

Demolition Assumptions for

Funks Pumping Generation 03

Code	# of Structures Demolished	Demolition per day (sf)
No Demolition		

Construction Schedule for**Funks Pumping Generating Plant (PGP)**

03

Subpackage

Phase	Code	Start Date	End Date	Working Days	Days/Week
03 Funks Pumping Generating Plant (PGP)	Funks Pumping Generating Plant (PGP)-03				
03.01 Funks Reservoir Pumping Generating Plant	Funks Pumping Generating Plant (PGP)-0301	3/2/2026	3/23/2029	798	5
03.02 Funks Reservoir Turbine Buildings	Funks Pumping Generating Plant (PGP)-0302	6/1/2027	9/1/2028	328	5
03.03 Funks Reservoir Energy Dissipation Valve Structures	Funks Pumping Generating Plant (PGP)-0303	9/1/2027	9/1/2028	262	5
03.04 Funks Reservoir Electrical Building	Funks Pumping Generating Plant (PGP)-0304	3/1/2028	3/1/2029	261	5
03.05 Funks Reservoir Site Electrical	Funks Pumping Generating Plant (PGP)-0305	9/1/2026	6/1/2028	457	5
03.06 Funks Reservoir PGP Sitework	Funks Pumping Generating Plant (PGP)-0306	9/1/2027	12/1/2028	327	5

