		Off-Road	Equipment	On-Road Vehicles		
Construction Activity	Equipment/Vehicle Type	Quantity	Operating Hours Per Day	On-Road Type	Trips Per Day	Total Trips
	Boom/Crane Truck	2	6			
	Manlift/Bucket Truck	1	6			
Install Underground Cable	Puller	1	6			
Install Underground Cable	Wire Truck/Trailer	2	6			
	1-Ton Truck, 4x4			Worker	2	
	Worker Commute			Commute	-	
	Splice Truck	2	6			
Splice Underground Cable	1-Ton Truck, 4x4			Worker	1	
	Worker Commute			Commute	-	
	4x4 Backhoe	2	10			
	Compressor Trailer	1	10			
	Grader	2	10			
	Loader	2	10			
Civil Installation	Scraper	2	10			
	Water Truck	2	10			
	Haul Truck			Haul		2,188
	Pick-up 4x4			Worker	3	
	Worker Commute			Commute	10	

		Off-Road	Equipment	Or	n-Road Vehic	les
Construction Activity	Equipment/Vehicle Type	Quantity	Operating Hours Per Day	On-Road Type	Trips Per Day	Total Trips
	Manlift/Bucket Truck	2	10			
Fiber Optic/Copper Cable	1-Ton Truck			Worker	2	
Removal	Pick-up Truck			Worker	2	
	Worker Commute			Commute	10	
	Auger Truck	2	10			
	Boom Truck	2	10			
Wood Pole Replacement and Transfer of Facilities	Manlift/Bucket Truck	2	10			
	Pick-up Truck			Worker	2	
	Worker Commute			Commute	10	
	Manlift/Bucket Truck	2	10			
Fiber Optic Cable	1-Ton Truck			Worker	2	
Installation	Pick-up Truck			Worker	2	
	Worker Commute			Commute	10	
	Splice Labs	2	10			
Splicing and Testing	Pick-up Truck			Worker	2	
	Worker Commute			Commute	5	
C.	1-Ton Truck, 4x4			Worker	2	
Survey	Worker Commute			Commute	4	

		Off-Road Equipment		On-Road Vehicles		
Construction Activity	Equipment/Vehicle Type	Quantity	Operating Hours Per Day	On-Road Type	Trips Per Day	Total Trips
	Boom/Crane Truck	1	5			
	R/T Forklift	1	5			
Construction and Materials	Water Tanker/Truck	1	10			
Yard	1-Ton Truck, 4x4			Worker	1	
	Truck, Semi-Tractor			Vendor	1	
	Worker Commute			Commute	4	
	Backhoe/Front Loader	2	7			
	Road Grader	2	7			
	Track Type Dozer	2	7			
Right-of-Way Clearing	Water Truck	2	9			
	1-Ton Truck, 4x4			Worker	2	
	Lowboy Truck/Trailer			Vendor	2	
	Worker Commute			Commute	5	
	Backhoe/Front Loader	2	7			
	Drum Type Compactor	2	5			
Roads and Landing Work	Excavator	2	7			
	Motor Grader	2	5			
	Track Type Dozer	2	7			

		Off-Road	Equipment	Oı	n-Road Vehic	les
Construction Activity	Equipment/Vehicle Type	Quantity	Operating Hours Per Day	On-Road Type	Trips Per Day	Total Trips
	Water Truck	2	10			
Roads and Landing Work	1-Ton Truck, 4x4			Worker	2	
(cont.)	Lowboy Truck/Trailer			Vendor	2	
	Worker Commute			Commute	12	
	Concrete Truck	1	10			
	Rubber Tire Backhoe	1	10			
	Tracked Excavator	1	10			
	Water Truck	1	10			
Wet Crossing Installation	Wheel Loader	1	10			
	1-Ton Truck, 4x4			Worker	2	
	Dump Truck			Haul		18
	Flat Bed Truck/Trailer			Vendor	1	
	Worker Commute			Commute	6	
	Boom/Crane Truck	2	8			
	Water Truck	1	10			
Shoo-fly Pole Haul	3/4-Ton Truck, 4x4			Worker	1	
	Flat Bed Pole Truck			Vendor	2	
	Worker Commute			Commute	4	

