
 DOT CONTRACT NUMBER: D261458 | NYS PROJECT NUMBER: 1805.81.000 | FISCAL SHARE: 01 | ENGINEERING SHARE: 001

COUNTY: Essex | ENGINEERING SHARE TITLE: BRIDGE SHARE

FEDERAL AID PROJECT NUMBER: | CONTRACTOR: FLATIRON CONSTRUCTORS INC

SEQ NO.	SPECIFICATION ITEM NUMBER	ITEM DESCRIPTION	UNITS	QUANTITY	PRICE	AMOUNT	ROUNDING
0002	202.19	REMOVAL OF SUBSTRUCTURES	CY	7,130.00	66.000	470,580.00	
0004	203.21	SELECT STRUCTURE FILL	CY	1,000.00	27.000	27,000.00	
0006	206.01	STRUCTURE EXCAVATION	CY	1,340.00	15.000	20,100.00	
0008	207.26	PREFABRICATED COMPOSITE STRUCTURAL DRAIN	SY	270.00	13.000	3,510.00	
0010	502.81010018	FULL DIAMOND GRINDING OF PCC PAVEMENT	SY	1,430.00	10.500	15,015.00	
0012	502.83010018	DIAMOND GRINDING SMOOTHNESS QUALITY ADJUSTMENT	QU	143.00	1.000	143.00	
0014	551.61000017	FURNISHING EQUIPMENT FOR INSTALLING DRILLED SHAFTS (ON WATER)	LS	100.00	1,300,000.000	1,300,000.00	
0016	551.96000017	CROSSHOLE SONIC LOGGING (CSL) OF DRILLED SHAFTS	EACH	32.00	7,000.000	224,000.00	
0018	551.99300917	MICROPILES (DESIGN PROVIDED) 9.625 INCH DIAMETER PIPE	LF	1,597.00	165.000	263,505.00	
0020	551.99496017	DRILLED SHAFTS, 6.0 FEET	LF	2,195.00	2,800.000	6,146,000.00	
0022	553.010001	COFFERDAMS (TYPE 1)	EACH	1.00	350,000.000	350,000.00	
0024	553.010002	COFFERDAMS (TYPE 1)	EACH	1.00	350,000.000	350,000.00	
0026	553.010003	COFFERDAMS (TYPE 1)	EACH	1.00	350,000.000	350,000.00	
0030	553.20000101	WATERTIGHT ENCLOSURE WITH TREMIE SEAL PRECAST SLAB AND REMOVABLE COFFERDAM WALL SEGEMENTS	EACH	1.00	400,000.000	400,000.00	
0032	553.20000201	WATERTIGHT ENCLOSURE WITH TREMIE SEAL PRECAST SLAB AND REMOVABLE COFFERDAM WALL SEGEMENTS	EACH	1.00	400,000.000	400,000.00	
0034	553.20000301	WATERTIGHT ENCLOSURE WITH TREMIE SEAL PRECAST SLAB AND REMOVABLE COFFERDAM WALL SEGEMENTS	EACH	1.00	400,000.000	400,000.00	
0036	555.08	FOOTING CONCRETE, CLASS HP	CY	2,481.00	780.000	1,935,180.00	
0038	555.09	CONCRETE FOR STRUCTURES, CLASS HP	CY	2,086.00	1,630.000	3,400,180.00	
0040	555.72940001	ARCHITECTURAL TREATMENT - VERTICAL CONCRETE SURFACES	SF	1,320.00	7.000	9,240.00	
0042	556.00020201	STEEL TIES (PERMANENT)	LF	2,305.00	18.000	41,490.00	
0044	556.0201	UNCOATED BAR REINFORCEMENT FOR CONCRETE STRUCTURES	LB	1,328,400.00	0.950	1,261,980.00	
0046	556.0202	EPOXY-COATED BAR REINFORCEMENT FOR STRUCTURES	LB	41,140.00	1.100	45,254.00	
0048	556.0203	GALVANIZED BAR REINFORCEMENT FOR STRUCTURES	LB	71,220.00	1.500	106,830.00	
0050	556.03	STUD SHEAR CONNECTORS FOR BRIDGES	EACH	53,814.00	2.500	134,535.00	
0052	557.00010001	PRECAST, POST TENSIONED CONCRETE DECK SYSTEM	SF	13,600.00	96.000	1,305,600.00	
0054	557.00020001	PRECAST, POST TENSIONED CONCRETE SIDEWALK	SF	4,264.00	70.000	298,480.00	

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COUNTY: Essex | ENGINEERING SHARE TITLE: BRIDGE SHARE