01

02

03

04

05

06

Offroad Equipment (Fossil Fuel) Inventory for

Funks Pumping Generating Plant (PGP) 03

Code	Equipment Name	General Equipment Category	#/day	Hours/day/ equipment	Fuel Type	Engine Horsepower (if known)	Fuel (gal/day) (if known)
Funks Pumping Generating Plant (PGP)-0301	Trowel, 48" Walk-Behind	Other Construction Equipment	0.03	8	Diesel		
Funks Pumping Generating Plant (PGP)-0301	Crawler Crane, 75 Ton	Cranes	0.03	8	Diesel		
Funks Pumping Generating Plant (PGP)-0301	Hydraulic Crane, 25 ton	Cranes	0.04	8	Diesel		
Funks Pumping Generating Plant (PGP)-0301	Grader, 30,000 Lbs.	Graders	0.01	8	Diesel		
Funks Pumping Generating Plant (PGP)-0301	Concrete Pump (Small)	Pumps	0.13	8	Diesel		
Funks Pumping Generating Plant (PGP)-0301	Gas Engine Vibrator	Other Construction Equipment	0.26	8	Gasoline		
Funks Pumping Generating Plant (PGP)-0301	Welder, Gas Engine, 300 amp	Welders	0.08	8	Gasoline		
Funks Pumping Generating Plant (PGP)-0302	Hyd. Excavator, .75 C.Y.	Excavators	0.03	8	Diesel		
Funks Pumping Generating Plant (PGP)-0302	Trowel, 48" Walk-Behind	Other Construction Equipment	0.01	8	Diesel		
Funks Pumping Generating Plant (PGP)-0302	Crawler Crane, 75 Ton	Cranes	0.02	8	Diesel		
Funks Pumping Generating Plant (PGP)-0302	Lattice Boom Crane, 90 Ton	Cranes	0.01	8	Diesel		
Funks Pumping Generating Plant (PGP)-0302	Hydraulic Crane, 25 ton	Cranes	0.02	8	Diesel		
Funks Pumping Generating Plant (PGP)-0302	S.P. Crane, 4x4, 5 Ton	Cranes	0.00	8	Diesel		
Funks Pumping Generating Plant (PGP)-0302	Grader, 30,000 Lbs.	Graders	0.00	8	Diesel		
Funks Pumping Generating Plant (PGP)-0302	Concrete Pump (Small)	Pumps	0.09	8	Diesel		
Funks Pumping Generating Plant (PGP)-0302	Grout Pump, 50 C.F./hr.	Pumps	0.01	8	Diesel		
Funks Pumping Generating Plant (PGP)-0302	Vibratory Roller, Towed, 23 Ton	Rollers	0.01	8	Diesel		
Funks Pumping Generating Plant (PGP)-0302	Dozer, 200 H.P.	Rubber Tired Dozers	0.01	8	Diesel		
Funks Pumping Generating Plant (PGP)-0302	Gas Engine Vibrator	Other Construction Equipment	0.21	8	Gasoline		
Funks Pumping Generating Plant (PGP)-0302	Welder, Gas Engine, 300 amp	Welders	0.04	8	Gasoline		
Funks Pumping Generating Plant (PGP)-0303	Trowel, 48" Walk-Behind	Other Construction Equipment	0.01	8	Diesel		
Funks Pumping Generating Plant (PGP)-0303	Crawler Crane, 75 Ton	Cranes	0.01	8	Diesel		
Funks Pumping Generating Plant (PGP)-0303	Hydraulic Crane, 25 ton	Cranes	0.01	8	Diesel		
Funks Pumping Generating Plant (PGP)-0303	Grader, 30,000 Lbs.	Graders	0.00	8	Diesel		
Funks Pumping Generating Plant (PGP)-0303	Concrete Pump (Small)	Pumps	0.05	8	Diesel		
Funks Pumping Generating Plant (PGP)-0303	Gas Engine Vibrator	Other Construction Equipment	0.09	8	Gasoline		
Funks Pumping Generating Plant (PGP)-0303	Welder, Gas Engine, 300 amp	Welders	0.01	8	Gasoline		
Funks Pumping Generating Plant (PGP)-0304	Hyd. Excavator, .75 C.Y.	Excavators	0.19	8	Diesel		
Funks Pumping Generating Plant (PGP)-0304	Crew Truck	Pickups	0.06	8	Diesel		
Funks Pumping Generating Plant (PGP)-0304	Application Equipment	Other Construction Equipment	0.04	8	Diesel		
Funks Pumping Generating Plant (PGP)-0304	Lattice Boom Crane, 90 Ton	Cranes	0.01	8	Diesel		