		Off-Road	Equipment	Or	n-Road Vehicl	les
Construction Activity	Equipment/Vehicle Type	Quantity	Operating Hours Per Day	On-Road Type	Trips Per Day	Total Trips
	Backhoe/Front Loader	2	8			
	Crane (L)	1	7			
	Excavator	2	7			
	Water Truck	1	10			
Vault Installation	1-Ton Truck, 4x4			Worker	2	
vault installation	Concrete Mixer Truck			Haul		85
	Dump Truck			Haul		187
	Flat Bed Truck/Trailer			Vendor	2	
	Lowboy Truck/Trailer			Vendor	2	
	Worker Commute			Commute	16	
	Auger Truck	2	8			
	Boom/Crane Truck	2	8			
	Compressor Trailer	2	7			
	Manlift/Bucket Truck	2	5			
Guard Structure Installation	Water Truck	2	10			
	1-Ton Truck, 4x4			Worker	1	
	3/4-Ton Truck, 4x4			Worker	1	
	Extendable Flat Bed Pole Truck			Vendor	2	
	Worker Commute			Commute	6	

		Off-Road	Equipment	On-Road Vehicles		
Construction Activity	Equipment/Vehicle Type	Quantity	Operating Hours Per Day	On-Road Type	Trips Per Day	Total Trips
	Auger Truck	2	10			
	Backhoe/Front Loader	2	10			
	Boom/Crane Truck	2	7			
Install Tubular Steel Pole	Water Truck	2	10			
(TSP) Foundations – 220 kilovolt (kV) and 66 kV	3/4-Ton Truck, 4x4			Worker	4	
	Concrete Mixer Truck			Haul		196
	Dump Truck			Haul		126
	Worker Commute			Commute	12	
	Boom/Crane Truck	1	10			
	Compressor Trailer	1	10			
	Water Truck	1	10			
Shoo-fly Pole Assembly	1-Ton Truck, 4x4			Worker	2	
	3/4-Ton Truck, 4x4			Worker	2	
	Worker Commute			Commute	12	
	Auger Truck	2	8			
	Backhoe/Front Loader	2	10			
Install Shoo-fly Pole	Boom/Crane Truck	2	7			
	Manlift/Bucket Truck	2	10			

		Off-Road	Equipment	Or	n-Road Vehic	les
Construction Activity	Equipment/Vehicle Type	Quantity	Operating Hours Per Day	On-Road Type	Trips Per Day	Total Trips
	Water Truck	2	10			
	1-Ton Truck, 4x4			Worker	2	
Install Shoo-fly Pole (cont.)	Extendable Flat Bed Pole Truck			Vendor	2	
	Worker Commute			Commute	12	
	Backhoe/Front Loader	2	7			
	Compressor Trailer	2	5			
	Concrete Saw	2	8			
	Water Truck	1	10			
	1-Ton Truck, 4x4			Worker	2	
Duct Bank Installation	Concrete Mixer Truck			Haul		740
	Dump Truck			Haul		777
	Flat Bed Truck/Trailer			Vendor	1	
	Lowboy Truck/Trailer			Vendor	1	
	Pipe Truck/Trailer			Vendor	1	
	Worker Commute			Commute	16	
	Backhoe/Front Loader	2	8			
Install Shoo-fly Conductor	Boom/Crane Truck	2	10			
	Conductor Splicing Rig	1	10			

		Off-Road	Equipment	Or	n-Road Vehic	les
Construction Activity	Equipment/Vehicle Type	Quantity	Operating Hours Per Day	On-Road Type	Trips Per Day	Total Trips
	Fiber Splicing Lab	1	10			
	Manlift/Bucket Truck	2	10			
	R/T Crane (M)	2	10			
	Sag Cat with 2 winches	1	10			
	Spacing Cart	4	10			
	Static Truck/ Tensioner	1	10			
	Track Type Dozer	1	8			
Install Shoo-fly Conductor (cont.)	Truck mounted – Three drum fly-line pulling machines (Equipped with 3/8-inch steel pulling cable)	1	10			
	Wire Truck/Trailer	1	10			
	1-Ton Truck, 4x4			Worker	2	
	3/4-Ton Truck, 4x4			Worker	2	
	Lowboy Truck/Trailer			Vendor	2	
	Worker Commute			Commute	15	

