

Schedule	Construction Phase	Off-Road Equipment Modeled in CalEEMod	Equipment Amount	Hours of Operation	Haul Trucks ¹	One-Way Trip Distance
12/30/2019 - 02/07/2020	01 Pre-Construction Activities	Excavators	2	3	3 Trucks/Day	10 miles
	01 Pre-Construction Activities	Graders	2	5		
	01 Pre-Construction Activities	Off-Highway Trucks	2	3		
	01 Pre-Construction Activities	Off-Highway Trucks	2	4		
	01 Pre-Construction Activities	Off-Highway Trucks	1	4		
	01 Pre-Construction Activities	Other Construction Equipment	2	4		
	01 Pre-Construction Activities	Tractors/Loaders/Backhoes	2	4		
	01 Pre-Construction Activities	Tractors/Loaders/Backhoes	1	4		
01/21/2020 - 04/16/2020	02 Access Road Construction/Refreshing	Graders	1	6	2 Trucks/Day	10 miles
	02 Access Road Construction/Refreshing	Off-Highway Tractors	1	4		
	02 Access Road Construction/Refreshing	Off-Highway Trucks	2	5		
01/21/2020 - 03/05/2020	03 Material Haul	Cranes	2	4	None (*Truck emissions captured in individual activities)	N/A
	03 Material Haul	Forklifts	2	4		
01/21/2020 - 02/27/2020	04.1 Auger Holes, Direct Bury Poles - Seg 1	Air Compressors	2	4	1 Trucks/Day	10 miles
	04.1 Auger Holes, Direct Bury Poles - Seg 1	Bore/Drill Rigs	2	6		
	04.1 Auger Holes, Direct Bury Poles - Seg 1	Bore/Drill Rigs	1	4		
	04.1 Auger Holes, Direct Bury Poles - Seg 1	Off-Highway Trucks	2	6		
	04.1 Auger Holes, Direct Bury Poles - Seg 1	Off-Highway Trucks	2	5		
	04.1 Auger Holes, Direct Bury Poles - Seg 1	Off-Highway Trucks	2	4		
	04.1 Auger Holes, Direct Bury Poles - Seg 1	Off-Highway Trucks	2	4		
	04.1 Auger Holes, Direct Bury Poles - Seg 1	Tractors/Loaders/Backhoes	1	3		
01/21/2020 - 03/26/2020	05.1 Foundation Construction (Pier) - Seg 1	Air Compressors	1	4	2 Trucks/Day	10 miles
	05.1 Foundation Construction (Pier) - Seg 1	Bore/Drill Rigs	1	7		
	05.1 Foundation Construction (Pier) - Seg 1	Excavators	1	4		
	05.1 Foundation Construction (Pier) - Seg 1	Forklifts	1	3		
	05.1 Foundation Construction (Pier) - Seg 1	Generator Sets	1	3		
	05.1 Foundation Construction (Pier) - Seg 1	Off-Highway Trucks	1	3		
	05.1 Foundation Construction (Pier) - Seg 1	Off-Highway Trucks	1	4		
	05.1 Foundation Construction (Pier) - Seg 1	Off-Highway Trucks	1	3		
02/28/2020 - 04/10/2020	04.2 Auger Holes, Direct Bury Poles - Seg 2	Air Compressors	2	4	1 Truck/Day	10 miles
	04.2 Auger Holes, Direct Bury Poles - Seg 2	Bore/Drill Rigs	2	6		
	04.2 Auger Holes, Direct Bury Poles - Seg 2	Bore/Drill Rigs	1	4		
	04.2 Auger Holes, Direct Bury Poles - Seg 2	Off-Highway Trucks	2	6		
	04.2 Auger Holes, Direct Bury Poles - Seg 2	Off-Highway Trucks	2	5		
	04.2 Auger Holes, Direct Bury Poles - Seg 2	Off-Highway Trucks	2	4		
	04.2 Auger Holes, Direct Bury Poles - Seg 2	Off-Highway Trucks	2	4		
	04.2 Auger Holes, Direct Bury Poles - Seg 2	Tractors/Loaders/Backhoes	1	3		
