

**BID
TAB****DWIGHT ROAD
CORRIDOR
IMPROVEMENTS
April 12, 2018 at 1:30pm**Morais Concrete Service
Springfield, MAGomes Construction Co.
Ludlow, MA

<u>ITEM</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>UOM</u>	<u>Unit Price</u>	<u>Total</u>	<u>Unit Price</u>	<u>Total</u>
101	clearing & grubbing	0.14	a	\$30,000.00	\$4,200.00	\$15,000.00	\$2,100.00
102.1	Tree trimming	250	ft	\$10.00	\$2,500.00	\$10.00	\$2,500.00
102.3	Shrub Trimming	100	ft	\$7.00	\$700.00	\$10.00	\$1,000.00
102.5	Roadside Tree Protection	7	ea	\$150.00	\$1,050.00	\$200.00	\$1,400.00
103	Tree removed diameter unde	10	ea	\$800.00	\$8,000.00	\$850.00	\$8,500.00
120	Earth excavation	5300	ct	\$18.00	\$95,400.00	\$20.00	\$106,000.00
121	class A rock excavation	140	cy	\$1.00	\$140.00	\$10.00	\$1,400.00
129	Pavement milling	11550	sy	\$4.00	\$46,200.00	\$3.50	\$40,425.00
141.1	Test pit for exploration	50	cy	\$75.00	\$3,750.00	\$10.00	\$500.00
144	Class B Rock excavation	5	cy	\$125.00	\$625.00	\$50.00	\$250.00
146	drainage structure removed	8	ea	\$500.00	\$4,000.00	\$350.00	\$2,800.00
151	gravel borrow	2400	cy	\$25.00	\$60,000.00	\$25.00	\$60,000.00
153	controlled density fill excav	140	cy	\$120.00	\$16,800.00	\$80.00	\$11,200.00
156	crushed stone	80	ton	\$55.00	\$4,400.00	\$40.00	\$3,200.00
170	fine grading and compaction	8500	sy	\$3.50	\$29,750.00	\$2.00	\$17,000.00
201	catch basin	23	ea	\$2,800.00	\$64,400.00	\$3,200.00	\$73,600.00
201.1	Offset catch basin	1	ea	\$3,500.00	\$3,500.00	\$3,200.00	\$3,200.00
202	manhole	4	ea	\$2,900.00	\$11,600.00	\$3,600.00	\$14,400.00
204	gutter inlet	2	ea	\$1,500.00	\$3,000.00	\$1,800.00	\$3,600.00
220	drainage structure adjusted	9	ea	\$350.00	\$3,150.00	\$375.00	\$3,375.00
220.3	dainage structure change in	6	ea	\$950.00	\$5,700.00	\$900.00	\$5,400.00
220.5	drainage structure remodel	1	ea	\$850.00	\$850.00	\$750.00	\$750.00
220.7	sanitary structure adjusted	9	ea	\$350.00	\$3,150.00	\$375.00	\$3,375.00
221	frame and cover	13	ea	\$750.00	\$9,750.00	\$750.00	\$9,750.00
222.1	frame and grate massdot cas	25	ea	\$825.00	\$20,625.00	\$875.00	\$21,875.00
223.1	frame and grate (or cover) re	21	ea	\$125.00	\$2,625.00	\$50.00	\$1,050.00
227.3	removal of drange structure	10	cy	\$200.00	\$2,000.00	\$100.00	\$1,000.00
227.31	Removal of drange pipe se	100	ft	\$10.00	\$1,000.00	\$20.00	\$2,000.00
241.12	12" reinforced concrete pip	470	ft	\$65.00	\$30,550.00	\$60.00	\$28,200.00
303.06	6" ductile iron water pipe (n	20	ft	\$120.00	\$2,400.00	\$100.00	\$2,000.00
309	Ductile iron fittings for wate	200	lb	\$5.00	\$1,000.00	\$5.00	\$1,000.00
347.075	3/4" copper tubing type K	40	ft	\$65.00	\$2,600.00	\$60.00	\$2,400.00
347.1	1" copper tubing type K	20	ft	\$70.00	\$1,400.00	\$60.00	\$1,200.00
350.06	6" gate and gate box	1	ea	\$1,500.00	\$1,500.00	\$1,200.00	\$1,200.00
358	gate box adjusted	10	ea	\$150.00	\$1,500.00	\$150.00	\$1,500.00
358.1	gate box removed and stack	1	ea	\$100.00	\$100.00	\$50.00	\$50.00
363.075	3/4" corporation cork	1	ea	\$600.00	\$600.00	\$500.00	\$500.00
363.1	1" corporation cork	1	ea	\$700.00	\$700.00	\$500.00	\$500.00

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TAB****DWIGHT ROAD
CORRIDOR
IMPROVEMENTS
April 12, 2018 at 1:30pm**Morais Concrete Service
Springfield, MAGomes Construction Co.
Ludlow, MA

<u>ITEM</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>UOM</u>	<u>Unit Price</u>	<u>Total</u>	<u>Unit Price</u>	<u>Total</u>
370.4	12x6" tapping sleeve valve	1	ea	\$4,500.00	\$4,500.00	\$4,500.00	\$4,500.00
376.2	hydrant removed & reset	2	ea	\$2,500.00	\$5,000.00	\$2,500.00	\$5,000.00
384.2	curb stop adjusted	2	ea	\$150.00	\$300.00	\$750.00	\$1,500.00
402	dense graded crushed stone	720	cy	\$45.00	\$32,400.00	\$42.00	\$30,240.00
430	cement concrete base course	380	sy	\$50.00	\$19,000.00	\$60.00	\$22,800.00
440	calcium chloride for roadway	26970	lb	\$0.01	\$269.70	\$0.10	\$2,697.00
443	water for roadway dust control	27	gl	\$10.00	\$270.00	\$10.00	\$270.00
450.9	contractor quality control	4740	ton	\$3.00	\$14,220.00	\$1.25	\$5,925.00
451	hma for patching	90	ton	\$150.00	\$13,500.00	\$180.00	\$16,200.00
452	asphalt emulsion for tack coat	2300	gal	\$7.00	\$16,100.00	\$6.00	\$13,800.00
453	hma joint sealant	8050	ft	\$1.00	\$8,050.00	\$0.30	\$2,415.00
455.22	Superpave surface course 9.5	1540	tn	\$76.00	\$117,040.00	\$80.00	\$123,200.00
455.31	superpave intermediate course	2060	tn	\$72.00	\$148,320.00	\$77.00	\$158,620.00
455.42	superpave base course, 37.5	1160	tn	\$90.00	\$104,400.00	\$77.00	\$89,320.00
472	hot mix asphalt for misc work	105	tn	\$165.00	\$17,325.00	\$180.00	\$18,900.00
506	granite curb type vb straight	2300	ft	\$35.00	\$80,500.00	\$34.00	\$78,200.00
506.1	granite curbe thype vb - curve	825	ft	\$45.00	\$37,125.00	\$42.00	\$34,650.00
509	granite transition curbe for w	40	ft	\$45.00	\$1,800.00	\$42.00	\$1,680.00
509.1	granite trnsition curbe for w	100	ft	\$55.00	\$5,500.00	\$46.00	\$4,600.00
514	Granite curb inlet straight	12	ea	\$400.00	\$4,800.00	\$400.00	\$4,800.00
515	granite curb inlest curved	7	ea	\$500.00	\$3,500.00	\$475.00	\$3,325.00
517	granite curb corner type c	8	ea	\$275.00	\$2,200.00	\$300.00	\$2,400.00
570.2	Hot mix asphalt curbe type vb	1600	ft	\$5.00	\$8,000.00	\$6.00	\$9,600.00
590	Curbe removed and stacked	500	ft	\$1.00	\$500.00	\$5.00	\$2,500.00
592	Curb corner removed and stacked	2	ea	\$10.00	\$20.00	\$50.00	\$100.00
669	Fence removed and stacked	60	ft	\$10.00	\$600.00	\$10.00	\$600.00
697	Sedimentation fence	550	ft	\$4.00	\$2,200.00	\$5.00	\$2,750.00
701	Cement concrete sidewalk	1380	sy	\$50.00	\$69,000.00	\$50.00	\$69,000.00
701.1	Cement concrete sidewalk a	40	sy	\$70.00	\$2,800.00	\$60.00	\$2,400.00
701.2	Cement concrete wheelchair	130	sy	\$95.00	\$12,350.00	\$120.00	\$15,600.00
703	hot mix asphalt driveway	50	ton	\$150.00	\$7,500.00	\$200.00	\$10,000.00
710.4	bound - plain granite	5	ea	\$550.00	\$2,750.00	\$475.00	\$2,375.00
711	Bound removed & reset	3	ea	\$450.00	\$1,350.00	\$400.00	\$1,200.00
748	Mobilization	1	ls	\$85,000.00	\$85,000.00		\$0.00
751	Laom borrow	400	cy	\$45.00	\$18,000.00	\$35.00	\$14,000.00
756	NPDES Stormwater Pollution	1	ls	\$2,500.00	\$2,500.00	\$9,000.00	\$9,000.00
765	Seeding	2700	sy	\$1.00	\$2,700.00	\$1.00	\$2,700.00
767.12	Compost filter tubes	240	ft	\$6.00	\$1,440.00	\$8.00	\$1,920.00

