



CONSTRUCTION COST ESTIMATE

Date Prepared

9/14/2020

SHEET 1 OF 6

Hoit Whitney Intersection Improvements - ESTIMATE SUMMARY

VHB PROJECT NO.

52430.16

LOCATION :

CONCORD, NEW HAMPSHIRE

DEPARTMENT

HIGHWAY

ESTIMATOR :

VHB

CHECKED BY :

G. Bakos

BASIS FOR ESTIMATE :

 PRE-PRELIMINARY PRELIMINARY SLOPE & DRAIN PRELIMINARY PS+E FINAL PS+E OTHER :

ITEM NO.	DESCRIPTION	TOTAL COST
1	HOIT-WHITNEY ROUNDABOUT AND APPROACHES	\$1,550,000.00
2	WHITNEY AVE SITE ENTRANCE ROUNDABOUT	\$690,000.00
3	HANNAH DUSTIN DRIVE MEDIAN AND LEFT TURN LANE	\$460,000.00
4	EXIT 17 RELATED IMPROVEMENTS	\$750,000.00
5	PEDESTRIAN IMPROVEMENTS	\$320,000.00
	CONSTRUCTION SUBTOTAL =	\$3,770,000.00
	CONSTRUCTION ENGINEERING, INSPECTION AND TESTING (est.)	\$210,000.00
	TOTAL OF THE ABOVE IMPROVEMENTS =	\$3,980,000.00



CONSTRUCTION COST ESTIMATE

Date Prepared

8/26/2020

SHEET 2 OF 6

BASIS FOR ESTIMATE :

- PRE-PRELIMINARY
 PRELIMINARY
 SLOPE & DRAIN
 PRELIMINARY PS+E
 FINAL PS+E
 OTHER :

Hoit Whitney Intersection Improvements, Hoit Whitney Roundabout

VHB PROJECT NO.

52430-15

LOCATION :

CONCORD, NEW HAMPSHIRE

DEPARTMENT

HIGHWAY

ESTIMATOR :

VHB

CHECKED BY :

