



I-35 Capital Area Improvement Program
Corridor Implementation Plan
Appendix E
Preliminary Cost Estimates

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PROJECT: I-35 CAIP

LIMITS: SH 45 to Grand Avenue Parkway

CSJ:

SPEC YEAR: 2004

UNIT: ENGLISH

RAMP REVERSALS

HNTB Corporation

THIS ESTIMATE REPRESENTS OUR JUDGMENT AS PROFESSIONALS FAMILIAR WITH THE CONSTRUCTION INDUSTRY. WE CANNOT AND DO NOT GUARANTEE THAT BIDS WILL NOT VARY FROM THIS ESTIMATE. ESTIMATE IS BASED ON TxDOT 2012/2013 AVERAGE BID PRICES .

DESCRIPTION

Northbound and southbound ramp reversals. Frontage road, bike and pedestrian improvements.

I-35 CAIP					
ITEMS	ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	COST
QUANTIFIED ITEMS					
100	PREP ROW	STA	\$ 800.00	105	\$ 84,000
110	EXCAVATION	CY	\$ 9.00	608	\$ 6,000
132	EMBANKMENT	CY	\$ 9.00	0	\$ -
260	LIME TREATMENT	SY	\$ 2.00	93,585	\$ 188,000
260	LIME	TON	\$ 145.00	421	\$ 62,000
3224	D - GR HMA (QCQA) TY - A	TON	\$ 70.00	71,948	\$ 5,040,000
3224	D - GR HMA (QCQA) TY - B	TON	\$ 75.00	42,099	\$ 3,160,000
3224	D - GR HMA (QCQA) TY - C	TON	\$ 83.00	12,597	\$ 1,050,000
3224	D - GR HMA (QCQA) TY - C (SURF)	TON	\$ 85.00	11,261	\$ 958,000
354	PLAN ASPH CONC PAV (0" TO 2")	SY	\$ 1.75	0	\$ -
360	CONCRETE PAVEMENT (CONT REINF - CRCP)(14")	SY	\$ 70.00	5,797	\$ 406,000
4XX	BRIDGES	SF	\$ 70.00	0	\$ -
423	RETAINING WALLS (MSE)	SF	\$ 34.00	69,549	\$ 2,370,000
514	PERM CONC TRF BARR (Single Slope)	LF	\$ 50.00	0	\$ -
529	CONC CURB (TY I)	LF	\$ 10.00	32,630	\$ 327,000
531	SIDEWALKS (CONC)(6')	LF	\$ 45.00	16,679	\$ 751,000
ITEMIZED COST SUBTOTAL					\$ 14,402,000
PERCENTAGE ITEMS					
		UNIT	PERCENTAGE		COST
100	DEMOLITION	%	5.0%	-	\$ 721,000
46X	DRAINAGE	%	6.0%	-	\$ 865,000
502	BARRICADES, SIGNS AND TRAFFIC HANDLING	%	8.0%	-	\$ 1,160,000
666	PAVEMENT MARKINGS	%	1.0%	-	\$ 145,000
6XX	SIGNING	%	3.0%	-	\$ 433,000
6XX	TRAFFIC SIGNALS & LIGHTING	%	3.0%	-	\$ 433,000
	UTILITIES	%	3.0%	-	\$ 433,000
	STRUCTURAL AESTHETICS	%	0.0%	-	\$ -
	MISCELLANEOUS CONSTRUCTION ITEMS	%	20.0%	-	\$ 2,890,000
PERCENTAGE BASED COST SUBTOTAL					\$ 7,080,000
MISCELLANEOUS ITEMS					
		UNIT	UNIT PRICE	QUANTITY	COST
	MOBILIZATION			10%	\$ 2,149,000
					\$ -
					\$ -
MISCELLANEOUS COST SUBTOTAL					\$ 2,149,000
CONSTRUCTION COST SUBTOTAL					\$ 23,631,000
20% CONTINGENCY					\$ 4,730,000
TOTAL CONSTRUCTION COST					\$ 28,361,000
20% has been added to account for miscellaneous items like SW3P, Landscape, Irrigation, Hardscape Items, and Seeding.					
20% contingency was also included to capture cost of construction items not accounted for due to not having detailed plans.					

PROJECT: I-35 CAIP
LIMITS: Grand Avenue
CSJ:
SPEC YEAR: 2004
UNIT: ENGLISH

GRAND AVENUE

HNTB Corporation

THIS ESTIMATE REPRESENTS OUR JUDGMENT AS PROFESSIONALS FAMILIAR WITH THE CONSTRUCTION INDUSTRY. WE CANNOT AND DO NOT GUARANTEE THAT BIDS WILL NOT VARY FROM THIS ESTIMATE. ESTIMATE IS BASED ON TxDOT 2012/2013 AVERAGE BID PRICES .

DESCRIPTION

Reconstruct intersections. Reconstruct mainlane bridges. Reconstruct mainlanes. Bike and Pedestrian improvements.

I-35 CAIP					
ITEMS	ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	COST
QUANTIFIED ITEMS					
100	PREP ROW	STA	\$ 800.00	11	\$ 9,000
110	EXCAVATION	CY	\$ 9.00	10,268	\$ 93,000
132	EMBANKMENT	CY	\$ 9.00	10,268	\$ 93,000
260	LIME TREATMENT	SY	\$ 2.00	17,270	\$ 35,000
260	LIME	TON	\$ 145.00	78	\$ 12,000
3224	D - GR HMA (QCQA) TY - A	TON	\$ 70.00	23,377	\$ 1,640,000
3224	D - GR HMA (QCQA) TY - B	TON	\$ 75.00	13,288	\$ 997,000
3224	D - GR HMA (QCQA) TY - C	TON	\$ 83.00	4,717	\$ 392,000
3224	D - GR HMA (QCQA) TY - C (SURF)	TON	\$ 85.00	6,556	\$ 558,000
354	PLAN ASPH CONC PAV (0" TO 2")	SY	\$ 1.75	17,627	\$ 31,000
360	CONCRETE PAVEMENT (CONT REINF - CRCP)(14")	SY	\$ 70.00	0	\$ -
4XX	BRIDGES	SF	\$ 70.00	43,414	\$ 3,040,000
423	RETAINING WALLS (MSE)	SF	\$ 34.00	14,112	\$ 480,000
514	PERM CONC TRF BARR (Single Slope)	LF	\$ 50.00	1,708	\$ 86,000
529	CONC CURB (TY I)	LF	\$ 10.00	7,542	\$ 76,000
531	SIDEWALKS (CONC)(6')	LF	\$ 45.00	5,143	\$ 232,000
ITEMIZED COST SUBTOTAL					\$ 7,774,000
PERCENTAGE ITEMS					
		UNIT	PERCENTAGE		COST
100	DEMOLITION	%	5.00%	-	\$ 389,000
46X	DRAINAGE	%	6.00%	-	\$ 467,000
502	BARRICADES, SIGNS AND TRAFFIC HANDLING	%	8.00%	-	\$ 622,000
666	PAVEMENT MARKINGS	%	1.00%	-	\$ 78,000
6XX	SIGNING	%	5.00%	-	\$ 389,000
6XX	TRAFFIC SIGNALS & LIGHTING	%	7.50%	-	\$ 584,000
	UTILITIES	%	3.0%	-	\$ 234,000
	STRUCTURAL AESTHETICS	%	2.0%	-	\$ 156,000
	MISCELLANEOUS CONSTRUCTION ITEMS	%	20.0%	-	\$ 1,560,000
PERCENTAGE BASED COST SUBTOTAL					\$ 4,479,000
MISCELLANEOUS ITEMS					
		UNIT	UNIT PRICE	QUANTITY	COST
	MOBILIZATION			10%	\$ 1,226,000
					\$ -
					\$ -
MISCELLANEOUS COST SUBTOTAL					\$ 1,226,000
CONSTRUCTION COST SUBTOTAL					\$ 13,479,000
20% CONTINGENCY					\$ 2,700,000
TOTAL CONSTRUCTION COST					\$ 16,179,000
20% has been added to account for miscellaneous items like SW3P, Landscape, Irrigation, Hardscape Items, and Seeding.					
20% contingency was also included to capture cost of construction items not accounted for due to not having detailed plans.					

PROJECT: I-35 CAIP
LIMITS: Wells Branch Parkway
CSJ:
SPEC YEAR: 2004
UNIT: ENGLISH

WELLS BRANCH

HNTB Corporation

THIS ESTIMATE REPRESENTS OUR JUDGMENT AS PROFESSIONALS FAMILIAR WITH THE CONSTRUCTION INDUSTRY. WE CANNOT AND DO NOT GUARANTEE THAT BIDS WILL NOT VARY FROM THIS ESTIMATE. ESTIMATE IS BASED ON TxDOT 2012/2013 AVERAGE BID PRICES .

DESCRIPTION

Reconstruct intersections. Reconstruct mainlane bridges. Reconstruct mainlanes. Bike and Pedestrian improvements.

I-35 CAIP					
ITEMS	ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	COST
QUANTIFIED ITEMS					
100	PREP ROW	STA	\$ 800.00	14	\$ 12,000
110	EXCAVATION	CY	\$ 9.00	15,360	\$ 139,000
132	EMBANKMENT	CY	\$ 9.00	12,399	\$ 112,000
260	LIME TREATMENT	SY	\$ 2.00	21,497	\$ 43,000
260	LIME	TON	\$ 145.00	97	\$ 15,000
3224	D - GR HMA (QCQA) TY - A	TON	\$ 70.00	28,128	\$ 1,970,000
3224	D - GR HMA (QCQA) TY - B	TON	\$ 75.00	16,119	\$ 1,210,000
3224	D - GR HMA (QCQA) TY - C	TON	\$ 83.00	5,683	\$ 472,000
3224	D - GR HMA (QCQA) TY - C (SURF)	TON	\$ 85.00	5,864	\$ 499,000
354	PLAN ASPH CONC PAV (0" TO 2")	SY	\$ 1.75	2,576	\$ 5,000
360	CONCRETE PAVEMENT (CONT REINF - CRCP)(14")	SY	\$ 70.00	0	\$ -
4XX	BRIDGES	SF	\$ 70.00	47,668	\$ 3,340,000
423	RETAINING WALLS (MSE)	SF	\$ 34.00	16,190	\$ 551,000
514	PERM CONC TRF BARR (Single Slope)	LF	\$ 50.00	2,126	\$ 107,000
529	CONC CURB (TY I)	LF	\$ 10.00	17,426	\$ 175,000
531	SIDEWALKS (CONC)(6')	LF	\$ 45.00	9,102	\$ 410,000
ITEMIZED COST SUBTOTAL					\$ 9,060,000
PERCENTAGE ITEMS					
100	DEMOLITION	%	5.00%	-	\$ 453,000
46X	DRAINAGE	%	6.00%	-	\$ 544,000
502	BARRICADES, SIGNS AND TRAFFIC HANDLING	%	8.00%	-	\$ 725,000
666	PAVEMENT MARKINGS	%	1.00%	-	\$ 91,000
6XX	SIGNING	%	5.00%	-	\$ 453,000
6XX	TRAFFIC SIGNALS & LIGHTING	%	7.50%	-	\$ 680,000
	UTILITIES	%	3.0%	-	\$ 272,000
	STRUCTURAL AESTHETICS	%	2.0%	-	\$ 182,000
	MISCELLANEOUS CONSTRUCTION ITEMS	%	20.0%	-	\$ 1,820,000
PERCENTAGE BASED COST SUBTOTAL					\$ 5,220,000
MISCELLANEOUS ITEMS					
	MOBILIZATION			10%	\$ 1,428,000
	RIGHT OF WAY	SF	\$ 100.00	22,195	\$ 2,220,000
					\$ -
MISCELLANEOUS COST SUBTOTAL					\$ 3,648,000
CONSTRUCTION COST SUBTOTAL					\$ 17,928,000
20% CONTINGENCY					\$ 3,590,000
TOTAL CONSTRUCTION COST					\$ 21,518,000

20% has been added to account for miscellaneous items like SW3P, Landscape, Irrigation, Hardscape Items, and Seeding.
20% contingency was also included to capture cost of construction items not accounted for due to not having detailed plans.

