

Table 3.3 Construction Equipment Use Estimations (Revised July 30, 2009)

Activity and Number of Personnel	Number of Work Days	Equipment and Quantity	Duration of Use (Hours/Day)
Substation Construction			
Survey (2 people)	10	2-Survey Trucks	8
Grading (15 people)	90	1-Dozer 2-Loader 1-Scraper 1-Grader 1-Water Truck 2-4X4 Backhoe 1-4X4 Tamper 1-Tool Truck 1-Pickup 4X4	4 4 3 3 2 2 2 2 2
Fencing (4 people)	10	1-Bobcat 1-Flatbed Truck 1-Crewcab Truck	8 2 4
Civil (10 people)	60	1-Excavator 1-Foundation Auger 2-Backhoe 1-Dump truck 1-Skip Loader 1-Water Truck 2-Bobcat Skid Steer 1-Forklift 1-17 ton Crane 1-Tool Truck	4 6 hours/day for 15 days and 3 hours/day for 15 days 3 2 3 3 3 4 2 hours/day for 45 days 3
MEER (4 people)	20	1-Carry-all Truck 1-Stake Truck	3 2
Electrical (10 people)	70	2-Scissor Lifts 2-Manlifts 1-Reach Manlift 1-15 ton Crane 1-Tool Trailer 2-Crew Trucks	3 3 4 3 hours/day for 35 days 3 2
Wiring (5 people)	25	1-Manlift 1-Tool Trailer	4 3

Table 3.3 Construction Equipment Use Estimations (Revised July 30, 2009)

Activity and Number of Personnel	Number of Work Days	Equipment and Quantity	Duration of Use (Hours/Day)
TSP Footing Installation (4 to 6 people)	33	2-Crew Trucks(Gasoline) 2-Truck Mounted Cranes 2-Backhoes 1-Water Truck 1-Drilling Rig 1-Cement Truck	10 10 10 10 10 10
Conductor Installation (12 people)	7	2-Flat Bed truck & trailer 1-Conductor Pulling Machine 1-Conductor Tensioner (Gasoline) 2-30 Ton Line Trucks 2-Crew Trucks 2-Truck Mounted Cranes	6 6 6 10 10 10
Material Delivery (3 people)	6	60-Foot Flat Bed Pole Truck Forklift	8 5
Restoration (5 people)	4	1-Ton Crew Cab 4x4 Water Truck	8 8
Telecommunications Construction			
Fiber Optic Installation (4 people)	10	1-Pickup Truck (Gasoline) 2-Heavy Duty Trucks	8 8
<u>Olsen Road Getaway Construction</u>			
<u>Trenching</u> <u>Laying Conduit</u> <u>Encasement</u> <u>Slurry</u> (10-12 People)	<u>104</u>	<u>2-Backhoes</u> <u>1-Dump Truck</u> <u>2-Crew Trucks</u> <u>1-Cement Truck</u>	<u>8</u> <u>8</u> <u>8</u> <u>8</u>
<u>Asphalt Paving</u> (4 People)	<u>7</u>	<u>1-Dump Truck</u> <u>1-Crew Truck</u> <u>1-paving Roller</u>	<u>8</u> <u>8</u> <u>8</u>
<u>Vault Delivery</u> (1 Person)	<u>9</u>	<u>1-Four Ton Truck with a Crane</u>	<u>4</u>
<u>Cable Pulling</u> (7 People)	<u>10</u>	<u>1-Router Truck</u> <u>1-Cable Carousel</u>	<u>8</u> <u>8</u>
<u>Switch Installation</u> (4 People)	<u>10</u>	<u>1-Line Truck</u> <u>1-Pickup Truck</u>	<u>8</u> <u>8</u>
<u>Cable Splicing</u> (4 People)	<u>30</u>	<u>2-Vans</u>	<u>8</u>

Table 3.3 Construction Equipment Use Estimations (Revised July 30, 2009)

Activity and Number of Personnel	Number of Work Days	Equipment and Quantity	Duration of Use (Hours/Day)
Switching (2 People)	2	2-Troublemen Trucks	8
<u>Acceleration/Deceleration Lane Construction</u>			
<u>Acceleration/Deceleration</u> (10 People)	<u>90</u>	<u>2-Skip Loader</u> <u>1-Grader</u> <u>2-Dump Truck (Super 10- 3 axle)</u> <u>1-Barber Green Paving Machine</u> <u>1-Roller</u> <u>4-Crew Trucks</u> <u>2-Trailers</u>	<u>8</u> <u>8 (1st 3 weeks)</u> <u>8</u> <u>8 (3 days)</u> <u>8 (7 days)</u> <u>8</u> <u>4</u>
<u>Irrigation Construction</u>			
<u>Irrigation- On Site</u> (7 People)	<u>20</u>	<u>1-Bobcat</u> <u>1-Power Trencher</u> <u>1-Crew Truck</u>	<u>8</u> <u>8</u> <u>8</u>