<u>Table 3.3</u> 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	90	1-Dozer	4		
(15 people)		2-Loader	4		
		1-Scraper	3		
		1-Grader	3		
		1-Water Truck	2		
		2-4X4 Backhoe	2		
		1-4X4 Tamper	2		
		1-Tool Truck	2		
		1-Pickup 4X4	2		
Fencing	10	1-Bobcat	8		
(4 people)		1-Flatbed Truck	2		
		1-Crewcab Truck	4		
Civil	60	1-Excavator	4		
(10 people)		1-Foundation Auger	6 hours/day for 15 days and 3 hours/day for 15 days		
		2-Backhoe	3		
		1-Dump truck	2		
		1-Skip Loader	3		
		1-Water Truck	3		
		2-Bobcat Skid Steer	3		
		1-Forklift	4		
		1-17 ton Crane	2 hours/day for 45 days		
		1-Tool Truck	3		
MEER	20	1-Carry-all Truck	3		
(4 people)		1-Stake Truck	2		
Electrical (10 people)	70	2-Scissor Lifts	3		
		2-Manlifts	3		
		1-Reach Manlift	4		
		1-15 ton Crane	3 hours/day for 35 days		
		1-Tool Trailer	3		
		2-Crew Trucks	2		
Wiring	25	1-Manlift	4		
(5 people)		1-Tool Trailer	3		

<u>Table 3.3</u> 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)
Transformers (6 people)	30	1-Crane	6 hours/day for 10 days
(· I · · I · ·)		1-Forklift	6
		2-Crew Trucks	2
		1-Low Bed Truck	4
Maintenance Crew Equipment Check (2 people)	30	2-Maintenance Trucks	4
Testing (2 people)	80	1-Crew Truck	6
Asphalting	15	2-Paving Roller	4
(6 people)		1-Asphalt Paver	4
		1-Stake Truck	4
		1-Tractor	3
		1-Dump Truck	3
		2-Crew Trucks	2
		1-Asphalt Curb Machine	3
Landscaping	15	1-Tractor	6
(6 people)		1-Dump Truck	3
66 kV Subtransmission S	Source Line Constru	action	
Survey (2 people)	10	1-1/2 Ton Pick-Up Truck 4x4	8
Access Roads	5	2-Crew Trucks (Gasoline)	2
(3 people)		2-Light Trucks	2
(o people)		1-Water Truck	2
		1-Crawler D6	10
		1-Crawler D8	10
		1-Motor Grader	5
Pole Framing and	113	2-Crew Trucks (Gasoline)	10
Setting		1-5-Ton Framing Truck	10
(10 people)		2-30-Ton Line Trucks	10
		2-Light Trucks	10
		2-Bucket Trucks	10
		1-Water Truck	10
		2-Truck Mounted Cranes	10
		1-30 Ton Crane	10
		2-Backhoes	10

<u>Table 3.3</u> 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	33	2-Crew Trucks(Gasoline)	10
(4 to 6 people)		2-Truck Mounted Cranes	10
		2-Backhoes	10
		1-Water Truck	10
		1-Drilling Rig	10
		1-Cement Truck	10
Conductor Installation	7	2-Flat Bed truck & trailer	6
(12 people)		1-Conductor Pulling Machine	6
		1-Conductor Tensioner (Gasoline)	6
		2-30 Ton Line Trucks	10
		2-Crew Trucks	10
		2-Truck Mounted Cranes	10
Material Delivery	6	60-Foot Flat Bed Pole Truck	8
(3 people)		Forklift	5
Restoration	4	1-Ton Crew Cab 4x4	8
(5 people)		Water Truck	8
Telecommunications Con	struction		1
Fiber Optic Installation	10	1-Pickup Truck (Gasoline)	8
(4 people)		2-Heavy Duty Trucks	8
Olsen Road Getaway Cor	nstruction		
Trenching	<u>104</u>	2-Backhoes	<u>8</u>
<u>Laying Conduit</u>		1-Dump Truck	<u>8</u>
Encasement		2-Crew Trucks	<u>8</u>
Slurry (10-12 People)		1-Cement Truck	8
Asphalt Paving	7	1-Dump Truck	8
(4 People)		1-Crew Truck	<u>8</u>
		1-paving Roller	<u>8</u>
<u>Vault Delivery</u> (1 Person)	9	1-Four Ton Truck with a Crane	4
Cable Pulling	10	1-Router Truck	8
(7 People)	10	1-Cable Carousel	<u>8</u>
Switch Installation	<u>10</u>	1-Line Truck	8
(4 People)		1-Pickup Truck	<u>8</u>
Cable Splicing (4 People)	<u>30</u>	2-Vans	8

<u>Table 3.3</u> 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		
Acceleration/Deceleration Lane Construction					
Acceleration/ Deceleration (10 People) Irrigation Construction	90	2-Skip Loader 1-Grader 2-Dump Truck (Super 10- 3 axle) 1-Barber Green Paving Machine 1-Roller 4-Crew Trucks 2-Trailers	8 8 (1 st 3 weeks) 8 8 (3 days) 8 (7 days) 8		
Irrigation Constitution Irrigation - On Site (7 People)	20	1-Bobcat 1-Power Trencher 1-Crew Truck	<u>8</u> <u>8</u> <u>8</u>		