PROJECT: I-35 CAIP
LIMITS: Howard Lane
CSJ:
SPEC YEAR: 2004
UNIT: ENGLISH

HOWARD LANE

HNTB Corporation

THIS ESTIMATE REPRESENTS OUR JUDGMENT AS PROFESSIONALS FAMILIAR WITH THE CONSTRUCTION INDUSTRY. WE CANNOT AND DO NOT GUARANTEE THAT BIDS WILL NOT VARY FROM THIS ESTIMATE. ESTIMATE IS BASED ON TxDOT 2012/2013 AVERAGE BID PRICES .

DESCRIPTION

Reconstruct intersections. Reconstruct mainlane bridges. Reconstruct mainlanes. Bike and Pedestrian improvements.

I-35 CAIP					
ITEMS	ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	COST
QUANTIFIED ITEMS					
100	PREP ROW	STA	\$ 1,500.00	16	\$ 24,000
110	EXCAVATION	CY	\$ 9.00	15,829	\$ 143,000
132	EMBANKMENT	CY	\$ 9.00	6,150	\$ 56,000
260	LIME TREATMENT	SY	\$ 2.00	23,328	\$ 47,000
260	LIME	TON	\$ 145.00	105	\$ 16,000
3224	D - GR HMA (QCQA) TY - A	TON	\$ 70.00	22,755	\$ 1,600,000
3224	D - GR HMA (QCQA) TY - B	TON	\$ 75.00	13,662	\$ 1,030,000
3224	D - GR HMA (QCQA) TY - C	TON	\$ 83.00	4,277	\$ 355,000
3224	D - GR HMA (QCQA) TY - C (SURF)	TON	\$ 85.00	4,827	\$ 411,000
354	PLAN ASPH CONC PAV (0" TO 2")	SY	\$ 1.75	5,849	\$ 11,000
360	CONCRETE PAVEMENT (CONT REINF - CRCP)(14")	SY	\$ 70.00	0	\$ -
4XX	BRIDGES	SF	\$ 70.00	49,995	\$ 3,500,000
423	RETAINING WALLS (MSE)	SF	\$ 34.00	13,372	\$ 455,000
514	PERM CONC TRF BARR (Single Slope)	LF	\$ 50.00	2,470	\$ 124,000
529	CONC CURB & GUTTER (TY II)	LF	\$ 18.50	13,819	\$ 256,000
531	SIDEWALKS (CONC)(6')	LF	\$ 45.00	7,174	\$ 323,000
ITEMIZED COST SUBTOTAL					\$ 8,351,000
PERCENTAGE ITEMS					
		UNIT	PERCENTAGE		COST
100	DEMOLITION	%	5.00%	-	\$ 418,000
46X	DRAINAGE	%	6.00%	-	\$ 502,000
502	BARRICADES, SIGNS AND TRAFFIC HANDLING	%	8.00%	-	\$ 669,000
666	PAVEMENT MARKINGS	%	1.00%	-	\$ 84,000
6XX	SIGNING	%	5.00%	-	\$ 418,000
6XX	TRAFFIC SIGNALS & LIGHTING	%	7.50%	-	\$ 627,000
	UTILITIES	%	3.0%	-	\$ 251,000
	STRUCTURAL AESTHETICS	%	2.0%	-	\$ 168,000
	MISCELLANEOUS CONSTRUCTION ITEMS	%	20.0%	-	\$ 1,680,000
PERCENTAGE BASED COST SUBTOTAL					\$ 4,817,000
MISCELLANEOUS ITEMS					
		UNIT	UNIT PRICE	QUANTITY	COST
	MOBILIZATION			10%	\$ 1,317,000
	RIGHT OF WAY	SF	\$ 100.00	102,176	\$ 10,220,000
					\$ -
MISCELLANEOUS COST SUBTOTAL					\$ 11,537,000
CONSTRUCTION COST SUBTOTAL					\$ 24,705,000
20% CONTINGENCY					\$ 4,950,000
TOTAL CONSTRUCTION COST					\$ 29,655,000

20% has been added to account for miscellaneous items like SW3P, Landscape, Irrigation, Hardscape Items, and Seeding.
20% contingency was also included to capture cost of construction items not accounted for due to not having detailed plans.

PROJECT: I-35 CAIP

LIMITS: Lamar from Howard Lane to school drive

CSJ:

SPEC YEAR: 2004

UNIT: ENGLISH

LAMAR REALIGNMENT

HNTB Corporation

THIS ESTIMATE REPRESENTS OUR JUDGMENT AS PROFESSIONALS FAMILIAR WITH THE CONSTRUCTION INDUSTRY. WE CANNOT AND DO NOT GUARANTEE THAT BIDS WILL NOT VARY FROM THIS ESTIMATE. ESTIMATE IS BASED ON TxDOT 2012/2013 AVERAGE BID PRICES .

DESCRIPTION

Realign Lamar to west to intersect with Howard Lane with a roundabout at school drive. Remove connection to frontage road.

I-35 CAIP					
ITEMS	ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	COST
QUANTIFIED ITEMS					
100	PREP ROW	STA	\$ 1,500.00	22	\$ 33,000
110	EXCAVATION	CY	\$ 9.00	7,800	\$ 71,000
132	EMBANKMENT	CY	\$ 9.00	2,000	\$ 18,000
260	LIME TREATMENT	SY	\$ 2.00	0	\$ -
260	LIME	TON	\$ 145.00	0	\$ -
3224	D - GR HMA (QCQA) TY - A	TON	\$ 70.00	3,905	\$ 274,000
3224	D - GR HMA (QCQA) TY - B	TON	\$ 75.00	1,870	\$ 141,000
3224	D - GR HMA (QCQA) TY - C	TON	\$ 83.00	908	\$ 76,000
3224	D - GR HMA (QCQA) TY - C (SURF)	TON	\$ 85.00	880	\$ 75,000
354	PLAN ASPH CONC PAV (0" TO 2")	SY	\$ 1.75	0	\$ -
360	CONCRETE PAVEMENT (CONT REINF - CRCP)(14")	SY	\$ 70.00	0	\$ -
4XX	BRIDGES	SF	\$ 70.00	0	\$ -
423	RETAINING WALLS (MSE)	SF	\$ 34.00	0	\$ -
514	PERM CONC TRF BARR (Single Slope)	LF	\$ 50.00	0	\$ -
529	CONC CURB & GUTTER (TY II)	LF	\$ 18.50	4,400	\$ 82,000
531	SIDEWALKS (CONC)(6')	LF	\$ 45.00	2,200	\$ 99,000
ITEMIZED COST SUBTOTAL					\$ 869,000
PERCENTAGE ITEMS					
		UNIT	PERCENTAGE		COST
100	DEMOLITION	%	10.00%	-	\$ 87,000
46X	DRAINAGE	%	20.00%	-	\$ 174,000
502	BARRICADES, SIGNS AND TRAFFIC HANDLING	%	8.00%	-	\$ 70,000
666	PAVEMENT MARKINGS	%	5.00%	-	\$ 44,000
6XX	SIGNING	%	5.00%	-	\$ 44,000
6XX	TRAFFIC SIGNALS & LIGHTING	%	20.00%	-	\$ 174,000
	UTILITIES	%	3.0%	-	\$ 27,000
	STRUCTURAL AESTHETICS	%	0.0%	-	\$ -
	MISCELLANEOUS CONSTRUCTION ITEMS	%	35.0%	-	\$ 305,000
PERCENTAGE BASED COST SUBTOTAL					\$ 925,000
MISCELLANEOUS ITEMS					
		UNIT	UNIT PRICE	QUANTITY	COST
	MOBILIZATION			10%	\$ 180,000
	RIGHT OF WAY	SF	\$ 100.00	98,462	\$ 9,850,000
					\$ -
MISCELLANEOUS COST SUBTOTAL					\$ 10,030,000
CONSTRUCTION COST SUBTOTAL					\$ 11,824,000
20% CONTINGENCY					\$ 2,370,000
TOTAL CONSTRUCTION COST					\$ 14,194,000
35% has been added to account for miscellaneous items like SW3P, Landscape, Irrigation, Hardscape Items, and Seeding.					
20% contingency was also included to capture cost of construction items not accounted for due to not having detailed plans.					

PROJECT: I-35 CAIP

PARMER LANE

LIMITS: Parmer Lane - South of Howard to North of Yager

CSJ:

SPEC YEAR: 2004

UNIT: ENGLISH

HNTB Corporation

THIS ESTIMATE REPRESENTS OUR JUDGMENT AS PROFESSIONALS FAMILIAR WITH THE CONSTRUCTION INDUSTRY. WE CANNOT AND DO NOT GUARANTEE THAT BIDS WILL NOT VARY FROM THIS ESTIMATE. ESTIMATE IS BASED ON TxDOT 2012/2013 AVERAGE BID PRICES .

DESCRIPTION

Frontage road improvements to accommodate DDI. DDI construction. Lamar Median U-turns. Southbound Collector Distributor road. Mainlane widening to accommodate FTC. Bike and pedestrian improvements.

