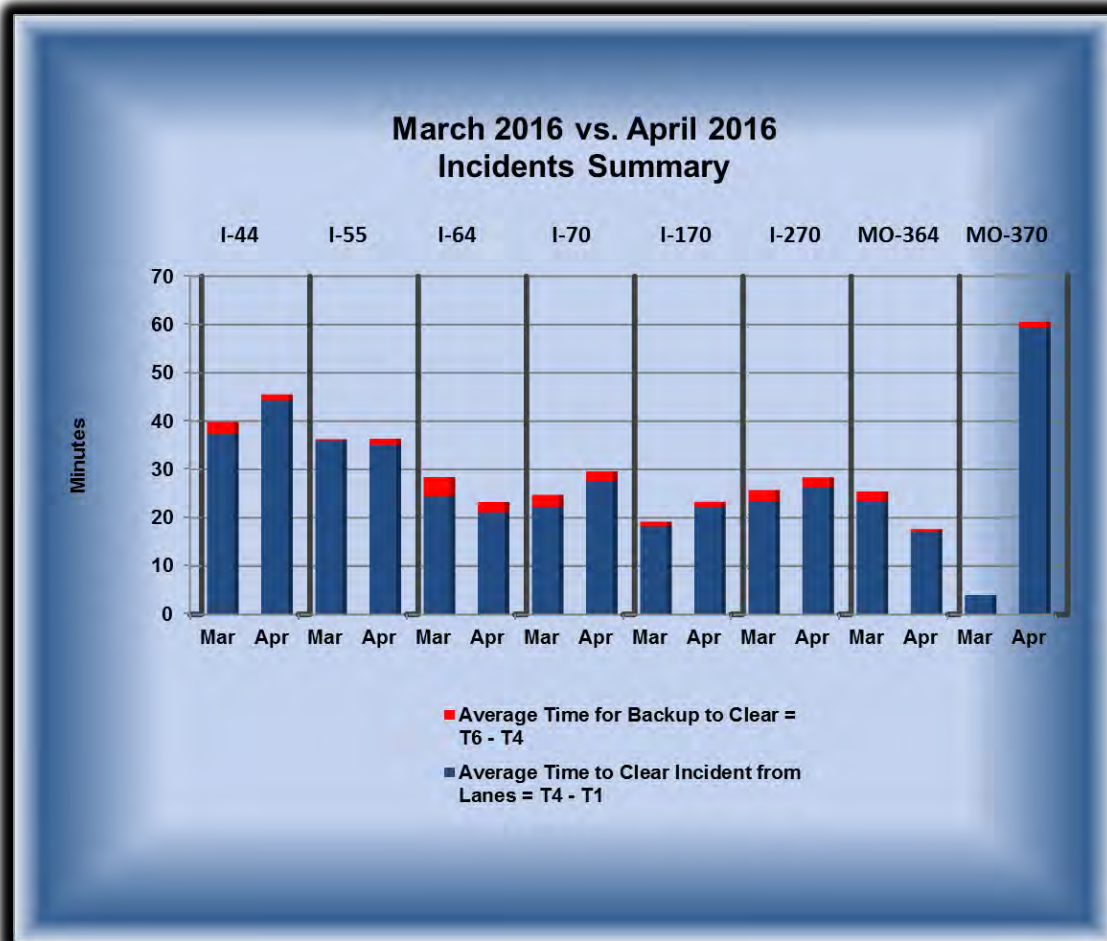


YTD Work Zone History

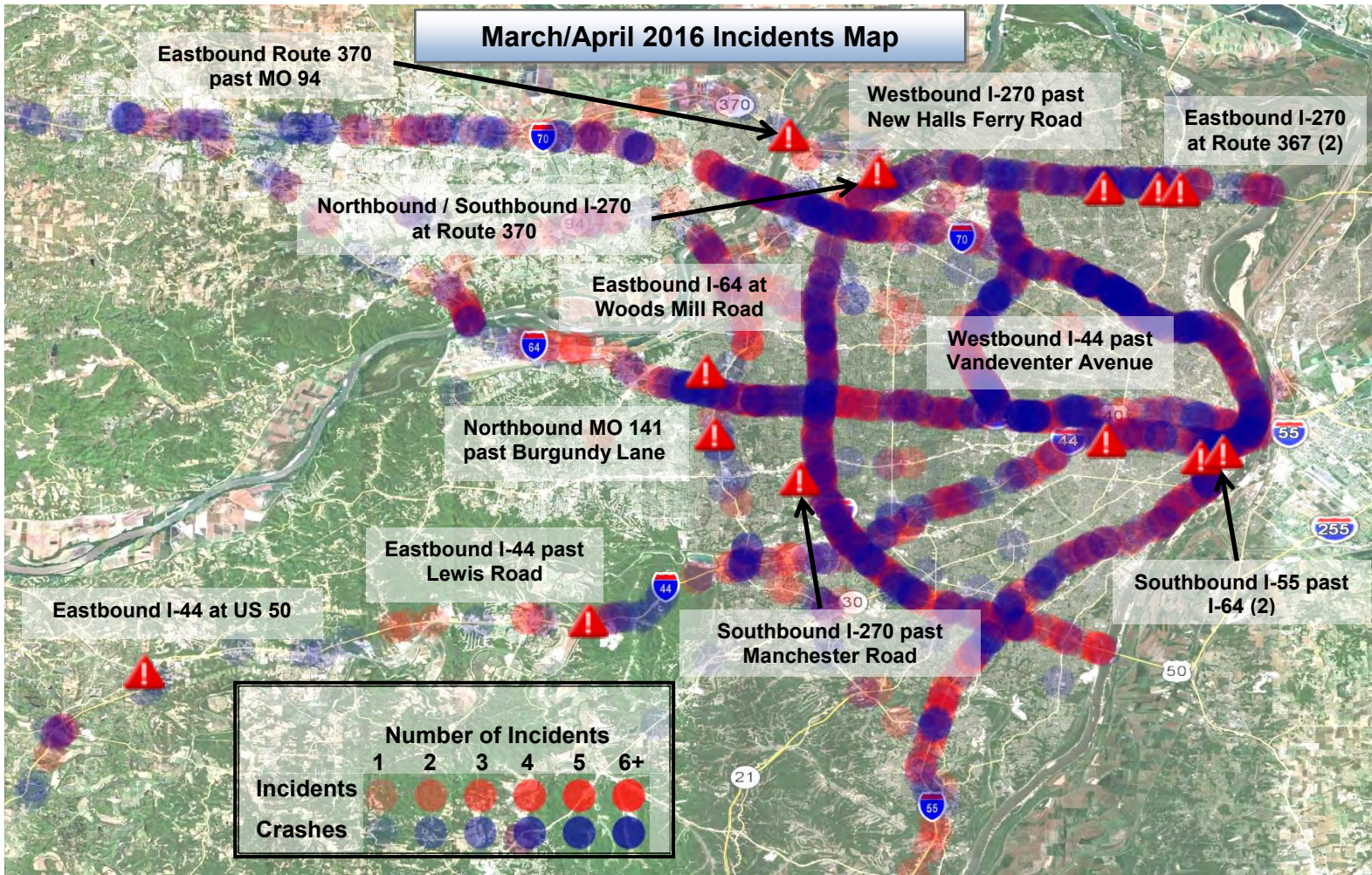




INCIDENT MANAGEMENT

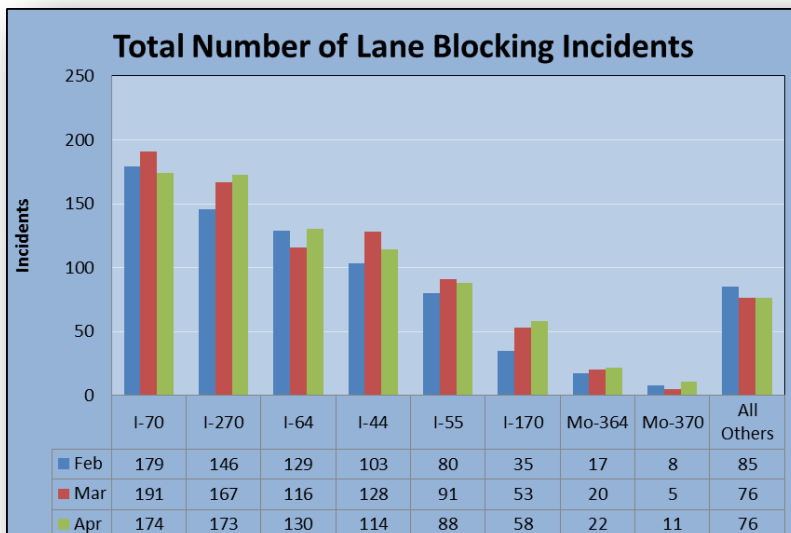


INCIDENT MANAGEMENT



Denotes Location of Major Impact Traffic Incidents

Total Number of Incidents: February: 782 / March: 847 / April: 846



Major Impact Incidents
March 2016 vs. April 2016
(5) (8)

Fatal Incidents
March 2016 vs. April 2016
(7) (6)

Tractor Trailer Incidents
March 2016 vs. April 2016
(63) (64)

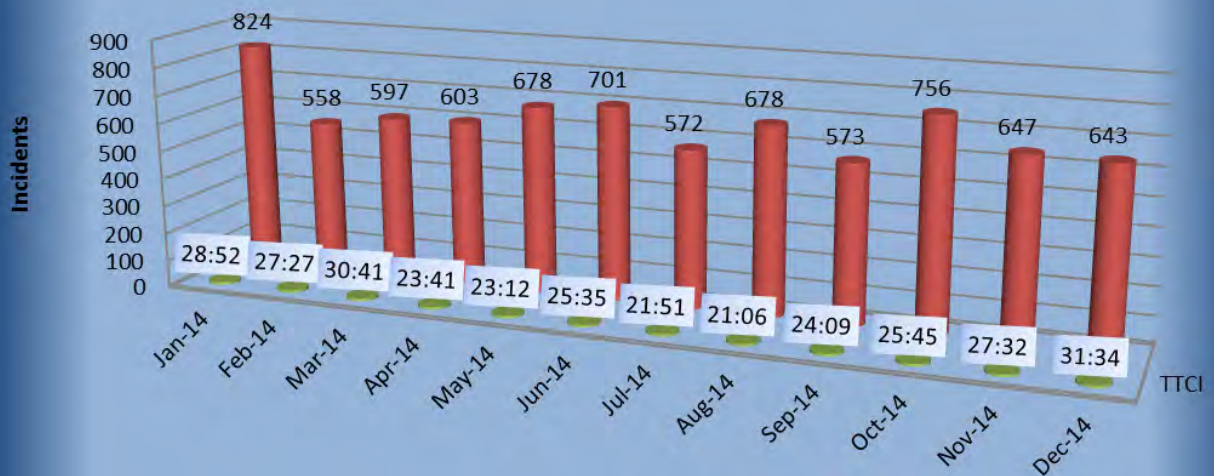


INCIDENT MANAGEMENT

Lane Blocking Incidents by Freeway March and April 2016

| Interstate | Month | Number of Incidents | Average Time to Clear Incident from Lanes = T4 - T1 | Average Time for Backup to Clear = T6 - T4 | Freeway Miles | Incidents per Mile |
|--------------|----------------|---------------------|---|--|---------------|--------------------|
| I-44 | Mar | 128 | 37:32 | 02:54 | 33 | 3.88 |
| I-44 | Apr | 114 | 44:28 | 01:28 | 33 | 3.45 |
| I-55 | Mar | 91 | 36:01 | 00:24 | 23 | 3.96 |
| I-55 | Apr | 88 | 35:10 | 01:27 | 23 | 3.83 |
| I-64 | Mar | 116 | 24:39 | 04:06 | 40 | 2.90 |
| I-64 | Apr | 130 | 21:07 | 04:06 | 40 | 3.25 |
| I-70 | Mar | 191 | 22:23 | 02:54 | 38 | 5.03 |
| I-70 | Apr | 174 | 27:56 | 02:08 | 38 | 4.58 |
| I-170 | Mar | 53 | 18:20 | 01:02 | 11 | 4.82 |
| I-170 | Apr | 58 | 22:29 | 01:04 | 11 | 5.27 |
| I-270 | Mar | 167 | 23:29 | 02:48 | 36 | 4.64 |
| I-270 | Apr | 173 | 26:28 | 02:10 | 36 | 4.81 |
| MO-364 | Mar | 20 | 23:42 | 02:04 | 11 | 1.82 |
| MO-364 | Apr | 22 | 17:08 | 00:57 | 11 | 2.00 |
| MO-370 | Mar | 5 | 04:00 | 00:00 | 13 | 0.38 |
| MO-370 | Apr | 11 | 59:32 | 01:27 | 13 | 0.85 |
| Total | Mar/Apr | 1541 | 27:46 | 01:56 | 410 | 3.76 |

2014 Number of Incidents and Time to Clear Lanes



| | Jan-14 | Feb-14 | Mar-14 | Apr-14 | May-14 | Jun-14 | Jul-14 | Aug-14 | Sep-14 | Oct-14 | Nov-14 | Dec-14 |
|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| TTCI | 28:52 | 27:27 | 30:41 | 23:41 | 23:12 | 25:35 | 21:51 | 21:06 | 24:09 | 25:45 | 27:32 | 31:34 |
| Incidents | 824 | 558 | 597 | 603 | 678 | 701 | 572 | 678 | 573 | 756 | 647 | 643 |



INCIDENT MANAGEMENT

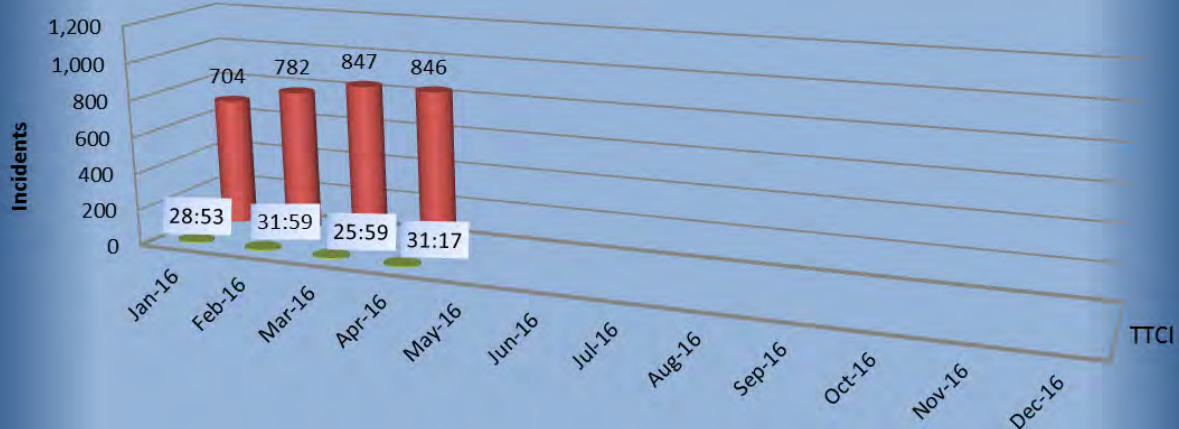
2015 Number of Incidents and Time to Clear Lanes

*Note changes in Incident reporting data began in July 2015



| | Jan-15 | Feb-15 | Mar-15 | Apr-15 | May-15 | Jun-15 | Jul-15 | Aug-15 | Sep-15 | Oct-15 | Nov-15 | Dec-15 |
|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| TTCI | 26:49 | 26:59 | 27:23 | 23:10 | 30:45 | 31:34 | 26:32 | 28:10 | 26:15 | 30:16 | 27:36 | 30:57 |
| Incidents | 576 | 662 | 636 | 647 | 767 | 755 | 889 | 997 | 906 | 1002 | 1009 | 889 |

2016 Number of Incidents and Time to Clear Lanes



| | Jan-16 | Feb-16 | Mar-16 | Apr-16 | May-16 | Jun-16 | Jul-16 | Aug-16 | Sep-16 | Oct-16 | Nov-16 | Dec-16 |
|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| TTCI | 28:53 | 31:59 | 25:59 | 31:17 | | | | | | | | |
| Incidents | 704 | 782 | 847 | 846 | | | | | | | | |