		Off-Road Equipment		On-Road Vehicles		
Construction Activity	Equipment/Vehicle Type	Quantity	Operating Hours Per Day	On-Road Type	Trips Per Day	Total Trips
	Boom/Crane Truck	2	8			
	Water Truck	1	10			
TSP Haul – 220 kV and 66 kV	3/4-Ton Truck, 4x4			Worker	1	
	Flat Bed Pole Truck			Vendor	2	
	Worker Commute			Commute	4	
	Boom/Crane Truck	2	7			
	Compressor Trailer	2	6			
TSP Assembly – 220 kV and	Water Truck	1	10			
66 kV	1-Ton Truck, 4x4			Worker	2	
	3/4-Ton Truck, 4x4			Worker	2	
	Worker Commute			Commute	12	
	Boom/Crane Truck	2	10			
Remove Existing Conductor	Hardline 30,000 Pound Puller	1	5			
and GW – 500 kV, 220 kV	Manlift/Bucket Truck	4	10			
and 66 kV	Sag Cat with 2 winches	1	5			
	Track Type Dozer	1	5			

		Off-Road	Equipment	On-Road Vehicles		
Construction Activity	Equipment/Vehicle Type	Quantity	Operating Hours Per Day	On-Road Type	Trips Per Day	Total Trips
	Truck mounted – Three drum fly-line pulling machines (Equipped with 3/8-inch steel pulling cable)	1	5			
Remove Existing Conductor	V-Groove or Equivalent Rewinder	1	5			
and GW – 500 kV, 220 kV and 66 kV (cont.)	Water Truck	2	6			
	1-Ton Truck, 4x4			Worker	4	
	Lowboy Truck/Trailer			Vendor	2	
	Truck, Semi-Tractor			Vendor	2	
	Worker Commute			Commute	28	
	Compressor Trailer	2	6			
	R/T Crane (L)	2	7			
TSP Erection – 220 kV and	Water Truck	1	10			
66 kV	1-Ton Truck, 4x4			Worker	2	
	3/4-Ton Truck, 4x4			Worker	2	
	Worker Commute			Commute	12	
	Backhoe/Front Loader	2	8			
Install/Transfer Conductor – 500 kV, 220 kV and 66 kV	Boom/Crane Truck	2	10			
500 KV, 220 KV und 00 KV	Conductor Splicing Rig	1	10			

April 2015 Page 10 Data Deficiency Request #1 Response Mesa 500 kV Substation Project

		Off-Road	Equipment	Oı	n-Road Vehic	les
Construction Activity	Equipment/Vehicle Type	Quantity	Operating Hours Per Day	On-Road Type	Trips Per Day	Total Trips
	Fiber Splicing Lab	1	10			
	Hughes 500 F	1	7			
	Manlift/Bucket Truck	2	10			
	R/T Crane (M)	2	10			
	Sag Cat with 2 winches	1	10			
	Spacing Cart	4	10			
	Static Truck/ Tensioner	1	10			
	Track Type Dozer	1	8			
Install/Transfer Conductor – 500 kV, 220 kV and 66 kV (cont.)	Truck mounted – Three drum fly-line pulling machines (Equipped with 3/8-inch steel pulling cable)	1	10			
	Wire Truck/Trailer	1	10			
	1-Ton Truck, 4x4			Worker	2	
	3/4-Ton Truck, 4x4			Worker	2	
	Fuel, Helicopter Support Truck			Vendor	1	
	Lowboy Truck/Trailer			Vendor	2	
	Worker Commute			Commute	30	

