

APPENDIX 3.3-A, APPENDIX C: CONSTRUCTION EMISSIONS ASSUMPTIONS

Code	Section	Profile	Alternative(s)	Phase	Start Date	End Date	Working Days
4KS-101	4th & King Station	4th and King Station At Grade	A, B	Demolition	11/22/2021	12/20/2021	21
4KS-102	4th & King Station	4th and King Station At Grade	A, B	Grading	12/20/2021	2/14/2022	41
4KS-201	4th & King Station	4th and King Station At Grade	A, B	Utilities	2/14/2022	3/14/2022	21
4KS-202	4th & King Station	4th and King Station At Grade	A, B	Footings / Foundations Excavation	2/28/2022	5/23/2022	61
4KS-203	4th & King Station	4th and King Station At Grade	A, B	Pour Footings / Retaining Walls	5/9/2022	6/6/2022	21
4KS-301	4th & King Station	4th and King Station At Grade	A, B	Erect Building Frames	5/23/2022	9/12/2022	81
4KS-302	4th & King Station	4th and King Station At Grade	A, B	Shell / Interior Equipment	8/29/2022	6/5/2023	201
4KS-303	4th & King Station	4th and King Station At Grade	A, B	Roof	5/22/2023	6/19/2023	21
4KS-401	4th & King Station	4th and King Station At Grade	A, B	Exterior Concrete	6/12/2023	8/7/2023	41
4KS-402	4th & King Station	4th and King Station At Grade	A, B	Paving	7/24/2023	8/21/2023	21
4KS-403	4th & King Station	4th and King Station At Grade	A, B	Finish Grading / Landscaping	8/21/2023	9/11/2023	16
4KS-501	4th & King Station	4th and King Station At Grade	A, B	Commissioning	9/11/2023	1/1/2024	81
MS-101	Millbrae Station	Milbrae Station At Grade	A, B	Demolition	11/22/2021	12/20/2021	21
MS-102	Millbrae Station	Milbrae Station At Grade	A, B	Grading	12/20/2021	2/14/2022	41
MS-201	Millbrae Station	Milbrae Station At Grade	A, B	Utilities	2/14/2022	3/14/2022	21
MS-202	Millbrae Station	Milbrae Station At Grade	A, B	Footings / Foundations Excavation	2/28/2022	5/23/2022	61
MS-203	Millbrae Station	Milbrae Station At Grade	A, B	Pour Footings / Retaining Walls	5/9/2022	6/6/2022	21
MS-301	Millbrae Station	Milbrae Station At Grade	A, B	Erect Building Frames	5/23/2022	9/12/2022	81
MS-302	Millbrae Station	Milbrae Station At Grade	A, B	Shell / Interior Equipment	8/29/2022	6/5/2023	201
MS-303	Millbrae Station	Milbrae Station At Grade	A, B	Roof	5/22/2023	6/19/2023	21
MS-401	Millbrae Station	Milbrae Station At Grade	A, B	Exterior Concrete	6/12/2023	8/7/2023	41
MS-402	Millbrae Station	Milbrae Station At Grade	A, B	Paving	7/24/2023	8/21/2023	21
MS-403	Millbrae Station	Milbrae Station At Grade	A, B	Finish Grading / Landscaping	8/21/2023	9/11/2023	16
MS-501	Millbrae Station	Milbrae Station At Grade	A, B	Demolition	11/22/2021	12/20/2021	81
LMF-101	Light Maintenance Facility	Light Maintenance Facility At Grade	A, B	Grading	12/20/2021	1/17/2022	21
LMF-102	Light Maintenance Facility	Light Maintenance Facility At Grade	A, B	Utilities	1/17/2022	1/31/2022	21
LMF-201	Light Maintenance Facility	Light Maintenance Facility At Grade	A, B	Footings / Foundations Excavation	1/31/2022	2/28/2022	11
LMF-202	Light Maintenance Facility	Light Maintenance Facility At Grade	A, B	Pour Footings / Retaining Walls	2/28/2022	3/28/2022	21
LMF-203	Light Maintenance Facility	Light Maintenance Facility At Grade	A, B	Erect Building Frames	3/28/2022	5/23/2022	21
LMF-301	Light Maintenance Facility	Light Maintenance Facility At Grade	A, B	Shell / Interior Equipment	5/23/2022	9/12/2022	41
LMF-302	Light Maintenance Facility	Light Maintenance Facility At Grade	A, B	Roof	9/12/2022	10/10/2022	81
LMF-303	Light Maintenance Facility	Light Maintenance Facility At Grade	A, B	Exterior Concrete	10/10/2022	10/31/2022	21
LMF-401	Light Maintenance Facility	Light Maintenance Facility At Grade	A, B	Paving	10/24/2022	11/14/2022	16
LMF-402	Light Maintenance Facility	Light Maintenance Facility At Grade	A, B	Finish Grading / Landscaping	11/7/2022	12/5/2022	16
LMF-403	Light Maintenance Facility	Light Maintenance Facility At Grade	A, B	Track Bed Construction	3/14/2022	12/19/2022	21
LMF-501	Light Maintenance Facility	Light Maintenance Facility At Grade	A, B	Track & Signal	12/19/2022	1/16/2023	201
LMF-502	Light Maintenance Facility	Light Maintenance Facility At Grade	A, B	Track Subgrade Construction	11/13/2023	7/4/2025	21
A-1 At Grade4-101	San Francisco to South San Francisco Subsection	SF to SSF At Grade	A, B	Utility Relocation	6/28/2021	3/29/2024	720
A-1 At Grade4-102	San Francisco to South San Francisco Subsection	SF to SSF At Grade	A, B	Demolition	6/28/2021	3/29/2024	720
A-1 At Grade4-103	San Francisco to South San Francisco Subsection	SF to SSF At Grade	A, B	Removal of Existing Track	7/12/2021	10/20/2023	595
A-1 At Grade4-201	San Francisco to South San Francisco Subsection	SF to SSF At Grade	A, B	Track Subgrade Construction	9/27/2021	2/3/2025	876
A-1 At Grade4-301	San Francisco to South San Francisco Subsection	SF to SSF At Grade	A, B	Track Ballasted	12/2/2024	12/8/2025	266
A-1 At Grade4-302	San Francisco to South San Francisco Subsection	SF to SSF At Grade	A, B	Track & Signal	12/2/2024	12/8/2025	266
A-1 At Grade2-101	San Francisco to South San Francisco Subsection	SF to SSF At Grade	A, B	Utility Relocation	6/28/2021	11/25/2024	891
A-1 At Grade2-102	San Francisco to South San Francisco Subsection	SF to SSF At Grade	A, B	Demolition	6/28/2021	11/25/2024	891
A-1 At Grade2-103	San Francisco to South San Francisco Subsection	SF to SSF At Grade	A, B	Removal of Existing Track	7/5/2021	11/18/2024	881
A-1 At Grade2-201	San Francisco to South San Francisco Subsection	SF to SSF At Grade	A, B	Track Subgrade Construction	8/9/2021	2/3/2025	911
A-1 At Grade2-301	San Francisco to South San Francisco Subsection	SF to SSF At Grade	A, B	Track Ballasted	12/2/2024	12/8/2025	266
A-1 At Grade2-302	San Francisco to South San Francisco Subsection	SF to SSF At Grade	A, B	Track & Signal	12/2/2024	12/8/2025	266
A-2 Berm2-101	San Bruno to San Mateo Subsection	SB to SM Berm	A, B	Utility Relocation	6/28/2021	10/15/2021	80
A-2 Berm2-102	San Bruno to San Mateo Subsection	SB to SM Berm	A, B	Demolition	7/12/2021	10/1/2021	60
A-2 Berm2-103	San Bruno to San Mateo Subsection	SB to SM Berm	A, B	Excavate Contaminated Materials	7/26/2021	10/1/2021	50
A-2 Berm2-104	San Bruno to San Mateo Subsection	SB to SM Berm	A, B	Misc Concrete and Prep	8/2/2021	8/27/2021	20
A-2 Berm2-201	San Bruno to San Mateo Subsection	SB to SM Berm	A, B	Place Starter Panels for Walls	8/9/2021	5/13/2022	200
A-2 Berm2-202	San Bruno to San Mateo Subsection	SB to SM Berm	A, B	Place Fill Material	10/18/2021	5/26/2023	420