FEDERAL AID PROJECT NUMBER: | CONTRACTOR: FLATIRON CONSTRUCTORS INC

SEQ NO.	SPECIFICATION ITEM NUMBER	ITEM DESCRIPTION	UNITS	QUANTITY	PRICE	AMOUNT	ROUNDING
0056	557.0103	SUPERSTRUCTURE SLAB WITH INTEGRAL WEARING SURFACE - BOTTOM FORMWORK REQUIRED - TYPE 3 FRICTION	SY	9,797.00	560.000	5,486,320.00	
0058	557.01030001	ARCH SPAN CLOSURE PLACEMENT CONCRETE TYPE 3 FRICTION	CY	308.00	1,200.000	369,600.00	
0060	557.2003	STRUCTURAL APPROACH SLAB WITH INTEGRAL WEARING SURFACE - TYPE 3 FRICTION	SY	211.00	350.000	73,850.00	
0062	557.30	SIDEWALKS AND SAFETY WALKS	SY	3,341.00	100.000	334,100.00	
0064	558.02	LONGITUDINAL SAWCUT GROOVING OF STRUCTURAL SLAB SURFACE	SY	8,036.00	4.000	32,144.00	
0066	559.18960118	PROTECTIVE SEALING OF STRUCTURAL CONCRETE ON NEW BRIDGE DECKS AND BRIDGE DECK OVERLAYS	SF	143,042.00	0.800	114,433.60	
0068	560.0401	STONE MASONRY	SF	6,992.00	80.000	559,360.00	
0070	564.00010001	BRIDGE HANGER FABRICATION AND INSTALLATION	LS	100.00	1,000,000.000	1,000,000.00	
0072	564.0501	STRUCTURAL STEEL, TYPE 1	LS	100.00	16,000,000.000	16,000,000.00	
0074	564.0502	STRUCTURAL STEEL, TYPE 2	LS	100.00	8,210,000.000	8,210,000.00	
0076	564.40000116	HIGH PERFORMANCE STEEL, HPS GRADE 70W	LS	100.00	280,000.000	280,000.00	
0078	564.40000216	HIGH PERFORMANCE STEEL, HPS GRADE 70W	LS	100.00	18,000.000	18,000.00	
0080	565.1523	TYPE M.R. EXPANSION BEARING (451 TO 675 KIPS)	EACH	10.00	6,500.000	65,000.00	
0082	565.1525	TYPE M.R. EXPANSION BEARING (OVER 900 KIPS)	EACH	29.00	8,500.000	246,500.00	
0084	565.1725	TYPE M.R. FIXED BEARING (OVER 900 KIPS)	EACH	10.00	6,500.000	65,000.00	
0086	565.50010101	ELASTIC SUPPORT	EACH	8.00	12,000.000	96,000.00	
0088	566.02	MODULAR EXPANSION JOINT SYSTEM - TWO CELL	LF	114.00	1,100.000	125,400.00	
0090	566.03	MODULAR EXPANSION JOINT SYSTEM - THREE CELL	LF	48.00	1,500.000	72,000.00	
0092	566.04	MODULAR EXPANSION JOINT SYSTEM - FOUR CELL	LF	48.00	1,900.000	91,200.00	
0094	568.50	STEEL BRIDGE RAILING (TWO RAIL)	LF	4,540.00	110.000	499,400.00	
0096	568.70	TRANSITION BRIDGE RAILING	LF	128.00	120.000	15,360.00	
0098	568.80010010	ORNAMENTAL PEDESTRIAN RAILING	LF	4,540.00	125.000	567,500.00	
0100	572.00010001	METALIZING	LS	100.00	4,500,000.000	4,500,000.00	
0102	572.010001	STRUCTURAL STEEL PAINT SYSTEM: SHOP APPLIED	SF	16,800.00	8.500	142,800.00	
0104	576.02	SCUPPERS (TYPE B)	EACH	22.00	2,000.000	44,000.00	
0106	608.0101	CONCRETE SIDEWALKS AND DRIVEWAYS	CY	6.00	420.000	2,520.00	
0108	609.0302	STONE CURB - BRIDGE (TYPE F1)	LF	4,540.00	29.000	131,660.00	

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COUNTY: Essex | ENGINEERING SHARE TITLE: BRIDGE SHARE

FEDERAL AID PROJECT NUMBER: | CONTRACTOR: FLATIRON CONSTRUCTORS INC

SEQ NO.	SPECIFICATION ITEM NUMBER	ITEM DESCRIPTION	UNITS	QUANTITY	PRICE	AMOUNT	ROUNDING
0110	619.01	BASIC WORK ZONE TRAFFIC CONTROL	LS	28.60	75,000.000	21,450.00	
0112	625.01	SURVEY OPERATIONS	LS	85.70	250,000.000	214,250.00	
0114	625.10010101	SURVEY GRADE GPS UNIT	CW	80.00	480.000	38,400.00	
0116	625.10010201	SURVEY GRADE GPS UNIT	CW	80.00	480.000	38,400.00	
0118	634.99010017	BUILDING CONDITION SURVEY	LS	100.00	11,000.000	11,000.00	
0120	634.99020017	VIBRATION MONITORING (NONBLASTING)	LS	100.00	27,000.000	27,000.00	
0122	637.01	LABORATORY BUILDING	EACH	1.00	35,000.000	35,000.00	
0124	637.03	CONCRETE CYLINDER CURING BOX	EACH	1.00	4,500.000	4,500.00	
0126	637.14	ENGINEER'S FIELD OFFICE - TYPE 4	MNTH	20.00	20,000.000	400,000.00	
0128	637.21	MOBILE TELEPHONE	DC	24,000.00	1.000	24,000.00	
0130	637.23	TWO-WAY RADIO SYSTEM	MNTH	20.00	2,200.000	44,000.00	
0132	637.25	DIGITAL CAMCORDER	DC	1,500.00	1.000	1,500.00	
0134	637.32	INSPECTION BOAT - TYPE A	MNTH	20.00	1,100.000	22,000.00	
0136	637.34	OFFICE TECHNOLOGY AND SUPPLIES	DC	1,000.00	1.000	1,000.00	
0138	637.35	PARTNERING WORKSHOP	DC	5,000.00	1.000	5,000.00	
0140	637.40000120	WEBCAM SYSTEM	MNTH	20.00	800.000	16,000.00	
0142	639.10230011	CPM (CRITICAL PATH METHOD) PROGRESS SCHEDULE - TYPE 3	LS	100.00	200,000.000	200,000.00	
0144	665.00030001	VERTICAL CLEARANCE GAUGE	LS	100.00	5,000.000	5,000.00	
0146	665.98000001	NAVIGATION LIGHTS	LS	100.00	14,000.000	14,000.00	
0148	670.2001	GALVANIZED STEEL CONDUIT, 3/4"	LF	1,000.00	19.000	19,000.00	
0150	670.2002	GALVANIZED STEEL CONDUIT, 1"	LF	2,400.00	15.500	37,200.00	
0152	670.2003	GALVANIZED STEEL CONDUIT, 2"	LF	18,950.00	22.000	416,900.00	
0154	670.2303	GALVANIZED STEEL PLASTIC COATED CONDUIT, 1"	LF	1,600.00	33.000	52,800.00	
0156	670.3010	PULLBOXES 7.6 CUBIC FEET TO 10 CUBIC FEET, INSIDE VOLUME (LIGHTING)	EACH	2.00	2,600.000	5,200.00	
0158	670.40	CAST IRON JUNCTION BOXES	EACH	46.00	310.000	14,260.00	
0160	670.7003	SINGLE CONDUCTOR CABLE, NUMBER 4 GAGE	LF	12,600.00	2.100	26,460.00	
0162	670.7004	SINGLE CONDUCTOR CABLE, NUMBER 6 GAGE	LF	33,250.00	2.100	69,825.00	
0164	670.7007	SINGLE CONDUCTOR CABLE, NUMBER 12 GAGE	LF	11,200.00	1.100	12,320.00	
0166	670.7040	SINGLE CONDUCTOR CABLE, NUMBER 4/0 GAGE	LF	8,650.00	7.200	62,280.00	
0168	670.7501	GROUND WIRE NO. 6 AWG	LF	5,200.00	3.600	18,720.00	
0170	670.90000001	ELECTRICAL SERVICE TO THE BRIDGE	LS	100.00	19,000.000	19,000.00	
0172	670.91000001	HANDRAIL LED LIGHT STRIP SYSTEM	LS	100.00	85,000.000	85,000.00	
0174	670.92000001	LED LIGHT ROPE	LS	100.00	12,500.000	12,500.00	
0176	670.93000001	45W LED COMPACT FLOODLIGHT	EACH	66.00	800.000	52,800.00	
0178	691.03000020	TRAINING REQUIREMENTS	DC	1,000.00	1.000	1,000.00	
0180	697.03	FIELD CHANGE PAYMENT	DC	2,140,000.00	1.000	2,140,000.00	
0182	698.05	FUEL PRICE ADJUSTMENT	DC	100.00	1.000	100.00	
0184	698.06	STEEL/IRON PRICE ADJUSTMENT	DC	100.00	1.000	100.00	