Funks Pumping Generating Plant (PGP)-0304	Hyd. Crane, 12 Ton	Cranes	0.03	8	Diesel		
Funks Pumping Generating Plant (PGP)-0304	Hydraulic Crane, 25 ton	Cranes	0.02	8	Diesel		
Funks Pumping Generating Plant (PGP)-0304	S.P. Crane, 4x4, 5 Ton	Cranes	0.00	8	Diesel		
Funks Pumping Generating Plant (PGP)-0304	Grout Pump, 50 C.F./hr.	Pumps	0.04	8	Diesel		
Funks Pumping Generating Plant (PGP)-0304	Vibratory Roller, Towed, 23 Ton	Rollers	0.04	8	Diesel		
Funks Pumping Generating Plant (PGP)-0304	Dozer, 200 H.P.	Rubber Tired Dozers	0.04	8	Diesel		
Funks Pumping Generating Plant (PGP)-0304	Tar Kettle/Pot	Other Construction Equipment	0.04	8	Diesel		
Funks Pumping Generating Plant (PGP)-0304	Gas Engine Vibrator	Other Construction Equipment	0.02	8	Gasoline		
Funks Pumping Generating Plant (PGP)-0304	Welder, Gas Engine, 300 amp	Welders	0.04	8	Gasoline		
Funks Pumping Generating Plant (PGP)-0306	Asphalt Paver, 130 H.P.	Pavers	0.00	8	Diesel		
Funks Pumping Generating Plant (PGP)-0306	Earth Auger, Truck-Mtd.	Other Construction Equipment	0.01	8	Diesel		
Funks Pumping Generating Plant (PGP)-0306	Hyd. Excavator, 2.5 C.Y.	Excavators	1.04	8	Diesel		
Funks Pumping Generating Plant (PGP)-0306	Rammer/Tamper, Gas, 15"	Other Construction Equipment	0.14	8	Diesel		
Funks Pumping Generating Plant (PGP)-0306	Trowel, 48" Walk-Behind	Other Construction Equipment	0.16	8	Diesel		
Funks Pumping Generating Plant (PGP)-0306	Crawler Crane, 75 Ton	Cranes	0.20	8	Diesel		
Funks Pumping Generating Plant (PGP)-0306	Hydraulic Crane, 25 ton	Cranes	0.01	8	Diesel		
Funks Pumping Generating Plant (PGP)-0306	Manual Fence Post Auger, Gas	Other Construction Equipment	0.02	8	Gasoline		
Funks Pumping Generating Plant (PGP)-0306	Grader, 30,000 Lbs.	Graders	0.10	8	Diesel		
Funks Pumping Generating Plant (PGP)-0306	Concrete Pump (Small)	Pumps	0.08	8	Diesel		
Funks Pumping Generating Plant (PGP)-0306	Roller, Vibratory, 25 Ton	Rollers	0.04	8	Diesel		
Funks Pumping Generating Plant (PGP)-0306	Tandem Roller, 5 Ton	Rollers	0.01	8	Diesel		
Funks Pumping Generating Plant (PGP)-0306	Tandem Roller, 10 Ton	Rollers	0.01	8	Diesel		
Funks Pumping Generating Plant (PGP)-0306	Roller, Pneum. Whl., 12 Ton	Rollers	0.00	8	Diesel		
Funks Pumping Generating Plant (PGP)-0306	Sheepsfoot Roller, 240 H.P.	Rollers	0.20	8	Diesel		
Funks Pumping Generating Plant (PGP)-0306	Dozer, 300 H.P.	Rubber Tired Dozers	0.03	8	Diesel		
Funks Pumping Generating Plant (PGP)-0306	F.E. Loader, Crl, 1.5 C.Y.	Tractors/Loaders/Backhoes	0.01	8	Diesel		
Funks Pumping Generating Plant (PGP)-0306	F.E. Loader, W.M., 5.5 C.Y.	Tractors/Loaders/Backhoes	1.19	8	Diesel		
Funks Pumping Generating Plant (PGP)-0306	Truck Tractor, 220 H.P.	Off-Highway Tractors	0.18	8	Diesel		
Funks Pumping Generating Plant (PGP)-0306	Truck Tractor, 6x4, 380 H.P.	Off-Highway Tractors	2.97	8	Diesel		
Funks Pumping Generating Plant (PGP)-0306	Truck Tractor, 6x4, 450 H.P.	Off-Highway Tractors	0.01	8	Diesel		
Funks Pumping Generating Plant (PGP)-0306	Gas Engine Vibrator	Other Construction Equipment	0.16	8	Gasoline		
Funks Pumping Generating Plant (PGP)-0306	Welder, Gas Engine, 300 amp	Welders	0.20	8	Gasoline		