Code	Section	Profile	Alternative(s)	Phase	Start Date	End Date	Working Days
A-2 Berm2-203	San Bruno to San Mateo Subsection	SB to SM Berm	A, B	Place Panels and Straps	10/18/2021	5/26/2023	420
A-2 Berm2-401	San Bruno to San Mateo Subsection	SB to SM Berm	A, B	Track Ballasted	12/2/2024	3/21/2025	80
A-2 Berm2-402	San Bruno to San Mateo Subsection	SB to SM Berm	A, B	Track & Signal	12/2/2024	3/21/2025	80
A-2 At Grade4-101	San Bruno to San Mateo Subsection	SB to SM At Grade	A, B	Utility Relocation	6/28/2021	11/11/2022	360
A-2 At Grade4-102	San Bruno to San Mateo Subsection	SB to SM At Grade	A, B	Demolition	6/28/2021	11/11/2022	360
A-2 At Grade4-103	San Bruno to San Mateo Subsection	SB to SM At Grade	A, B	Removal of Existing Track	7/12/2021	1/19/2024	660
A-2 At Grade4-201	San Bruno to San Mateo Subsection	SB to SM At Grade	A, B	Track Subgrade Construction	9/27/2021	6/28/2024	720
A-2 At Grade4-301	San Bruno to San Mateo Subsection	SB to SM At Grade	A, B	Track Ballasted	12/2/2024	10/17/2025	230
A-2 At Grade4-302	San Bruno to San Mateo Subsection	SB to SM At Grade	A, B	Track & Signal	12/2/2024	10/17/2025	230
A-2 At Grade2-101	San Bruno to San Mateo Subsection	SB to SM At Grade	A, B	Utility Relocation	6/28/2021	11/25/2024	891
A-2 At Grade2-102	San Bruno to San Mateo Subsection	SB to SM At Grade	A, B	Demolition	6/28/2021	11/25/2024	891
A-2 At Grade2-103	San Bruno to San Mateo Subsection	SB to SM At Grade	A, B	Removal of Existing Track	7/5/2021	11/18/2024	881
A-2 At Grade2-201	San Bruno to San Mateo Subsection	SB to SM At Grade	A, B	Track Subgrade Construction	8/9/2021	2/3/2025	911
A-2 At Grade2-301	San Bruno to San Mateo Subsection	SB to SM At Grade	A, B	Track Ballasted	12/2/2024	12/8/2025	266
A-2 At Grade2-302	San Bruno to San Mateo Subsection	SB to SM At Grade	A, B	Track & Signal	12/2/2024	12/8/2025	266
A-3 Berm2-101	San Mateo to Palo Alto Subsection	SM to PA Berm	A	Utility Relocation	6/28/2021	1/7/2022	140
A-3 Berm2-102	San Mateo to Palo Alto Subsection	SM to PA Berm	A	Demolition	7/12/2021	12/24/2021	120
A-3 Berm2-103	San Mateo to Palo Alto Subsection	SM to PA Berm	A	Excavate Contaminated Materials	7/26/2021	12/24/2021	110
A-3 Berm2-104	San Mateo to Palo Alto Subsection	SM to PA Berm	A	Misc Concrete and Prep	8/2/2021	9/17/2021	35
A-3 Berm2-201	San Mateo to Palo Alto Subsection	SM to PA Berm	A	Place Starter Panels for Walls	8/9/2021	12/9/2022	350
A-3 Berm2-202	San Mateo to Palo Alto Subsection	SM to PA Berm	A	Place Fill Material	10/18/2021	8/9/2024	735
A-3 Berm2-203	San Mateo to Palo Alto Subsection	SM to PA Berm	A	Place Panels and Straps	10/18/2021	8/9/2024	735
A-3 Berm2-401	San Mateo to Palo Alto Subsection	SM to PA Berm	A	Track Ballasted	12/2/2024	6/13/2025	140
A-3 Berm2-402	San Mateo to Palo Alto Subsection	SM to PA Berm	A	Track & Signal	12/2/2024	6/13/2025	140
A-3 At Grade2-101	San Mateo to Palo Alto Subsection	SM to PA At Grade	A	Utility Relocation	6/28/2021	11/25/2024	891
A-3 At Grade2-102	San Mateo to Palo Alto Subsection	SM to PA At Grade	A	Demolition	6/28/2021	11/25/2024	891
A-3 At Grade2-103	San Mateo to Palo Alto Subsection	SM to PA At Grade	A	Removal of Existing Track	7/5/2021	11/18/2024	881
A-3 At Grade2-201	San Mateo to Palo Alto Subsection	SM to PA At Grade	A	Track Subgrade Construction	8/9/2021	2/3/2025	911
A-3 At Grade2-301	San Mateo to Palo Alto Subsection	SM to PA At Grade	A	Track Ballasted	12/2/2024	12/8/2025	266
A-3 At Grade2-302	San Mateo to Palo Alto Subsection	SM to PA At Grade	A	Track & Signal	12/2/2024	12/8/2025	266
B-3 Berm4-101	San Mateo to Palo Alto Subsection	SM to PA Berm	B	Utility Relocation	6/28/2021	2/19/2024	691
B-3 Berm4-102	San Mateo to Palo Alto Subsection	SM to PA Berm	B	Demolition	6/28/2021	7/10/2023	531
B-3 Berm4-103	San Mateo to Palo Alto Subsection	SM to PA Berm	B	Excavate Contaminated Materials	7/26/2021	4/3/2023	441
B-3 Berm4-104	San Mateo to Palo Alto Subsection	SM to PA Berm	B	Misc Concrete and Prep	7/26/2021	4/3/2023	441
B-3 Berm4-201	San Mateo to Palo Alto Subsection	SM to PA Berm	B	Place Starter Panels for Walls	8/9/2021	3/4/2024	671
B-3 Berm4-202	San Mateo to Palo Alto Subsection	SM to PA Berm	B	Place Fil Material	10/18/2021	10/28/2024	791
B-3 Berm4-203	San Mateo to Palo Alto Subsection	SM to PA Berm	B	Place Panels and Straps	10/18/2021	10/28/2024	791
B-3 Berm4-401	San Mateo to Palo Alto Subsection	SM to PA Berm	B	Track Ballasted	12/2/2024	12/8/2025	266
B-3 Berm4-402	San Mateo to Palo Alto Subsection	SM to PA Berm	B	Track & Signal	12/2/2024	12/8/2025	266
B-3 Berm2-101	San Mateo to Palo Alto Subsection	SM to PA Berm	B	Utility Relocation	6/28/2021	7/26/2021	21
B-3 Berm2-102	San Mateo to Palo Alto Subsection	SM to PA Berm	B	Demolition	6/28/2021	7/12/2021	11
B-3 Berm2-103	San Mateo to Palo Alto Subsection	SM to PA Berm	B	Excavate Contaminated Materials	7/26/2021	8/2/2021	6
B-3 Berm2-104	San Mateo to Palo Alto Subsection	SM to PA Berm	B	Misc Concrete and Prep	8/2/2021	8/9/2021	6
B-3 Berm2-201	San Mateo to Palo Alto Subsection	SM to PA Berm	B	Place Starter Panels for Walls	8/9/2021	10/18/2021	51
B-3 Berm2-202	San Mateo to Palo Alto Subsection	SM to PA Berm	B	Place Fill Material	10/18/2021	3/14/2022	106
B-3 Berm2-203	San Mateo to Palo Alto Subsection	SM to PA Berm	B	Place Panels and Straps	10/18/2021	3/14/2022	106
B-3 Berm2-401	San Mateo to Palo Alto Subsection	SM to PA Berm	B	Track Ballasted	12/2/2024	12/30/2024	21
B-3 Berm2-402	San Mateo to Palo Alto Subsection	SM to PA Berm	B	Track & Signal	12/2/2024	12/30/2024	21
B-3 At Grade4-101	San Mateo to Palo Alto Subsection	SM to PA At Grade	B	Utility Relocation	6/28/2021	8/19/2022	300
B-3 At Grade4-102	San Mateo to Palo Alto Subsection	SM to PA At Grade	B	Demolition	6/28/2021	8/19/2022	300
B-3 At Grade4-103	San Mateo to Palo Alto Subsection	SM to PA At Grade	B	Removal of Existing Track	7/12/2021	8/5/2022	280
B-3 At Grade4-201	San Mateo to Palo Alto Subsection	SM to PA At Grade	B	Track Subgrade Construction	9/27/2021	1/12/2024	600
B-3 At Grade4-301	San Mateo to Palo Alto Subsection	SM to PA At Grade	B	Track Ballasted	12/2/2024	9/5/2025	200
B-3 At Grade4-302	San Mateo to Palo Alto Subsection	SM to PA At Grade	B	Track & Signal	12/2/2024	9/5/2025	200
B-3 At Grade2-101	San Mateo to Palo Alto Subsection	SM to PA At Grade	B	Utility Relocation	6/28/2021	11/25/2024	891

Code	Section	Profile	Alternative(s)	Phase	Start Date	End Date	Working Days
B-3 At Grade2-102	San Mateo to Palo Alto Subsection	SM to PA At Grade	B	Demolition	6/28/2021	11/25/2024	891
B-3 At Grade2-103	San Mateo to Palo Alto Subsection	SM to PA At Grade	B	Removal of Existing Track	7/5/2021	11/18/2024	881
B-3 At Grade2-201	San Mateo to Palo Alto Subsection	SM to PA At Grade	B	Track Subgrade Construction	8/9/2021	2/3/2025	911
B-3 At Grade2-301	San Mateo to Palo Alto Subsection	SM to PA At Grade	B	Track Ballasted	12/2/2024	12/8/2025	266
B-3 At Grade2-302	San Mateo to Palo Alto Subsection	SM to PA At Grade	B	Track & Signal	12/2/2024	12/8/2025	266
A-4 At Grade4-101	Mountain View to Santa Clara Subsection	MV to SC At Grade	A, B	Utility Relocation	6/28/2021	3/29/2024	720
A-4 At Grade4-102	Mountain View to Santa Clara Subsection	MV to SC At Grade	A, B	Demolition	6/28/2021	3/29/2024	720
A-4 At Grade4-103	Mountain View to Santa Clara Subsection	MV to SC At Grade	A, B	Removal of Existing Track	7/12/2021	10/20/2023	595
A-4 At Grade4-201	Mountain View to Santa Clara Subsection	MV to SC At Grade	A, B	Track Subgrade Construction	9/27/2021	2/3/2025	876
A-4 At Grade4-301	Mountain View to Santa Clara Subsection	MV to SC At Grade	A, B	Track Ballasted	12/2/2024	12/8/2025	266
A-4 At Grade4-302	Mountain View to Santa Clara Subsection	MV to SC At Grade	A, B	Track & Signal	12/2/2024	12/8/2025	266
A-4 At Grade2-101	Mountain View to Santa Clara Subsection	MV to SC At Grade	A, B	Utility Relocation	6/28/2021	11/25/2024	891
A-4 At Grade2-102	Mountain View to Santa Clara Subsection	MV to SC At Grade	A, B	Demolition	6/28/2021	11/25/2024	891
A-4 At Grade2-103	Mountain View to Santa Clara Subsection	MV to SC At Grade	A, B	Removal of Existing Track	7/5/2021	11/18/2024	881
A-4 At Grade2-201	Mountain View to Santa Clara Subsection	MV to SC At Grade	A, B	Track Subgrade Construction	8/9/2021	2/3/2025	911
A-4 At Grade2-301	Mountain View to Santa Clara Subsection	MV to SC At Grade	A, B	Track Ballasted	12/2/2024	12/8/2025	266
A-4 At Grade2-302	Mountain View to Santa Clara Subsection	MV to SC At Grade	A, B	Track & Signal	12/2/2024	12/8/2025	266

Code	Equipment	Equipment Category	#/day	hrs/day	HP	Fuel	Fuel (gal/day/eq)
4KS-101	CAT D8N	Bulldozers	1	6.0	285	Diesel	78
4KS-101	CAT 385	Excavtors	1	8.0	513	Diesel	160
4KS-101	CAT 988	Tractors/Loaders/Backhoes	1	8.0	375	Diesel	120
4KS-102	CAT 623	Scrapers	1	8.0	365	Diesel	120
4KS-102	CAT 14-H	Motor Graders	1	8.0	240	Diesel	80
4KS-102	CAT 825	Compactors	1	8.0	315	Diesel	96
4KS-201	CAT 420F	Tractors/Loaders/Backhoes	1	8.0	93	Diesel	32
4KS-201	CAT 926 E	Tractors/Loaders/Backhoes	1	6.0	110	Diesel	24
4KS-201	Hand Compactor	Compactors	1	8.0	8	Gas	3
4KS-202	CAT 385	Excavtors	1	8.0	513	Diesel	160
4KS-202	CAT 926 E	Tractors/Loaders/Backhoes	1	6.0	110	Diesel	24
4KS-202	Commachio CH450	Pile Driver/Drill	1	6.0	269	Diesel	54
4KS-203	Concrete Pump, Truck Mtd, 117 cy/hr	Pumps	1	6.0	210	Diesel	50
4KS-301	Grove GMK5240	Cranes	2	8.0	165	Diesel	24
4KS-301	Pettibone 944B	Forklifts	3	8.0	117	Diesel	11
4KS-302	Concrete Pump, Truck Mtd, 117 cy/hr	Pumps	1	0.6	210	Diesel	5
4KS-302	Grove GMK5240	Cranes	2	6.0	165	Diesel	18
4KS-302	Pettibone 944B	Forklifts	4	7.0	117	Diesel	7
4KS-303	Grove GMK5240	Cranes	1	8.0	165	Diesel	48
4KS-303	Pettibone 944B	Forklifts	3	8.0	117	Diesel	11
4KS-401	Concrete Pump, Truck Mtd, 117 cy/hr	Pumps	1	4.0	210	Diesel	33
4KS-402	CAT AC Paver	Paver	1	8.0	154	Diesel	48
4KS-403	CAT 926 E	Tractors/Loaders/Backhoes	1	8.0	110	Diesel	32
4KS-403	Pettibone 944B	Forklifts	1	4.0	117	Diesel	16
MS-101	CAT D8N	Bulldozers	1	6.0	285	Diesel	78
MS-101	CAT 385	Excavtors	1	8.0	513	Diesel	160
MS-101	CAT 988	Tractors/Loaders/Backhoes	1	8.0	375	Diesel	120
MS-102	CAT 623	Scrapers	1	8.0	365	Diesel	120
MS-102	CAT 14-H	Motor Graders	1	8.0	240	Diesel	80
MS-102	CAT 825	Compactors	1	8.0	315	Diesel	96
MS-201	CAT 420F	Tractors/Loaders/Backhoes	1	8.0	93	Diesel	32
MS-201	CAT 926 E	Tractors/Loaders/Backhoes	1	6.0	110	Diesel	24
MS-201	Hand Compactor	Compactors	1	8.0	8	Gas	3
MS-202	CAT 385	Excavtors	1	8.0	513	Diesel	160
MS-202	CAT 926 E	Tractors/Loaders/Backhoes	1	6.0	110	Diesel	24
MS-202	Commachio CH450	Pile Driver/Drill	1	6.0	269	Diesel	54
MS-203	Concrete Pump, Truck Mtd, 117 cy/hr	Pumps	1	6.0	210	Diesel	50
MS-301	Grove GMK5240	Cranes	2	8.0	165	Diesel	24
MS-301	Pettibone 944B	Forklifts	3	8.0	117	Diesel	11
MS-302	Concrete Pump, Truck Mtd, 117 cy/hr	Pumps	1	0.6	210	Diesel	5
MS-302	Grove GMK5240	Cranes	2	6.0	165	Diesel	18
MS-302	Pettibone 944B	Forklifts	4	7.0	117	Diesel	7
MS-303	Grove GMK5240	Cranes	1	8.0	165	Diesel	48