G. Bakos

ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	TOTAL COST
201.1	CLEARING AND GRUBBING (F)	A	\$9,000.00	0.6	\$5,400.00
203.1	COMMON EXCAVATION	CY	\$10.00	4,600	\$46,000.00
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	\$20.00	180	\$3,600.00
203.2	ROCK EXCAVATION	CY	\$100.00	230	\$23,000.00
203.6	EMBANKMENT-IN-PLACE (F)	CY	\$10.00	5,000	\$50,000.00
214	FINE GRADING	SY	\$2.00	5,920	\$11,840.00
304.2	GRAVEL (F)	CY	\$34.00	2,300	\$78,200.00
304.4	CRUSHED STONE, FINE GRADATION (F)	CY	\$36.00	2,000	\$72,000.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	\$100.00	2,400	\$240,000.00
417	COLD PLANING BITUMINOUS SURFACES	SY	\$3.00	740	\$2,220.00
585.2	STONE FILL, CLASS B	CY	\$40.00	700	\$28,000.00
593.411	GEOTEXTILE; PERM CONTROL CL.1, NON-WOVEN	SY	\$2.00	1,100	\$2,200.00
603.00215	15" R.C. PIPE, 2000D	LF	\$55.00	44	\$2,420.00
603.00218	18" R.C. PIPE, 2000D	LF	\$68.00	577	\$39,236.00
603.00224	24" R.C. PIPE, 2000D	LF	\$75.00	230	\$17,250.00
603.34115	15" STEEL END SECTIONS	EA	\$270.00	1	\$270.00
603.34124	24" STEEL END SECTIONS	EA	\$450.00	2	\$900.00
603.34130	30" STEEL END SECTIONS	EA	\$600.00	1	\$600.00
603.82215	15" PE PIPE (TYPE S)	LF	\$50.00	140	\$7,000.00
603.82218	18" PE PIPE (TYPE S)	LF	\$52.00	131	\$6,812.00
603.82224	24" PE PIPE (TYPE S)	LF	\$56.00	56	\$3,136.00
604.124	CATCH BASINS TYPE B, 4-FOOT DIAMETER	U	\$2,400.00	11	\$26,400.00
604.324	DRAINAGE MANHOLES, 4-FOOT DIAMETER	U	\$2,900.00	2	\$5,800.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	\$35.00	0	\$0.00
608.24	4" CONCRETE SIDEWALK (F)	SY	\$50.00	595	\$29,750.00
608.38	8" REINFORCED CONCRETE SIDEWALK (F)	SY	\$75.00	581	\$43,575.00
609.01	STRAIGHT GRANITE CURB	LF	\$40.00	2,000	\$80,000.00
609.01123	STRAIGHT GRANITE CURB, 12" HIGH WITH 3" BEVELED MOUNTABLE EDGE	LF	\$44.00	520	\$22,880.00
609.01187	STRAIGHT GRANITE CURB, 18" HIGH WITH 3" ROUNDED EDGE	LF	\$44.00	500	\$22,000.00
614.511	CONCRETE PULL BOX 14-INCH	EA	\$500.00	4	\$2,000.00
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	\$7.00	1,090	\$7,630.00
615.01	TRAFFIC SIGN TYPE A	SF	\$100.00	410	\$41,000.00
615.023	REMOVING TRAFFIC SIGN TYPE B	U	\$400.00	3	\$1,200.00
615.024	RELOCATING TRAFFIC SIGN TYPE B	U	\$750.00	1	\$750.00
615.03	TRAFFIC SIGN TYPE C	SF	\$50.00	327	\$16,350.00
615.033	REMOVING TRAFFIC SIGN TYPE C	U	\$50.00	4	\$200.00
615.034	RELOCATING TRAFFIC SIGN TYPE C	U	\$200.00	2	\$400.00
615.05	TRAFFIC SIGN TYPE BB	SF	\$35.00	50	\$1,750.00
615.06	TRAFFIC SIGN TYPE CC	SF	\$30.00	54	\$1,620.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	\$1.00	50,000	\$50,000.00
618.7	FLAGGERS	HR	\$25.00	320	\$8,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	\$5,000.00	0.5	\$2,500.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	\$4,000.00	0.5	\$2,000.00
625.525	STREET LIGHTS INCLUDING POLES, FOUNDATIONS AND LUMINAIRES	EA	\$7,500.00	13	\$97,500.00



CONSTRUCTION COST ESTIMATE

Date Prepared
8/26/2020

SHEET 2 OF 6

BASIS FOR ESTIMATE :

- PRE-PRELIMINARY
- PRELIMINARY
- SLOPE & DRAIN
- PRELIMINARY PS+E
- FINAL PS+E
- OTHER: _____

Hoit Whitney Intersection Improvements, Hoit Whitney Roundabout

VHB PROJECT NO.
52430-15

LOCATION :
CONCORD, NEW HAMPSHIRE

DEPARTMENT
HIGHWAY

ESTIMATOR :
VHB

CHECKED BY :
G. Bakos

ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	TOTAL COST
645.531	SILT FENCE	LF	\$2.75	1,400	\$3,850.00
646.51	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND LOAM	SY	\$9.00	2,710	\$24,390.00
698.12	FIELD OFFICE TYPE B	MON	\$2,000.00	2.5	\$5,000.00
	STORMWATER DETENTION POND	LS	\$40,000.00	1	\$40,000.00
	CONSTRUCTION SUBTOTAL				\$1,126,229.00
	MOBILAZATION (5%)				\$56,312.00
	MAINTENANCE OF TRAFFIC (10%)				\$112,623.00
	CONSTRUCTION TOTAL				\$1,295,164.00
	MISCELLANEOUS ITEMS & CONTINGENCY (20%)				\$259,033.00
	CONSTRUCTION ESTIMATE TOTAL =				\$1,550,000.00



CONSTRUCTION COST ESTIMATE

Date Prepared
8/26/2020

SHEET 1 OF 6

Hoit Whitney Intersection Improvements, Whitney RoundaboutVHB PROJECT NO.
52430-15LOCATION :
CONCORD, NEW HAMPSHIREDEPARTMENT
HIGHWAYESTIMATOR :
VHBCHECKED BY :
G. Bakos**BASIS FOR ESTIMATE :**

