

APPENDIX A1

Freight Service TOTAL

Project: Maine DOT Lower Road Estiamte	55647
Description: Track Infrastructure Estimate (Freight Service)	Sheet: 1 of 2
Calculated by : Mike McDonough, Gavin Graham	Date: 2/21/2023
Reviewed by: Tim Bryant, Gordon Edington	Date: 2/16/2023

ITEM	DESCRIPTION	ESTIMATED CONSTRUCTION COST
1	Track + ROW	\$ 11,302,800.00
2	Turnouts	\$ 265,000.00
3	Grade Crossings	\$ 12,576,000.00
4	Farm Crossings	\$ 74,000.00
5	UG Bridges	\$ 7,227,000.00
6	OH Bridges	\$ -
7	Culverts	\$ 2,024,000.00
8	Signals	\$ -
	TOTAL=	\$ 33,468,800.00
	Misc. Items and Contingency (30%)=	\$ 10,040,640.00
	Subtotal=	\$ 43,509,440.00
	Design Engineering (10%)=	\$ 4,350,944.00
	Construction Administration and Engineering (15%)=	\$ 6,526,416.00
	Total=	\$ 54,386,800.00
	Say=	\$ 55,000,000.00

Freight Service

Project: Maine DOT Lower Road Estiamte	Project #:	55647
Description: Track Infrastructure Estimate (Freight Service) (SEGMENT 1)	Sheet:	1 of 5
Calculated by : Mike McDonough, Gavin Graham	Date:	4/25/2023
Reviewed by: Tim Bryant, Gordon Edington	Date:	

ITEM	DESCRIPTION	ESTIMATED CONSTRUCTION COST
1	Track + ROW	\$ 300,100.00
2	Turnouts	\$ -
3	Grade Crossings	\$ 3,500.00
4	Farm Crossings	\$ -
5	UG Bridges	\$ 1,507,000.00
6	OH Bridges	\$ -
7	Culverts	\$ 16,000.00
8	Signals	\$ -
	TOTAL=	\$ 1,826,600.00
	Misc. Items and Contingency (30%)=	\$ 547,980.00
	Subtotal=	\$ 2,374,580.00
	Design Engineering (10%)=	\$ 237,458.00
	Construction Administration and Engineering (15%)=	\$ 356,187.00
	Total=	\$ 2,968,225.00
	Say=	\$ 3,000,000.00

Freight Service

Project: Maine DOT Lower Road Estiamte	Project #:	55647
Description: Track Infrastructure Estimate (Freight Service) (SEGMENT 2)	Sheet:	2 of 5
Calculated by : Mike McDonough, Gavin Graham	Date:	4/25/2023
Reviewed by: Tim Bryant, Gordon Edington	Date:	

ITEM	DESCRIPTION	ESTIMATED CONSTRUCTION COST
1	Track + ROW	\$ 3,942,500.00
2	Turnouts	\$ -
3	Grade Crossings	\$ 2,182,200.00
4	Farm Crossings	\$ 56,000.00
5	UG Bridges	\$ 1,444,000.00
6	OH Bridges	\$ -
7	Culverts	\$ 584,000.00
8	Signals	\$ -
	TOTAL=	\$ 8,208,700.00
	Misc. Items and Contingency (30%)=	\$ 2,462,610.00
	Subtotal=	\$ 10,671,310.00
	Design Engineering (10%)=	\$ 1,067,131.00
	Construction Administration and Engineering (15%)=	\$ 1,600,696.50
	Total=	\$ 13,339,137.50
	Say=	\$ 14,000,000.00

Freight Service

Project: Maine DOT Lower Road Estiamte	Project #:	55647
Description: Track Infrastructure Estimate (Freight Service) (SEGMENT 3)	Sheet:	3 of 5
Calculated by : Mike McDonough, Gavin Graham	Date:	4/25/2023
Reviewed by: Tim Bryant, Gordon Edington	Date:	

ITEM	DESCRIPTION	ESTIMATED CONSTRUCTION COST
1	Track + ROW	\$ 4,536,000.00
2	Turnouts	\$ 265,000.00
3	Grade Crossings	\$ 3,253,400.00
4	Farm Crossings	\$ 18,000.00
5	UG Bridges	\$ 2,090,000.00
6	OH Bridges	\$ -
7	Culverts	\$ 802,000.00
8	Signals	\$ -
	TOTAL=	\$ 10,964,400.00
	Misc. Items and Contingency (30%)=	\$ 3,289,320.00
	Subtotal=	\$ 14,253,720.00
	Design Engineering (10%)=	\$ 1,425,372.00
	Construction Administration and Engineering (15%)=	\$ 2,138,058.00
	Total=	\$ 17,817,150.00
	Say=	\$ 18,000,000.00

