

DISTRIBUTION OF QUANTITIES

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Estimate Name - Bridge Grou 59A - Park Ave RR

R.I. Contract No. - 2018-CB-021

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
001	201.0321	CLEARING AND GRUBBING	SY			
		PARK AVE BRIDGE 922				
		11+25 TO 12+00 LT		70.00	0011	01
		11+25 TO 12+00 RT		68.00	0011	01
		9+75 TO 10+50 LT		68.00	0011	01
		9+75 TO 10+50 RT		70.00	0011	01
Item 201.0321 Total:				276.00		
002	201.0401	REMOVE AND DISPOSE GRANITE CURB	LF			
		PARK AVE BRIDGE 922				
		11+25 TO 12+00 LT		75.00	0011	01
		11+25 TO 12+00 RT		75.00	0011	01
		9+75 TO 10+50 LT		75.00	0011	01
		9+75 TO 10+50 RT		75.00	0011	01
Item 201.0401 Total:				300.00		
003	201.0403	REMOVE AND DISPOSE SIDEWALKS	SY			
		PARK AVE BRIDGE 922				
		11+25 TO 12+00 LT		41.00	0011	01
		11+25 TO 12+00 RT		42.00	0011	01
		9+75 TO 10+50 LT		41.00	0011	01
		9+75 TO 10+50 RT		42.00	0011	01
Item 201.0403 Total:				166.00		
004	201.0407	REMOVE AND DISPOSE PAVEMENT AND RIGID BASE	SY			
		PARK AVE BR. 922				
		STA 11+25 TO 12+00		313.00	0011	01
		STA 9+75 TO 10+50		308.00	0011	01
Item 201.0407 Total:				621.00		
005	201.0419	REMOVE AND DISPOSE FENCE	LF			
		PARK AVE BRIDGE 922				

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
005	201.0419	Cont.				
		11+25 TO 12+00 LT		75.00	0011	01
		11+50 TO 12+00 RT		60.00	0011	01
		9+75 TO 10+50 LT		75.00	0011	01
		9+75 TO 10+50 RT		75.00	0011	01
Item 201.0419 Total:				285.00		
006	202.0100	EARTH EXCAVATION	CY			
		PARK AVE BRIDGE 922 (CC-SW)				
		STA 11+25 TO 12+00 LT (CC-SW)		9.33	0011	01
		STA 11+25 TO 12+00 RT (CC-SW)		9.33	0011	01
		STA 9+75 TO 10+50 LT (CC-SW)		9.11	0011	01
		STA 9+75 TO 10+50 RT (CC-SW)		9.55	0011	01
		PARK AVE BRIDGE 922 (PVMTP)				
		11+25 TO 12+00 (PVMTP)		104.32	0011	01
		9+75 TO 10+50 (PVMTP)		102.66	0011	01
		ROUNDING				
		ROUNDING		0.70	0011	01
Item 202.0100 Total:				245.00		
007	203.0100	STRUCTURAL EXCAVATION EARTH	CY			
		Park Ave RR Bridge 922				
		PARK AVE RR BRIDGE NO. 922		1,500.00	0011	01
Item 203.0100 Total:				1,500.00		
008	203.9901	GEOFOAM BACKFILL	CY			
		PARK AVE RR BRIDGE NO. 922				
		PARK AVE RR BRIDGE NO. 922		1,000.00	0011	01
Item 203.9901 Total:				1,000.00		
009	203.9902	GEOMEMBRANE	SY			
		PARK AVE RR BRIDGE NO. 922				
		PARK AVE RR BRIDGE NO. 922		600.00	0011	01
Item 203.9902 Total:				600.00		