INCIDENT MANAGEMENT

| Incidents With Lanes Blocked Over 2 Hours March 2016 | | | | | | | |
|--|-----------------|-------------|----------------|----------------------------------|---|----------------|-----------------|
| # | Date & Time | Day of Week | Route | Location | Description | Duration HH/MM | Mobility Impact |
| 1 | 3/1/2016 15:08 | Tuesday | I-44 EB | MM 179 | Single vehicle crash in the median // Investigation and recovery from the eastbound lane 1 of 2 lanes // no queue | 2:05 | Minor |
| 2 | 3/10/2016 7:17 | Thursday | I-270 SB | PAST MANCHESTER RD | Two vehicle fatal crash car vs. tractor trailer // entrapments // reconstruction // 5 of 5 lanes closed // queue 4.8 mile to Olive | 4:45 | Major |
| 3 | 3/11/2016 15:10 | Friday | I-70 WB | ON RAMP FROM JENNINGS STATION RD | Two vehicle crash with recovery of overturned vehicle in ditch // delay waiting on tow // ramp closed during recovery | 2:08 | Minor |
| 4 | 3/14/2016 15:42 | Monday | I-270 EB | AT MO 367 | Single ejection, single fatal // 3 of 3 lanes closed // Traffic detoured to New Halls Ferry // 8-mile queue | 3:01 | Major |
| 5 | 3/17/2016 2:16 | Thursday | E 30 MO | BIRDIE LANE | Traffic control at 2386 HWY 30 for a house fire with fatalities // Road closed for 4 hours traffic detoured | 3:17 | Minor |
| 6 | 3/20/2016 9:54 | Sunday | I-44 EB | PAST MO 100 EAST | DOD Trailer with broken axle // 1 of 1 lane closed // no queue // load secured vehicle moved off road for repairs | 2:09 | Minor |
| 7 | 3/20/2016 14:09 | Sunday | I-44 WB | BEFORE HAMPTON AVE | Two vehicle accident in work zone // damage to barrier wall // adjust the lane drop to fix wall // 2 of 4 lanes closed no queue | 2:04 | Minor |
| 8 | 3/22/2016 22:19 | Tuesday | I-64 WB | TO CLAYTON RD | Police pursuit // Single vehicle crash with electrical pole and multiple wires knocked down // exit closed // no queue | 3:48 | Minor |
| 9 | 3/23/2016 15:24 | Wednesday | I-55 SB | PAST I-64 WB | Overturned flat bed tractor trailer // closed ramp 2 of 2 lanes // traffic forced to divert // no queue | 2:07 | Major |
| 10 | 3/24/2016 0:58 | Thursday | I-44 WB | TO VANDEVENTER AVE | Three vehicle fatal crash // closed the I-44 WB ramp to Vandeventer avenue // traffic diverted // no queue | 3:50 | Minor |
| 11 | 3/24/2016 1:44 | Thursday | I-55 NB | BEFORE DANBY RD | Vehicle crash into bridge structure // bridge inspection no damage // 1 of 4 lanes closed | 4:28 | Minor |
| 12 | 3/24/2016 23:59 | Thursday | I-55 SB | MM 35 | Tractor trailer struck bridge pier // inspection and cleanup // impacted both directions // 1 of 2 lanes closed // no queue | 2:04 | Minor |
| 12 | 3/25/2016 0:04 | Friday | I-55 NB | MM 34.6 | Crews freed the Tractor Trailer from NB direction // 2 of 2 lanes closed // Traffic taken Up and over at Route 162 overpass | 2:52 | Minor |
| 13 | 3/25/2016 19:42 | Friday | I-55 SB | PAST I-64 WB | Overturned tractor trailer // Off-loaded trailer cleaned up oil spill // 2 of 2 lanes closed // traffic forced to divert // no queue | 3:24 | Major |
| 14 | 3/26/2016 15:32 | Saturday | I-44 EB | PAST LEWIS RD | Fatal pickup crash striking tree off-road and catching fire // 2 of 3 lanes closed // traffic diverted at Route 109 // 3.5 mile queue | 2:56 | Major |
| 15 | 3/27/2016 1:10 | Sunday | I-55 SB | AT MO 141 | Four vehicle crash with fire and entrapment // 4 of 4 lanes closed over the event duration // no queue | 2:10 | Minor |
| 16 | 3/28/2016 13:46 | Monday | N TELEGRAPH RD | BARRACKSVIEW RD | Two vehicle fatal crash // car struck motorcycle during funeral procession 2 of 2 lanes closed // traffic diverted // no queue | 2:35 | Minor |
| 16 | 3/28/2016 14:06 | Monday | S TELEGRAPH RD | BARRACKSVIEW RD | One lane closed in southbound direction for crash investigation | 2:16 | Minor |
| 17 | 3/28/2016 21:50 | Monday | I-55 SB | PAST I-64 WB | Overturned tractor trailer carrying blocks of zinc // 2 of 2 lanes closed // traffic forced to divert EB I-44 and I-70 // no queue | 3:09 | Minor |
| 18 | 3/30/2016 11:08 | Monday | I-70 EB | PAST CYPRESS RD | Large asphalt spill in roadway // 4 of 5 lanes closed // lanes progressively opened // no queue | 2:11 | Minor |
| 19 | 3/30/2016 13:28 | Wednesday | I-44 WB | MM 174.0 | Tractor trailer crash closed 2 of 2 lanes // lanes progressively opened // no reported queue | 2:11 | Minor |
| 20 | 3/30/2016 19:11 | Wednesday | I-55 NB | AT LOUGHBOROUGH AVE | ER personnel clipped by vehicle // 1 of 4 lanes closed // | 2:15 | Minor |
| 21 | 3/31/2016 6:33 | Wednesday | I-44 WB | MM 99.0 | Tractor trailer crash closed 1 of 2 lanes // no reported queue | 2:29 | Minor |
| 22 | 3/31/2016 18:48 | Thursday | I-55 NB | MM 42.0 | Two vehicle crash // 2 of 2 lanes closed // traffic diverted // no report of queue | 3:22 | Minor |
| 23 | 3/31/2016 22:17 | Thursday | I-44 WB | PAST BUS 44 SIX FLAGS RD | Tractor trailer fire // traffic diverted off at Six flags Road // lanes progressively opened // no queue | 6:18 | Minor |

| Incidents With Lanes Blocked Over 2 Hours April 2016 | | | | | | | |
|--|-----------------|-------------|-----------------------|-------------------------|--|----------------|-----------------|
| # | Date & Time | Day of Week | Route | Location | Description | Duration HH/MM | Mobility Impact |
| 1 | 4/2/2016 7:50 | Saturday | I-44 EB | BEFORE BIG BEND BLVD | Stalled dump truck with tire issues // 1 of 5 lanes closed // delayed response by heavy tow // no queue | 2:17 | Minor |
| 2 | 4/3/2016 15:22 | Sunday | I-270 WB | PAST NEW HALLS FERRY RD | Three vehicle fatal crash with air evacuation // 5 of 5 lanes closed // one lane opened to relieve queue // 2 mile queue to Route 367 | 2:44 | Major |
| 3 | 4/3/2016 20:28 | Sunday | I-44 WB | ON RAMP FROM EXIT 72 | Fuel spill closed on ramp to Westbound I-44 // no queue | 3:37 | Minor |
| 4 | 4/5/2016 14:00 | Tuesday | I-70 EB | ON RAMP FROM MO 141 | Tractor trailer fell over on its side // Tow lifted the trailer and tractor (both were intact) // Ramp closed // no queue | 2:55 | Minor |
| 5 | 4/6/2016 12:33 | Wednesday | MO 370 EB | PAST MO 94 | Tractor trailer overturned cab of truck dangled off of bridge // 3 of 3 lanes closed // Lanes progressively opened // 1 mile queue | 7:15 | Major |
| 6 | 4/7/2016 9:39 | Thursday | 100 MO | BUCHHEIT LN CRD | MoDOT maintenance worker fatally struck during bridge flushing operation // all lanes closed for investigation // no queue | 2:56 | Minor |
| 7 | 4/9/2016 10:08 | Saturday | MO 141 NB | PAST I-70 | Two vehicle crash with 2 injuries // 3 of 3 lanes closed // Traffic detoured to the other side of the intersection // no queue | 2:19 | Minor |
| 8 | 4/9/2016 14:20 | Saturday | MO 141 NB | PAST BURGUNDY LN | Two vehicle fatal crash // two ejections // 2 of 2 lanes closed // traffic backed up to Manchester About one mile | 5:03 | Major |
| 10 | 4/9/2016 21:00 | Saturday | I-170 SB | BEFORE SCUDDER AVE | Fatal crash car vs motorcycle // 5 of 5 lanes closed // Traffic diverted to Airport Road // lanes progressively opened // no queue | 2:55 | Minor |
| 11 | 4/9/2016 23:34 | Saturday | E 70 OR | OUTER ROAD | Fatal two car crash SUV vs. car // ejection with injured trapped under the vehicle // outer road closed // no queue | 3:45 | Minor |
| 12 | 4/12/2016 16:46 | Tuesday | US 67 SB | PAST NEW TOWNE RD | Single vehicle crash // utility pole knocked down // 2 of 2 lanes closed // Ameren provided traffic control // no reported queue | 6:05 | Minor |
| 13 | 4/13/2016 6:49 | Wednesday | I-70 EB | TO LUCAS & HUNT RD | Oil debris on the exit ramp // ramp closed for cleanup // required multiple loads of oil dry // no queue | 2:34 | Minor |
| 14 | 4/13/2016 13:06 | Wednesday | E SOUTH HWY DR CST | MRAZ LN CST | Overturned truck full of GM auto brackets // outer road closed // traffic diverted onto Mraz // no queue | 6:43 | Minor |
| 15 | 4/13/2016 18:16 | Wednesday | I-70 EB EXPRESS LANES | AT CARRIE AVE | Two vehicle crash car vs. motorcycle // closed express lanes // no queue | 3:15 | Minor |
| 16 | 4/14/2016 13:57 | Thursday | I-44 EB | AT US 50 | Multiple vehicle work zone crash // Tractor trailer fire // full closure both directions // traffic diverted to Route 109 // 12 mile queue | 6:35 | Major |
| 17 | 4/15/2016 0:12 | Friday | I-55 SB | PAST I-64 WB | Overturned Tractor trailer crash // 2 of 2 ramp lanes closed // traffic diverted // no queue | 3:16 | Minor |
| 18 | 4/15/2016 16:17 | Friday | W CC RT | EATHERTON RD CST | Head on collision SUV vs. motor home // full closure // reconstruction // 50 minute queue | | |
| 19 | 4/18/2016 7:56 | Monday | I-270 SB | AT MO 370 | Two vehicle crash with a trailer hauling pesticides // 15 to 20 gallon leak // closed 2 of 5 lanes // 3.5 mile queue 15 min | 2:18 | Major |
| 19 | 4/18/2016 7:59 | Monday | I-270 NB | AT MO 370 | Environmental clean up from pesticide spill // 2 of 4 lanes closed // no queue | 2:52 | Major |
| 20 | 4/19/2016 9:51 | Tuesday | I-55 SB | AT I-255 | Oil based paint debris spilled from vehicle // 5 of 5 lanes closed for cleanup // no queue | 3:16 | Minor |
| 21 | 4/20/2016 17:37 | Wednesday | I-270 SB | TO I-70 EB | Two vehicle crash // closed ramp from SB I-270 to EB I-70 // traffic forced to divert // no queue | 2:31 | Minor |
| 22 | 4/21/2016 22:22 | Thursday | I-44 EB | MM 78.0 | Single vehicle crash // 2 of 2 lanes closed and traffic diverted to Exit 77 Kansas Expressway // no queue | 2:07 | Minor |
| 23 | 4/25/2016 15:55 | Monday | I-270 EB | BEFORE MO 367 | Multi-vehicle crash // closed 3 of 3 lanes // 8 mile traffic backup past McDonnell // 50 minute queue | 2:50 | Major |
| 24 | 4/26/2016 16:23 | Tuesday | I-55 NB | PAST BUTLER HILL RD | Multi-vehicle crash // 1 down the embankment and a tractor trailer fuel spill of 40 gallons // closed 2 of 5 lanes // no queue | 2:01 | Minor |
| 25 | 4/27/2016 0:36 | Wednesday | I-44 EB | BEFORE MADISON | Single vehicle crash with median wall damage // closed 1 of 4 lanes for repair // no queue | 2:34 | Minor |
| 26 | 4/27/2016 8:31 | Wednesday | I-44 WB | PAST VANDEVENTER AVE | Fatal multi-vehicle crash past work zone lane drop // closed 4 of 4 lanes // reconstruction // queue of 2.5 miles | 3:00 | Major |
| 27 | 4/28/2016 4:57 | Thursday | US 67 SB | AT ROSE HILL AVE | A vehicle hit electric pole closing 2 of 2 lanes // traffic forced to divert // no queue | 4:34 | Minor |
| 28 | 4/28/2016 18:04 | Thursday | I-64 EB | AT WOODS MILL RD | Multi-vehicle crash // closed 4 of 4 lanes // 3 mile queue | 2:35 | Major |
| 29 | 4/28/2016 18:40 | Thursday | I-55 SB | MM 32.0 | Fatal tractor trailer fire // closed 2 of 2 lanes // lanes progressively opened and closed to relieve queue and remove burned vehicle | 8:41 | Minor |
| 30 | 4/30/2016 0:56 | Saturday | I-44 EB | MM 15.0 | Tractor trailer crash into a bridge structure // bridge inspection no damage // closed 1 of 2 lanes // no queue | 9:06 | Minor |
| 31 | 4/30/2016 4:35 | Saturday | I-70 WB | AT I-170 | Tractor trailer and car crash // tractor trailer leaked fuel into sewer and creek // 2 of 3 lanes closed for cleanup // no queue | 4:05 | Minor |

Highlighted Incidents are detailed on the following pages






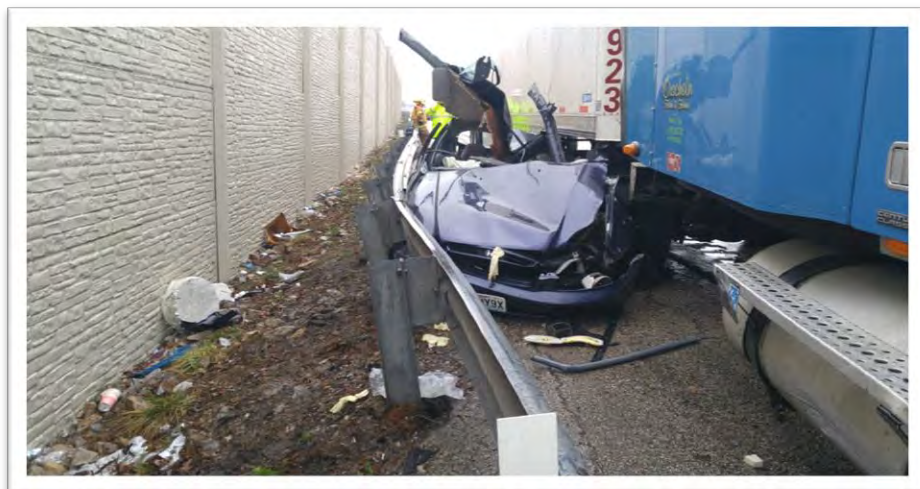
INCIDENT MANAGEMENT

Major Impact Traffic Incidents and Mitigation

3/10/2016 (Thursday)

- **Time:** 7:17 am – 12:02 pm *** Fatality ***
- **Location:** St. Louis County – Southbound I-270 past Manchester Road
- **Event:** Vehicle Crash
- **Estimated Initial Impact:** Rush Hour: 4 of 4 travel lanes affected equals (=) 100%
- **Incident Details:** A two vehicle crash involving a tractor trailer and a small passenger car. The car lost control in the rain, spun out in front of the tractor trailer, which struck the driver's side. The car was then pinned partially under the trailer and into the right guardrail. The driver of the car was pronounced at the hospital. The two other passengers in the car were also injured and transported.
- **Action:** Des Peres Police, fire and EMS responded, as well as Emergency Response personnel who provided traffic control. Command of the scene was turned over to the MSHP who completed an accident reconstruction. This resulted in all lanes of the interstate being closed for a short time. TMC activated all available DMS boards, and the closure was entered into TMS to alert the public. The EOC, Motor Carriers, Communications, and MoDOT Incident Management Coordinator were all notified of the closure. Traffic queued back to Olive Blvd., approximately 4.8 miles, but cleared quickly once lane #3 was released. It took approximately 5 minutes after the accident cleared for traffic to return to normal.
- **Event Duration:** 4 hours 45 minutes


| Southbound I-270 past Manchester Road | Lane 1 | Lane 2 | Lane 3 | Lane 4 | Lane 5 | Right Shoulder |
|---|--------|--------|--------|--------|--------|-------------------|
|  | | | | | | |
| Closed Hours/Minutes | 0:06 | 0:06 | 1:13 | 4:40 | 4:40 | 4:40 |



Major Impact Traffic Incidents and Mitigation

3/14/2016 (Monday)

- **Time:** 3:42 pm – 6:43 pm *** Fatality ***
- **Location:** St. Louis County – Eastbound I-270 at Route 367
- **Event:** Vehicle Crash
- **Estimated Initial Impact:** Rush Hour: 3 of 3 travel lanes affected equals (=) 100%
- **Incident Details:** A tractor trailer traveling in lane #3 changed lanes into lane #2. The vehicle that was in lane #2 then attempted to move into lane #1 when it struck a vehicle already in lane #1. This caused both vehicles to strike the median wall. The vehicle that was changing lanes overturned and the driver was ejected. The driver was transported where he was pronounced at the hospital. The second driver was also transported with minor injuries. The driver of the tractor trailer left the scene without stopping.
- **Action:** St. Louis County Police responded along with Bellefontaine Neighbors Police, Spanish Lake Fire, and Christian Northeast EMS. Command of the scene was turned over to the MSHP upon their arrival and they completed the reconstruction. Emergency Response personnel provided traffic control and assisted with detouring traffic onto New Halls Ferry Road. The Traffic Engineer was contacted in an attempt to adjust the signals at New Halls Ferry to favor the detoured traffic. The TMC messaged for the event, notified the EOC, and entered the closure into TMS to alert the public. Traffic queued for approximately 8 miles during the incident and was at 5.2 miles when all lanes were reopened.
- **Event Duration:** 3 hours 1 minute

| Eastbound I-270 at Route 367 | Lane 1 | Lane 2 | Lane 3 | Right Shoulder |
|---|--------|--------|--------|-------------------|
|  | | | | |
| Closed Hours/Minutes | 3:00 | 3:00 | 0:59 | 0:59 |




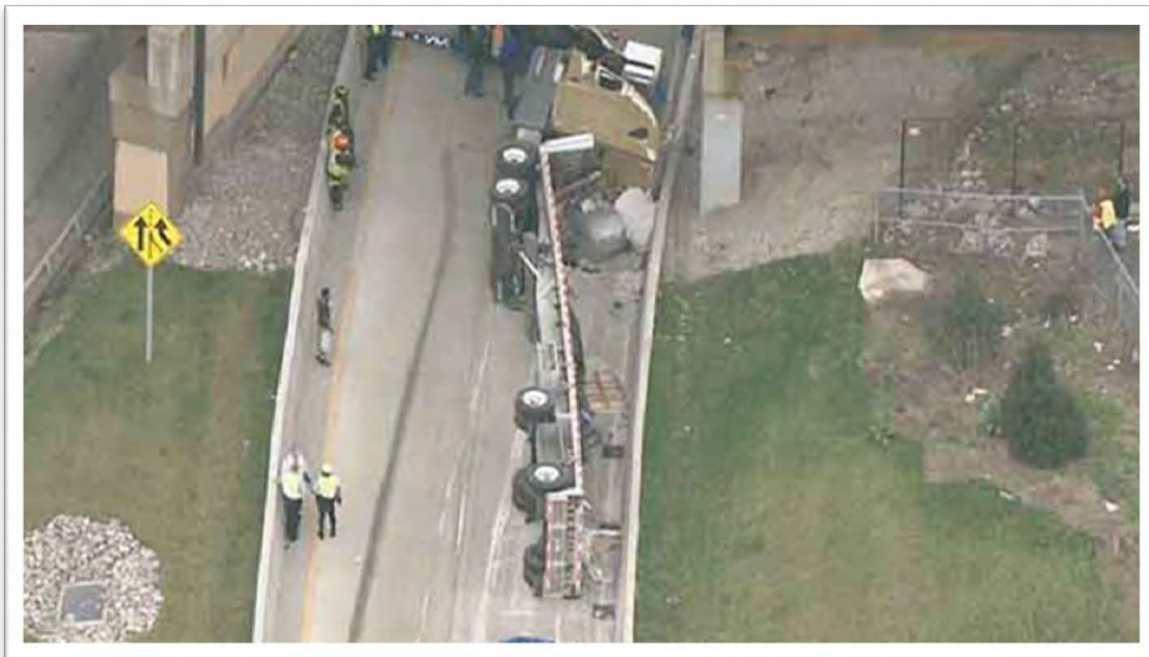
INCIDENT MANAGEMENT

Major Impact Traffic Incidents and Mitigation

3/23/2016 (Wednesday)

- **Time:** 3:23 pm – 5:30 pm
- **Location:** St. Louis City – Southbound I-55 past I-64
- **Event:** Vehicle Crash
- **Estimated Initial Impact:** Rush Hour: Ramp closed 2 of 2 lanes affected equals (=) 100%
- **Incident Details:** Overturned tractor trailer on the off ramp from Westbound I-64 to Southbound I-55.
- **Action:** Emergency Response personnel provided traffic control. St. Louis City Police, Fire and EMS responded. The EOC, IDOT, and the MoDOT Incident Management Coordinator were notified. The TMC messaged for the event and entered it into TMS to notify the public.
- **Event Duration:** 2 hours 7 minutes

| Southbound I-55 past I-64 | Lane 1 | Lane 2 |
|--|--------|--------|
|  | | |
| Closed Hours/Minutes | 2:07 | 2:07 |