Code	Equipment	Equipment Category	#/day	hrs/day	HP	Fuel	Fuel (gal/day/eq)
MS-303	Pettibone 944B	Forklifts	3	8.0	117	Diesel	11
MS-401	Concrete Pump, Truck Mtd, 117 cy/hr	Pumps	1	4.0	210	Diesel	33
MS-402	CAT AC Paver	Paver	1	8.0	154	Diesel	48
MS-403	CAT 926 E	Tractors/Loaders/Backhoes	1	8.0	110	Diesel	32
MS-403	Pettibone 944B	Forklifts	1	4.0	117	Diesel	16
LMF-101	CAT D4	Bulldozers	1	8.0	95	Diesel	32
LMF-101	CAT 385	Excavtors	1	8.0	513	Diesel	160
LMF-101	CAT 966	Tractors/Loaders/Backhoes	1	8.0	210	Diesel	64
LMF-102	CAT 623	Scrapers	1	8.0	365	Diesel	120
LMF-102	CAT 14-H	Motor Graders	1	8.0	240	Diesel	80
LMF-102	CAT 825	Compactors	2	8.0	315	Diesel	48
LMF-201	CAT 420F	Tractors/Loaders/Backhoes	1	8.0	93	Diesel	32
LMF-201	CAT 926 E	Tractors/Loaders/Backhoes	1	8.0	110	Diesel	32
LMF-201	Hand Compactor	Compactors	1	8.0	8	Gas	3
LMF-202	CAT 385	Excavtors	1	6.0	513	Diesel	120
LMF-202	CAT 926 E	Tractors/Loaders/Backhoes	1	4.0	110	Diesel	16
LMF-203	Concrete Pump, Truck Mtd, 117 cy/hr	Pumps	1	4.0	210	Diesel	33
LMF-301	Grove GMK5240	Cranes	2	8.0	165	Diesel	24
LMF-301	Pettibone 944B	Forklifts	2	8.0	117	Diesel	16
LMF-302	Grove GMK5240	Cranes	2	6.0	165	Diesel	18
LMF-302	Pettibone 944B	Forklifts	2	8.0	117	Diesel	16
LMF-303	Grove GMK5240	Cranes	1	8.0	165	Diesel	48
LMF-303	Pettibone 944B	Forklifts	1	4.0	117	Diesel	16
LMF-401	Concrete Pump, Truck Mtd, 117 cy/hr	Pumps	1	4.0	210	Diesel	33
LMF-402	CAT AC Paver	Paver	1	6.0	154	Diesel	36
LMF-403	CAT 926 E	Tractors/Loaders/Backhoes	1	8.0	110	Diesel	32
LMF-403	Pettibone 944B	Forklifts	1	4.0	117	Diesel	16
LMF-501	CAT D8N	Bulldozers	1	6.0	285	Diesel	78
LMF-501	CAT 966	Tractors/Loaders/Backhoes	1	8.0	210	Diesel	64
LMF-501	Bobcat S590	Tractors/Loaders/Backhoes	1	8.0	66	Diesel	16
LMF-501	CAT 623	Scrapers	1	6.0	365	Diesel	90
LMF-501	CAT 14G	Motor Graders	1	4.0	200	Diesel	32
LMF-501	CAT 815	Compactors	1	6.0	216	Diesel	48
LMF-501	CAT CS-563	Compactors	1	4.0	145	Diesel	24
A-1 At Grade4-101	Ditch Witch RT45	Trenchers	1	4.6	49	Diesel	9
A-1 At Grade4-101	CAT 926 E	Tractors/Loaders/Backhoes	1	7.9	110	Diesel	32
A-1 At Grade4-101	Hand Compactor	Compactors	1	7.9	8	Gas	3
A-1 At Grade4-102	CAT D8N	Bulldozers	1	6.6	285	Diesel	85
A-1 At Grade4-102	CAT 926 E	Tractors/Loaders/Backhoes	1	6.6	110	Diesel	26
A-1 At Grade4-102	Grove GMK5240	Cranes	1	6.6	165	Diesel	39
A-1 At Grade4-103	CAT D8N	Bulldozers	1	7.2	285	Diesel	93
A-1 At Grade4-103	CAT 966	Tractors/Loaders/Backhoes	1	8.0	210	Diesel	64
A-1 At Grade4-103	Grove GMK5240	Cranes	1	4.0	165	Diesel	24

Code	Equipment	Equipment Category	#/day	hrs/day	HP	Fuel	Fuel (gal/day/eq)
A-1 At Grade4-201	CAT 623	Scrapers	2	5.9	365	Diesel	45
A-1 At Grade4-201	CAT 14G	Motor Graders	2	6.5	200	Diesel	26
A-1 At Grade4-201	CAT 815	Compactors	2	6.5	216	Diesel	26
A-1 At Grade4-201	Hand Compactor	Compactors	2	5.9	8	Gas	1
A-1 At Grade4-301	CAT 988	Tractors/Loaders/Backhoes	2	7.1	375	Diesel	53
A-1 At Grade4-301	CAT 966	Tractors/Loaders/Backhoes	2	7.1	210	Diesel	28
A-1 At Grade4-301	CAT 815	Compactors	2	7.1	216	Diesel	28
A-1 At Grade4-301	Jackson Tamper	Jackson Tamper	2	7.1	450	Diesel	53
A-1 At Grade4-302	CAT 349F	Excavtors	2	7.1	396	Diesel	57
A-1 At Grade4-302	CAT 420F	Tractors/Loaders/Backhoes	2	7.1	93	Diesel	14
A-1 At Grade4-302	CAT 966	Tractors/Loaders/Backhoes	2	7.1	210	Diesel	28
A-1 At Grade4-302	CAT 815	Compactors	2	7.1	216	Diesel	28
A-1 At Grade4-302	Hand Compactor	Compactors	2	7.1	8	Gas	1
A-1 At Grade2-101	Ditch Witch RT45	Trenchers	1	6.7	49	Diesel	13
A-1 At Grade2-101	CAT 926 E	Tractors/Loaders/Backhoes	2	5.8	110	Diesel	12
A-1 At Grade2-101	Hand Compactor	Compactors	2	5.8	8	Gas	1
A-1 At Grade2-102	CAT D8N	Bulldozers	2	4.8	285	Diesel	31
A-1 At Grade2-102	CAT 926 E	Tractors/Loaders/Backhoes	2	4.8	110	Diesel	10
A-1 At Grade2-102	Grove GMK5240	Cranes	2	4.8	165	Diesel	14
A-1 At Grade2-103	CAT D8N	Bulldozers	2	4.4	285	Diesel	28
A-1 At Grade2-103	CAT 966	Tractors/Loaders/Backhoes	2	4.9	210	Diesel	19
A-1 At Grade2-103	Grove GMK5240	Cranes	1	4.9	165	Diesel	29
A-1 At Grade2-201	CAT 623	Scrapers	3	6.9	365	Diesel	34
A-1 At Grade2-201	CAT 14G	Motor Graders	3	7.5	200	Diesel	20
A-1 At Grade2-201	CAT 815	Compactors	3	7.5	216	Diesel	20
A-1 At Grade2-201	Hand Compactor	Compactors	3	6.9	8	Gas	1
A-1 At Grade2-301	CAT 988	Tractors/Loaders/Backhoes	4	6.5	375	Diesel	24
A-1 At Grade2-301	CAT 966	Tractors/Loaders/Backhoes	4	6.5	210	Diesel	13
A-1 At Grade2-301	CAT 815	Compactors	4	6.5	216	Diesel	13
A-1 At Grade2-301	Jackson Tamper	Jackson Tamper	4	6.5	450	Diesel	24
A-1 At Grade2-302	CAT 349F	Excavtors	4	6.5	396	Diesel	26
A-1 At Grade2-302	CAT 420F	Tractors/Loaders/Backhoes	4	6.5	93	Diesel	6
A-1 At Grade2-302	CAT 966	Tractors/Loaders/Backhoes	4	6.5	210	Diesel	13
A-1 At Grade2-302	CAT 815	Compactors	4	6.5	216	Diesel	13
A-1 At Grade2-302	Hand Compactor	Compactors	4	6.5	8	Gas	1
A-2 Berm2-101	Ditch Witch RT45	Trenchers	1	3.8	49	Diesel	8
A-2 Berm2-101	CAT 926 E	Tractors/Loaders/Backhoes	1	7.7	110	Diesel	31
A-2 Berm2-101	Hand Compactor	Compactors	1	3.8	8	Gas	1
A-2 Berm2-102	CAT 926 E	Tractors/Loaders/Backhoes	1	5.2	110	Diesel	21
A-2 Berm2-102	Grove GMK5240	Cranes	1	5.2	165	Diesel	31
A-2 Berm2-102	CAT D8N	Bulldozers	1	5.2	285	Diesel	67
A-2 Berm2-103	CAT D4	Bulldozers	1	3.1	95	Diesel	13
A-2 Berm2-103	CAT 385	Excavtors	1	3.1	513	Diesel	63

Code	Equipment	Equipment Category	#/day	hrs/day	HP	Fuel	Fuel (gal/day/eq)
A-2 Berm2-103	CAT 966	Tractors/Loaders/Backhoes	1	3.1	210	Diesel	25
A-2 Berm2-104	Concrete Pump, Truck Mtd, 117 cy/hr	Pumps	1	4.2	210	Diesel	35
A-2 Berm2-201	CAT 926 E	Tractors/Loaders/Backhoes	1	7.6	110	Diesel	30
A-2 Berm2-201	Grove GMK5240	Cranes	1	3.8	165	Diesel	23
A-2 Berm2-202	CAT D6 LGP	Bulldozers	1	7.2	145	Diesel	45
A-2 Berm2-202	Bobcat S590	Tractors/Loaders/Backhoes	1	7.2	66	Diesel	14
A-2 Berm2-202	CAT 815	Compactors	1	7.2	216	Diesel	57
A-2 Berm2-202	Hand Compactor	Compactors	1	7.2	8	Gas	3
A-2 Berm2-203	Bobcat S590	Tractors/Loaders/Backhoes	1	7.2	66	Diesel	14
A-2 Berm2-203	Hand Compactor	Compactors	1	7.2	8	Gas	3
A-2 Berm2-203	Pettibone 944B	Forklifts	1	7.2	117	Diesel	29
A-2 Berm2-401	CAT 988	Tractors/Loaders/Backhoes	1	7.7	375	Diesel	115
A-2 Berm2-401	CAT 966	Tractors/Loaders/Backhoes	1	7.7	210	Diesel	61
A-2 Berm2-401	CAT 815	Compactors	1	7.7	216	Diesel	61
A-2 Berm2-401	Jackson Tamper	Jackson Tamper	1	7.7	450	Diesel	115
A-2 Berm2-402	CAT 349F	Excavtors	1	7.7	396	Diesel	123
A-2 Berm2-402	CAT 420F	Tractors/Loaders/Backhoes	1	7.7	93	Diesel	31
A-2 Berm2-402	CAT 966	Tractors/Loaders/Backhoes	1	7.7	210	Diesel	61
A-2 At Grade4-101	Ditch Witch RT45	Trenchers	1	4.3	49	Diesel	9
A-2 At Grade4-101	CAT 926 E	Tractors/Loaders/Backhoes	1	7.4	110	Diesel	30
A-2 At Grade4-101	Hand Compactor	Compactors	1	7.4	8	Gas	3
A-2 At Grade4-102	CAT D8N	Bulldozers	1	6.1	285	Diesel	80
A-2 At Grade4-102	CAT 926 E	Tractors/Loaders/Backhoes	1	6.1	110	Diesel	25
A-2 At Grade4-102	Grove GMK5240	Cranes	1	6.1	165	Diesel	37
A-2 At Grade4-103	CAT D8N	Bulldozers	1	3.0	285	Diesel	39
A-2 At Grade4-103	CAT 966	Tractors/Loaders/Backhoes	1	3.3	210	Diesel	27
A-2 At Grade4-103	Grove GMK5240	Cranes	1	1.7	165	Diesel	10
A-2 At Grade4-201	CAT 623	Scrapers	1	6.7	365	Diesel	101
A-2 At Grade4-201	CAT 14G	Motor Graders	1	7.4	200	Diesel	59
A-2 At Grade4-201	CAT 815	Compactors	1	7.4	216	Diesel	59
A-2 At Grade4-201	Hand Compactor	Compactors	1	6.7	8	Gas	2
A-2 At Grade4-301	CAT 988	Tractors/Loaders/Backhoes	1	7.7	375	Diesel	116
A-2 At Grade4-301	CAT 966	Tractors/Loaders/Backhoes	1	7.7	210	Diesel	62
A-2 At Grade4-301	CAT 815	Compactors	1	7.7	216	Diesel	62
A-2 At Grade4-301	Jackson Tamper	Jackson Tamper	1	7.7	450	Diesel	116
A-2 At Grade4-302	CAT 349F	Excavtors	1	7.7	396	Diesel	124
A-2 At Grade4-302	CAT 420F	Tractors/Loaders/Backhoes	1	7.7	93	Diesel	31
A-2 At Grade4-302	CAT 966	Tractors/Loaders/Backhoes	1	7.7	210	Diesel	62
A-2 At Grade4-302	CAT 815	Compactors	1	7.7	216	Diesel	62
A-2 At Grade4-302	Hand Compactor	Compactors	1	7.7	8	Gas	3
A-2 At Grade2-101	Ditch Witch RT45	Trenchers	1	5.2	49	Diesel	10
A-2 At Grade2-101	CAT 926 E	Tractors/Loaders/Backhoes	2	4.5	110	Diesel	9
A-2 At Grade2-101	Hand Compactor	Compactors	2	4.5	8	Gas	1

