Finished Reports Backend

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| **Report** | **Front end will pass the following** | **Parameter Format** |
| ITSO (OCC Ops) Report - EMAS Arterial Histories - ELS Log (STM)    API URL :  "/bis-elixir-report-document-ahlog" | Start Date - YYYYMMDD  End Date - YYYYMMDD  Start Time - HH24:MI  End Time - HH24:MI  Report Type - PDF , HTML , Excel | p\_startdate  p\_enddate  p\_starttime  p\_endtime  Mimetype    **Changed to**  p\_startdatetime  p\_enddatetime  p\_irtype  mimetype |
| ITSO (OCC Ops) Report - Histories - ELS Log (Expressway and Tunnel)(STM)    API URL :  "/bis-elixir-report-document-elslog" | Start Date - YYYYMMDD  End Date - YYYYMMDD  Start Time - HH24:MI  End Time - HH24:MI  Event Type - 0,2,3 | p\_startdate  p\_enddate  p\_starttime  p\_endtime  p\_irtype    **Changed to**  p\_startdatetime  p\_enddatetime  p\_irtype  mimetype |
| ITSO (OCC Planning) Report - Accident along Expressways (STM)    "/bis-elixir-report-document-accexp" | Report Date - YYYYMMDD  Report Type - PDF , HTML , EXCEL      Report Date – YYYYMM  Type Accident – Assist , MoveOff , All  Report Type - PDF , HTML , EXCEL | p\_startdate  Mimetype    **Changed to**  p\_startMM  p\_typeacc  mimetype |
| ITSO (OCC Planning) Report - All Accident and Breakdown Details for EMAS Arterial(STM)    /bis-elixir-report-document-accBrkEmas | Road Name  Road name from the DB  Start Date - YYYYMMDD  End Date - YYYYMMDD | p\_startdate  p\_enddate  p\_roadname |
| ITSO (OCC Planning) Report - All Accident and Breakdown Details for Expressway(STM)    path = "/bis-elixir-report-document-accbrkexp" | Expressway - Expressway from the DB  Start Date - YYYYMMDD  End Date - YYYYMMDD | p\_startdate  p\_enddate  p\_expressway |
| ITSO (OCC Planning) Report - EMAS Arterial Towing Services (STM) | Done (Not require as it had been done) | Done (Not require as it had been done) |
| ITSO (OCC Planning) Report - Expressway Towing Services (STM) | Done (Not require as it had been done) | Done (Not require as it had been done) |
| ITSO (OCC Planning) Report - LTM Overall EMAS Arterial Performance Report(STM)    "/bis-elixir-report-document-ltmemas" | EMAS Arterial  Corridors - Corridors form the DB  Start Date- YYYYMMDD  End Date - YYYYMMDD  Report Type - PDF , HTML , Excel | p\_arterial\_corridors  p\_startdate  p\_enddate  mimetype |
| ITSO (OCC Planning) Report - LTM Overall Expressway Performance Report(STM)    "/bis-elixir-report-document-ltmexpress" | EMAS Expressway from the DB  Start Date- YYYYMMDD  End Date - YYYYMMDD  Report Type - PDF , HTML , Excel | p\_expressway  p\_startdate  p\_enddate  mimetype |
| ITSO (OCC Planning) Report - No of Breakdown Vehicles (EMAS Arterial) (STM)     "/bis-elixir-report-document-brkvehemas" | Date -YYYYMMDD  EMAS Arterial - Road Name from DB  Report Type - PDF , HTML , Excel | p\_roadname  p\_startMM  mimetype |
| ITSO (OCC Planning) Report - No of Breakdown Vehicles (Expressways and Tunnels) (STM)    "/bis-elixir-report-document-brkvehexptun", | Date- YYYYMMDD  Towing Services - Services from the DB  Report Type - PDF , HTML , Excel | p\_startMM  p\_towingservices  mimetype |
| ITSO (OCC Ops) Report - EMAS Arterial Traffic Measures Curves(STM)  "/bis-elixir-report-document-emaexpstrafmeascurve" |  | p\_expressway  p\_direction  p\_startdate  p\_enddate  p\_starttime  p\_endtime  p\_inv  p\_measuretype |
| ITSO (OCC Ops) Report - Expressway Traffic Measures Curves (STM)    "/bis-elixir-report-document-emaexpstrafmeascurve" |  | p\_expressway  p\_direction  p\_startdate  p\_enddate  p\_starttime  p\_endtime  p\_inv  p\_measuretype |
| ITSO (OCC Ops) Report - Traffic alert log (STM)  "/bis-elixir-report-document-traffaletlog" |  | p\_startdate  p\_enddate  p\_starttime  p\_endtime  p\_roadtype  p\_alerttype  p\_equipment |

**Pending Report Backend**

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| ITSO (TOPL) Report - Fault Detector (STM) | Interval  Comparison of pervious | p\_inv  p\_comparison |
| ITSO (TOPL) Report - Junction Count Data (STM) | Junction Name  Juntion ID  Date | p\_junctionName  p\_junctionID  P\_startdate |
| TM Report - Annual average daily flow and peak hour report | Refer to the UI in FD  Option 1 will lead to another report   Year - YYYY  Predefine route - predefine route from the DB      Option 2 will lead to another report  Start Date - YYYYMMDD  End Date  - YYYYMMDD  Predefine route - predefine route from the DB  Peak - ALL , AM peak , Pm Peak , off peak | Refer to the UI in FD  Option 1 will lead to another report  p\_year  p\_route      Option 2 will lead to another report  p\_startdate  p\_enddate  p\_route  p\_period |