INCIDENT MANAGEMENT

Major Impact Traffic Incidents and Mitigation

3/25/2016 (Friday)

- **Time:** 7:42 pm – 11:06 pm
- **Location:** St. Louis City – Southbound I-55 past I-64
- **Event:** Vehicle Crash
- **Estimated Initial Impact:** Non-Rush Hour: Ramp Closed 2 of 2 lanes affected equals (=) 100%
- **Incident Details:** Overturned tractor trailer on the off ramp from Westbound I-64 to Southbound I-55. Vehicle had to be off loaded before it could be up righted.
- **Action:** Emergency Response personnel provided traffic control. St. Louis City Police, Fire and EMS responded. There were concerns that the trailer would fall apart if they attempted to lift it without an air bag system. Equipment was requested and delivered which increased the duration of the incident. The EOC, Motor Carriers, IDOT, and the MoDOT Incident Management Coordinator were notified. The TMC messaged for the event and entered it into TMS to notify the public.
- **Event Duration:** 3 hours 24 minutes

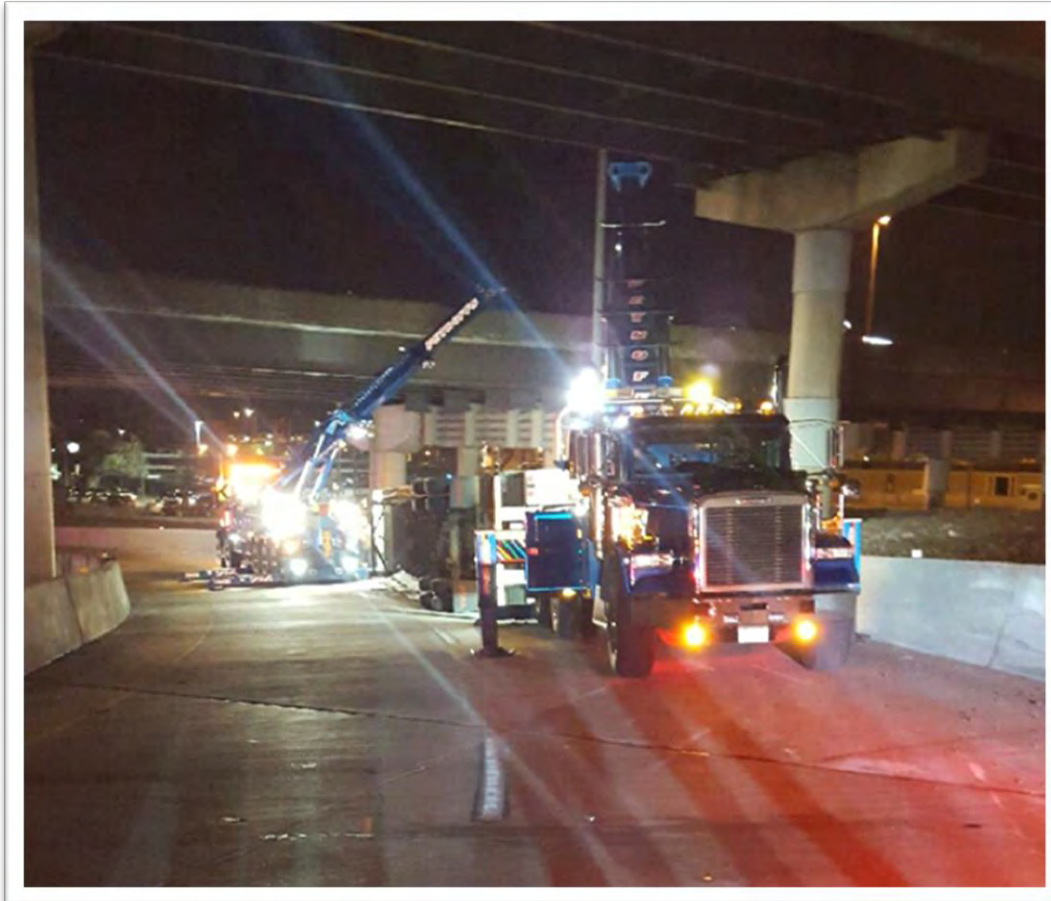
| Southbound I-55 past I-64 | Lane 1 | Lane 2 |
|--|--------|--------|
|  | | |
| Closed Hours/Minutes | 3:24 | 2:32 |





INCIDENT MANAGEMENT

Major Impact Traffic Incidents and Mitigation






INCIDENT MANAGEMENT

Major Impact Traffic Incidents and Mitigation

3/26/2016 (Saturday)


- **Time:** 3:31 pm – 6:27 pm *** Fatality ***
- **Location:** St. Louis County – Eastbound I-44 past Lewis Road
- **Event:** Single Vehicle Crash
- **Estimated Initial Impact:** Non-Rush Hour: 3 of 3 travel lanes affected equals (=) 100%
- **Incident Details:** A pickup truck traveling eastbound on I-44 ran off the south side of the interstate where it struck a tree before bursting into flames. The driver of the pickup was killed in the accident.
- **Action:** St. Louis County Police, MSHP, and Eureka Fire and EMS responded. Emergency Response personnel assisted with traffic control. The interstate was briefly closed at the request of the St. Louis County Police, who initially planned to divert traffic off at MO 109. They then released lane #1 and requested Emergency Response assist them with the lane drop at Lewis Road. MSHP took command and completed the reconstruction. The TMC messaged for the incident and notified the MoDOT Incident Management Coordinator. It should be noted approximately 1 hour and 15 minutes into the incident a secondary crash occurred just east of the Six Flags exit. Traffic queued approximately 5 miles during both incidents and traffic took 47 minutes to return to normal once both crashes were cleared.
- **Event Duration:** 2 hour 56 minutes

| Eastbound I-44 past Lewis  | Left Shoulder | Lane 1 | Lane 2 | Lane 3 | Right Shoulder |
|---|------------------|--------|--------|--------|-------------------|
| Closed Hours/Minutes | 0:34 | 0:34 | 2:01 | 2:01 | 2:09 |

Major Impact Traffic Incidents and Mitigation

4/03/2016 (Sunday)

- **Time:** 3:21 pm – 6:05 pm *** Fatality ***
- **Location:** St. Louis County – Westbound I-270 past New Halls Ferry Road
- **Event:** Vehicle Crash
- **Estimated Initial Impact:** Non-Rush Hour: 5 of 5 travel lanes affected equals (=) 100%
- **Incident Details:** A three vehicle fatal crash involving a tractor trailer and two passenger vehicles.
- **Action:** Ferguson Police, fire and Christian EMS responded, as well as Emergency Response personnel who provided traffic control. One patient was transported via air ambulance. Reconstruction was completed by the police. The TMC activated all available DMS boards and the closure was entered into TMS to alert the public. They also notified IDOT and requested message boards be activated to inform drivers coming into Missouri of the closure. Traffic queued back to Route 367 (approximately 2 miles).
- **Event Duration:** 2 hours 44 minutes

| Westbound I-270 past New Halls Ferry Rd | Lane 1 | Lane 2 | Lane 3 | Lane 4 | Lane 5 | Right Shoulder |
|--|--------|--------|--------|--------|--------|-------------------|
|  | | | | | | |
| Closed Hours/Minutes | 2:44 | 2:41 | 2:40 | 2:40 | 1:11 | 1:11 |

4/06/2016 (Wednesday)

- **Time:** 12:33 pm – 7:48 pm
- **Location:** St. Charles County – Eastbound Route 370 past MO 94
- **Event:** Multi-Vehicle Crash
- **Estimated Initial Impact:** Non-Rush Hour: 3 of 3 travel lanes affected equals (=) 100%
- **Incident Details:** Two passenger vehicles and a tractor trailer collided during a rain storm at the entrance to the Discovery Bridge over the Missouri River. The tractor trailer struck and went over the right barrier wall. The cab was left hanging over the south side of the bridge still attached to the overturned trailer.
- **Action:** St. Charles City Police, fire and EMS responded. MoDOT responded by sending five Emergency Response personnel to provide traffic control. All attempts to upright the trailer without offloading it first were met with negative results. It was hauling liquid soap which began to leak onto the highway. Clearance was delayed due to the complexity of the recovery and offloading of the contents. The closure was extended through the evening rush hour out of concern the vibrations would cause the cab to come loose. The TMC activated all available DMS boards and the closure was entered into TMS to alert the public. The EOC, Area Engineer, Motor Carriers and MoDOT Incident Management Coordinator were all notified of the closure. Traffic was re-routed onto MO 94 and a signal electrician set the signals to assist in traffic flow. The St. Clair Bridge crew was called in to inspect the bridge for any structural damage.




INCIDENT MANAGEMENT

Major Impact Traffic Incidents and Mitigation

All eastbound lanes were closed from 12:41 pm to 3:43 pm, with one lane open for the remainder of the incident. Traffic queued for approximately one mile.

- **Event Duration:** 7 hours 15 minutes


| Eastbound Route 370 past MO 94 | Left Shoulder | Lane 1 | Lane 2 | Lane 3 | Right Shoulder |
|---|------------------|--------|--------|--------|-------------------|
|  | | | | | |
| Closed Hours/Minutes | 3:07 | 3:19 | 6:50 | 7:14 | 7:14 |

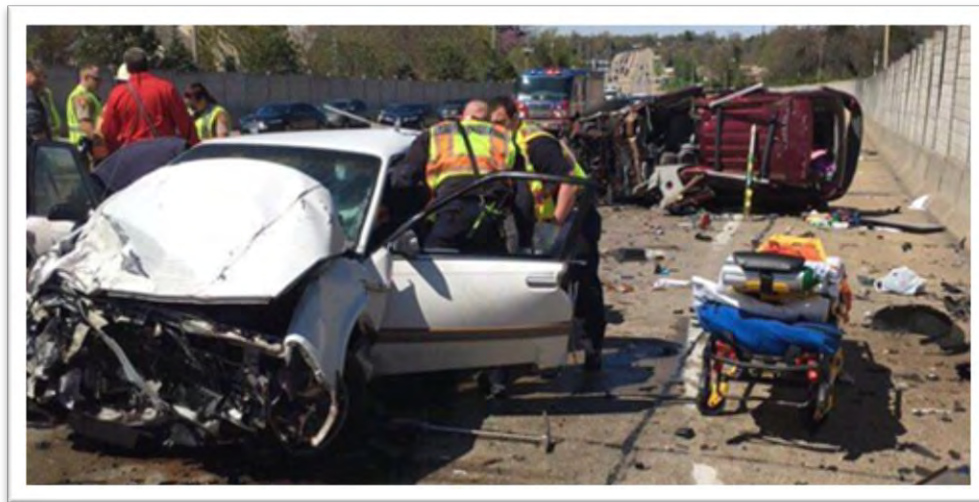


Major Impact Traffic Incidents and Mitigation

4/09/2016 (Saturday)

- **Time:** 2:19 pm – 7:22 pm *** Fatality ***
- **Location:** St. Louis County – Northbound Route 141 past Burgundy Lane
- **Event:** Vehicle Crash
- **Estimated Initial Impact:** Non-Rush Hour: 2 of 3 travel lanes effected equals (=) 67%
- **Incident Details:** An SUV going north on Route 141 struck a southbound sedan trying to turn left onto Burgundy Lane. The SUV overturned and the driver was thrown from the vehicle. The driver was pronounced dead at the scene. A passenger of the SUV was also ejected and transported in critical condition.
- **Action:** Emergency Response personnel provided traffic control. Manchester Police responded with fire and EMS and was assisted by St. Louis City Police. The TMC messaged for the event to notify drivers. Traffic queued approximately 1 mile.
- **Event Duration:** 5 hours 3 minutes



| Northbound Route 141 Past Burgundy Lane | Lane 1 | Lane 2 | Lane 3 | Right Shoulder |
|--|--------|--------|--------|-------------------|
|  | | | | |
| Closed Hours/Minutes | 0:00 | 5:02 | 5:02 | 5:03 |



Major Impact Traffic Incidents and Mitigation

4/14/2016 (Thursday)

- **Time:** 1:57 pm – 8:32 pm
- **Location:** Franklin County – Eastbound I-44 at US 50
- **Event:** Three Vehicle Crash
- **Estimated Initial Impact:** Non-Rush Hour: 2 of 2 travel lanes affected equals (=) 100%
- **Incident Details:** The driver of a tractor trailer was attempting to stop for slowing work zone traffic. The tractor trailer traveled into the left lane and the right side of the trailer struck the rear of a second tractor trailer pushing it into a third tractor trailer. The first and second tractor trailers burst into flames, one of which was hauling paint and paint thinner. The crash caused a closure in both eastbound and westbound lanes. The TMC was running advisory messages for the work zone at the time of the incident.
- **Action:** Responders included MSHP, Franklin County Sheriff's, Fire, EMS, DNR, and several heavy tow companies. MoDOT maintenance units assisted with cleanup and Emergency Response Units assisted with traffic control. Timing plan adjustments were made on Route 100 at Routes AT and Eastbound Route 47 at 3:00 pm for the westbound left turn and returned to normal timing at 3:08 pm when the queue cleared. At 3:38 pm, a Route 47 at I-44 eastbound left turn exit ramp timing change was made, but was immediately changed back. There was no longer a queue. Westbound I-44 lanes reopened about 3:30 pm. Conditions were observed at Route 47 and I-44 until 6:00 pm with no needed changes. On-site personnel were directing traffic around the event using MO 47, US 50 and the outer road. The public was notified of the closure via DMS boards and the incident was entered into TMS. EOC, Motor Carriers, Community Relations, the Area Engineer, all ER supervisors, and the MoDOT Incident Management Coordinator were notified and updated as the incident progressed. Traffic queued approximately 12 miles eastbound and 5 miles westbound. Once cleanup was finished, an inspection of the roadway revealed extensive damage to the surface due to the intensity of the fire. It was determined the area would need to be repaved. At 8:32 pm a contractor took over the event, and the incident was converted to a work zone.
- **Event Duration:** 6 hour 35 minutes

| | | | | |
|---|------------------|--------|--------|-------------------|
| Eastbound I-44 at US 50  | Left Shoulder | Lane 1 | Lane 2 | Right Shoulder |
| Closed Hours/Minutes | 6:35 | 6:35 | 6:35 | 6:35 |
| Westbound I-44 at US 50  | Left Shoulder | Lane 1 | Lane 2 | Right Shoulder |
| Closed Hours/Minutes | 1:24 | 1:24 | 1:24 | 1:24 |



INCIDENT MANAGEMENT



Major Impact Traffic Incidents and Mitigation



Major Impact Traffic Incidents and Mitigation

4/18/2016 (Monday)

- **Time:** 7:55 am – 10:47 am
- **Location:** St. Louis County – Northbound / Southbound I-270 at Route 370
- **Event:** Vehicle Crash
- **Estimated Initial Impact:** Rush Hour: 2 of 5 travel lanes affected equals (=) 40%
- **Incident Details:** Crash involving two pickup trucks, one with a trailer carrying a 250 gallon tank of pesticide. The tank broke free and crossed over onto the northbound left lanes and had a small leak of about 10-15 gallons.
- **Action:** Responders included Bridgeton Police and fire, DNR, tow, and North City Strike Maintenance who assisted with the pesticide cleanup. Two Emergency Response Units provided traffic control. The TMC activated all available DMS boards to notify the public. The EOC and Area Engineer were also notified. Traffic queued northbound for 3.5 miles, for approximately 15 minutes of additional travel time. Traffic returned to normal flow at 10:12 am. No significant impact was indicated for southbound traffic.
- **Event Duration:** 2 hours 52 minutes

| | | | | | | |
|---|--------|--------|--------|--------|--------|----------------|
| Southbound I-270 at Route 370  | Lane 1 | Lane 2 | Lane 3 | Lane 4 | Lane 5 | Right Shoulder |
| Closed Hours/Minutes | 2:17 | 2:15 | 0:00 | 0:00 | 0:00 | 0:00 |
| Northbound I-270 at Route 370  | Lane 1 | Lane 2 | Lane 3 | Lane 4 | Lane 5 | Right Shoulder |
| Closed Hours/Minutes | 2:52 | 2:45 | 0:00 | 0:00 | 0:00 | 0:00 |




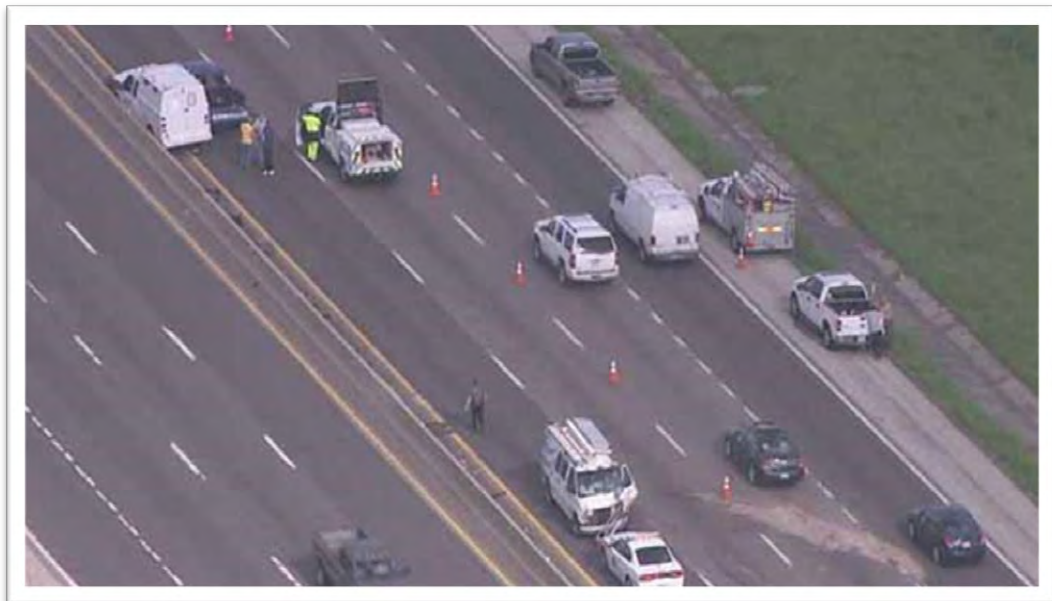
INCIDENT MANAGEMENT

Major Impact Traffic Incidents and Mitigation

4/25/2016 (Monday)