I-35 CAIP					
ITEMS	ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	COST
QUANTIFIED ITEMS					
100	PREP ROW	STA	\$ 1,500.00	55	\$ 83,000
110	EXCAVATION	CY	\$ 9.00	25,640	\$ 231,000
132	EMBANKMENT	CY	\$ 9.00	100,454	\$ 905,000
260	LIME TREATMENT	SY	\$ 2.00	31,213	\$ 63,000
260	LIME	TON	\$ 145.00	141	\$ 21,000
3224	D - GR HMA (QCQA) TY - A	TON	\$ 70.00	45,263	\$ 3,170,000
3224	D - GR HMA (QCQA) TY - B	TON	\$ 75.00	23,244	\$ 1,750,000
3224	D - GR HMA (QCQA) TY - C	TON	\$ 83.00	8,888	\$ 738,000
3224	D - GR HMA (QCQA) TY - C (SURF)	TON	\$ 85.00	15,842	\$ 1,350,000
354	PLAN ASPH CONC PAV (0" TO 2")	SY	\$ 1.75	73,658	\$ 129,000
360	CONCRETE PAVEMENT (CONT REINF - CRCP)(14")	SY	\$ 70.00	5,476	\$ 384,000
4XX	BRIDGES	SF	\$ 70.00	0	\$ -
423	RETAINING WALLS (MSE)	SF	\$ 34.00	19,038	\$ 648,000
514	PERM CONC TRF BARR (Single Slope)	LF	\$ 50.00	0	\$ -
529	CONC CURB & GUTTER (TY II)	LF	\$ 18.50	10,660	\$ 198,000
531	SIDEWALKS (CONC)(6')	LF	\$ 45.00	5,283	\$ 238,000
ITEMIZED COST SUBTOTAL					\$ 9,908,000
PERCENTAGE ITEMS					
		UNIT	PERCENTAGE		COST
100	DEMOLITION	%	5.00%	-	\$ 496,000
46X	DRAINAGE	%	6.00%	-	\$ 595,000
502	BARRICADES, SIGNS AND TRAFFIC HANDLING	%	8.00%	-	\$ 793,000
666	PAVEMENT MARKINGS	%	1.00%	-	\$ 100,000
6XX	SIGNING	%	5.00%	-	\$ 496,000
6XX	TRAFFIC SIGNALS & LIGHTING	%	8.00%	-	\$ 793,000
	UTILITIES	%	3.0%	-	\$ 298,000
	STRUCTURAL AESTHETICS	%	2.0%	-	\$ 199,000
	MISCELLANEOUS CONSTRUCTION ITEMS	%	20.0%	-	\$ 1,990,000
PERCENTAGE BASED COST SUBTOTAL					\$ 5,760,000
MISCELLANEOUS ITEMS					
		UNIT	UNIT PRICE	QUANTITY	COST
	MOBILIZATION			10%	\$ 1,567,000
					\$ -
					\$ -
MISCELLANEOUS COST SUBTOTAL					\$ 1,567,000
CONSTRUCTION COST SUBTOTAL					\$ 17,235,000
20% CONTINGENCY					\$ 3,450,000
TOTAL CONSTRUCTION COST					\$ 20,685,000

20% has been added to account for miscellaneous items like SW3P, Landscape, Irrigation, Hardscape Items, and Seeding.
20% contingency was also included to capture cost of construction items not accounted for due to not having detailed plans.

PROJECT: I-35 CAIP

BRAKER LANE

LIMITS: Braker Lane - South of Yager to north of Rundberg

CSJ:

SPEC YEAR: 2004

UNIT: ENGLISH

HNTB Corporation

THIS ESTIMATE REPRESENTS OUR JUDGMENT AS PROFESSIONALS FAMILIAR WITH THE CONSTRUCTION INDUSTRY. WE CANNOT AND DO NOT GUARANTEE THAT BIDS WILL NOT VARY FROM THIS ESTIMATE. ESTIMATE IS BASED ON TxDOT 2012/2013 AVERAGE BID PRICES .

DESCRIPTION

Reconstruct bridge. Construct turn around bridges. Modify frontage roads.
Mainlane widening to accommodate FTC. Bike and Pedestrian improvements.

I-35 CAIP					
ITEMS	ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	COST
QUANTIFIED ITEMS					
100	PREP ROW	STA	\$ 1,500.00	23	\$ 35,000
110	EXCAVATION	CY	\$ 9.00	27,526	\$ 248,000
132	EMBANKMENT	CY	\$ 9.00	12,649	\$ 114,000
260	LIME TREATMENT	SY	\$ 2.00	29,972	\$ 60,000
260	LIME	TON	\$ 145.00	135	\$ 20,000
3224	D - GR HMA (QCQA) TY - A	TON	\$ 70.00	23,977	\$ 1,680,000
3224	D - GR HMA (QCQA) TY - B	TON	\$ 75.00	14,851	\$ 1,120,000
3224	D - GR HMA (QCQA) TY - C	TON	\$ 83.00	4,180	\$ 347,000
3224	D - GR HMA (QCQA) TY - C (SURF)	TON	\$ 85.00	6,742	\$ 574,000
354	PLAN ASPH CONC PAV (0" TO 2")	SY	\$ 1.75	24,601	\$ 44,000
360	CONCRETE PAVEMENT (CONT REINF - CRCP)(14")	SY	\$ 70.00	0	\$ -
4XX	BRIDGES	SF	\$ 70.00	33,494	\$ 2,350,000
423	RETAINING WALLS (MSE)	SF	\$ 34.00	19,038	\$ 648,000
514	PERM CONC TRF BARR (Single Slope)	LF	\$ 50.00	4,572	\$ 229,000
529	CONC CURB & GUTTER (TY II)	LF	\$ 18.50	9,393	\$ 174,000
531	SIDEWALKS (CONC)(6')	LF	\$ 45.00	4,962	\$ 224,000
ITEMIZED COST SUBTOTAL					\$ 7,867,000
PERCENTAGE ITEMS					
		UNIT	PERCENTAGE		COST
100	DEMOLITION	%	5.00%	-	\$ 394,000
46X	DRAINAGE	%	6.00%	-	\$ 473,000
502	BARRICADES, SIGNS AND TRAFFIC HANDLING	%	8.00%	-	\$ 630,000
666	PAVEMENT MARKINGS	%	1.00%	-	\$ 79,000
6XX	SIGNING	%	5.00%	-	\$ 394,000
6XX	TRAFFIC SIGNALS & LIGHTING	%	8.00%	-	\$ 630,000
	UTILITIES	%	3.0%	-	\$ 237,000
	STRUCTURAL AESTHETICS	%	2.0%	-	\$ 158,000
	MISCELLANEOUS CONSTRUCTION ITEMS	%	20.0%	-	\$ 1,580,000
PERCENTAGE BASED COST SUBTOTAL					\$ 4,575,000
MISCELLANEOUS ITEMS					
		UNIT	UNIT PRICE	QUANTITY	COST
	MOBILIZATION			10%	\$ 1,245,000
					\$ -
					\$ -
MISCELLANEOUS COST SUBTOTAL					\$ 1,245,000
CONSTRUCTION COST SUBTOTAL					\$ 13,687,000
20% CONTINGENCY					\$ 2,740,000
TOTAL CONSTRUCTION COST					\$ 16,427,000
20% has been added to account for miscellaneous items like SW3P, Landscape, Irrigation, Hardscape Items, and Seeding.					
20% contingency was also included to capture cost of construction items not accounted for due to not having detailed plans.					

PROJECT: I-35 CAIP

LIMITS: Powell

CSJ:

SPEC YEAR: 2004

UNIT: ENGLISH

PEDESTRIAN BRIDGE - POWELL

HNTB Corporation

THIS ESTIMATE REPRESENTS OUR JUDGMENT AS PROFESSIONALS FAMILIAR WITH THE CONSTRUCTION INDUSTRY. WE CANNOT AND DO NOT GUARANTEE THAT BIDS WILL NOT VARY FROM THIS ESTIMATE. ESTIMATE IS BASED ON TxDOT 2012/2013 AVERAGE BID PRICES .

DESCRIPTION

Construct pedestrian bridge across I-35.

I-35 CAIP					
ITEMS	ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	COST
QUANTIFIED ITEMS					
100	PREP ROW	STA	\$ 800.00	5	\$ 4,000
110	EXCAVATION	CY	\$ 9.00	200	\$ 2,000
132	EMBANKMENT	CY	\$ 9.00	200	\$ 2,000
260	LIME TREATMENT	SY	\$ 2.00	0	\$ -
260	LIME	TON	\$ 145.00	0	\$ -
3224	D - GR HMA (QCQA) TY - A	TON	\$ 70.00	0	\$ -
3224	D - GR HMA (QCQA) TY - B	TON	\$ 75.00	0	\$ -
3224	D - GR HMA (QCQA) TY - C	TON	\$ 83.00	0	\$ -
3224	D - GR HMA (QCQA) TY - C (SURF)	TON	\$ 85.00	0	\$ -
354	PLAN ASPH CONC PAV (0" TO 2")	SY	\$ 1.75	0	\$ -
360	CONCRETE PAVEMENT (CONT REINF - CRCP)(14")	SY	\$ 70.00	0	\$ -
4XX	BRIDGES	SF	\$ 70.00	17,100	\$ 1,200,000
423	RETAINING WALLS (MSE)	SF	\$ 34.00	0	\$ -
514	PERM CONC TRF BARR (Single Slope)	LF	\$ 50.00	0	\$ -
529	CONC CURB (TY I)	LF	\$ 10.00	0	\$ -
531	SIDEWALKS (CONC)(6')	LF	\$ 45.00	0	\$ -
ITEMIZED COST SUBTOTAL					\$ 1,208,000
PERCENTAGE ITEMS					
100	DEMOLITION	%	5.00%	-	\$ 61,000
46X	DRAINAGE	%	0.00%	-	\$ -
502	BARRICADES, SIGNS AND TRAFFIC HANDLING	%	10.00%	-	\$ 121,000
666	PAVEMENT MARKINGS	%	1.00%	-	\$ 13,000
6XX	SIGNING	%	2.50%	-	\$ 31,000
6XX	TRAFFIC SIGNALS & LIGHTING	%	8.00%	-	\$ 97,000
	UTILITIES	%	0.00%	-	\$ -
	STRUCTURAL AESTHETICS	%	10.00%	-	\$ 121,000
	MISCELLANEOUS CONSTRUCTION ITEMS	%	20.00%	-	\$ 242,000
PERCENTAGE BASED COST SUBTOTAL					\$ 686,000
MISCELLANEOUS ITEMS					
	MOBILIZATION			10%	\$ 190,000
					\$ -
					\$ -
MISCELLANEOUS COST SUBTOTAL					\$ 190,000
CONSTRUCTION COST SUBTOTAL					\$ 2,084,000
20% CONTINGENCY					\$ 420,000
TOTAL CONSTRUCTION COST					\$ 2,504,000

20% has been added to account for miscellaneous items like SW3P, Landscape, Irrigation, Hardscape Items, and Seeding.

20% contingency was also included to capture cost of construction items not accounted for due to not having detailed plans.

PROJECT: I-35 CAIP
LIMITS: US 183 DCs
CSJ:
SPEC YEAR: 2004
UNIT: ENGLISH

US 183 DIRECT CONNECTORS

HNTB Corporation

THIS ESTIMATE REPRESENTS OUR JUDGMENT AS PROFESSIONALS FAMILIAR WITH THE CONSTRUCTION INDUSTRY. WE CANNOT AND DO NOT GUARANTEE THAT BIDS WILL NOT VARY FROM THIS ESTIMATE. ESTIMATE IS BASED ON TxDOT 2012/2013 AVERAGE BID PRICES .