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April 12, 2018 at 1:30pm**Morais Concrete Service
Springfield, MAGomes Construction Co.
Ludlow, MA

<u>ITEM</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>UOM</u>	<u>Unit Price</u>	<u>Total</u>	<u>Unit Price</u>	<u>Total</u>
767.8	Bases of hay for erosion control	160	ea	\$10.00	\$1,600.00	\$10.00	\$1,600.00
776.5	Maple red2-2.5" caliper	9	ea	\$750.00	\$6,750.00	\$700.00	\$6,300.00
804.3	3" electrical conduit type NM	1860	ft	\$25.00	\$46,500.00	\$20.00	\$37,200.00
811.31	Pll box 12x12" SD2.031	4	ea	\$800.00	\$3,200.00	\$600.00	\$2,400.00
813.791	Interconnect cable system	1943	ft	\$10.00	\$19,430.00	\$7.00	\$13,601.00
815.1	Traffic control signal location	1	ls	\$156,800.00	\$156,800.00	\$125,000.00	\$125,000.00
816.02	Traffic cosignal reconstruction	1	ls	\$155,500.00	\$155,500.00	\$121,962.00	\$121,962.00
816.03	Traffic cosignal reconstruction	1	ls	\$133,000.00	\$133,000.00	\$108,708.00	\$108,708.00
816.9	Traffic signal removed & tra	1	ls	\$7,200.00	\$7,200.00	\$2,068.00	\$2,068.00
817.8	Ornamental traffic signal su	1	ls	\$151,600.00	\$151,600.00	\$116,600.00	\$116,600.00
832	Warning regulatory & route	145	sf	\$12.00	\$1,740.00	\$11.00	\$1,595.00
847.1	Sign sup (n/guide)+rte mkr	42	ea	\$220.00	\$9,240.00	\$126.00	\$5,292.00
848.11	sign support overhead assen	16	ea	\$2,000.00	\$32,000.00	\$110.00	\$1,760.00
851.1	traffic cones for traffic mana	220	ud	\$50.00	\$11,000.00	\$10.00	\$2,200.00
852	safety signing for traffic ma	300	sf	\$20.00	\$6,000.00	\$20.00	\$6,000.00
853.1	portable breakaway barracade	8	ea	\$125.00	\$1,000.00	\$150.00	\$1,200.00
854.016	temporary paving markings	15420	ft	\$0.50	\$7,710.00	\$0.20	\$3,084.00
854.1	Pavement marking removed	500	sf	\$2.50	\$1,250.00	\$1.50	\$750.00
856	Arrow board	420	ud	\$15.00	\$6,300.00	\$5.00	\$2,100.00
856.12	Portable changeable messag	120	ud	\$25.00	\$3,000.00	\$30.00	\$3,600.00
859	reflectorized drum	39900	dd	\$0.50	\$19,950.00	\$0.01	\$399.00
864.04	Pavement arrows and legend	1320	sf	\$7.00	\$9,240.00	\$6.75	\$8,910.00
865.1	Cross walks and stop lines r	1650	sf	\$5.00	\$8,250.00	\$2.75	\$4,537.50
866.06	6" reflectorized white lines	8660	ft	\$1.00	\$8,660.00	\$1.00	\$8,660.00
867.06	6" reflectorized yellow lines	6760	ft	\$1.00	\$6,760.00	\$1.00	\$6,760.00
867.12	12" refelctorized yellow line	100	ft	\$5.00	\$500.00	\$2.75	\$275.00
874	Street name sign	7	ea	\$125.00	\$875.00	\$125.00	\$875.00
874.2	Traffic sign removed and re	9	ea	\$150.00	\$1,350.00	\$125.00	\$1,125.00
874.4	Traffic sign removed & rest	20	ea	\$10.00	\$200.00	\$30.00	\$600.00
903	3000 PSI 1.5" 470 cement c	2	cy	\$300.00	\$600.00	\$200.00	\$400.00
999.01	uniformed traffic officer	1	ls	\$150,000.00	\$150,000.00	\$150,000.00	\$150,000.00
					\$2,271,249.70		\$1,954,548.50
BID ALTERNATE NO. 1							
101	Clearing & grubbing	0.1	a	\$30,000.00	\$3,000.00	\$15,000.00	\$1,500.00
103	Tree removed diameter unde	4	ea	\$800.00	\$3,200.00	\$850.00	\$3,400.00
120	Earth excavation	300	cy	\$18.00	\$5,400.00	\$20.00	\$6,000.00
151	Gravel borrow	160	cy	\$25.00	\$4,000.00	\$25.00	\$4,000.00
170	Fine grading and compactin	710	sy	\$3.50	\$2,485.00	\$2.00	\$1,420.00

**BID
TAB**

**DWIGHT ROAD
CORRIDOR
IMPROVEMENTS
April 12, 2018 at 1:30pm**

Morais Concrete Service
Springfield, MA

Gomes Construction Co.
Ludlow, MA

ITEM	Description	Estimated Quantity	UOM	Unit Price	Total	Unit Price	Total
472	Hot mix asphalt for misc work	2	ton	\$180.00	\$360.00	\$180.00	\$360.00
482.3	Sawcutting asphalt pavement	250	ft	\$3.00	\$750.00	\$2.00	\$500.00
509.1	Granite transition curb for work	20	ft	\$45.00	\$900.00	\$46.00	\$920.00
590	Curb removed and stacked	20	ft	\$5.00	\$100.00	\$5.00	\$100.00
701	Cement Concrete sidewalk	530	sy	\$50.00	\$26,500.00	\$50.00	\$26,500.00
701.1	Cement concrete sidewalk and	50	sy	\$75.00	\$3,750.00	\$60.00	\$3,000.00
701.2	Cement concrete wheelchair	20	sy	\$95.00	\$1,900.00	\$120.00	\$2,400.00
703	Hot mix asphalt driveway	40	ton	\$150.00	\$6,000.00	\$200.00	\$8,000.00
751	Loam borrow	50	cy	\$45.00	\$2,250.00	\$35.00	\$1,750.00
765	Seeding	700	sy	\$1.00	\$700.00	\$1.00	\$700.00
874.2	Traffic signal removed and	1	ea	\$150.00	\$150.00	\$125.00	\$125.00
					\$61,445.00		\$60,675.00
BID ALTERNATE NO. 2							
101	Clearing & grubbing	0.1	a	\$30,000.00	\$3,000.00	\$15,000.00	\$1,500.00
120	earth excavation	185	ct	\$18.00	\$3,330.00	\$20.00	\$3,700.00
151	gravel borrow	95	ct	\$25.00	\$2,375.00	\$25.00	\$2,375.00
170	fine grading and compacting	420	sy	\$3.50	\$1,470.00	\$2.00	\$840.00
472	hot mix asphalt for misc work	2	ton	\$180.00	\$360.00	\$180.00	\$360.00
482.3	sawcutting asphalt pavement	210	ft	\$3.00	\$630.00	\$2.00	\$420.00
509.1	granite transition curb for work	15	ft	\$45.00	\$675.00	\$46.00	\$690.00
590	curb removed and stacked	10	ft	\$5.00	\$50.00	\$5.00	\$50.00
701	Cement concrete sidewalk	310	sy	\$50.00	\$15,500.00	\$50.00	\$15,500.00
701.1	Cement concrete sidewalk and	60	sy	\$75.00	\$4,500.00	\$60.00	\$3,600.00
701.2	Cement concrete wheelchair	30	sy	\$95.00	\$2,850.00	\$120.00	\$3,600.00
703	Hot mix asphalt driveway	25	ton	\$150.00	\$3,750.00	\$200.00	\$5,000.00
751	Loam borrow	30	cy	\$45.00	\$1,350.00	\$35.00	\$1,050.00
765	Seeding	350	sy	\$1.00	\$350.00	\$1.00	\$350.00
818.43	16" pedestrian signal head in	2	ea	\$2,500.00	\$5,000.00	\$650.00	\$1,300.00
819.85	Accessible pedestrian signal	2	ea	\$5,000.00	\$10,000.00	\$725.00	\$1,450.00
865.1	Crosswalk and stop lines ref	280	sf	\$5.00	\$1,400.00	\$2.75	\$770.00
874.2	Traffic sign removed and re	3	ea	\$150.00	\$450.00	\$125.00	\$375.00

