



MIDTOWN GREENWAY

APPENDIX F

Conceptual Cost Estimate Detail

CORRIDOR ALTERNATIVE ONE DETAILED COST ESTIMATE									
Alternative	Cost Item Category	TOTAL COST	CORRIDOR SEGMENT COSTS						
			#1A - River Crossing	#1B - East River Road to Pelham Boulevard	#1C - Pelham Boulevard to Cleveland Avenue	#2 - Prospect Park Connector	#3 - Cleveland Ave to Prior Ave	#4 - Prior Ave to Aldine St	#5 - Aldine St to Allianz Field
ONE	TREE CLEARING	\$ 135,000	\$ -	\$ 40,000	\$ 39,000	\$ 48,000	\$ -	\$ 5,000	\$ 3,000
	PAVEMENT REMOVALS	\$ 246,000	\$ 7,000	\$ 45,000	\$ 15,000	\$ 10,000	\$ 41,000	\$ 77,000	\$ 51,000
	MISCELLANEOUS REMOVAL ALLOWANCE	\$ 85,000	\$ 9,000	\$ 15,000	\$ 15,000	\$ 20,000	\$ 6,000	\$ 12,000	\$ 8,000
	EXCAVATION AND GRADING	\$ 1,301,000	\$ 340,000	\$ 221,000	\$ 187,000	\$ 233,000	\$ 84,000	\$ 142,000	\$ 94,000
	BITUMINOUS PAVEMENT	\$ 828,000	\$ -	\$ 173,000	\$ -	\$ 7,000	\$ 151,000	\$ 298,000	\$ 199,000
	CONCRETE CURB AND GUTTER	\$ 313,000	\$ -	\$ 42,000	\$ -	\$ 4,000	\$ 57,000	\$ 126,000	\$ 84,000
	CONCRETE WALKS	\$ 275,000	\$ -	\$ 40,000	\$ -	\$ 19,000	\$ 76,000	\$ 84,000	\$ 56,000
	BITUMINOUS TRAIL	\$ 747,000	\$ 79,000	\$ 121,000	\$ 149,000	\$ 194,000	\$ 61,000	\$ 86,000	\$ 57,000
	INTERSECTION SAFETY IMPROVEMENTS	\$ 200,000		\$ 40,000	\$ 20,000	\$ 40,000	\$ 20,000	\$ 20,000	\$ 60,000
	TRAIL UNDERPASS STRUCTURES	\$ 2,300,000			\$ 800,000	\$ 1,500,000			
	TRAIL RETROFIT IN RAIL GIRDER BRIDGE OVER I-94	\$ 1,600,000			\$ 800,000	\$ 800,000			
	NEW PEDESTRIAN BRIDGE OVER I-94	\$ -							
	RETAINING WALLS	\$ 2,795,000	\$ -	\$ 2,132,000	\$ -		\$ 663,000	\$ -	\$ -
	ROADWAY BRIDGE MODIFICATIONS	\$ 100,000					\$ 100,000		
	TRAIL LIGHTING	\$ 1,351,000	\$ 150,000	\$ 246,000	\$ 253,000	\$ 339,000	\$ 107,000	\$ 192,000	\$ 64,000
	TRAIL FENCING	\$ 323,000	\$ 20,000	\$ 138,000	\$ 165,000	\$ -	\$ -	\$ -	\$ -
	DRAINAGE MODIFICATIONS	\$ 425,000	\$ 15,000	\$ 155,000	\$ 45,000	\$ -	\$ 20,000	\$ 114,000	\$ 76,000
	STORMWATER QUALITY IMPROVEMENT ALLOWANCE	\$ 107,000	\$ 4,000	\$ 39,000	\$ 11,000	\$ -	\$ 5,000	\$ 29,000	\$ 19,000
	SIGNAGE AND STRIPING ALLOWANCE	\$ 105,000	\$ 11,000	\$ 18,000	\$ 19,000	\$ 25,000	\$ 8,000	\$ 14,000	\$ 10,000
