## Appendix F

Trip Generation Estimates

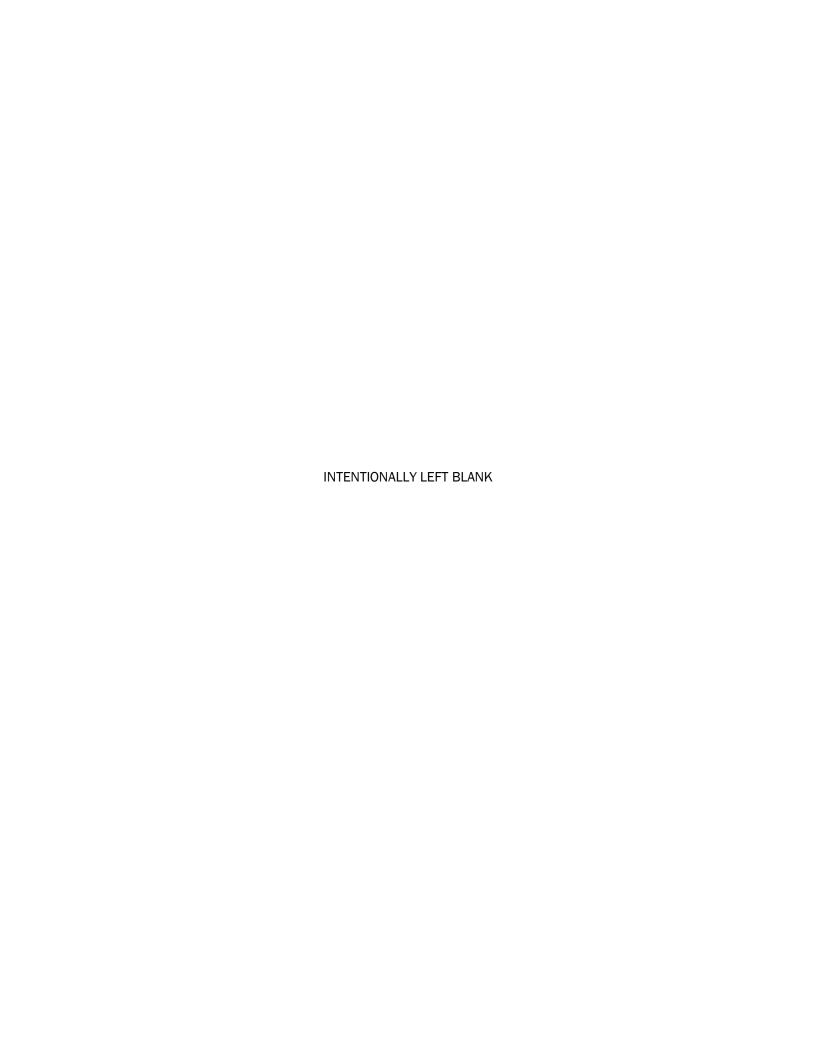


Table 1
Peak Day Construction Trip Generation Estimates

Vehicle Type	Daily Quantity		Daily Trips <sup>1</sup>		AM Peak Hou			PM Peak Hou	r
			July Ilipa	In	Out	Total	In	Out	Total
Cofferdam and Temporary Stre	am Bypass Sy	rstem							
Pipe Installation (Non-PCE Trips)						_			
Construction Workers	5	workers trucks	10 0	5 0	0	5	0	5	5 0
Vendor trucks Haul trucks	0	trucks	0	0	0	0	0	0	0
Haui trucks	0	Pipe Installation	10	5	0	5	0	5	5
Pipe Installation (PCE-Adjusted To	rins)	r ipe installation	10	<u> </u>		J	U	J	
Construction Workers	5	workers	10	5	0	5	0	5	5
Vendor trucks	0	trucks	0	0	0	0	0	0	0
Haul trucks	0	trucks	0	0	0	0	0	0	0
	Pipe	Installation (PCE)	10	5	0	5	0	5	5
New Coanda Screen Intake and	Valve Vault S	tructures		-		-	-		
Excavation (Non-PCE Trips)									
Construction Workers	1	workers	2	1	0	1	0	1	1
Vendor trucks	0	trucks	0	0	0	0	0	0	0
Haul trucks	1	trucks	2	1	0	1	0	1	1
		Excavation	4	2	0	2	0	2	2
Excavation (PCE-Adjusted Trips)	,								
Construction Workers	1	workers	2	1	0	1	0	1	1
Vendor trucks	0	trucks	0	0	0	0	0	0	0
Haul trucks	3	trucks	6	3	0	3	0	3	3
D # 14 / #: -		Excavation (PCE)	8	4	0	4	0	4	4
Doweling and Anchorage (Non-Po						, 1	-		
Construction Workers	1	workers	2	1	0	1	0	1	1
Vendor trucks	0	trucks	0	0	0	0	0	0	0
Haul trucks	Dowellin	trucks	0	0	0	0	0	0	0
Downling and Anaharras (DOE 4		ng and Anchorage	2	1	0	1	0	1	1
Doweling and Anchorage (PCE-A	i ''	workers	۱ ، ۱	4	_ ^ I	1	0	4 1	- 1
Construction Workers Vendor trucks	0	workers trucks	0	0	0	0	0	0	0
Haul trucks	0	trucks	0	0	0	0	0	0	0
		Anchorage (PCE)	2	1	0	1	0	1	1
Installation of Rebar and Pouring		- ' '	2	- 1	U	1	U		,
Construction Workers	5	workers	10	5	0	5	0	5	5
Vendor trucks	0	trucks	0	0	0	0	0	0	0
Haul trucks	2	trucks	4	2	0	2	0	2	2
		Pouring Concrete	14	7	0	7	0	7	7
Installation of Rebar and Pouring			.,,			,	•		
Construction Workers	5	workers	10	5	0	5	0	5	5
