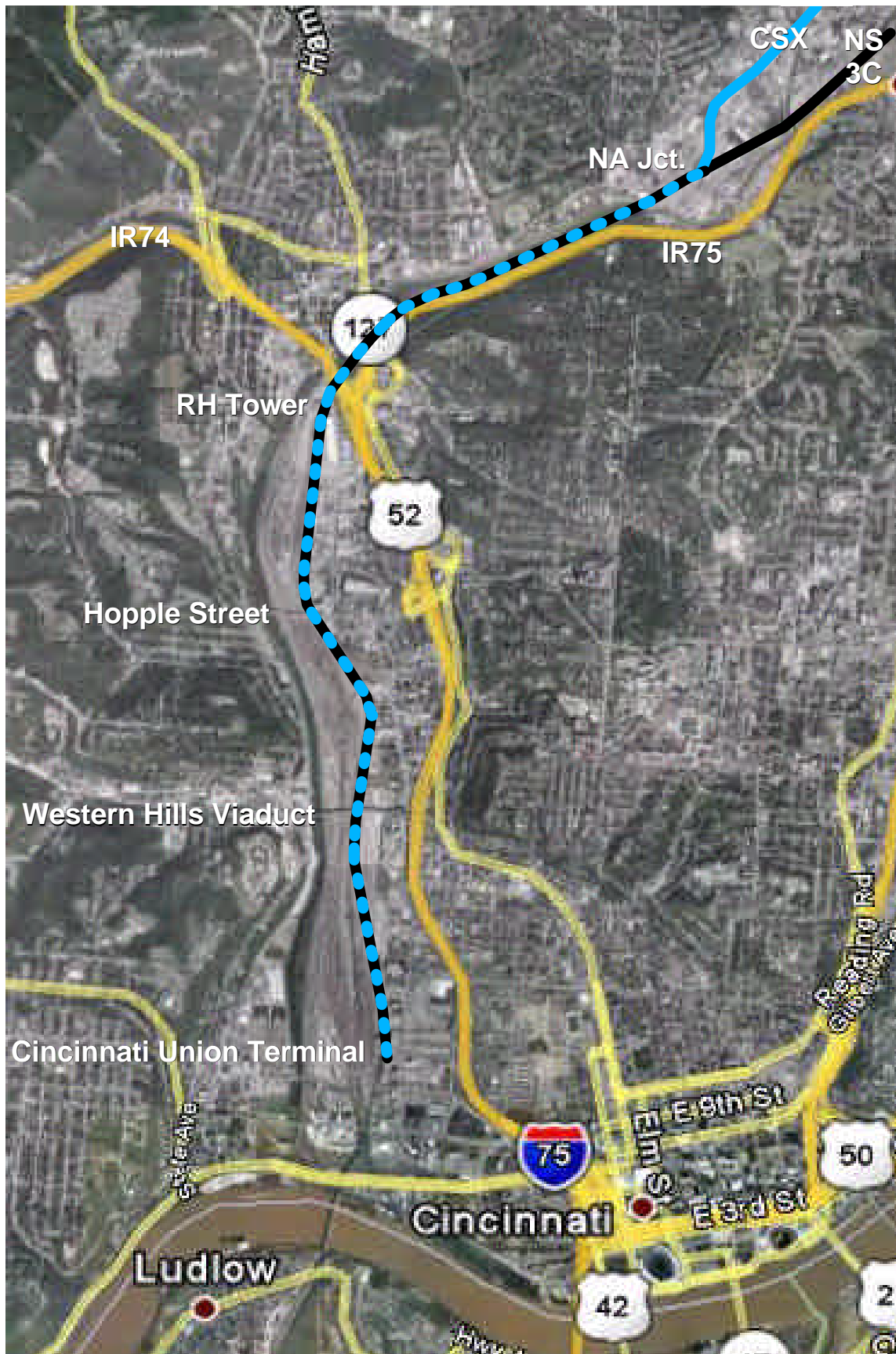


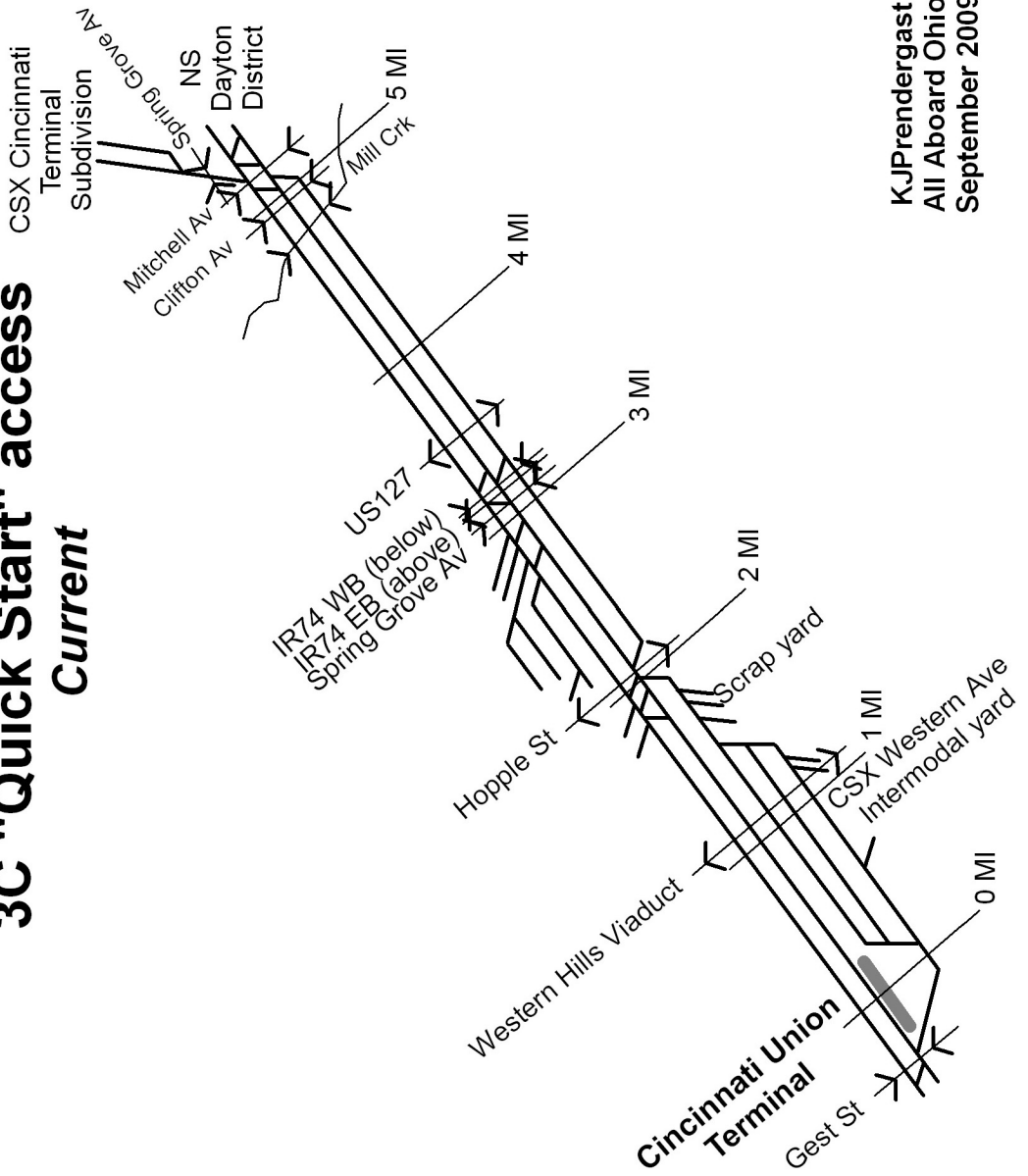
Cincinnati Union Terminal 3C "Quick Start" access



