

## EXHIBIT T

### SERVICE COMMENCEMENT PLAN

The Developer must prepare and submit for review and approval by the Department a Service Commencement Plan. This exhibit describes the requirements and content of the Service Commencement Plan.

Service Commencement shall be defined as the opening of the Project for normal and continuous operations and use by the traveling public, after occurrence of all the events and satisfaction of all the conditions therefor set forth in Section 8.08(c).

The Developer shall provide a Service Commencement Plan that defines and documents activities, organization, and coordination efforts that must be complete in order to open the facility to tolled traffic. The Service Commencement Plan will provide the schedule and phasing for opening roadway segments, or the entire facility, to tolled traffic. The Service Commencement Plan will address completion of civil infrastructure, start-up of tolling and traffic management systems, completion of required activities and approvals as described in the Agreement, and stand-up of organizational elements and procedures required to operate and maintain the facility in accordance with the Agreement.

The Service Commencement Plan shall be provided to the Department a minimum of three hundred and sixty-five (365) days prior to the anticipated Service Commencement. Service Commencement activities shall be included in the Baseline Schedule in accordance with Section 1.4 of the Technical Requirements. The Service Commencement Plan shall detail how the Project will achieve Service Commencement on or before the contractual completion date of the construction period. The Developer shall provide written notice to the Department no less than twenty-one (21) days prior to initiating the approved Service Commencement Plan. The Operations Performance Points Regime shall begin upon Service Commencement.

The Service Commencement Plan shall include, but is not limited to, the following elements:

1. A detailed narrative explaining how the Developer will conduct the entire process of testing and commissioning the Express Lanes;
2. A detailed schedule that demonstrates the Developer will commence the testing and commissioning process with sufficient time to allow the entire Express Lanes to achieve Service Commencement as expected;
3. A description of discrete activities that explains how the testing and commissioning process will proceed including all tests that must be performed, the test schema and performance measures, and a final report of test results. This will include a description of expected involvement and obligations of the Department. The Plan will describe specific inspections to be completed by the Department and how the Developer shall facilitate those inspections.

4. A description of the Systems Engineering Process and Configuration Management Process specific to achieving Service Commencement. This may be provided in the form of a Systems Engineering Report.
5. A listing of all approvals required by the Quality Management System Plan (QMSP) including all Hold and Witness Points, inspections, tests, and other QMSP functions;
6. A description of required Maintenance of Traffic planning needed to achieve Service Commencement including all lane closures needed to facilitate testing and commissioning;
7. A description of all Incident Management Plans, Protocols and Assets that must be in place for the safe and efficient operation of the facility upon Service Commencement. The Plan shall verify that all are in place in anticipation of Service Commencement.
8. A description of the Joint Operations & Maintenance Protocols that are in place between the Developer and the Department, or incorporation by reference of a separate document detailing same.
9. A description of required public involvement activities necessary to prepare the traveling public for the opening of the Express Lanes (note: this component is expected to be a part of the Project Development Plan "Communications Plan." Developer shall establish a formal Public Relations Program and Website at least 12 months prior to Service Commencement. The Service Commencement Plan shall verify that this requirement has been met.
10. An organizational structure that demonstrates the key Developer and Design-Builder staff directly engaged in the Service Commencement process including the direct lead for the Service Commencement process for the Developer;
11. A compliance checklist that demonstrates all requirements of the Agreement and Technical Requirements are achieved in order to satisfy the requirements for Service Commencement.

The Service Commencement Plan shall verify that the following requirements have been met, or shall demonstrate how the Developer will meet the requirements prior to Service Commencement:

1. Completed agreements between Developer and Department for Operations & Maintenance and Electronic Toll Collection, as specified in the Agreement.
2. The tolling systems shall be fully interoperable with the EZ Pass System.
3. A written Certificate of Service Commencement shall be obtained from the Department prior to actual Service Commencement.
4. All approvals from government and regulatory agencies have been obtained.
5. Developer has insurance in force as required by the Agreement.
6. A maintenance management system is in place and functional.
7. An annual budget for Operations & Maintenance has been submitted to the Department.
8. All lanes are in their final physical configuration.

9. All safety features as required by the Agreement and the Technical Requirements are installed.
10. All illumination is installed and working.
11. All signs and signals are installed and working.
12. There is no need for further Maintenance of Traffic for construction.
13. The Electronic Tolling and Traffic Management (ETTM) Systems is installed and working.
14. All civil infrastructure construction is complete.
15. Inspection by the Department is complete, and the Department is satisfied with results.
16. Developer shall be prepared to assume full responsibility for Operations & Maintenance for those items agreed to be the responsibility of the Developer in the Technical Requirements.
17. User Acceptance Testing shall be complete no less than thirty (30) days prior to Service Commencement.

The Developer shall notify the Department of the completion of all Express Lanes commissioning activities at least twenty-one (21) days prior to the anticipated Service Commencement. The Developer shall provide to the Department written certification that all conditions described in the Agreement, Exhibit T, and the Technical Requirements have been met pursuant to Service Commencement. The Service Commencement Certification from Developer shall attest to the operational readiness, certification, and completion of roadway infrastructure, staff operational readiness, successful completion of final system acceptance and user acceptance testing, system warranty and maintenance staff readiness, finance, and information technology readiness. The Service Commencement compliance checklist, as required by the Agreement, shall be submitted by the Developer to demonstrate that the facility is truly ready for Service Commencement.

### **Performance Tests**

Provided the Facility, including all civil works, traffic management and tolling field equipment, and software are capable of safe and continuous operation in accordance with the Standard of Care, the Operating Manual, the Performance Guarantees, the Technical Requirements, and the Agreement, subject to the approval of the Department, the Developer shall conduct Performance Tests, which tests shall include the Systems Integration Test and User Acceptance Test.

At least sixty (60) days prior to the date the Developer wishes to commence a Performance Test, the Developer shall provide to the Department for approval complete test scripts and schema developed in accordance with the Performance Testing and Commissioning Plan and Program. The Developer shall give the Department at least ten (10) Business Days prior written notice of the date on which the Developer intends to commence each Performance Test. A Performance Test shall consist of the operation of the ETTM System and other applicable systems necessary for operation of the Express Lanes in accordance with the Contract Documents and the Performance Testing and Commissioning Plan and Program, for a period of twenty-four (24) consecutive hours.

The Developer shall designate and make available qualified and authorized representatives to conduct and observe the Performance Tests and to monitor the taking of measurements to determine the level of achievement of the Performance Guarantees, all in accordance with the Agreement and the Performance Testing and Commissioning Plan and Program. The Department will witness and be included in such Performance Tests conducted for purposes of demonstrating effective information transfer across system interfaces. The Developer shall not attempt to perform a Performance Test if any Commissioning, start-up or initial test procedures have not been completed as required prior to the Performance Test or any aspect of the Project has not been completed sufficiently to assure the safe and continuous operation of all or any part of the Project during the Performance Test in accordance with the Standard of Care, the Operating Manual, the Agreement, and the Performance Testing and Commissioning Plan and Program.

### **Completed Performance Tests**

The Developer shall provide all successfully completed Performance Tests in written reports with test results. Test Reports shall include: Factory Acceptance Test, System Integration Test, and User Acceptance Test. The Department must approve the results of all Performance Tests for the Developer to achieve completion and Service Commencement approval.