02/28/2020 - 04/10/2020	06.1 Structure Installation and Assembly - Seg 1	Off-Highway Trucks	2	4	None	N/A
	06.1 Structure Installation and Assembly - Seg 1	Off-Highway Trucks	3	6		
	06.1 Structure Installation and Assembly - Seg 1	Off-Highway Trucks	2	5		
	06.1 Structure Installation and Assembly - Seg 1	Off-Highway Trucks	3	6		
02/28/2020 - 03/19/2020	10.1 Substation Work (San Marcos) below grade	Bore/Drill Rigs	1	4	1 Truck/Day	10 miles
	10.1 Substation Work (San Marcos) below grade	Off-Highway Trucks	1	1		
	10.1 Substation Work (San Marcos) below grade	Off-Highway Trucks	1	4		
	10.1 Substation Work (San Marcos) below grade	Trenchers	1	3		
03/02/2020 - 07/15/2020	08 Trenching for Installation of Underground Cables	Cranes	1	4	None	N/A
	08 Trenching for Installation of Underground Cables	Off-Highway Tractors	1	3		
	08 Trenching for Installation of Underground Cables	Off-Highway Trucks	2	3		
	08 Trenching for Installation of Underground Cables	Off-Highway Trucks	1	3		
	08 Trenching for Installation of Underground Cables	Off-Highway Trucks	1	4		
	08 Trenching for Installation of Underground Cables	Other Construction Equipment	1	3		
	08 Trenching for Installation of Underground Cables	Other Construction Equipment	1	4		
08 Trenching for Installation of Underground Cables	Tractors/Loaders/Backhoes	1	3			

03/20/2020 - 04/09/2020	10.2 Substation Work (San Marcos) above grade	Off-Highway Tractors	1	1	1 Truck/Day	10 miles
	10.2 Substation Work (San Marcos) above grade	Off-Highway Trucks	1	1		
	10.2 Substation Work (San Marcos) above grade	Off-Highway Trucks	1	3		
	10.2 Substation Work (San Marcos) above grade	Off-Highway Trucks	1	3		
	10.2 Substation Work (San Marcos) above grade	Off-Highway Trucks	1	1		
	10.2 Substation Work (San Marcos) above grade	Off-Highway Trucks	1	1		
	10.2 Substation Work (San Marcos) above grade	Off-Highway Trucks	1	3		
	10.2 Substation Work (San Marcos) above grade	Off-Highway Trucks	1	3		
	10.2 Substation Work (San Marcos) above grade	Off-Highway Trucks	2	1		
	10.2 Substation Work (San Marcos) above grade	Off-Highway Trucks	1	1		
	10.2 Substation Work (San Marcos) above grade	Off-Highway Trucks	1	1		
03/27/2020 - 07/13/2020	05.2 Foundation Construction (Pier) - Seg 2	Air Compressors	1	4	4 Trucks/Day	10 miles
	05.2 Foundation Construction (Pier) - Seg 2	Bore/Drill Rigs	1	7		
	05.2 Foundation Construction (Pier) - Seg 2	Excavators	1	4		
	05.2 Foundation Construction (Pier) - Seg 2	Forklifts	1	3		
	05.2 Foundation Construction (Pier) - Seg 2	Generator Sets	1	3		
	05.2 Foundation Construction (Pier) - Seg 2	Off-Highway Trucks	1	3		
	05.2 Foundation Construction (Pier) - Seg 2	Off-Highway Trucks	1	4		
	05.2 Foundation Construction (Pier) - Seg 2	Off-Highway Trucks	1	3		
	05.2 Foundation Construction (Pier) - Seg 2	Tractors/Loaders/Backhoes	1	3		
04/10/2020 - 04/13/2020	04.3 Auger Holes, Direct Bury Poles - Seg 3	Air Compressors	2	4	1 Truck/Day	10 miles
