

*EXECUTION VERSION*

**I-95 Express Lanes - Opitz Boulevard Ramp  
("Opitz") Project**

**Exhibit C-6**

**Technical Requirements**

**Attachment 1.3**

**Project Development Plans**

# 1 Project Development Plans

## General

- a) The general requirements for Project Development Plans (PDPs) are noted in Section 1.3 of the Technical Requirements.
- b) The PDPs shall comply with the requirements of the Agreement including the Technical Requirements, and shall ensure that when implemented, the Work covered by the Plans will comply with such requirements.

## 1.1 Concessionaire Management Plan

- a) The purpose of the Concessionaire Management Plan is to provide the Department with a clear view of the Project management approach undertaken by the Concessionaire for all aspects and tiers of the Project. It shall clearly identify responsibilities and procedures for each Project management activity and demonstrate a thorough understanding of the Agreement and Project requirements.
- b) The Concessionaire Management Plan shall reference and consider all other PDPs and link their relevance to each other and to the overall quality management system.
- c) The Concessionaire Management Plan shall include an organization chart outlining the basic structure of the Concessionaire's Project organization including well defined roles for the design, construction, operations and maintenance; sub-organizations (such as consulting, subcontractors, suppliers) and a description of the roles; relationship with the Department, and third parties.
- d) The Concessionaire Management Plan shall be linked to the QMSP.

## 1.2 Document Management Plan

- a) The Document Management Plan will define the document management approach for all Project documentation and will address:
  - i. the document management system;
  - ii. document management procedures;
  - iii. requirements for records retention;
  - iv. electronic data transmission, storage and sharing;
  - v. a logical, auditable and Project-compatible tracking system of all Project correspondence and documents for all phases of the Project.
- b) The Document Management Plan shall clearly define document management applicable to all aspects of the Project-management structure, tracking, updates, originator/recipient, document approvals tracking, searchable database, links amongst various documents, and electronic filing.

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- c) The Document Management Plan shall be appropriately structured to consider roles and participation by the Department, the Lender's Independent Engineer, Concessionaire, and third parties participating and having input regarding the Project.
- d) The Plan shall also provide for electronic data management and storage, and electronic access to project documents remotely, with the required electronic security procedures.
- e) The Document Management Plan shall be linked to the QMSP.

### 1.3 Quality Management System Plan

- a) The Quality Management System Plan (QMSP) will define the quality management systems during the design and construction. The Concessionaire shall or shall cause to be completed all quality assurance and quality control activities required to manage its own processes as well as those of its Contractors, and suppliers of any tier.
- b) The QMSP shall be fully compliant with the Department's *Minimum Requirements for Quality Assurance & Quality Control on Design-Build & Public-Private Transportation Act Projects (July 2018)*.
- c) The QMSP shall describe the system, policies, and procedures that address the Work required, delivering the Project and providing documented evidence that the Work is performed in accordance with the Agreement.
- d) The QMSP shall describe procedures for ensuring that materials used throughout the Work conform to the requirements of the Agreement.
- e) The QMSP shall include a list of Work elements for which the geotechnical engineer or their qualified designated representative is required to monitor/inspect during construction, as described in Section 3.4 of the Technical Requirements.
- f) The QMSP shall include an escalation ladder detailing the roles, responsibilities, and timelines for issue resolution.

### 1.4 Design Quality Management Plan

- a) The Design Quality Management Plan (DQMP) will provide the organization, relationship and procedures that define clear lines of responsibility and well defined approach for the Concessionaire's development of design plans and submittals.
- b) The DQMP shall be fully compliant with the Department's *Minimum Requirements for Quality Assurance & Quality Control on Design-Build & Public-Private Transportation Act Projects (July 2018)*.

### 1.5 Construction Quality Management Plan

- a) The Construction Quality Management Plan (CQMP) will define the construction approach and activities for the construction of the Project.

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- b) The CQMP shall be fully compliant with the Department's *Minimum Requirements for Quality Assurance & Quality Control on Design-Build & Public-Private Transportation Act Projects (July 2018)*.