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
010	204.0100	TRIMMING AND FINE GRADING	SY			
		PARK AVE BRIDGE 922 (CC-SW)				
		STA 11+25 TO 12+00 LT (CC-SW)		42.00	0011	01
		STA 11+25 TO 12+00 RT (CC-SW)		42.00	0011	01
		STA 9+75 TO 10+50 LT (CC-SW)		41.00	0011	01
		STA 9+75 TO 10+50 RT (CC-SW)		43.00	0011	01
		PARK AVE BRIDGE 922 (PSOIL)				
		STA 11+25 TO 12+00 LT (PSOIL)		70.00	0011	01
		STA 11+25 TO 12+00 RT (PSOIL)		68.00	0011	01
		STA 9+75 TO 10+50 LT (PSOIL)		68.00	0011	01
		STA 9+75 TO 10+50 RT (PSOIL)		70.00	0011	01
		PARK AVE BRIDGE 922 (PVMTP)				
		11+25 TO 12+00 (PVMTP)		313.00	0011	01
		9+75 TO 10+50 (PVMTP)		308.00	0011	01
Item 204.0100 Total:				1,065.00		
011	206.0312	COMPOST FILTER SOCK 12 INCH	LF			
		DIAMETER				
		PARK AVE BRIDGE 922				
		11+30 TO 12+00 LT		69.00	0011	01
		11+30 TO 12+00 RT		73.00	0011	01
		9+75 TO 10+50 LT		72.00	0011	01
		9+75 TO 10+50 RT		72.00	0011	01
Item 206.0312 Total:				286.00		
012	212.2100	MAINTENANCE AND CLEANING OF	LS			
		EROSION AND POLLUTION CONTROLS				
		PARK AVE				
		PER SPECIFICATIONS		1.00	0011	01
Item 212.2100 Total:				1.00		
013	213.0100	PLACEMENT OF MILLINGS BENEATH	LF			

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
013	213.0100	Cont. GUARDRAIL				
		PARK AVE BRIDGE 922				
		11+25 TO 12+00 LT		50.00	0011	01
		11+25 TO 12+00 RT		50.00	0011	01
		9+75 TO 10+50 LT		50.00	0011	01
		9+75 TO 10+50 RT		50.00	0011	01
Item 213.0100 Total:				200.00		
014	302.0100	GRAVEL BORROW SUBBASE COURSE	CY			
		PARK AVE BRIDGE 922 (CC-SW)				
		STA 11+25 TO 12+00 LT (CC-SW)		9.33	0011	01
		STA 11+25 TO 12+00 RT (CC-SW)		9.33	0011	01
		STA 9+75 TO 10+50 LT (CC-SW)		9.11	0011	01
		STA 9+75 TO 10+50 RT (CC-SW)		9.55	0011	01
		PARK AVE BRIDGE 922 (PVMTP)				
		11+25 TO 12+00 (PVMTP)		156.50	0011	01
		9+75 TO 10+50 (PVMTP)		154.00	0011	01
		ROUNDING				
		ROUNDING		0.18	0011	01
Item 302.0100 Total:				348.00		
015	401.1000	CLASS 19.0 HMA	TON			
		PARK AVE BRIDGE 922 (PVMTP)				
		11+25 TO 12+00 (PVMTP)		193.38	0011	01
		9+75 TO 10+50 (PVMTP)		190.29	0011	01
		ROUNDING				
		ROUNDING		0.33	0011	01
Item 401.1000 Total:				384.00		
016	401.2100	MODIFIED CLASS 12.5 HMA	TON			
		PARK AVE BRIDGE 922 (PVMTP)				
		11+25 TO 12+00 (PVMTP)		40.47	0011	01
		9+75 TO 10+50 (PVMTP)		39.83	0011	01