Code	Equipment	Equipment Category	#/day	hrs/day	HP	Fuel	Fuel (gal/day/eq)
A-2 At Grade2-102	CAT D8N	Bulldozers	1	7.5	285	Diesel	97
A-2 At Grade2-102	CAT 926 E	Tractors/Loaders/Backhoes	1	7.5	110	Diesel	30
A-2 At Grade2-102	Grove GMK5240	Cranes	1	7.5	165	Diesel	45
A-2 At Grade2-103	CAT D8N	Bulldozers	1	6.8	285	Diesel	88
A-2 At Grade2-103	CAT 966	Tractors/Loaders/Backhoes	1	7.5	210	Diesel	60
A-2 At Grade2-103	Grove GMK5240	Cranes	1	3.8	165	Diesel	23
A-2 At Grade2-201	CAT 623	Scrapers	2	8.0	365	Diesel	60
A-2 At Grade2-201	CAT 14G	Motor Graders	3	5.8	200	Diesel	16
A-2 At Grade2-201	CAT 815	Compactors	3	5.8	216	Diesel	16
A-2 At Grade2-201	Hand Compactor	Compactors	2	8.0	8	Gas	1
A-2 At Grade2-301	CAT 988	Tractors/Loaders/Backhoes	3	6.7	375	Diesel	33
A-2 At Grade2-301	CAT 966	Tractors/Loaders/Backhoes	3	6.7	210	Diesel	18
A-2 At Grade2-301	CAT 815	Compactors	3	6.7	216	Diesel	18
A-2 At Grade2-301	Jackson Tamper	Jackson Tamper	3	6.7	450	Diesel	33
A-2 At Grade2-302	CAT 349F	Excavtors	3	6.7	396	Diesel	36
A-2 At Grade2-302	CAT 420F	Tractors/Loaders/Backhoes	3	6.7	93	Diesel	9
A-2 At Grade2-302	CAT 966	Tractors/Loaders/Backhoes	3	6.7	210	Diesel	18
A-2 At Grade2-302	CAT 815	Compactors	3	6.7	216	Diesel	18
A-2 At Grade2-302	Hand Compactor	Compactors	3	6.7	8	Gas	1
A-3 Berm2-101	Ditch Witch RT45	Trenchers	1	4.0	49	Diesel	8
A-3 Berm2-101	CAT 926 E	Tractors/Loaders/Backhoes	1	8.1	110	Diesel	32
A-3 Berm2-101	Hand Compactor	Compactors	1	4.0	8	Gas	1
A-3 Berm2-102	CAT 926 E	Tractors/Loaders/Backhoes	1	4.7	110	Diesel	19
A-3 Berm2-102	Grove GMK5240	Cranes	1	4.7	165	Diesel	28
A-3 Berm2-102	CAT D8N	Bulldozers	1	4.7	285	Diesel	61
A-3 Berm2-103	CAT D4	Bulldozers	1	2.6	95	Diesel	10
A-3 Berm2-103	CAT 385	Excavtors	1	2.6	513	Diesel	51
A-3 Berm2-103	CAT 966	Tractors/Loaders/Backhoes	1	2.6	210	Diesel	21
A-3 Berm2-104	Concrete Pump, Truck Mtd, 117 cy/hr	Pumps	1	4.2	210	Diesel	35
A-3 Berm2-201	CAT 926 E	Tractors/Loaders/Backhoes	1	8.0	110	Diesel	32
A-3 Berm2-201	Grove GMK5240	Cranes	1	4.0	165	Diesel	24
A-3 Berm2-202	CAT D6 LGP	Bulldozers	1	7.6	145	Diesel	48
A-3 Berm2-202	Bobcat S590	Tractors/Loaders/Backhoes	1	7.6	66	Diesel	15
A-3 Berm2-202	CAT 815	Compactors	1	7.6	216	Diesel	61
A-3 Berm2-202	Hand Compactor	Compactors	1	7.6	8	Gas	3
A-3 Berm2-203	Bobcat S590	Tractors/Loaders/Backhoes	1	7.6	66	Diesel	15
A-3 Berm2-203	Hand Compactor	Compactors	1	7.6	8	Gas	3
A-3 Berm2-203	Pettibone 944B	Forklifts	1	7.6	117	Diesel	30
A-3 Berm2-401	CAT 988	Tractors/Loaders/Backhoes	1	8.1	375	Diesel	121
A-3 Berm2-401	CAT 966	Tractors/Loaders/Backhoes	1	8.1	210	Diesel	64
A-3 Berm2-401	CAT 815	Compactors	1	8.1	216	Diesel	64
A-3 Berm2-401	Jackson Tamper	Jackson Tamper	1	8.1	450	Diesel	121
A-3 Berm2-402	CAT 349F	Excavtors	1	8.1	396	Diesel	129

Code	Equipment	Equipment Category	#/day	hrs/day	HP	Fuel	Fuel (gal/day/eq)
A-3 Berm2-402	CAT 420F	Tractors/Loaders/Backhoes	1	8.1	93	Diesel	32
A-3 Berm2-402	CAT 966	Tractors/Loaders/Backhoes	1	8.1	210	Diesel	64
A-3 At Grade2-101	Ditch Witch RT45	Trenchers	2	6.0	49	Diesel	6
A-3 At Grade2-101	CAT 926 E	Tractors/Loaders/Backhoes	3	6.9	110	Diesel	9
A-3 At Grade2-101	Hand Compactor	Compactors	3	6.9	8	Gas	1
A-3 At Grade2-102	CAT D8N	Bulldozers	3	5.7	285	Diesel	25
A-3 At Grade2-102	CAT 926 E	Tractors/Loaders/Backhoes	3	5.7	110	Diesel	8
A-3 At Grade2-102	Grove GMK5240	Cranes	3	5.7	165	Diesel	11
A-3 At Grade2-103	CAT D8N	Bulldozers	2	7.9	285	Diesel	51
A-3 At Grade2-103	CAT 966	Tractors/Loaders/Backhoes	3	5.8	210	Diesel	16
A-3 At Grade2-103	Grove GMK5240	Cranes	2	4.4	165	Diesel	13
A-3 At Grade2-201	CAT 623	Scrapers	5	7.4	365	Diesel	22
A-3 At Grade2-201	CAT 14G	Motor Graders	6	6.7	200	Diesel	9
A-3 At Grade2-201	CAT 815	Compactors	6	6.7	216	Diesel	9
A-3 At Grade2-201	Hand Compactor	Compactors	5	7.4	8	Gas	1
A-3 At Grade2-301	CAT 988	Tractors/Loaders/Backhoes	6	7.7	375	Diesel	19
A-3 At Grade2-301	CAT 966	Tractors/Loaders/Backhoes	6	7.7	210	Diesel	10
A-3 At Grade2-301	CAT 815	Compactors	6	7.7	216	Diesel	10
A-3 At Grade2-301	Jackson Tamper	Jackson Tamper	6	7.7	450	Diesel	19
A-3 At Grade2-302	CAT 349F	Excavtors	6	7.7	396	Diesel	21
A-3 At Grade2-302	CAT 420F	Tractors/Loaders/Backhoes	6	7.7	93	Diesel	5
A-3 At Grade2-302	CAT 966	Tractors/Loaders/Backhoes	6	7.7	210	Diesel	10
A-3 At Grade2-302	CAT 815	Compactors	6	7.7	216	Diesel	10
A-3 At Grade2-302	Hand Compactor	Compactors	6	7.7	8	Gas	0
B-3 Berm4-101	Ditch Witch RT45	Trenchers	1	4.6	49	Diesel	9
B-3 Berm4-101	CAT 926 E	Tractors/Loaders/Backhoes	1	7.7	110	Diesel	31
B-3 Berm4-101	Hand Compactor	Compactors	1	7.7	8	Gas	3
B-3 Berm4-102	CAT 926 E	Tractors/Loaders/Backhoes	1	8.0	110	Diesel	32
B-3 Berm4-102	Grove GMK5240	Cranes	1	8.0	165	Diesel	48
B-3 Berm4-102	CAT D8N	Bulldozers	1	8.0	285	Diesel	104
B-3 Berm4-103	CAT D4	Bulldozers	1	4.8	95	Diesel	19
B-3 Berm4-103	CAT 385	Excavtors	1	4.8	513	Diesel	96
B-3 Berm4-103	CAT 966	Tractors/Loaders/Backhoes	1	4.8	210	Diesel	38
B-3 Berm4-104	Concrete Pump, Truck Mtd, 117 cy/hr	Pumps	1	2.4	210	Diesel	20
B-3 Berm4-201	CAT 926 E	Tractors/Loaders/Backhoes	3	7.9	110	Diesel	11
B-3 Berm4-201	Grove GMK5240	Cranes	2	5.9	165	Diesel	18
B-3 Berm4-202	CAT D6 LGP	Bulldozers	7	7.6	145	Diesel	7
B-3 Berm4-202	Bobcat S590	Tractors/Loaders/Backhoes	7	7.6	66	Diesel	2
B-3 Berm4-202	CAT 815	Compactors	7	7.6	216	Diesel	9
B-3 Berm4-202	Hand Compactor	Compactors	7	7.6	8	Gas	0
B-3 Berm4-203	Bobcat S590	Tractors/Loaders/Backhoes	7	5.7	66	Diesel	2
B-3 Berm4-203	Hand Compactor	Compactors	6	6.7	8	Gas	0
B-3 Berm4-203	Pettibone 944B	Forklifts	6	6.7	117	Diesel	4

