

Sheet: _____
 Highway No.: _____
 Date: _____
 Company: AECOM

	Initials	Date
Prepared By:	MR	6/23/2026
Checked By:	AJCE	6/7/2026
Revised By:	IW	9/9/2026
Backchecked By:	AJCE	9/17/2026

Unit: CY

ITEM 580.01 (CY)									
REMOVAL OF STRUCTURAL CONCRETE									
	AREA FROM CAD (SF)	DEPTH (FT)	VOLUME (CF)						CY
Begin Abutment Stage 1									
Backwall	146.2	1.66666667	243.67						9.0
Bridge Seat	41.8	2.38	99.28						3.7
BAL WW	57	2.00	114.00						4.2
Begin Abutment Stage 2									
Backwall	102.6	1.66666667	171.00						6.3
Bridge seat	27.6	2.38	65.55						2.4
Begin Abutment Stage 3									
Backwall	105.5	1.66666667	175.83						6.5
Bridge seat	24.3	2.38	57.71						2.1
End Abutment Stage 1									
Backwall	148.3	1.66666667	247.17						9.2
Bridge Seat	39.8	2.38	94.53						3.5
EAL WW	52.8	2.00	105.60						3.9
End Abutment Stage 2									
Backwall	102.8	1.66666667	171.33						6.3
Bridge seat	26	2.38	61.75						2.3
End Abutment Stage 3									
Backwall	105.7	1.66666667	176.17						6.5
Bridge seat	22.6	2.38	53.68						2.0
	AREA FROM CAD (SF)	PEDESTAL DEPTH (FT)	VOLUME (SF)	VOLUME (CY)		Volume Below Peds			
Pier 1 Stage 1	26.2	3.83	100.24	3.71		0.4			
Pier 1 Stage 2	15.9		60.95	2.26		0.3			
Pier 1 Stage 3	11.9		45.73	1.69		0.3			8.7
Pier 2 Stage 1	24.6		94.11	3.49		0.4			
Pier 2 Stage 2	14.8		56.62	2.10		0.3			
Pier 2 Stage 3	10.8		41.36	1.53		0.3			8.1
Pier 3 Stage 1	24.5		93.92	3.48		0.4			
Pier 3 Stage 2	14.7		56.24	2.08		0.3			
Pier 3 Stage 3	10.8		41.36	1.53		0.3			8.1

580-4.02 Removal of Structural Concrete. The quantity to be measured for payment will be in cubic yards measured to the nearest 0.1 cubic yards of concrete removed.

TOTAL: 92.8

PIN:	TANY 26-23B
BIN:	5514049
Project:	GSP Connector over NYS Thruway Village of Chestnut Ridge, Rockland County, NY AECOM Project #: 60699669

Subject: Quantity Cost Take-Off Calculations
Dsgn. Phase: PSE Plans

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Item:	580.01	REMOVAL OF STRUCTURAL CONCRETE
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	Added for unanticipated field conditions:	0.0
	SAY:	92.8