DESCRIPTION

Construct Direct Connectors to US 183

I-35 CAIP					
ITEMS	ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	COST
QUANTIFIED ITEMS					
100	PREP ROW	STA	\$ 1,500.00	100	\$ 150,000
110	EXCAVATION	CY	\$ 9.00	24,391	\$ 220,000
132	EMBANKMENT	CY	\$ 9.00	52,077	\$ 469,000
260	LIME TREATMENT	SY	\$ 2.00	0	\$ -
260	LIME	TON	\$ 145.00	0	\$ -
3224	D - GR HMA (QCQA) TY - A	TON	\$ 70.00	11,956	\$ 837,000
3224	D - GR HMA (QCQA) TY - B	TON	\$ 75.00	2,472	\$ 186,000
3224	D - GR HMA (QCQA) TY - C	TON	\$ 83.00	2,853	\$ 237,000
3224	D - GR HMA (QCQA) TY - C (SURF)	TON	\$ 85.00	1,185	\$ 101,000
354	PLAN ASPH CONC PAV (0" TO 2")	SY	\$ 1.75	37,168	\$ 66,000
360	CONCRETE PAVEMENT (CONT REINF - CRCP)(14")	SY	\$ 70.00	13,187	\$ 924,000
4XX	BRIDGES	SF	\$ 70.00	198,233	\$ 13,880,000
423	RETAINING WALLS (MSE)	SF	\$ 34.00	59,806	\$ 2,040,000
514	PERM CONC TRF BARR (Single Slope)	LF	\$ 50.00	0	\$ -
529	CONC CURB & GUTTER (TY II)	LF	\$ 18.50	0	\$ -
531	SIDEWALKS (CONC)(6')	LF	\$ 45.00	0	\$ -
					\$ -
					\$ -
ITEMIZED COST SUBTOTAL					\$ 19,110,000
PERCENTAGE ITEMS					
		UNIT	PERCENTAGE		COST
100	DEMOLITION	%	5.00%	-	\$ 956,000
46X	DRAINAGE	%	6.00%	-	\$ 1,150,000
502	BARRICADES, SIGNS AND TRAFFIC HANDLING	%	8.00%	-	\$ 1,530,000
666	PAVEMENT MARKINGS	%	1.00%	-	\$ 192,000
6XX	SIGNING	%	5.00%	-	\$ 956,000
6XX	TRAFFIC SIGNALS & LIGHTING	%	8.00%	-	\$ 1,530,000
	UTILITIES	%	3.0%	-	\$ 574,000
	STRUCTURAL AESTHETICS	%	2.0%	-	\$ 383,000
	MISCELLANEOUS CONSTRUCTION ITEMS	%	20.0%	-	\$ 3,830,000
PERCENTAGE BASED COST SUBTOTAL					\$ 11,101,000
MISCELLANEOUS ITEMS					
		UNIT	UNIT PRICE	QUANTITY	COST
	MOBILIZATION			10%	\$ 3,022,000
	RIGHT OF WAY I-35	SF	\$ 100.00	135,809	\$ 13,590,000
	RIGHT OF WAY US 183	SF	\$ 100.00	351,798	\$ 35,180,000
MISCELLANEOUS COST SUBTOTAL					\$ 51,792,000
CONSTRUCTION COST SUBTOTAL					\$ 82,003,000
20% CONTINGENCY					\$ 16,410,000
TOTAL CONSTRUCTION COST					\$ 98,413,000

20% has been added to account for miscellaneous items like SW3P, Landscape, Irrigation, Hardscape Items, and Seeding.

20% contingency was also included to capture cost of construction items not accounted for due to not having detailed plans.

PROJECT: I-35 CAIP
LIMITS: SEGMENT 3 - US 183 to US 290
CSJ:
SPEC YEAR: 2004
UNIT: ENGLISH

US 183 to US 290

ATKINS

THIS ESTIMATE REPRESENTS OUR JUDGMENT AS PROFESSIONALS FAMILIAR WITH THE CONSTRUCTION INDUSTRY. WE CANNOT AND DO NOT GUARANTEE THAT BIDS WILL NOT VARY FROM THIS ESTIMATE. ESTIMATE IS BASED ON TxDOT 2012/2013 AVERAGE BID PRICES .

DESCRIPTION

SEGMENT 3 (US 183 to US 290) - Remove entrance ramp south of St. John's, construct I-35 NB braided ramp under new US 183 DC bridge north of St. Johns, widen frontage roads to accommodate Shared Lanes, modify US 290 WBFR intersection with I-35 NBFR.

I-35 CAIP					
ITEMS	ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	COST
QUANTIFIED ITEMS					
100	PREP ROW	STA	\$ 1,500.00	71	\$ 107,000
110	EXCAVATION	CY	\$ 9.00	533	\$ 5,000
132	EMBANKMENT	CY	\$ 9.00	5,556	\$ 50,000
260	LIME TREATMENT	SY	\$ 2.00	5,592	\$ 12,000
260	LIME	TON	\$ 145.00	25	\$ 4,000
3224	D - GR HMA (QCQA) TY - A	TON	\$ 70.00	14,153	\$ 991,000
3224	D - GR HMA (QCQA) TY - B	TON	\$ 75.00	4,861	\$ 365,000
3224	D - GR HMA (QCQA) TY - C	TON	\$ 83.00	2,597	\$ 216,000
3224	D - GR HMA (QCQA) TY - C (SURF)	TON	\$ 85.00	7,087	\$ 603,000
354	PLAN ASPH CONC PAV (0" TO 2")	SY	\$ 1.75	48,849	\$ 86,000
360	CONCRETE PAVEMENT (CONT REINF - CRCP)(14")	SY	\$ 70.00	3,682	\$ 258,000
4XX	BRIDGES(SEGMENTAL)	SF	\$ 80.00	43,680	\$ 3,500,000
423	RETAINING WALLS (MSE)	SF	\$ 34.00	8,610	\$ 293,000
462	CONC BOX CULV	LF	\$ 500.00	40	\$ 20,000
529	CONC CURB & GUTTER (TY II)	LF	\$ 18.50	28,400	\$ 526,000
531	SIDEWALKS (CONC)(6')	LF	\$ 45.00	14,200	\$ 639,000
			ITEMIZED COST SUBTOTAL	\$	7,675,000
PERCENTAGE ITEMS					
100	DEMOLITION	%	8.00%	-	\$ 614,000
46X	DRAINAGE	%	5.00%	-	\$ 384,000
502	BARRICADES, SIGNS AND TRAFFIC HANDLING	%	8.00%	-	\$ 614,000
666	PAVEMENT MARKINGS	%	1.00%	-	\$ 77,000
6XX	SIGNING	%	5.00%	-	\$ 384,000
6XX	TRAFFIC SIGNALS & LIGHTING	%	7.50%	-	\$ 576,000
	UTILITIES	%	5.0%	-	\$ 384,000
	STRUCTURAL AESTHETICS	%	2.0%	-	\$ 154,000
	MISCELLANEOUS CONSTRUCTION ITEMS	%	20.0%	-	\$ 1,540,000
			NON-ITEMIZED COST SUBTOTAL	\$	4,727,000
			MOBILIZATION	10%	\$ 1,241,000
			CONSTRUCTION COST SUBTOTAL	\$	13,643,000
			20% CONTINGENCY	\$	2,730,000
			TOTAL CONSTRUCTION COST	\$	16,373,000
20% has been added to account for miscellaneous items like SW3P, Landscape, Irrigation, Hardscape Items, and Seeding.					
20% contingency was also included to capture cost of construction items not accounted for due to not having detailed plans.					

PROJECT: I-35 CAIP
LIMITS: SEGMENT 3 - US 290 to Airport Blvd.
CSJ:
SPEC YEAR: 2004
UNIT: ENGLISH

51ST STREET

ATKINS

THIS ESTIMATE REPRESENTS OUR JUDGMENT AS PROFESSIONALS FAMILIAR WITH THE CONSTRUCTION INDUSTRY. WE CANNOT AND DO NOT GUARANTEE THAT BIDS WILL NOT VARY FROM THIS ESTIMATE. ESTIMATE IS BASED ON TxDOT 2012/2013 AVERAGE BID PRICES .

DESCRIPTION

SEGMENT 3 (US 290 to Airport Blvd) - 1) Reconstruct southbound frontage road, 2) Build roundabout, 3) Construct southbound collector distributor road, 4) Reconstruct/reverse southbound ramps between 51st Street and Airport Blvd, and 5) Bike and Pedestrian improvements.

I-35 CAIP					
ITEMS	ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	COST
QUANTIFIED ITEMS					
100	PREP ROW	STA	\$ 1,500.00	77	\$ 116,000
110	EXCAVATION	CY	\$ 9.00	20,319	\$ 183,000
132	EMBANKMENT	CY	\$ 9.00	51,019	\$ 460,000
260	LIME TREATMENT	SY	\$ 2.00	13,586	\$ 28,000
260	LIME	TON	\$ 145.00	61	\$ 9,000
3224	D - GR HMA (QCQA) TY - A	TON	\$ 70.00	17,784	\$ 1,250,000
3224	D - GR HMA (QCQA) TY - B	TON	\$ 75.00	6,430	\$ 483,000
3224	D - GR HMA (QCQA) TY - C	TON	\$ 83.00	3,607	\$ 300,000
3224	D - GR HMA (QCQA) TY - C (SURF)	TON	\$ 85.00	4,200	\$ 357,000
354	PLAN ASPH CONC PAV (0" TO 2")	SY	\$ 1.75	18,330	\$ 33,000
360	CONCRETE PAVEMENT (CONT REINF - CRCP)(14")	SY	\$ 70.00	8,841	\$ 619,000
4XX	BRIDGES	SF	\$ 100.00	2,436	\$ 244,000
423	RETAINING WALLS (MSE)	SF	\$ 34.00	15,214	\$ 518,000
462	CONC BOX CULV	LF	\$ 500.00	70	\$ 35,000
514	PERM CONC TRF BARR (Single Slope)	LF	\$ 50.00	10,137	\$ 507,000
529	CONC CURB & GUTTER (TY II)	LF	\$ 18.50	14,400	\$ 267,000
531	SIDEWALKS (CONC)(6')	LF	\$ 45.00	9,700	\$ 437,000
ITEMIZED COST SUBTOTAL					\$ 5,846,000
PERCENTAGE ITEMS					
100	DEMOLITION	%	5.00%	-	\$ 293,000
46X	DRAINAGE	%	10.00%	-	\$ 585,000
502	BARRICADES, SIGNS AND TRAFFIC HANDLING	%	8.00%	-	\$ 468,000
666	PAVEMENT MARKINGS	%	1.00%	-	\$ 59,000
6XX	SIGNING	%	5.00%	-	\$ 293,000
6XX	TRAFFIC SIGNALS & LIGHTING	%	7.50%	-	\$ 439,000
	UTILITIES	%	3.0%	-	\$ 176,000
	STRUCTURAL AESTHETICS	%	2.0%	-	\$ 117,000
	MISCELLANEOUS CONSTRUCTION ITEMS	%	20.0%	-	\$ 1,170,000
NON-ITEMIZED COST SUBTOTAL					\$ 3,600,000
MISCELLANEOUS ITEMS					
	MOBILIZATION			10%	\$ 945,000
	RIGHT OF WAY	SF	\$ 100.00	3,582	\$ 359,000
					\$ -
MISCELLANEOUS COST SUBTOTAL					\$ 1,304,000
CONSTRUCTION COST SUBTOTAL					\$ 10,750,000
20% CONTINGENCY					\$ 2,150,000
TOTAL CONSTRUCTION COST					\$ 12,900,000
20% has been added to account for miscellaneous items like SW3P, Landscape, Irrigation, Hardscape Items, and Seeding.					
20% contingency was also included to capture cost of construction items not accounted for due to not having detailed plans.					

