|  |  |
| --- | --- |
| Quality Control Plan | |
| Contract Number |  |
| Project / Route |  |
| Mile Post |  |
| Submittal Date |  |
| Prime Contractor |  |
| Sub-Contractors |  |

**Endorsement**

This plan must be approved by the Contractor’s Quality Representative or Project Manager to comply with the plans, specifications, and special provisions for production of PCC during construction activities.

**Contractor’s Quality Representative (QR)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Print Name | Title | Company | Phone | Email |
|  |  |  |  |  |

|  |  |
| --- | --- |
| Signature | Date |
|  |  |

**PCC QC Manager**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Print Name | Title | Company | Phone | Email |
|  |  |  |  |  |

|  |  |
| --- | --- |
| Signature | Date |
|  |  |

By checking this box, I certify this plan has been approved by the Contractor’s Quality Representative or Project Manager and the PCC QC Manager.

### Section 1. Quality Control Plan at the Jobsite

This Quality Control plan explains the control for the equipment, materials, and production methods to ensure the specified product is provided for these contractors and subcontractors:

*Subcontractor A – ABC Testing, Subcontractor B – XYZ Testing*

*Ex. Concrete Contractor – ABC Testing,*

|  |  |  |
| --- | --- | --- |
| Field Office | | |
| Location | Contact Person | Telephone Number |
|  |  |  |

In the event of field equipment failure, backup equipment will be provided by:

The Quality Control Manager responsible for overall project quality control:

The Level II or higher PCC Technician who will be responsible for plant mixture control and adjustment:

A Level I or higher PCC Technician will be responsible for jobsite mixture control.

|  |  |  |  |
| --- | --- | --- | --- |
| Field Quality Control Personnel | | | |
| Individual’s Name | IDOT Certification Level | Company Name | Telephone Number |
|  |  |  |  |
|  |  |  |  |

\*Attach a full Personnel list, as an alternative to filling out the table.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Sampling and Testing | | | | |
| Size of Cylinders? | Initial Curing Method | Final Curing Method | Final Curing / Testing Location | Breaker Machine Calibration Letter Attached |
|  |  |  |  |  |

ACI certified Strength Technician responsible for breaks:

Breaker machines shall have digital printout capability.

|  |
| --- |
| Failing Tests and Defective Work |
| Indicate the communication procedures between the Concrete Producer, the Contractor, and Department personnel in the event of failing tests or observation of defective work. This may also be in flow chart form. |
|  |

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| --- |
| Field Documentation |
| Indicate the forms, the bound hardback field books, or bound hardback diaries that will be used to maintain documentation at the jobsite. |
|  |

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| --- |
| Pre-Pour Meeting |
| Indicate when a bridge deck pre-pour meeting will be scheduled. Meetings for other important pours are encouraged. |
|  |

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| --- |
| Concrete Placement in Extreme Temperatures |
| Cold Weather Placement: Fill out Form A-72. |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Mix Design Matrix | | | | | |
| Contractor | Pay Item | Description with Placement | Concrete Class | Producer | Mix Design Number |
| Attach the Mix Design(s) per Pay Item Matrix for the contract. | | | | | |

### Section 2. Quality Control Annual Plan at the Concrete Plant

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Quality Control Plan at the Concrete Plant | | | | | | |
| Primary / Backup | Producer / Supplier Number | Concrete Producer | Address | Plant Source Sheet Attached | NRMCA Approval Letter Attached | IDOT QC Annual Plan at the Plant Letter Attached |
|  |  |  |  |  |  |  |
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| --- |
| Delivery Ticket Information |
| Indicate what delivery tickets will be utilized for this product. (Printed or E-ticketing) |
|  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Quality Control at the Concrete Plant | | | | |
| Contractor | Producer Number | Producer Name | QC Personnel | QC Telephone Number |
|  |  |  |  |  |
|  |  |  |  |  |

|  |  |
| --- | --- |
| Hot Weather Production Modification | |
| Concrete Producer | Temperature Adjustment Method |
|  |  |
|  |  |