NEW YORK STATE DEPARTMENT OF TRANSPORTATION
 DIVISION OF CONSTRUCTION
 CONSTRUCTION CONTRACT ESTIMATE (CONR20)

 DOT CONTRACT NUMBER: D261458 | NYS PROJECT NUMBER: 1805.81.000 | FISCAL SHARE: 01 | ENGINEERING SHARE: 001

COUNTY: Essex | ENGINEERING SHARE TITLE: BRIDGE SHARE

FEDERAL AID PROJECT NUMBER: | CONTRACTOR: FLATIRON CONSTRUCTORS INC

SEQ NO.	SPECIFICATION ITEM NUMBER	ITEM DESCRIPTION	UNITS	QUANTITY	PRICE	AMOUNT	ROUNDING
0186	698.93940015	INCENTIVE PAYMENTS/DISINCENTIVE ASSESSMENTS FOR WORK SUBJECT TO THE SPECIAL NOTE 'INCENTIVE/ DISINCENTIVE CLAUSE'	LS	100.00	1,500,000.000	1,500,000.00	
0188	699.040001	MOBILIZATION	LS	92.80	2,677,460.300	2,484,683.16	
					ENGINEERING SHARE BID TOTAL	66,553,417.76	
		PARTICIPANT TO BE DETERMINE		FUND TYPE TO BE DETERMINE	%	BID AMOUNT	
					100	66,553,417.76	
					ENGINEERING SHARE GRAND TOTAL	66,553,417.76	

 DOT CONTRACT NUMBER: D261458 | NYS PROJECT NUMBER: 1805.81.000 | FISCAL SHARE: 01 | ENGINEERING SHARE: 002

COUNTY: Essex | ENGINEERING SHARE TITLE: NEW YORK APPROACH

FEDERAL AID PROJECT NUMBER: | CONTRACTOR: FLATIRON CONSTRUCTORS INC

SEQ NO.	SPECIFICATION ITEM NUMBER	ITEM DESCRIPTION	UNITS	QUANTITY	PRICE	AMOUNT	ROUNDING
0190	201.06	CLEARING AND GRUBBING	LS	25.00	20,000.000	5,000.00	
0192	202.110001	DISMANTLING AND STORING EXISTING SUPERSTRUCTURES	LS	100.00	170,000.000	170,000.00	
0194	203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	3,034.00	13.000	39,442.00	
0196	203.03	EMBANKMENT IN PLACE	CY	1,400.00	14.000	19,600.00	
0198	203.03090017	LIGHTWEIGHT CONCRETE FILL (TYPE B)	CY	460.00	180.000	82,800.00	
0200	203.03950017	EXPANDED POLYSTYRENE FILL	CF	12,500.00	3.700	46,250.00	
0202	203.07	SELECT GRANULAR FILL	CY	122.00	40.000	4,880.00	
0204	203.21	SELECT STRUCTURE FILL	CY	25.00	27.000	675.00	
0206	203.24000015	SHOULDER BACKUP MATERIAL	TON	10.00	54.000	540.00	
0208	204.01	CONTROLLED LOW STRENGTH MATERIAL (CLSM)	CY	23.00	230.000	5,290.00	
0210	206.02	TRENCH AND CULVERT EXCAVATION	CY	399.00	37.000	14,763.00	
0212	206.05	TEST PIT EXCAVATION	EACH	10.00	700.000	7,000.00	
0214	207.20	GEOTEXTILE BEDDING	SY	52.00	4.500	234.00	
0216	207.21	GEOTEXTILE SEPARATION	SY	2,000.00	2.400	4,800.00	
0218	209.1002	STRAW/WOOD FIBER MULCH - TEMPORARY	SY	1,000.00	0.800	800.00	
0220	209.13	SILT FENCE-TEMPORARY	LF	1,284.00	3.200	4,108.80	
0222	209.15010024	TURBIDITY CURTAIN	LF	2,058.00	35.000	72,030.00	
0224	209.1701	DRAINAGE STRUCTURE INLET PROTECTION, SILT FENCE - TEMPORARY	LF	17.00	6.500	110.50	
0226	209.22	CONSTRUCTION ENTRANCE	SY	180.00	22.000	3,960.00	
0228	209.23	PIPE INLET/OUTLET PROTECTION, SILT FENCE - TEMPORARY	LF	45.00	8.000	360.00	
0230	304.12	SUBBASE COURSE, TYPE 2	CY	850.00	49.000	41,650.00	
0232	402.018901	TRUE & LEVELING F9, SUPERPAVE HMA, 80 SERIES COMPACTION	TON	80.00	130.000	10,400.00	
0234	402.018911	PLANT PRODUCTION QUALITY ADJUSTMENT TO 402.018901	QU	4.00	70.000	280.00	
0236	402.098301	9.5 F3 TOP COURSE HMA, 80 SERIES COMPACTION	TON	220.00	120.000	26,400.00	
0238	402.098311	PLANT PRODUCTION QUALITY ADJUSTMENT TO 402.098301	QU	11.00	70.000	770.00	
0240	402.198901	19 F9 BINDER COURSE HMA, 80 SERIES COMPACTION	TON	230.00	105.000	24,150.00	
0242	402.198911	PLANT PRODUCTION QUALITY ADJUSTMENT TO 402.198901	QU	12.00	70.000	840.00	
0244	402.378901	37.5 F9 BASE COURSE HMA, 80 SERIES COMPACTION	TON	580.00	95.000	55,100.00	
0246	402.378911	PLANT PRODUCTION QUALITY ADJUSTMENT 402.378901	QU	29.00	70.000	2,030.00	
0248	407.0101	TACK COAT	GAL	200.00	14.000	2,800.00	