- PRE-PRELIMINARY
 PRELIMINARY
 SLOPE & DRAIN
 PRELIMINARY PS+E
 FINAL PS+E
 OTHER :

ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	TOTAL COST
201.1	CLEARING AND GRUBBING (F)	A	\$9,000.00	0.30	\$2,700.00
203.1	COMMON EXCAVATION	CY	\$10.00	1,750	\$17,500.00
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	LF	\$20.00	150	\$3,000.00
203.2	ROCK EXCAVATION	CY	\$100.00	18	\$1,750.00
203.6	EMBANKMENT-IN-PLACE (F)	CY	\$10.00	700	\$7,000.00
214	FINE GRADING	SY	\$2.00	2,510	\$5,020.00
304.2	GRAVEL (F)	CY	\$34.00	600	\$20,400.00
304.4	CRUSHED STONE, FINE GRADATION (F)	CY	\$36.00	700	\$25,200.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	\$100.00	850	\$85,000.00
417	COLD PLANING BITUMINOUS SURFACES	SY	\$3.00	1,170	\$3,510.00
585.2	STONE FILL, CLASS B	CY	\$40.00	400	\$16,000.00
593.411	GEOTEXTILE; PERM CONTROL CL.1, NON-WOVEN	SY	\$2.00	700	\$1,400.00
603.00215	15" R.C. PIPE, 2000D	LF	\$55.00	65	\$3,575.00
603.00218	18" R.C. PIPE, 2000D	LF	\$68.00	251	\$17,068.00
603.00224	24" R.C. PIPE, 2000D	LF	\$75.00	66	\$4,950.00
603.34115	15" STEEL END SECTIONS	EA	\$270.00	2	\$540.00
603.34130	30" STEEL END SECTIONS	EA	\$600.00	2	\$1,200.00
603.81106	6" PVC PIPE	LF	\$35.00	10	\$350.00
603.82212	12" PE PIPE (TYPE S)	LF	\$48.00	10	\$480.00
603.82215	15" PE PIPE (TYPE S)	LF	\$50.00	12	\$600.00
603.82224	24" PE PIPE (TYPE S)	LF	\$56.00	48	\$2,688.00
604.124	CATCH BASINS TYPE B, 4-FOOT DIAMETER	U	\$2,400.00	5	\$12,000.00
604.324	DRAINAGE MANHOLES, 4-FOOT DIAMETER	U	\$2,900.00	3	\$8,700.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	\$400.00	3	\$1,200.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	\$35.00	275	\$9,625.00
608.24	4" CONCRETE SIDEWALK (F)	SY	\$50.00	150	\$7,500.00
608.38	8" REINFORCED CONCRETE SIDEWALK (F)	SY	\$75.00	349	\$26,175.00
609.01	STRAIGHT GRANITE CURB	LF	\$40.00	1,240	\$49,600.00
609.01123	STRAIGHT GRANITE CURB, 12" HIGH WITH 3" BEVELED MOUNTABLE EDGE	LF	\$44.00	260	\$11,440.00
609.01187	STRAIGHT GRANITE CURB, 18" HIGH WITH 3" ROUNDED EDGE	LF	\$44.00	440	\$19,360.00
614.511	CONCRETE PULL BOX 14-INCH	EA	\$500.00	9	\$4,500.00
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	\$7.00	750	\$5,250.00
615.03	TRAFFIC SIGN TYPE C	SF	\$50.00	141	\$7,050.00
615.033	REMOVING TRAFFIC SIGN TYPE C	U	\$50.00	7	\$350.00
615.05	TRAFFIC SIGN TYPE BB	SF	\$35.00	50	\$1,750.00
615.06	TRAFFIC SIGN TYPE CC	SF	\$30.00	54	\$1,620.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	\$1.00	25,000	\$25,000.00
618.7	FLAGGERS	HR	\$25.00	320	\$8,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	\$5,000.00	0.5	\$2,500.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	\$4,000.00	0.5	\$2,000.00
625.525	STREET LIGHTS INCLUDING POLES, FOUNDATIONS AND LUMINAIRES	EA	\$7,500.00	9	\$67,500.00
645.531	SILT FENCE	LF	\$2.75	975	\$2,681.25
646.51	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND LOAM	SY	\$9.00	1,200	\$10,800.00
698.12	FIELD OFFICE TYPE B	MON	\$2,000.00	2.5	\$5,000.00