\$57,040.00

\$42,930.00

TOTAL BID PRICE

\$2,389,734.70

\$2,058,153.50

**BID
TAB****DWIGHT ROAD
CORRIDOR
IMPROVEMENTS
April 12, 2018 at 1:30pm**Ludlow Construction Co
Ludlow, MAB&W Paving & Landscaping
Waterford, CT

<u>ITEM</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>UOM</u>	<u>Unit Price</u>	<u>Total</u>	<u>Unit Price</u>	<u>Total</u>
101	clearing & grubbing	0.14	a	\$15,000.00	\$2,100.00	\$14,000.00	\$1,960.00
102.1	Tree trimming	250	ft	\$15.00	\$3,750.00	\$10.00	\$2,500.00
102.3	Shrub Trimming	100	ft	\$10.00	\$1,000.00	\$10.00	\$1,000.00
102.5	Roadside Tree Protection	7	ea	\$300.00	\$2,100.00	\$200.00	\$1,400.00
103	Tree removed diameter unde	10	ea	\$1,000.00	\$10,000.00	\$1,500.00	\$15,000.00
120	Earth excavation	5300	ct	\$24.00	\$127,200.00	\$18.00	\$95,400.00
121	class A rock excavation	140	cy	\$0.01	\$1.40	\$85.00	\$11,900.00
129	Pavement milling	11550	sy	\$4.00	\$46,200.00	\$2.50	\$28,875.00
141.1	Test pit for exploration	50	cy	\$80.00	\$4,000.00	\$100.00	\$5,000.00
144	Class B Rock excavation	5	cy	\$100.00	\$500.00	\$125.00	\$625.00
146	drainage structure removed	8	ea	\$400.00	\$3,200.00	\$1,200.00	\$9,600.00
151	gravel borrow	2400	cy	\$30.00	\$72,000.00	\$44.00	\$105,600.00
153	controlled density fill excav	140	cy	\$120.00	\$16,800.00	\$195.00	\$27,300.00
156	crushed stone	80	ton	\$40.00	\$3,200.00	\$55.00	\$4,400.00
170	fine grading and compaction	8500	sy	\$3.00	\$25,500.00	\$1.00	\$8,500.00
201	catch basin	23	ea	\$2,800.00	\$64,400.00	\$2,650.00	\$60,950.00
201.1	Offset catch basin	1	ea	\$4,500.00	\$4,500.00	\$3,500.00	\$3,500.00
202	manhole	4	ea	\$2,800.00	\$11,200.00	\$2,650.00	\$10,600.00
204	gutter inlet	2	ea	\$1,500.00	\$3,000.00	\$2,500.00	\$5,000.00
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220.5	drainage structure remodel	1	ea	\$700.00	\$700.00	\$500.00	\$500.00
220.7	sanitary structure adjusted	9	ea	\$350.00	\$3,150.00	\$500.00	\$4,500.00
221	frame and cover	13	ea	\$650.00	\$8,450.00	\$700.00	\$9,100.00
222.1	frame and grate massdot cas	25	ea	\$750.00	\$18,750.00	\$700.00	\$17,500.00
223.1	frame and grate (or cover) re	21	ea	\$35.00	\$735.00	\$100.00	\$2,100.00
227.3	removal of drange structure	10	cy	\$0.01	\$0.10	\$350.00	\$3,500.00
227.31	Removal of drange pipe se	100	ft	\$20.00	\$2,000.00	\$15.00	\$1,500.00
241.12	12" reinforced concrete pip	470	ft	\$60.00	\$28,200.00	\$85.00	\$39,950.00
303.06	6" ductile iron water pipe (n	20	ft	\$80.00	\$1,600.00	\$100.00	\$2,000.00
309	Ductile iron fittings for wate	200	lb	\$5.00	\$1,000.00	\$15.00	\$3,000.00
347.075	3/4" copper tubing type K	40	ft	\$50.00	\$2,000.00	\$65.00	\$2,600.00
347.1	1" copper tubing type K	20	ft	\$50.00	\$1,000.00	\$65.00	\$1,300.00
350.06	6" gate and gate box	1	ea	\$800.00	\$800.00	\$1,000.00	\$1,000.00
358	gate box adjusted	10	ea	\$220.00	\$2,200.00	\$150.00	\$1,500.00
358.1	gate box removed and stack	1	ea	\$100.00	\$100.00	\$100.00	\$100.00
363.075	3/4" corporation cork	1	ea	\$250.00	\$250.00	\$125.00	\$125.00
363.1	1" corporation cork	1	ea	\$250.00	\$250.00	\$125.00	\$125.00

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April 12, 2018 at 1:30pm**Ludlow Construction Co
Ludlow, MAB&W Paving & Landscaping
Waterford, CT

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384.2	curb stop adjusted	2	ea	\$125.00	\$250.00	\$250.00	\$500.00
402	dense graded crushed stone	720	cy	\$68.00	\$48,960.00	\$45.00	\$32,400.00
430	cement concrete base course	380	sy	\$60.00	\$22,800.00	\$50.00	\$19,000.00
440	calcium chloride for roadway	26970	lb	\$0.35	\$9,439.50	\$0.15	\$4,045.50
443	water for roadway dust control	27	gl	\$100.00	\$2,700.00	\$10.00	\$270.00
450.9	contractor quality control	4740	ton	\$2.00	\$9,480.00	\$2.50	\$11,850.00
451	hma for patching	90	ton	\$160.00	\$14,400.00	\$145.00	\$13,050.00
452	asphalt emulsion for tack coat	2300	gal	\$8.00	\$18,400.00	\$5.00	\$11,500.00
453	hma joint sealant	8050	ft	\$0.35	\$2,817.50	\$0.50	\$4,025.00
455.22	Superpave surface course 9.5	1540	tn	\$76.00	\$117,040.00	\$90.00	\$138,600.00
455.31	superpave intermediate course	2060	tn	\$72.00	\$148,320.00	\$90.00	\$185,400.00
455.42	superpave base course, 37.5	1160	tn	\$93.00	\$107,880.00	\$90.00	\$104,400.00
472	hot mix asphalt for misc work	105	tn	\$170.00	\$17,850.00	\$125.00	\$13,125.00
506	granite curb type vb straight	2300	ft	\$34.00	\$78,200.00	\$45.00	\$103,500.00
506.1	granite curbe thype vb - curve	825	ft	\$43.00	\$35,475.00	\$65.00	\$53,625.00
509	granite transition curbe for w	40	ft	\$40.00	\$1,600.00	\$45.00	\$1,800.00
509.1	granite trnsition curbe for w	100	ft	\$45.00	\$4,500.00	\$65.00	\$6,500.00
514	Granite curb inlet straight	12	ea	\$320.00	\$3,840.00	\$350.00	\$4,200.00
515	granite curb inlest curved	7	ea	\$380.00	\$2,660.00	\$500.00	\$3,500.00
517	granite curb corner type c	8	ea	\$260.00	\$2,080.00	\$225.00	\$1,800.00
570.2	Hot mix asphalt curbe type vb	1600	ft	\$6.00	\$9,600.00	\$5.00	\$8,000.00
590	Curbe removed and stacked	500	ft	\$4.00	\$2,000.00	\$5.00	\$2,500.00
592	Curb corner removed and stacked	2	ea	\$25.00	\$50.00	\$25.00	\$50.00
669	Fence removed and stacked	60	ft	\$10.00	\$600.00	\$15.00	\$900.00
697	Sedimentation fence	550	ft	\$5.00	\$2,750.00	\$4.50	\$2,475.00
701	Cement concrete sidewalk	1380	sy	\$50.00	\$69,000.00	\$45.00	\$62,100.00
701.1	Cement concrete sidewalk a	40	sy	\$65.00	\$2,600.00	\$67.00	\$2,680.00
701.2	Cement concrete wheelchair	130	sy	\$100.00	\$13,000.00	\$67.00	\$8,710.00
703	hot mix asphalt driveway	50	ton	\$180.00	\$9,000.00	\$145.00	\$7,250.00
710.4	bound - plain granite	5	ea	\$500.00	\$2,500.00	\$350.00	\$1,750.00
711	Bound removed & reset	3	ea	\$500.00	\$1,500.00	\$125.00	\$375.00
748	Mobilization	1	ls	\$75,000.00	\$75,000.00	\$55,000.00	\$55,000.00
751	Laom borrow	400	cy	\$27.00	\$10,800.00	\$45.00	\$18,000.00
756	NPDES Stormwater Pollutio	1	ls	\$5,000.00	\$5,000.00	\$4,000.00	\$4,000.00
765	Seeding	2700	sy	\$1.50	\$4,050.00	\$2.00	\$5,400.00
767.12	Compost filter tubes	240	ft	\$7.00	\$1,680.00	\$8.00	\$1,920.00

**BID
TAB****DWIGHT ROAD
CORRIDOR
IMPROVEMENTS
April 12, 2018 at 1:30pm**Ludlow Construction Co
Ludlow, MAB&W Paving & Landscaping
Waterford, CT