Freight Service

Project: Maine DOT Lower Road Estiamte	Project #:	55647
Description: Track Infrastructure Estimate (Freight Service) (SEGMENT 4)	Sheet:	4 of 5
Calculated by : Mike McDonough, Gavin Graham	Date:	4/25/2023
Reviewed by: Tim Bryant, Gordon Edington	Date:	

ITEM	DESCRIPTION	ESTIMATED CONSTRUCTION COST
1	Track + ROW	\$ 845,700.00
2	Turnouts	\$ -
3	Grade Crossings	\$ 4,354,500.00
4	Farm Crossings	\$ -
5	UG Bridges	\$ 618,000.00
6	OH Bridges	\$ -
7	Culverts	\$ 482,000.00
8	Signals	\$ -
	TOTAL=	\$ 6,300,200.00
	Misc. Items and Contingency (30%)=	\$ 1,890,060.00
	Subtotal=	\$ 8,190,260.00
	Design Engineering (10%)=	\$ 819,026.00
	Construction Administration and Engineering (15%)=	\$ 1,228,539.00
	Total=	\$ 10,237,825.00
	Say=	\$ 10,000,000.00

Freight Service

Project: Maine DOT Lower Road Estiamte	Project #:	55647
Description: Track Infrastructure Estimate (Freight Service) (SEGMENT 5)	Sheet:	5 of 5
Calculated by : Mike McDonough, Gavin Graham	Date:	4/25/2023
Reviewed by: Tim Bryant, Gordon Edington	Date:	

ITEM	DESCRIPTION	ESTIMATED CONSTRUCTION COST
1	Track + ROW	\$ 1,678,000.00
2	Turnouts	\$ -
3	Grade Crossings	\$ 2,782,400.00
4	Farm Crossings	\$ -
5	UG Bridges	\$ 1,564,000.00
6	OH Bridges	\$ -
7	Culverts	\$ 140,000.00
8	Signals	\$ -
	TOTAL=	\$ 6,164,400.00
	Misc. Items and Contingency (30%)=	\$ 1,849,320.00
	Subtotal=	\$ 8,013,720.00
	Design Engineering (10%)=	\$ 801,372.00
	Construction Administration and Engineering (15%)=	\$ 1,202,058.00
	Total=	\$ 10,017,150.00
	Say=	\$ 10,000,000.00

Passenger Service TOTAL

Project: Maine DOT Lower Road Estiamte	Project #:	55647
Description: Track Infrastructure Estimate (Passenger Service)	Sheet:	2 of 2
Calculated by : Mike McDonough, Gavin Graham	Date:	2/14/2023
Reviewed by: Tim Bryant, Gordon Edington	Date:	2/16/2023

ITEM	DESCRIPTION	ESTIMATED CONSTRUCTION COST
1	Track + ROW	\$ 51,057,000.00
2	Turnouts	\$ 1,401,000.00
3	Grade Crossings	\$ 24,573,000.00
4	Farm Crossings	\$ 412,000.00
5	UG Bridges	\$ 7,216,100.00
6	OH Bridges	\$ -
7	Culverts	\$ 5,058,000.00
8	Signals	\$ 133,161,000.00
	TOTAL=	\$ 222,878,100.00
	Misc. Items and Contingency (30%)=	\$ 66,863,430.00
	Subtotal=	\$ 289,741,530.00
	Design Engineering (10%)=	\$ 28,974,153.00
	Construction Administration and Engineering (15%)=	\$ 43,461,229.50
	Total=	\$ 362,176,912.50
	Say=	\$ 363,000,000.00

Passenger Service

Project: Maine DOT Lower Road Estiamte		Project #:	55647
Description: Track Infrastructure Estimate (Passenger Service) (SEGMENT 1)		Sheet:	1 of 5
Calculated by : Mike McDonough, Gavin Graham		Date:	4/25/2023
Reviewed by: Tim Bryant, Gordon Edington		Date:	
ITEM	DESCRIPTION	ESTIMATED CONSTRUCTION COST	
1	Track + ROW	\$	2,145,000.00
2	Turnouts	\$	233,000.00
3	Grade Crossings	\$	1,046,000.00
4	Farm Crossings	\$	-
5	UG Bridges	\$	1,503,600.00
6	OH Bridges	\$	-
7	Culverts	\$	39,000.00
8	Signals	\$	6,360,000.00
		TOTAL=	\$ 11,326,600.00
		Misc. Items and Contingency (30%)=	\$ 3,397,980.00
		Subtotal=	\$ 14,724,580.00
		Design Engineering (10%)=	\$ 1,472,458.00
		Construction Administration and Engineering (15%)=	\$ 2,208,687.00
		Total=	\$ 18,405,725.00
		Say=	\$ 18,000,000.00