Note:

1. Number of equipment/day = Total Equipment Hours / 8 hours per day / Total number of days of the Sub-package.
2. Number of equipment in this table represents averages throughout each sub-package. It does not represent a typical day or peak day conditions.

Jacobs Calculations for #/days

Package		Equipment	total hours (Engineering Data)	hours per day	total equipment days @listed hours per day	total number of working days/phase	Number of equipment/day @ listed hours per day
		Trowel, 48" Walk-Behind	197.54	8	25	798	0.03
		Crawler Crane, 75 Ton	180.00	8	23	798	0.03
		Hydraulic Crane, 25 ton	257.94	8	32	798	0.04
		Grader, 30,000 Lbs.	36.19	8	5	798	0.01
		Concrete Pump (Small)	840.32	8	105	798	0.13
		Gas Engine Vibrator	1,680.64	8	210	798	0.26
		Welder, Gas Engine, 300 amp	500.00	8	63	798	0.08
		Hyd. Excavator, .75 C.Y.	83.34	8	10	328	0.03
		Trowel, 48" Walk-Behind	31.25	8	4	328	0.01
		Crawler Crane, 75 Ton	57.50	8	7	328	0.02
		Lattice Boom Crane, 90 Ton	32.00	8	4	328	0.01
		Hydraulic Crane, 25 ton	61.40	8	8	328	0.02
		S.P. Crane, 4x4, 5 Ton	10.00	8	1	328	0.00
		Grader, 30,000 Lbs.	5.73	8	1	328	0.00
		Concrete Pump (Small)	246.77	8	31	328	0.09
		Grout Pump, 50 C.F./hr.	23.31	8	3	328	0.01
		Vibratory Roller, Towed, 23 Ton	37.00	8	5	328	0.01
		Dozer, 200 H.P.	37.00	8	5	328	0.01
		Gas Engine Vibrator	550.66	8	69	328	0.21
		Welder, Gas Engine, 300 amp	115.28	8	14	328	0.04
		Trowel, 48" Walk-Behind	31.05	8	4	262	0.01
		Crawler Crane, 75 Ton	30.00	8	4	262	0.01
		Hydraulic Crane, 25 ton	20.04	8	3	262	0.01
		Grader, 30,000 Lbs.	5.69	8	1	262	0.00
		Concrete Pump (Small)	97.18	8	12	262	0.05
		Gas Engine Vibrator	194.36	8	24	262	0.09
		Welder, Gas Engine, 300 amp	30.00	8	4	262	0.01
		Hyd. Excavator, .75 C.Y.	394.81	8	49	261	0.19
		Crew Truck	132.79	8	17	261	0.06
		Application Equipment	74.22	8	9	261	0.04
		Lattice Boom Crane, 90 Ton	13.33	8	2	261	0.01
		Hyd. Crane, 12 Ton	58.57	8	7	261	0.03
		Hydraulic Crane, 25 ton	48.00	8	6	261	0.02
		S.P. Crane, 4x4, 5 Ton	10.00	8	1	261	0.00
		Grout Pump, 50 C.F./hr.	85.74	8	11	261	0.04
		Vibratory Roller, Towed, 23 Ton	74.28	8	9	261	0.04
		Dozer, 200 H.P.	74.28	8	9	261	0.04
		Tar Kettle/Pot	74.22	8	9	261	0.04
		Gas Engine Vibrator	40.78	8	5	261	0.02
		Welder, Gas Engine, 300 amp	92.85	8	12	261	0.04
		Asphalt Paver, 130 H.P.	11.83	8	1	327	0.00
		Earth Auger, Truck-Mtd.	20.00	8	3	327	0.01
		Hyd. Excavator, 2.5 C.Y.	2,708.88	8	339	327	1.04
		Rammer/Tamper, Gas, 15"	355.69	8	44	327	0.14
		Trowel, 48" Walk-Behind	421.15	8	53	327	0.16
		Crawler Crane, 75 Ton	526.50	8	66	327	0.20
		Hydraulic Crane, 25 ton	13.40	8	2	327	0.01
		Manual Fence Post Auger, Gas	46.67	8	6	327	0.02
		Grader, 30,000 Lbs.	263.28	8	33	327	0.10
		Concrete Pump (Small)	212.62	8	27	327	0.08
		Roller, Vibratory, 25 Ton	91.78	8	11	327	0.04
		Tandem Roller, 5 Ton	38.18	8	5	327	0.01
		Tandem Roller, 10 Ton	17.75	8	2	327	0.01
		Roller, Pneum. Whl., 12 Ton	11.83	8	1	327	0.00
		Sheepsfoot Roller, 240 H.P.	524.80	8	66	327	0.20
		Dozer, 300 H.P.	76.05	8	10	327	0.03
		F.E. Loader, Crl, 1.5 C.Y.	37.87	8	5	327	0.01
		F.E. Loader, W.M., 5.5 C.Y.	3,124.17	8	391	327	1.19
		Truck Tractor, 220 H.P.	480.3	8	60	327	0.18
		Truck Tractor, 6x4, 380 H.P.	7759.04	8	970	327	2.97
		Truck Tractor, 6x4, 450 H.P.	37.87	8	5	327	0.01
		Gas Engine Vibrator	425.24	8	53	327	0.16
		Welder, Gas Engine, 300 am	526.5	8	66	327	0.20