<u>ITEM</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>UOM</u>	<u>Unit Price</u>	<u>Total</u>	<u>Unit Price</u>	<u>Total</u>
767.8	Bases of hay for erosion control	160	ea	\$10.00	\$1,600.00	\$15.00	\$2,400.00
776.5	Maple red2-2.5" caliper	9	ea	\$750.00	\$6,750.00	\$750.00	\$6,750.00
804.3	3" electrical conduit type NM	1860	ft	\$28.00	\$52,080.00	\$20.00	\$37,200.00
811.31	PLI box 12x12" SD2.031	4	ea	\$1,500.00	\$6,000.00	\$1,500.00	\$6,000.00
813.791	Interconnect cable system	1943	ft	\$4.00	\$7,772.00	\$4.00	\$7,772.00
815.1	Traffic control signal location	1	ls	\$125,000.00	\$125,000.00	\$110,000.00	\$110,000.00
816.02	Traffic cosignal reconstruction	1	ls	\$125,000.00	\$125,000.00	\$95,000.00	\$95,000.00
816.03	Traffic cosignal reconstruction	1	ls	\$100,000.00	\$100,000.00	\$80,000.00	\$80,000.00
816.9	Traffic signal removed & replaced	1	ls	\$4,000.00	\$4,000.00	\$5,000.00	\$5,000.00
817.8	Ornamental traffic signal support	1	ls	\$130,000.00	\$130,000.00	\$170,000.00	\$170,000.00
832	Warning regulatory & route markers	145	sf	\$11.00	\$1,595.00	\$11.00	\$1,595.00
847.1	Sign support (n/guide)+rte marker	42	ea	\$130.00	\$5,460.00	\$165.00	\$6,930.00
848.11	sign support overhead assembly	16	ea	\$115.00	\$1,840.00	\$400.00	\$6,400.00
851.1	traffic cones for traffic management	220	ud	\$100.00	\$22,000.00	\$250.00	\$55,000.00
852	safety signing for traffic management	300	sf	\$16.00	\$4,800.00	\$25.00	\$7,500.00
853.1	portable breakaway barricade	8	ea	\$250.00	\$2,000.00	\$125.00	\$1,000.00
854.016	temporary paving markings	15420	ft	\$0.22	\$3,392.40	\$0.25	\$3,855.00
854.1	Pavement marking removed	500	sf	\$1.50	\$750.00	\$2.00	\$1,000.00
856	Arrow board	420	ud	\$25.00	\$10,500.00	\$10.00	\$4,200.00
856.12	Portable changeable message	120	ud	\$35.00	\$4,200.00	\$25.00	\$3,000.00
859	reflectorized drum	39900	dd	\$0.37	\$14,763.00	\$0.25	\$9,975.00
864.04	Pavement arrows and legends	1320	sf	\$7.00	\$9,240.00	\$6.00	\$7,920.00
865.1	Cross walks and stop lines	1650	sf	\$3.00	\$4,950.00	\$3.00	\$4,950.00
866.06	6" reflectorized white lines	8660	ft	\$1.00	\$8,660.00	\$1.00	\$8,660.00
867.06	6" reflectorized yellow lines	6760	ft	\$1.00	\$6,760.00	\$1.00	\$6,760.00
867.12	12" reflectorized yellow lines	100	ft	\$3.00	\$300.00	\$3.00	\$300.00
874	Street name sign	7	ea	\$100.00	\$700.00	\$75.00	\$525.00
874.2	Traffic sign removed and replaced	9	ea	\$90.00	\$810.00	\$150.00	\$1,350.00
874.4	Traffic sign removed & replaced	20	ea	\$22.00	\$440.00	\$30.00	\$600.00
903	3000 PSI 1.5" 470 cement concrete	2	cy	\$500.00	\$1,000.00	\$250.00	\$500.00
999.01	uniformed traffic officer	1	ls	\$150,000.00	\$150,000.00	\$150,000.00	\$150,000.00
					\$2,160,970.90		\$2,207,532.50
BID ALTERNATE NO. 1							
101	Clearing & grubbing	0.1	a	\$15,000.00	\$1,500.00	\$15,000.00	\$1,500.00
103	Tree removed diameter under 12"	4	ea	\$2,200.00	\$8,800.00	\$850.00	\$3,400.00
120	Earth excavation	300	cy	\$28.00	\$8,400.00	\$20.00	\$6,000.00
151	Gravel borrow	160	cy	\$30.00	\$4,800.00	\$25.00	\$4,000.00
170	Fine grading and compacting	710	sy	\$3.00	\$2,130.00	\$2.00	\$1,420.00

**BID
TAB****DWIGHT ROAD
CORRIDOR
IMPROVEMENTS
April 12, 2018 at 1:30pm**Ludlow Construction Co
Ludlow, MAB&W Paving & Landscaping
Waterford, CT

ITEM	Description	Estimated Quantity	UOM	Unit Price	Total	Unit Price	Total
472	Hot mix asphalt for misc work	2	ton	\$180.00	\$360.00	\$180.00	\$360.00
482.3	Sawcutting asphalt pavement	250	ft	\$3.00	\$750.00	\$2.00	\$500.00
509.1	Granite transition curb for work	20	ft	\$50.00	\$1,000.00	\$46.00	\$920.00
590	Curb removed and stacked	20	ft	\$5.00	\$100.00	\$5.00	\$100.00
701	Cement Concrete sidewalk	530	sy	\$50.00	\$26,500.00	\$50.00	\$26,500.00
701.1	Cement concrete sidewalk and	50	sy	\$70.00	\$3,500.00	\$60.00	\$3,000.00
701.2	Cement concrete wheelchair	20	sy	\$100.00	\$2,000.00	\$120.00	\$2,400.00
703	Hot mix asphalt driveway	40	ton	\$180.00	\$7,200.00	\$200.00	\$8,000.00
751	Loam borrow	50	cy	\$27.00	\$1,350.00	\$35.00	\$1,750.00
765	Seeding	700	sy	\$1.50	\$1,050.00	\$1.00	\$700.00
874.2	Traffic signal removed and	1	ea	\$90.00	\$90.00	\$125.00	\$125.00
					\$69,530.00		\$60,675.00
BID ALTERNATE NO. 2							
101	Clearing & grubbing	0.1	a	\$15,000.00	\$1,500.00	\$15,000.00	\$1,500.00
120	earth excavation	185	ct	\$28.00	\$5,180.00	\$20.00	\$3,700.00
151	gravel borrow	95	ct	\$30.00	\$2,850.00	\$25.00	\$2,375.00
170	fine grading and compacting	420	sy	\$3.00	\$1,260.00	\$2.00	\$840.00
472	hot mix asphalt for misc work	2	ton	\$180.00	\$360.00	\$180.00	\$360.00
482.3	sawcutting asphalt pavement	210	ft	\$2.00	\$420.00	\$2.00	\$420.00
509.1	granite transition curb for work	15	ft	\$50.00	\$750.00	\$46.00	\$690.00
590	curb removed and stacked	10	ft	\$5.00	\$50.00	\$5.00	\$50.00
701	Cement concrete sidewalk	310	sy	\$50.00	\$15,500.00	\$50.00	\$15,500.00
701.1	Cement concrete sidewalk and	60	sy	\$70.00	\$4,200.00	\$60.00	\$3,600.00
701.2	Cement concrete wheelchair	30	sy	\$100.00	\$3,000.00	\$120.00	\$3,600.00
703	Hot mix asphalt driveway	25	ton	\$180.00	\$4,500.00	\$200.00	\$5,000.00
751	Loam borrow	30	cy	\$27.00	\$810.00	\$35.00	\$1,050.00
765	Seeding	350	sy	\$1.50	\$525.00	\$1.00	\$350.00
818.43	16" pedestrian signal head in	2	ea	\$1,000.00	\$2,000.00	\$650.00	\$1,300.00
819.85	Accessible pedestrian signal	2	ea	\$800.00	\$1,600.00	\$725.00	\$1,450.00
865.1	Crosswalk and stop lines ref	280	sf	\$3.20	\$896.00	\$2.75	\$770.00
874.2	Traffic sign removed and re	3	ea	\$90.00	\$270.00	\$125.00	\$375.00
					\$45,671.00		\$42,930.00
TOTAL BID PRICE					\$2,276,171.90		\$2,311,137.50

**BID
TAB****DWIGHT ROAD
CORRIDOR
IMPROVEMENTS
April 12, 2018 at 1:30pm**E.T.&L. Corp
Stow, MANorthern Construction Service
Weymouth, MA