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COUNTY: Essex | ENGINEERING SHARE TITLE: NEW YORK APPROACH

FEDERAL AID PROJECT NUMBER: | CONTRACTOR: FLATIRON CONSTRUCTORS INC

SEQ NO.	SPECIFICATION ITEM NUMBER	ITEM DESCRIPTION	UNITS	QUANTITY	PRICE	AMOUNT	ROUNDING
0250	490.30	MISCELLANEOUS COLD MILLING OF BITUMINOUS CONCRETE	SY	560.00	18.000	10,080.00	
0252	520.50140008	SAW CUTTING, ASPHALT PAVEMENT, ASPHALT SURFACE COURSE, CONCRETE PAVEMENT OR ASPHALT OVERLAY ON CONCRETE PAVEMENT	LF	242.00	2.100	508.20	
0254	552.16	EXCAVATION PROTECTION SYSTEM	SF	806.00	1.100	886.60	
0256	568.80010010	ORNAMENTAL PEDESTRIAN RAILING	LF	178.00	125.000	22,250.00	
0258	603.171814	GALVANIZED STEEL END SECTIONS-PIPE (2-2/3" X 1/2" CORRUGATIONS) 36 INCH DIAMETER, 14 GAUGE	EACH	2.00	650.000	1,300.00	
0260	603.6001	REINFORCED CONCRETE PIPE CLASS III, 12 INCH DIAMETER	LF	170.00	50.000	8,500.00	
0262	603.6003	REINFORCED CONCRETE PIPE CLASS III, 18 INCH DIAMETER	LF	244.00	55.000	13,420.00	
0264	603.6005	REINFORCED CONCRETE PIPE CLASS III, 24 INCH DIAMETER	LF	68.00	78.000	5,304.00	
0266	603.7305	REINFORCED CONCRETE PIPE END SECTIONS 24 INCH DIAMETER	EACH	2.00	1,700.000	3,400.00	
0268	603.9830	SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORM DRAIN 30 INCH DIAMETER	LF	42.00	78.000	3,276.00	
0270	604.301772	RECTANGULAR DRAINAGE STRUCTURE TYPE Q FOR CAST IRON F2 FRAME	LF	17.00	330.000	5,610.00	
0272	604.301873	RECTANGULAR DRAINAGE STRUCTURE TYPE R FOR CAST IRON F3 FRAME	LF	8.00	390.000	3,120.00	
0274	604.4060	ROUND PRECAST CONCRETE MANHOLE TYPE 60	LF	7.00	450.000	3,150.00	
0276	604.4072	ROUND PRECAST CONCRETE MANHOLE TYPE 72	LF	7.40	650.000	4,810.00	
0278	605.1001	UNDERDRAIN FILTER TYPE 2	CY	45.00	85.000	3,825.00	
0280	605.1701	OPTIONAL UNDERDRAIN PIPE, 4 INCH DIAMETER	LF	717.00	6.500	4,660.50	
0282	606.10	BOX BEAM GUIDE RAILING	LF	348.00	26.000	9,048.00	
0284	606.1203	BOX BEAM END ASSEMBLY, TYPE III	EACH	2.00	4,500.000	9,000.00	
0286	606.73	REMOVING AND DISPOSING BOX BEAM GUIDE RAILING	LF	470.00	2.700	1,269.00	
0288	606.7920	REMOVING AND DISPOSING BOX BEAM GUIDE RAILING END ASSEMBLY	EACH	2.00	78.000	156.00	
0290	607.95000008	REMOVE AND STORE EXISTING FENCE	LF	53.00	28.000	1,484.00	
0292	608.0101	CONCRETE SIDEWALKS AND DRIVEWAYS	CY	70.00	420.000	29,400.00	
0294	608.020101	ASPHALT CONCRETE SIDEWALKS, DRIVEWAYS AND BICYCLE PATHS	TON	19.00	215.000	4,085.00	
0296	608.020110	PLANT PRODUCTION QUALITY ADJUSTMENT TO 608.020101 M	QU	1.00	70.000	70.00	

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COUNTY: Essex | ENGINEERING SHARE TITLE: NEW YORK APPROACH