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016	401.2100 Cont.	ROUNDING				
		ROUNDING		0.70	0011	01
Item 401.2100 Total:				81.00		
017	403.0300	ASPHALT EMULSION TACK COAT	SY			
		PARK AVE BRIDGE 922 (PVMTP)				
		11+25 TO 12+00 (PVMTP)		939.00	0011	01
		9+75 TO 10+50 (PVMTP)		924.00	0011	01
Item 403.0300 Total:				1,863.00		
018	603.1000	CONTROLLED LOW STRENGTH MATERIAL	CY			
		Park Ave RR Bridge 922				
		Park Ave Bridge No. 922		10.00	0011	01
Item 603.1000 Total:				10.00		
S019	701.8112	12 INCH GATE VALVE AND BOX	EACH			
		PARK AVE. BR. 922				
		EAST SIDE OF BRIDGE		1.00	0011	01
		WEST SIDE OF BRIDGE		1.00	0011	01
Item 701.8112 Total:				2.00		
S020	701.9903	10 INCH HDPE TEMPORARY WATER BY-PASS PIPELINE	LS			
		PARK AVE. BR. 922				
		TEMPORARY WATER MAIN ACROSS BRIDGE		1.00	0011	01
Item 701.9903 Total:				1.00		
021	707.0950	ADJUST TELEPHONE MANHOLE TO GRADE	EACH			
		PARK AVE BRIDGE 922				
		STA 10+10 LT		1.00	0011	01
		STA 11+75 LT		1.00	0011	01
Item 707.0950 Total:				2.00		

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
S022	707.9901	12 INCH (CLASS 52) TR-FLEX RESTRAINED JOINT DUCTILE IRON PIPE PARK AVE. BR. 922	LF			
		EAST OF BRIDGE BETWEEN REDUCER AND COUPLING		15.00	0011	01
		WEST OF BRIDGE BETWEEN REDUCER AND COUPLING		15.00	0011	01
Item 707.9901 Total:				30.00		
S023	707.9902	10 INCH (CLASS 56) TR-FLEX RESTRAINED JOINT DUCTILE IRON WATER PIPE PARK AVE. BR. 922	LF			
		ACROSS BRIDGE BETWEEN REDUCERS		200.00	0011	01
Item 707.9902 Total:				200.00		
S024	707.9903	16" STEEL CASING FOR TEMPORARY WATER MAIN PARK AVE. BR. 922	LF			
		TEMPORARY WATER MAIN ACROSS BRIDGE		80.00	0011	01
Item 707.9903 Total:				80.00		
S025	707.9904	16" STEEL CASING FOR PERMANENT WATER MAIN PARK AVE. BR. 922	LF			
		PERMANENT WATER MAIN ACROSS BRIDGE		80.00	0011	01
Item 707.9904 Total:				80.00		
S026	712.9901	INSTALLATION OF GAS MAIN AND	LS			

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S026	712.9901	Cont. APPURTENANCES				
		PARK AVE BRIDGE 922				
		PROJECTWIDE		1.00	0011	01
Item 712.9901 Total:				1.00		
027	713.8269	ADJUST WATER GATE BOXES TO GRADE	EACH			
		PARK AVE BRIDGE 922				
		STA 11+75 RT		1.00	0011	01
Item 713.8269 Total:				1.00		
028	800.9901	PARK AVENUE RAILROAD BRIDGE NO. 922	LS			
		PARK AVE RR BRIDGE NO. 922				
		PARK AVE RR BRIDGE NO. 922		1.00	0011	01
Item 800.9901 Total:				1.00		
S029	800.9902	TEMPORARY UTILITY SUPPORT BRIDGE	LS			
		BRIDGE 922				
		PARK AVE		1.00	0011	01
Item 800.9902 Total:				1.00		
030	803.9901	REMOVE AND DISPOSE EXISTING PARK AVENUE RAILROAD BRIDGE NO. 922	LS			
		PARK AVE RR BRIDGE NO. 922				
		PARK AVE RR BRIDGE NO. 922		1.00	0011	01
Item 803.9901 Total:				1.00		
031	807.9910	REPOINTING GRANITE STONE ABUTMENTS	LF			
		PARK AVE RR BRIDGE NO. 922				
		PARK AVE RR BRIDGE NO. 922		1,000.00	0011	01
Item 807.9910 Total:				1,000.00		
S032	901.9901	GUARDRAIL CONNECTION TO BRIDGE END POST	EACH			