<u>ITEM</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>UOM</u>	<u>Unit Price</u>	<u>Total</u>	<u>Unit Price</u>	<u>Total</u>
101	clearing & grubbing	0.14	a	\$60,000.00	\$8,400.00	\$10,000.00	\$1,400.00
102.1	Tree trimming	250	ft	\$15.00	\$3,750.00	\$15.00	\$3,750.00
102.3	Shrub Trimming	100	ft	\$12.00	\$1,200.00	\$6.00	\$600.00
102.5	Roadside Tree Protection	7	ea	\$305.00	\$2,135.00	\$200.00	\$1,400.00
103	Tree removed diameter unde	10	ea	\$1,000.00	\$10,000.00	\$1,100.00	\$11,000.00
120	Earth excavation	5300	ct	\$29.00	\$153,700.00	\$22.00	\$116,600.00
121	class A rock excavation	140	cy	\$25.00	\$3,500.00	\$105.00	\$14,700.00
129	Pavement milling	11550	sy	\$4.00	\$46,200.00	\$3.75	\$43,312.50
141.1	Test pit for exploration	50	cy	\$70.00	\$3,500.00	\$125.00	\$6,250.00
144	Class B Rock excavation	5	cy	\$50.00	\$250.00	\$150.00	\$750.00
146	drainage structure removed	8	ea	\$350.00	\$2,800.00	\$500.00	\$4,000.00
151	gravel borrow	2400	cy	\$35.00	\$84,000.00	\$40.00	\$96,000.00
153	controlled density fill excav	140	cy	\$120.00	\$16,800.00	\$170.00	\$23,800.00
156	crushed stone	80	ton	\$43.00	\$3,440.00	\$65.00	\$5,200.00
170	fine grading and compaction	8500	sy	\$3.00	\$25,500.00	\$1.00	\$8,500.00
201	catch basin	23	ea	\$2,400.00	\$55,200.00	\$2,750.00	\$63,250.00
201.1	Offset catch basin	1	ea	\$4,500.00	\$4,500.00	\$4,500.00	\$4,500.00
202	manhole	4	ea	\$2,500.00	\$10,000.00	\$2,900.00	\$11,600.00
204	gutter inlet	2	ea	\$995.00	\$1,990.00	\$1,500.00	\$3,000.00
220	drainage structure adjusted	9	ea	\$330.00	\$2,970.00	\$350.00	\$3,150.00
220.3	dainage structure change in	6	ea	\$925.00	\$5,550.00	\$750.00	\$4,500.00
220.5	drainage structure remodel	1	ea	\$365.00	\$365.00	\$750.00	\$750.00
220.7	sanitary structure adjusted	9	ea	\$340.00	\$3,060.00	\$400.00	\$3,600.00
221	frame and cover	13	ea	\$825.00	\$10,725.00	\$750.00	\$9,750.00
222.1	frame and grate massdot cas	25	ea	\$840.00	\$21,000.00	\$850.00	\$21,250.00
223.1	frame and grate (or cover) re	21	ea	\$135.00	\$2,835.00	\$60.00	\$1,260.00
227.3	removal of drange structure	10	cy	\$230.00	\$2,300.00	\$350.00	\$3,500.00
227.31	Removal of drange pipe se	100	ft	\$11.00	\$1,100.00	\$23.00	\$2,300.00
241.12	12" reinforced concrete pip	470	ft	\$71.00	\$33,370.00	\$82.00	\$38,540.00
303.06	6" ductile iron water pipe (n	20	ft	\$120.00	\$2,400.00	\$70.00	\$1,400.00
309	Ductile iron fittings for wate	200	lb	\$6.00	\$1,200.00	\$5.50	\$1,100.00
347.075	3/4" copper tubing type K	40	ft	\$58.00	\$2,320.00	\$52.00	\$2,080.00
347.1	1" copper tubing type K	20	ft	\$68.00	\$1,360.00	\$62.00	\$1,240.00
350.06	6" gate and gate box	1	ea	\$1,600.00	\$1,600.00	\$1,450.00	\$1,450.00
358	gate box adjusted	10	ea	\$160.00	\$1,600.00	\$325.00	\$3,250.00
358.1	gate box removed and stack	1	ea	\$60.00	\$60.00	\$150.00	\$150.00
363.075	3/4" corporation cork	1	ea	\$800.00	\$800.00	\$60.00	\$60.00
363.1	1" corporation cork	1	ea	\$800.00	\$800.00	\$70.00	\$70.00

**BID
TAB****DWIGHT ROAD
CORRIDOR
IMPROVEMENTS
April 12, 2018 at 1:30pm**E.T.&L. Corp
Stow, MANorthern Construction Service
Weymouth, MA

<u>ITEM</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>UOM</u>	<u>Unit Price</u>	<u>Total</u>	<u>Unit Price</u>	<u>Total</u>
370.4	12x6" tapping sleeve valve	1	ea	\$11,500.00	\$11,500.00	\$4,500.00	\$4,500.00
376.2	hydrant removed & reset	2	ea	\$1,800.00	\$3,600.00	\$1,700.00	\$3,400.00
384.2	curb stop adjusted	2	ea	\$145.00	\$290.00	\$320.00	\$640.00
402	dense graded crushed stone	720	cy	\$58.00	\$41,760.00	\$50.00	\$36,000.00
430	cement concrete base course	380	sy	\$56.00	\$21,280.00	\$42.00	\$15,960.00
440	calcium chloride for roadway	26970	lb	\$0.20	\$5,394.00	\$0.35	\$9,439.50
443	water for roadway dust control	27	gl	\$50.00	\$1,350.00	\$100.00	\$2,700.00
450.9	contractor quality control	4740	ton	\$1.10	\$5,214.00	\$2.10	\$9,954.00
451	hma for patching	90	ton	\$205.00	\$18,450.00	\$200.00	\$18,000.00
452	asphalt emulsion for tack coat	2300	gal	\$5.50	\$12,650.00	\$8.00	\$18,400.00
453	hma joint sealant	8050	ft	\$0.54	\$4,347.00	\$0.28	\$2,254.00
455.22	Superpave surface course 9.5	1540	tn	\$84.00	\$129,360.00	\$80.00	\$123,200.00
455.31	superpave intermediate course	2060	tn	\$79.00	\$162,740.00	\$76.00	\$156,560.00
455.42	superpave base course, 37.5	1160	tn	\$79.00	\$91,640.00	\$100.00	\$116,000.00
472	hot mix asphalt for misc work	105	tn	\$205.00	\$21,525.00	\$160.00	\$16,800.00
506	granite curb type vb straight	2300	ft	\$33.00	\$75,900.00	\$44.00	\$101,200.00
506.1	granite curbe thype vb - curve	825	ft	\$42.00	\$34,650.00	\$50.00	\$41,250.00
509	granite transition curbe for w	40	ft	\$41.00	\$1,640.00	\$50.00	\$2,000.00
509.1	granite trnsition curbe for w	100	ft	\$46.00	\$4,600.00	\$55.00	\$5,500.00
514	Granite curb inlet straight	12	ea	\$335.00	\$4,020.00	\$280.00	\$3,360.00
515	granite curb inlest curved	7	ea	\$370.00	\$2,590.00	\$360.00	\$2,520.00
517	granite curb corner type c	8	ea	\$340.00	\$2,720.00	\$250.00	\$2,000.00
570.2	Hot mix asphalt curbe type vb	1600	ft	\$6.20	\$9,920.00	\$5.00	\$8,000.00
590	Curbe removed and stacked	500	ft	\$6.50	\$3,250.00	\$2.25	\$1,125.00
592	Curb corner removed and stacked	2	ea	\$57.00	\$114.00	\$7.00	\$14.00
669	Fence removed and stacked	60	ft	\$8.50	\$510.00	\$7.00	\$420.00
697	Sedimentation fence	550	ft	\$10.00	\$5,500.00	\$3.25	\$1,787.50
701	Cement concrete sidewalk	1380	sy	\$50.00	\$69,000.00	\$44.00	\$60,720.00
701.1	Cement concrete sidewalk a	40	sy	\$57.00	\$2,280.00	\$55.00	\$2,200.00
701.2	Cement concrete wheelchair	130	sy	\$125.00	\$16,250.00	\$70.00	\$9,100.00
703	hot mix asphalt driveway	50	ton	\$185.00	\$9,250.00	\$205.00	\$10,250.00
710.4	bound - plain granite	5	ea	\$640.00	\$3,200.00	\$580.00	\$2,900.00
711	Bound removed & reset	3	ea	\$425.00	\$1,275.00	\$410.00	\$1,230.00
748	Mobilization	1	ls	\$67,000.00	\$67,000.00	\$70,000.00	\$70,000.00
751	Laom borrow	400	cy	\$64.00	\$25,600.00	\$65.00	\$26,000.00
756	NPDES Stormwater Pollution	1	ls	\$5,000.00	\$5,000.00	\$6,500.00	\$6,500.00
765	Seeding	2700	sy	\$1.00	\$2,700.00	\$0.80	\$2,160.00
767.12	Compost filter tubes	240	ft	\$10.00	\$2,400.00	\$5.50	\$1,320.00