Code	Equipment	Equipment Category	#/day	hrs/day	HP	Fuel	Fuel (gal/day/eq)
B-3 Berm4-401	CAT 988	Tractors/Loaders/Backhoes	2	8.0	375	Diesel	60
B-3 Berm4-401	CAT 966	Tractors/Loaders/Backhoes	2	8.0	210	Diesel	32
B-3 Berm4-401	CAT 815	Compactors	2	8.0	216	Diesel	32
B-3 Berm4-401	Jackson Tamper	Jackson Tamper	2	8.0	450	Diesel	60
B-3 Berm4-402	CAT 349F	Excavtors	4	8.0	396	Diesel	32
B-3 Berm4-402	CAT 420F	Tractors/Loaders/Backhoes	4	8.0	93	Diesel	8
B-3 Berm4-402	CAT 966	Tractors/Loaders/Backhoes	4	8.0	210	Diesel	16
B-3 Berm2-101	Ditch Witch RT45	Trenchers	1	4.0	49	Diesel	8
B-3 Berm2-101	CAT 926 E	Tractors/Loaders/Backhoes	1	8.0	110	Diesel	32
B-3 Berm2-101	Hand Compactor	Compactors	1	4.0	8	Gas	1
B-3 Berm2-102	CAT 926 E	Tractors/Loaders/Backhoes	1	8.0	110	Diesel	32
B-3 Berm2-102	Grove GMK5240	Cranes	1	8.0	165	Diesel	48
B-3 Berm2-102	CAT D8N	Bulldozers	1	8.0	285	Diesel	104
B-3 Berm2-103	CAT D4	Bulldozers	1	8.0	95	Diesel	32
B-3 Berm2-103	CAT 385	Excavtors	1	8.0	513	Diesel	160
B-3 Berm2-103	CAT 966	Tractors/Loaders/Backhoes	1	8.0	210	Diesel	64
B-3 Berm2-104	Concrete Pump, Truck Mtd, 117 cy/hr	Pumps	1	4.0	210	Diesel	33
B-3 Berm2-201	CAT 926 E	Tractors/Loaders/Backhoes	1	8.0	110	Diesel	32
B-3 Berm2-201	Grove GMK5240	Cranes	1	4.0	165	Diesel	24
B-3 Berm2-202	CAT D6 LGP	Bulldozers	1	7.6	145	Diesel	48
B-3 Berm2-202	Bobcat S590	Tractors/Loaders/Backhoes	1	7.6	66	Diesel	15
B-3 Berm2-202	CAT 815	Compactors	1	7.6	216	Diesel	61
B-3 Berm2-202	Hand Compactor	Compactors	1	7.6	8	Gas	3
B-3 Berm2-203	Bobcat S590	Tractors/Loaders/Backhoes	1	7.6	66	Diesel	15
B-3 Berm2-203	Hand Compactor	Compactors	1	7.6	8	Gas	3
B-3 Berm2-203	Pettibone 944B	Forklifts	1	7.6	117	Diesel	30
B-3 Berm2-401	CAT 988	Tractors/Loaders/Backhoes	1	8.0	375	Diesel	120
B-3 Berm2-401	CAT 966	Tractors/Loaders/Backhoes	1	8.0	210	Diesel	64
B-3 Berm2-401	CAT 815	Compactors	1	8.0	216	Diesel	64
B-3 Berm2-401	Jackson Tamper	Jackson Tamper	1	8.0	450	Diesel	120
B-3 Berm2-402	CAT 349F	Excavtors	1	8.0	396	Diesel	128
B-3 Berm2-402	CAT 420F	Tractors/Loaders/Backhoes	1	8.0	93	Diesel	32
B-3 Berm2-402	CAT 966	Tractors/Loaders/Backhoes	1	8.0	210	Diesel	64
B-3 At Grade4-101	Ditch Witch RT45	Trenchers	1	4.5	49	Diesel	9
B-3 At Grade4-101	CAT 926 E	Tractors/Loaders/Backhoes	1	7.7	110	Diesel	31
B-3 At Grade4-101	Hand Compactor	Compactors	1	7.7	8	Gas	3
B-3 At Grade4-102	CAT D8N	Bulldozers	1	6.4	285	Diesel	84
B-3 At Grade4-102	CAT 926 E	Tractors/Loaders/Backhoes	1	6.4	110	Diesel	26
B-3 At Grade4-102	Grove GMK5240	Cranes	1	6.4	165	Diesel	39
B-3 At Grade4-103	CAT D8N	Bulldozers	1	6.2	285	Diesel	81
B-3 At Grade4-103	CAT 966	Tractors/Loaders/Backhoes	1	6.9	210	Diesel	55
B-3 At Grade4-103	Grove GMK5240	Cranes	1	3.5	165	Diesel	21
B-3 At Grade4-201	CAT 623	Scrapers	1	7.1	365	Diesel	106

Code	Equipment	Equipment Category	#/day	hrs/day	HP	Fuel	Fuel (gal/day/eq)
B-3 At Grade4-201	CAT 14G	Motor Graders	1	7.7	200	Diesel	62
B-3 At Grade4-201	CAT 815	Compactors	1	7.7	216	Diesel	62
B-3 At Grade4-201	Hand Compactor	Compactors	1	7.1	8	Gas	2
B-3 At Grade4-301	CAT 988	Tractors/Loaders/Backhoes	1	7.8	375	Diesel	116
B-3 At Grade4-301	CAT 966	Tractors/Loaders/Backhoes	1	7.8	210	Diesel	62
B-3 At Grade4-301	CAT 815	Compactors	1	7.8	216	Diesel	62
B-3 At Grade4-301	Jackson Tamper	Jackson Tamper	1	7.8	450	Diesel	116
B-3 At Grade4-302	CAT 349F	Excavtors	1	7.8	396	Diesel	124
B-3 At Grade4-302	CAT 420F	Tractors/Loaders/Backhoes	1	7.8	93	Diesel	31
B-3 At Grade4-302	CAT 966	Tractors/Loaders/Backhoes	1	7.8	210	Diesel	62
B-3 At Grade4-302	CAT 815	Compactors	1	7.8	216	Diesel	62
B-3 At Grade4-302	Hand Compactor	Compactors	1	7.8	8	Gas	3
B-3 At Grade2-101	Ditch Witch RT45	Trenchers	2	4.1	49	Diesel	4
B-3 At Grade2-101	CAT 926 E	Tractors/Loaders/Backhoes	2	6.9	110	Diesel	14
B-3 At Grade2-101	Hand Compactor	Compactors	2	6.9	8	Gas	1
B-3 At Grade2-102	CAT D8N	Bulldozers	2	5.8	285	Diesel	38
B-3 At Grade2-102	CAT 926 E	Tractors/Loaders/Backhoes	2	5.8	110	Diesel	12
B-3 At Grade2-102	Grove GMK5240	Cranes	2	5.8	165	Diesel	17
B-3 At Grade2-103	CAT D8N	Bulldozers	2	5.3	285	Diesel	34
B-3 At Grade2-103	CAT 966	Tractors/Loaders/Backhoes	2	5.9	210	Diesel	23
B-3 At Grade2-103	Grove GMK5240	Cranes	1	5.9	165	Diesel	35
B-3 At Grade2-201	CAT 623	Scrapers	4	6.2	365	Diesel	23
B-3 At Grade2-201	CAT 14G	Motor Graders	4	6.8	200	Diesel	14
B-3 At Grade2-201	CAT 815	Compactors	4	6.8	216	Diesel	14
B-3 At Grade2-201	Hand Compactor	Compactors	4	6.2	8	Gas	1
B-3 At Grade2-301	CAT 988	Tractors/Loaders/Backhoes	4	7.8	375	Diesel	29
B-3 At Grade2-301	CAT 966	Tractors/Loaders/Backhoes	4	7.8	210	Diesel	16
B-3 At Grade2-301	CAT 815	Compactors	4	7.8	216	Diesel	16
B-3 At Grade2-301	Jackson Tamper	Jackson Tamper	4	7.8	450	Diesel	29
B-3 At Grade2-302	CAT 349F	Excavtors	4	7.8	396	Diesel	31
B-3 At Grade2-302	CAT 420F	Tractors/Loaders/Backhoes	4	7.8	93	Diesel	8
B-3 At Grade2-302	CAT 966	Tractors/Loaders/Backhoes	4	7.8	210	Diesel	16
B-3 At Grade2-302	CAT 815	Compactors	4	7.8	216	Diesel	16
B-3 At Grade2-302	Hand Compactor	Compactors	4	7.8	8	Gas	1
A-4 At Grade4-101	Ditch Witch RT45	Trenchers	1	4.5	49	Diesel	9
A-4 At Grade4-101	CAT 926 E	Tractors/Loaders/Backhoes	1	7.7	110	Diesel	31
A-4 At Grade4-101	Hand Compactor	Compactors	1	7.7	8	Gas	3
A-4 At Grade4-102	CAT D8N	Bulldozers	1	6.4	285	Diesel	83
A-4 At Grade4-102	CAT 926 E	Tractors/Loaders/Backhoes	1	6.4	110	Diesel	26
A-4 At Grade4-102	Grove GMK5240	Cranes	1	6.4	165	Diesel	38
A-4 At Grade4-103	CAT D8N	Bulldozers	1	7.0	285	Diesel	91
A-4 At Grade4-103	CAT 966	Tractors/Loaders/Backhoes	1	7.8	210	Diesel	62
A-4 At Grade4-103	Grove GMK5240	Cranes	1	3.9	165	Diesel	23

Code	Equipment	Equipment Category	#/day	hrs/day	HP	Fuel	Fuel (gal/day/eq)
A-4 At Grade4-201	CAT 623	Scrapers	2	5.8	365	Diesel	43
A-4 At Grade4-201	CAT 14G	Motor Graders	2	6.3	200	Diesel	25
A-4 At Grade4-201	CAT 815	Compactors	2	6.3	216	Diesel	25
A-4 At Grade4-201	Hand Compactor	Compactors	2	5.8	8	Gas	1
A-4 At Grade4-301	CAT 988	Tractors/Loaders/Backhoes	2	6.9	375	Diesel	52
A-4 At Grade4-301	CAT 966	Tractors/Loaders/Backhoes	2	6.9	210	Diesel	28
A-4 At Grade4-301	CAT 815	Compactors	2	6.9	216	Diesel	28
A-4 At Grade4-301	Jackson Tamper	Jackson Tamper	2	6.9	450	Diesel	52
A-4 At Grade4-302	CAT 349F	Excavtors	2	6.9	396	Diesel	56
A-4 At Grade4-302	CAT 420F	Tractors/Loaders/Backhoes	2	6.9	93	Diesel	14
A-4 At Grade4-302	CAT 966	Tractors/Loaders/Backhoes	2	6.9	210	Diesel	28
A-4 At Grade4-302	CAT 815	Compactors	2	6.9	216	Diesel	28
A-4 At Grade4-302	Hand Compactor	Compactors	2	6.9	8	Gas	1
A-4 At Grade2-101	Ditch Witch RT45	Trenchers	1	5.6	49	Diesel	11
A-4 At Grade2-101	CAT 926 E	Tractors/Loaders/Backhoes	2	4.8	110	Diesel	10
A-4 At Grade2-101	Hand Compactor	Compactors	2	4.8	8	Gas	1
A-4 At Grade2-102	CAT D8N	Bulldozers	1	7.9	285	Diesel	103
A-4 At Grade2-102	CAT 926 E	Tractors/Loaders/Backhoes	1	7.9	110	Diesel	32
A-4 At Grade2-102	Grove GMK5240	Cranes	1	7.9	165	Diesel	48
A-4 At Grade2-103	CAT D8N	Bulldozers	1	7.2	285	Diesel	94
A-4 At Grade2-103	CAT 966	Tractors/Loaders/Backhoes	2	4.0	210	Diesel	16
A-4 At Grade2-103	Grove GMK5240	Cranes	1	4.0	165	Diesel	24
A-4 At Grade2-201	CAT 623	Scrapers	3	5.7	365	Diesel	28
A-4 At Grade2-201	CAT 14G	Motor Graders	3	6.2	200	Diesel	17
A-4 At Grade2-201	CAT 815	Compactors	3	6.2	216	Diesel	17
A-4 At Grade2-201	Hand Compactor	Compactors	3	5.7	8	Gas	1
A-4 At Grade2-301	CAT 988	Tractors/Loaders/Backhoes	3	7.1	375	Diesel	36
A-4 At Grade2-301	CAT 966	Tractors/Loaders/Backhoes	3	7.1	210	Diesel	19
A-4 At Grade2-301	CAT 815	Compactors	3	7.1	216	Diesel	19
A-4 At Grade2-301	Jackson Tamper	Jackson Tamper	3	7.1	450	Diesel	36
A-4 At Grade2-302	CAT 349F	Excavtors	3	7.1	396	Diesel	38
A-4 At Grade2-302	CAT 420F	Tractors/Loaders/Backhoes	3	7.1	93	Diesel	9
A-4 At Grade2-302	CAT 966	Tractors/Loaders/Backhoes	3	7.1	210	Diesel	19
A-4 At Grade2-302	CAT 815	Compactors	3	7.1	216	Diesel	19
A-4 At Grade2-302	Hand Compactor	Compactors	3	7.1	8	Gas	1