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Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
S032	901.9901 Cont.	BRIDGE 922				
		END POST		4.00	0011	01
Item 901.9901 Total:				4.00		
S033	901.9902	GUARDRAIL END TREATMENT - MASH	EACH			
		COMPLIANT TEST LEVEL 2				
		BRIDGE 922				
		END POST		4.00	0011	01
Item 901.9902 Total:				4.00		
S034	903.0206	CHAIN LINK FENCE 6' STD 31.2.0	LF			
		PARK AVE BRIDGE 922				
		11+20 TO 12+00 LT		80.00	0011	01
		9+75 TO 10+55 LT		80.00	0011	01
		9+75 TO 10+55 RT		80.00	0011	01
Item 903.0206 Total:				240.00		
S035	903.0410	TEMPORARY CHAIN LINK FENCE	LF			
		BRIDGE 922				
		PARK AVE		100.00	0011	01
Item 903.0410 Total:				100.00		
036	905.0110	PORTLAND CEMENT SIDEWALK	CY			
		MONOLITHIC STANDARD 43.1.0				
		PARK AVE BRIDGE 922 (CC-SW)				
		STA 11+25 TO 12+00 LT (CC-SW)		4.67	0011	01
		STA 11+25 TO 12+00 RT (CC-SW)		4.67	0011	01
		STA 9+75 TO 10+50 LT (CC-SW)		4.56	0011	01
		STA 9+75 TO 10+50 RT (CC-SW)		4.78	0011	01
		ROUNDING				
		ROUNDING		0.32	0011	01
Item 905.0110 Total:				19.00		

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037	906.0110	GRANITE CURB, QUARRY SPLIT	LF			
		STRAIGHT, STANDARD 7.3.0				
		PARK AVE BRIDGE 922				
		11+32 TO 12+00 LT		68.00	0011	01
		11+32 TO 12+00 RT		68.00	0011	01
		9+75 TO 10+42 LT		67.00	0011	01
		9+75 TO 10+42 RT		67.00	0011	01
Item 906.0110 Total:				270.00		
038	907.0100	WATER FOR DUST CONTROL	MGAL			
		PROJECTWIDE				
		AS DIRECTED BY ENGINEER		3.00	0011	01
Item 907.0100 Total:				3.00		
039	914.5010	FLAGPERSONS	MHRS			
		PARK AVE. BR. 922				
		AS DIRECTED		160.00	0011	01
Item 914.5010 Total:				160.00		
040	914.5020	FLAGPERSONS - OVERTIME	MHRS			
		PARK AVE. BR. 922				
		10% OF ITEM 914.5010		16.00	0011	01
Item 914.5020 Total:				16.00		
041	915.0200	HIGHWAY BOUNDS REINFORCED CONCRETE	EACH			
		STANDARD 14.1.0				
		PARK AVE				
		10+47 LT & RT		2.00	0011	01
		11+30 LT & RT		2.00	0011	01
		11+80 LT & RT		4.00	0011	01
		9+95 LT & RT		4.00	0011	01
Item 915.0200 Total:				12.00		

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042	922.0100	TEMPORARY CONSTRUCTION SIGNS	SF			
		STANDARD 29.1.0 AND 27.1.1				
		PARK AVE BRIDGE 922				
		M1-5 (24"X24") (20)		80.00	0011	01
		M3-2 (24"X12") (10)		20.00	0011	01
		M3-4 (24"X12") (10)		20.00	0011	01
		M4-10R ONE WAY RIGHT ARROW		3.00	0011	01
		36X12 (1)				
		M4-8 (24"X12") (20)		40.00	0011	01
		M4-8A (24"X12") (2)		4.00	0011	01
		M5-1L (21"X15") (2)		5.00	0011	01
		M5-1R (21"X15") (1)		3.00	0011	01
		M6-1L (21"X15") (5)		11.00	0011	01
		M6-1R (21X15") (2)		5.00	0011	01
		M6-3 (21"X15") (10)		22.00	0011	01
		R11-2 (48"X30") (3)		30.00	0011	01
		R11-3A (60"X30") (2)		25.00	0011	01
		R5-1 DO NOT ENTER 30X30 (1)		7.00	0011	01
		R9-9 (24"X12") (4)		8.00	0011	01
		SP-1 (48"X30") (3)		30.00	0011	01
		SP-2 (24"X12") (20)		40.00	0011	01
		W20-2 (36"X36") (6)		54.00	0011	01
		W20-3 (36"X36") (5)		45.00	0011	01
Item 922.0100 Total:				452.00		
043	923.0105	DRUM BARRICADE STANDARD 26.2.0	BDAY			
		PARK AVE				
		AT RR BRIDGE		4,380.00	0011	01
		WESTBOUND FRANCES ST TO		5,840.00	0011	01
		ELMWOOD AVE				
Item 923.0105 Total:				10,220.00		
044	923.0120	PLASTIC PIPE BARRICADE STANDARD	EACH			