**BID
TAB****DWIGHT ROAD
CORRIDOR
IMPROVEMENTS
April 12, 2018 at 1:30pm**E.T.&L. Corp
Stow, MANorthern Construction Service
Weymouth, MA

<u>ITEM</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>UOM</u>	<u>Unit Price</u>	<u>Total</u>	<u>Unit Price</u>	<u>Total</u>
767.8	Bases of hay for erosion control	160	ea	\$15.00	\$2,400.00	\$9.00	\$1,440.00
776.5	Maple red2-2.5" caliper	9	ea	\$660.00	\$5,940.00	\$700.00	\$6,300.00
804.3	3" electrical conduit type NM	1860	ft	\$25.00	\$46,500.00	\$28.00	\$52,080.00
811.31	Pll box 12x12" SD2.031	4	ea	\$600.00	\$2,400.00	\$1,300.00	\$5,200.00
813.791	Interconnect cable system	1943	ft	\$2.75	\$5,343.25	\$2.75	\$5,343.25
815.1	Traffic control signal location	1	ls	\$125,000.00	\$125,000.00	\$146,500.00	\$146,500.00
816.02	Traffic cosignal reconstruction	1	ls	\$125,000.00	\$125,000.00	\$125,000.00	\$125,000.00
816.03	Traffic cosignal reconstruction	1	ls	\$80,000.00	\$80,000.00	\$100,000.00	\$100,000.00
816.9	Traffic signal removed & tra	1	ls	\$4,000.35	\$4,000.35	\$5,000.00	\$5,000.00
817.8	Ornamental traffic signal su	1	ls	\$180,000.00	\$180,000.00	\$184,000.00	\$184,000.00
832	Warning regulatory & route	145	sf	\$30.00	\$4,350.00	\$9.50	\$1,377.50
847.1	Sign sup (n/guide)+rte mkr	42	ea	\$130.00	\$5,460.00	\$145.00	\$6,090.00
848.11	sign support overhead assen	16	ea	\$400.00	\$6,400.00	\$330.00	\$5,280.00
851.1	traffic cones for traffic mana	220	ud	\$50.00	\$11,000.00	\$400.00	\$88,000.00
852	safety signing for traffic ma	300	sf	\$18.00	\$5,400.00	\$19.00	\$5,700.00
853.1	portable breakaway barracad	8	ea	\$220.00	\$1,760.00	\$115.00	\$920.00
854.016	temporary paving markings	15420	ft	\$0.17	\$2,621.40	\$0.22	\$3,392.40
854.1	Pavement marking removed	500	sf	\$1.10	\$550.00	\$2.00	\$1,000.00
856	Arrow board	420	ud	\$10.00	\$4,200.00	\$8.00	\$3,360.00
856.12	Portable changeable messag	120	ud	\$20.00	\$2,400.00	\$25.00	\$3,000.00
859	reflectorized drum	39900	dd	\$0.25	\$9,975.00	\$0.23	\$9,177.00
864.04	Pavement arrows and legend	1320	sf	\$10.00	\$13,200.00	\$6.50	\$8,580.00
865.1	Cross walks and stop lines r	1650	sf	\$2.60	\$4,290.00	\$3.25	\$5,362.50
866.06	6" reflectorized white lines	8660	ft	\$0.90	\$7,794.00	\$1.00	\$8,660.00
867.06	6" reflectorized yellow lines	6760	ft	\$0.90	\$6,084.00	\$1.00	\$6,760.00
867.12	12" refelctorized yellow line	100	ft	\$2.60	\$260.00	\$3.25	\$325.00
874	Street name sign	7	ea	\$190.00	\$1,330.00	\$75.00	\$525.00
874.2	Traffic sign removed and re	9	ea	\$105.00	\$945.00	\$150.00	\$1,350.00
874.4	Traffic sign removed & rest	20	ea	\$26.00	\$520.00	\$30.00	\$600.00
903	3000 PSI 1.5" 470 cement c	2	cy	\$350.00	\$700.00	\$600.00	\$1,200.00
999.01	uniformed traffic officer	1	ls	\$150,000.00	\$150,000.00	\$150,000.00	\$150,000.00
					\$2,228,572.00		\$2,355,899.15
BID ALTERNATE NO. 1							
101	Clearing & grubbing	0.1	a	\$30,000.00	\$3,000.00	\$12,750.00	\$1,275.00
103	Tree removed diameter unde	4	ea	\$1,500.00	\$6,000.00	\$1,100.00	\$4,400.00
120	Earth excavation	300	cy	\$36.00	\$10,800.00	\$46.00	\$13,800.00
151	Gravel borrow	160	cy	\$49.00	\$7,840.00	\$53.00	\$8,480.00
170	Fine grading and compactin	710	sy	\$4.50	\$3,195.00	\$1.60	\$1,136.00

**BID
TAB****DWIGHT ROAD
CORRIDOR
IMPROVEMENTS
April 12, 2018 at 1:30pm**E.T.&L. Corp
Stow, MANorthern Construction Service
Weymouth, MA

ITEM	Description	Estimated Quantity	UOM	Unit Price	Total	Unit Price	Total
472	Hot mix asphalt for misc work	2	ton	\$200.00	\$400.00	\$255.00	\$510.00
482.3	Sawcutting asphalt pavement	250	ft	\$1.50	\$375.00	\$3.25	\$812.50
509.1	Granite transition curb for work	20	ft	\$46.00	\$920.00	\$80.00	\$1,600.00
590	Curb removed and stacked	20	ft	\$9.00	\$180.00	\$2.25	\$45.00
701	Cement Concrete sidewalk	530	sy	\$49.00	\$25,970.00	\$45.00	\$23,850.00
701.1	Cement concrete sidewalk and	50	sy	\$60.00	\$3,000.00	\$57.00	\$2,850.00
701.2	Cement concrete wheelchair	20	sy	\$130.00	\$2,600.00	\$74.00	\$1,480.00
703	Hot mix asphalt driveway	40	ton	\$180.00	\$7,200.00	\$165.00	\$6,600.00
751	Loam borrow	50	cy	\$64.00	\$3,200.00	\$54.00	\$2,700.00
765	Seeding	700	sy	\$0.74	\$518.00	\$0.80	\$560.00
874.2	Traffic signal removed and	1	ea	\$100.00	\$100.00	\$165.00	\$165.00
					\$75,298.00		\$70,263.50
BID ALTERNATE NO. 2							
101	Clearing & grubbing	0.1	a	\$24,000.00	\$2,400.00	\$12,750.00	\$1,275.00
120	earth excavation	185	ct	\$34.00	\$6,290.00	\$40.00	\$7,400.00
151	gravel borrow	95	ct	\$48.00	\$4,560.00	\$55.00	\$5,225.00
170	fine grading and compacting	420	sy	\$4.50	\$1,890.00	\$1.35	\$567.00
472	hot mix asphalt for misc work	2	ton	\$220.00	\$440.00	\$255.00	\$510.00
482.3	sawcutting asphalt pavement	210	ft	\$2.00	\$420.00	\$4.50	\$945.00
509.1	granite transition curb for work	15	ft	\$46.00	\$690.00	\$60.00	\$900.00
590	curb removed and stacked	10	ft	\$10.00	\$100.00	\$2.25	\$22.50
701	Cement concrete sidewalk	310	sy	\$49.00	\$15,190.00	\$45.00	\$13,950.00
701.1	Cement concrete sidewalk and	60	sy	\$59.00	\$3,540.00	\$55.00	\$3,300.00
701.2	Cement concrete wheelchair	30	sy	\$130.00	\$3,900.00	\$70.00	\$2,100.00
703	Hot mix asphalt driveway	25	ton	\$180.00	\$4,500.00	\$180.00	\$4,500.00
751	Loam borrow	30	cy	\$60.00	\$1,800.00	\$55.00	\$1,650.00
765	Seeding	350	sy	\$1.00	\$350.00	\$0.80	\$280.00
818.43	16" pedestrian signal head in	2	ea	\$620.00	\$1,240.00	\$700.00	\$1,400.00
819.85	Accessible pedestrian signal	2	ea	\$2,600.00	\$5,200.00	\$1,100.00	\$2,200.00
865.1	Crosswalk and stop lines ref	280	sf	\$2.60	\$728.00	\$3.00	\$840.00
874.2	Traffic sign removed and re	3	ea	\$105.00	\$315.00	\$160.00	\$480.00
					\$53,553.00		\$47,544.50
TOTAL BID PRICE					\$2,357,423.00		\$2,473,707.15

**BID
TAB****DWIGHT ROAD
CORRIDOR
IMPROVEMENTS
April 12, 2018 at 1:30pm**Baltazar Contractors, Inc.
Ludlow, MAAJ Virgilio Construction, Inc.
Westfield, MA

