

Evaluation Table

PEP ID:	503 Catch Basin, Median Dyke
Manufacturer:	
Product Name:	

503 Culverts and Drainage Structures

503 Catch Basin: Median Dyke

ADOT Standard Specification: 503-3.01, 604-3.06, 1006-3.01

ADOT Standard Drawing: C-15.90

Responsible Section: Roadway Group

Product Property	Specification/ Test Method	Requirement	Results	Pass/ Fail
General	C-15.90	Precast units shall conform to the measurements detailed in Standard Drawing C-15.90.		
Minimum 28-Day Compressive Strength Required: psi	C-15.90 1006-3.01	4,000		
Hydraulic Cement Content: lbs. per yd ³	C-15.90 1006-3.01	520-752		
Maximum Water-Cementitious Material Ratio (w/cm): lb./lb.	C-15.90 1006-3.01	0.55		
Paint	C-15.90	The completed grate shall be given one shop coat of Number 1 paint.		
Welding	C-15.90 604-3.06	All welding, except for tubular structures, shall be performed in accordance with the requirements of the most recent edition of the ANSI/AASHTO/AWS Bridge Welding Code. The use of electro-slag welding process on structural steel will not be permitted. Welding of Fracture Critical Members (FCMS) shall be performed in accordance with the AASHTO Guide Specifications for Fracture Critical Non-Redundant Steel Bridge Members, 1978, revised to date.		
Catch Basins	503-3.01	Catch basin grates and frames shall be fabricated so that the bearing surfaces of the grate rest securely on the bearing surfaces of the frame.		

Last Modified: 7/11/2023