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SEQ NO.	SPECIFICATION ITEM NUMBER	ITEM DESCRIPTION	UNITS	QUANTITY	PRICE	AMOUNT	ROUNDING
0298	608.21	EMBEDDED DETECTABLE WARNING UNITS	SY	4.00	310.000	1,240.00	
0300	609.0201	STONE CURB, GRANITE, (TYPE A)	LF	788.00	24.000	18,912.00	
0302	610.0203	ESTABLISHING TURF	ACRE	0.30	4,000.000	1,200.00	
0304	613.02	PLACING TOPSOIL-TYPE A	CY	160.00	72.000	11,520.00	
0306	615.04020008	TREE/VEGETATION PROTECTION BARRIER	LF	650.00	4.500	2,925.00	
0308	619.01	BASIC WORK ZONE TRAFFIC CONTROL	LS	35.70	75,000.000	26,775.00	
0310	619.04	TYPE III CONSTRUCTION BARRICADE	EACH	22.00	125.000	2,750.00	
0312	619.0901	TEMPORARY PAVEMENT MARKINGS STRIPES (TRAFFIC PAINT)	LF	1,000.00	0.550	550.00	
0314	619.100101	INTERIM PAVEMENT MARKINGS, STRIPES (TRAFFIC PAINT)	LF	1,000.00	0.550	550.00	
0316	619.110202	PORTABLE, VARIABLE MESSAGE SIGN (PVMS) (LED) (CELLULAR COMMUNICATIONS)	EACH	1.00	21,000.000	21,000.00	
0318	620.03	STONE FILLING (LIGHT)	CY	14.30	110.000	1,573.00	
0320	623.12	CRUSHED STONE (IN-PLACE MEASURE)	CY	95.00	60.000	5,700.00	
0322	625.01	SURVEY OPERATIONS	LS	7.20	250,000.000	18,000.00	
0324	632.1004	PRECAST MODULAR WALL, NO COLOR, ARCHITECTURAL PATTERN (FORM LINER OR STAMPED)	SF	1,300.00	45.000	58,500.00	
0326	645.5101	GROUND-MOUNTED SIGN PANELS WITHOUT Z-BARS	SF	1.55	24.000	37.20	
0328	645.5102	GROUND-MOUNTED SIGN PANELS LESS THAN OR EQUAL TO 30 SF, WITH Z-BARS	SF	20.50	24.000	492.00	
0330	645.5103	GROUND-MOUNTED SIGN PANELS GREATER THAN 30 SF WITH Z-BARS	SF	118.30	25.000	2,957.50	
0332	645.5202	GROUND-MOUNTED SIGN PANELS LESS THAN OR EQUAL TO 30 SF, WITH Z-BARS, HIGH-VISIBILITY SHEETING	SF	33.00	26.000	858.00	
0334	645.81	TYPE A SIGN POSTS	EACH	10.00	105.000	1,050.00	
0336	645.830202	TYPE B SIGN POST, GALVANIZED, W6X9 SECTION, BI-DIRECTIONAL BREAKAWAY BASE	EACH	2.00	1,550.000	3,100.00	
0338	646.0601	DELINEATOR, SINGLE UNIT, ONE WAY ON POST	EACH	9.00	37.000	333.00	
0340	646.0701	REFERENCE MARKER, 4 FOOT MOUNTING HEIGHT	EACH	1.00	48.000	48.00	
0342	646.0801	SNOWPLOWING MARKER, SINGLE UNIT	EACH	1.00	48.000	48.00	
0344	646.0802	SNOWPLOWING MARKER, DOUBLE UNIT	EACH	1.00	50.000	50.00	
0346	647.01	REMOVAL OF SIGNS - SIZE A (0-10 SQUARE FEET)	EACH	5.00	17.000	85.00	
0348	647.02	REMOVAL OF SIGNS - SIZE B (11 TO 20 SQUARE FEET)	EACH	4.00	26.000	104.00	
0350	647.03	REMOVAL OF SIGNS-SIZE C (21 TO 40 SQUARE FEET)	EACH	1.00	105.000	105.00	

 DOT CONTRACT NUMBER: D261458 | NYS PROJECT NUMBER: 1805.81.000 | FISCAL SHARE: 01 | ENGINEERING SHARE: 002

COUNTY: Essex | ENGINEERING SHARE TITLE: NEW YORK APPROACH

FEDERAL AID PROJECT NUMBER: | CONTRACTOR: FLATIRON CONSTRUCTORS INC

SEQ NO.	SPECIFICATION ITEM NUMBER	ITEM DESCRIPTION	UNITS	QUANTITY	PRICE	AMOUNT	ROUNDING
0352	647.04	REMOVAL OF SIGNS - SIZE D (41 TO 100 SQUARE FEET)	EACH	1.00	250.000	250.00	
0354	647.11	RELOCATING SIGNS SIZE A (0 TO 10 SQUARE FEET)	EACH	1.00	170.000	170.00	
0356	655.0705	CAST FRAME F2, UNMOUNTABLE CURB BOX CU2 & RETICULINE GRATE G2	EACH	4.00	1,300.000	5,200.00	
0358	655.0706	CAST FRAME F3, UNMOUNTABLE CURB BOX CU3 & RETICULINE GRATE G3	EACH	2.00	1,500.000	3,000.00	
0360	655.1202	MANHOLE FRAME AND COVER	EACH	2.00	670.000	1,340.00	
0362	670.80	REMOVE AND STORE LAMPPOST ASSEMBLY	EACH	5.00	450.000	2,250.00	
0364	670.82	REMOVE LAMPPOST FOUNDATION	EACH	5.00	385.000	1,925.00	
0366	685.01	WHITE EPOXY REFLECTORIZED PAVEMENT STRIPES - 15 MILS	LF	2,500.00	0.800	2,000.00	
0368	685.02	YELLOW EPOXY REFLECTORIZED PAVEMENT STRIPES-15 MILS	LF	2,500.00	0.840	2,100.00	
0370	685.11	WHITE EPOXY REFLECTORIZED PAVEMENT STRIPES - 20 MILS	LF	1,140.00	0.950	1,083.00	
0372	685.12	YELLOW EPOXY REFLECTORIZED PAVEMENT STRIPES - 20 MILS	LF	1,140.00	0.950	1,083.00	
0374	688.01	WHITE PREFORMED REFLECTORIZED PAVEMENT STRIPES	LF	460.00	2.050	943.00	
0376	697.03	FIELD CHANGE PAYMENT	DC	46,000.00	1.000	46,000.00	
0378	698.04	ASPHALT PRICE ADJUSTMENT	DC	100.00	1.000	100.00	
0380	698.05	FUEL PRICE ADJUSTMENT	DC	100.00	1.000	100.00	
0382	699.040001	MOBILIZATION	LS	3.80	2,677,460.300	101,743.49	
0604	625.04	CONCRETE RIGHT-OF-WAY MARKER TYPE L (LOW)	EACH	14.00	275.000	3,850.00	