<u>ITEM</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>UOM</u>	<u>Unit Price</u>	<u>Total</u>	<u>Unit Price</u>	<u>Total</u>
101	clearing & grubbing	0.14	a	\$50,000.00	\$7,000.00	\$27,500.00	\$3,850.00
102.1	Tree trimming	250	ft	\$10.00	\$2,500.00	\$13.20	\$3,300.00
102.3	Shrub Trimming	100	ft	\$20.00	\$2,000.00	\$13.20	\$1,320.00
102.5	Roadside Tree Protection	7	ea	\$250.00	\$1,750.00	\$247.50	\$1,732.50
103	Tree removed diameter unde	10	ea	\$900.00	\$9,000.00	\$825.00	\$8,250.00
120	Earth excavation	5300	ct	\$35.00	\$185,500.00	\$18.70	\$99,110.00
121	class A rock excavation	140	cy	\$30.00	\$4,200.00	\$55.00	\$7,700.00
129	Pavement milling	11550	sy	\$4.00	\$46,200.00	\$3.61	\$41,695.50
141.1	Test pit for exploration	50	cy	\$80.00	\$4,000.00	\$55.00	\$2,750.00
144	Class B Rock excavation	5	cy	\$100.00	\$500.00	\$220.00	\$1,100.00
146	drainage structure removed	8	ea	\$400.00	\$3,200.00	\$440.00	\$3,520.00
151	gravel borrow	2400	cy	\$30.00	\$72,000.00	\$49.50	\$118,800.00
153	controlled density fill excav	140	cy	\$130.00	\$18,200.00	\$209.00	\$29,260.00
156	crushed stone	80	ton	\$40.00	\$3,200.00	\$55.00	\$4,400.00
170	fine grading and compaction	8500	sy	\$3.00	\$25,500.00	\$2.20	\$18,700.00
201	catch basin	23	ea	\$2,800.00	\$64,400.00	\$3,575.00	\$82,225.00
201.1	Offset catch basin	1	ea	\$5,000.00	\$5,000.00	\$5,500.00	\$5,500.00
202	manhole	4	ea	\$2,000.00	\$8,000.00	\$4,400.00	\$17,600.00
204	gutter inlet	2	ea	\$1,600.00	\$3,200.00	\$2,750.00	\$5,500.00
220	drainage structure adjusted	9	ea	\$400.00	\$3,600.00	\$357.50	\$3,217.50
220.3	dainage structure change in	6	ea	\$1,000.00	\$6,000.00	\$1,650.00	\$9,900.00
220.5	drainage structure remodel	1	ea	\$1,000.00	\$1,000.00	\$1,100.00	\$1,100.00
220.7	sanitary structure adjusted	9	ea	\$400.00	\$3,600.00	\$357.50	\$3,217.50
221	frame and cover	13	ea	\$800.00	\$10,400.00	\$770.00	\$10,010.00
222.1	frame and grate massdot cas	25	ea	\$900.00	\$22,500.00	\$825.00	\$20,625.00
223.1	frame and grate (or cover) re	21	ea	\$50.00	\$1,050.00	\$110.00	\$2,310.00
227.3	removal of drange structure	10	cy	\$300.00	\$3,000.00	\$275.00	\$2,750.00
227.31	Removal of drange pipe se	100	ft	\$10.00	\$1,000.00	\$27.50	\$2,750.00
241.12	12" reinforced concrete pip	470	ft	\$85.00	\$39,950.00	\$82.50	\$38,775.00
303.06	6" ductile iron water pipe (n	20	ft	\$100.00	\$2,000.00	\$220.00	\$4,400.00
309	Ductile iron fittings for wate	200	lb	\$0.01	\$2.00	\$7.70	\$1,540.00
347.075	3/4" copper tubing type K	40	ft	\$80.00	\$3,200.00	\$55.00	\$2,200.00
347.1	1" copper tubing type K	20	ft	\$100.00	\$2,000.00	\$55.00	\$1,100.00
350.06	6" gate and gate box	1	ea	\$1,600.00	\$1,600.00	\$2,750.00	\$2,750.00
358	gate box adjusted	10	ea	\$250.00	\$2,500.00	\$357.50	\$3,575.00
358.1	gate box removed and stack	1	ea	\$100.00	\$100.00	\$550.00	\$550.00
363.075	3/4" corporation cork	1	ea	\$400.00	\$400.00	\$1,375.00	\$1,375.00
363.1	1" corporation cork	1	ea	\$600.00	\$600.00	\$1,375.00	\$1,375.00

**BID
TAB****DWIGHT ROAD
CORRIDOR
IMPROVEMENTS
April 12, 2018 at 1:30pm**Baltazar Contractors, Inc.
Ludlow, MAAJ Virgilio Construction, Inc.
Westfield, MA

<u>ITEM</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>UOM</u>	<u>Unit Price</u>	<u>Total</u>	<u>Unit Price</u>	<u>Total</u>
370.4	12x6" tapping sleeve valve	1	ea	\$8,000.00	\$8,000.00	\$4,400.00	\$4,400.00
376.2	hydrant removed & reset	2	ea	\$1,000.00	\$2,000.00	\$3,300.00	\$6,600.00
384.2	curb stop adjusted	2	ea	\$250.00	\$500.00	\$357.50	\$715.00
402	dense graded crushed stone	720	cy	\$60.00	\$43,200.00	\$66.00	\$47,520.00
430	cement concrete base course	380	sy	\$80.00	\$30,400.00	\$60.50	\$22,990.00
440	calcium chloride for roadway	26970	lb	\$0.50	\$13,485.00	\$0.02	\$539.40
443	water for roadway dust control	27	gl	\$100.00	\$2,700.00	\$22.00	\$594.00
450.9	contractor quality control	4740	ton	\$1.15	\$5,451.00	\$1.86	\$8,816.40
451	hma for patching	90	ton	\$200.00	\$18,000.00	\$192.50	\$17,325.00
452	asphalt emulsion for tack coat	2300	gal	\$5.25	\$12,075.00	\$7.42	\$17,066.00
453	hma joint sealant	8050	ft	\$1.00	\$8,050.00	\$0.26	\$2,093.00
455.22	Superpave surface course 9.5	1540	tn	\$82.00	\$126,280.00	\$71.07	\$109,447.80
455.31	superpave intermediate course	2060	tn	\$78.50	\$161,710.00	\$66.95	\$137,917.00
455.42	superpave base course, 37.5	1160	tn	\$78.50	\$91,060.00	\$88.58	\$102,752.80
472	hot mix asphalt for misc work	105	tn	\$180.00	\$18,900.00	\$165.00	\$17,325.00
506	granite curb type vb straight	2300	ft	\$38.00	\$87,400.00	\$40.70	\$93,610.00
506.1	granite curbe thype vb - curve	825	ft	\$44.00	\$36,300.00	\$42.90	\$35,392.50
509	granite transition curbe for w	40	ft	\$50.00	\$2,000.00	\$48.40	\$1,936.00
509.1	granite trnsition curbe for w	100	ft	\$45.00	\$4,500.00	\$48.40	\$4,840.00
514	Granite curb inlet straight	12	ea	\$350.00	\$4,200.00	\$825.00	\$9,900.00
515	granite curb inlest curved	7	ea	\$425.00	\$2,975.00	\$825.00	\$5,775.00
517	granite curb corner type c	8	ea	\$375.00	\$3,000.00	\$495.00	\$3,960.00
570.2	Hot mix asphalt curbe type vb	1600	ft	\$6.50	\$10,400.00	\$4.43	\$7,088.00
590	Curbe removed and stacked	500	ft	\$6.00	\$3,000.00	\$11.00	\$5,500.00
592	Curb corner removed and stacked	2	ea	\$50.00	\$100.00	\$275.00	\$550.00
669	Fence removed and stacked	60	ft	\$10.00	\$600.00	\$38.50	\$2,310.00
697	Sedimentation fence	550	ft	\$5.00	\$2,750.00	\$4.12	\$2,266.00
701	Cement concrete sidewalk	1380	sy	\$50.00	\$69,000.00	\$52.80	\$72,864.00
701.1	Cement concrete sidewalk a	40	sy	\$80.00	\$3,200.00	\$88.00	\$3,520.00
701.2	Cement concrete wheelchair	130	sy	\$90.00	\$11,700.00	\$88.00	\$11,440.00
703	hot mix asphalt driveway	50	ton	\$200.00	\$10,000.00	\$192.50	\$9,625.00
710.4	bound - plain granite	5	ea	\$500.00	\$2,500.00	\$495.00	\$2,475.00
711	Bound removed & reset	3	ea	\$500.00	\$1,500.00	\$495.00	\$1,485.00
748	Mobilization	1	ls	\$65,000.00	\$65,000.00	\$71,714.50	\$71,714.50
751	Laom borrow	400	cy	\$50.00	\$20,000.00	\$55.00	\$22,000.00
756	NPDES Stormwater Pollution	1	ls	\$4,000.00	\$4,000.00	\$3,850.00	\$3,850.00
765	Seeding	2700	sy	\$2.00	\$5,400.00	\$1.10	\$2,970.00
767.12	Compost filter tubes	240	ft	\$6.00	\$1,440.00	\$6.60	\$1,584.00