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044	923.0120	Cont. 26.3.0				
		PARK AVE BRIDGE 922				
		PROJECTWIDE		7.00	0011	01
Item 923.0120 Total:				7.00		
045	925.0112	PORTABLE CHANGEABLE MESSAGE SIGN	PDAY			
		PARK AVE BRIDGE 922				
		PROJECTWIDE		730.00	0011	01
Item 925.0112 Total:				730.00		
046	926.0210	UNANCHORED BARRIER FOR TEMPORARY TRAFFIC CONTROL STANDARD 40.5.0	LF			
		PARK AVE				
		BRIDGE CLOSURE		80.00	0011	01
Item 926.0210 Total:				80.00		
047	929.0110	FIELD OFFICE	PMO			
		Park Ave RR Bridge No. 922				
		Park Ave RR Bridge No. 922		15.00	0011	01
Item 929.0110 Total:				15.00		
048	932.0100	CUTTING AND MATCHING ASPHALT	LF			
		PARK AVE BRIDGE 922				
		12+00		40.00	0011	01
		9+75		40.00	0011	01
Item 932.0100 Total:				80.00		
049	932.0230	FULL DEPTH SAWCUT OF PORTLAND CEMENT CONCRETE SIDEWALK/DRIVEWAY	LF			
		PARK AVE BRIDGE 922				
		12+00 LT		5.00	0011	01
		12+00 RT		5.00	0011	01
		9+75 LT		5.00	0011	01

Distribution of Quantities

Project Name - Bridge Group 59A - Park Ave RR
 Estimate Name - Bridge Grou 59A - Park Ave RR
 R.I. Contract No. - 2018-CB-021
 FAP Nos: BRO-0922(001)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
049	932.0230	Cont. 9+75 RT		5.00	0011	01
Item 932.0230 Total:				20.00		
050	936.0110	MOBILIZATION	LS			
		PARK AVE. BR. 922				
		PER SPECIFICATION		1.00	0011	01
Item 936.0110 Total:				1.00		
051	936.9901	FORCE ACCOUNT BANK - UNEXPECTED	EACH			
		AMTRAK DOWN TIME				
		PARK AVE RR BRIDGE NO. 922				
		PARK AVE RR BRIDGE NO. 922		150,000.00	0011	01
Item 936.9901 Total:				150,000.00		
052	937.0200	MAINTENANCE AND MOVEMENT TRAFFIC	LS			
		PROTECTION				
		PARK AVE. BR. 922				
		PER SPECIFICATION		1.00	0011	01
Item 937.0200 Total:				1.00		
053	L01.0104	PLANTABLE SOIL 4 INCHES DEEP	SY			
		PARK AVE BRIDGE 922 (PSOIL)				
		STA 11+25 TO 12+00 LT (PSOIL)		70.00	0011	01
		STA 11+25 TO 12+00 RT (PSOIL)		68.00	0011	01
		STA 9+75 TO 10+50 LT (PSOIL)		68.00	0011	01
		STA 9+75 TO 10+50 RT (PSOIL)		70.00	0011	01
Item L01.0104 Total:				276.00		
S054	L02.0101	GENERAL HIGHWAY SEEDING (TYPE 1)	SY			
		PARK AVE BRIDGE 922 (PSOIL)				
		STA 11+25 TO 12+00 LT (PSOIL)		70.00	0011	01
		STA 11+25 TO 12+00 RT (PSOIL)		68.00	0011	01
		STA 9+75 TO 10+50 LT (PSOIL)		68.00	0011	01