Vendor trucks	0	trucks	0	0	0	0	0	0	0
Haul trucks	6	trucks	12	6	0	6	0	6	6
Installation of Re	bar and Pourin	g Concrete (PCE)	22	11	0	11	0	11	11
Installation of Coanda Screen and									
Construction Workers	1	workers	2	1	0	1	0	1	1
Vendor trucks	0	trucks	0	0	0	0	0	0	0
Haul trucks	1	trucks	2	1	0	1	0	1	1
Installation of	Coanda Scree	n and Valve Vault	4	2	0	2	0	2	2
Installation of Coanda Screen and	Valve Vault (F	CE-Adjusted Trips	;)						
Construction Workers	1	workers	2	1	0	1	0	1	1
Vendor trucks	0	trucks	0	0	0	0	0	0	0
Haul trucks	3	trucks	6	3	0	3	0	3	3
Installation of Coand	la Screen and	Valve Vault (PCE)	8	4	0	4	0	4	4
Electrical Installations									
Electrical Conduit Installation (Nor		_							
Construction Workers	1	workers	2	1	0	1	0	1	1
Vendor trucks	1	trucks	2	1	0	1	0	1	1
Haul trucks	0	trucks	0	0	0	0	0	0	0
Florida 100 101 100 100		Conduit Installation	4	2	0	2	0	2	2
Electrical Conduit Installation (PC		<u> </u>	1 6 1			,			
Construction Workers	1	workers	2	1	0	1	0	1	1
Vendor trucks	2	trucks	4	2	0	2	0	2	2
Haul trucks	0 Octobral Conduit	trucks	0	0	0	0	0	0	0
		Installation (PCE)	6	3	0	3	0	3	3
Access Stairs and Riprap Aprol Access Stairs (Non-PCF Trips)	,								
Access Stairs (Non-PCE Trips)		workers		A	1 0	A	^		
Construction Workers	4	workers	8	4	0	4	0	4	4
Vendor trucks	1	trucks	2	1	0	1	0	1	1
Haul trucks	1	trucks Access Stairs	2	1	0	1	0	1	
Access Stairs (PCE-Adjusted Trip	ie)	Access Stairs	12	6	0	6	0	6	6
Construction Workers	4	workers	8	4	0	4	0		4
	2	trucks	4	2	0	2	0	2	2
		I u uono	+	4	U U				
Vendor trucks	1	trucke	ء ا	2	Λ .	2 1	Ι Λ	1 2 1	
	3	trucks	6	3 q	0	3	0	3	3
Vendor trucks	3	trucks cess Stairs (PCE) Project Total	6 18 <b>50</b>	3 9 <b>25</b>	0 0 <b>0</b>	9 25	0 0 <b>0</b>	3 9 <b>25</b>	9 25

Source: Dudek 2020

Notes: PCE - Passenger Car Equivalents

Daily trips represent the number of trips to and from the project site (i.e., two trips represents one vehicle traveling to the work area and leaving the work area)