		Off-Road	Equipment	On-Road Vehicles		
Construction Activity	Equipment/Vehicle Type	Quantity	Operating Hours Per Day	On-Road Type	Trips Per Day	Total Trips
	Compressor Trailer	2	10			
	R/T Crane (L)	2	7			
	R/T Crane (M)	2	5			
LST Removal – 500kV, 220	Water Truck	1	10			
kV, and 66 kV	1-Ton Truck, 4x4			Worker	2	
	Dump Truck			Haul		14
	Flat Bed Truck/Trailer			Vendor	2	
	Worker Commute			Commute	12	
	Boom/Crane Truck	1	7			
	Manlift/Bucket Truck	4	5			
	Puller	2	5			
	Water Truck	1	10			
Install Underground Cable	Wire Truck/Trailer	1	5			
	1-Ton Truck, 4x4			Worker	2	
	Flat Bed Truck/Trailer			Vendor	2	
	Pipe Truck/Trailer			Vendor	1	
	Worker Commute			Commute	16	

		Off-Road	Off-Road Equipment		On-Road Vehicles		
Construction Activity	Equipment/Vehicle Type	Quantity	Operating Hours Per Day	On-Road Type	Trips Per Day	Total Trips	
	Compressor Trailer	2	10				
	R/T Crane (L)	2	7				
TSP Removal – 220 kV and	Water Truck	1	10				
66 kV	1-Ton Truck, 4x4			Worker	2		
	3/4-Ton Truck, 4x4			Worker	2		
	Worker Commute			Commute	12		
	Backhoe/Front Loader	2	10				
	Compressor Trailer	2	10				
	Excavator	1	10				
LST Foundation Removal – 500kV, 220 kV and 66 kV	Water Truck	1	10				
500k V, 220 k V und 00 k V	3/4-Ton Truck, 4x4			Worker	2		
	Dump Truck			Haul		11	
	Worker Commute			Commute	8		
	Backhoe/Front Loader	2	10				
TSP Foundation Removal –	Compressor Trailer	2	10				
220 kV and 66 kV	Excavator	1	10				
	Water Truck	1	10				

		Off-Road	Equipment	On-Road Vehicles		
Construction Activity	Equipment/Vehicle Type	Quantity	Operating Hours Per Day	On-Road Type	Trips Per Day	Total Trips
	3/4-Ton Truck, 4x4			Worker	2	
TSP Foundation Removal – 220 kV and 66 kV (cont.)	Dump Truck			Haul		92
	Worker Commute			Commute	8	
	Auger Truck	2	10			
	Backhoe/Front Loader	2	10			
	Boom/Crane Truck	2	7			
	Concrete Truck	4	7			
Install Lattice Steel Tower (LST) Foundations	Water Truck	2	10			
	3/4-Ton Truck, 4x4			Worker	2	
	Concrete Truck			Haul		464
	Dump Truck			Haul		320
	Worker Commute			Commute	14	
	R/T Forklift	2	8			
	Water Truck	1	10			
LST Steel Haul	1-Ton Truck, 4x4			Worker	1	
	Flat Bed Truck/Trailer			Vendor	2	
	Worker Commute			Commute	4	

		Off-Road	Equipment	On-Road Vehicles		
Construction Activity	Equipment/Vehicle Type	Quantity	Operating Hours Per Day	On-Road Type	Trips Per Day	Total Trips
	Compressor Trailer	2	7			
	R/T Crane (L)	2	10			
LST Steel Assembly	R/T Forklift	2	7			
LST SIEEI ASSEIIIDIY	1-Ton Truck, 4x4			Worker	2	
	3/4-Ton Truck, 4x4			Worker	2	
	Worker Commute			Commute	20	
	Splice Truck	2	10			
Splice Underground Cable	1-Ton Truck, 4x4			Worker	2	
	Worker Commute			Commute	8	
	Compressor Trailer	4	7			
	R/T Crane (L)	2	7			
	R/T Crane (M)	2	7			
LST Erection	Water Truck	2	10			
	1-Ton Truck, 4x4			Worker	2	
	3/4-Ton Truck, 4x4			Worker	2	
	Worker Commute			Commute	24	