PROJECT: I-35 CAIP

RAMP MODIFICATIONS (Northbound)

LIMITS: SEGMENT 3 - 51st to Airport Blvd.

CSJ:

SPEC YEAR: 2004

UNIT: ENGLISH

ATKINS

THIS ESTIMATE REPRESENTS OUR JUDGMENT AS PROFESSIONALS FAMILIAR WITH THE CONSTRUCTION INDUSTRY. WE CANNOT AND DO NOT GUARANTEE THAT BIDS WILL NOT VARY FROM THIS ESTIMATE. ESTIMATE IS BASED ON TxDOT 2012/2013 AVERAGE BID PRICES .

DESCRIPTION

SEGMENT 3 (US 290 to Airport Blvd) - 1) Reconstruct existing northbound entrance ramp, 2) Reconstruct/reverse existing northbound exit ramp, and 3) Northbound frontage road improvements.

I-35 CAIP					
ITEMS	ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	COST
QUANTIFIED ITEMS					
100	PREP ROW	STA	\$ 1,500.00	77	\$ 116,000
110	EXCAVATION	CY	\$ 9.00	14,331	\$ 129,000
132	EMBANKMENT	CY	\$ 9.00	22,519	\$ 203,000
260	LIME TREATMENT	SY	\$ 2.00	6,508	\$ 14,000
260	LIME	TON	\$ 145.00	29	\$ 5,000
3224	D - GR HMA (QCQA) TY - A	TON	\$ 70.00	9,119	\$ 639,000
3224	D - GR HMA (QCQA) TY - B	TON	\$ 75.00	3,345	\$ 251,000
3224	D - GR HMA (QCQA) TY - C	TON	\$ 83.00	2,045	\$ 170,000
3224	D - GR HMA (QCQA) TY - C (SURF)	TON	\$ 85.00	3,251	\$ 277,000
354	PLAN ASPH CONC PAV (0" TO 2")	SY	\$ 1.75	16,404	\$ 29,000
360	CONCRETE PAVEMENT (CONT REINF - CRCP)(14")	SY	\$ 70.00	4,014	\$ 281,000
514	PERM CONC TRF BARR (Single Slope)	LF	\$ 50.00	3,643	\$ 183,000
529	CONC CURB & GUTTER (TY II)	LF	\$ 18.50	14,400	\$ 267,000
531	SIDEWALKS (CONC)(6')	LF	\$ 45.00	7,200	\$ 324,000
ITEMIZED COST SUBTOTAL					\$ 2,888,000
PERCENTAGE ITEMS					
100	DEMOLITION	%	5.00%	-	\$ 145,000
46X	DRAINAGE	%	10.00%	-	\$ 289,000
502	BARRICADES, SIGNS AND TRAFFIC HANDLING	%	8.00%	-	\$ 232,000
666	PAVEMENT MARKINGS	%	1.00%	-	\$ 29,000
6XX	SIGNING	%	5.00%	-	\$ 145,000
6XX	TRAFFIC SIGNALS & LIGHTING	%	7.50%	-	\$ 217,000
	UTILITIES	%	3.0%	-	\$ 87,000
	STRUCTURAL AESTHETICS	%	2.0%	-	\$ 58,000
	MISCELLANEOUS CONSTRUCTION ITEMS	%	20.0%	-	\$ 578,000
NON-ITEMIZED COST SUBTOTAL					\$ 1,780,000
MISCELLANEOUS ITEMS					
	MOBILIZATION			10%	\$ 467,000
	RIGHT OF WAY	SF	\$ 100.00	30,585	\$ 3,060,000
					\$ -
MISCELLANEOUS COST SUBTOTAL					\$ 3,527,000
CONSTRUCTION COST SUBTOTAL					\$ 8,195,000
20% CONTINGENCY					\$ 1,640,000
TOTAL CONSTRUCTION COST					\$ 9,835,000

20% has been added to account for miscellaneous items like SW3P, Landscape, Irrigation, Hardscape Items, and Seeding.

20% contingency was also included to capture cost of construction items not accounted for due to not having detailed plans.

PROJECT: I-35 CAIP
LIMITS: Airport Boulevard
CSJ:
SPEC YEAR: 2004
UNIT: ENGLISH

AIRPORT BLVD

HNTB Corporation

THIS ESTIMATE REPRESENTS OUR JUDGMENT AS PROFESSIONALS FAMILIAR WITH THE CONSTRUCTION INDUSTRY. WE CANNOT AND DO NOT GUARANTEE THAT BIDS WILL NOT VARY FROM THIS ESTIMATE. ESTIMATE IS BASED ON TXDOT 2012/2013 AVERAGE BID PRICES .

DESCRIPTION

Modify frontage roads. Constuct DDI. Bike and pedestrian improvements.

I-35 CAIP					
ITEMS	ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	COST
QUANTIFIED ITEMS					
100	PREP ROW	STA	\$ 1,500.00	23	\$ 35,000
110	EXCAVATION	CY	\$ 9.00	54,003	\$ 487,000
132	EMBANKMENT	CY	\$ 9.00	1,813	\$ 17,000
260	LIME TREATMENT	SY	\$ 2.00	28,454	\$ 57,000
260	LIME	TON	\$ 145.00	128	\$ 19,000
3224	D - GR HMA (QCQA) TY - A	TON	\$ 70.00	38,342	\$ 2,690,000
3224	D - GR HMA (QCQA) TY - B	TON	\$ 75.00	19,673	\$ 1,480,000
3224	D - GR HMA (QCQA) TY - C	TON	\$ 83.00	7,753	\$ 644,000
3224	D - GR HMA (QCQA) TY - C (SURF)	TON	\$ 85.00	9,584	\$ 815,000
354	PLAN ASPH CONC PAV (0" TO 2")	SY	\$ 1.75	0	\$ -
360	CONCRETE PAVEMENT (CONT REINF - CRCP)(14")	SY	\$ 70.00	9,012	\$ 631,000
4XX	BRIDGES	SF	\$ 70.00	0	\$ -
4XX	COLUMN SUPPORT UNDERPINNING	EA	\$ 150,000.00	0	\$ -
423	RETAINING WALLS (MSE)	SF	\$ 34.00	0	\$ -
514	PERM CONC TRF BARR (Single Slope)	LF	\$ 50.00	6,210	\$ 311,000
529	CONC CURB & GUTTER (TY II)	LF	\$ 18.50	9,307	\$ 173,000
531	SIDEWALKS (CONC)(6')	LF	\$ 45.00	9,307	\$ 419,000
ITEMIZED COST SUBTOTAL					\$ 7,778,000
PERCENTAGE ITEMS					
		UNIT	PERCENTAGE		COST
100	DEMOLITION	%	5.00%	-	\$ 389,000
46X	DRAINAGE	%	6.00%	-	\$ 467,000
502	BARRICADES, SIGNS AND TRAFFIC HANDLING	%	8.00%	-	\$ 623,000
666	PAVEMENT MARKINGS	%	1.00%	-	\$ 78,000
6XX	SIGNING	%	5.00%	-	\$ 389,000
6XX	TRAFFIC SIGNALS & LIGHTING	%	7.50%	-	\$ 584,000
	UTILITIES	%	3.0%	-	\$ 234,000
	STRUCTURAL AESTHETICS	%	0.0%	-	\$ -
	MISCELLANEOUS CONSTRUCTION ITEMS	%	20.0%	-	\$ 1,560,000
PERCENTAGE BASED COST SUBTOTAL					\$ 4,324,000
MISCELLANEOUS ITEMS					
		UNIT	UNIT PRICE	QUANTITY	COST
	MOBILIZATION			10%	\$ 1,211,000
	RIGHT OF WAY	SF	\$ 100.00	3,743	\$ 375,000
					\$ -
MISCELLANEOUS COST SUBTOTAL					\$ 1,586,000
CONSTRUCTION COST SUBTOTAL					\$ 13,688,000
20% CONTINGENCY					\$ 2,740,000
TOTAL CONSTRUCTION COST					\$ 16,428,000
20% has been added to account for miscellaneous items like SW3P, Landscape, Irrigation, Hardscape Items, and Seeding.					
20% contingency was also included to capture cost of construction items not accounted for due to not having detailed plans.					

PROJECT: I-35 CAIP

LIMITS: South of Airport Blvd to north of MLK Blvd

CSJ:

SPEC YEAR: 2004

UNIT: ENGLISH

DECKS

HNTB Corporation

THIS ESTIMATE REPRESENTS OUR JUDGMENT AS PROFESSIONALS FAMILIAR WITH THE CONSTRUCTION INDUSTRY. WE CANNOT AND DO NOT GUARANTEE THAT BIDS WILL NOT VARY FROM THIS ESTIMATE. ESTIMATE IS BASED ON TXDOT 2012/2013 AVERAGE BID PRICES .

DESCRIPTION

Construct widening and FTC. Frontage road improvements. Implement super street.

I-35 CAIP					
ITEMS	ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	COST
QUANTIFIED ITEMS					
100	PREP ROW	STA	\$ 1,500.00	77	\$ 116,000
110	EXCAVATION	CY	\$ 9.00	162,008	\$ 1,460,000
132	EMBANKMENT	CY	\$ 9.00	5,439	\$ 49,000
260	LIME TREATMENT	SY	\$ 2.00	79,137	\$ 159,000
260	LIME	TON	\$ 145.00	356	\$ 52,000
3224	D - GR HMA (QCQA) TY - A	TON	\$ 70.00	58,219	\$ 4,080,000
3224	D - GR HMA (QCQA) TY - B	TON	\$ 75.00	35,411	\$ 2,660,000
3224	D - GR HMA (QCQA) TY - C	TON	\$ 83.00	9,941	\$ 826,000
3224	D - GR HMA (QCQA) TY - C (SURF)	TON	\$ 85.00	11,340	\$ 964,000
354	PLAN ASPH CONC PAV (0" TO 2")	SY	\$ 1.75	52,880	\$ 93,000
360	CONCRETE PAVEMENT (CONT REINF - CRCP)(14")	SY	\$ 70.00	6,699	\$ 469,000
4XX	BRIDGES	SF	\$ 70.00	24,979	\$ 1,750,000
4XX	COLUMN SUPPORT UNDERPINNING	EA	\$ 150,000.00	40	\$ 6,000,000
423	RETAINING WALLS (MSE)	SF	\$ 34.00	156,163	\$ 5,310,000
514	PERM CONC TRF BARR (Single Slope)	LF	\$ 50.00	17,440	\$ 872,000
529	CONC CURB & GUTTER (TY II)	LF	\$ 18.50	19,883	\$ 368,000
531	SIDEWALKS (CONC)(6')	LF	\$ 45.00	14,045	\$ 633,000
ITEMIZED COST SUBTOTAL					\$ 25,861,000
PERCENTAGE ITEMS					
		UNIT	PERCENTAGE		COST
100	DEMOLITION	%	5.00%	-	\$ 1,300,000
46X	DRAINAGE	%	6.00%	-	\$ 1,560,000
502	BARRICADES, SIGNS AND TRAFFIC HANDLING	%	8.00%	-	\$ 2,070,000
666	PAVEMENT MARKINGS	%	1.00%	-	\$ 259,000
6XX	SIGNING	%	5.00%	-	\$ 1,300,000
6XX	TRAFFIC SIGNALS & LIGHTING	%	7.50%	-	\$ 1,940,000
	UTILITIES	%	3.0%	-	\$ 776,000
	STRUCTURAL AESTHETICS	%	2.0%	-	\$ 518,000
	MISCELLANEOUS CONSTRUCTION ITEMS	%	20.0%	-	\$ 5,180,000
PERCENTAGE BASED COST SUBTOTAL					\$ 14,903,000
MISCELLANEOUS ITEMS					
		UNIT	UNIT PRICE	QUANTITY	COST
	MOBILIZATION			10%	\$ 4,077,000
					\$ -
					\$ -
MISCELLANEOUS COST SUBTOTAL					\$ 4,077,000
CONSTRUCTION COST SUBTOTAL					\$ 44,841,000
20% CONTINGENCY					\$ 8,970,000
TOTAL CONSTRUCTION COST					\$ 53,811,000
20% has been added to account for miscellaneous items like SW3P, Landscape, Irrigation, Hardscape Items, and Seeding.					
20% contingency was also included to capture cost of construction items not accounted for due to not having detailed plans.					