Cincinnati Union Terminal

3C "Quick Start" access

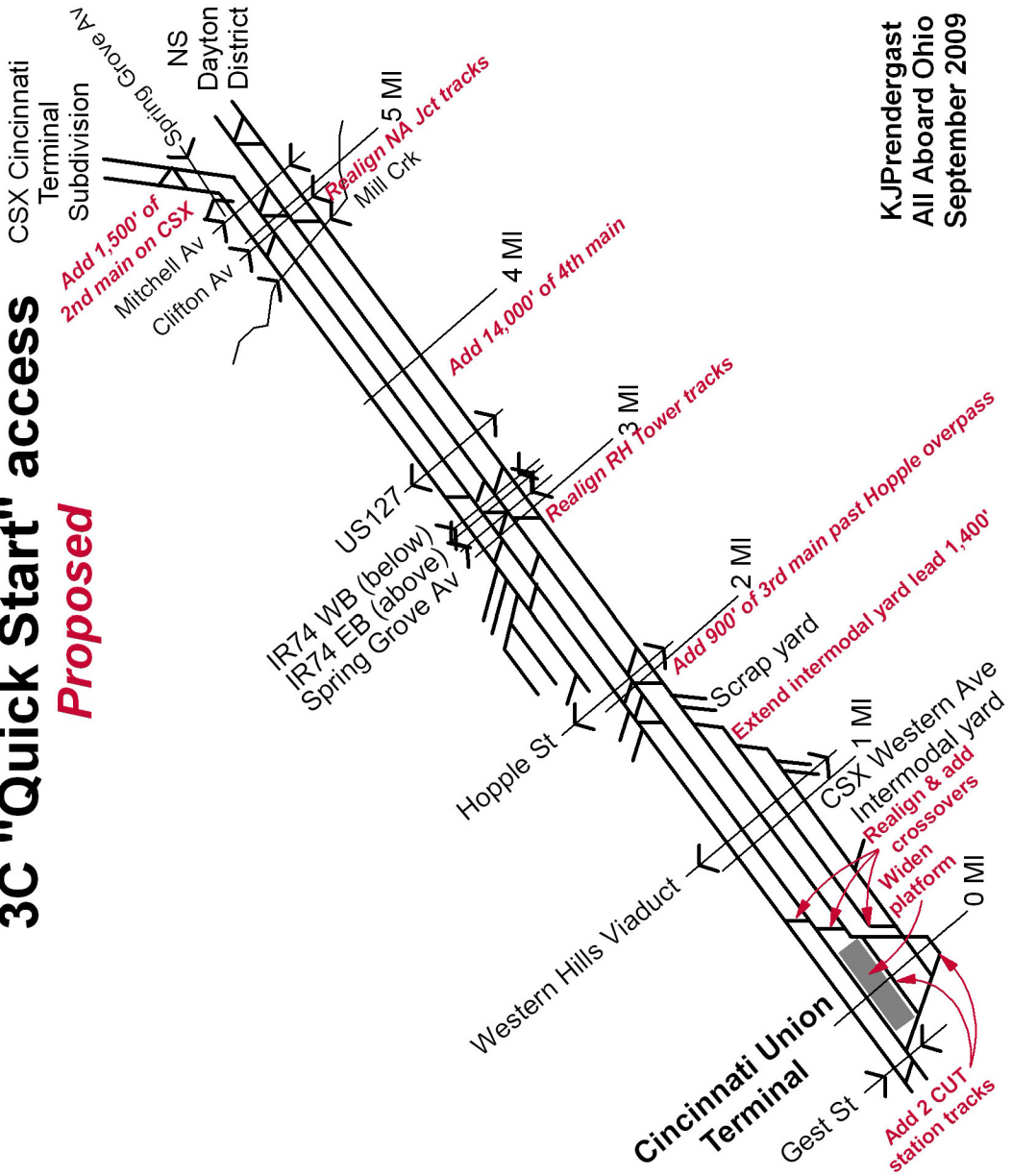
Current



KJPrendergast
All Aboard Ohio
September 2009

Cincinnati Union Terminal 3C "Quick Start" access

Proposed



KJPrendergast
All Aboard Ohio
September 2009

Cost estimates for 3C "Quick Start" accessing Cincinnati Union Terminal

LOCATION	ITEM	QUANTITY	UNIT	2009 UNIT COST	2009 AMOUNT
Cincinnati Union Terminal track level					
	Widen concrete platform	10000	SqFt	\$25	\$250,000
	Terminal lighting	12	Each	\$35,000	\$420,000
	Two station tracks	2300	linFt	\$200	\$460,000
	Station track signals	4	Each	\$ 100,000	\$400,000
	#10 turnout	4	Each	\$ 110,000	\$440,000
	#15 turnout	4	Each	\$ 130,000	\$520,000
	Turnout signals	4	Each	\$ 100,000	\$400,000
	Relocate #10 turnout less scrap	2	Each	\$ 100,000	\$200,000
	Dispatching software changes		placeholder	\$1,000,000	<u>\$1,000,000</u>
	Subtotal				\$4,300,000
	Contingency (@30 percent)				<u>\$1,290,000</u>
	TOTAL-Cincinnati Union Terminal track level costs				\$5,590,000
Hopple Street choke point					
	Relocate bridge support		placeholder	\$1,000,000	\$1,000,000
	Underbrush removal		placeholder	\$10,000	\$ 10,000
	Third main track	900	LinFt	\$200	\$180,000
	Extend intermodal yard lead	1400	LinFt	\$200	\$280,000
	#20 turnout	3	Each	\$ 160,000	\$480,000
	Turnout signals	3	Each	\$ 100,000	\$300,000
	Fencing	1000	LinFt	\$30	\$ 30,000
	Dispatching software changes		placeholder	\$1,000,000	<u>\$1,000,000</u>
	Subtotal				\$3,280,000
	Contingency (@30 percent)				<u>\$ 984,000</u>
	TOTAL-Hopple Street choke point costs				\$4,264,000
Fourth Main Track					
	Property acquisitions		placeholder	\$ 500,000	\$ 500,000
	IR74 assured clearance		placeholder	\$1,000,000	\$1,000,000
	Pre-cast concrete wall	18000	SqFt	\$70	\$1,260,000
	Relocate pole-mounted billboards	5	Each	\$ 100,000	\$ 500,000
	Replace/expand RR signal bridges	2	Each	\$ 500,000	\$1,000,000
	Realign tracks	4000	LinFt	\$200	\$ 800,000
	Filling and grading	187500	CuYd	\$50	\$9,375,000
	Fourth main track	12200	LinFt	\$200	\$2,440,000
	Signal main track	12200	LinFt	\$11	\$ 134,200
	#20 turnout	8	Each	\$ 160,000	\$1,280,000
	Turnout signals	8	Each	\$ 100,000	\$ 800,000
	Bridge-over Spring Grove Rd	140	LinFt	\$10,000	\$1,400,000