		Off-Road	Equipment	Oı	n-Road Vehic	les
Construction Activity	Equipment/Vehicle Type	Quantity	Operating Hours Per Day	On-Road Type	Trips Per Day	Total Trips
	Boom/Crane Truck	4	5			
	Bull Wheel Puller	2	5			
	Hydraulic Rewind Puller	2	5			
	Manlift/Bucket Truck	2	10			
Remove Shoo-fly Conductor	Sleeving Truck	2	5			
and GW	Water Truck	1	10			
	1-Ton Truck, 4x4			Worker	2	
	Lowboy Truck/Trailer			Vendor	2	
	Truck, Semi-Tractor			Vendor	2	
	Worker Commute			Commute	30	
	Boom/Crane Truck	2	7			
	Compressor Trailer	2	6			
	Manlift/Bucket Truck	2	10			
Shoo-fly Pole Removal	Water Truck	1	10			
	1-Ton Truck, 4x4			Worker	2	
	Flat Bed Truck/Trailer			Vendor	2	
	Worker Commute			Commute	6	

		Off-Road	Equipment	Or	n-Road Vehic	es
Construction Activity	Equipment/Vehicle Type	Quantity	Operating Hours Per Day	On-Road Type	Trips Per Day	Total Trips
	Boom/Crane Truck	2	10			
	Compressor Trailer	2	7			
	Manlift/Bucket Truck	2	5			
	Water Truck	1	10			
Guard Structure Removal	1-Ton Truck, 4x4			Worker	2	
	3/4-Ton Truck, 4x4			Worker	2	
	Extendable Flat Bed Pole Truck			Vendor	2	
	Worker Commute			Commute	6	
	Boom/Crane Truck	2	7			
	Compressor Trailer	1	10			
66 kV Pole Removal	Manlift/Bucket Truck	2	7			
66 KV Pole Removal	1-Ton Truck, 4x4			Worker	2	
	Flat Bed Pole Truck			Vendor	2	
	Worker Commute			Commute	12	
	Backhoe/Front Loader	2	7			
	Drum Type Compactor	2	7			
Restoration	Motor Grader	2	7			
	Water Truck	2	10			

		Off-Road	Equipment	Oı	n-Road Vehicl	es
Construction Activity	Equipment/Vehicle Type	Quantity	Operating Hours Per Day	On-Road Type	Trips Per Day	Total Trips
	1-Ton Truck, 4x4			Worker	2	
Restoration (cont.)	Lowboy Truck/Trailer			Vendor	1	
	Worker Commute			Commute	7	
	Dozer	2	10			
	Grader	2	10			
	Loader	2	10			
	Scraper	4	10			
Grading Phase 1	Water Truck	4	10			
	Haul Truck			Haul		10,000
	Pick-up 4x4			Worker	1	
	Tool Truck			Worker	1	
	Worker Commute			Commute	14	
C.	Survey Trucks			Worker	1	
Survey	Worker Commute			Commute	2	
	20 ton Crane	1	5			
Mechanical Electrical	400 kilowatt (KW) Generator	1	12			
Equipment Room (MEER) Phase 1	Backhoe	2	10			
	Bobcat Skid Steer	2	10			

		Off-Road	Equipment	On-Road Vehicles		
Construction Activity	Equipment/Vehicle Type	Quantity	Operating Hours Per Day	On-Road Type	Trips Per Day	Total Trips
	Carry-all Truck	2	3			
	Concrete Pump Truck	1	5			
	Forklift	3	5			
	Loader	1	10			
MEER Phase I (cont.)	Manlift	2	10			
	Stake Truck			Worker	5	
	Tool Truck			Worker	5	
	Worker Commute			Commute	50	
	17-Ton Crane	2	5			
	Backhoe	6	10			
	Bobcat Skid Steer	4	10			
	Concrete Pump Truck	1	5			
	Excavator	3	10			
Civil Phase 1	Forklift	4	6			
	Foundation Auger	3	10			
	Skip Loader	3	10			
	Water Truck	3	10			
	Dump Truck			Haul		2,592