PROJECT: I-35 CAIP
LIMITS: MLK to south of Holly
CSJ:
SPEC YEAR: 2004
UNIT: ENGLISH

DOWNTOWN - MODIFIED EXISTING

HNTB Corporation

THIS ESTIMATE REPRESENTS OUR JUDGMENT AS PROFESSIONALS FAMILIAR WITH THE CONSTRUCTION INDUSTRY. WE CANNOT AND DO NOT GUARANTEE THAT BIDS WILL NOT VARY FROM THIS ESTIMATE. ESTIMATE IS BASED ON TxDOT 2012/2013 AVERAGE BID PRICES .

DESCRIPTION

Reconstruct frontage roads, main lane bridges and intersections. Construct main lane widening and FTC. Construct Bike and Pedestrian improvements.

I-35 CAIP					
ITEMS	ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	COST
QUANTIFIED ITEMS					
100	PREP ROW	STA	\$ 1,500.00	108	\$ 162,000
110	EXCAVATION	CY	\$ 9.00	85,568	\$ 771,000
132	EMBANKMENT	CY	\$ 9.00	135,328	\$ 1,220,000
260	LIME TREATMENT	SY	\$ 2.00	129,753	\$ 260,000
260	LIME	TON	\$ 145.00	584	\$ 85,000
3224	D - GR HMA (QCQA) TY - A	TON	\$ 70.00	21,976	\$ 1,540,000
3224	D - GR HMA (QCQA) TY - B	TON	\$ 75.00	52,947	\$ 3,980,000
3224	D - GR HMA (QCQA) TY - C	TON	\$ 83.00	17,681	\$ 1,470,000
3224	D - GR HMA (QCQA) TY - C (SURF)	TON	\$ 85.00	11,061	\$ 941,000
360	CONCRETE PAVEMENT (CONT REINF - CRCP)(14")	SY	\$ 70.00	142,083	\$ 9,950,000
4XX	BRIDGES	SF	\$ 70.00	494,371	\$ 34,610,000
423	RETAINING WALLS (MSE)	SF	\$ 34.00	126,271	\$ 4,300,000
514	PERM CONC TRF BARR (Single Slope)	LF	\$ 50.00	43,624	\$ 2,190,000
529	CONC CURB & GUTTER (TY II)	LF	\$ 18.50	27,744	\$ 514,000
531	SIDEWALKS (CONC)(6')	LF	\$ 45.00	13,872	\$ 625,000
ITEMIZED COST SUBTOTAL					\$ 62,618,000
PERCENTAGE ITEMS					
		UNIT	PERCENTAGE		COST
100	DEMOLITION	%	7.50%	-	\$ 4,700,000
46X	DRAINAGE	%	10.00%	-	\$ 6,270,000
502	BARRICADES, SIGNS AND TRAFFIC HANDLING	%	10.00%	-	\$ 6,270,000
666	PAVEMENT MARKINGS	%	2.00%	-	\$ 1,260,000
6XX	SIGNING	%	5.00%	-	\$ 3,140,000
6XX	TRAFFIC SIGNALS & LIGHTING	%	8.00%	-	\$ 5,010,000
	UTILITIES	%	3.0%	-	\$ 1,880,000
	STRUCTURAL AESTHETICS	%	3.0%	-	\$ 1,880,000
	MISCELLANEOUS CONSTRUCTION ITEMS	%	20.0%	-	\$ 12,530,000
PERCENTAGE BASED COST SUBTOTAL					\$ 42,940,000
MISCELLANEOUS ITEMS					
		UNIT	UNIT PRICE	QUANTITY	COST
	MOBILIZATION			11%	\$ 11,612,000
	RIGHT OF WAY	SF	\$ 100.00	11,695	\$ 1,170,000
					\$ -
MISCELLANEOUS COST SUBTOTAL					\$ 12,782,000
CONSTRUCTION COST SUBTOTAL					\$ 118,340,000
20% CONTINGENCY					\$ 23,670,000
TOTAL CONSTRUCTION COST					\$ 142,010,000
20% has been added to acCount for miscellaneous items like SW3P, Landscape, Irrigation, Hardscape Items, and Seeding.					
20% contingency was also included to capture cost of construction items not accounted for due to not having detailed plans.					

PROJECT: I-35 CAIP
LIMITS: SEGMENT 5
CSJ:
SPEC YEAR: 2004
UNIT: ENGLISH

DOWNTOWN - DEPRESSED

HNTB Corporation

THIS ESTIMATE REPRESENTS OUR JUDGMENT AS PROFESSIONALS FAMILIAR WITH THE CONSTRUCTION INDUSTRY. WE CANNOT AND DO NOT GUARANTEE THAT BIDS WILL NOT VARY FROM THIS ESTIMATE. ESTIMATE IS BASED ON TxDOT 2012/2013 AVERAGE BID PRICES .

DESCRIPTION

Reconstruct frontage roads, main lane bridges and intersections. Construct main lane widening and FTC. Construct at grade deck for City streets. Construct Bike and Pedestrian improvements.

I-35 CAIP					
ITEMS	ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	COST
QUANTIFIED ITEMS					
100	PREP ROW	STA	\$ 1,500.00	108	\$ 162,000
110	EXCAVATION	CY	\$ 9.00	1,220,774	\$ 10,990,000
132	EMBANKMENT	CY	\$ 9.00	48,866	\$ 440,000
260	LIME TREATMENT	SY	\$ 2.00	148,370	\$ 297,000
260	LIME	TON	\$ 145.00	668	\$ 97,000
3224	D - GR HMA (QCQA) TY - A	TON	\$ 70.00	33,556	\$ 2,350,000
3224	D - GR HMA (QCQA) TY - B	TON	\$ 75.00	68,666	\$ 5,150,000
3224	D - GR HMA (QCQA) TY - C	TON	\$ 83.00	23,299	\$ 1,940,000
3224	D - GR HMA (QCQA) TY - C (SURF)	TON	\$ 85.00	3,331	\$ 284,000
354	PLAN ASPH CONC PAV (0" TO 2")	SY	\$ 1.75	88,686	\$ 156,000
360	CONCRETE PAVEMENT (CONT REINF - CRCP)(14")	SY	\$ 70.00	173,163	\$ 12,130,000
4XX	BRIDGES - BOX	SF	\$ 120.00	206,958	\$ 24,840,000
400	STRUCTURAL EXCAVATION (BOX)	CY	\$ 10.50	31,754	\$ 334,000
400	CUT AND RESTORING PAVEMENT	SY	\$ 85.00	13,167	\$ 1,120,000
402	TRENCH EXCAVATION PROTECTION	LF	\$ 2.00	5,361	\$ 11,000
403	TEMPORARY SPL SHORING (SOIL/NAIL)	SF	\$ 45.00	316,539	\$ 14,250,000
423	RETAINING WALLS (DRILL SHAFT)	SF	\$ 48.00	282,174	\$ 13,550,000
462	CONC BOX CULV (7 FT X 6 FT)	LF	\$ 415.00	2,022	\$ 840,000
462	CONC BOX CULV (10 FT X 10 FT)	LF	\$ 535.00	2,239	\$ 1,200,000
462	CONC BOX CULV (12 FT X 12 FT)	LF	\$ 800.00	1,230	\$ 984,000
514	PERM CONC TRF BARR (Single Slope)	LF	\$ 50.00	55,364	\$ 2,770,000
529	CONC CURB & GUTTER (TY II)	LF	\$ 18.50	27,656	\$ 512,000
531	SIDEWALKS (CONC)(6')	LF	\$ 45.00	13,828	\$ 623,000
	PUMP STATION 1	EA	\$ 3,110,000.00	1	\$ 3,110,000
	PUMP STATION 2	EA	\$ 5,970,000.00	1	\$ 5,970,000
	PLENUM STRUCTURE	LF	\$ 1,800.00	4,500	\$ 8,100,000
ITEMIZED COST SUBTOTAL					\$ 112,210,000
PERCENTAGE ITEMS					
		UNIT	PERCENTAGE		COST
100	DEMOLITION	%	7.50%	-	\$ 8,420,000
46X	DRAINAGE*	%	10.00%	-	\$ 11,230,000
502	BARRICADES, SIGNS AND TRAFFIC HANDLING	%	10.00%	-	\$ 11,230,000
666	PAVEMENT MARKINGS	%	2.00%	-	\$ 2,250,000
6XX	SIGNING	%	5.00%	-	\$ 5,620,000
6XX	TRAFFIC SIGNALS & LIGHTING	%	8.00%	-	\$ 8,980,000
	UTILITIES	%	3.0%	-	\$ 3,370,000
	UTILITIES - SIDE STREETS **	%	10.0%	-	\$ 11,230,000
	STRUCTURAL AESTHETICS	%	3.0%	-	\$ 3,370,000
	MISCELLANEOUS CONSTRUCTION ITEMS	%	20%	-	\$ 22,450,000
PERCENTAGE BASED COST SUBTOTAL					\$ 88,150,000

PROJECT: I-35 CAIP
LIMITS: SEGMENT 5
CSJ:
SPEC YEAR: 2004
UNIT: ENGLISH

DOWNTOWN - DEPRESSED

HNTB Corporation

THIS ESTIMATE REPRESENTS OUR JUDGMENT AS PROFESSIONALS FAMILIAR WITH THE CONSTRUCTION INDUSTRY. WE CANNOT AND DO NOT GUARANTEE THAT BIDS WILL NOT VARY FROM THIS ESTIMATE. ESTIMATE IS BASED ON TxDOT 2012/2013 AVERAGE BID PRICES .