	04.3 Auger Holes, Direct Bury Poles - Seg 3	Bore/Drill Rigs	2	6		
	04.3 Auger Holes, Direct Bury Poles - Seg 3	Bore/Drill Rigs	1	4		
	04.3 Auger Holes, Direct Bury Poles - Seg 3	Off-Highway Trucks	2	6		
	04.3 Auger Holes, Direct Bury Poles - Seg 3	Off-Highway Trucks	2	5		
	04.3 Auger Holes, Direct Bury Poles - Seg 3	Off-Highway Trucks	2	4		
	04.3 Auger Holes, Direct Bury Poles - Seg 3	Off-Highway Trucks	2	4		
	04.3 Auger Holes, Direct Bury Poles - Seg 3	Tractors/Loaders/Backhoes	1	3		
04/13/2020 - 07/15/2020	06.2 Structure Installation and Assembly - Seg 2	Off-Highway Trucks	2	4	1 Truck/Day	10 miles
	06.2 Structure Installation and Assembly - Seg 2	Off-Highway Trucks	3	6		
	06.2 Structure Installation and Assembly - Seg 2	Off-Highway Trucks	2	5		
	06.2 Structure Installation and Assembly - Seg 2	Off-Highway Trucks	3	6		
04/13/2020 - 06/26/2020	07.1 Stringing Activities/Transfer Conductor/Sagging Activities - Seg 1	Forklifts	1	3	1 Truck/Day	10 miles
	07.1 Stringing Activities/Transfer Conductor/Sagging Activities - Seg 1	Off-Highway Trucks	2	6		
	07.1 Stringing Activities/Transfer Conductor/Sagging Activities - Seg 1	Off-Highway Trucks	2	4		
	07.1 Stringing Activities/Transfer Conductor/Sagging Activities - Seg 1	Off-Highway Trucks	2	4		
	07.1 Stringing Activities/Transfer Conductor/Sagging Activities - Seg 1	Off-Highway Trucks	1	4		
	07.1 Stringing Activities/Transfer Conductor/Sagging Activities - Seg 1	Off-Highway Trucks	1	5		
	07.1 Stringing Activities/Transfer Conductor/Sagging Activities - Seg 1	Other Construction Equipment	1	6		
	07.1 Stringing Activities/Transfer Conductor/Sagging Activities - Seg 1	Other Construction Equipment	1	6		
	07.1 Stringing Activities/Transfer Conductor/Sagging Activities - Seg 1	Other Construction Equipment	1	6		
06/01/2020 - 06/15/2020	05.3 Foundation Construction (Pier) - Seg 3	Air Compressors	1	4	6 Trucks/Day	10 miles
	05.3 Foundation Construction (Pier) - Seg 3	Bore/Drill Rigs	1	7		
	05.3 Foundation Construction (Pier) - Seg 3	Excavators	1	4		
	05.3 Foundation Construction (Pier) - Seg 3	Forklifts	1	3		
	05.3 Foundation Construction (Pier) - Seg 3	Generator Sets	1	3		
	05.3 Foundation Construction (Pier) - Seg 3	Off-Highway Trucks	1	3		
	05.3 Foundation Construction (Pier) - Seg 3	Off-Highway Trucks	1	4		
	05.3 Foundation Construction (Pier) - Seg 3	Off-Highway Trucks	1	3		
	05.3 Foundation Construction (Pier) - Seg 3	Tractors/Loaders/Backhoes	1	3		
06/08/2020 - 07/01/2020	06.3 Structure Installation and Assembly - Seg 3	Off-Highway Trucks	2	4	1 Truck/Day	10 miles
	06.3 Structure Installation and Assembly - Seg 3	Off-Highway Trucks	3	6		
	06.3 Structure Installation and Assembly - Seg 3	Off-Highway Trucks	2	5		
	06.3 Structure Installation and Assembly - Seg 3	Off-Highway Trucks	3	6		
