



Project: Berlin Subdivision RUAC Study
 Description: Track Infrastructure Assessment
 Calculated By: Mike McDonough, Gavin Graham
 Checked By: Tim Bryant, Gordon Edington

Project #: 55067.00
 Sheet: _____
 Date: 7/13/22
 Date: 7/15/22

Berlin Subdivision Segment 1 - Ocean Gate to MP 1.7 (Freight Only)

ITEM	DESCRIPTION	ESTIMATED CONSTRUCTION COST
1	Track & Right-of-Way	\$ 3,790,000
2	Turnouts	\$ -
3	Grade Crossing Improvements	\$ 2,300,000
4	Farm Crossing Improvements	\$ -
5	Undergrade Bridge Improvements	\$ 26,000,000
6	Culvert Improvements	\$ -
7	Overhead Bridge Improvements	\$ -
8	Communications & Signal System Improvements	\$ -
9	Station Platforms & Station Buildings	\$ -
TOTAL =		\$ 32,090,000

MISC. ITEMS AND CONTINGENCY (30%) = \$ 9,627,000
 SUBTOTAL = \$ 41,717,000
 DESIGN ENGINEERING (10%) = \$ 4,171,700
 CONSTRUCTION ADMINISTRATION & ENGINEERING (15%) = \$ 6,257,550
 TOTAL = \$ 52,146,250
SAY = \$ 53,000,000



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Berlin Subdivision Segment 2 - MP 1.7 to MP 26 (Freight Only)

ITEM	DESCRIPTION	ESTIMATED CONSTRUCTION COST
1	Track & Right-of-Way	\$ 6,390,000
2	Turnouts	\$ 1,470,000
3	Grade Crossing Improvements	\$ 6,030,000
4	Farm Crossing Improvements	\$ -
5	Undergrade Bridge Improvements	\$ 5,020,000
6	Culvert Improvements	\$ 2,690,000
7	Overhead Bridge Improvements	\$ -
8	Communications & Signal System Improvements	\$ -
9	Station Platforms & Station Buildings	\$ -
TOTAL =		\$ 21,600,000

MISC. ITEMS AND CONTINGENCY (30%) = \$ 6,480,000
 SUBTOTAL = \$ 28,080,000

 DESIGN ENGINEERING (10%) = \$ 2,808,000
 CONSTRUCTION ADMINISTRATION & ENGINEERING (15%) = \$ 4,212,000
 TOTAL = \$ 35,100,000

SAY = \$ 36,000,000



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Project #: 55607.01
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Berlin Subdivision Segment 1 - Ocean Gate to MP 1.7 (Passenger)

ITEM	DESCRIPTION	ESTIMATED CONSTRUCTION COST
1	Track & Right-of-Way	\$ 6,930,000
2	Turnouts	\$ 200,000
3	Grade Crossing Improvements	\$ 2,300,000
4	Farm Crossing Improvements	\$ -
5	Undergrade Bridge Improvements	\$ 26,000,000
6	Culvert Improvements	\$ -
7	Overhead Bridge Improvements	\$ -
8	Communications & Signal System Improvements	\$ 1,277,000
9	Station Platforms & Station Buildings	\$ -
TOTAL =		\$ 36,707,000

MISC. ITEMS AND CONTINGENCY (30%) = \$ 11,012,100
 SUBTOTAL = \$ 47,719,100

 DESIGN ENGINEERING (10%) = \$ 4,771,910
 CONSTRUCTION ADMINISTRATION & ENGINEERING (15%) = \$ 7,157,865
 TOTAL = \$ 59,648,875

SAY = \$ 60,000,000



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Berlin Subdivision Segment 2 - MP 1.7 to MP 26 (Passenger)

ITEM	DESCRIPTION	ESTIMATED CONSTRUCTION COST
1	Track & Right-of-Way	\$ 49,420,000
2	Turnouts	\$ 2,620,000
3	Grade Crossing Improvements	\$ 12,820,000
4	Farm Crossing Improvements	\$ 600,000
5	Undergrade Bridge Improvements	\$ 610,000
6	Culvert Improvements	\$ 2,690,000
7	Overhead Bridge Improvements	\$ -
8	Communications & Signal System Improvements	\$ 62,070,000
9	Station Platforms & Station Buildings	\$ -
TOTAL =		\$ 130,830,000

MISC. ITEMS AND CONTINGENCY (30%) = \$ 39,249,000
 SUBTOTAL = \$ 170,079,000
 DESIGN ENGINEERING (10%) = \$ 17,007,900
 CONSTRUCTION ADMINISTRATION & ENGINEERING (15%) = \$ 25,511,850
 TOTAL = \$ 212,598,750
SAY = \$ 213,000,000