

**Certification of Precast Concrete Barrier**  
 (This form replaces ITD-0851 for Precast Concrete Barrier)



Key Number	Project Number	Project Name	
Item Number	Date Concrete Placed	Quantity Placed (CY)	Length Completed (FT)

**Concrete Mix Design**

Mix Design Number	Supplier			Concrete Class	w/c max. by mass
Material	SSD Mix Design (1 CY)	Relative Density (SG)	Volume (CF)	Source (or manufacturer)	Description (size, type, brand or class)
Coarse Agg 1					
Coarse Agg 2					
Fine Agg 1					
Fine Agg 2					
Water					
Cement					
Fly Ash					
SCM					
Admixture #1					
Admixture #2					
Admixture #3					
Admixture #4					
w/cm ratio			<del> </del>	<del> </del>	<del> </del>
Air Content (%)			<del> </del>	<del> </del>	<del> </del>
Max Theoretical Density (lb/ft <sup>3</sup> )			<del> </del>	<del> </del>	<del> </del>
Yield			<del> </del>	<del> </del>	<del> </del>

-Attach concrete cylinder test reports.  
 -Attach ASR test results and mitigation results if aggregate requires ASR mitigation.

**Concrete Test Results from Batching**

Metric	Results from Batching
Unit Weight (pounds per cubic foot)	
Air Content (%)	
Yield	
Average Compressive Strength (psi)	

**Reinforcing Steel** - Attach mill test reports and ITD-0914.

**MASH Certification** – The ITD standard drawing for concrete barrier depicts a barrier that has been tested and passed MASH testing requirements. The barrier must be constructed according to the requirements of these standard drawings and specifications, or it is not acceptable.

**Material Certifications and Test Reports**

The manufacturer or fabricator company furnishing this certification must also provide to ITD any certifications or test reports for the materials used in the manufacturing or fabrication of the contract item as required by the specifications. The quantity listed must represent the amount delivered to the project and be listed in the same work units as the contract item where possible.

**Manufacturer’s Certification**

I hereby certify that the precast concrete barrier was constructed per the requirements of standard drawing 612-18 and Sections 612 of the \_\_\_\_\_ (year) version of Standard Specifications for Highway Construction and the \_\_\_\_\_ (year) version of the Standard Supplementals. I further certify the required quality control testing was performed and are attached.

Concrete Barrier Supplier	Manufacturer’s Representative Signature	Date
Manufacturer’s Representative (Print Name)	Title	

Note: The document must be signed by manufacturer’s representative who has quality control responsibility for the manufacture or fabrication of material (QA Manual 230.01).

*This certificate is not valid if not signed by a person having quality control responsibility.*

To be completed by the contractor:

Date Barrier Placed	Quantity Placed (FT)	Location Placed