		Off-Road	Equipment	Or	n-Road Vehicl	es
Construction Activity	Equipment/Vehicle Type	Quantity	Operating Hours Per Day	On-Road Type	Trips Per Day	Total Trips
Civil Phase I (cont.)	Tool Truck			Worker	4	
Civil Pliase I (colit.)	Worker Commute			Commute	60	
	20-Ton Crane	1	5			
	Backhoe	2	10			
	Bobcat Skid Steer	2	10			
	Carry-all Truck	2	3			
	Concrete Pump Truck	1	5			
Test and Maintenance Building Phase 1	Forklift	3	5			
Dunuing Thuse T	Loader	1	10			
	Manlift	2	10			
	Stake Truck			Worker	5	
	Tool Truck			Worker	5	
	Worker Commute			Commute	50	
	20-Ton Crane	1	5			
	Backhoe	2	10			
Control Building Phase 1	Bobcat Skid Steer	2	10			
	Carry-all Truck	2	3			
	Concrete Pump Truck	1	5			

		Off-Road Equipment		On-Road Vehicles		
Construction Activity	Equipment/Vehicle Type	Quantity	Operating Hours Per Day	On-Road Type	Trips Per Day	Total Trips
	Forklift	3	5			
	Loader	1	10			
Control Building Phase 1	Manlift	2	10			
(cont.)	Stake Truck			Worker	5	
	Tool Truck			Worker	5	
	Worker Commute			Commute	50	
	4x4 Backhoe	1	10			
	Bobcat	1	10			
	Concrete Pump Truck	1	6			
Fencing Phase 1 Block Wall	Forklift	1	10			
	Crew Truck			Worker	1	
	Flatbed Truck			Vendor	1	
	Worker Commute			Commute	16	
Testing Dhase 1	Crew Truck			Worker	4	
Testing Phase 1	Worker Commute			Commute	9	

		Off-Road	Equipment	Oı	n-Road Vehic	es
Construction Activity	Equipment/Vehicle Type	Quantity	Operating Hours Per Day	On-Road Type	Trips Per Day	Total Trips
	Asphalt Curb Machine	1	3			
	Asphalt Paver	1	10			
	Paving Roller	2	5			
A substitute Dhase 1	Tractor	1	3			
Asphalting Phase 1	Crew Truck			Worker	2	
	Dump Truck			Haul		955
	Stake Truck			Worker	2	
	Worker Commute			Commute	15	
Maintenance Crew	Maintenance Truck	2	5			
Equipment Check Phase 1	Worker Commute			Commute	5	
	15-Ton Crane	1	6			
	50-Ton Crane	1	6			
	Forklift	2	6			
	Manlift	2	6			
Electrical Demo Phase 2	Reach Lift	3	6			
	Tool Trailer	2	5			
	Crew Truck			Worker	3	
	Worker Commute			Commute	20	

		Off-Road	Equipment	On-Road Vehicles		
Construction Activity	Equipment/Vehicle Type	Quantity	Operating Hours Per Day	On-Road Type	Trips Per Day	Total Trips
	Backhoe	2	10			
	Bobcat Skid Steer	2	10			
	Dozer	2	10			
	Excavator	2	10			
	Forklift	2	6			
Civil Demo/Grading Phase 2	Grader	1	10			
	Loader	2	10			
	Scraper	2	10			
	Skip Loader	2	10			
	Water Truck	5	10			
	Worker Commute			Commute	14	
	Backhoe	2	10			
	Bobcat Skid Steer	2	10			
	Excavator	2	10			
Civil Installation Phase 2	Forklift	2	5			
	Foundation Auger	2	10			
	Skip Loader	2	10			
	Tool Trailer	1	5			

		Off-Road	Equipment	Oı	n-Road Vehicl	es
Construction Activity	Equipment/Vehicle Type	Quantity	Operating Hours Per Day	On-Road Type	Trips Per Day	Total Trips
	Water Truck	1	10			
Civil Installation Phase 2 (cont.)	Dump Truck			Haul		638
	Worker Commute			Commute	20	
	Forklift	3	3			
	Manlift	3	5			
Wiring Phase 1	Tool Trailer	2	3			
	Worker Commute			Commute	50	
	100-Ton Crane	1	8			
	15-Ton Crane	2	5			
	20-Ton Crane	1	10			
	50-Ton Crane	1	8			
	Forklift	3	6			
Electrical Phase 1	Manlift	4	5			
Lieculeal Fliase 1	Reach Manlift	3	5			
	Scissor Lift	4	5			
	Tool Trailer	2	3			
	Crew Truck			Worker	3	
	Flatbed Truck			Vendor	1	
	Worker Commute			Commute	50	

