PIP900-1: CONSTRUCTION MANAGEMENT PLAN GUIDANCE

Topic	Related Envision Credit
CONSTRUCTION MANAGEMENT PLAN • The Contractor should develop a comprehensive **construction management plan** that address all project's construction impacts: ○ Noise, vibration control, lighting requirements and limitations to reduce light spillage during night-time; safety/wayfinding, as well as alternative modes of access to reduce road traffic due to construction vehicles and materials to be brought on site. • Construction Management Plan shall include, at minimum, the following:	QL1.6A
CONSTRUCTION IMPACTS	QL1.6
Noise and/or Vibration • Outline the anticipated noise and/or vibration impacts and describe the approach to minimize impacts to the extent feasible. Include details on the expected sources of significant noise and/or vibration, who/what they may impact, how the effects will be minimized, how noise and vibration will be monitored, and what corrective actions will be taken if specified levels are exceeded. • Note any local construction noise and/or vibration ordinance(s), and how plans for minimizing construction noise and vibration will meet or exceed local requirements. • Confirm and provide evidence that a **construction noise management plan** is in place. This plan should include stakeholder engagement and mechanisms for communities to report complaints. Explain how corrective actions applied in response to stakeholder reporting will be recorded and/or documented.	QL1.6B
Safety and Wayfinding • Outline how the Contractor will address safety and wayfinding for pedestrians and vehicles during construction. This should include the project site, as well as entering/leaving the site or any adjacent spaces that would be impacted. • Confirm and provide evidence that a **Temporary Traffic Control Plan** has been developed. • Confirm and provide examples of related signage. ***If SCDOT has requirements and procedures that should be followed, those should be stated here.*	QL1.6C
Maintaining Access to Public Space and Amenities • Describe any public space(s) or amenities that are near the project site that could be impacted by construction activities, including construction traffic. • Outline strategies the Contractor will use to: ○ Limit disruption and maintain access to public space and amenities during construction within the boundaries of safety	QL1.6D

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○ Limit interruption of service ○ Limit restrictions to public space and amenities • Provide evidence of stakeholder understanding and acceptance of construction impacts to public space/amenities, specifically access, during construction, if relevant.	
Construction Lighting • Outline how the Contractor will minimize distracting or intrusive lighting during construction – for nighttime or winter (low light) work. • Note any local construction lighting ordinance(s), and how plans for minimizing construction lighting will meet or exceed local requirements.	QL1.6E
Feedback Mechanism • Describe how the Contractor will work with affected neighbors to develop construction plans. • Outline feedback mechanism(s) that will be used for receiving and responding to public and stakeholder concerns during construction. • Describe how the Contractor will monitor feedback and provide details about corrective action programs. • Outline programs to inform impacted stakeholders on project performance in addressing construction impacts.	QL1.6F
CONSTRUCTION SAFETY This information can be included in the CMP or a separate **Construction Safety Plan**, including:	QL1.3
Monitoring and Improving Health and Safety • Describe the Contractor's commitments to safety and that it is a core concern. • Outline how the Contractor will implement a proactive safety rewards program to support outstanding safety performance. • Outline programs/requirements to ensure that subcontractors maintain a high level of safety per the contract. • Describe how the Contractor's senior managers are engaged in the project safety program and conduct safety observations and inspections as part of their standard duties.	QL1.3A
Feedback Mechanism • Outline the Contractor's investigative process, focusing on root cause and corrective actions vs. disciplinary actions and financial penalties. • Describe Contractor's proactive injury management system that supports efficient, effective, and timely treatment of their employees injured on the job site.	QL1.3B

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• Outline Contractor's incident review process, including how it involves all levels of management to validate corrective measures to minimize future injuries and incidents on the job site • Provide information describing how the Contractor develops “lessons learned” reports and how that information is conveyed to other Contractors and/or projects to implement processes and procedures to minimize similar incidents in the future.	
Safety or Security Training • Outline safety and/or security competency training programs for field personnel, including type of training provided and how they specifically target health and safety. Training may include task-specific safety training or general awareness training. • Describe minimum training requirements for health and safety programs such as occupational safety and health, first aid, CPR, emergency response, active shooter training, or equivalent.	QL1.3C
Comprehensive Security Plan • Confirm and provide evidence that a specific **site and project security plan**, separate from the CMP, is in place. This plan may include, but is not limited to, Contractor background checks on personnel working on the project, and 24-hour security monitoring on the project (physical/electronic).	QL1.3D
TRAINING • Summarize and provide evidence of contractor/construction training programs associated with the project outside of required safety training.	LD3.2
USE RECYCLED MATERIALS Project goal is at least 25% of recycled materials including materials with recycled content and/or reused existing structures or materials. • Confirm understanding of the project’s recycled material goals and compliance with documentation/submittal requirements, including cut sheets of recycled content materials and **spreadsheet with calculations** recording the amount of recycled-content or reused materials.	RA1.2
CONSTRUCTION ENERGY REDUCTION • Outline two energy conservation strategies and how the Contractor intends to implement each during construction. • Outline how implementation will meet related percentage reduction goals, as outlined in the Envision Guidance Manual. • Summarize how strategies will be monitored, measured, and documented through construction.	RA2.2 2 strategies
CONSTRUCTION WASTE MANAGEMENT PLAN The project has set a target goal for construction waste diversion, for at least 75% of waste materials to be recycled, reused, and/or salvaged. Diversion may	RA1.4 *Can be submitted as a separate*

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be a combination of waste-reduction measures and sourcing waste to other facilities for recycling or reuse. • Confirm and provide a **construction waste management plan**, separate from the CMP, including submittal/reporting mechanism to provide evidence of implementation. • Maintain **Construction Waste Diversion Summary calculations** showing the amount of waste that is recycled, reused, or salvaged. • Submit load tickets from landfill, recycling center and salvage facility. The construction waste management plan should include: • The waste diversion target (75%) and methodology to reach the target. • A general description of each type/category of construction and demolition materials generated, location of receiving agent, and quantity of waste diverted (by category) in weight (tons) or volume (cubic yards/meters). • Plan for submitting calculations of total waste reduction measures and percentage of materials diverted to recycling or reuse. The percentage of diverted waste should be calculated as the ratio of material diverted from landfills against the total waste generated during construction. Calculations may be done by weight (tons) or volume (cubic yards/meters) but must remain consistent. • Waste deemed hazardous should not be included in the total waste calculations and should be disposed of according to local, state/ provincial, and federal law.	*document and referenced in CMP*