



SunGuide® Report Information



Last Updated: 2022/08/12 Version: 1.0

1. Report Name: Event Lane Blockage Report

2. Purpose of the Report:

To provide information regarding the worst-case lane blockage at a given location in association with the lane blocking event that has occurred.

3. Report Sections:

The sections in the report provide an overall summary of the report generation, filter parameters selected in order to produce the Event Lane Blockage list, as well as the events and associated attributes themselves.

a. Filters for the Report

Provides information regarding date of report generation, center associated, time period of events, as well the number of events found over this period. The filters selected and derived from database fields are specified.

b. Event Lane Blockage List

Provides attributes such as Event ID and Event type in relation to where and when the lane blockage event occurred.

4. Report Field Definition:

Below are definitions of the primary report fields used and displayed in the report sections.

Event ID: Unique identification number associated with an event.

Event Type: The type of event that occurred (Crash, Vehicle Fire, Debris on Roadway, etc.)

Date/Time: Date and time the event was reported.

Location: Location at which the event took place including county, roadway, direction, and reference point.

Worst Case Lane Blockage: Lane number with worst block condition (out of total).

5. Report Filter Parameters Definition:

Below are definitions of the data fields used to produce the report fields above.

From/To Event ID: ID/Number associated with the event.

Date and Time: Date range (from/to).

Day of Week: Day of week event occurred (Sun, Mon, Tue, Wed, Thu, Fri, Sat).

Managing Center: Center that managed the event.

County: County where the event occurred.

Roadway: Name of the roadway where the event occurred (I-75, US-41, etc.).

Direction: Direction where the event occurred. Options available based on the Roadway selection (Eastbound, Northbound, Southbound, Westbound).

From/To Reference Point: Reference points where the event occurred. Options available based on Roadway and Direction selection (I-4, Mile Marker 3, etc.).

From/To Location: From or To location where the event occurred. Options available based on the Roadway, Direction, and From/To Reference Point selections.

Ramp Events: Filter to include or exclude events (Include Ramp Events, Exclude Ramp Events, Ramp Events Only).

Event Type: Type of event occurred (Disable Vehicle, Crash, etc.).

Event Attributes: Attributes associated with the event. Allows multiple selection from the list (Bridge Hit, Fire, Hit and Run, etc.).

Event Status: Status of the event (Any Valid, Any, Active, Closed, Unresolved, False Alarm, Unconfirmed, VOID, Planned).

Duration: Duration of the event. Allows to select Less than or Greater than option with minutes.

Severity Level: Severity level of the event (All, Unknown, Minor, Moderate, Severe).

Notifier Agency: ID/Number associated with notified agency.

Worst Lane Blockage: Filter events by worst lane blockage (All, Ramp, Shoulder, etc.)

Injuries: Filter events by injury that occurred (No injuries, Any injury, Fatality, etc.)

Vehicle ID: Filter events by involved vehicle id.

6. Inclusion Criteria:

N/A

7. Database Tables and Fields:

The data in this report primarily comes from the VW_RS_EVENT_PERFMEASD views. The underlying data comes from the following tables and their associated fields.

EM_EVENT:

- **EVENT_ID:** Unique identifier of an event.

- **DETECTED_DATE:** Datetime information of reported event.
- **EVENTSTATUS_ID:** Unique identifier of event status.
- **EVENTTYPE_ID:** Unique Identifier of event type.

EM_EVENT_APPROACH_PERFMEASD:

- **WRS_BLK_ENTRYLANE_CNT:** Worse blockage count for entry lane.
- **WRS_BLK_EXITLANE_CNT:** Worse blockage count for exit lane.
- **WRS_BLK_TRAVELLANE_CNT:** Worse blockage count for travel lane.
- **WRS_BLK_SHOULDERLANE_CNT:** Worse blockage count for shoulder lane.
- **WRS_BLK_LEFTURNLANE_CNT:** Worse blockage count for left turn lane.
- **WRS_BLK_RIGHTURNLANE_CNT:** Worse blockage count for right turn lane.

EM_EVENTTYPE:

- **LONG_NAME:** Details type of event that has occurred.

EM_EVENT_PERFMEASD:

- **WRS_FULLCLOSURE:** Count of total lanes which are fully closed due to lane blocking event.
- **WRS_BLOCKAGE_DESC:** Overall description of lanes blocked.

EM_LOCATION:

- **LOCATION_DESC:** Description of location in which lane blocking event occurred.
- **COUNTY_ID:** Identification number associated with county.

8. Appendix: Complete SQL Query:

FDOT_ONW.VW_RS_EVENT_PERFMEASD

```
SELECT DISTINCT "ALIAS"."EVENT_ID", "ALIAS"."WRS_BLK_ENTRYLANE_CNT",
"ALIAS"."WRS_BLK_EXITLANE_CNT", "ALIAS"."WRS_BLK_TRAVELLANE_CNT",
"ALIAS"."EVENT_DURATION", "ALIAS"."EVENTSTATUS_ID", "ALIAS"."EVENTTYPE_ID",
"ALIAS"."INJURYTYPE_IS_FATAL", "ALIAS"."INJURYTYPE_IS_INJURY",
"ALIAS"."NOTIFIER_AGENCY_ID", "ALIAS"."USERERROR_CNT", "ALIAS"."SEVERITY_ID",
"ALIAS"."WRS_BLK_SHOULDERLANE_CNT", "ALIAS"."WRS_BLOCKAGE_DESC",
"ALIAS"."WRS_FULLCLOSURE", "ALIAS"."COUNTY_ID", "ALIAS"."HEAD_LOCATION_ID",
"ALIAS"."HEAD_LOCATION_SORT_ORDER", "ALIAS"."HEAD_PRIMARY_OFFSETTYPE_ID",
"ALIAS"."ROADWAY_NUMBER", "ALIAS"."REPORT_DOW", "ALIAS"."OWNEDBY_ORG_ID",
"ALIAS"."EVENTSTATUS_IS_VALID", "ALIAS"."EVENTTYPE_LONG_NAME",
"ALIAS"."LOCATION_DESC", "ALIAS"."DIRECTION_LONG_NAME",
"ALIAS"."WRS_BLK_LEFTURNLANE_CNT", "ALIAS"."WRS_BLK_RIGHTURNLANE_CNT",
"ALIAS"."ROADWAY_PARENT_NUMBER", "ALIAS"."ATTRIBUTETYPE_ID_CSV",
"ALIAS"."REPORT_DATE_UTC", "ALIAS"."REPORT_TIME", "ALIAS"."REPORT_DATE",
"ALIAS"."BEAT_NAME", "ALIAS"."VEHICLE_ID"

FROM "CHSGDB81"."FDOT_ONW"."VW_RS_EVENT_PERFMEASD" "ALIAS"

ORDER BY "ALIAS"."EVENT_ID"
```