CONSTRUCTION COST ESTIMATE

Date Prepared
8/26/2020

SHEET 1 OF 6

Hoit Whitney Intersection Improvements, Whitney Roundabout

VHB PROJECT NO.
52430-15

LOCATION :
CONCORD, NEW HAMPSHIRE

DEPARTMENT
HIGHWAY

BASIS FOR ESTIMATE :

- PRE-PRELIMINARY
- PRELIMINARY
- SLOPE & DRAIN
- PRELIMINARY PS+E
- FINAL PS+E
- OTHER : _____

ESTIMATOR :
VHB

CHECKED BY :
G. Bakos

ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	TOTAL COST
	CONSTRUCTION SUBTOTAL				\$501,832.25
	MOBILAZATION (5%)				\$25,092.00
	MAINTENANCE OF TRAFFIC (10%)				\$50,184.00
	CONSTRUCTION TOTAL				\$577,108.25
	MISCELLANEOUS ITEMS & CONTINGENCY (20%)				\$115,422.00
CONSTRUCTION ESTIMATE TOTAL =					\$690,000.00



CONSTRUCTION COST ESTIMATE

Date Prepared

8/26/2020

SHEET 1 OF 6

Hoit Whitney Intersection Improvements, Hannah Dustin Dr Left Turn Pocket

BASIS FOR ESTIMATE :

- PRE-PRELIMINARY
 PRELIMINARY
 SLOPE & DRAIN
 PRELIMINARY PS+E
 FINAL PS+E
 OTHER :

VHB PROJECT NO.

52430-15

LOCATION :

CONCORD, NEW HAMPSHIRE

DEPARTMENT

HIGHWAY

ESTIMATOR :

VHB

CHECKED BY :

G. Bakos

ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	TOTAL COST
201.1	CLEARING AND GRUBBING (F)	A	\$9,000.00	0.10	\$900.00
203.1	COMMON EXCAVATION	CY	\$10.00	1,900	\$19,000.00
203.6	EMBANKMENT-IN-PLACE (F)	CY	\$10.00	100	\$1,000.00
214	FINE GRADING	SY	\$2.00	850	\$1,700.00
304.2	GRAVEL (F)	CY	\$34.00	200	\$6,800.00
304.4	CRUSHED STONE, FINE GRADATION (F)	CY	\$36.00	200	\$7,200.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	\$100.00	500	\$50,000.00
417	COLD PLANING BITUMINOUS SURFACES	SY	\$3.00	4,670	\$14,010.00
603.00218	18" R.C. PIPE, 2000D	LF	\$68.00	532	\$36,176.00
603.82218	18" PE PIPE (TYPE S)	LF	\$52.00	260	\$13,520.00
604.124	CATCH BASINS TYPE B, 4-FOOT DIAMETER	U	\$2,400.00	5	\$12,000.00
604.324	DRAINAGE MANHOLES, 4-FOOT DIAMETER	U	\$2,900.00	3	\$8,700.00
608.24	4" CONCRETE SIDEWALK (F)	SY	\$60.00	579	\$34,740.00
609.01	STRAIGHT GRANITE CURB	LF	\$40.00	1,010	\$40,400.00
614.511	CONCRETE PULL BOX 14-INCH	EA	\$500.00	1	\$500.00
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	\$7.00	310	\$2,170.00
615.01	TRAFFIC SIGN TYPE A	SF	\$100.00	85	\$8,500.00
615.02	TRAFFIC SIGN TYPE B	SF	\$75.00	15	\$1,125.00
615.03	TRAFFIC SIGN TYPE C	SF	\$50.00	120	\$6,000.00
615.033	REMOVING TRAFFIC SIGN TYPE C	U	\$50.00	3	\$150.00
615.034	RELOCATING TRAFFIC SIGN TYPE C	U	\$200.00	1	\$200.00
615.05	TRAFFIC SIGN TYPE BB	SF	\$35.00	50	\$1,750.00
615.06	TRAFFIC SIGN TYPE CC	SF	\$30.00	52	\$1,560.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	\$1.00	25,000	\$25,000.00
618.7	FLAGGERS	HR	\$25.00	320	\$8,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	\$5,000.00	0.5	\$2,500.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	\$4,000.00	0.5	\$2,000.00
625.525	STREET LIGHTS INCLUDING POLES, FOUNDATIONS AND LUMINAIRES	EA	\$7,500.00	2	\$15,000.00
645.531	SILT FENCE	LF	\$2.75	750	\$2,062.50
646.51	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND LOAM	SY	\$9.00	1,200	\$10,800.00
698.12	FIELD OFFICE TYPE B	MON	\$2,000.00	2.5	\$5,000.00
	CONSTRUCTION SUBTOTAL				\$332,563.50
	MOBILAZATION (5%)				\$16,629.00
	MAINTENANCE OF TRAFFIC (10%)				\$33,257.00
	CONSTRUCTION TOTAL				\$382,449.50
	MISCELLANEOUS ITEMS & CONTINGENCY (20%)				\$76,490.00
	CONSTRUCTION ESTIMATE TOTAL =				\$460,000.00