Code	Trips/Day	RT Mi/Trip	Fuel
4KS-101	28	72	Gas
4KS-102	20	72	Gas
4KS-201	20	72	Gas
4KS-202	28	72	Gas
4KS-203	28	72	Gas
4KS-301	20	72	Gas
4KS-302	62	72	Gas
4KS-303	22	72	Gas
4KS-401	20	72	Gas
4KS-402	30	72	Gas
4KS-403	18	72	Gas
4KS-501	2	72	Gas
MS-101	28	72	Gas
MS-102	20	72	Gas
MS-201	20	72	Gas
MS-202	28	72	Gas
MS-203	28	72	Gas
MS-301	20	72	Gas
MS-302	62	72	Gas
MS-303	22	72	Gas
MS-401	20	72	Gas
MS-402	30	72	Gas
MS-403	18	72	Gas
MS-501	2	72	Gas
LMF-101	28	72	Gas
LMF-102	40	72	Gas
LMF-201	28	72	Gas
LMF-202	20	72	Gas
LMF-203	18	72	Gas
LMF-301	20	72	Gas
LMF-302	62	72	Gas
LMF-303	22	72	Gas
LMF-401	20	72	Gas
LMF-402	18	72	Gas
LMF-403	18	72	Gas
LMF-501	24	72	Gas
LMF-502	14	72	Gas
A-1 At Grade4-101	26	72	Gas
A-1 At Grade4-102	28	72	Gas
A-1 At Grade4-103	70	72	Gas
A-1 At Grade4-201	181	72	Gas
A-1 At Grade4-301	199	72	Gas
A-1 At Grade4-302	25	72	Gas
A-1 At Grade2-101	38	72	Gas
A-1 At Grade2-102	40	72	Gas
A-1 At Grade2-103	85	72	Gas
A-1 At Grade2-201	316	72	Gas
A-1 At Grade2-301	362	72	Gas
A-1 At Grade2-302	45	72	Gas
A-2 Berm2-101	27	72	Gas
A-2 Berm2-102	21	72	Gas
A-2 Berm2-103	11	72	Gas
A-2 Berm2-104	21	72	Gas
A-2 Berm2-201	21	72	Gas
A-2 Berm2-202	113	72	Gas
A-2 Berm2-203	13	72	Gas
A-2 Berm2-401	108	72	Gas
A-2 Berm2-402	13	72	Gas

Code	Trips/Day	RT Mi/Trip	Fuel
A-2 At Grade4-101	24	72	Gas
A-2 At Grade4-102	26	72	Gas
A-2 At Grade4-103	29	72	Gas
A-2 At Grade4-201	103	72	Gas
A-2 At Grade4-301	108	72	Gas
A-2 At Grade4-302	14	72	Gas
A-2 At Grade2-101	29	72	Gas
A-2 At Grade2-102	31	72	Gas
A-2 At Grade2-103	66	72	Gas
A-2 At Grade2-201	245	72	Gas
A-2 At Grade2-301	280	72	Gas
A-2 At Grade2-302	35	72	Gas
A-3 Berm2-101	28	72	Gas
A-3 Berm2-102	19	72	Gas
A-3 Berm2-103	9	72	Gas
A-3 Berm2-104	21	72	Gas
A-3 Berm2-201	22	72	Gas
A-3 Berm2-202	119	72	Gas
A-3 Berm2-203	14	72	Gas
A-3 Berm2-401	113	72	Gas
A-3 Berm2-402	14	72	Gas
A-3 At Grade2-101	67	72	Gas
A-3 At Grade2-102	72	72	Gas
A-3 At Grade2-103	153	72	Gas
A-3 At Grade2-201	567	72	Gas
A-3 At Grade2-301	649	72	Gas
A-3 At Grade2-302	81	72	Gas
B-3 Berm4-101	32	72	Gas
B-3 Berm4-102	32	72	Gas
B-3 Berm4-103	17	72	Gas
B-3 Berm4-104	12	72	Gas
B-3 Berm4-201	65	72	Gas
B-3 Berm4-202	842	72	Gas
B-3 Berm4-203	98	72	Gas
B-3 Berm4-401	446	72	Gas
B-3 Berm4-402	56	72	Gas
B-3 Berm2-101	28	72	Gas
B-3 Berm2-102	32	72	Gas
B-3 Berm2-103	28	72	Gas
B-3 Berm2-104	20	72	Gas
B-3 Berm2-201	22	72	Gas
B-3 Berm2-202	120	72	Gas
B-3 Berm2-203	14	72	Gas
B-3 Berm2-401	112	72	Gas
B-3 Berm2-402	14	72	Gas
B-3 At Grade4-101	25	72	Gas
B-3 At Grade4-102	27	72	Gas
B-3 At Grade4-103	60	72	Gas
B-3 At Grade4-201	108	72	Gas
B-3 At Grade4-301	109	72	Gas
B-3 At Grade4-302	14	72	Gas
B-3 At Grade2-101	45	72	Gas
B-3 At Grade2-102	49	72	Gas
B-3 At Grade2-103	102	72	Gas
B-3 At Grade2-201	380	72	Gas
B-3 At Grade2-301	435	72	Gas
B-3 At Grade2-302	54	72	Gas
A-4 At Grade4-101	25	72	Gas

Code	Trips/Day	RT Mi/Trip	Fuel
A-4 At Grade4-102	27	72	Gas
A-4 At Grade4-103	68	72	Gas
A-4 At Grade4-201	177	72	Gas
A-4 At Grade4-301	194	72	Gas
A-4 At Grade4-302	24	72	Gas
A-4 At Grade2-101	31	72	Gas
A-4 At Grade2-102	33	72	Gas
A-4 At Grade2-103	70	72	Gas
A-4 At Grade2-201	261	72	Gas
A-4 At Grade2-301	298	72	Gas
A-4 At Grade2-302	37	72	Gas

Code	Vehicle	Trucks/Day	RT Mi/ Truck	Fuel	Fuel (gal/day/veh)
4KS-101	Truck, End Dump, 10-13cy, Hwy	1	40	Diesel	51
4KS-101	Truck, Water, 4 mgal, Hwy	1	40	Diesel	23
4KS-102	Truck, End Dump, 10-13cy, Hwy	1	40	Diesel	51
4KS-102	Truck, Water, 4 mgal, Hwy	1	40	Diesel	23
4KS-201	Truck, End Dump, 10-13cy, Hwy	1	20	Diesel	25
4KS-201	Truck, Water, 4 mgal, Hwy	1	40	Diesel	23
4KS-202	Truck, End Dump, 10-13cy, Hwy	2	30	Diesel	38
4KS-202	Truck, Water, 4 mgal, Hwy	1	20	Diesel	12
4KS-203	Transit Mix Truck, 10cy	1	25	Diesel	51
4KS-203	Truck, Water, 4 mgal, Hwy	1	20	Diesel	12
4KS-301	Truck, Flatbed, 10T, Hwy	1	10	Diesel	6
4KS-301	Truck, Water, 4 mgal, Hwy	1	30	Diesel	17
4KS-302	Truck, Flatbed, 10T, Hwy	1	10	Diesel	6
4KS-302	Transit Mix Truck, 10cy	1	3	Diesel	5
4KS-302	Truck, Water, 4 mgal, Hwy	1	10	Diesel	6
4KS-303	Truck, Water, 4 mgal, Hwy	1	20	Diesel	12
4KS-401	Transit Mix Truck, 10cy	1	20	Diesel	41
4KS-401	Truck, Water, 4 mgal, Hwy	1	20	Diesel	12
4KS-402	Truck, End Dump, 10-13cy, Hwy	4	40	Diesel	51
4KS-402	Truck, Water, 4 mgal, Hwy	1	40	Diesel	23
4KS-403	Truck, End Dump, 10-13cy, Hwy	1	27	Diesel	34
4KS-403	Truck, Water, 4 mgal, Hwy	1	13	Diesel	8
MS-101	Truck, End Dump, 10-13cy, Hwy	1	40	Diesel	51
MS-101	Truck, Water, 4 mgal, Hwy	1	40	Diesel	23
MS-102	Truck, End Dump, 10-13cy, Hwy	1	40	Diesel	51
MS-102	Truck, Water, 4 mgal, Hwy	1	40	Diesel	23
MS-201	Truck, End Dump, 10-13cy, Hwy	1	20	Diesel	25
MS-201	Truck, Water, 4 mgal, Hwy	1	40	Diesel	23
MS-202	Truck, End Dump, 10-13cy, Hwy	2	30	Diesel	38
MS-202	Truck, Water, 4 mgal, Hwy	1	20	Diesel	12
MS-203	Transit Mix Truck, 10cy	1	25	Diesel	51
MS-203	Truck, Water, 4 mgal, Hwy	1	20	Diesel	12
MS-301	Truck, Flatbed, 10T, Hwy	1	10	Diesel	6
MS-301	Truck, Water, 4 mgal, Hwy	1	30	Diesel	17
MS-302	Truck, Flatbed, 10T, Hwy	1	10	Diesel	6
MS-302	Transit Mix Truck, 10cy	1	3	Diesel	5
MS-302	Truck, Water, 4 mgal, Hwy	1	10	Diesel	6
MS-303	Truck, Water, 4 mgal, Hwy	1	20	Diesel	12
MS-401	Transit Mix Truck, 10cy	1	20	Diesel	41
MS-401	Truck, Water, 4 mgal, Hwy	1	20	Diesel	12
MS-402	Truck, End Dump, 10-13cy, Hwy	4	40	Diesel	51
MS-402	Truck, Water, 4 mgal, Hwy	1	40	Diesel	23
MS-403	Truck, End Dump, 10-13cy, Hwy	1	27	Diesel	34
MS-403	Truck, Water, 4 mgal, Hwy	1	13	Diesel	8
LMF-101	Truck, End Dump, 10-13cy, Hwy	2	40	Diesel	51
LMF-101	Truck, Water, 4 mgal, Hwy	1	40	Diesel	23
LMF-102	Truck, End Dump, 10-13cy, Hwy	10	40	Diesel	51
LMF-102	Truck, Water, 4 mgal, Hwy	2	40	Diesel	23
LMF-201	Truck, End Dump, 10-13cy, Hwy	1	40	Diesel	51
LMF-201	Truck, Water, 4 mgal, Hwy	1	40	Diesel	23
LMF-202	Truck, End Dump, 10-13cy, Hwy	1	20	Diesel	25
LMF-202	Truck, Water, 4 mgal, Hwy	1	20	Diesel	12
LMF-203	Transit Mix Truck, 10cy	1	20	Diesel	41
LMF-203	Truck, Water, 4 mgal, Hwy	1	20	Diesel	12
LMF-301	Truck, Flatbed, 10T, Hwy	1	40	Diesel	24
LMF-301	Truck, Water, 4 mgal, Hwy	1	10	Diesel	6
LMF-302	Transit Mix Truck, 10cy	1	10	Diesel	21
LMF-302	Truck, Water, 4 mgal, Hwy	1	5	Diesel	3
LMF-303	Truck, End Dump, 10-13cy, Hwy	1	20	Diesel	25
LMF-303	Truck, Water, 4 mgal, Hwy	1	10	Diesel	6
LMF-401	Transit Mix Truck, 10cy	1	20	Diesel	41