Distribution of Quantities

Project Name - Bridge Group 59A - Park Ave RR
 Estimate Name - Bridge Grou 59A - Park Ave RR
 R.I. Contract No. - 2018-CB-021
 FAP Nos: BRO-0922(001)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
S054	L02.0101	Cont. STA 9+75 TO 10+50 RT (PSOIL)		70.00	0011	01
Item L02.0101 Total:				276.00		
S055	L05.9901	PERMANENT EROSION CONTROL BLANKET	SY			
		PARK AVE BRIDGE 922 (PSOIL)				
		STA 11+25 TO 12+00 LT (PSOIL)		70.00	0011	01
		STA 11+25 TO 12+00 RT (PSOIL)		68.00	0011	01
		STA 9+75 TO 10+50 LT (PSOIL)		68.00	0011	01
		STA 9+75 TO 10+50 RT (PSOIL)		70.00	0011	01
Item L05.9901 Total:				276.00		
056	L08.0109	TREE TRIMMING	MHRS			
		PROJECTWIDE				
		AS DIRECTED BY ENGINEER		8.00	0011	01
Item L08.0109 Total:				8.00		
057	L11.0102	TREE PLANT PROTECTION DEVICE	EACH			
		STANDARD 51.1.0				
		PARK AVE BRIDGE 922				
		10+40 RT		1.00	0011	01
		11+25 TO 12+00 LT		3.00	0011	01
		11+25 TO 12+00 RT		2.00	0011	01
Item L11.0102 Total:				6.00		
058	L15.9901	FURNISH AND INSTALL 4' ORNAMENTAL	LF			
		FENCE				
		PARK AVE BRIDGE 922				
		STA 11+28 TO 11+81 RT		74.00	0011	01
Item L15.9901 Total:				74.00		
S059	T20.2406	6 INCH WHITE FINAL EPOXY RESIN	LF			
		PAVEMENT MARKINGS				
		PARK AVE				

Distribution of Quantities

Project Name - Bridge Group 59A - Park Ave RR

Estimate Name - Bridge Grou 59A - Park Ave RR

R.I. Contract No. - 2018-CB-021

FAP Nos: BRO-0922(001)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
S059	T20.2406	Cont.				
		9+75 TO 12+00		450.00	0011	01
Item T20.2406 Total:				450.00		
S060	T20.2804					
		4 INCH YELLOW FINAL EPOXY RESIN	LF			
		PAVEMENT MARKINGS				
		PARK AVE				
		9+75 TO 12+00		450.00	0011	01
Item T20.2804 Total:				450.00		

ITEMS LIST

Item List

Estimate Name - Bridge Grou 59A - Park Ave RR
 Project Name - Bridge Group 59A - Park Ave RR
 R.I. Contract No. - 2018-CB-021
 FAP Nos. - BRO-0922(001)