CONSTRUCTION COST ESTIMATE

Date Prepared

8/26/2020

SHEET 1 OF 6

Hoit Whitney Intersection Improvements, Exit 17 Improvements

VHB PROJECT NO.

52430-15

LOCATION :

CONCORD, NEW HAMPSHIRE

DEPARTMENT

HIGHWAY

ESTIMATOR :

VHB

CHECKED BY :

G. Bakos

BASIS FOR ESTIMATE :

- PRE-PRELIMINARY
 PRELIMINARY
 SLOPE & DRAIN
 PRELIMINARY PS+E
 FINAL PS+E
 OTHER :

ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	TOTAL COST
202.6	CURB REMOVAL FOR SALVAGE	LF	\$4.50	2,200	\$9,900.00
202.7	REMOVAL OF GUARDRAIL	LF	\$2.00	800	\$1,600.00
203.1	COMMON EXCAVATION	CY	\$10.00	1,300	\$13,000.00
203.6	EMBANKMENT-IN-PLACE (F)	CY	\$10.00	1,725	\$17,250.00
214	FINE GRADING	SY	\$2.00	2,090	\$4,180.00
301.1	SAND (F)	CY	\$30.00	600	\$18,000.00
304.4	CRUSHED STONE, FINE GRADATION (F)	CY	\$36.00	600	\$21,600.00
304.5	CRUSHED STONE, COARSE GRADATION (F)	CY	\$34.00	600	\$20,400.00
306.206	RECLAIMED STABILIZED BASE REMOVED AND REHANDLED, 6 IN DEEP	SY	\$5.00	2,200	\$11,000.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	\$100.00	1,700	\$170,000.00
417	COLD PLANING BITUMINOUS SURFACES	SY	\$3.00	7,260	\$21,780.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	\$2,000.00	1	\$2,000.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	\$35.00	100	\$3,500.00
603.00218	18" R.C. PIPE, 2000D	LF	\$68.00	166	\$11,288.00
603.34115	15" STEEL END SECTIONS	EA	\$270.00	2	\$540.00
603.34124	24" STEEL END SECTIONS	EA	\$450.00	2	\$900.00
603.82215	15" PE PIPE (TYPE S)	LF	\$50.00	138	\$6,900.00
604.124	CATCH BASINS TYPE B, 4-FOOT DIAMETER	U	\$2,400.00	2	\$4,800.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	\$400.00	5	\$2,000.00
609.214	STRAIGHT GRANITE SLOPE CURB, 4" HIGH	LF	\$25.00	830	\$20,750.00
614.511	CONCRETE PULL BOX 14-INCH	EA	\$500.00	3	\$1,500.00
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	\$7.00	1,150	\$8,050.00
615.01	TRAFFIC SIGN TYPE A	SF	\$100.00	332	\$33,200.00
615.023	REMOVING TRAFFIC SIGN TYPE B	U	\$400.00	4	\$1,600.00
615.024	RELOCATING TRAFFIC SIGN TYPE B	U	\$750.00	3	\$2,250.00
615.03	TRAFFIC SIGN TYPE C	SF	\$50.00	140	\$7,000.00
615.033	REMOVING TRAFFIC SIGN TYPE C	U	\$50.00	5	\$250.00
615.05	TRAFFIC SIGN TYPE BB	SF	\$35.00	50	\$1,750.00
615.06	TRAFFIC SIGN TYPE CC	SF	\$30.00	60	\$1,800.00
615.20001	CANTILEVER TRAFFIC SIGN STRUCTURE	U	\$40,000.00	1	\$40,000.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	\$1.00	25,000	\$25,000.00
618.7	FLAGGERS	HR	\$25.00	320	\$8,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	\$5,000.00	0.5	\$2,500.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	\$4,000.00	0.5	\$2,000.00
625.525	STREET LIGHTS INCLUDING POLES, FOUNDATIONS AND LUMINAIRES	EA	\$7,500.00	3	\$22,500.00
646.51	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND LOAM	SY	\$9.00	3,000	\$27,000.00
698.12	FIELD OFFICE TYPE B	MON	\$2,000.00	2.5	\$5,000.00
	CONSTRUCTION SUBTOTAL				\$545,788.00
	MOBILAZATION (5%)				\$27,290.00
	MAINTENANCE OF TRAFFIC (10%)				\$54,579.00
	CONSTRUCTION TOTAL				\$627,657.00
	MISCELLANEOUS ITEMS & CONTINGENCY (20%)				\$125,532.00
	CONSTRUCTION ESTIMATE TOTAL =				\$750,000.00