DESCRIPTION

Reconstruct frontage roads, main lane bridges and intersections. Construct main lane widening and FTC. Construct at grade deck for City streets. Construct Bike and Pedestrian improvements.

I-35 CAIP								
MISCELLANEOUS ITEMS					UNIT	UNIT PRICE	QUANTITY	COST
	MOBILIZATION						11%	\$ 22,040,000
	RIGHT OF WAY		SF	\$ 100.00		11,695		\$ 1,170,000
								\$ -
MISCELLANEOUS COST SUBTOTAL								\$ 23,210,000
CONSTRUCTION COST SUBTOTAL								\$ 223,570,000
20% CONTINGENCY								\$ 44,720,000
TOTAL CONSTRUCTION COST								\$ 268,290,000
DECK PARK ADDITION								
ITEMS	ITEM DESCRIPTION		UNIT	UNIT PRICE	QUANTITY	COST		
QUANTIFIED ITEMS								
	DECK PARK 11th-12th 7th - 6th 4th - Driskill		SF	\$ 471.00	610,406		\$ 287,510,000	
							\$ -	
LID CONSTRUCTION COST SUBTOTAL								\$ 287,510,000
20% CONTINGENCY								\$ 57,510,000
TOTAL CONSTRUCTION COST (WITH LID)								\$ 613,310,000

*For all other storm sewer items other than the inteceptor trunk line.
**Utility adjustments/relocations associated with inteceptor construction on side streets (Percentage cost of side street construction)
20% has been added to account for miscellaneous items like SW3P, Landscape, Irrigation, Hardscape Items, and Seeding.
20% contingency was also included to capture cost of construction items not accounted for due to not having detailed plans.

PROJECT: I-35 CAIP
LIMITS: MLK Blvd Intersection
CSJ:
SPEC YEAR: 2004
UNIT: ENGLISH

CD Road at MLK Blvd

HNTB Corporation

THIS ESTIMATE REPRESENTS OUR JUDGMENT AS PROFESSIONALS FAMILIAR WITH THE CONSTRUCTION INDUSTRY. WE CANNOT AND DO NOT GUARANTEE THAT BIDS WILL NOT VARY FROM THIS ESTIMATE. ESTIMATE IS BASED ON TxDOT 2012/2013 AVERAGE BID PRICES .

DESCRIPTION

Ramp and Collector-Distributor road modifications and improvements.

I-35 CAIP					
ITEMS	ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	COST
QUANTIFIED ITEMS					
100	PREP ROW	STA	\$ 1,500.00	28	\$ 42,000
110	EXCAVATION	CY	\$ 9.00	1,500	\$ 14,000
132	EMBANKMENT	CY	\$ 9.00	1,500	\$ 14,000
260	LIME TREATMENT	SY	\$ 2.00	0	\$ -
260	LIME	TON	\$ 145.00	0	\$ -
3224	D - GR HMA (QCQA) TY - A	TON	\$ 70.00	2,122	\$ 149,000
3224	D - GR HMA (QCQA) TY - B	TON	\$ 75.00	0	\$ -
3224	D - GR HMA (QCQA) TY - C	TON	\$ 83.00	498	\$ 42,000
3224	D - GR HMA (QCQA) TY - C (SURF)	TON	\$ 85.00	0	\$ -
360	CONCRETE PAVEMENT (CONT REINF - CRCP)(14")	SY	\$ 70.00	3,723	\$ 261,000
4XX	BRIDGES	SF	\$ 70.00	0	\$ -
4XX	BRIDGES - RIVER	SF	\$ 88.00	0	\$ -
423	RETAINING WALLS (MSE)	SF	\$ 34.00	0	\$ -
514	PERM CONC TRF BARR (Single Slope)	LF	\$ 50.00	1,100	\$ 55,000
529	CONC CURB & GUTTER (TY II)	LF	\$ 18.50	0	\$ -
531	SIDEWALKS (CONC)(6')	LF	\$ 45.00	0	\$ -
ITEMIZED COST SUBTOTAL					\$ 577,000
PERCENTAGE ITEMS					
		UNIT	PERCENTAGE		COST
100	DEMOLITION	%	20.00%	-	\$ 116,000
46X	DRAINAGE	%	15.00%	-	\$ 87,000
502	BARRICADES, SIGNS AND TRAFFIC HANDLING	%	25.00%	-	\$ 145,000
666	PAVEMENT MARKINGS	%	2.00%	-	\$ 12,000
6XX	SIGNING	%	2.00%	-	\$ 12,000
6XX	TRAFFIC SIGNALS & LIGHTING	%	8.00%	-	\$ 47,000
	UTILITIES	%	0.0%	-	\$ -
	STRUCTURAL AESTHETICS	%	0.0%	-	\$ -
	MISCELLANEOUS CONSTRUCTION ITEMS	%	35.0%	-	\$ 202,000
PERCENTAGE BASED COST SUBTOTAL					\$ 621,000
MISCELLANEOUS ITEMS					
		UNIT	UNIT PRICE	QUANTITY	COST
	MOBILIZATION			10%	\$ 120,000
					\$ -
					\$ -
MISCELLANEOUS COST SUBTOTAL					\$ 120,000
CONSTRUCTION COST SUBTOTAL					\$ 1,318,000
20% CONTINGENCY					\$ 270,000
TOTAL CONSTRUCTION COST					\$ 1,588,000
20% has been added to account for miscellaneous items like SW3P, Landscape, Irrigation, Hardscape Items, and Seeding.					
20% contingency was also included to capture cost of construction items not accounted for due to not having detailed plans.					

PROJECT: I-35 CAIP

RIVERSIDE

LIMITS: South of Holly to Woodland

CSJ:

SPEC YEAR: 2004

UNIT: ENGLISH

HNTB Corporation

THIS ESTIMATE REPRESENTS OUR JUDGMENT AS PROFESSIONALS FAMILIAR WITH THE CONSTRUCTION INDUSTRY. WE CANNOT AND DO NOT GUARANTEE THAT BIDS WILL NOT VARY FROM THIS ESTIMATE. ESTIMATE IS BASED ON TxDOT 2012/2013 AVERAGE BID PRICES .

DESCRIPTION

Reconstruct frontage roads, main lane bridges and intersections. Construct main lane widening and FTC. Construct Bike and Pedestrian improvements including the Woodland bridge.

I-35 CAIP					
ITEMS	ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	COST
QUANTIFIED ITEMS					
100	PREP ROW	STA	\$ 1,500.00	39	\$ 59,000
110	EXCAVATION	CY	\$ 9.00	339,406	\$ 3,060,000
132	EMBANKMENT	CY	\$ 9.00	22,454	\$ 203,000
260	LIME TREATMENT	SY	\$ 2.00	57,360	\$ 115,000
260	LIME	TON	\$ 145.00	258	\$ 38,000
3224	D - GR HMA (QCQA) TY - A	TON	\$ 70.00	27,044	\$ 1,900,000
3224	D - GR HMA (QCQA) TY - B	TON	\$ 75.00	31,466	\$ 2,360,000
3224	D - GR HMA (QCQA) TY - C	TON	\$ 83.00	12,620	\$ 1,050,000
3224	D - GR HMA (QCQA) TY - C (SURF)	TON	\$ 85.00	3,085	\$ 263,000
360	CONCRETE PAVEMENT (CONT REINF - CRCP)(14")	SY	\$ 70.00	81,340	\$ 5,700,000
4XX	BRIDGES	SF	\$ 70.00	87,760	\$ 6,150,000
4XX	BRIDGES - RIVER	SF	\$ 88.00	59,713	\$ 5,260,000
423	RETAINING WALLS (MSE)	SF	\$ 34.00	112,967	\$ 3,850,000
514	PERM CONC TRF BARR (Single Slope)	LF	\$ 50.00	27,784	\$ 1,390,000
529	CONC CURB & GUTTER (TY II)	LF	\$ 18.50	11,188	\$ 207,000
531	SIDEWALKS (CONC)(6')	LF	\$ 45.00	8,950	\$ 403,000
ITEMIZED COST SUBTOTAL					\$ 32,008,000
PERCENTAGE ITEMS					
		UNIT	PERCENTAGE		COST
100	DEMOLITION	%	5.00%	-	\$ 1,610,000
46X	DRAINAGE	%	6.00%	-	\$ 1,930,000
502	BARRICADES, SIGNS AND TRAFFIC HANDLING	%	8.00%	-	\$ 2,570,000
666	PAVEMENT MARKINGS	%	1.00%	-	\$ 321,000
6XX	SIGNING	%	5.00%	-	\$ 1,610,000
6XX	TRAFFIC SIGNALS & LIGHTING	%	7.50%	-	\$ 2,410,000
	UTILITIES	%	3.0%	-	\$ 961,000
	STRUCTURAL AESTHETICS	%	2.0%	-	\$ 641,000
	MISCELLANEOUS CONSTRUCTION ITEMS	%	20.0%	-	\$ 6,410,000
PERCENTAGE BASED COST SUBTOTAL					\$ 18,463,000
MISCELLANEOUS ITEMS					
		UNIT	UNIT PRICE	QUANTITY	COST
	MOBILIZATION			10%	\$ 5,048,000
	RIGHT OF WAY	SF	\$ 100.00	9,692	\$ 970,000
					\$ -
MISCELLANEOUS COST SUBTOTAL					\$ 6,018,000
CONSTRUCTION COST SUBTOTAL					\$ 56,489,000
20% CONTINGENCY					\$ 11,300,000
TOTAL CONSTRUCTION COST					\$ 67,789,000
20% has been added to account for miscellaneous items like SW3P, Landscape, Irrigation, Hardscape Items, and Seeding.					
20% contingency was also included to capture cost of construction items not accounted for due to not having detailed plans.					

PROJECT: I-35 CAIP
LIMITS: Woodland to Woodward
CSJ:
SPEC YEAR: 2004
UNIT: ENGLISH

OLTORF

HNTB Corporation

THIS ESTIMATE REPRESENTS OUR JUDGMENT AS PROFESSIONALS FAMILIAR WITH THE CONSTRUCTION INDUSTRY. WE CANNOT AND DO NOT GUARANTEE THAT BIDS WILL NOT VARY FROM THIS ESTIMATE. ESTIMATE IS BASED ON TxDOT 2012/2013 AVERAGE BID PRICES .

DESCRIPTION

Reconstruct frontage roads, main lane bridges and intersections. Construct main lane widening and FTC. Construct Bike and Pedestrian improvements.