- **Time:** 3:55 pm – 5:56 pm
- **Location:** St. Louis County – Eastbound I-270 at Route 367
- **Event:** Multi-Vehicle Crash
- **Estimated Initial Impact:** Rush Hour: 4 of 4 travel lanes affected equals (=) 100%
- **Incident Details:** A multi-vehicle accident closed all lanes of eastbound traffic.
- **Action:** Emergency Response personnel responded to assist with traffic control. The TMC messaged for the event and also entered it into TMS to notify the public. Traffic queued approximately 8 miles past McDonnell Blvd. and took about 50 minutes to return to normal.
- **Event Duration:** 2 hours 1 minute


| Eastbound I-270 at Route 367  | Lane 1 | Lane 2 | Lane 3 | RX1 | Right Shoulder |
|---|--------|--------|--------|------|-------------------|
| Closed Hours/Minutes | 2:01 | 1:59 | 0:48 | 0:03 | 0:00 |

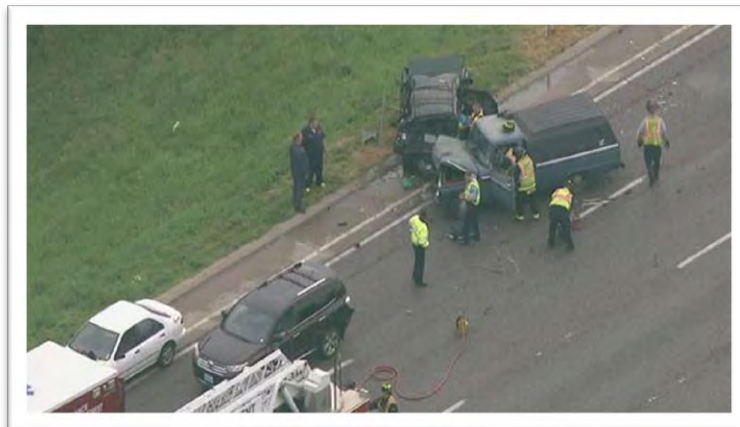


Major Impact Traffic Incidents and Mitigation

4/27/2016 (Wednesday)

- **Time:** 8:30 am – 11:30 am *** Fatality ***
- **Location:** St. Louis City – Westbound I-44 past Vandeventer Avenue
- **Event:** Vehicle Crash
- **Estimated Initial Impact:** Rush Hour: 4 of 4 travel lanes affected equals (=) 100%
- **Incident Details:** It was reported a driver in an SUV had stopped to assess some damage to his vehicle after possibly being involved in a minor accident on the entrance ramp. While outside of his vehicle, the SUV was rear ended by a pickup truck that possibly hydroplaned. This accident occurred at the beginning of a work zone lane drop.
- **Action:** St. Louis City Police, Fire and EMS responded. Emergency Response personnel assisted with traffic control. At the request of the St. Louis City Police, the highway was shut down for a short time for photos to be taken for the reconstruction. The TMC messaged for the event and also entered it into TMS to notify the public. Notifications were made to the Work Zone Coordinator, ER Supervisor, Community Relations, Area Engineer, and the MoDOT Incident Management Coordinator. Traffic queued for 2.5 miles (an approximate 10 minute delay). Traffic flow returned to normal within seven minutes once the scene cleared.
- **Event Duration:** 3 hours 0 minutes


| Westbound I-44 past Vandeventer Ave | Left Shoulder | Lane 1 | Lane 2 | Lane 3 | Lane 4 | Right Shoulder |
|--|------------------|--------|--------|--------|--------|-------------------|
|  | | | | | | |
| Closed Hours/Minutes | 1:00 | 1:00 | 0:12 | 2:54 | 3:00 | 3:00 |



Major Impact Traffic Incidents and Mitigation

4/28/2016 (Thursday)

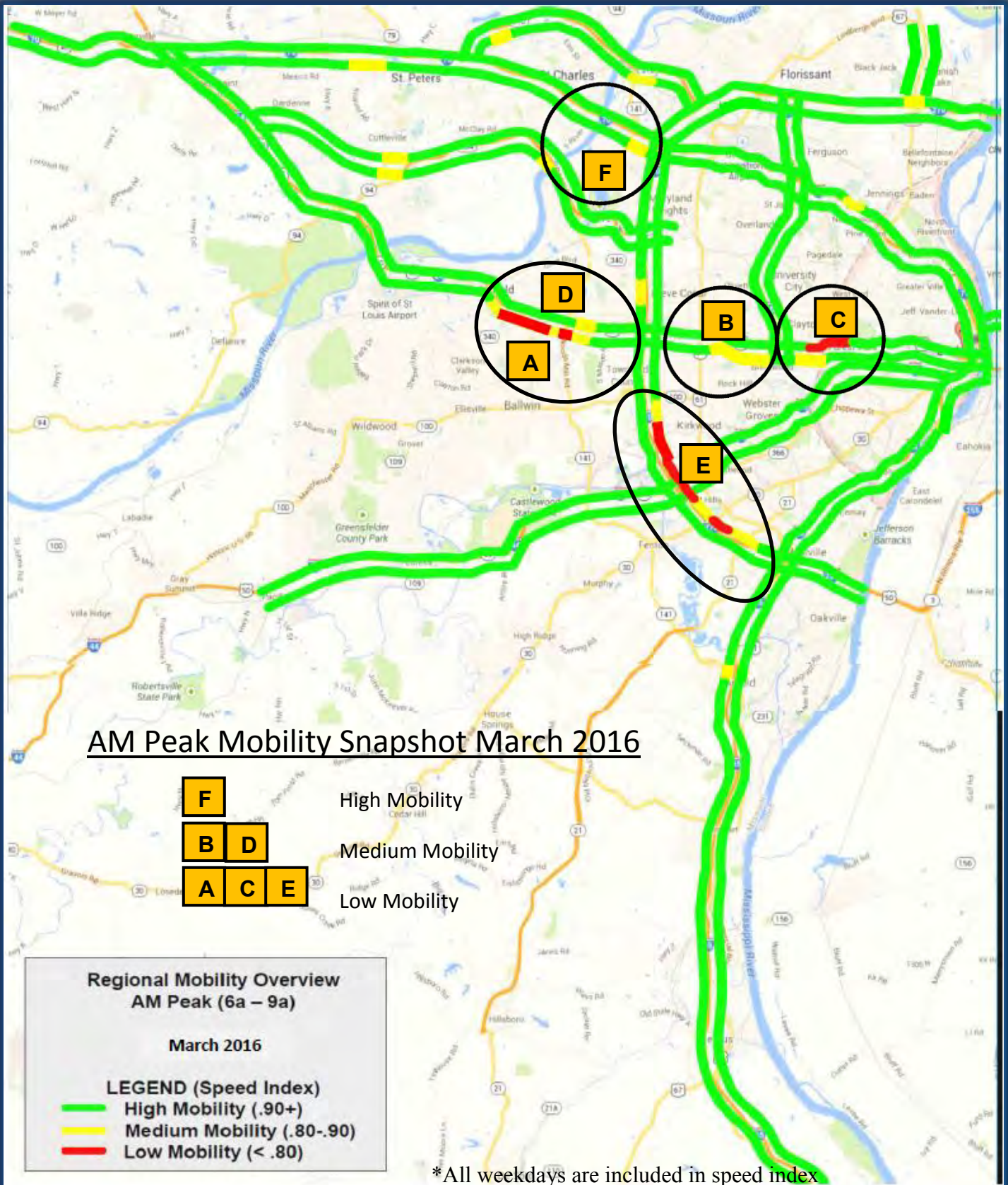
- **Time:** 6:04 pm – 8:39 pm
- **Location:** St. Louis County – Eastbound I-64 at Woods Mill Road
- **Event:** Multi-Vehicle Crash
- **Estimated Initial Impact:** Non-Rush Hour: 4 of 4 travel lanes affected equals (=) 100%
- **Incident Details:** A five vehicle chain reaction crash that occurred after two vehicles had slowed due to traffic congestion ahead. A third vehicle failed to slow down and struck the rear of one of the slowed vehicles pushing it into the vehicle in front of it. A fourth vehicle rear ended vehicle three and a fifth vehicle rear ended vehicle four. Two people were trapped and had to be extricated from their vehicles. Four people were transported for injuries sustained.
- **Action:** MSHP took command of the scene and were assisted by Town & Country and Chesterfield Police. Due to the amount of emergency personnel who responded to assist, all eastbound lanes of the highway were shut down. Emergency Response personnel responded to assist with traffic control. At the request of police, traffic was detoured onto Timberlake Manor. The TMC messaged for the event and also entered it into TMS to notify the public of the closure. Traffic queued approximately 3 miles.
- **Event Duration:** 2 hours 35 minutes

| Eastbound I-64 at Woods Mill Rd  | Left Shoulder | Lane 1 | Lane 2 | Lane 3 | Lane 4 | Right Shoulder |
|---|------------------|--------|--------|--------|--------|-------------------|
| Closed Hours/Minutes | 2:35 | 2:35 | 2:35 | 2:28 | 2:00 | 1:59 |



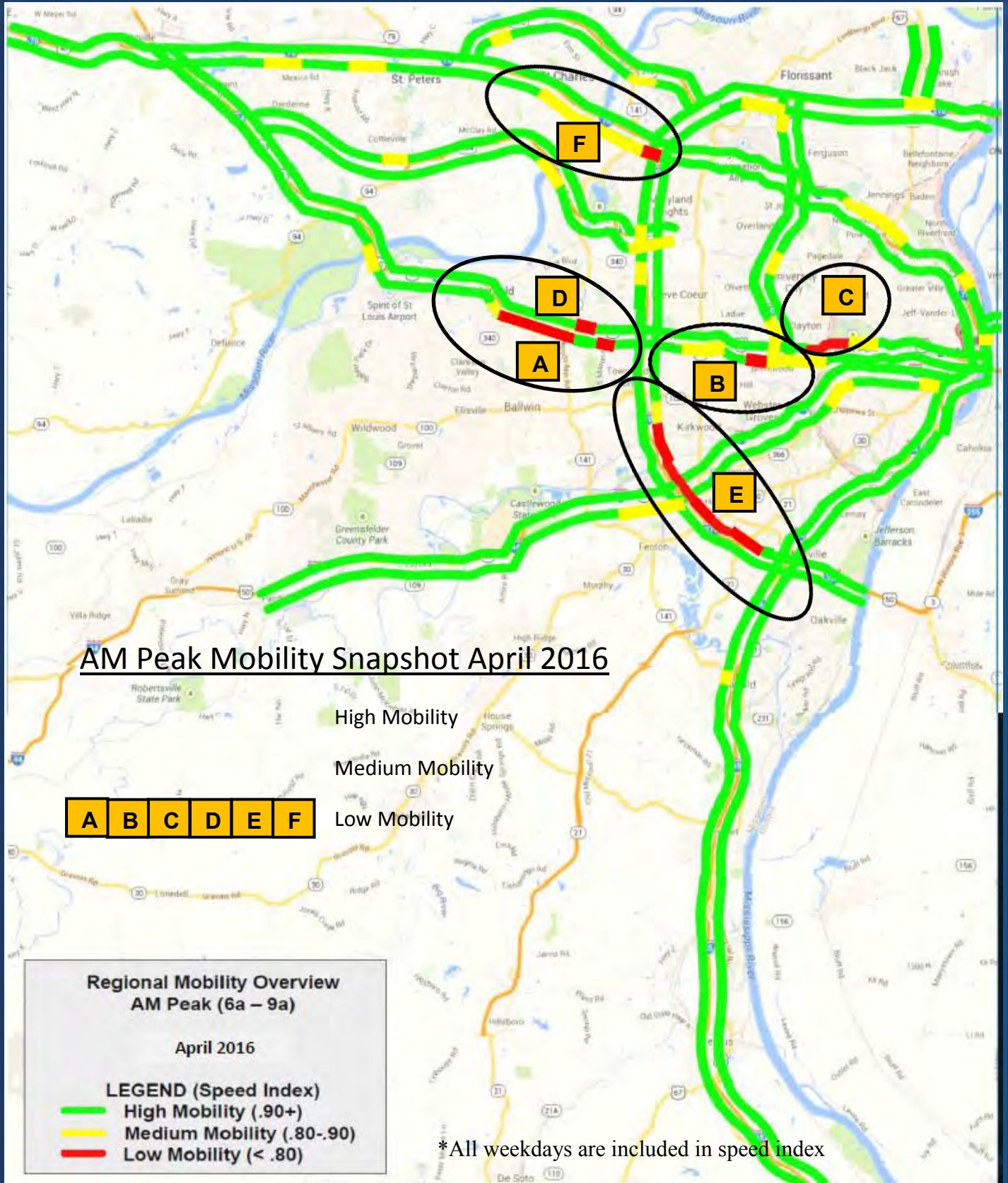


FREEWAY MANAGEMENT

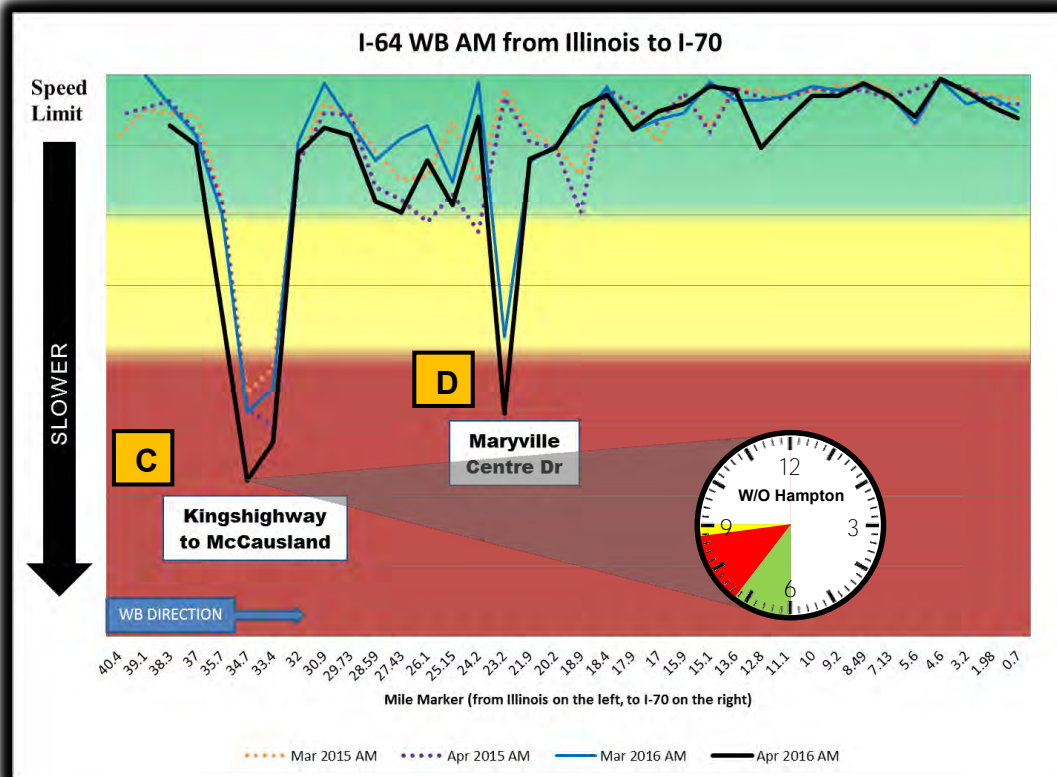
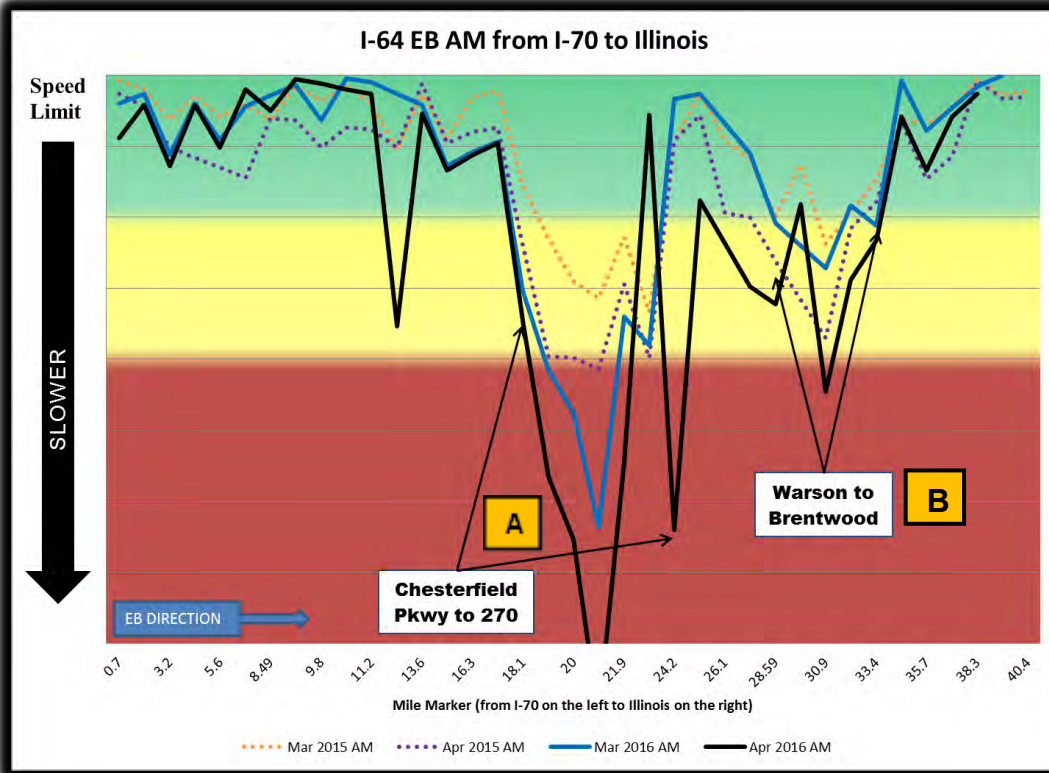