	AMENITIES (WAYFINDING, SECURITY, BENCHES, ETC.)	\$ 105,000	\$ 11,000	\$ 18,000	\$ 19,000	\$ 25,000	\$ 8,000	\$ 14,000	\$ 10,000
	RESTORATION ALLOWANCE	\$ 947,000	\$ 73,000	\$ 184,000	\$ 173,000	\$ 224,000	\$ 75,000	\$ 131,000	\$ 87,000
	TRAFFIC CONTROL ALLOWANCE	\$ 320,000	\$ 40,000	\$ 40,000	\$ 30,000	\$ 30,000	\$ 70,000	\$ 70,000	\$ 40,000
	MOBILIZATION	\$ 1,150,000	\$ 60,000	\$ 290,000	\$ 220,000	\$ 280,000	\$ 120,000	\$ 110,000	\$ 70,000
	CONTINGENCY	\$ 4,280,000	\$ 220,000	\$ 1,100,000	\$ 810,000	\$ 1,050,000	\$ 440,000	\$ 400,000	\$ 260,000
SUBTOTAL TRAIL CONSTRUCTION COSTS		\$ 20,000,000	\$ 1,040,000	\$ 5,100,000	\$ 3,770,000	\$ 4,850,000	\$ 2,110,000	\$ 1,920,000	\$ 1,250,000
RIVER BRIDGE REHAB CONSTRUCTION RANGE		\$ 30,000,000	\$ 34,000,000						
DESIGN/ENGINEERING AND MISC. ADMIN COST RANGE		\$ 13,000,000	\$ 15,000,000						
TOTAL CONSTRUCTION COST RANGE		\$ 63,000,000	\$ 69,000,000						

CORRIDOR ALTERNATIVE TWO DETAILED COST ESTIMATE									
Alternative	Cost Item Category	TOTAL COST	CORRIDOR SEGMENT COSTS						
			#1A - River Crossing	#1B - East River Road to Pelham Boulevard	#1C - Pelham Boulevard to Cleveland Avenue	#2 - Prospect Park Connector	#3 - Cleveland Ave to Prior Ave	#4 - Prior Ave to Aldine St	#5 - Aldine St to Allianz Field
TWO	TREE CLEARING	\$ 133,000	\$ -	\$ 40,000	\$ 37,000	\$ 48,000	\$ -	\$ 5,000	\$ 3,000
	PAVEMENT REMOVALS	\$ 278,000	\$ 7,000	\$ 77,000	\$ 15,000	\$ 10,000	\$ 41,000	\$ 77,000	\$ 51,000
	MISCELLANEOUS REMOVAL ALLOWANCE	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000	\$ -	\$ -	\$ -
	EXCAVATION AND GRADING	\$ 2,057,000	\$ 380,000	\$ 442,000	\$ 362,000	\$ 233,000	\$ 168,000	\$ 283,000	\$ 189,000
	BITUMINOUS PAVEMENT	\$ 1,013,000	\$ -	\$ 358,000	\$ -	\$ 7,000	\$ 151,000	\$ 298,000	\$ 199,000
	CONCRETE CURB AND GUTTER	\$ 370,000	\$ -	\$ 99,000	\$ -	\$ 4,000	\$ 57,000	\$ 126,000	\$ 84,000
	CONCRETE WALKS	\$ 275,000	\$ -	\$ 40,000	\$ -	\$ 19,000	\$ 76,000	\$ 84,000	\$ 56,000
	BITUMINOUS TRAIL	\$ 1,079,000	\$ 126,000	\$ 194,000	\$ 240,000	\$ 194,000	\$ 97,000	\$ 137,000	\$ 91,000
	INTERSECTION SAFETY IMPROVEMENTS	\$ 200,000		\$ 40,000	\$ 20,000	\$ 40,000	\$ 20,000	\$ 20,000	\$ 60,000
	TRAIL UNDERPASS STRUCTURES	\$ 2,300,000			\$ 800,000	\$ 1,500,000			