Seq No.	Item Code	Description	Quantity	UM
001	201.0321	CLEARING AND GRUBBING	276.00	SY
002	201.0401	REMOVE AND DISPOSE GRANITE CURB	300.00	LF
003	201.0403	REMOVE AND DISPOSE SIDEWALKS	166.00	SY
004	201.0407	REMOVE AND DISPOSE PAVEMENT AND RIGID BASE	621.00	SY
005	201.0419	REMOVE AND DISPOSE FENCE	285.00	LF
006	202.0100	EARTH EXCAVATION	245.00	CY
007	203.0100	STRUCTURAL EXCAVATION EARTH	1,500.00	CY
008	203.9901	GEOFOAM BACKFILL	1,000.00	CY
009	203.9902	GEOMEMBRANE	600.00	SY
010	204.0100	TRIMMING AND FINE GRADING	1,065.00	SY
011	206.0312	COMPOST FILTER SOCK 12 INCH DIAMETER	286.00	LF
012	212.2100	MAINTENANCE AND CLEANING OF EROSION AND POLLUTION CONTROLS	1.00	LS
013	213.0100	PLACEMENT OF MILLINGS BENEATH GUARDRAIL	200.00	LF
014	302.0100	GRAVEL BORROW SUBBASE COURSE	348.00	CY
015	401.1000	CLASS 19.0 HMA	384.00	TON
016	401.2100	MODIFIED CLASS 12.5 HMA	81.00	TON
017	403.0300	ASPHALT EMULSION TACK COAT	1,863.00	SY
018	603.1000	CONTROLLED LOW STRENGTH MATERIAL	10.00	CY
S019	701.8112	12 INCH GATE VALVE AND BOX	2.00	EACH
S020	701.9903	10 INCH HDPE TEMPORARY WATER BY-PASS PIPELINE	1.00	LS
021	707.0950	ADJUST TELEPHONE MANHOLE TO GRADE	2.00	EACH
S022	707.9901	12 INCH (CLASS 52) TR-FLEX RESTRAINED JOINT DUCTILE IRON PIPE	30.00	LF
S023	707.9902	10 INCH (CLASS 56) TR-FLEX RESTRAINED JOINT DUCTILE IRON WATER PIPE	200.00	LF
S024	707.9903	16" STEEL CASING FOR TEMPORARY WATER MAIN	80.00	LF
S025	707.9904	16" STEEL CASING FOR PERMANENT WATER MAIN	80.00	LF
S026	712.9901	INSTALLATION OF GAS MAIN AND APPURTENANCES	1.00	LS
027	713.8269	ADJUST WATER GATE BOXES TO GRADE	1.00	EACH
028	800.9901	PARK AVENUE RAILROAD BRIDGE NO. 922	1.00	LS
S029	800.9902	TEMPORARY UTILITY SUPPORT BRIDGE	1.00	LS
030	803.9901	REMOVE AND DISPOSE EXISTING PARK AVENUE RAILROAD BRIDGE NO. 922	1.00	LS
031	807.9910	REPOINTING GRANITE STONE ABUTMENTS	1,000.00	LF

Item List

Estimate Name - Bridge Grou 59A - Park Ave RR
 Project Name - Bridge Group 59A - Park Ave RR
 R.I. Contract No. - 2018-CB-021
 FAP Nos. - BRO-0922(001)

Seq No.	Item Code	Description	Quantity	UM
S032	901.9901	GUARDRAIL CONNECTION TO BRIDGE END POST	4.00	EACH
S033	901.9902	GUARDRAIL END TREATMENT - MASH COMPLIANT TEST LEVEL 2	4.00	EACH
S034	903.0206	CHAIN LINK FENCE 6' STD 31.2.0	240.00	LF
S035	903.0410	TEMPORARY CHAIN LINK FENCE	100.00	LF
036	905.0110	PORTLAND CEMENT SIDEWALK MONOLITHIC STANDARD 43.1.0	19.00	CY
037	906.0110	GRANITE CURB, QUARRY SPLIT STRAIGHT, STANDARD 7.3.0	270.00	LF
038	907.0100	WATER FOR DUST CONTROL	3.00	MGA L
039	914.5010	FLAGPERSONS	160.00	MHRS
040	914.5020	FLAGPERSONS - OVERTIME	16.00	MHRS
041	915.0200	HIGHWAY BOUNDS REINFORCED CONCRETE STANDARD 14.1.0	12.00	EACH
042	922.0100	TEMPORARY CONSTRUCTION SIGNS STANDARD 29.1.0 AND 27.1.1	452.00	SF
043	923.0105	DRUM BARRICADE STANDARD 26.2.0	10,220.00	BDAY
044	923.0120	PLASTIC PIPE BARRICADE STANDARD 26.3.0	7.00	EACH
045	925.0112	PORTABLE CHANGEABLE MESSAGE SIGN	730.00	PDAY
046	926.0210	UNANCHORED BARRIER FOR TEMPORARY TRAFFIC CONTROL STANDARD 40.5.0	80.00	LF
047	929.0110	FIELD OFFICE	15.00	PMO
048	932.0100	CUTTING AND MATCHING ASPHALT	80.00	LF
049	932.0230	FULL DEPTH SAWCUT OF PORTLAND CEMENT CONCRETE SIDEWALK/DRIVEWAY	20.00	LF
050	936.0110	MOBILIZATION	1.00	LS
051	936.9901	FORCE ACCOUNT BANK - UNEXPECTED AMTRAK DOWN TIME	150,000.00	EACH
052	937.0200	MAINTENANCE AND MOVEMENT TRAFFIC PROTECTION	1.00	LS
053	L01.0104	PLANTABLE SOIL 4 INCHES DEEP	276.00	SY
S054	L02.0101	GENERAL HIGHWAY SEEDING (TYPE 1)	276.00	SY
S055	L05.9901	PERMANENT EROSION CONTROL BLANKET	276.00	SY
056	L08.0109	TREE TRIMMING	8.00	MHRS
057	L11.0102	TREE PLANT PROTECTION DEVICE STANDARD 51.1.0	6.00	EACH
058	L15.9901	FURNISH AND INSTALL 4' ORNAMENTAL FENCE	74.00	LF
S059	T20.2406	6 INCH WHITE FINAL EPOXY RESIN PAVEMENT MARKINGS	450.00	LF
S060	T20.2804	4 INCH YELLOW FINAL EPOXY RESIN PAVEMENT MARKINGS	450.00	LF