Jacobs Equipment Types

Equipment	General Type	Fuel Type
Asphalt Paver, 130 H.P.	Pavers	Diesel
Horz. Boring Csg. Mch.	Bore/Drill Rigs	Diesel
Hyd. Excavator, 1.5 C.Y.	Excavators	Diesel
Hyd. Excavator, 2.5 C.Y.	Excavators	Diesel
Backhoe Loader, 48 H.P.	Tractors/Loaders/Backhoes	Diesel
Crawler Crane, 75 Ton	Cranes	Diesel
Hydraulic Crane, 25 ton	Cranes	Diesel
Hyd. Crane, 55 Ton	Cranes	Diesel
S.P. Crane, 4x4, 12 Ton	Cranes	Diesel
Grader, 30,000 Lbs.	Graders	Diesel
Concrete Pump (Small)	Pumps	Diesel
Grout Pump, 50 C.F./hr.	Pumps	Diesel
Roller, Vibratory, 25 Ton	Rollers	Diesel
Tandem Roller, 10 Ton	Rollers	Diesel
Roller, Pneum. Whl., 12 Ton	Rollers	Diesel
Sheepsfoot Roller, 240 H.P.	Rollers	Diesel
S.P. Scraper, 14 C.Y.	Scrapers	Diesel
Dozer, 200 H.P.	Rubber Tired Dozers	Diesel
Dozer, 300 H.P.	Rubber Tired Dozers	Diesel
F.E. Loader, Crl, 1.5 C.Y.	Tractors/Loaders/Backhoes	Diesel
F.E. Loader, W.M., 5.5 C.Y.	Tractors/Loaders/Backhoes	Diesel
Dump Truck, 12 C.Y., 400 H.P.	Off-Highway Trucks	Diesel
Water Tank Trailer, 5000 Gal.	Off-Highway Trucks	Diesel
Dump Trailer, 20 C.Y.	Off-Highway Trucks	Diesel
Truck Tractor, 220 H.P.	Off-Highway Tractors	Diesel
Truck Tractor, 6x4, 380 H.P.	Off-Highway Tractors	Diesel
Truck Tractor, 6x4, 450 H.P.	Off-Highway Tractors	Diesel
Gas Engine Vibrator	Other Construction Equipment	Gasoline
Welder, Electric, 300 amp	Welders	Electric
Welder, Gas Engine, 300 amp	Welders	Gasoline
Rammer/Tamper, Gas, 15"	Other Construction Equipment	Diesel
Trowel, 48" Walk-Behind	Other Construction Equipment	Diesel
Lattice Boom Crane, 40 Ton	Cranes	Diesel
Tandem Roller, 5 Ton	Rollers	Diesel
Clamshell Bucket, .5 C.Y.	Other Construction Equipment	Diesel
Crawler Crane, 15 Ton	Cranes	Diesel
20' Suction Hose, 6"	Pumps	Diesel
50' Discharge Hose, 6"	Pumps	Diesel
Centr. Water Pump, 6"	Pumps	Diesel
Clamshell Bucket, 1 C.Y.	Other Construction Equipment	Diesel
Crawler Crane, 25 Ton	Cranes	Diesel
Crawler Loader, 3 C.Y.	Tractors/Loaders/Backhoes	Diesel
Dist. Tanker, 3000 Gallon	Off-Highway Trucks	Diesel
Dump Truck, 8 C.Y., 220 H.P.	Off-Highway Trucks	Diesel
Dump Truck, Off Hwy., 65 Ton	Off-Highway Trucks	Diesel
Hyd. Crane, 12 Ton	Cranes	Diesel
Hyd. Excavator, .75 C.Y.	Excavators	Diesel
Lattice Boom Crane, 90 Ton	Cranes	Diesel
S.P. Crane, 4x4, 5 Ton	Cranes	Diesel
S.P. Scraper, 21 C.Y.	Scapters	Diesel
Vibratory Roller, Towed, 23 Ton	Rollers	Diesel
Crew Truck	Pickups	Diesel
Application Equipment	Other Construction Equipment	Diesel
Tar Kettle/Pot	Other Construction Equipment	Diesel
Earth Auger, Truck-Mtd.	Other Construction Equipment	Diesel
Manual Fence Post Auger, Gas	Other Construction Equipment	Gasoline
Flatbed Truck, Gas, 1.5 Ton	Off-Highway Trucks	Diesel
Flatbed Truck, Gas, 3 Ton	Off-Highway Trucks	Diesel

Vehicle Inventory for

Funks Pumping Generating Plant (PGP) 03

Code	Vehicle	Primary Trip Purpose/Location (within construction footprint vs. offsite)	# of Vehicles	One-Way Trips/Day	Miles per Trip	Fuel Type	Fuel (gal/day) (if known)
Funks Pumping Generating Plant (PGP)-0302	Dump Truck, 8 C.Y., 220 H.P.	Onsite	1	2.3	1	Diesel	
Funks Pumping Generating Plant (PGP)-0304	Dump Truck, 8 C.Y., 220 H.P.	Onsite	1	2.6	1	Diesel	
Funks Pumping Generating Plant (PGP)-0306	Flatbed Truck, Gas, 1.5 Ton	Onsite	1	1.4	1	Diesel	
Funks Pumping Generating Plant (PGP)-0306	Flatbed Truck, Gas, 3 Ton	Onsite	1	0.6	1	Diesel	
Funks Pumping Generating Plant (PGP)-0306	Water Tank Trailer, 5000 Gal.	Onsite	1	15.8	1	Diesel	
Funks Pumping Generating Plant (PGP)-0306	Dump Trailer, 20 C.Y.	Onsite	1	237.3	1	Diesel	
Funks Pumping Generating Plant (PGP)-0306	Dump Truck - 20 cy	Offsite/Haul	1	23.1	25	Diesel	
Funks Pumping Generating Plant (PGP)-0306	Pipe Hauling Trucks	Offsite/Haul	1	0.3	120	Diesel	

Note:

1. Onsite water truck and dump truck numbers and miles per trip were set to 1.
2. The one-way trips/day were estimated by dividing the total number of trips by the number of days of the sub-package.
3. Number of trips per day in this table represents averages throughout each sub-package. It does not represent a typical day or peak day conditions.