I-35 CAIP					
ITEMS	ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	COST
QUANTIFIED ITEMS					
100	PREP ROW	STA	\$ 1,500.00	69	\$ 104,000
110	EXCAVATION	CY	\$ 9.00	242,936	\$ 2,190,000
132	EMBANKMENT	CY	\$ 9.00	34,497	\$ 311,000
260	LIME TREATMENT	SY	\$ 2.00	131,798	\$ 264,000
260	LIME	TON	\$ 145.00	593	\$ 86,000
3224	D - GR HMA (QCQA) TY - A	TON	\$ 70.00	94,759	\$ 6,640,000
3224	D - GR HMA (QCQA) TY - B	TON	\$ 75.00	58,945	\$ 4,430,000
3224	D - GR HMA (QCQA) TY - C	TON	\$ 83.00	16,291	\$ 1,360,000
3224	D - GR HMA (QCQA) TY - C (SURF)	TON	\$ 85.00	15,350	\$ 1,310,000
360	CONCRETE PAVEMENT (CONT REINF - CRCP)(14")	SY	\$ 70.00	4,229	\$ 297,000
4XX	BRIDGES	SF	\$ 70.00	36,181	\$ 2,540,000
423	RETAINING WALLS (MSE)	SF	\$ 34.00	135,545	\$ 4,610,000
514	PERM CONC TRF BARR (Single Slope)	LF	\$ 50.00	30,111	\$ 1,510,000
529	CONC CURB & GUTTER (TY II)	LF	\$ 18.50	12,728	\$ 236,000
531	SIDEWALKS (CONC)(6')	LF	\$ 45.00	10,182	\$ 459,000
ITEMIZED COST SUBTOTAL					\$ 26,347,000
PERCENTAGE ITEMS					
		UNIT	PERCENTAGE		COST
100	DEMOLITION	%	5.00%	-	\$ 1,320,000
46X	DRAINAGE	%	6.00%	-	\$ 1,590,000
502	BARRICADES, SIGNS AND TRAFFIC HANDLING	%	8.00%	-	\$ 2,110,000
666	PAVEMENT MARKINGS	%	1.00%	-	\$ 264,000
6XX	SIGNING	%	5.00%	-	\$ 1,320,000
6XX	TRAFFIC SIGNALS & LIGHTING	%	8.00%	-	\$ 2,110,000
	UTILITIES	%	3.0%	-	\$ 791,000
	STRUCTURAL AESTHETICS	%	2.0%	-	\$ 527,000
	MISCELLANEOUS CONSTRUCTION ITEMS	%	20.0%	-	\$ 5,270,000
PERCENTAGE BASED COST SUBTOTAL					\$ 15,302,000
MISCELLANEOUS ITEMS					
		UNIT	UNIT PRICE	QUANTITY	COST
	MOBILIZATION			10%	\$ 4,165,000
					\$ -
					\$ -
MISCELLANEOUS COST SUBTOTAL					\$ 4,165,000
CONSTRUCTION COST SUBTOTAL					\$ 45,814,000
20% CONTINGENCY					\$ 9,170,000
TOTAL CONSTRUCTION COST					\$ 54,984,000
20% has been added to account for miscellaneous items like SW3P, Landscape, Irrigation, Hardscape Items, and Seeding.					
20% contingency was also included to capture cost of construction items not accounted for due to not having detailed plans.					

PROJECT: I-35 CAIP
LIMITS: SEGMENT 8 - Onion Creek Parkway
CSJ:
SPEC YEAR: 2004
UNIT: ENGLISH

ATKINS

THIS ESTIMATE REPRESENTS OUR JUDGMENT AS PROFESSIONALS FAMILIAR WITH THE CONSTRUCTION INDUSTRY. WE CANNOT AND DO NOT GUARANTEE THAT BIDS WILL NOT VARY FROM THIS ESTIMATE. ESTIMATE IS BASED ON TxDOT 2012/2013 AVERAGE BID PRICES .

DESCRIPTION

Construct widening of Frontage Roads at Onion Creek Parkway.

I-35 CAIP						
ITEMS	ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	COST	
QUANTIFIED ITEMS						
100	PREP ROW	STA	\$ 1,500.00	0	\$ -	
110	EXCAVATION	CY	\$ 9.00	0	\$ -	
132	EMBANKMENT	CY	\$ 9.00	0	\$ -	
260	LIME TREATMENT	SY	\$ 2.00	0	\$ -	
260	LIME	TON	\$ 145.00	0	\$ -	
3224	D - GR HMA (QCQA) TY - A	TON	\$ 70.00	4,970	\$ 348,000	
3224	D - GR HMA (QCQA) TY - B	TON	\$ 75.00	2,402	\$ 181,000	
3224	D - GR HMA (QCQA) TY - C	TON	\$ 83.00	1,173	\$ 98,000	
3224	D - GR HMA (QCQA) TY - C (SURF)	TON	\$ 85.00	1,146	\$ 98,000	
354	PLAN ASPH CONC PAV (0" TO 2")	SY	\$ 1.75	0	\$ -	
360	CONCRETE PAVEMENT (CONT REINF - CRCP)(14")	SY	\$ 70.00	0	\$ -	
4XX	BRIDGES	SF	\$ 60.00	0	\$ -	
423	RETAINING WALLS (MSE)	SF	\$ 34.00	1,700	\$ 58,000	
514	PERM CONC TRF BARR (Single Slope)	LF	\$ 50.00	0	\$ -	
529	CONC CURB & GUTTER (TY II)	LF	\$ 18.50	0	\$ -	
531	SIDEWALKS (CONC)(6')	LF	\$ 45.00	0	\$ -	
	TOLL EQUIPMENT	MI	\$ 80,000.00	0	\$ -	
	TOLL TRAFFIC MANAGEMENT	MI	\$ 300,000.00	0	\$ -	
	TOLL GANTRIES	EA	\$ 500,000.00	0	\$ -	
ITEMIZED COST SUBTOTAL					\$ 783,000	
PERCENTAGE ITEMS						
100	DEMOLITION	%	2.00%	-	\$ 16,000	
46X	DRAINAGE	%	4.00%	-	\$ 32,000	
502	BARRICADES, SIGNS AND TRAFFIC HANDLING	%	8.00%	-	\$ 63,000	
666	PAVEMENT MARKINGS	%	1.00%	-	\$ 8,000	
6XX	SIGNING	%	3.00%	-	\$ 24,000	
6XX	TRAFFIC SIGNALS & LIGHTING	%	5.00%	-	\$ 40,000	
	UTILITIES	%	3.0%	-	\$ 24,000	
	STRUCTURAL AESTHETICS	%	2.0%	-	\$ 16,000	
	MISCELLANEOUS CONSTRUCTION ITEMS	%	20.0%	-	\$ 157,000	
NON-ITEMIZED COST SUBTOTAL					\$ 380,000	
				MOBILIZATION	10%	\$ 117,000
CONSTRUCTION COST SUBTOTAL					\$ 1,280,000	
20% CONTINGENCY					\$ 260,000	
TOTAL CONSTRUCTION COST					\$ 1,540,000	
20% has been added to account for miscellaneous items like SW3P, Landscape, Irrigation, Hardscape Items, and Seeding.						
20% contingency was also included to capture cost of construction items not accounted for due to not having detailed plans.						

PROJECT: I-35 CAIP
LIMITS: SH 71 TO SH 45S
CSJ:
SPEC YEAR: 2004
UNIT: ENGLISH

FTC - SOUTH

HNTB Corporation

THIS ESTIMATE REPRESENTS OUR JUDGMENT AS PROFESSIONALS FAMILIAR WITH THE CONSTRUCTION INDUSTRY. WE CANNOT AND DO NOT GUARANTEE THAT BIDS WILL NOT VARY FROM THIS ESTIMATE. ESTIMATE IS BASED ON TxDOT 2012/2013 AVERAGE BID PRICES .

DESCRIPTION

Reconstruct bridges, Install turn around bridges, Reconstruct bridges over creek, Improve frontage roads, Reconstruct Ramps, Widen mainlanes to accommodate FTC, Bike and pedestrian improvements

I- 35 CAIP					
ITEMS	ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	COST
QUANTIFIED ITEMS					
100	PREP ROW	STA	\$ 1,500.00	335	\$ 503,000
110	EXCAVATION	CY	\$ 9.00	62,277	\$ 561,000
132	EMBANKMENT	CY	\$ 9.00	47,240	\$ 426,000
260	LIME TREATMENT	SY	\$ 2.00	220,101	\$ 441,000
260	LIME	TON	\$ 145.00	991	\$ 144,000
3224	D - GR HMA (QCQA) TY - A	TON	\$ 70.00	156,077	\$ 10,930,000
3224	D - GR HMA (QCQA) TY - B	TON	\$ 75.00	96,044	\$ 7,210,000
3224	D - GR HMA (QCQA) TY - C	TON	\$ 83.00	26,117	\$ 2,170,000
3224	D - GR HMA (QCQA) TY - C (SURF)	TON	\$ 85.00	53,840	\$ 4,580,000
354	PLAN ASPH CONC PAV (0" TO 2")	SY	\$ 1.75	270,405	\$ 474,000
360	CONCRETE PAVEMENT (CONT REINF - CRCP)(14")	SY	\$ 70.00	5,573	\$ 391,000
4XX	BRIDGES	SF	\$ 70.00	3,839	\$ 269,000
423	RETAINING WALLS (MSE)	SF	\$ 34.00	0	\$ -
514	PERM CONC TRF BARR (Single Slope)	LF	\$ 50.00	107,338	\$ 5,370,000
529	CONC CURB & GUTTER (TY II)	LF	\$ 18.50	11,514	\$ 214,000
531	SIDEWALKS (CONC)(6')	LF	\$ 45.00	101,870	\$ 4,590,000
	TOLL EQUIPMENT	MI	\$ 80,000.00	17	\$ 1,390,000
	TOLL TRAFFIC MANAGEMENT	MI	\$ 300,000.00	9	\$ 2,600,000
	TOLL GANTRIES	EA	\$ 500,000.00	9	\$ 4,500,000
ITEMIZED COST SUBTOTAL					\$ 46,763,000
PERCENTAGE ITEMS					
		UNIT	PERCENTAGE		COST
100	DEMOLITION	%	5.00%	-	\$ 2,340,000
46X	DRAINAGE	%	6.00%	-	\$ 2,810,000
502	BARRICADES, SIGNS AND TRAFFIC HANDLING	%	8.00%	-	\$ 3,750,000
666	PAVEMENT MARKINGS	%	1.00%	-	\$ 468,000
6XX	SIGNING	%	5.00%	-	\$ 2,340,000
6XX	TRAFFIC SIGNALS & LIGHTING	%	7.50%	-	\$ 3,510,000
	UTILITIES	%	3.0%	-	\$ 1,410,000
	STRUCTURAL AESTHETICS	%	2.0%	-	\$ 936,000
	MISCELLANEOUS CONSTRUCTION ITEMS	%	20.0%	-	\$ 9,360,000
PERCENTAGE BASED COST SUBTOTAL					\$ 26,924,000
				MOBILIZATION	10% \$ 7,369,000
CONSTRUCTION COST SUBTOTAL					\$ 81,056,000
20% CONTINGENCY					\$ 16,220,000
TOTAL CONSTRUCTION COST					\$ 97,276,000
20% has been added to account for miscellaneous items like SW3P, Landscape, Irrigation, Hardscape Items, and Seeding.					
20% contingency was also included to capture cost of construction items not accounted for due to not having detailed plans.					