ENGINEERING SHARE BID TOTAL 1,149,275.79

PARTICIPANT TO BE DETERMINE	FUND TYPE TO BE DETERMINE	%	BID AMOUNT
		100	1,149,275.79

ENGINEERING SHARE GRAND TOTAL 1,149,275.79

 DOT CONTRACT NUMBER: D261458 | NYS PROJECT NUMBER: 1805.81.000 | FISCAL SHARE: 01 | ENGINEERING SHARE: 003

COUNTY: Essex | ENGINEERING SHARE TITLE: VERMONT APPROACH

FEDERAL AID PROJECT NUMBER: | CONTRACTOR: FLATIRON CONSTRUCTORS INC

SEQ NO.	SPECIFICATION ITEM NUMBER	ITEM DESCRIPTION	UNITS	QUANTITY	PRICE	AMOUNT	ROUNDING
0384	201.06	CLEARING AND GRUBBING	LS	75.00	20,000.000	15,000.00	
0386	202.110002	DISMANTLING AND STORING EXISTING SUPERSTRUCTURES	LS	100.00	170,000.000	170,000.00	
0388	203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	4,850.00	13.000	63,050.00	
0390	203.03	EMBANKMENT IN PLACE	CY	1,685.00	14.000	23,590.00	
0394	203.05	SELECT BORROW	CY	550.00	30.000	16,500.00	
0396	203.07	SELECT GRANULAR FILL	CY	141.00	40.000	5,640.00	
0398	203.21	SELECT STRUCTURE FILL	CY	120.00	27.000	3,240.00	
0400	203.24000015	SHOULDER BACKUP MATERIAL	TON	22.00	54.000	1,188.00	
0402	204.01	CONTROLLED LOW STRENGTH MATERIAL (CLSM)	CY	3.00	230.000	690.00	
0404	206.01	STRUCTURE EXCAVATION	CY	1,320.00	15.000	19,800.00	
0406	206.02	TRENCH AND CULVERT EXCAVATION	CY	531.00	37.000	19,647.00	
0408	206.05	TEST PIT EXCAVATION	EACH	10.00	700.000	7,000.00	
0410	207.20	GEOTEXTILE BEDDING	SY	86.00	4.500	387.00	
0412	207.22	GEOTEXTILE DRAINAGE	SY	731.00	3.000	2,193.00	
0414	209.010100VT	EROSION PREVENTION & SEDIMENT CONTROL PLAN (VERMONT)	LS	100.00	14,000.000	14,000.00	
0416	209.010200VT	MONITORING EROSION PREVENTION & SEDIMENT CONTROL PLAN (VERMONT)	HOUR	1,000.00	31.000	31,000.00	
0418	209.010300VT	MAINTENANCE OF EROSION PREVENTION & SEDIMENT CONTROL (VERMONT)	LS	100.00	128,500.000	128,500.00	
0420	209.1002	STRAW/WOOD FIBER MULCH - TEMPORARY	SY	1,000.00	0.800	800.00	
0422	209.110102	CHECK DAM (DITCH BOTTOM WIDTH > 3' TO 6'), STONE-TEMPORARY	EACH	4.00	300.000	1,200.00	
0424	209.13	SILT FENCE-TEMPORARY	LF	1,100.00	3.200	3,520.00	
0426	209.15010024	TURBIDITY CURTAIN	LF	2,585.00	35.000	90,475.00	
0428	209.1701	DRAINAGE STRUCTURE INLET PROTECTION, SILT FENCE - TEMPORARY	LF	17.00	6.500	110.50	
0430	209.1901	ROLLED EROSION CONTROL PRODUCT, CLASS II TYPE A, INTERMEDIATE	SY	1,086.00	3.100	3,366.60	
0432	209.200301	ROLLED EROSION CONTROL PRODUCT, CLASS III TYPE C, PERMANENT	SY	185.00	5.500	1,017.50	
0434	209.22	CONSTRUCTION ENTRANCE	SY	180.00	22.000	3,960.00	
0436	211.02	SOIL NAIL WALL SYSTEM (PERMANENT)	SF	5,000.00	36.000	180,000.00	
0438	304.12	SUBBASE COURSE, TYPE 2	CY	1,650.00	49.000	80,850.00	
0440	402.098301	9.5 F3 TOP COURSE HMA, 80 SERIES COMPACTION	TON	190.00	120.000	22,800.00	
0442	402.098311	PLANT PRODUCTION QUALITY ADJUSTMENT TO 402.098301	QU	10.00	70.000	700.00	
0444	402.198901	19 F9 BINDER COURSE HMA, 80 SERIES COMPACTION	TON	260.00	105.000	27,300.00	