CONSTRUCTION COST ESTIMATE

Date Prepared

9/14/2020

SHEET 1 OF 6

BASIS FOR ESTIMATE :

- PRE-PRELIMINARY
 PRELIMINARY
 SLOPE & DRAIN
 PRELIMINARY PS+E
 FINAL PS+E
 OTHER : _____

Hoit Whitney Intersection Improvements, Pedestrian Improvements

VHB PROJECT NO.

52430-15

LOCATION :

CONCORD, NEW HAMPSHIRE

DEPARTMENT

HIGHWAY

ESTIMATOR :

VHB

CHECKED BY :

G. Bakos

ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	TOTAL COST
203.1	COMMON EXCAVATION	CY	\$10.00	500	\$5,000.00
203.2	ROCK EXCAVATION	CY	\$100.00	5	\$500.00
203.6	EMBANKMENT-IN-PLACE (F)	CY	\$10.00	2,800	\$28,000.00
214	FINE GRADING	SY	\$2.00	0	\$0.00
304.4	CRUSHED STONE, FINE GRADATION (F)	CY	\$36.00	250	\$9,000.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	\$2,000.00	1	\$2,000.00
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	\$35.00	1,113	\$38,937.50
608.13	3" BITUMINOUS SIDEWALK (F)	SY	\$50.00	1,400	\$70,000.00
614.511	CONCRETE PULL BOX 14-INCH	EA	\$500.00	6	\$3,000.00
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	\$7.00	400	\$2,800.00
614.73118	3" PVC CONDUIT, SCHEDULE 80	LF	\$15.00	300	\$4,500.00
616.3102	PEDESTRIAN HYBRID BEACON (WEST LEG)	U	\$87,000.00	1	\$87,000.00
646.51	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND LOAM	SY	\$9.00	440	\$3,960.00
	CONSTRUCTION SUBTOTAL				\$254,697.50
	MOBILAZATION (5%)				\$12,735.00
	CONSTRUCTION TOTAL				\$267,432.50
	MISCELLANEOUS ITEMS & CONTINGENCY (20%)				\$53,487.00
	CONSTRUCTION ESTIMATE TOTAL =				\$320,000.00