Code	Vehicle	Trucks/Day	RT Mi/ Truck	Fuel	Fuel (gal/day/veh)
LMF-401	Truck, Water, 4 mgal, Hwy	1	20	Diesel	12
LMF-402	Truck, End Dump, 10-13cy, Hwy	2	30	Diesel	38
LMF-402	Truck, Water, 4 mgal, Hwy	1	30	Diesel	17
LMF-403	Truck, End Dump, 10-13cy, Hwy	1	20	Diesel	25
LMF-403	Truck, Water, 4 mgal, Hwy	1	20	Diesel	12
LMF-501	Truck, End Dump, 10-13cy, Hwy	4	40	Diesel	51
LMF-501	Truck, Water, 4 mgal, Hwy	1	30	Diesel	17
LMF-502	Truck, Flatbed, 10T, Hwy	1	40	Diesel	24
A-1 At Grade4-101	Truck, End Dump, 10-13cy, Hwy	1	39	Diesel	50
A-1 At Grade4-101	Truck, Water, 4 mgal, Hwy	1	39	Diesel	23
A-1 At Grade4-102	Truck, End Dump, 10-13cy, Hwy	2	39	Diesel	50
A-1 At Grade4-102	Truck, Water, 4 mgal, Hwy	1	39	Diesel	23
A-1 At Grade4-103	Truck, Water, 4 mgal, Hwy	1	40	Diesel	23
A-1 At Grade4-201	Truck, End Dump, 10-13cy, Hwy	70	37	Diesel	47
A-1 At Grade4-201	Truck, Water, 4 mgal, Hwy	2	32	Diesel	19
A-1 At Grade4-301	Truck, End Dump, 10-13cy, Hwy	75	38	Diesel	48
A-1 At Grade4-301	Truck, Water, 4 mgal, Hwy	2	36	Diesel	21
A-1 At Grade4-302	Truck, Flatbed, 10T, Hwy	2	36	Diesel	22
A-1 At Grade2-101	Truck, End Dump, 10-13cy, Hwy	2	29	Diesel	37
A-1 At Grade2-101	Truck, Water, 4 mgal, Hwy	2	29	Diesel	17
A-1 At Grade2-102	Truck, End Dump, 10-13cy, Hwy	3	38	Diesel	49
A-1 At Grade2-102	Truck, Water, 4 mgal, Hwy	2	29	Diesel	17
A-1 At Grade2-103	Truck, Water, 4 mgal, Hwy	2	24	Diesel	14
A-1 At Grade2-201	Truck, End Dump, 10-13cy, Hwy	113	40	Diesel	51
A-1 At Grade2-201	Truck, Water, 4 mgal, Hwy	3	38	Diesel	22
A-1 At Grade2-301	Truck, End Dump, 10-13cy, Hwy	130	40	Diesel	51
A-1 At Grade2-301	Truck, Water, 4 mgal, Hwy	4	32	Diesel	19
A-1 At Grade2-302	Truck, Flatbed, 10T, Hwy	4	32	Diesel	20
A-2 Berm2-101	Truck, End Dump, 10-13cy, Hwy	1	38	Diesel	49
A-2 Berm2-101	Truck, Water, 4 mgal, Hwy	1	38	Diesel	22
A-2 Berm2-102	Truck, End Dump, 10-13cy, Hwy	2	26	Diesel	33
A-2 Berm2-102	Truck, Water, 4 mgal, Hwy	1	26	Diesel	15
A-2 Berm2-103	Truck, End Dump, 10-13cy, Hwy	1	31	Diesel	40
A-2 Berm2-103	Truck, Water, 4 mgal, Hwy	1	16	Diesel	9
A-2 Berm2-104	Truck, Water, 4 mgal, Hwy	1	42	Diesel	24
A-2 Berm2-104	Transit Mix Truck, 10cy	1	42	Diesel	86
A-2 Berm2-201	Truck, Flatbed, 10T, Hwy	1	38	Diesel	23
A-2 Berm2-202	Truck, End Dump, 10-13cy, Hwy	25	36	Diesel	46
A-2 Berm2-202	Truck, Water, 4 mgal, Hwy	1	38	Diesel	22
A-2 Berm2-203	Truck, Water, 4 mgal, Hwy	1	38	Diesel	22
A-2 Berm2-401	Truck, End Dump, 10-13cy, Hwy	40	38	Diesel	49
A-2 Berm2-401	Truck, Water, 4 mgal, Hwy	1	38	Diesel	22
A-2 Berm2-402	Truck, Flatbed, 10T, Hwy	1	38	Diesel	24
A-2 At Grade4-101	Truck, End Dump, 10-13cy, Hwy	1	37	Diesel	47
A-2 At Grade4-101	Truck, Water, 4 mgal, Hwy	1	37	Diesel	21
A-2 At Grade4-102	Truck, End Dump, 10-13cy, Hwy	2	37	Diesel	47
A-2 At Grade4-102	Truck, Water, 4 mgal, Hwy	1	37	Diesel	21
A-2 At Grade4-103	Truck, Water, 4 mgal, Hwy	1	17	Diesel	10
A-2 At Grade4-201	Truck, End Dump, 10-13cy, Hwy	40	37	Diesel	47
A-2 At Grade4-201	Truck, Water, 4 mgal, Hwy	1	37	Diesel	21
A-2 At Grade4-301	Truck, End Dump, 10-13cy, Hwy	40	39	Diesel	49
A-2 At Grade4-301	Truck, Water, 4 mgal, Hwy	1	39	Diesel	22
A-2 At Grade4-302	Truck, Flatbed, 10T, Hwy	1	39	Diesel	24
A-2 At Grade2-101	Truck, End Dump, 10-13cy, Hwy	2	22	Diesel	28
A-2 At Grade2-101	Truck, Water, 4 mgal, Hwy	2	22	Diesel	13
A-2 At Grade2-102	Truck, End Dump, 10-13cy, Hwy	3	30	Diesel	38
A-2 At Grade2-102	Truck, Water, 4 mgal, Hwy	2	22	Diesel	13
A-2 At Grade2-103	Truck, Water, 4 mgal, Hwy	1	38	Diesel	22
A-2 At Grade2-201	Truck, End Dump, 10-13cy, Hwy	88	40	Diesel	51
A-2 At Grade2-201	Truck, Water, 4 mgal, Hwy	3	29	Diesel	17
A-2 At Grade2-301	Truck, End Dump, 10-13cy, Hwy	101	40	Diesel	50

Code	Vehicle	Trucks/Day	RT Mi/ Truck	Fuel	Fuel (gal/day/veh)
A-2 At Grade2-301	Truck, Water, 4 mgal, Hwy	3	33	Diesel	19
A-2 At Grade2-302	Truck, Flatbed, 10T, Hwy	3	33	Diesel	20
A-3 Berm2-101	Truck, End Dump, 10-13cy, Hwy	1	40	Diesel	51
A-3 Berm2-101	Truck, Water, 4 mgal, Hwy	1	40	Diesel	23
A-3 Berm2-102	Truck, End Dump, 10-13cy, Hwy	2	24	Diesel	30
A-3 Berm2-102	Truck, Water, 4 mgal, Hwy	1	24	Diesel	14
A-3 Berm2-103	Truck, End Dump, 10-13cy, Hwy	1	26	Diesel	33
A-3 Berm2-103	Truck, Water, 4 mgal, Hwy	1	13	Diesel	7
A-3 Berm2-104	Truck, Water, 4 mgal, Hwy	1	42	Diesel	24
A-3 Berm2-104	Transit Mix Truck, 10cy	1	42	Diesel	87
A-3 Berm2-201	Truck, Flatbed, 10T, Hwy	1	40	Diesel	24
A-3 Berm2-202	Truck, End Dump, 10-13cy, Hwy	25	38	Diesel	48
A-3 Berm2-202	Truck, Water, 4 mgal, Hwy	1	40	Diesel	23
A-3 Berm2-203	Truck, Water, 4 mgal, Hwy	1	40	Diesel	23
A-3 Berm2-401	Truck, End Dump, 10-13cy, Hwy	40	40	Diesel	51
A-3 Berm2-401	Truck, Water, 4 mgal, Hwy	1	40	Diesel	23
A-3 Berm2-402	Truck, Flatbed, 10T, Hwy	1	40	Diesel	25
A-3 At Grade2-101	Truck, End Dump, 10-13cy, Hwy	3	34	Diesel	44
A-3 At Grade2-101	Truck, Water, 4 mgal, Hwy	3	34	Diesel	20
A-3 At Grade2-102	Truck, End Dump, 10-13cy, Hwy	6	34	Diesel	44
A-3 At Grade2-102	Truck, Water, 4 mgal, Hwy	3	34	Diesel	20
A-3 At Grade2-103	Truck, Water, 4 mgal, Hwy	3	29	Diesel	17
A-3 At Grade2-201	Truck, End Dump, 10-13cy, Hwy	210	39	Diesel	49
A-3 At Grade2-201	Truck, Water, 4 mgal, Hwy	6	34	Diesel	20
A-3 At Grade2-301	Truck, End Dump, 10-13cy, Hwy	250	37	Diesel	47
A-3 At Grade2-301	Truck, Water, 4 mgal, Hwy	6	39	Diesel	22
A-3 At Grade2-302	Truck, Flatbed, 10T, Hwy	6	39	Diesel	24
B-3 Berm4-101	Truck, End Dump, 10-13cy, Hwy	2	23	Diesel	29
B-3 Berm4-101	Truck, Water, 4 mgal, Hwy	2	23	Diesel	13
B-3 Berm4-102	Truck, End Dump, 10-13cy, Hwy	2	40	Diesel	51
B-3 Berm4-102	Truck, Water, 4 mgal, Hwy	1	40	Diesel	23
B-3 Berm4-103	Truck, End Dump, 10-13cy, Hwy	2	24	Diesel	31
B-3 Berm4-103	Truck, Water, 4 mgal, Hwy	1	24	Diesel	14
B-3 Berm4-104	Truck, Water, 4 mgal, Hwy	1	24	Diesel	14
B-3 Berm4-104	Transit Mix Truck, 10cy	1	18	Diesel	37
B-3 Berm4-201	Truck, Flatbed, 10T, Hwy	4	39	Diesel	24
B-3 Berm4-202	Truck, End Dump, 10-13cy, Hwy	167	40	Diesel	51
B-3 Berm4-202	Truck, Water, 4 mgal, Hwy	7	40	Diesel	23
B-3 Berm4-203	Truck, Water, 4 mgal, Hwy	7	40	Diesel	23
B-3 Berm4-401	Truck, End Dump, 10-13cy, Hwy	160	40	Diesel	51
B-3 Berm4-401	Truck, Water, 4 mgal, Hwy	4	40	Diesel	23
B-3 Berm4-402	Truck, Flatbed, 10T, Hwy	4	40	Diesel	24
B-3 Berm2-101	Truck, End Dump, 10-13cy, Hwy	1	40	Diesel	51
B-3 Berm2-101	Truck, Water, 4 mgal, Hwy	1	40	Diesel	23
B-3 Berm2-102	Truck, End Dump, 10-13cy, Hwy	2	40	Diesel	51
B-3 Berm2-102	Truck, Water, 4 mgal, Hwy	1	40	Diesel	23
B-3 Berm2-103	Truck, End Dump, 10-13cy, Hwy	2	40	Diesel	51
B-3 Berm2-103	Truck, Water, 4 mgal, Hwy	1	40	Diesel	23
B-3 Berm2-104	Truck, Water, 4 mgal, Hwy	1	40	Diesel	23
B-3 Berm2-104	Transit Mix Truck, 10cy	1	40	Diesel	82
B-3 Berm2-201	Truck, Flatbed, 10T, Hwy	1	40	Diesel	24
B-3 Berm2-202	Truck, End Dump, 10-13cy, Hwy	24	40	Diesel	50
B-3 Berm2-202	Truck, Water, 4 mgal, Hwy	1	40	Diesel	23
B-3 Berm2-203	Truck, Water, 4 mgal, Hwy	1	40	Diesel	23
B-3 Berm2-401	Truck, End Dump, 10-13cy, Hwy	40	40	Diesel	51
B-3 Berm2-401	Truck, Water, 4 mgal, Hwy	1	40	Diesel	23
B-3 Berm2-402	Truck, Flatbed, 10T, Hwy	1	40	Diesel	24
B-3 At Grade4-101	Truck, End Dump, 10-13cy, Hwy	1	39	Diesel	49
B-3 At Grade4-101	Truck, Water, 4 mgal, Hwy	1	39	Diesel	22
B-3 At Grade4-102	Truck, End Dump, 10-13cy, Hwy	2	39	Diesel	49
B-3 At Grade4-102	Truck, Water, 4 mgal, Hwy	1	39	Diesel	22