	Bridge-over IR74 WB ramp	120	LinFt	\$10,000	\$1,200,000
	Dispatching software changes		placeholder	\$1,000,000	<u>\$1,000,000</u>
	Subtotal				\$22,689,200
	Contingency (@30 percent)				<u>\$ 6,806,760</u>
	TOTAL-Fourth Main Track costs				\$29,495,960

LOCATION	ITEM	QUANTITY	UNIT	2009 UNIT COST	2009 AMOUNT
Fourth Main Track (continued over Mill Creek to NA)					
	Property acquisitions		placeholder	\$ 500,000	\$ 500,000
	Demolish video store		placeholder	\$ 500,000	\$ 500,000
	Pre-cast concrete walls	22500	SqFt	\$70	\$1,575,000
	Filling and grading	181250	CuYd	\$50	\$9,062,500
	Replace/relocate RR signals	3	Each	\$ 500,000	\$1,500,000
	Realign tracks	2100	LinFt	\$200	\$ 420,000
	Fourth main track	1800	LinFt	\$200	\$ 360,000
	Signal main track	1200	LinFt	\$11	\$ 13,200
	#20 turnout	8	Each	\$ 160,000	\$1,280,000
	Turnout signals	8	Each	\$ 100,000	\$ 800,000
	Bridge-over Mill Creek	350	LinFt	\$10,000	\$3,500,000
	Bridge-over Clifton Ave	70	LinFt	\$10,000	\$ 700,000
	Dispatching software changes		placeholder	\$1,000,000	<u>\$1,000,000</u>
	Subtotal				\$21,210,700
	Contingency (@30 percent)				<u>\$ 6,363,210</u>
	TOTAL-Fourth Main Track-Continued costs				\$27,573,910

CSX double-track into NA Jct.

	Property acquisitions		placeholder	\$ 500,000	\$ 500,000
	Demolish fast food restaurant		placeholder	\$ 500,000	\$ 500,000
	Pre-cast concrete walls	8700	SqFt	\$70	\$ 609,000
	Filling and grading	93750	CuYd	\$50	\$4,687,500
	Replace/relocate RR signals	1	Each	\$ 500,000	\$ 500,000
	Realign track	1000	LinFt	\$200	\$ 100,000
	Second main track	1500	LinFt	\$200	\$ 150,000
	Signal main track	1500	LinFt	\$11	\$ 15,000
	Bridge-over Mitchell Ave	110	LinFt	\$10,000	\$1,100,000
	Bridge-over Spring Grove Ave	275	LinFt	\$10,000	\$2,750,000
	Dispatching software changes		placeholder	\$1,000,000	<u>\$1,000,000</u>
	Subtotal				\$11,911,500
	Contingency (@30 percent)				<u>\$ 3,573,450</u>
	TOTAL-CSX double-track into NA Jct. costs				\$15,484,950

TOTALS (ALL SECTIONS)

Cincinnati Union Terminal track level costs	\$ 5,590,000
Hopple Street choke point costs	\$ 4,264,000
Fourth Main Track costs	\$29,495,960
Fourth Main Track (continued over Mill Creek to NA)	\$27,573,910
CSX double-track into NA Jct.	<u>\$15,484,950</u>
TOTAL ALL SECTIONS	\$81,824,405