ASSEMBLY SUMMARY

Assembly Summary

Project Name: Bridge Group 59A - Park Ave RR

Estimate Name: Bridge Grou 59A - Park Ave RR

R.I. Contract No.: 2018-CB-021

FAP Nos.:BRO-0922(001)

Item Code	Description	Depth	Factor	Qty
<u>Assembly: CEMENT CONCRETE SIDEWALK (CC-SW) (Unit: SY Default Quantity: 168.00)</u>				
202.0100	EARTH EXCAVATION	8"	0.22220	
204.0100	TRIMMING AND FINE GRADING		1.00000	
302.0100	GRAVEL BORROW SUBBASE COURSE	8"	0.22220	
905.0110	PORTLAND CEMENT SIDEWALK MONOLITHIC STANDARD 43.1.0	4"	0.11110	
	PARK AVE BRIDGE 922 (CC-SW)			
	STA 9+75 TO 10+50 LT (CC-SW)			41.00
	STA 9+75 TO 10+50 RT (CC-SW)			43.00
	STA 11+25 TO 12+00 LT (CC-SW)			42.00
	STA 11+25 TO 12+00 RT (CC-SW)			42.00
<u>Assembly: PLANTABLE SOIL (PSOIL) (Unit: SY Default Quantity: 276.00)</u>				
204.0100	TRIMMING AND FINE GRADING		1.00000	
L01.0104	PLANTABLE SOIL 4 INCHES DEEP	4"	1.00000	
L02.0101	GENERAL HIGHWAY SEEDING (TYPE 1)		1.00000	
L05.9901	PERMANENT EROSION CONTROL BLANKET		1.00000	
	PARK AVE BRIDGE 922 (PSOIL)			
	STA 9+75 TO 10+50 LT (PSOIL)			68.00
	STA 9+75 TO 10+50 RT (PSOIL)			70.00
	STA 11+25 TO 12+00 LT (PSOIL)			70.00
	STA 11+25 TO 12+00 RT (PSOIL)			68.00
<u>Assembly: PAVEMENT TYPE P (PVMTP) (Unit: SY Default Quantity: 621.00)</u>				
202.0100	EARTH EXCAVATION	12"	0.33330	
204.0100	TRIMMING AND FINE GRADING		1.00000	
302.0100	GRAVEL BORROW SUBBASE COURSE	18"	0.50000	
401.1000	CLASS 19.0 HMA	10"	0.61782	
401.2100	MODIFIED CLASS 12.5 HMA	2"	0.12931	
403.0300	ASPHALT EMULSION TACK COAT		3.00000	
	PARK AVE BRIDGE 922 (PVMTP)			
	9+75 TO 10+50 (PVMTP)			308.00
	11+25 TO 12+00 (PVMTP)			313.00