April 2015 Page 24 Data Deficiency Request #1 Response Mesa 500 kV Substation Project

	Equipment/Vehicle Type	Off-Road Equipment		<b>On-Road Vehicles</b>		
Construction Activity		Quantity	Operating Hours Per Day	On-Road Type	Trips Per Day	Total Trips
	100-Ton Crane	1	10			
	15-Ton Crane	1	6			
	50-Ton Crane	1	10			
	Forklift	3	6			
	Manlift	3	10			
Electrical Phase 2	Reach Lift	3	10			
	Scissor Lift	2	10			
	Tool Trailer	2	10			
	Crew Truck			Worker	3	
	Flatbed Truck			Vendor	1	
	Worker Commute			Commute	50	
Testing Phase 2	Crew Truck			Worker	4	
	Worker Commute			Commute	9	
Maintenance Crew Equipment Check Phase 2	Maintenance Truck	2	5			
	Worker Commute			Commute	3	
Civil Demo/Grading Phase 3	Backhoe	4	10			
	Bobcat Skid Steer	4	10			
	Dozer	3	10			

	Equipment/Vehicle Type	Off-Road Equipment		On-Road Vehicles			
Construction Activity		Quantity	Operating Hours Per Day	On-Road Type	Trips Per Day	Total Trips	
Civil Demo/Grading Phase 3 (cont.)	Excavator	3	10				
	Forklift	4	10				
	Grader	2	10				
	Loader	2	10				
	Scraper	6	10				
	Skip Loader	3	10				
	Water Truck	6	10				
	Dump Truck			Haul		5,000	
	Worker Commute			Commute	75		
Civil Installation Phase 3	Backhoe	5	10				
	Bobcat Skid Steer	6	10				
	Excavator	4	10				
	Forklift	3	5				
	Foundation Auger	4	10				
	Skip Loader	2	10				
	Tool Trailer	2	5				
	Water Truck	4	10				
	Dump Truck			Haul		2,592	
	Worker Commute		<u> </u>	Commute	75		

April 2015 Page 26 Data Deficiency Request #1 Response Mesa 500 kV Substation Project

Construction Activity	Equipment/Vehicle Type	Off-Road Equipment		On-Road Vehicles		
		Quantity	Operating Hours Per Day	On-Road Type	Trips Per Day	Total Trips
	100-Ton Crane	1	10			
	15-Ton Crane	1	6			
	20-Ton Crane	1	5			
	500 KW Generator	1	10			
	Forklift	4	7			
Electrical Phase 3	Manlift	4	10			
(Including Wiring)	Reach Manlift	3	10			
	Scissor Lift	4	10			
	Tool Trailer	3	5			
	Crew Truck			Worker	3	
	Flatbed Truck			Vendor	1	
	Worker Commute			Commute	80	
Testing Phase 3	Crew Truck			Worker	4	
	Worker Commute			Commute	9	
Maintenance Crew Equipment Check Phase 3	Maintenance Truck	3	5			
	Worker Commute		<u> </u>	Commute	5	

Construction Activity	Equipment/Vehicle Type	Off-Road Equipment		<b>On-Road Vehicles</b>		
		Quantity	Operating Hours Per Day	On-Road Type	Trips Per Day	Total Trips
Asphalting and Fencing Phase 3	Asphalt Curb Machine	1	10			
	Asphalt Paver	1	10			
	Backhoe	1	10			
	Concrete Pump Truck	1	6			
	Forklift	1	6			
	Paving Roller	2	10			
	Tractor	1	10			
	Crew Truck			Worker	2	
	Dump Truck			Haul		2,261
	Stake Truck			Worker	2	
	Worker Commute			Commute	25	