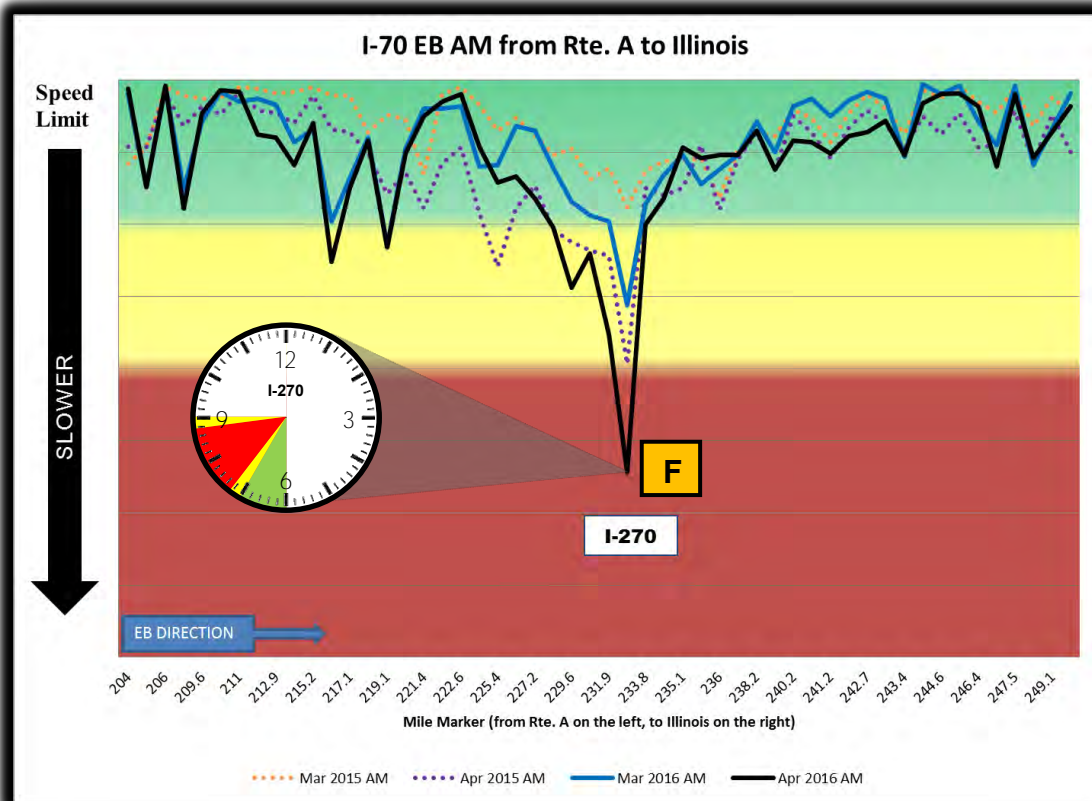
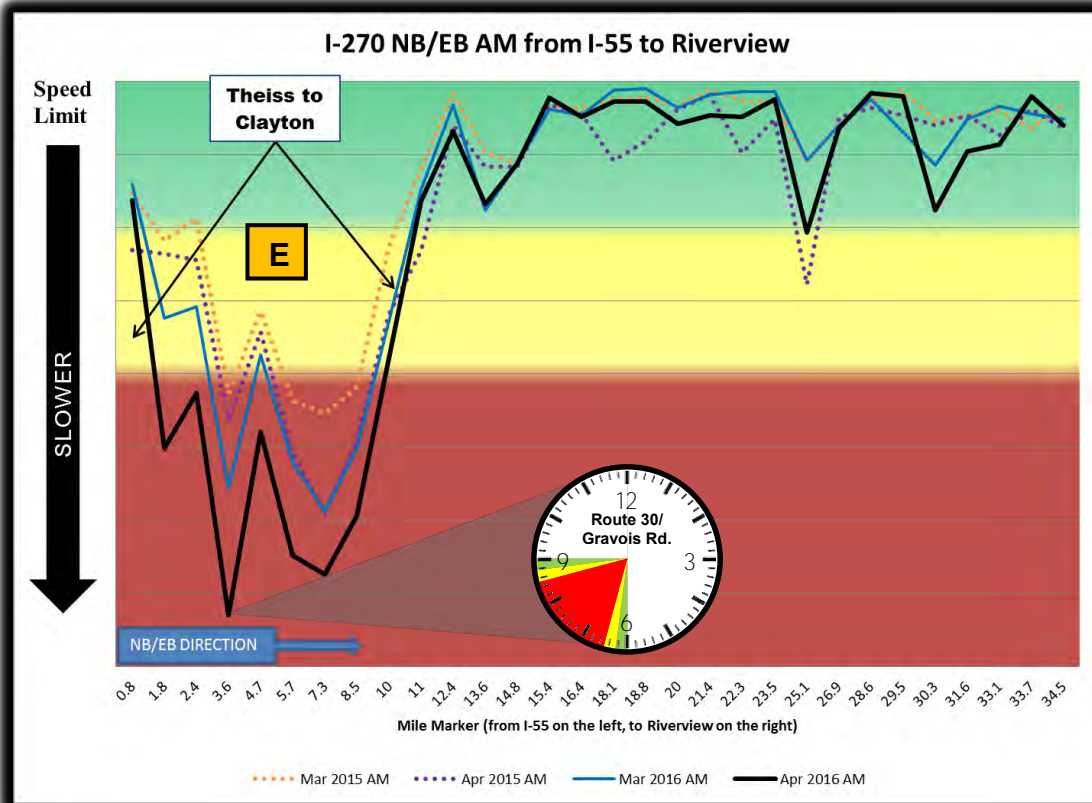
FREEWAY MANAGEMENT



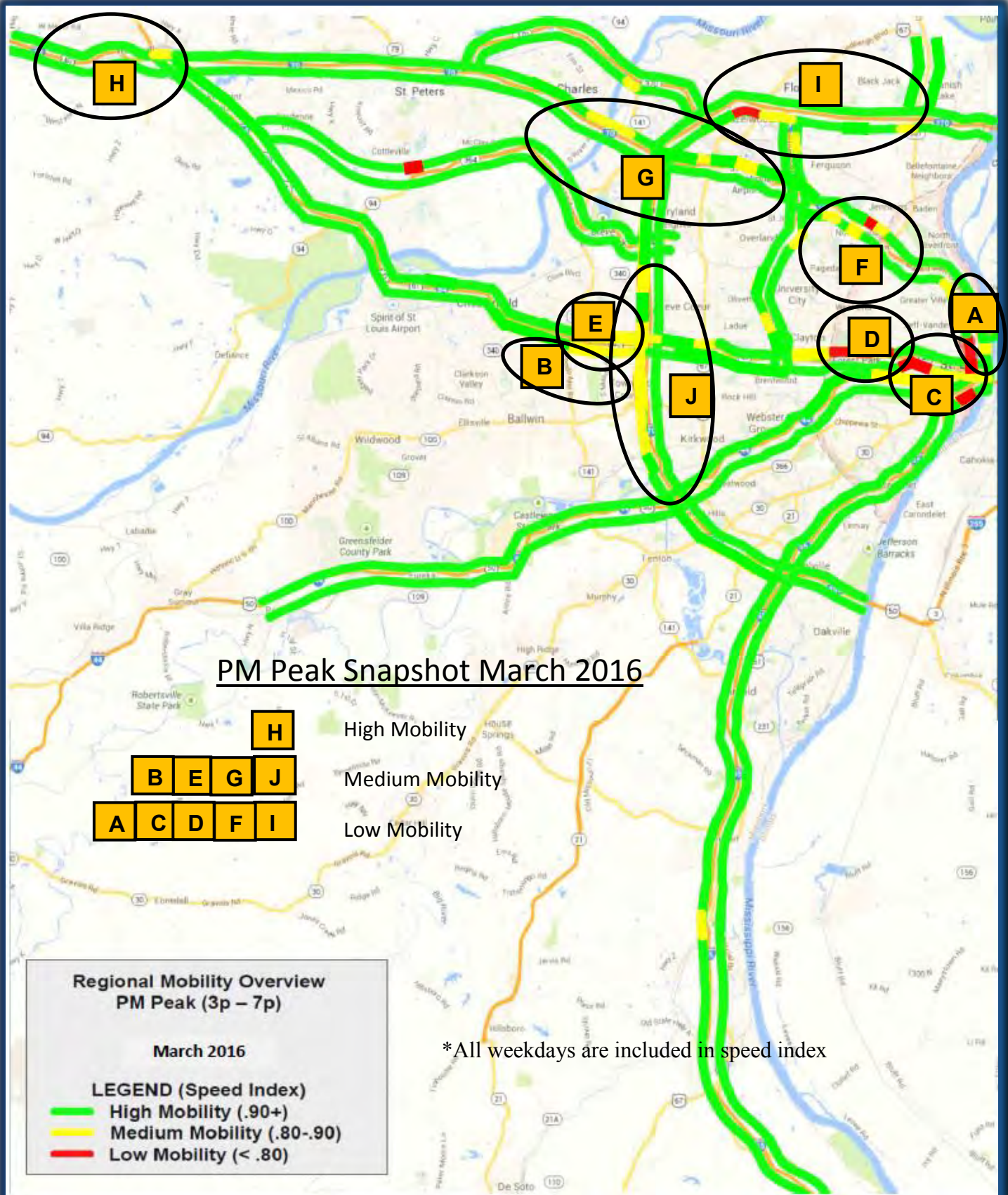
FREEWAY MANAGEMENT



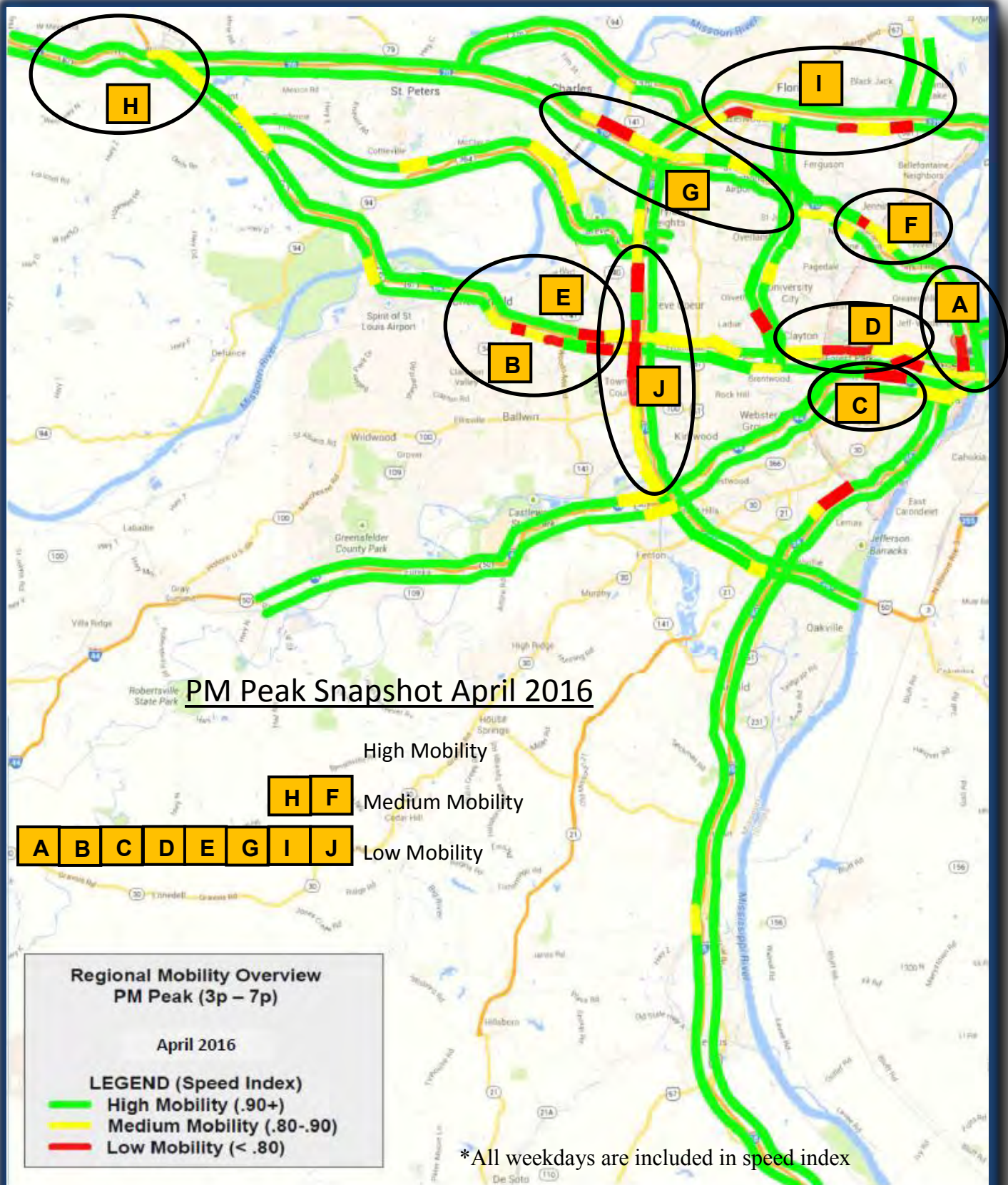
FREEWAY MANAGEMENT



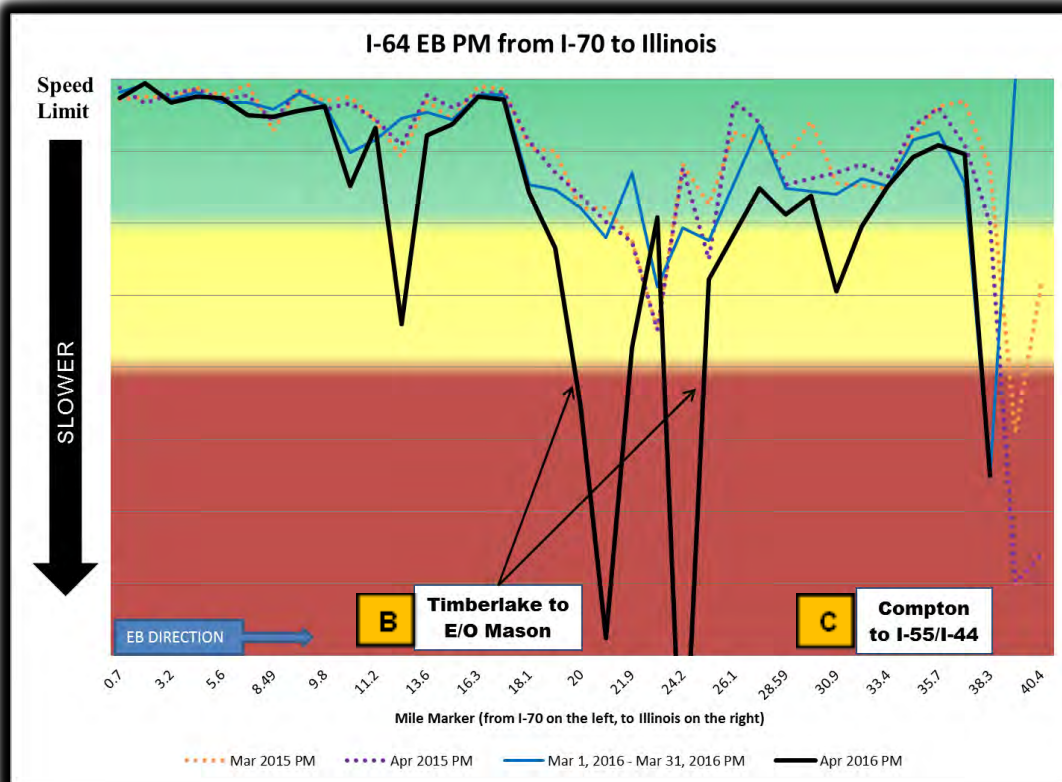
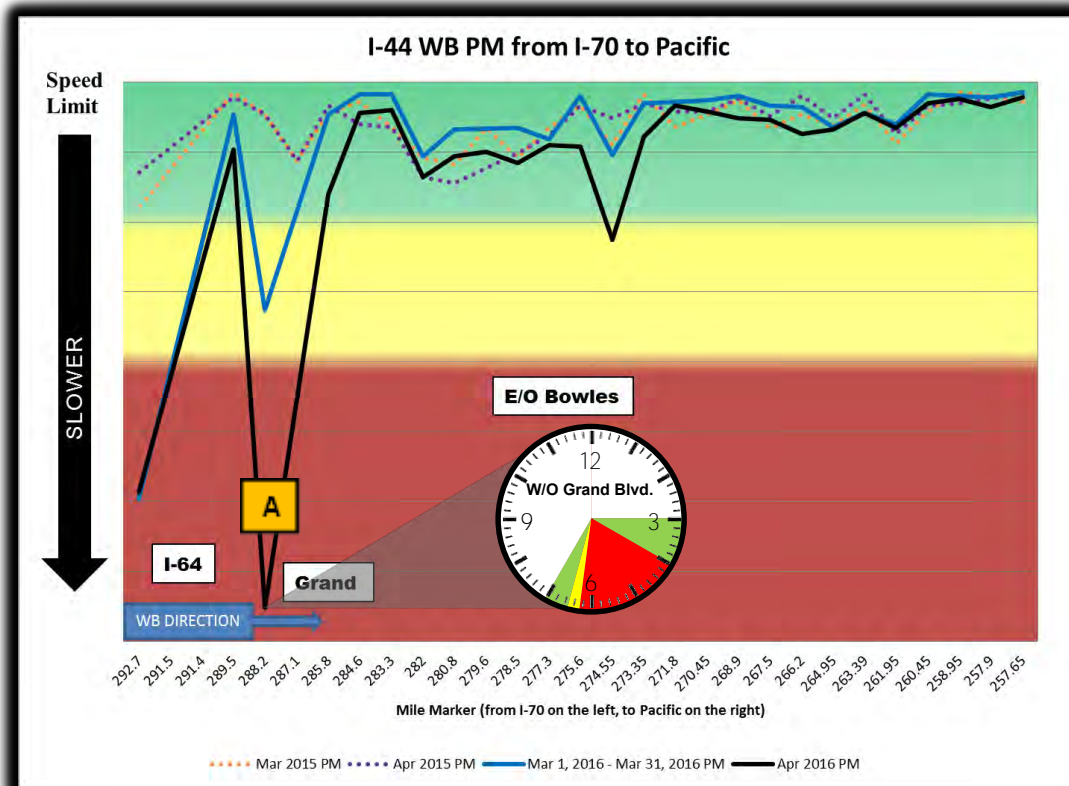
FREEWAY MANAGEMENT