Code	Vehicle	Trucks/Day	RT Mi/ Truck	Fuel	Fuel (gal/day/veh)
B-3 At Grade4-103	Truck, Water, 4 mgal, Hwy	1	35	Diesel	20
B-3 At Grade4-201	Truck, End Dump, 10-13cy, Hwy	40	39	Diesel	49
B-3 At Grade4-201	Truck, Water, 4 mgal, Hwy	1	39	Diesel	22
B-3 At Grade4-301	Truck, End Dump, 10-13cy, Hwy	40	39	Diesel	49
B-3 At Grade4-301	Truck, Water, 4 mgal, Hwy	1	39	Diesel	22
B-3 At Grade4-302	Truck, Flatbed, 10T, Hwy	1	39	Diesel	24
B-3 At Grade2-101	Truck, End Dump, 10-13cy, Hwy	2	35	Diesel	44
B-3 At Grade2-101	Truck, Water, 4 mgal, Hwy	2	35	Diesel	20
B-3 At Grade2-102	Truck, End Dump, 10-13cy, Hwy	4	35	Diesel	44
B-3 At Grade2-102	Truck, Water, 4 mgal, Hwy	2	35	Diesel	20
B-3 At Grade2-103	Truck, Water, 4 mgal, Hwy	2	29	Diesel	17
B-3 At Grade2-201	Truck, End Dump, 10-13cy, Hwy	140	39	Diesel	49
B-3 At Grade2-201	Truck, Water, 4 mgal, Hwy	4	34	Diesel	20
B-3 At Grade2-301	Truck, End Dump, 10-13cy, Hwy	156	40	Diesel	51
B-3 At Grade2-301	Truck, Water, 4 mgal, Hwy	4	39	Diesel	22
B-3 At Grade2-302	Truck, Flatbed, 10T, Hwy	4	39	Diesel	24
A-4 At Grade4-101	Truck, End Dump, 10-13cy, Hwy	1	38	Diesel	49
A-4 At Grade4-101	Truck, Water, 4 mgal, Hwy	1	38	Diesel	22
A-4 At Grade4-102	Truck, End Dump, 10-13cy, Hwy	2	38	Diesel	49
A-4 At Grade4-102	Truck, Water, 4 mgal, Hwy	1	38	Diesel	22
A-4 At Grade4-103	Truck, Water, 4 mgal, Hwy	1	39	Diesel	22
A-4 At Grade4-201	Truck, End Dump, 10-13cy, Hwy	65	39	Diesel	49
A-4 At Grade4-201	Truck, Water, 4 mgal, Hwy	2	32	Diesel	18
A-4 At Grade4-301	Truck, End Dump, 10-13cy, Hwy	72	39	Diesel	49
A-4 At Grade4-301	Truck, Water, 4 mgal, Hwy	2	35	Diesel	20
A-4 At Grade4-302	Truck, Flatbed, 10T, Hwy	2	35	Diesel	21
A-4 At Grade2-101	Truck, End Dump, 10-13cy, Hwy	2	24	Diesel	30
A-4 At Grade2-101	Truck, Water, 4 mgal, Hwy	2	24	Diesel	14
A-4 At Grade2-102	Truck, End Dump, 10-13cy, Hwy	3	32	Diesel	40
A-4 At Grade2-102	Truck, Water, 4 mgal, Hwy	2	24	Diesel	14
A-4 At Grade2-103	Truck, Water, 4 mgal, Hwy	2	20	Diesel	12
A-4 At Grade2-201	Truck, End Dump, 10-13cy, Hwy	94	40	Diesel	50
A-4 At Grade2-201	Truck, Water, 4 mgal, Hwy	3	31	Diesel	18
A-4 At Grade2-301	Truck, End Dump, 10-13cy, Hwy	107	40	Diesel	51
A-4 At Grade2-301	Truck, Water, 4 mgal, Hwy	3	36	Diesel	21
A-4 At Grade2-302	Truck, Flatbed, 10T, Hwy	3	36	Diesel	22

Code	Trip/Day	RT Mi/Trip	Fuel	Fuel (gal/day)
4KS-101	6	80	Diesel	329
MS-101	6	80	Diesel	329
LMF-101	0	0	Diesel	0
A-1 At Grade4-103	8	450	Diesel	2,469
A-1 At Grade2-103	4	450	Diesel	1,234
A-2 Berm2-103	8	450	Diesel	2,469
A-2 At Grade4-103	8	450	Diesel	2,469
A-2 At Grade2-103	4	450	Diesel	1,234
A-3 Berm2-103	8	450	Diesel	2,469
A-3 At Grade2-103	4	450	Diesel	1,234
B-3 Berm4-103	8	400	Diesel	2,194
B-3 Berm2-103	8	450	Diesel	2,469
B-3 At Grade4-103	8	450	Diesel	2,469
B-3 At Grade2-103	4	450	Diesel	1,234
A-4 At Grade4-103	8	450	Diesel	2,469
A-4 At Grade2-103	4	450	Diesel	1,234

Code	Grading (acres/day)	Cut/fill (cy/day)	Dozing (hr/day)
4KS-101	0.00	0.0	6
4KS-102	1.50	0.0	0
MS-101	0.00	0.0	6
MS-102	1.50	0.0	0
LMF-101	0.00	0.0	8
LMF-102	4.50	0.0	0
LMF-501	0.00	0.0	6
A-1_At Grade4-101	0.00	21.9	0
A-1_At Grade4-102	0.00	0.0	7
A-1_At Grade4-103	0.09	0.0	7
A-1_At Grade4-201	0.01	33.0	0
A-1_At Grade2-101	0.01	32.1	0
A-1_At Grade2-103	0.42	0.0	9
A-1_At Grade2-201	0.03	83.6	0
A-1_At Grade2-102	0.00	0.0	10
A-2_Berm2-101	0.00	42.7	0
A-2_Berm2-102	0.00	0.0	5
A-2_Berm2-103	0.04	60.8	3
A-2_Berm2-202	0.00	153.2	7
A-2_At Grade4-101	0.00	41.0	0
A-2_At Grade4-102	0.00	0.0	6
A-2_At Grade4-103	0.02	0.0	3
A-2_At Grade4-201	0.00	37.5	0
A-2_At Grade2-101	0.01	49.7	0
A-2_At Grade2-102	0.00	0.0	7
A-2_At Grade2-103	0.25	0.0	7
A-2_At Grade2-201	0.02	129.6	0
A-3_Berm2-101	0.00	44.7	0
A-3_Berm2-102	0.00	0.0	5
A-3_Berm2-103	0.03	50.0	3
A-3_Berm2-202	0.00	162.0	8
A-3_At Grade2-101	0.01	115.0	0
A-3_At Grade2-102	0.00	0.0	17
A-3_At Grade2-103	1.34	0.0	16
A-3_At Grade2-201	0.05	299.9	0
B-3_Berm4-101	0.01	51.0	0
B-3_Berm4-103	0.04	61.1	5
B-3_Berm4-202	0.06	980.3	53
B-3_Berm2-101	0.00	44.4	0
B-3_Berm2-103	0.10	155.6	8
B-3_Berm2-202	0.00	163.0	8
B-3_At Grade4-101	0.00	43.0	0
B-3_At Grade4-102	0.00	0.0	6
B-3_At Grade4-103	0.03	0.0	6
B-3_At Grade4-201	0.00	39.3	0
B-3_At Grade2-101	0.01	77.2	0
B-3_At Grade2-102	0.00	0.0	12
B-3_At Grade2-103	0.61	0.0	11
B-3_At Grade2-201	0.03	201.2	0
A-4_At Grade4-101	0.00	42.7	0
A-4_At Grade4-102	0.00	0.0	6
A-4_At Grade4-103	0.08	0.0	7
A-4_At Grade4-201	0.01	64.3	0
A-4_At Grade2-101	0.01	52.9	0
A-4_At Grade2-102	0.00	0.0	8
A-4_At Grade2-103	0.28	0.0	7
A-4_At Grade2-201	0.02	137.9	0

Code	Demo (sf/day)
4KS-101	0
MS-101	0
LMF-101	5,239
A-1_At Grade4-102	0
A-2_Berm2-102	223
A-2_At Grade4-102	223
A-2_At Grade2-102	223
A-3_Berm2-102	49
A-3_At Grade2-102	49
B-3_Berm4-102	180
B-3_Berm2-102	180
B-3_At Grade4-102	180
B-3_At Grade2-102	180
A-4_At Grade4-102	0
A-4_At Grade2-102	0

Code	Paving Year	Paving Days	Paved (sf/day)
4KS-402	2023	20	15,000
MS-402	2023	20	15,000
LMF-402	2022	15	16,000
A-1_At Grade4-101	2024	40	400
A-1_At Grade4-201	2025	5	4,000
A-1_At Grade2-101	2024	30	1,000
A-1_At Grade2-201	2025	7	8,000
A-2_Berm2-101	2021	12	400
A-2_Berm2-401	2025	5	1,000
A-2_At Grade4-101	2022	20	400
A-2_At Grade4-201	2024	2	4,000
A-2_At Grade2-101	2024	25	1,000
A-2_At Grade2-201	2025	8	5,000
A-3_Berm2-101	2021	18	400
A-3_Berm2-401	2025	7	1,000
A-3_At Grade2-101	2024	50	400
A-3_At Grade2-201	2025	23	5,000
B-3_Berm4-101	2023	90	400
B-3_Berm4-401	2025	6	5,000
B-3_Berm2-101	2021	7	200
B-3_Berm2-401	2024	4	400
B-3_At Grade4-101	2022	18	400
B-3_At Grade4-201	2024	7	1,000
B-3_At Grade2-101	2024	35	1,000
B-3_At Grade2-201	2025	16	4,000
A-4_At Grade4-101	2024	40	400
A-4_At Grade4-201	2025	5	4,000
A-4_At Grade2-101	2024	25	1,000
A-4_At Grade2-201	2025	6	8,000

Code	Coating Year	Coating Days	Coated (sf/day)
4KS-302	2023	20	1,000
MS-302	2023	20	5,000
LMF-302	2022	50	10,000

No use of electric construction equipment is anticipated for FJ section.