**BID
TAB****DWIGHT ROAD
CORRIDOR
IMPROVEMENTS
April 12, 2018 at 1:30pm**Baltazar Contractors, Inc.
Ludlow, MAAJ Virgilio Construction, Inc.
Westfield, MA

<u>ITEM</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>UOM</u>	<u>Unit Price</u>	<u>Total</u>	<u>Unit Price</u>	<u>Total</u>
767.8	Bases of hay for erosion control	160	ea	\$10.00	\$1,600.00	\$8.80	\$1,408.00
776.5	Maple red2-2.5" caliper	9	ea	\$700.00	\$6,300.00	\$687.50	\$6,187.50
804.3	3" electrical conduit type NM	1860	ft	\$40.00	\$74,400.00	\$29.70	\$55,242.00
811.31	Pll box 12x12" SD2.031	4	ea	\$2,500.00	\$10,000.00	\$825.00	\$3,300.00
813.791	Interconnect cable system	1943	ft	\$7.25	\$14,086.75	\$5.50	\$10,686.50
815.1	Traffic control signal location	1	ls	\$160,000.00	\$160,000.00	\$159,500.00	\$159,500.00
816.02	Traffic cosignal reconstruction	1	ls	\$160,000.00	\$160,000.00	\$187,000.00	\$187,000.00
816.03	Traffic cosignal reconstruction	1	ls	\$148,000.00	\$148,000.00	\$99,000.00	\$99,000.00
816.9	Traffic signal removed & tra	1	ls	\$2,500.00	\$2,500.00	\$27,500.00	\$27,500.00
817.8	Ornamental traffic signal su	1	ls	\$165,000.00	\$165,000.00	\$93,500.00	\$93,500.00
832	Warning regulatory & route	145	sf	\$12.00	\$1,740.00	\$16.50	\$2,392.50
847.1	Sign sup (n/guide)+rte mkr	42	ea	\$130.00	\$5,460.00	\$121.00	\$5,082.00
848.11	sign support overhead assen	16	ea	\$110.00	\$1,760.00	\$825.00	\$13,200.00
851.1	traffic cones for traffic mana	220	ud	\$0.01	\$2.20	\$27.50	\$6,050.00
852	safety signing for traffic ma	300	sf	\$22.00	\$6,600.00	\$22.00	\$6,600.00
853.1	portable breakaway barracade	8	ea	\$150.00	\$1,200.00	\$220.00	\$1,760.00
854.016	temporary paving markings	15420	ft	\$0.25	\$3,855.00	\$0.28	\$4,317.60
854.1	Pavement marking removed	500	sf	\$2.00	\$1,000.00	\$3.30	\$1,650.00
856	Arrow board	420	ud	\$10.00	\$4,200.00	\$8.80	\$3,696.00
856.12	Portable changeable messag	120	ud	\$25.00	\$3,000.00	\$24.20	\$2,904.00
859	reflectorized drum	39900	dd	\$0.30	\$11,970.00	\$0.25	\$9,975.00
864.04	Pavement arrows and legend	1320	sf	\$6.50	\$8,580.00	\$8.25	\$10,890.00
865.1	Cross walks and stop lines r	1650	sf	\$3.20	\$5,280.00	\$8.25	\$13,612.50
866.06	6" reflectorized white lines	8660	ft	\$1.00	\$8,660.00	\$1.10	\$9,526.00
867.06	6" reflectorized yellow lines	6760	ft	\$1.00	\$6,760.00	\$1.10	\$7,436.00
867.12	12" refelctorized yellow line	100	ft	\$5.00	\$500.00	\$5.50	\$550.00
874	Street name sign	7	ea	\$100.00	\$700.00	\$165.00	\$1,155.00
874.2	Traffic sign removed and re	9	ea	\$100.00	\$900.00	\$110.00	\$990.00
874.4	Traffic sign removed & rest	20	ea	\$25.00	\$500.00	\$55.00	\$1,100.00
903	3000 PSI 1.5" 470 cement c	2	cy	\$400.00	\$800.00	\$550.00	\$1,100.00
999.01	uniformed traffic officer	1	ls	\$150,000.00	\$150,000.00	\$150,000.00	\$150,000.00
					\$2,427,981.95		\$2,339,900.00
BID ALTERNATE NO. 1							
101	Clearing & grubbing	0.1	a	\$50,000.00	\$5,000.00	\$27,500.00	\$2,750.00
103	Tree removed diameter unde	4	ea	\$900.00	\$3,600.00	\$825.00	\$3,300.00
120	Earth excavation	300	cy	\$35.00	\$10,500.00	\$18.70	\$5,610.00
151	Gravel borrow	160	cy	\$30.00	\$4,800.00	\$49.50	\$7,920.00
170	Fine grading and compactin	710	sy	\$4.00	\$2,840.00	\$2.20	\$1,562.00

**BID
TAB**

**DWIGHT ROAD
CORRIDOR
IMPROVEMENTS
April 12, 2018 at 1:30pm**

Baltazar Contractors, Inc.
Ludlow, MA

AJ Virgilio Construction, Inc.
Westfield, MA

ITEM	Description	Estimated Quantity	UOM	Unit Price	Total	Unit Price	Total
472	Hot mix asphalt for misc work	2	ton	\$300.00	\$600.00	\$332.70	\$665.40
482.3	Sawcutting asphalt pavement	250	ft	\$4.00	\$1,000.00	\$2.20	\$550.00
509.1	Granite transition curb for work	20	ft	\$45.00	\$900.00	\$48.40	\$968.00
590	Curb removed and stacked	20	ft	\$20.00	\$400.00	\$11.00	\$220.00
701	Cement Concrete sidewalk	530	sy	\$50.00	\$26,500.00	\$53.82	\$28,524.60
701.1	Cement concrete sidewalk and	50	sy	\$80.00	\$4,000.00	\$88.00	\$4,400.00
701.2	Cement concrete wheelchair	20	sy	\$90.00	\$1,800.00	\$88.00	\$1,760.00
703	Hot mix asphalt driveway	40	ton	\$200.00	\$8,000.00	\$192.50	\$7,700.00
751	Loam borrow	50	cy	\$50.00	\$2,500.00	\$55.00	\$2,750.00
765	Seeding	700	sy	\$2.00	\$1,400.00	\$1.10	\$770.00
874.2	Traffic signal removed and	1	ea	\$100.00	\$100.00	\$550.00	\$550.00
					\$73,940.00		\$70,000.00
BID ALTERNATE NO. 2							
101	Clearing & grubbing	0.1	a	\$50,000.00	\$5,000.00	\$27,510.00	\$2,751.00
120	earth excavation	185	ct	\$35.00	\$6,475.00	\$18.70	\$3,459.50
151	gravel borrow	95	ct	\$30.00	\$2,850.00	\$49.50	\$4,702.50
170	fine grading and compacting	420	sy	\$4.00	\$1,680.00	\$2.20	\$924.00
472	hot mix asphalt for misc work	2	ton	\$300.00	\$600.00	\$340.00	\$680.00
482.3	sawcutting asphalt pavement	210	ft	\$4.00	\$840.00	\$2.20	\$462.00
509.1	granite transition curb for work	15	ft	\$45.00	\$675.00	\$48.40	\$726.00
590	curb removed and stacked	10	ft	\$20.00	\$200.00	\$11.00	\$110.00
701	Cement concrete sidewalk	310	sy	\$50.00	\$15,500.00	\$54.00	\$16,740.00
701.1	Cement concrete sidewalk and	60	sy	\$80.00	\$4,800.00	\$88.00	\$5,280.00
701.2	Cement concrete wheelchair	30	sy	\$90.00	\$2,700.00	\$88.00	\$2,640.00
703	Hot mix asphalt driveway	25	ton	\$200.00	\$5,000.00	\$200.00	\$5,000.00
751	Loam borrow	30	cy	\$50.00	\$1,500.00	\$55.00	\$1,650.00
765	Seeding	350	sy	\$2.00	\$700.00	\$1.10	\$385.00
818.43	16" pedestrian signal head in	2	ea	\$700.00	\$1,400.00	\$2,200.00	\$4,400.00
819.85	Accessible pedestrian signal	2	ea	\$800.00	\$1,600.00	\$1,650.00	\$3,300.00
865.1	Crosswalk and stop lines ref	280	sf	\$3.20	\$896.00	\$8.25	\$2,310.00
874.2	Traffic sign removed and re	3	ea	\$100.00	\$300.00	\$160.00	\$480.00
					\$52,716.00		\$56,000.00
TOTAL BID PRICE					\$2,554,637.95		\$2,465,900.00