

**Table 3.7-1
Estimated Construction Equipment Usage**

	Structure site development, grading, including access roads				Foundations										Structures				Install Conductor		Boulevard Underground				Test, Energize, Cut-over	
Description	Access road, pad and pull site grading		Grading Erosion Control		Auger Foundation (standard)		Auger Foundation (micropile)		Install Foundation (standard)		Install Foundation (micropile)		Foundations Erosion Control		Install Steel Poles (includes Cable Pole)		Structure Erosion Control		Install OH Conductor		Install Duct Packages and Vaults		Install UG Conductors		Test, Energize, Cut-over	
Schedule Days	55		15		73		73		73		73		15		73		15		44		16		40		22	
Schedule Dates	4/28/14 - 7/11/14		6/23/14 - 7/11/14		7/7/14 - 10/15/14		7/7/14 - 10/15/14		9/15/14 - 12/24/14		9/15/14 - 12/24/14		12/3/14 - 12/24/14		9/29/14 - 1/7/15		12/17/14 - 1/7/15		11/28/14 - 1/28/15		12/1/14 - 12/12/14		12/31/14 - 2/24/15		1/29/14 - 2/27/14	
Equipment	Quant	Total Hrs/Day	Quant	Total Hrs/Day	Quant	Total Hrs/Day	Quant	Total Hrs/Day	Quant	Total Hrs/Day	Quant	Total Hrs/Day	Quant	Total Hrs/Day	Quant	Total Hrs/Day	Quant	Total Hrs/Day	Quant	Total Hrs/Day	Quant	Total Hrs/Day	Quant	Total Hrs/Day	Quant	Total Hrs/Day
Backhoe					2	4															1	1				
Bucket/Boom Truck																										
BullDozer	2	4																								
Cable Reel Truck									2	12	1	2							1	1			1	1		
Concrete Truck																					1	2				
Crane (large)														1	4						1	1				
Crane (small)																										
Ditch Witch																										
Drill Rig (large diameter)					3	15																				
Drill Rig (Micropile)							2	10																		
Drum Roller	1	4																								
Dump Truck	2	8																								
Excavator																					1	4				
Flatbed Truck														1	2				1	2	1	2	1	2		
Forklift																										
Hydroseed Truck			2	6									2	6				2	6							
Line Truck																										
Loader	2	8							1	4	1	4								1	2	1	2	1	2	
Manlift																										
Mini-excavator / Bobcat																										
Oil Distributor																										
Paver																										
Pickup Truck	3	6	1	2	2	4	2	4	2	4	2	4	1	2	3	6	1	2	2	4	2	4	2	4	1	2
Pneumatic Roller																										
Portable Air Compressor														1	5											
Portable Generator														1	5											
Portable Grout Mixer														1	2											
Portable Grout pump														1	2											
Pull Truck																				1	2			1	2	
Road Grader	2	8																								
Rock Drill																										
Scraper																										
Tensioner																				1	4					
Water Truck (distributor)	1	4			1	1	1	1	1	1	1	1	1	1	1	1				1	1	1	1	1	1	

Deliveries	Quant.	Hours/Day	Duration
Semi-Trailer Truck (1)	1	4	Daily throughout project
Water Truck (bulk haul) (2)	1.5	6	Daily throughout project

**Table 3.7-2
Construction Worker and Vendor Vehicle Trips Per Day**

	Structure site development, grading, including access roads		Foundations					Structures		Install Conductor	Boulevard Underground		Test, Energize, Cut-over
Description	Access road, pad and pull site grading	Grading Erosion Control	Auger Foundation (standard)	Auger Foundation (micropile)	Install Foundation (standard)	Install Foundation (micropile)	Foundations Erosion Control	Install Steel Poles (includes Cable Pole)	Structure Erosion Control	Install OH Conductor	Install Duct Packages and Vaults	Install UG Conductors	Test, Energize, Cut-over
Schedule Days	55	15	73	73	73	73	15	73	15	44	16	40	22
Schedule Dates	4/28/14 - 7/11/14	6/23/14 - 7/11/14	7/7/14 - 10/15/14	7/7/14 - 10/15/14	9/15/14 - 12/24/14	9/15/14 - 12/24/14	12/3/14 - 12/24/14	9/29/14 - 1/7/15	12/17/14 - 1/7/15	11/28/14 - 1/28/15	12/1/14 - 12/12/14	12/31/14 - 2/24/15	1/29/14 - 2/27/14
Worker Trips per day	16	8	13	13	8	15	6	13	6	15	15	13	2
Vendor Trips per day	0	0	0	0	2	1	0	1	0	1	2	1	0