SunGuide®
Report Information

1. Report Name: Road Ranger Activity Details Report

2. Purpose of the Report:

   To provide information of Road Ranger activity in response to lane blocking events managed by FDOT.

3. Report Sections:

   The sections in the report provide an overall summary of the report generation, filter parameters selected in order to produce the Road Ranger Activity Details Report, as well as attributes associated with Ranger activities and the corresponding events.

   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. **Road Ranger Activity List**

      Provides a list of activities performed by an FDOT Road Ranger in response to an event. Ranger attributes are specified including vehicle used, driver, and activity. The corresponding event in which the Road Ranger is responding to is also detailed.

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.).

   Activity Date: Date and time Road Ranger Activity took place.

   Vehicle: Name of vehicle used by Road Ranger to assist with event.

   Driver: Type of driver associated with activity performed (driver, TruckDriver, emdriver, etc.).

   Activity: Activity performed by Road Ranger to assist with event (gas, deploy cones, tow, etc.).

   Report Date: Date and time Road Ranged activity was reported.

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).

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

Road Ranger Driver ID: ID/Number associated with Road Ranger.

Road Ranger Vehicle: ID/Number associated with vehicle used by Road Ranger.

Road Ranger Beat: Beat name covered by Road Ranger.

Road Ranger Activity: Activity performed by Road Ranger.

Procedural Error: Limit records in which Road Ranger error occurred.

6. Inclusion Criteria:

The event must meet the following criteria:

1. A vehicle that belongs to a road ranger agency must be dispatched to the event.

2. The road ranger vehicle must have performed an activity while arrived at the event.

3. The activity performed by the road ranger vehicle must not be "Void"

7. Database Tables and Fields:

The data in this report comes from the VW_RS_EVENT_DISPATCH_ACTIVITY 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_DISPATCH:

- **EVENT_DISPATCH_ID:** Unique identifier associated with dispatch activity.
- **VEHICLE_NAME:** Name of vehicle used during dispatch activity.
- **VEHICLE_ID:** Unique identifier associated with vehicle used.
- **BEAT_NAME:**
- **SYS_AGENCY_IS_ROADRANGER:** Is responding agency a road ranger? (TRUE or FALSE).

- **DRIVER_NAME:** Name of road ranger.
- **DRIVER_ID:** Unique identifier associated road ranger.

EM_EVENT_DISPATCH_ACTIVITY:

- **DISPATCH_ACTIVITY_ID:** Unique identifier associated with dispatch activity performed.
- **PERFORMED_DATE:** Datetime of dispatch activity.

EM_ACTIVITY:

- **LONG_NAME:** Description of activity performed.

EM_EVENTTYPE:

- **LONG_NAME:** Description of event.

EM_EVENT_PERFMEASD:

- **SEVERITY_ID:** Unique identifier associated with severity of event.
- **ROADRANGER_ASSISTED:** Indicates if road ranger assisted with event.

8. Appendix: Complete SQL Query:
FDOT_OWN.VW_RS_EVENT_DISPATCH_ACTIVITY

```
SELECT DISTINCT "ALIAS"."EVENT_ID", "ALIAS"."REPORT_DOW", "ALIAS"."EVENTTYPE_ID",
"ALIAS"."REPORT_TIME", "ALIAS"."PERFORMED_DATE", "ALIAS"."VEHICLE_NAME",
"ALIAS"."DRIVER_NAME", "ALIAS"."ACTIVITY_LONG_NAME",
"ALIAS"."DISPATCH_AGENCY_IS_ROADRANGER", "ALIAS"."EVENTTYPE_LONG_NAME",
"ALIAS"."BEAT_NAME", "ALIAS"."EVENT_DISPATCH_ACTIVITY_ID", "ALIAS"."ROADRANGER_ASSISTED",
"ALIAS"."SEVERITY_ID", "ALIAS"."DRIVER_ID", "ALIAS"."VEHICLE_ID", "ALIAS"."PERFORMED_DATE_UTC",
"ALIAS"."REPORT_DATE_UTC"

 FROM  VW_RS_EVENT_DISPATCH_ACTIVITY "ALIAS"

 WHERE  "ALIAS"."ROADRANGER_ASSISTED"=1 AND "ALIAS"."DISPATCH_AGENCY_IS_ROADRANGER"=1
AND "ALIAS"."EVENT_DISPATCH_ACTIVITY_ID" IS  NOT  NULL
```