# 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"  Task-BIS-032 - Done | task-BIS-032 | p\_startdate  p\_enddate  p\_starttime  p\_endtime  p\_roadtype  p\_alerttype  p\_equipment |

# **Input parameter**

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"p\_direction": "1",

"p\_enddate": "20191012",

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"p\_expressway": "iyerrag",

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"p\_measuretype": "abcmeatype",

"p\_startdate": "20191010",

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"reportName": "EMASArterialTowingServices"

}

# R2 Release report

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| **Reports** | **Parameter** | **Input data** |
| Traffic alert log | p\_alerttype  p\_roadtype  p\_startdatetime p\_enddatetime  p\_equipment  p\_direction | task-BIS-032 |
| TM Report - Traffic Conditions in the Restricted Zone (STM) | p\_datasource  p\_zoneid  p\_startdate  p\_enddate  p\_starttime  p\_endtime  p\_day  p\_inv  p\_direction | task-BIS-056 |
| TM Report - EMAS Arterial Vehicle counts Reports (STM) | p\_roadname  p\_equipment  p\_measuretype  p\_inv  p\_fusiontype  p\_startdate  p\_enddate  p\_starttime  p\_endtime  p\_lanetype  p\_showir | task-BIS-059 |
| TM Report - EMAS Arterial Speed Reports (STM) | p\_roadname  p\_equipment  p\_measuretype  p\_inv  p\_fusiontype  p\_startdate  p\_enddate  p\_starttime  p\_endtime  p\_lanetype  p\_showir | task-BIS-062 |
| TM Report - EMAS Arterial Average Occupancy Reports (STM) | p\_roadname  p\_equipment  p\_measuretype  p\_inv  p\_fusiontype  p\_startdate  p\_enddate  p\_starttime  p\_endtime  p\_lanetype  p\_showir | task-BIS-065 |
| TM Report - EMAS Arterial Average Headway Reports (STM) | p\_roadname  p\_equipment  p\_measuretype  p\_inv  p\_fusiontype  p\_startdate  p\_enddate  p\_starttime  p\_endtime  p\_lanetype  p\_showir | task-BIS-068 |
| TM Report - Annual average daily flow and peak hour report | Already indicated in the previous email on 18/12/2019  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  task-BIS-071 |
| ITSO (TOPL) Report - Travel Time (STM) | p\_startdate  p\_roadname  p\_linkid  p\_predefineroutecheck  p\_predefineroute | task-BIS-074 |
| ITSO (TOPL) Report - Traffic Count Information – link (mid-block) (STM) | p\_startdate  p\_enddate  p\_countingstation  p\_measuretype  p\_day | task-BIS-077 |
| ITSO (TOPL) Report - Junction Count Data (STM) | Already indicated in the previous email on 18/12/2019  Junction Name  Juntion ID  Date | p\_junctionName  p\_junctionID  P\_startdate  task-BIS-080 |
| ITSO (TOPL) Report - Fault Detector (STM) | Already indicated in the previous email on 18/12/2019  Interval  Comparison of pervious | task-BIS-083  p\_inv  p\_comparison |
| ITSO (TOPL) Report - Arterial Road Network Performance Analysis (STM) | p\_startdate  p\_enddate  p\_capacity  p\_measuretype  p\_inv  p\_linkid | task-BIS-086 |
| ITSO (OCC Planning) Report - LTM Expressway Response Performance Report(STM) | p\_expressway  p\_startMM  p\_clr1  p\_clr2  p\_clr3  p\_clr4  p\_clr5  p\_rsp1  p\_rsp2  p\_rsp3  p\_rsp4  p\_rsp5  p\_startkm1  p\_startkm2  p\_startkm3  p\_startkm4  p\_startkm5  p\_endkm1  p\_endkm2  p\_endkm3  p\_endkm4  p\_endkm5  p\_mimetype | task-BIS-089 |
| ITSO (OCC Planning) Report - LTM EMAS Arterial Response Performance Report(STM) | p\_arterial\_corridors  p\_startMM  p\_clr1  p\_clr2  p\_clr3  p\_clr4  p\_clr5  p\_rsp1  p\_rsp2  p\_rsp3  p\_rsp4  p\_rsp5  p\_startkm1  p\_startkm2  p\_startkm3  p\_startkm4  p\_startkm5  p\_endkm1  p\_endkm2  p\_endkm3  p\_endkm4  p\_endkm5  p\_mimetype | task-BIS-092 |
| ITSO (OCC Planning) Report - KPI report – clearance and response time for LTM & VRS | p\_startdate  p\_enddate  p\_ltmvrstype | task-BIS-095 |
| ITSO (OCC Planning) Report - Expressway Late Response Cases (STM) | p\_expressway  p\_startMM  p\_currentweek  p\_clr1  p\_clr2  p\_clr3  p\_clr4  p\_clr5  p\_rsp1  p\_rsp2  p\_rsp3  p\_rsp4  p\_rsp5  p\_startkm1  p\_startkm2  p\_startkm3  p\_startkm4  p\_startkm5  p\_endkm1  p\_endkm2  p\_endkm3  p\_endkm4  p\_endkm5 | task-BIS-098 |
| ITSO (OCC Planning) Report - Expressway ELS- Other Information (STM) | p\_expressway  p\_startMM  p\_currentweek  p\_clr1  p\_clr2  p\_clr3  p\_clr4  p\_clr5  p\_rsp1  p\_rsp2  p\_rsp3  p\_rsp4  p\_rsp5  p\_startkm1  p\_startkm2  p\_startkm3  p\_startkm4  p\_startkm5  p\_endkm1  p\_endkm2  p\_endkm3  p\_endkm4  p\_endkm5 | task-BIS-101 |
| ITSO (OCC Planning) Report - EMAS Arterial Late Response Cases (STM) | p\_arterial\_corridors  p\_startMM  p\_clr1  p\_clr2  p\_clr3  p\_clr4  p\_clr5  p\_rsp1  p\_rsp2  p\_rsp3  p\_rsp4  p\_rsp5  p\_startkm1  p\_startkm2  p\_startkm3  p\_startkm4  p\_startkm5  p\_endkm1  p\_endkm2  p\_endkm3  p\_endkm4  p\_endkm5 | task-BIS-104 |
| ITSO (OCC Planning) Report - EMAS Arterial ELS- OTHER INFORMATION (STM) | p\_arterial\_corridors  p\_startMM  p\_clr1  p\_clr2  p\_clr3  p\_clr4  p\_clr5  p\_rsp1  p\_rsp2  p\_rsp3  p\_rsp4  p\_rsp5  p\_startkm1  p\_startkm2  p\_startkm3  p\_startkm4  p\_startkm5  p\_endkm1  p\_endkm2  p\_endkm3  p\_endkm4  p\_endkm5 | task-BIS-107 |
| ITSO (FC) Report - Equipment command log | p\_startdate  p\_enddate  p\_starttime  p\_endtime  p\_system  p\_subsystem  p\_operator | task-BIS-110 |
| ITSO (EPL) Report - Expressway Network Performance Analysis (STM) | p\_expressway  p\_direction  p\_startdate  p\_starttime  p\_endtime  p\_startpoint  p\_endpoint | task-BIS-113 |
| ITF Report - Abnormal volume report | p\_startdate  p\_enddate  p\_startime  p\_endtime  p\_roadname  p\_inv | task-BIS-116 |
| ITF Report - Abnormal speed report | p\_startdate  p\_enddate  p\_startime  p\_endtime  p\_roadname  p\_inv | task-BIS-119 |