06/08/2020 - 06/26/2020	10.3 Substation Work (Escondido) below grade	Bore/Drill Rigs	1	4	1 Truck/Day	10 miles
	10.3 Substation Work (Escondido) below grade	Off-Highway Trucks	1	1		
	10.3 Substation Work (Escondido) below grade	Off-Highway Trucks	1	4		

	10.3 Substation Work (Escondido) below grade	Trenchers	1	3		
	10.4 Substation Work (Escondido) above grade	Off-Highway Trucks	1	1		
	10.4 Substation Work (Escondido) above grade	Off-Highway Trucks	1	1		
	10.4 Substation Work (Escondido) above grade	Off-Highway Trucks	1	3		
	10.4 Substation Work (Escondido) above grade	Off-Highway Trucks	1	3		
	10.4 Substation Work (Escondido) above grade	Off-Highway Trucks	1	1		
06/27/2020 - 07/17/2020	10.4 Substation Work (Escondido) above grade	Off-Highway Trucks	1	1	1 Truck/Day	10 miles
	10.4 Substation Work (Escondido) above grade	Off-Highway Trucks	1	3		
	10.4 Substation Work (Escondido) above grade	Off-Highway Trucks	1	3		
	10.4 Substation Work (Escondido) above grade	Off-Highway Trucks	2	1		
	10.4 Substation Work (Escondido) above grade	Off-Highway Trucks	1	1		
	10.4 Substation Work (Escondido) above grade	Off-Highway Trucks	1	1		
	07.2 Stringing Activities/Transfer Conductor/Sagging Activities - Seg 2	Forklifts	1	3		
	07.2 Stringing Activities/Transfer Conductor/Sagging Activities - Seg 2	Off-Highway Trucks	2	6		
	07.2 Stringing Activities/Transfer Conductor/Sagging Activities - Seg 2	Off-Highway Trucks	2	4		
06/29/2020 - 08/12/2020	07.2 Stringing Activities/Transfer Conductor/Sagging Activities - Seg 2	Off-Highway Trucks	2	4	2 Trucks/Day	10 miles
	07.2 Stringing Activities/Transfer Conductor/Sagging Activities - Seg 2	Off-Highway Trucks	1	4		
	07.2 Stringing Activities/Transfer Conductor/Sagging Activities - Seg 2	Off-Highway Trucks	1	5		
	07.2 Stringing Activities/Transfer Conductor/Sagging Activities - Seg 2	Other Construction Equipment	1	6		
	07.2 Stringing Activities/Transfer Conductor/Sagging Activities - Seg 2	Other Construction Equipment	1	6		
	09.1 Demobilization/ROW Restoration and Cleanup/Road Refreshing - Seg 1	Excavators	1	4		
	09.1 Demobilization/ROW Restoration and Cleanup/Road Refreshing - Seg 1	Graders	1	4		
	09.1 Demobilization/ROW Restoration and Cleanup/Road Refreshing - Seg 1	Off-Highway Trucks	1	5		
	09.1 Demobilization/ROW Restoration and Cleanup/Road Refreshing - Seg 1	Off-Highway Trucks	2	4		
06/29/2020 - 08/13/2020	09.1 Demobilization/ROW Restoration and Cleanup/Road Refreshing - Seg 1	Off-Highway Trucks	1	4	1 Truck/Day	10 miles
	09.1 Demobilization/ROW Restoration and Cleanup/Road Refreshing - Seg 1	Other Construction Equipment	1	4		
	09.1 Demobilization/ROW Restoration and Cleanup/Road Refreshing - Seg 1	Tractors/Loaders/Backhoes	1	4		
	09.1 Demobilization/ROW Restoration and Cleanup/Road Refreshing - Seg 1	Tractors/Loaders/Backhoes	1	4		