	TRAIL RETROFIT IN RAIL GIRDER BRIDGE OVER I-94	\$ 1,600,000			\$ 800,000	\$ 800,000			
	NEW PEDESTRIAN BRIDGE OVER I-94	\$ 3,150,000			\$ 3,150,000				
	RETAINING WALLS	\$ 4,675,000	\$ -	\$ 1,770,000	\$ 2,242,000		\$ 663,000	\$ -	\$ -
	ROADWAY BRIDGE MODIFICATIONS	\$ 100,000					\$ 100,000		
	TRAIL LIGHTING	\$ 1,345,000	\$ 150,000	\$ 246,000	\$ 247,000	\$ 339,000	\$ 107,000	\$ 192,000	\$ 64,000
	TRAIL FENCING	\$ 323,000	\$ 20,000	\$ 138,000	\$ 165,000	\$ -	\$ -	\$ -	\$ -
	DRAINAGE MODIFICATIONS	\$ 425,000	\$ 15,000	\$ 155,000	\$ 45,000	\$ -	\$ 20,000	\$ 114,000	\$ 76,000
	STORMWATER QUALITY IMPROVEMENT ALLOWANCE	\$ 107,000	\$ 4,000	\$ 39,000	\$ 11,000	\$ -	\$ 5,000	\$ 29,000	\$ 19,000
	SIGNAGE AND STRIPING ALLOWANCE	\$ 105,000	\$ 11,000	\$ 18,000	\$ 19,000	\$ 25,000	\$ 8,000	\$ 14,000	\$ 10,000
	AMENITIES (WAYFINDING, SECURITY, BENCHES, ETC.)	\$ 105,000	\$ 11,000	\$ 18,000	\$ 19,000	\$ 25,000	\$ 8,000	\$ 14,000	\$ 10,000
	RESTORATION ALLOWANCE	\$ 782,000	\$ 51,000	\$ 147,000	\$ 131,000	\$ 224,000	\$ 59,000	\$ 102,000	\$ 68,000
	TRAFFIC CONTROL ALLOWANCE	\$ 390,000	\$ 40,000	\$ 40,000	\$ 80,000	\$ 30,000	\$ 80,000	\$ 70,000	\$ 50,000
	MOBILIZATION	\$ 1,640,000	\$ 60,000	\$ 310,000	\$ 660,000	\$ 280,000	\$ 130,000	\$ 120,000	\$ 80,000
	CONTINGENCY	\$ 6,130,000	\$ 230,000	\$ 1,150,000	\$ 2,490,000	\$ 1,050,000	\$ 470,000	\$ 450,000	\$ 290,000
SUBTOTAL TRAIL CONSTRUCTION COSTS		\$ 29,000,000	\$ 1,110,000	\$ 5,320,000	\$ 11,530,000	\$ 4,850,000	\$ 2,260,000	\$ 2,140,000	\$ 1,400,000
RIVER BRIDGE NEW CONSTRUCTION RANGE		\$ 30,000,000	\$ 61,000,000						
DESIGN/ENGINEERING AND MISC. ADMIN COST RANGE		\$ 15,000,000	\$ 23,000,000						
TOTAL CONSTRUCTION COST RANGE		\$ 74,000,000	\$ 113,000,000						

CORRIDOR ALTERNATIVE THREE DETAILED COST ESTIMATE									
Alternative	Cost Item Category	TOTAL COST	CORRIDOR SEGMENT COSTS						
			#1A - River Crossing	#1B - East River Road to Pelham Boulevard	#1C - Pelham Boulevard to Cleveland Avenue	#2 - Prospect Park Connector - Not Included	#3 - Cleveland Ave to Prior Ave	#4 - Prior Ave to Aldine St	#5 - Aldine St to Allianz Field
THREE	TREE CLEARING	\$ 64,000	\$ -	\$ 40,000	\$ 16,000		\$ -	\$ 5,000	\$ 3,000
	PAVEMENT REMOVALS	\$ 321,000	\$ 7,000	\$ 106,000	\$ 80,000		\$ -	\$ 77,000	\$ 51,000