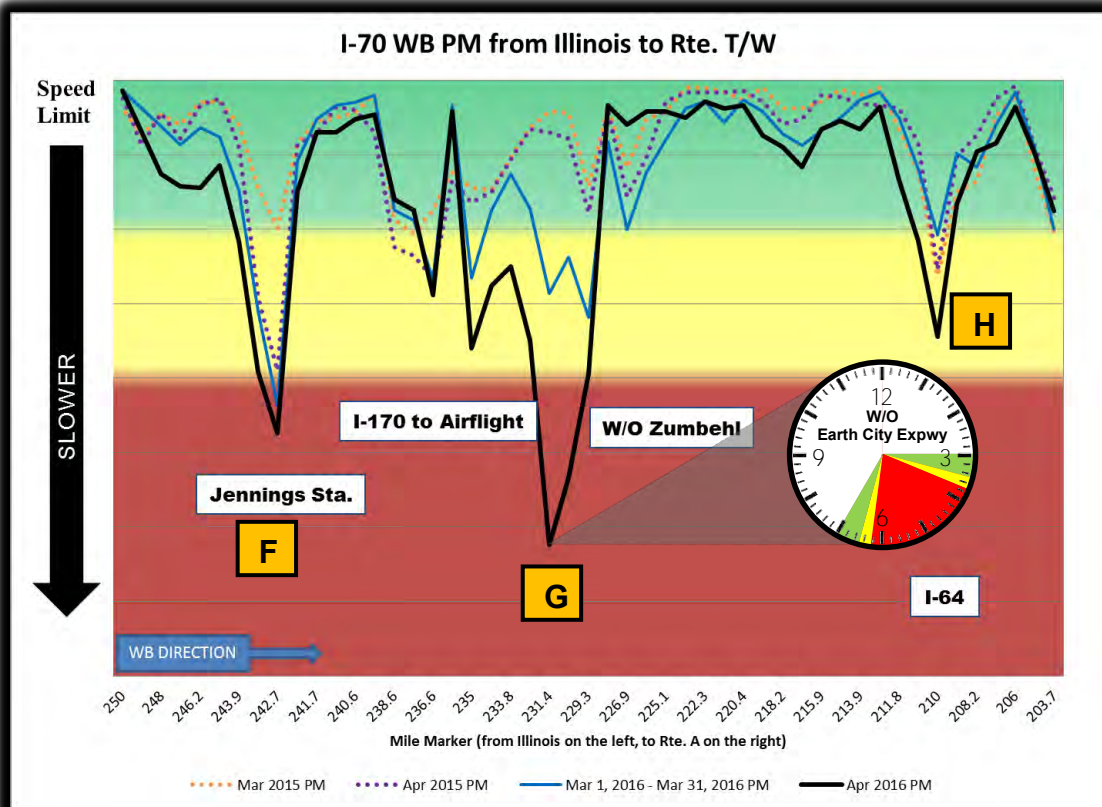
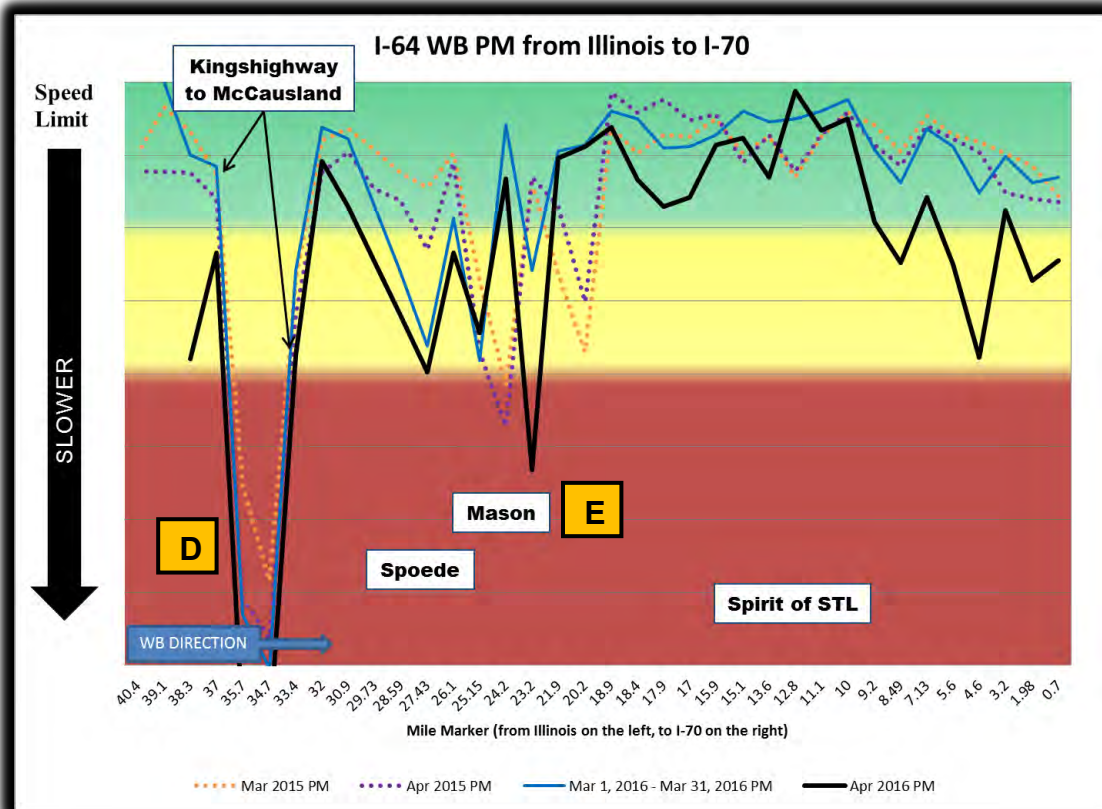
FREEWAY MANAGEMENT



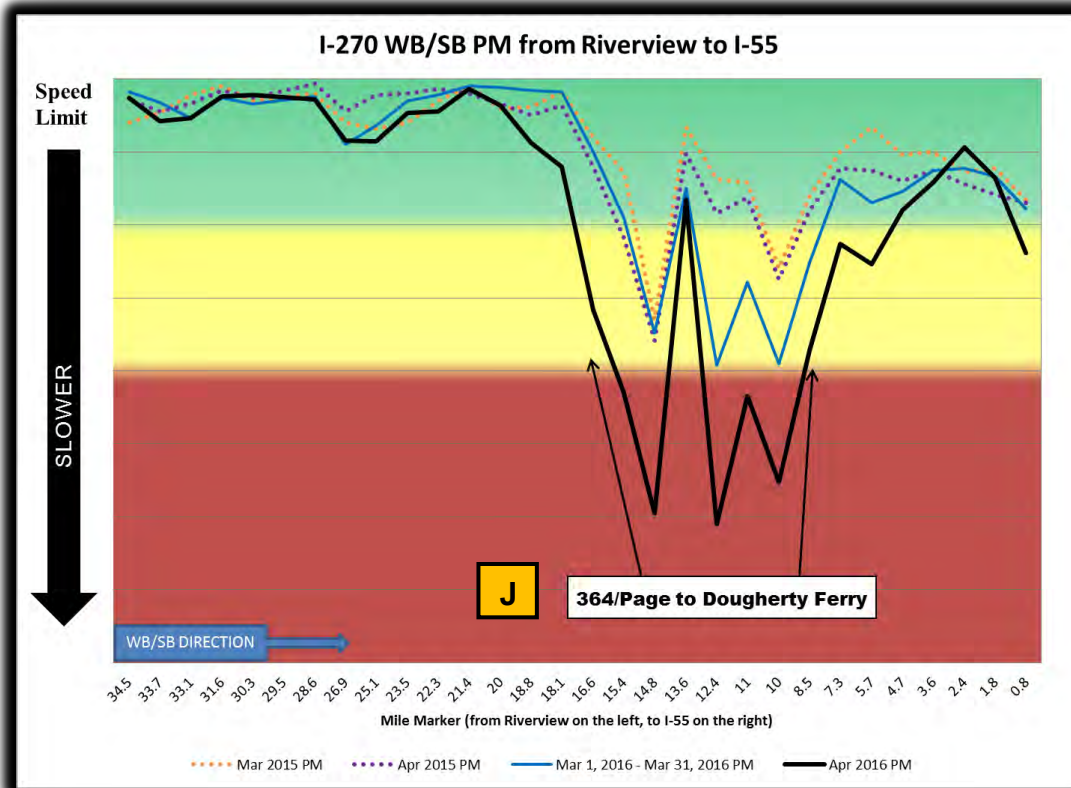
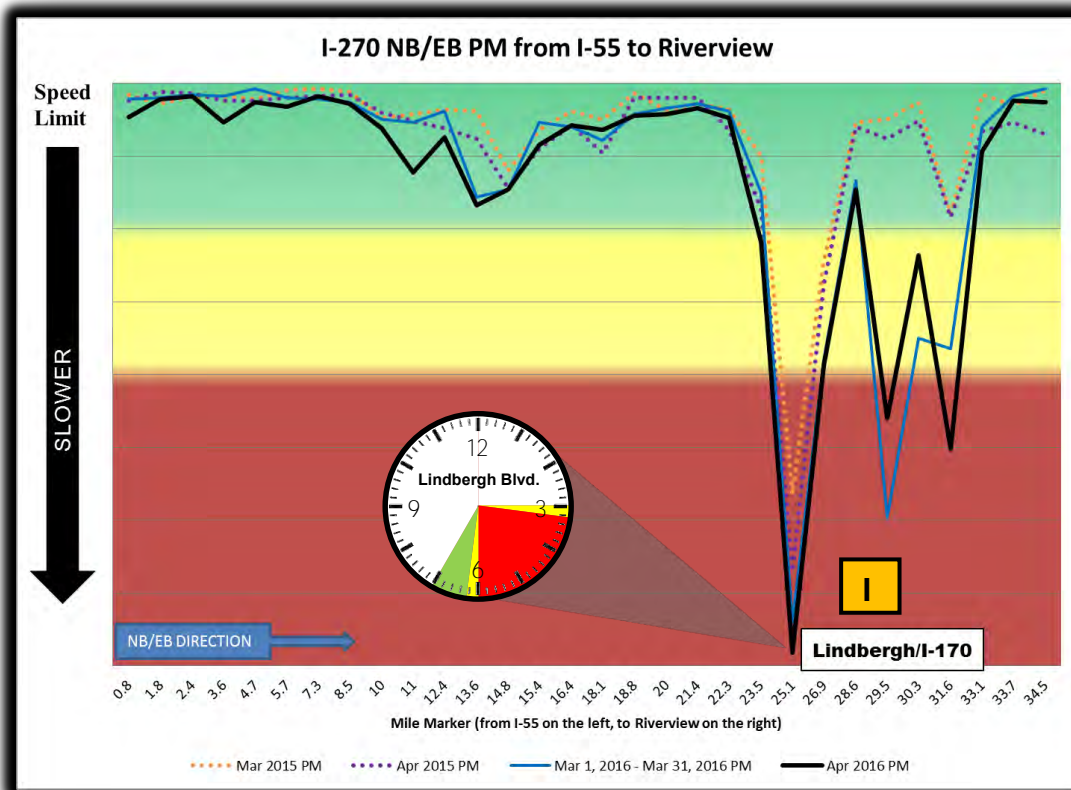
FREEWAY MANAGEMENT



FREEWAY MANAGEMENT



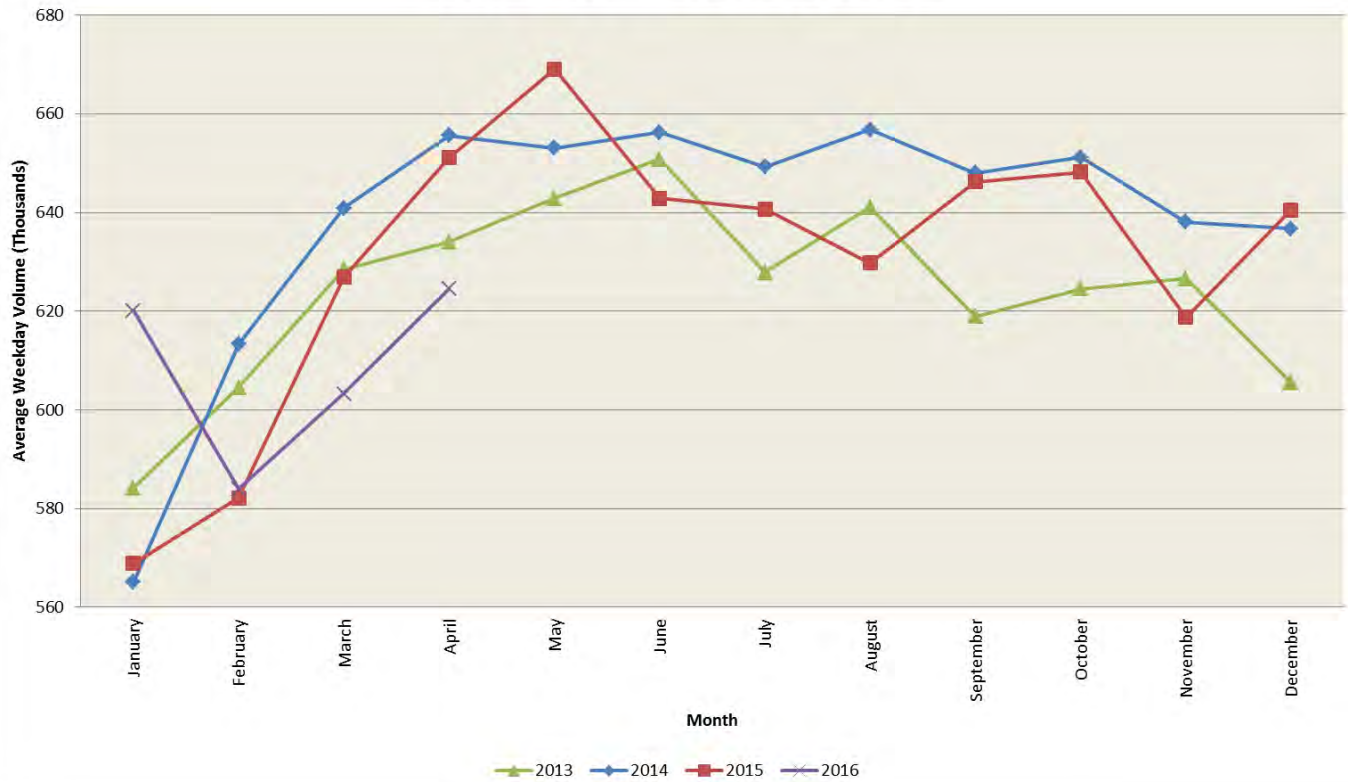
FREEWAY MANAGEMENT





FREEWAY MANAGEMENT

Interstate Volume Trends by Month



ARTERIAL MANAGEMENT



Arterial Mobility Overview
AM Peak (6a – 9a)

March 2016

LEGEND (Travel Time Index)
High Mobility (<1.25)
Medium Mobility (1.25-1.75)
Low Mobility (1.75+)
Data Unavailable Due
to Construction

ARTERIAL MANAGEMENT



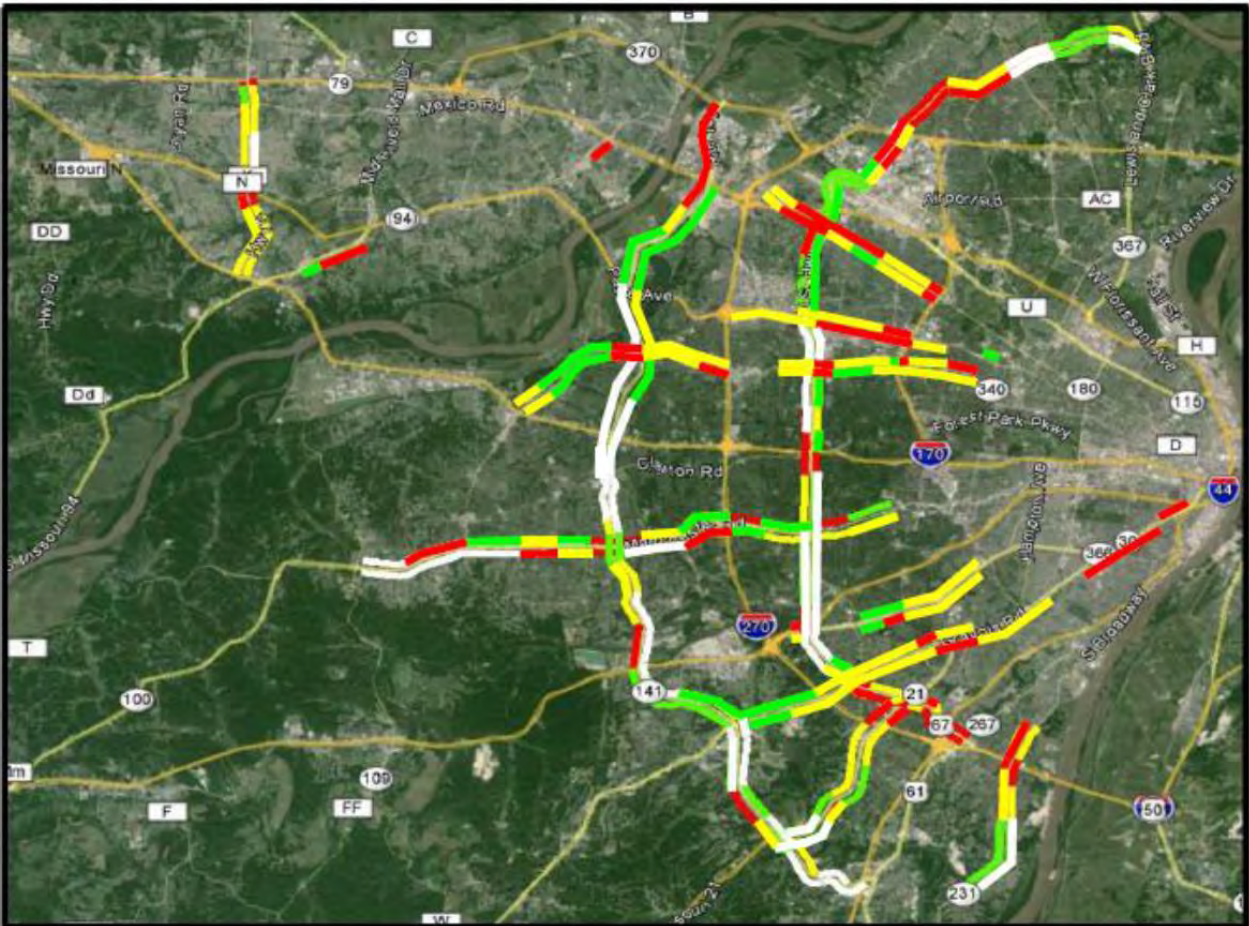
Arterial Mobility Overview AM Peak (6a – 9a)

April 2016

LEGEND (Travel Time Index)

- High Mobility (<1.25)
- Medium Mobility (1.25-1.75)
- Low Mobility (1.75+)
- Data Unavailable Due to Construction