	09.1 Demobilization/ROW Restoration and Cleanup/Road Refreshing - Seg 1	Tractors/Loaders/Backhoes	1	4		
	07.3 Stringing Activities/Transfer Conductor/Sagging Activities - Seg 3	Forklifts	1	3		
	07.3 Stringing Activities/Transfer Conductor/Sagging Activities - Seg 3	Off-Highway Trucks	2	6		
	07.3 Stringing Activities/Transfer Conductor/Sagging Activities - Seg 3	Off-Highway Trucks	2	4		
08/13/2020 - 09/28/2020	07.3 Stringing Activities/Transfer Conductor/Sagging Activities - Seg 3	Off-Highway Trucks	2	4	1 Truck/Day	10 miles
	07.3 Stringing Activities/Transfer Conductor/Sagging Activities - Seg 3	Off-Highway Trucks	1	4		
	07.3 Stringing Activities/Transfer Conductor/Sagging Activities - Seg 3	Off-Highway Trucks	1	5		
	07.3 Stringing Activities/Transfer Conductor/Sagging Activities - Seg 3	Other Construction Equipment	1	6		
	07.3 Stringing Activities/Transfer Conductor/Sagging Activities - Seg 3	Other Construction Equipment	1	6		
	09.3 Demobilization/ROW Restoration and Cleanup/Road Refreshing - Seg 3	Excavators	1	4		
	09.3 Demobilization/ROW Restoration and Cleanup/Road Refreshing - Seg 3	Graders	1	4		
	09.3 Demobilization/ROW Restoration and Cleanup/Road Refreshing - Seg 3	Off-Highway Trucks	1	5		
	09.3 Demobilization/ROW Restoration and Cleanup/Road Refreshing - Seg 3	Off-Highway Trucks	2	4		
08/14/2020 - 10/15/2020	09.3 Demobilization/ROW Restoration and Cleanup/Road Refreshing - Seg 3	Off-Highway Trucks	1	4	1 Truck/Day	10 miles
	09.3 Demobilization/ROW Restoration and Cleanup/Road Refreshing - Seg 3	Other Construction Equipment	1	4		
	09.3 Demobilization/ROW Restoration and Cleanup/Road Refreshing - Seg 3	Tractors/Loaders/Backhoes	1	4		
	09.3 Demobilization/ROW Restoration and Cleanup/Road Refreshing - Seg 3	Tractors/Loaders/Backhoes	1	4		
	09.3 Demobilization/ROW Restoration and Cleanup/Road Refreshing - Seg 3	Tractors/Loaders/Backhoes	1	4		
	09.2 Demobilization/ROW Restoration and Cleanup/Road Refreshing - Seg 2	Excavators	1	4		
	09.2 Demobilization/ROW Restoration and Cleanup/Road Refreshing - Seg 2	Graders	1	4		
	09.2 Demobilization/ROW Restoration and Cleanup/Road Refreshing - Seg 2	Off-Highway Trucks	1	5		
	09.2 Demobilization/ROW Restoration and Cleanup/Road Refreshing - Seg 2	Off-Highway Trucks	2	4		
09/29/2020 - 11/12/2020	09.2 Demobilization/ROW Restoration and Cleanup/Road Refreshing - Seg 2	Off-Highway Trucks	1	4	1 Truck/Day	10 miles
	09.2 Demobilization/ROW Restoration and Cleanup/Road Refreshing - Seg 2	Other Construction Equipment	1	4		
	09.2 Demobilization/ROW Restoration and Cleanup/Road Refreshing - Seg 2	Tractors/Loaders/Backhoes	1	4		
	09.2 Demobilization/ROW Restoration and Cleanup/Road Refreshing - Seg 2	Tractors/Loaders/Backhoes	1	4		
	09.2 Demobilization/ROW Restoration and Cleanup/Road Refreshing - Seg 2	Tractors/Loaders/Backhoes	1	4		

¹ 16-cy trucks (CalEEMod default) was used for each construction phase.