	MISCELLANEOUS REMOVAL ALLOWANCE	\$ 5,000	\$ -	\$ -	\$ 5,000		\$ -	\$ -	\$ -
	EXCAVATION AND GRADING	\$ 982,000	\$ 340,000	\$ 197,000	\$ 209,000		\$ -	\$ 142,000	\$ 94,000
	BITUMINOUS PAVEMENT	\$ 1,407,000	\$ -	\$ 533,000	\$ 377,000		\$ -	\$ 298,000	\$ 199,000
	CONCRETE CURB AND GUTTER	\$ 493,000	\$ -	\$ 148,000	\$ 135,000		\$ -	\$ 126,000	\$ 84,000
	CONCRETE WALKS	\$ 375,000	\$ -	\$ 40,000	\$ 195,000		\$ -	\$ 84,000	\$ 56,000
	BITUMINOUS TRAIL	\$ 836,000	\$ 123,000	\$ 253,000	\$ 232,000		\$ -	\$ 137,000	\$ 91,000
	INTERSECTION SAFETY IMPROVEMENTS	\$ 160,000		\$ 40,000	\$ 20,000		\$ 20,000	\$ 20,000	\$ 60,000
	TRAIL UNDERPASS STRUCTURES	\$ 800,000			\$ 800,000				
	TRAIL RETROFIT IN RAIL GIRDER BRIDGE OVER I-94	\$ 800,000			\$ 800,000				
	NEW PEDESTRIAN BRIDGE OVER I-94	\$ -							
	RETAINING WALLS	\$ 2,337,000	\$ -	\$ 2,337,000	\$ -		\$ -	\$ -	\$ -
	ROADWAY BRIDGE MODIFICATIONS	\$ 100,000					\$ 100,000		
	TRAIL LIGHTING	\$ 1,062,000	\$ 150,000	\$ 277,000	\$ 379,000		\$ -	\$ 192,000	\$ 64,000
	TRAIL FENCING	\$ 173,000	\$ 20,000	\$ 138,000	\$ 15,000		\$ -	\$ -	\$ -
	DRAINAGE MODIFICATIONS	\$ 445,000	\$ 15,000	\$ 155,000	\$ 85,000		\$ -	\$ 114,000	\$ 76,000
	STORMWATER QUALITY IMPROVEMENT ALLOWANCE	\$ 112,000	\$ 4,000	\$ 39,000	\$ 21,000		\$ -	\$ 29,000	\$ 19,000
	SIGNAGE AND STRIPING ALLOWANCE	\$ 84,000	\$ 11,000	\$ 21,000	\$ 28,000		\$ -	\$ 14,000	\$ 10,000
	AMENITIES (WAYFINDING, SECURITY, BENCHES, ETC.)	\$ 84,000	\$ 11,000	\$ 21,000	\$ 28,000		\$ -	\$ 14,000	\$ 10,000
	RESTORATION ALLOWANCE	\$ 537,000	\$ 51,000	\$ 144,000	\$ 172,000		\$ -	\$ 102,000	\$ 68,000
	TRAFFIC CONTROL ALLOWANCE	\$ 240,000	\$ 40,000	\$ 40,000	\$ 40,000		\$ 10,000	\$ 70,000	\$ 40,000
	MOBILIZATION	\$ 900,000	\$ 60,000	\$ 360,000	\$ 290,000		\$ 10,000	\$ 110,000	\$ 70,000
	CONTINGENCY	\$ 3,370,000	\$ 220,000	\$ 1,350,000	\$ 1,080,000		\$ 40,000	\$ 410,000	\$ 270,000
SUBTOTAL TRAIL CONSTRUCTION COSTS		\$ 16,000,000	\$ 1,050,000	\$ 6,240,000	\$ 5,010,000	\$ -	\$ 180,000	\$ 1,940,000	\$ 1,270,000
RIVER BRIDGE NEW CONSTRUCTION RANGE		\$ 30,000,000	\$ 61,000,000						
DESIGN/ENGINEERING AND MISC. ADMIN COST RANGE		\$ 12,000,000	\$ 19,000,000						
TOTAL CONSTRUCTION COST RANGE		\$ 58,000,000	\$ 96,000,000						