 DOT CONTRACT NUMBER: D261458 | NYS PROJECT NUMBER: 1805.81.000 | FISCAL SHARE: 01 | ENGINEERING SHARE: 003

COUNTY: Essex | ENGINEERING SHARE TITLE: VERMONT APPROACH

FEDERAL AID PROJECT NUMBER: | CONTRACTOR: FLATIRON CONSTRUCTORS INC

SEQ NO.	SPECIFICATION ITEM NUMBER	ITEM DESCRIPTION	UNITS	QUANTITY	PRICE	AMOUNT	ROUNDING
0446	402.198911	PLANT PRODUCTION QUALITY ADJUSTMENT TO 402.198901	QU	13.00	70.000	910.00	
0448	402.378901	37.5 F9 BASE COURSE HMA, 80 SERIES COMPACTION	TON	590.00	95.000	56,050.00	
0450	402.378911	PLANT PRODUCTION QUALITY ADJUSTMENT 402.378901	QU	30.00	70.000	2,100.00	
0452	407.0101	TACK COAT	GAL	200.00	14.000	2,800.00	
0454	520.50140008	SAW CUTTING, ASPHALT PAVEMENT, ASPHALT SURFACE COURSE, CONCRETE PAVEMENT OR ASPHALT OVERLAY ON CONCRETE PAVEMENT	LF	28.00	2.100	58.80	
0456	552.16	EXCAVATION PROTECTION SYSTEM	SF	213.00	1.100	234.30	
0458	554.18000017	COMPOSITE REINFORCED EROSION CONTROL MATERIAL COVER FOR LAUNCHED SOIL NAIL SLOPE	SF	5,000.00	40.000	200,000.00	
0460	568.80010010	ORNAMENTAL PEDESTRIAN RAILING	LF	120.00	125.000	15,000.00	
0462	603.6003	REINFORCED CONCRETE PIPE CLASS III, 18 INCH DIAMETER	LF	396.00	55.000	21,780.00	
0464	603.7303	REINFORCED CONCRETE PIPE END SECTIONS 18 INCH DIAMETER	EACH	1.00	1,100.000	1,100.00	
0466	604.301772	RECTANGULAR DRAINAGE STRUCTURE TYPE Q FOR CAST IRON F2 FRAME	LF	35.00	330.000	11,550.00	
0468	604.301873	RECTANGULAR DRAINAGE STRUCTURE TYPE R FOR CAST IRON F3 FRAME	LF	5.00	390.000	1,950.00	
0470	604.4048	ROUND PRECAST CONCRETE MANHOLE TYPE 48	LF	8.00	350.000	2,800.00	
0472	605.0901	UNDERDRAIN FILTER TYPE 1	CY	108.20	70.000	7,574.00	
0474	605.1001	UNDERDRAIN FILTER TYPE 2	CY	27.00	85.000	2,295.00	
0476	605.1702	OPTIONAL UNDERDRAIN PIPE, 6 INCH DIAMETER	LF	834.60	7.500	6,259.50	
0478	606.10	BOX BEAM GUIDE RAILING	LF	437.00	26.000	11,362.00	
0480	606.100001	BOX BEAM GUIDE RAILING (SHOP CURVED)	LF	265.00	27.000	7,155.00	
0482	606.1201	BOX BEAM GUIDE RAIL END ASSEMBLY, TYPE I	EACH	1.00	380.000	380.00	
0484	606.1203	BOX BEAM END ASSEMBLY, TYPE III	EACH	2.00	4,500.000	9,000.00	
0486	606.73	REMOVING AND DISPOSING BOX BEAM GUIDE RAILING	LF	717.00	2.700	1,935.90	
0488	606.7920	REMOVING AND DISPOSING BOX BEAM GUIDE RAILING END ASSEMBLY	EACH	2.00	78.000	156.00	
0490	607.0522	VINYL COATED STEEL CHAIN-LINK FENCE ON PLASTIC COATED FRAME WITH TOP TENSION WIRE 1830 MILLIMETER HIGH	LF	183.00	30.000	5,490.00	
0492	607.96000001	WOODEN PEDESTRIAN RAILING	LF	264.00	50.000	13,200.00	
0494	608.0101	CONCRETE SIDEWALKS AND DRIVEWAYS	CY	45.00	420.000	18,900.00	

 DOT CONTRACT NUMBER: D261458 | NYS PROJECT NUMBER: 1805.81.000 | FISCAL SHARE: 01 | ENGINEERING SHARE: 003

COUNTY: Essex | ENGINEERING SHARE TITLE: VERMONT APPROACH

FEDERAL AID PROJECT NUMBER: | CONTRACTOR: FLATIRON CONSTRUCTORS INC

SEQ NO.	SPECIFICATION ITEM NUMBER	ITEM DESCRIPTION	UNITS	QUANTITY	PRICE	AMOUNT	ROUNDING
0496	608.020101	ASPHALT CONCRETE SIDEWALKS, DRIVEWAYS AND BICYCLE PATHS	TON	3.50	215.000	752.50	
0498	608.020110	PLANT PRODUCTION QUALITY ADJUSTMENT TO 608.020101 M	QU	1.00	70.000	70.00	
0500	608.21	EMBEDDED DETECTABLE WARNING UNITS	SY	3.00	310.000	930.00	
0502	609.0201	STONE CURB, GRANITE, (TYPE A)	LF	955.00	24.000	22,920.00	
0504	610.0203	ESTABLISHING TURF	ACRE	0.36	4,000.000	1,440.00	
0506	613.02	PLACING TOPSOIL-TYPE A	CY	178.00	72.000	12,816.00	
0508	614.0344	TREE REMOVAL OVER 18" TO 24" DIAM. BREAST HIGH STUMP GRUBBED	EACH	2.00	900.000	1,800.00	
0510	615.04020008	TREE/VEGETATION PROTECTION BARRIER	LF	2,732.00	4.500	12,294.00	
0512	615.040200VT	BARRIER FENCE (VERMONT)	LF	591.00	4.500	2,659.50	
0514	619.01	BASIC WORK ZONE TRAFFIC CONTROL	LS	35.70	75,000.000	26,775.00	
0516	619.04	TYPE III CONSTRUCTION BARRICADE	EACH	24.00	125.000	3,000.00	
0518	619.0901	TEMPORARY PAVEMENT MARKINGS STRIPES (TRAFFIC PAINT)	LF	1,000.00	0.550	550.00	
0520	619.100101	INTERIM PAVEMENT MARKINGS, STRIPES (TRAFFIC PAINT)	LF	1,000.00	0.550	550.00	
0522	619.110202	PORTABLE, VARIABLE MESSAGE SIGN (PVMS) (LED) (CELLULAR COMMUNICATIONS)	EACH	1.00	21,000.000	21,000.00	
0524	619.27	MAILBOXES	EACH	1.00	190.000	190.00	
0526	620.04	STONE FILLING (MEDIUM)	CY	28.00	100.000	2,800.00	
0528	623.12	CRUSHED STONE (IN-PLACE MEASURE)	CY	93.00	60.000	5,580.00	
0530	625.01	SURVEY OPERATIONS	LS	7.10	250,000.000	17,750.00	
0532	632.1004	PRECAST MODULAR WALL, NO COLOR, ARCHITECTURAL PATTERN (FORM LINER OR STAMPED)	SF	3,550.00	45.000	159,750.00	
0534	645.5101	GROUND-MOUNTED SIGN PANELS WITHOUT Z-BARS	SF	24.30	24.000	583.20	
0536	645.5102	GROUND-MOUNTED SIGN PANELS LESS THAN OR EQUAL TO 30 SF, WITH Z-BARS	SF	36.00	24.000	864.00	
0538	645.5201	GROUND-MOUNTED SIGN PANELS WITHOUT Z-BARS HIGH-VISIBILITY SHEETING	SF	18.00	25.000	450.00	
0540	645.5202	GROUND-MOUNTED SIGN PANELS LESS THAN OR EQUAL TO 30 SF, WITH Z-BARS, HIGH-VISIBILITY SHEETING	SF	33.00	26.000	858.00	
0542	645.81	TYPE A SIGN POSTS	EACH	18.00	105.000	1,890.00	
0544	646.0601	DELINEATOR, SINGLE UNIT, ONE WAY ON POST	EACH	6.00	37.000	222.00	
0546	646.0602	DELINEATOR, SINGLE UNIT, BACK TO BACK ON POST	EACH	6.00	28.000	168.00	
0548	646.0701	REFERENCE MARKER, 4 FOOT MOUNTING HEIGHT	EACH	1.00	48.000	48.00	

