



SunGuide® Report Information



Last Updated: 2022/08/15 Version: 1.0

1. Report Name: Secondary Crash Report

2. Purpose of the Report:

To provide a list of correlated lane blocking events in which a crash (secondary event is bound to crash event type) ensues a primary event.

3. Report Sections:

The sections in the report provide a summary of the report generation with the associated district, the filter parameters selected from database fields in order to generate the displayed data, as well as the correlated events list which details the primary event and related crash.

a. Filters for the report

Provides the date the Secondary Crash Report was generated, associated district, and filter parameters selected from database fields in order to display the corresponding secondary crash details. Provides the time period for when the data was gathered and or events occurred, the number of events found over this time period, as well as the range of IDs associated with an event.

b. Event Correlation List

Provides a list of correlated lane blocking events in which a crash occurs due to a primary event. Details for both the crash and primary event are outlined including date and time, location, and event type.

4. Report Field Definition:

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

Primary Event: Event which occurred first in correlation to events at same location.

Secondary Event(s): Event(s) which ensued primary event.

Event ID: Unique identification number associated with an event.

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

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

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

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).

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.).

Notifying Agency: Agency to be notified (FHP Troop F, D Arterial Operators, etc.).

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.).

Using DMS: Filter event property by usage of DMS.

Vehicle ID: Filter events by involved vehicle id.

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

Responding Agency: Agency that will respond (FHP, TMC-District 2, etc.).

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

Secondary Event: Filter secondary events which follow primary event.

6. Inclusion Criteria:

N/A

7. Database Tables and Fields:

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

EM_EVENT:

- **PRIMARY_EVENT_ID:** Unique identifier of primary 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_EVENTTYPE:

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

EM_LOCATION:

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

8. Appendix: Complete SQL Query:

```

FDOT.OWN.VW_RS_EVENT_RPETSELECT DISTINCT "ALIAS"."EVENT_ID",

SELECT DISTINCT "ALIAS"."EVENT_ID", "ALIAS"."EVENTTYPE_LONG_NAME",
"ALIAS"."LOCATION_DESC", "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"."INVOLVEDVEHICLE_IS_COMMERCIAL", "ALIAS"."INVOLVEDVEHICLE_VEHICLE_ID",
"ALIAS"."NOTIFIER_AGENCY_ID", "ALIAS"."USERERROR_CNT",
"ALIAS"."RESPONSEPLAN_DMS_NAME", "ALIAS"."SEVERITY_ID",
"ALIAS"."WRS_BLK_SHOULDERLANE_CNT", "ALIAS"."WRS_BLOCKAGE_DESC",
"ALIAS"."WRS_FULLCLOSURE", "ALIAS"."COUNTY_ID", "ALIAS"."REPORT_DATE",
"ALIAS"."REPORT_DOW", "ALIAS"."OWNEDBY_ORG_ID", "ALIAS"."RESPONDER_AGENCY_ID",
"ALIAS"."EVENTSTATUS_IS_VALID", "ALIAS"."ROADWAY_NUMBER",
"ALIAS"."HEAD_LOCATION_SORT_ORDER", "ALIAS"."DIRECTION_LONG_NAME",
"ALIAS2"."EVENT_ID", "ALIAS2"."EVENTTYPE_LONG_NAME", "ALIAS2"."LOCATION_DESC",
"ALIAS"."PRIMARY_EVENT_ID", "ALIAS"."WRS_BLK_LEFTTURNLANE_CNT",
"ALIAS"."WRS_BLK_RIGHTTURNLANE_CNT", "ALIAS"."ROADWAY_PARENT_NUMBER",
"ALIAS"."ATTRIBUTETYPE_ID_CSV", "ALIAS"."REPORT_DATE_UTC", "ALIAS"."REPORT_TIME",
"ALIAS"."DETECTED_DATE_UTC", "ALIAS2"."DETECTED_DATE_UTC", "ALIAS2"."REPORT_DATE_UTC",
"ALIAS"."BEAT_NAME", "ALIAS"."VEHICLE_ID"

FROM "CHSGDB81"."dbo"."VW_RS_EVENT_RPET" "ALIAS" INNER JOIN
"CHSGDB81"."dbo"."VW_RS_EVENT_RPET" "ALIAS2" ON
"ALIAS"."EVENT_ID"="ALIAS2"."PRIMARY_EVENT_ID"

WHERE "ALIAS2"."EVENTTYPE_LONG_NAME"='Crash'

ORDER BY "ALIAS"."EVENT_ID", "ALIAS"."PRIMARY_EVENT_ID", "ALIAS2"."EVENT_ID"

```