	Equipment	total hours (Engineering Data)	total number of working days/phase	average hours/day	Miles/day (assume 10 miles/hour)
	Dump Truck, 8 C.Y., 220 H.P.	74.00	328	0.23	2.3
	Dump Truck, 8 C.Y., 220 H.P.	68.81	261	0.26	2.6
	Flatbed Truck, Gas, 1.5 Ton	46.67	327	0.14	1.4
	Flatbed Truck, Gas, 3 Ton	20.00	327	0.06	0.6
	Water Tank Trailer, 5000 Gal.	518.17	327	1.58	15.8
	Dump Trailer, 20 C.Y.	7,759.04	327	23.73	237.3
	Total amount	Assumption	One-way trips total	Number of days	
	75650	Assume 20 cy per load	7,565	327	
	1850	Assume avg 35' per load	106	327	

Employees Required to Construct**Funks Pumping Generating Pl 03**

Code	Vehicle Type	# of Employees/Day	One-Way Trips/Day	Miles per Trip
Funks Pumping Generating Plant (PGP)-0301	Employee	9	18	60.0
Funks Pumping Generating Plant (PGP)-0302	Employee	7	14	60.0
Funks Pumping Generating Plant (PGP)-0303	Employee	3	6	60.0
Funks Pumping Generating Plant (PGP)-0304	Employee	10	20	60.0
Funks Pumping Generating Plant (PGP)-0305	Employee	0	0	61.0
Funks Pumping Generating Plant (PGP)-0306	Employee	14	28	61.0

Note:

Note:

1. Worker trips assumed that the trips would be from Sacramento (68 miles), Willows (19 miles), Williams (9 miles), and Red Bluff (60 miles). One-way c
2. Number of trips per day in this table represents averages throughout each sub-package. It does not represent a typical day or peak day conditions.

Jacobs Calculations

Subpackage	Total labor hours (Engineering Data)	Hours per employee/day	Total days of construction	#employees/d ay	one-way Trips/day
01	54284	8	798	9	18
02	18140	8	328	7	14
03	5931	8	262	3	6
04	19317	8	261	10	20
05	0	8	457	0	0
06	36293	8	327	14	28

Labor hours for electrical work was not modeled, and were assumed to be negligible compared to other sub-packages.

distance of 60 miles was used.

Earthmoving/Paving Assumptions for

Funks Pumping Gene 03

Code	<i>Daily</i>				<i>Total</i>			
	Stripping or Grading (acres/day)	Borrow/Excavate (cy/day)	Dredge (cy/day)	Paving (sf/day)	Stripping or Grading (total acres)	Borrow/Excavate (total cy)	Dredge (total cy)	Paving (total sf)
Funks Pumping Generating Plant (PGP)-0301	0.002	0.0	0.0	0.0	1.0	0.0	0.0	0.0
Funks Pumping Generating Plant (PGP)-0302	0.0	4.3	0.0	0.0	0.2	703.3	0.0	0.0
Funks Pumping Generating Plant (PGP)-0303	0.001	0.0	0.0	0.0	0.2	0.0	0.0	0.0
Funks Pumping Generating Plant (PGP)-0304	0.0000	22.6	0.0	0.0	0.000	2948.8	0.0	0.0
Funks Pumping Generating Plant (PGP)-0305	0.0000	0.0	0.0	0.0	0.000	0.0	0.0	0.0
Funks Pumping Generating Plant (PGP)-0306	0.0425	2113.3	0.0	258.3	6.945	345520.0	0.0	42228.0

Note:

1. Daily amounts were estimated using 50% of construction days.

Jacobs Calculations

Total # days/subpackage	Total # days/earthmoving -paving
798	399
328	164
262	131
261	130.5
457	228.5
327	163.5