NEW YORK STATE DEPARTMENT OF TRANSPORTATION
 DIVISION OF CONSTRUCTION
 CONSTRUCTION CONTRACT ESTIMATE (CONR20)

 DOT CONTRACT NUMBER: D261458 | NYS PROJECT NUMBER: 1805.81.000 | FISCAL SHARE: 01 | ENGINEERING SHARE: 003

 COUNTY: Essex | ENGINEERING SHARE TITLE: VERMONT APPROACH

 FEDERAL AID PROJECT NUMBER: | CONTRACTOR: FLATIRON CONSTRUCTORS INC

SEQ NO.	SPECIFICATION ITEM NUMBER	ITEM DESCRIPTION	UNITS	QUANTITY	PRICE	AMOUNT	ROUNDING
0550	646.0801	SNOWPLOWING MARKER, SINGLE UNIT	EACH	1.00	48.000	48.00	
0552	646.0802	SNOWPLOWING MARKER, DOUBLE UNIT	EACH	1.00	50.000	50.00	
0554	647.01	REMOVAL OF SIGNS - SIZE A (0-10 SQUARE FEET)	EACH	6.00	17.000	102.00	
0556	647.02	REMOVAL OF SIGNS - SIZE B (11 TO 20 SQUARE FEET)	EACH	1.00	26.000	26.00	
0558	647.03	REMOVAL OF SIGNS-SIZE C (21 TO 40 SQUARE FEET)	EACH	1.00	105.000	105.00	
0560	655.0705	CAST FRAME F2, UNMOUNTABLE CURB BOX CU2 & RETICULINE GRATE G2	EACH	5.00	1,300.000	6,500.00	
0562	655.0706	CAST FRAME F3, UNMOUNTABLE CURB BOX CU3 & RETICULINE GRATE G3	EACH	1.00	1,500.000	1,500.00	
0564	655.1202	MANHOLE FRAME AND COVER	EACH	1.00	670.000	670.00	
0566	670.80	REMOVE AND STORE LAMPPOST ASSEMBLY	EACH	4.00	450.000	1,800.00	
0568	670.82	REMOVE LAMPPOST FOUNDATION	EACH	4.00	385.000	1,540.00	
0570	685.01	WHITE EPOXY REFLECTORIZED PAVEMENT STRIPES - 15 MILS	LF	2,020.00	0.800	1,616.00	
0572	685.02	YELLOW EPOXY REFLECTORIZED PAVEMENT STRIPES-15 MILS	LF	2,020.00	0.840	1,696.80	
0574	685.11	WHITE EPOXY REFLECTORIZED PAVEMENT STRIPES - 20 MILS	LF	1,240.00	0.950	1,178.00	
0576	685.12	YELLOW EPOXY REFLECTORIZED PAVEMENT STRIPES - 20 MILS	LF	1,240.00	0.950	1,178.00	
0578	688.01	WHITE PREFORMED REFLECTORIZED PAVEMENT STRIPES	LF	210.00	2.050	430.50	
0580	697.03	FIELD CHANGE PAYMENT	DC	64,000.00	1.000	64,000.00	
0582	698.04	ASPHALT PRICE ADJUSTMENT	DC	100.00	1.000	100.00	
0584	698.05	FUEL PRICE ADJUSTMENT	DC	100.00	1.000	100.00	
0586	699.040001	MOBILIZATION	LS	3.40	2,677,460.300	91,033.65	
0602	203.03250017	LIGHTWEIGHT EMBANKMENT IN PLACE (55 PCF) LOOSE DENSITY	CY	965.00	105.000	101,325.00	

ENGINEERING SHARE BID TOTAL 1,911,274.25

PARTICIPANT	FUND TYPE	%	BID AMOUNT
TO BE DETERMINE	TO BE DETERMINE	100	1,911,274.25

ENGINEERING SHARE GRAND TOTAL 1,911,274.25

NEW YORK STATE DEPARTMENT OF TRANSPORTATION
 DIVISION OF CONSTRUCTION
 CONSTRUCTION CONTRACT ESTIMATE (CONR20)

 DOT CONTRACT NUMBER: D261458 | NYS PROJECT NUMBER: 1805.81.000 | FISCAL SHARE: 01 | ENGINEERING SHARE: 003

 COUNTY: Essex | ENGINEERING SHARE TITLE: BRIDGE SHARE

 FEDERAL AID PROJECT NUMBER: | CONTRACTOR: FLATIRON CONSTRUCTORS INC

SEQ NO.	SPECIFICATION ITEM NUMBER	ITEM DESCRIPTION	UNITS	QUANTITY	PRICE	AMOUNT	ROUNDING
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FISCAL SHARE BID TOTAL 69,613,967.80

PARTICIPANT TO BE DETERMINE	FUND TYPE TO BE DETERMINE	%	BID AMOUNT
		100	69,613,967.80

FISCAL SHARE GRAND TOTAL 69,613,967.80

CONTRACT GRAND TOTAL 69,613,967.80