### 1.6 Environmental Management Plan

- a) The Concessionaire shall develop and implement a thorough approach to environmental management. The Concessionaire shall or shall cause to be maintained and updated an Environmental Management Plan that shall include:
  - i. procedures and a contingency plan (emergency response plan) for reporting, immediate actions, and Remedial Actions to be taken in the event of a potential environmental permit violation, dump, discharge, or spill of Hazardous Substances, including, as required by Law, the development and implementation of a Spill Prevention, Control and Countermeasures (SPCC) plan(s);
  - ii. plans for investigation, handling, monitoring, discharge, release, storage, removal, remediation, transportation, tracking, reporting, and other disposition of any Hazardous Substance encountered or used on the Project, whether or not the presence of such Hazardous Substances constitutes a Hazardous Environmental Condition;
  - iii. plans for initiating Remedial Actions in respect of any Hazardous Substances encountered on or used on the Project that constitute or could reasonably be expected to constitute a Hazardous Environmental Condition;
  - iv. procedures for coordination with the Department and other emergency response-related agencies and organizations;
  - v. procedures for submission of "incident" reports for releases of Hazardous Substances;
  - vi. copies of any environmental site assessments undertaken; and
  - vii. for any property proposed for acquisition which contains, or could reasonably be expected to contain, a Hazardous Environmental Condition attributable to Known Pre-Existing Hazardous Substances, the appropriate plan for containment, management, mitigation, and/or remediation.

### 1.7 Right of Way (ROW) Acquisition Plan

- a) The ROW Acquisition Plan will define the approach to acquisition of the Project ROW and will address:
  - i. the roles and responsibilities of the Concessionaire and the Department for ROW acquisition;
  - ii. the ROW acquisition process and procedures;
  - iii. applicable guidelines and Laws;

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- iv. the ROW acquisition services;
- v. coordination with the Department and property owners;
- vi. ROW acquisition costs management;
- vii. the use of RUMS;
- viii. the utility acquisition and relocation schedule;
- ix. environmental concerns;
- x. document management; and
- xi. linkage with other relevant PDPs and the QMSP.

**1.8 Not Used**

**1.9 Maintenance of Traffic (MOT) Plan**

- a) The Concessionaire shall develop a MOT Plan that considers the impact of construction activities on the access and egress of traffic to the I-95 Corridor within the immediate construction zone and provide for a proactive approach to address the impact of such activities on the traveling public and transit providers.
- b) The MOT Plan shall be consistent with the Opitz Project TMP, as defined in Section 1.9 of the Technical Requirements.
- c) The MOT Plan shall include:
  - i. emergency access plans for first responders and facilities such as hospitals, police stations, and fire stations;
  - ii. incident management coordination with the Department;
  - iii. coordination with the Communications Plan for the dissemination of construction-related communications;
  - iv. a description of the process to be used for ongoing reviews of active work zones;
  - v. a description of the process to ensure all persons responsible for design, implementation, and inspection of work zone traffic controls are trained adequately; and
  - vi. coordination with other relevant PDP.

**1.10 Not Used**

**1.11 DBE/SWaM Plan**

- a) The DBE/SWaM Plan will define the approach to meet the DBE/SWaM participation goal and will address:
  - i. the proposed method to achieve the DBE/SWaM participation goal or demonstrate a good faith effort to meet the goal;

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- ii. a proactive DBE/SWaM outreach program for DBE/SWaM participation;
- iii. on-going tracking of efforts and corrective actions required and how they have been met; and
- iv. reporting and documentation mechanism.

**1.12 Health, Safety and Security Plan**

- a) The Health, Safety and Security Plan will define the health, safety and security activities required during the design and construction of the Project and will address:
  - i. the health and safety policy for the Project;
  - ii. the health and safety goals for the Project;
  - iii. the organization and responsibilities of the various positions related to health, safety and security;
  - iv. construction occupational health and safety;
  - v. the Project health and safety rules and regulations;
  - vi. site security;
  - vii. documented procedures on meeting the health and safety requirements for the Concessionaire and its Contractors and suppliers;
  - viii. on-going tracking of efforts and corrective actions required and how they have been met;
  - ix. reporting and documentation mechanism;
  - x. linkage to other relevant PDPs and the QMSP.

**1.13 Not Used**

**1.14 Not Used**

**2 Not Used**