ARTERIAL MANAGEMENT



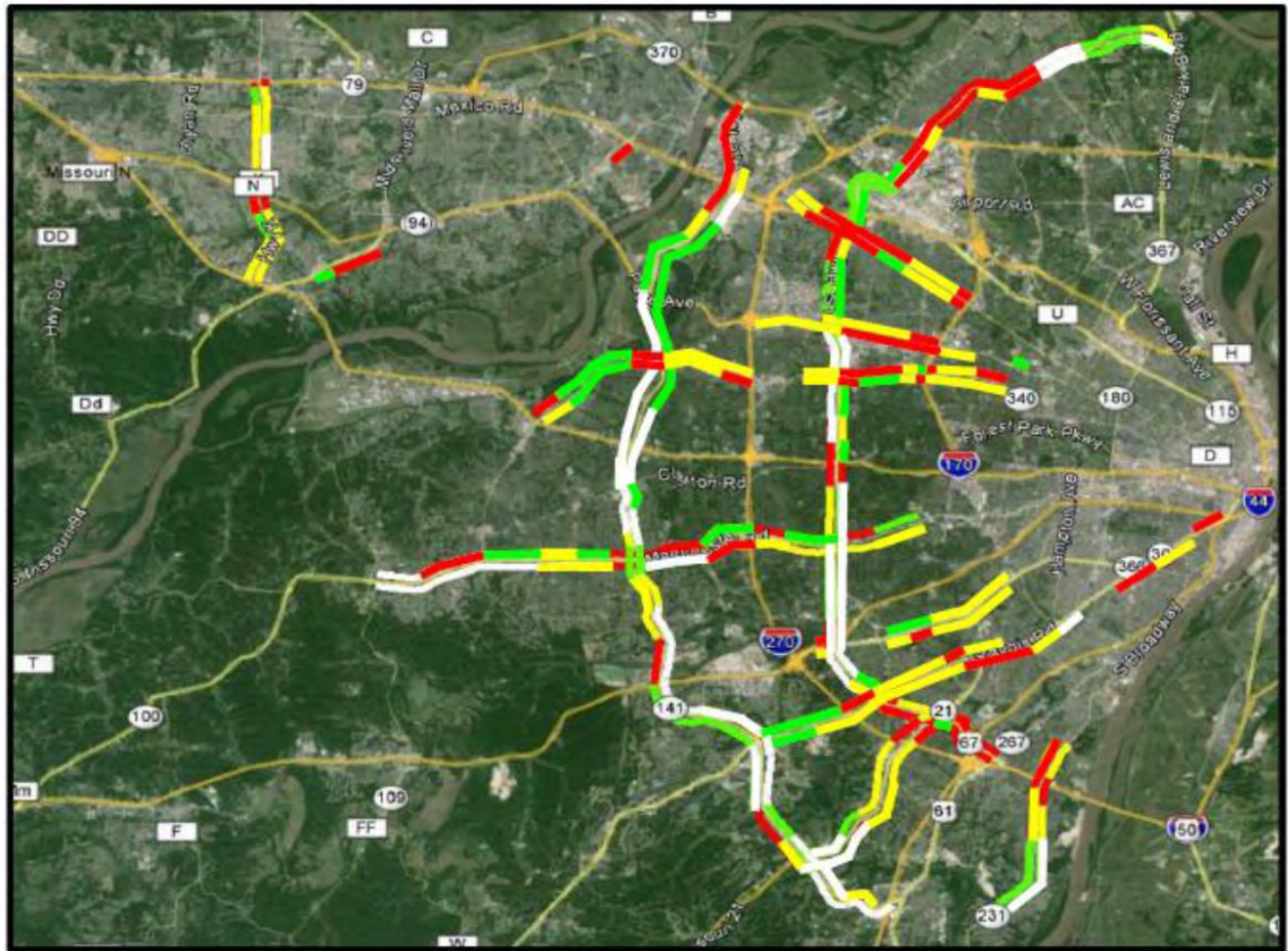
Arterial Mobility Overview PM Peak (3p - 7p)

March 2016

LEGEND (Travel Time Index)

- High Mobility (<1.25)
- Medium Mobility (1.25-1.75)
- Low Mobility (1.75+)
- Data Unavailable Due to Construction

ARTERIAL MANAGEMENT



Arterial Mobility Overview
PM Peak (3p – 7p)

April 2016

LEGEND (Travel Time Index)

- High Mobility (<1.25)
- Medium Mobility (1.25-1.75)
- Low Mobility (1.75+)
- Data Unavailable Due to Construction

ARTERIAL MANAGEMENT

Gateway Green Light ST. CHARLES COUNTY

Performance Measures Quarterly Report

January - March 2016



CUSTOMER SATISFACTION
(not used this period)



SYSTEM HEALTH



MANAGED INCIDENTS



AVERAGE LEVEL-OF-SERVICE



COUNTYWIDE CRASHES

*see last page for a description of each measure
**grey arrows represent the prior period value

Summary of Intelligent Transportation System (ITS) Devices

| Device Type | No. Devices | % Reliable | Trend | Device Type | No. Devices | % Reliable | Trend |
|---|-------------|------------|--------|------------------------|-------------|------------|-------|
| Traffic Signals Communicating with Central Software | 328 | 92% | Stable | Cellular Devices | 80 | 100% | ↑ |
| Closed Circuit Television (CCTV) | 31 | 70% | Stable | Dynamic Message Signs | 1 | 0% | NA |
| Bluetooth Devices | 78 | 85% | Stable | Traffic Count Stations | 0 | 0% | NA |
| Fiber Optic System (miles) | 13.25 | 100% | ↑ | | | | |

Quarterly Public Survey Results (920 Respondents as of May 6, 2016)

- Are you familiar with the Gateway Green Light program?
Yes (29%) No (71%)
- Rate your overall impression with your ability to travel easily throughout St. Charles County.
Congested (16%) Somewhat Congested (76%) No Congestion (8%)
- How often are you impacted by construction projects in the area of St. Charles County in which you live?
Often (22%) Somewhat Often (39%) Not Often (39%)
- How likely are you to factor in available travel time information related to the routes you travel?
Likely (68%) Occasionally (28%) Never (4%)

January - March 2016

GGL Quarterly Report



Work Zones

Whenever additional travel time is reported, this additional time shall be evaluated using this chart and adequate mitigation measures should begin within the parameters of this chart. TMC and field personnel are partners in the mitigation of traffic and notification of additional travel times should trigger the appropriate response from both parties.

Chart is designed to be an additional travel time reference to establish parameters for gauging the travel impact through work zones and to provide guidance for taking mitigation actions. Travel times can be collected or reported via Blue Toad technology, field personnel, call reports, ITS, TMC cameras, etc.

Major and Moderate impacts trigger an IAR (Immediate Action Required) event. IAR means work zone user and TMC partner together to take immediate actions to reduce or eliminate distress. During an IAR event mitigation procedures can range from increased driver notification up to and including removal of work zone. Additional mitigation procedures may require involvement of administration through use of the work zone resolution ladder.

| Level of Impact | Additional Travel Time Expected | Mitigation Actions |
|---|---|---|
| Major (Red) <u>IAR Event</u> SEVERE DISTRESS PRESENT Return of roadway to free flow traffic is Priority #1 | 15 minutes or above TMC and field personnel take all steps possible up to and including removal of lane closure to achieve free flow threshold | Immediate Action Required Supervisory mitigation assistance is required using the St. Louis District Work Zone Resolution Ladder as a tool to restore free flow traffic threshold |
| Moderate (Yellow) <u>IAR Event</u> CAUTIONARY STAGE: Action required by Field/ TMC to prevent escalation to a major event | 10 – 14 minutes TMC increases driver messaging. Field begins efforts to restore free flow traffic | TMC and field shall reach a consensus on mitigation success within 15 minutes or less. If a consensus cannot be reached, mitigation should be scaled upwards in accordance with the St. Louis District Work Zone Resolution Ladder |



Incident Levels

Major Impact Traffic Incident – Road closure > 2 hours

Major traffic incidents are typically traffic incidents involving hazardous materials, fatal traffic crashes involving numerous vehicles, and other natural or man-made disasters. These traffic incidents typically involve closing all or part of a roadway facility for a period exceeding 2 hours.

Moderate Impact Traffic Incident – Blocked travel lanes/closure 30 min – 2 hours

Moderate traffic impact incidents typically affect travel lanes for a time period of 30 minutes to 2 hours, and usually require traffic control on the scene to divert road users past the blockage. Full roadway closures might be needed for short periods during traffic incident clearance to allow traffic incident responders to accomplish their tasks.

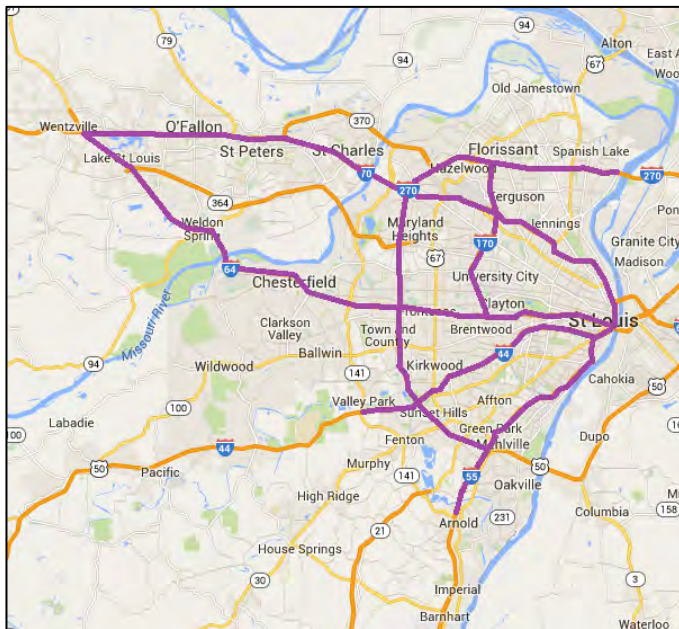
Minor Impact Traffic Incident – Lane closures < 30 minutes

Minor traffic incidents are typically disabled vehicles and minor crashes that result in lane closures of less than 30 minutes. On-scene responders are typically law enforcement and towing companies, and occasionally highway agency service patrol vehicles.



Worst Time to Travel Clocks

- The clocks found on the speed charts depict the progression of travel speeds during the commute peak period at the worst congestion location along the route.
- For example, the clock on the left depicts conditions worsening at a particular location beginning at 6:30 a.m. with the slowest speeds between 7 a.m. and 8:15 a.m. Conditions improved at 8:45 a.m.



The focus area for calculating the average 24 hour volumes was revisited in 2015 and consolidated to the more urban interstates of the St. Louis District. For example, data is generated from detectors on I-44 east of MO 141 (previously included all available in the District).



Definitions

ACTRA – Traffic signal management software program

Alert – Email message sent regarding an incident or event on the roadway

Arterial – Missouri State Highway Numbered Routes, not fully access controlled

Arterial Device – ITS equipment located along MoDOT arterials

Defined Sensor – A single sensor with an individual ID focused on a particular roadway; multiple defined sensors may be located at one physical sensor location

DMS – Dynamic Message Signs along highway displaying incident and travel time information

DNR – Department of Natural Resources

Driver messaging – Messages placed on DMS boards to alert drivers of incidents ahead of their direction of travel

EOC – Emergency Operations Center operated by MoDOT in Jefferson City

EMS – Emergency Medical Services

ER – MoDOT's Emergency Response units that provide emergency assistance, incident management and traffic control to mitigate incidents and restore free flow traffic within the St. Louis region

Freeway Device – ITS device located along a MoDOT freeway, such as interstates and other fully access controlled highways

Gatewayguide.com – Gateway Guide's website for local St. Louis area traffic information

GGL – Gateway Green Light is the St. Charles County regional integrated corridor management for a cooperative multi-jurisdictional effort to better manage and coordinate travel on the interstates (I-70, I-64), state routes (MO 94, MO 364, MO 370, US 61) and local arterials through the installation of Intelligent Transportation Systems (ITS) in Cottleville, Dardenne Prairie, Lake St. Louis, O'Fallon, St. Charles, St. Peters, and Wentzville.

GuidePost – Area of report highlighting important mobility topics for the month

IDOT – Illinois Department of Transportation

KC Scout – Gateway Guide's counterpart for the greater Kansas City Metropolitan area, a collaboration involving both MoDOT and the Kansas DOT

Mobility – Ease of movement over roadway, through system, and or work zone

MRB – Mississippi River Bridge under construction north of downtown St. Louis

MSHP – Missouri State Highway Patrol

Observed Work zone – Work zone tracked by traffic cameras at the TMC



DATA KEY

Peak Average – Daily speed sensor readings over an entire weekday average commute period averaged for an entire month

PSB – Poplar Street Bridge

Regional Mobility Overview – Map depicting congestion areas based on speed index ratings derived from speed sensor readings

SL – Designation for the St. Louis District

Speed Index – a ratio of the speed at which vehicles travel during a period to the speed at free-flow conditions

Stats to Watch – Area of report highlighting interesting trends for the report month, or data to be closely followed

STLtraffic – Email group consisting of Gateway Guide personnel and Gateway Guide’s media partners, messages sent to the group are also posted on Twitter

TMC – Traffic Management Center (also referred to as Gateway Guide)

TMC Alert – Email alert sent to an internal group of Gateway Guide personnel

TMS – Traveler Map System is MoDOT’s internal software for entering work zones and road conditions to populate the Traveler Information Map at www.traveler.modot.org/map

Travel Time Index – A ratio of the actual time to travel a corridor compared to travel time at posted speed limit without stops used

Visibility – Concerning placement of traffic signs, signals, devices, barricades and warning lights for safety within work zone or construction area to help motorist and workers move within a work zone safely; Clearly visible and legible, distinguishable to approaching traffic during day and night, aligned with road user’s line of vision, and positioned as to not obstruct other applicable traffic control devices. Must meet MUTCD standards for condition and must be covered, turned or properly stowed when not in use.

Zoning In – section of report highlighting important construction topics for the report month

I-70 Mile Markers

| ST. CHARLES COUNTY | | I-70 DISTRICT 6 WESTBOUND | I-70 DISTRICT 6 EASTBOUND | ST. CHARLES COUNTY | |
|---|------|---------------------------|---------------------------------|--------------------|---|
| 5TH ST SOUTH (ST. CHARLES) | 229A | | | 229A | 5TH ST SOUTH (ST. CHARLES) |
| 5TH ST NORTH (ST. CHARLES) | 229B | | | 229B | 5TH ST NORTH (ST. CHARLES) |
| ST. LOUIS COUNTY | | | | ST. LOUIS COUNTY | |
| BLANCHETTE BRIDGE | 230 | | | 230 | BLANCHETTE BRIDGE |
| EARTH CITY EXPRESSWAY SOUTH | 231A | | | 231A | EARTH CITY EXPRESSWAY SOUTH |
| EARTH CITY EXPRESSWAY NORTH | 231B | | | 231B | EARTH CITY EXPRESSWAY NORTH |
| I-270 | 232 | | | 232 | I-270 |
| MCKELVEY RD OVERPASS (BRIDGETON) | 233 | | | 233 | MCKELVEY RD OVERPASS (BRIDGETON) |
| RTE 180/ST. CHARLES ROCK RD (BRIDGETON) | 234 | | | 234 | RTE 180/ST. CHARLES ROCK RD (BRIDGETON) |
| US 67 SOUTH (BRIDGETON) | 235A | | | 235A | US 67 SOUTH (BRIDGETON) |
| US 67 NORTH (BRIDGETON) | 235B | | | 235B | US 67 NORTH (BRIDGETON) |
| CYPRESS RD (BRIDGETON) | 235C | | | 235C | CYPRESS RD (BRIDGETON) |
| AIRFLIGHT (ST. ANN) | 236 | | | 236 | AIRFLIGHT (ST. ANN) |
| MCDONNELL OVERPASS (BERKELEY) | 237 | | | 237 | MCDONNELL OVERPASS (BERKELEY) |
| LAMBERT AIRPORT (BERKELEY) | 238A | | | 238A | LAMBERT AIRPORT (BERKELEY) |
| I-170 NORTH (BERKELEY) | 238B | | | 238B | I-170 NORTH (BERKELEY) |
| I-170 SOUTH (BERKELEY) | 238C | | | 238C | I-170 SOUTH (BERKELEY) |
| NORTH HANLEY (BERKELEY) | 239 | | | 239 | NORTH HANLEY (BERKELEY) |
| RTE N/FLORISSANT RD (COOL VALLEY) | 240A | | | 240A | RTE N/FLORISSANT RD (COOL VALLEY) |
| BERMUDA DR (NORMANDY) | 240B | 240B | BERMUDA DR (NORMANDY) | | |
| RTE U/LUCAS AND HUNT RD | 241B | 241B | RTE U/LUCAS AND HUNT RD | | |
| JENNINGS STATION RD (PINE LAWN) | 242C | 242C | JENNINGS STATION RD (PINE LAWN) | | |
| ST. LOUIS CITY | | ST. LOUIS CITY | | | |
| GOODFELLOW (ST. LOUIS) | 243A | 243A | GOODFELLOW (ST. LOUIS) | | |
| RIVERVIEW/BIRCHER (ST. LOUIS) | 243B | 243B | RIVERVIEW/BIRCHER (ST. LOUIS) | | |
| UNION (ST. LOUIS) | 244A | 244A | UNION (ST. LOUIS) | | |
| KINGSHIGHWAY (ST. LOUIS) | 244B | 244B | KINGSHIGHWAY (ST. LOUIS) | | |
| SHREVE (ST. LOUIS) | 245A | 245A | SHREVE (ST. LOUIS) | | |
| WEST FLORISSANT AVE (ST LOUIS) | 245B | 245B | WEST FLORISSANT AVE (ST LOUIS) | | |
| NORTH BROADWAY (ST. LOUIS) | 246A | 246A | NORTH BROADWAY (ST. LOUIS) | | |
| ADELAIDE (ST LOUIS) | 246B | 246B | ADELAIDE (ST LOUIS) | | |
| GRAND (ST. LOUIS) | 247 | 247 | GRAND (ST. LOUIS) | | |
| SALISBURY (ST LOUIS) | 248A | 248A | SALISBURY (ST LOUIS) | | |
| BRANCH (ST LOUIS) | 248B | 248B | BRANCH (ST LOUIS) | | |
| MADISON (ST LOUIS) | 249A | 249A | MADISON (ST LOUIS) | | |
| PINE ST OVERPASS (ST LOUIS) | 250 | 250 | PINE ST OVERPASS (ST LOUIS) | | |
| CHESTNUT ST OVERPASS (ST LOUIS) | 250 | 250 | CHESTNUT ST OVERPASS (ST LOUIS) | | |
| MARKET ST OVERPASS (ST. LOUIS) | 250 | 250 | MARKET ST OVERPASS (ST. LOUIS) | | |
| WALNUT ST OVERPASS (ST LOUIS) | 250 | 250 | WALNUT ST OVERPASS (ST LOUIS) | | |



DATA KEY

I-70 St. Charles County Mile Markers

| | | | | | |
|---------------------------------------|------|---------------------------|---------------------------|------|---------------------------------------|
| RTE A (WENTZVILLE) | 212 | I-70 DISTRICT 6 EASTBOUND | I-70 DISTRICT 6 WESTBOUND | 212 | RTE A (WENTZVILLE) |
| LAKE ST. LOUIS BLVD (LAKE ST. LOUIS) | 214 | | | 214 | LAKE ST. LOUIS BLVD (LAKE ST. LOUIS) |
| BRYAN RD (O'FALLON) | 216 | | | 216 | BRYAN RD (O'FALLON) |
| RTE K/RTE M (O'FALLON) | 217 | | | 217 | RTE K/RTE M (O'FALLON) |
| T.R. HUGHES BLVD (O'FALLON) | 218 | | | 218 | T.R. HUGHES BLVD (O'FALLON) |
| RTE 79 (ST. PETERS/O'FALLON) | 220 | | | 220 | RTE 79 (ST. PETERS/O'FALLON) |
| RTE C/MID RIVERS MALL DR (ST. PETERS) | 222 | | | 222 | RTE C/MID RIVERS MALL DR (ST. PETERS) |
| SPENCER RD OVERPASS (ST. PETERS) | 223 | | | 223 | SPENCER RD OVERPASS (ST. PETERS) |
| RTE 370 (ST. PETERS) | 224 | | | 224 | RTE 370 (ST. PETERS) |
| CAVE SPRINGS (ST. CHARLES) | 225 | | | 225 | CAVE SPRINGS (ST. CHARLES) |
| ZUMBEHL RD (ST. CHARLES) | 227 | | | 227 | ZUMBEHL RD (ST. CHARLES) |
| HAWK'S NEST OVERPASS (ST. CHARLES) | 227 | | | 227 | HAWK'S NEST OVERPASS (ST. CHARLES) |
| RTE 94 (ST. CHARLES) | 228 | | | 228 | RTE 94 (ST. CHARLES) |
| 5TH ST SOUTH (ST. CHARLES) | 229A | | | 229A | 5TH ST SOUTH (ST. CHARLES) |
| 5TH ST NORTH (ST. CHARLES) | 229B | | | 229B | 5TH ST NORTH (ST. CHARLES) |