Passenger Service

Project: Maine DOT Lower Road Estiamte	Project #:	55647
Description: Track Infrastructure Estimate (Passenger Service) (SEGMENT 2)	Sheet:	2 of 5
Calculated by : Mike McDonough, Gavin Graham	Date:	4/25/2023
Reviewed by: Tim Bryant, Gordon Edington	Date:	

ITEM	DESCRIPTION	ESTIMATED CONSTRUCTION COST
1	Track + ROW	\$ 24,102,000.00
2	Turnouts	\$ 700,000.00
3	Grade Crossings	\$ 7,808,000.00
4	Farm Crossings	\$ 336,000.00
5	UG Bridges	\$ 1,441,700.00
6	OH Bridges	\$ -
7	Culverts	\$ 1,459,000.00
8	Signals	\$ 54,298,000.00
	TOTAL=	\$ 90,144,700.00
	Misc. Items and Contingency (30%)=	\$ 27,043,410.00
	Subtotal=	\$ 117,188,110.00
	Design Engineering (10%)=	\$ 11,718,811.00
	Construction Administration and Engineering (15%)=	\$ 17,578,216.50
	Total=	\$ 146,485,137.50
	Say=	\$ 147,000,000.00

Passenger Service

Project: Maine DOT Lower Road Estiamte	Project #:	55647
Description: Track Infrastructure Estimate (Passenger Service) (SEGMENT 3)	Sheet:	3 of 5
Calculated by : Mike McDonough, Gavin Graham	Date:	4/25/2023
Reviewed by: Tim Bryant, Gordon Edington	Date:	

ITEM	DESCRIPTION	ESTIMATED CONSTRUCTION COST
1	Track + ROW	\$ 17,000,000.00
2	Turnouts	\$ 467,000.00
3	Grade Crossings	\$ 5,685,000.00
4	Farm Crossings	\$ 76,000.00
5	UG Bridges	\$ 2,088,400.00
6	OH Bridges	\$ -
7	Culverts	\$ 2,004,000.00
8	Signals	\$ 45,831,000.00
	TOTAL=	\$ 73,151,400.00
	Misc. Items and Contingency (30%)=	\$ 21,945,420.00
	Subtotal=	\$ 95,096,820.00
	Design Engineering (10%)=	\$ 9,509,682.00
	Construction Administration and Engineering (15%)=	\$ 14,264,523.00
	Total=	\$ 118,871,025.00
	Say=	\$ 119,000,000.00

Passenger Service

Project: Maine DOT Lower Road Estiamte	Project #:	55647
Description: Track Infrastructure Estimate (Passenger Service) (SEGMENT 4)	Sheet:	4 of 5
Calculated by : Mike McDonough, Gavin Graham	Date:	4/25/2023
Reviewed by: Tim Bryant, Gordon Edington	Date:	

ITEM	DESCRIPTION	ESTIMATED CONSTRUCTION COST
1	Track + ROW	\$ 4,725,000.00
2	Turnouts	\$ -
3	Grade Crossings	\$ 7,463,000.00
4	Farm Crossings	\$ -
5	UG Bridges	\$ 618,100.00
6	OH Bridges	\$ -
7	Culverts	\$ 1,206,000.00
8	Signals	\$ 17,927,000.00
	TOTAL=	\$ 31,939,100.00
	Misc. Items and Contingency (30%)=	\$ 9,581,730.00
	Subtotal=	\$ 41,520,830.00
	Design Engineering (10%)=	\$ 4,152,083.00
	Construction Administration and Engineering (15%)=	\$ 6,228,124.50
	Total=	\$ 51,901,037.50
	Say=	\$ 52,000,000.00

Passenger Service

Project: Maine DOT Lower Road Estiamte	Project #:	55647
Description: Track Infrastructure Estimate (Passenger Service) (SEGMENT 5)	Sheet:	5 of 5
Calculated by : Mike McDonough, Gavin Graham	Date:	4/25/2023
Reviewed by: Tim Bryant, Gordon Edington	Date:	

ITEM	DESCRIPTION	ESTIMATED CONSTRUCTION COST
1	Track + ROW	\$ 3,084,000.00
2	Turnouts	\$ -
3	Grade Crossings	\$ 2,571,000.00
4	Farm Crossings	\$ -
5	UG Bridges	\$ 1,564,300.00
6	OH Bridges	\$ -
7	Culverts	\$ 350,000.00
8	Signals	\$ 8,745,000.00
	TOTAL=	\$ 16,314,300.00
	Misc. Items and Contingency (30%)=	\$ 4,894,290.00
	Subtotal=	\$ 21,208,590.00
	Design Engineering (10%)=	\$ 2,120,859.00
	Construction Administration and Engineering (15%)=	\$ 3,181,288.50
	Total=	\$ 26,510,737.50
	Say=	\$ 27,000,000.00