I-270 Mile Markers

| | | | | |
|-----|-------------------------------------|--|-------------------------------------|--------|
| 3 | KOCH RD | I-255 WESTBOUND I-255 EASTBOUND I-270 DISTRICT 6 COUNTER CLOCKWISE FROM RIVERVIEW DR. TO I-55 I-270 DISTRICT 6 CLOCKWISE FROM I-55 TO RIVERVIEW DR. | KOCH RD | 3 |
| 2 | SR 231 (TELEGRAPH RD) | | SR 231 (TELEGRAPH RD) | 2 |
| 1C | US61-67 | | US61-67 | 1B |
| 1B | I-55 NORTH | | I-55 NORTH | 1B |
| 1 | I-55 SOUTH | | I-55 SOUTH | 1A |
| 2 | SR 21 (TESSON FERRY RD.) | | SR 21 (TESSON FERRY RD.) | 2 |
| 3 | SR 30 (GRAVOIS RD.) | | SR 30 (GRAVOIS RD.) | 3 |
| 5 | I-44 EAST/SR 366 (WATSON RD.) | | I-44 EAST | 5 |
| 5 | I-44 WEST | | I-44 WEST | 5 |
| | | | BIG BEND RD. | 7 |
| 8 | DOUGHERTY FERRY RD. | | DOUGHERTY FERRY RD. | 8 |
| 10 | SR 100 (MANCHESTER RD.) | | SR 100 (MANCHESTER RD.) | 10 |
| 12 | I-64 EAST/WEST/US 40-61 NORTH/SOUTH | | I-64 EAST/WEST/US 40-61 NORTH/SOUTH | 12 A/B |
| 13 | SR AB (LADUE RD) | | SR AB (LADUE RD) | 13 |
| 14 | SR 340 (OLIVE BLVD) | | SR 340 (OLIVE BLVD) | 14 |
| 16 | SR D (PAGE AVE.) EAST | | SR D (PAGE AVE.) EAST | 16A |
| 16 | SR 364 WEST | | SR 364 WEST | 16B |
| 17 | DORSETT RD | | DORSETT RD | 17 |
| 20 | I-70 WEST/EAST | | I-70 WEST | 20B |
| | | | I-70 EAST | 20A |
| 20C | SR 180 (ST. CHARLES ROCK RD) | | SR 180 (ST. CHARLES ROCK RD) | 20C |
| 22 | MISSOURI BOTTOM RD/370 WEST | | SR 370 WEST | 22D |
| 23 | MCDONNELL BLVD | | MCDONNELL BLVD | 23 |
| 25A | US 67 SOUTH | | US 67 NORTH | 25A |
| 25B | US 67 NORTH | | US 67 SOUTH | 25B |
| 26 | HANLEY/GRAHAM RD. | | I-170 SOUTH (EXIT LEFT) | 26A |
| 26 | I-170 SOUTH | | HANLEY/GRAHAM | 26B |
| 27 | NEW FLORISSANT RD | | NEW FLORISSANT RD | 27 |
| 28 | WASHINGTON/ELIZABETH RD. | | ELIZABETH/WASHINGTON | 28 |
| 29 | WEST FLORISSANT RD | | WEST FLORISSANT RD | 29 |
| 30 | SR AC HALLS FERRY RD | | SR AC NEW HALLS FERRY RD | 30 |
| | | | NEW HALLS FERRY RD. | 30A |
| 31A | SR 367 SOUTH | | SR 367 SOUTH | 31A |
| 31B | SR 367 NORTH | | SR 367 NORTH | 31B |
| 32 | BELLEFONTAINE RD | | BELLEFONTAINE RD | 32 |
| 33 | LILAC AVE. | | LILAC AVE. | 33 |
| 34 | RIVERVIEW DR. | | RIVERVIEW DR. | 34 |

I-64 Mile Markers

| | | | | |
|--|-----|--|-----|---------------------------------|
| I-70 WEST EXIT RIGHT/EAST EXIT LEFT | 1 | | 1A | I-70 WEST |
| | | | 1B | I-70 EAST |
| PROSPECT RD | 1C | | 1C | PROSPECT RD |
| LAKE ST. LOUIS BLVD | 2 | | 2 | LAKE ST. LOUIS BLVD |
| SR N | 4 | | 4 | MO N |
| SR DD/WINGHAVEN | 6 | | 6 | MO DD/Winghaven |
| SR K/SR 94 | 9 | | 9 | MO K |
| | | | 10 | MO 94 |
| MISSOURI RESEARCH PARK/TECHNOLOGY DR | 12 | | 11 | RESEARCH PARK CRL |
| DANIEL BOONE BRIDGE | 13 | | 13 | DANIEL BOONE BRIDGE |
| CHESTERFIELD AIRPORT RD | 14 | | 14 | SPIRIT OF ST LOUIS BLVD |
| | | | 16 | LONG RD |
| BOONE'S CROSSING | 17 | | 17 | BOONE'S CROSSING |
| CHESTERFIELD PKWY | 19A | | 19A | CHESTERFIELD PKWY |
| SR 340 (OLIVE/CLARKSON) | 19B | | 19B | MO 340 (OLIVE/CLARKSON) |
| | | | 20 | CHESTERFIELD PKWY |
| TIMBERLAKE MANOR PKWY | 21 | | 21 | TIMBERLAKE MANOR PKWY |
| SR 141 | 22 | | 22 | MO 141 (WOODS MILL RD) |
| MASON RD | 23 | | 23 | MARYVILLE CENTRE DR |
| | | | 24 | MASON RD |
| I-270 SOUTH | 25A | | 25A | I-270 SOUTH |
| I-270 NORTH | 25B | | 25B | I-270 NORTH |
| SR JJ (BALLAS RD) | 26 | | 26 | MO JJ (BALLAS RD) |
| SPOEDE RD | 27 | | 27 | SPOEDE RD |
| US 61-67 | 28A | | 28A | US 61-67 |
| | | | 28B | CLAYTON RD |
| MCKNIGHT RD | 30 | | 30 | MCKNIGHT RD |
| BRENTWOOD/HANLEY RD | 31B | | 31A | I-170 NORTH |
| I-170 NORTH | 31A | | 31B | HANLEY RD/BRENTWOOD BLVD |
| BELLEVUE AVE | 33B | | | |
| BIG BEND | 33A | | 33A | BIG BEND BLVD |
| MCCAUSLAND | 33C | | | ST. LOUIS CITY |
| ST. LOUIS CITY | | | 33C | MCCAUSLAND AVE |
| HAMPTON AVE/OAKLAND AVE | 34B | | 34A | CLAYTON RD/SKINKER BLVD |
| | | | 34B | HAMPTON AVE |
| KINGSHIGHWAY | 36A | | 36A | KINGSHIGHWAY |
| VANDEVENTER AVE | 36C | | 36B | BOYLE |
| MARKET ST/BERNARD ST | 37A | | | |
| GRAND AVE | 37B | | | |
| JEFFERSON AVE | 38A | | 38A | FOREST PARK AVE/GRAND BLVD |
| CHESTNUT AT 20TH ST | 38B | | 38B | MARKET ST AT 3000 WEST |
| 14TH ST | 39B | | 39A | MARKET ST AT 21ST |
| 11TH ST EXIT LEFT | 39C | | 40A | STADIUM/9TH ST/ TUCKER BLVD |
| BROADWAY/7TH ST (LAST MISSOURI EXIT) | 40B | | 40C | I-44 WB/I-55 SB/ I-70 WB |

I-64 DISTRICT 6 EASTBOUND

I-64 DISTRICT 6 WESTBOUND

I-55 Mile Markers

| JEFFERSON COUNTY | | I-55 DISTRICT 6 NORTHBOUND I-55 DISTRICT 6 SOUTHBOUND | JEFFERSON COUNTY | |
|------------------------------|------|--|------------------|------------------------------|
| RTE M | 185 | | 185 | RTE M |
| MAIN ST(IMPERIAL) | 186 | | 186 | MAIN ST(IMPERIAL) |
| RICHARDSON RD (ARNOLD) | 190 | | 190 | RICHARDSON RD (ARNOLD) |
| RTE 141 (ARNOLD) | 191 | | 191 | RTE 141 (ARNOLD) |
| ST. LOUIS COUNTY | | | ST. LOUIS COUNTY | |
| MERAMEC BOTTOM RD | 193 | | 193 | MERAMEC BOTTOM RD |
| BUTLER HILL RD | 195 | | 195 | BUTLER HILL RD |
| I-255 EAST | 196A | | 196A | I-255 EAST |
| I-270 NORTH | 196B | | 196B | I-270 NORTH |
| US67/LINDBERGH | 197 | | 197 | US67/LINDBERGH |
| REAVIS BARRACKS RD | 199 | | 199 | REAVIS BARRACKS RD |
| UNION RD | 200 | | 200 | UNION RD |
| BAYLESS | 201A | | 201A | BAYLESS |
| WEBER RD | 201B | | 201B | WEBER RD |
| ST. LOUIS CITY | | | ST. LOUIS CITY | |
| GERMANIA (ST. LOUIS) | 202B | | 202B | GERMANIA (ST. LOUIS) |
| LOUGHBOROUGH AVE (ST. LOUIS) | 202C | | 202C | LOUGHBOROUGH AVE (ST. LOUIS) |
| BATES (ST. LOUIS) | 203 | | 203 | BATES (ST. LOUIS) |
| BROADWAY (ST. LOUIS) | 204 | | 204 | BROADWAY (ST. LOUIS) |
| GASCONADE (ST. LOUIS) | 205 | | 205 | GASCONADE (ST. LOUIS) |
| ARSENAL (ST. LOUIS) | 206C | | 206C | ARSENAL (ST. LOUIS) |
| SIDNEY OVERPASS | 206 | | 206 | SIDNEY OVERPASS |
| GRAVOIS AVE OVERPASS | 207 | | 207 | GRAVOIS AVE OVERPASS |
| I-44 WEST (ST. LOUIS) | 207 | | 207 | I-44 WEST (ST. LOUIS) |
| 7TH ST/PARK AVE (ST. LOUIS) | 208 | | 208 | 7TH ST/PARK AVE (ST. LOUIS) |

I-44 Mile Markers

| FRANKLIN COUNTY | | I-44 DISTRICT 6 WESTBOUND I-44 DISTRICT 6 EASTBOUND | FRANKLIN COUNTY | |
|--------------------|------|--|------------------|--------------------|
| PACIFIC | 257 | | 257 | PACIFIC |
| ST. LOUIS COUNTY | | | 261 | ALLENTON/SIX FLAGS |
| ALLENTON/SIX FLAGS | 261 | | ST. LOUIS COUNTY | |
| RTE 109/RTE W | 264 | | 264 | RTE 109/RTE W |
| WILLIAMS RD | 265 | | | |
| LEWIS RD | 266 | | 266 | LEWIS RD |
| | | | 269 | ANTIRE |
| RTE 141 | 272 | | 272 | RTE 141 |
| BOWLES | 274 | | 274 | BOWLES |
| MRAZ | 274 | | | |
| | | | 275 | SOCCER PARK |
| I-270 NORTH | 276B | | 276B | I-270 NORTH |
| I-270 SOUTH | 276A | | 276A | I-270 SOUTH |
| RTE 366/WATSON | 277A | | | |
| US 67/LINDBERGH | 277B | | 277B | US 67/LINDBERGH |
| BIG BEND | 278 | | 278 | BIG BEND |
| | | | 279 | BERRY |
| ELM | 280 | | 280 | ELM |
| LACLEDE STATION | 282 | | | |
| ST. LOUIS CITY | | | 283 | SHREWSBURY |
| JAMIESON | 284A | | ST. LOUIS CITY | |
| | | | 284B | ARSENAL |
| | | | 285 | SOUTHWEST |
| | | | | |
| HAMPTON | 286 | | 287 | KINGSHIGHWAY |
| KINGSHIGHWAY | 287 | | 288 | GRAND AVE |
| GRAND AVE | 288 | | 289 | JEFFERSON AVE |
| JEFFERSON AVE | 289 | | | |
| I-55 SOUTH | 290A | | | |
| 18TH ST | 290B | | 290C | 12TH ST./GRAVOIS |
| | | | | |

I-170 Mile Markers

| | | | |
|----------------------------------|----|--|--------------------------------|
| I-64 WEST/US 40-61 | 1A | I-170 DISTRICT 6 SOUTHBOUND I-170 DISTRICT 6 NORTHBOUND | |
| I-64 EAST/US 40-61 | 1B | | |
| | | | 1C GALLERIA PARKWAY |
| BRENTWOOD BLVD | 1D | | |
| FOREST PARK PARKWAY | 1E | | 1E FOREST PARK PARKWAY |
| LADUE RD | 1F | | 1F LADUE RD |
| DELMAR | 2 | | 2 DELMAR |
| EAST/3B WEST SR 340 (OLIVE BLVD) | 3A | | 3 SR 340 (OLIVE BLVD) |
| SRD/SR 364 (PAGE AVE) | 4 | | 4 SR D/SR 364 (PAGE AVE) |
| SR 180 (ST. CHARLES ROCK RD) | 5 | | 5 SR 180 (ST. CHARLES ROCK RD) |
| SR 115 (NATURAL BRIDGE RD) | 6 | | 6 SR 115 (NATURAL BRIDGE RD) |
| I-70 EAST (EXIT LEFT) | 7A | | 7A I-70 EAST (EXIT RIGHT) |
| I-70 WEST (EXIT RIGHT) | 7B | | 7B I-70 WEST (EXIT LEFT) |
| | | | 7C LAMBERT ST. LOUIS AIRPORT |
| | | | |
| SCUDDER | 8 | | 8 SCUDDEN/N. HANLEY RD |
| AIRPORT RD | 9A | | 9A AIRPORT |
| | | | 9B BOEING (EXIT LEFT) |
| | | | 9C N. HANLEY RD |
| | | | 10A I-270 WEST (EXIT RIGHT) |
| | | | 10B I-270 EAST (EXIT LEFT) |

SR 364 Mile Markers

| | | | | |
|-----------------------------|-----|--------------------------------------|-----|------------------------------------|
| | | SR 364 WESTBOUND SR 364 EASTBOUND | 11B | HARVESTER RD |
| | | | 12 | HERITAGE CROSSING/JUNGS STATION RD |
| SR94 EAST/ST. CHARLES | 13 | | 13 | SR 94 EAST/MUEGGE RD |
| ARENA PKWY/UPPER BOTTOM RD | 14 | | 14 | UPPER BOTTOM/ARENA |
| MARYLAND HEIGHTS EXPRESSWAY | 17 | | 17 | MARYLAND HEIGHTS EXPRESSWAY |
| BENNINGTON PL | 19 | | | |
| | | | 21 | BENNINGTON PL |
| | | | | |
| I-270 SOUTH | 22A | | | |
| I-270 NORTH | 22B | | | |

SR 370 Mile Markers

| | | | | |
|---|----|--------------------------------------|----|---|
| | | SR 370 WESTBOUND SR 370 EASTBOUND | 1A | I-70 WESTBOUND |
| | | | 1B | I-70 EASTBOUND |
| | | | 1C | SPENCER RD |
| TRUMAN/CAVE SPRINGS RD 2 | | | 2 | TRUMAN/CAVE SPRINGS RD |
| ELM/NEW TOWN BLVD | 5 | | 5 | ELM/NEW TOWN BLVD |
| N 3RD ST/SR 94 | 7 | | 7 | N 3RD ST/SR 94 |
| DISCOVERY BRIDGE ST. CHAS CO/ ST. LOUIS CO | 8 | | 8 | DISCOVERY BRIDGE ST. LOUIS CO/ ST. CHAS CO |
| EARTH CITY EXPRESSWAY 9 | | | 9 | EARTH CITY EXPRESSWAY |
| ST. LOUIS MILLS BLVD | 11 | | 11 | ST. LOUIS MILLS BLVD |
| MISSOURI BOTTOM RD 12 | | | | |
| I-270 WEST BOUND | 12 | | | |
| I-270 EAST BOUND | 12 | | | |

SR 21 Mile Markers

| | | | | |
|-----------------------------|-------|--------------------------------------|-------|-----------------------------|
| RT B | 164.8 | SR 21 NORTHBOUND SR 21 SOUTHBOUND | 164.8 | RT B |
| RT BB | 165.4 | | 165.4 | RT BB |
| STADIUM DR UNDERPASS | 166.4 | | 166.4 | STADIUM DR UNDERPASS |
| RTE A | 167.8 | | 167.8 | RTE A |
| SAND CREEK | 169 | | 169 | SAND CREEK |
| HAYDEN RD | 169.2 | | 169.2 | HAYDEN RD |
| GLADE CHAPEL RD OVERPASS | 171.4 | | 171.4 | GLADE CHAPEL RD OVERPASS |
| OLD HWY 21 (GOLDMAN) | 172.6 | | 172.6 | OLD HWY 21 (GOLDMAN) |
| KLABLE RD OVERPASS | 174.2 | | 174.2 | KLABLE RD OVERPASS |
| SCHENK RD OVERPASS | 175.2 | | 175.2 | SCHENK RD OVERPASS |
| HEADS CREEK | 176.4 | | 176.4 | HEADS CREEK |
| RT MM | 177.7 | | 177.7 | RT MM |
| W. FOUR RIDGE RD OVERPASS | 179 | | 179 | W. FOUR RIDGE RD OVERPASS |
| OLD HWY 21 (SHADY VALLEY) | 180.4 | | 180.4 | OLD HWY 21 (SHADY VALLEY) |
| OLD HWY 21 UNDERPASS | 182 | | 182 | OLD HWY 21 UNDERPASS |
| WEST ROCK CREEK RD OVERPASS | 182.8 | | 182.8 | WEST ROCK CREEK RD OVERPASS |
| OLD HWY 21 OVERPASS | 183.2 | | 183.2 | OLD HWY 21 OVERPASS |
| LONDELL RD | 184.2 | | 184.2 | LONDELL RD |
| OLD HWY 21 | 184.5 | | 184.5 | OLD HWY 21 |
| SR 141 | 185.6 | | 185.6 | SR 141 |