Department of Public Works Nassau County, N.Y.
Bid Sheets for Contract H66302V

Item No	Engineers Estimate	Item Description			
1S	10.00 EA	Job Information Sign			
1X	5,000.00 SY	Clearing and Grubbing			
2	250.00 CY	Unclassified Excavation			
3	200.00 CY	Trench, Culvert and Bridge Excavation			
4A	100.00 SY	Cement Concrete Breaking (Pavement)			
4B	50.00 CY	Cement Concrete Breaking (Structures)			
4PX	50.00 LF	Removal of Existing Pipe			
5A	100.00 CY	Embankment in Place			
5B	100.00 CY	Borrow Fill			
5C	200.00 CY	Selected Fill			
5D	50.00 CY	Selected Granular Fill			
6	50.00 CYM	Trucking			
7	1,000.00 SY	Preparing Fine Grade			
8X	200.00 SY	Trimming Shoulders and Slopes			

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Item No	Engineers Estimate	Item Description			
9	100.00 CY	Topsoil			
9R	50.00 CY	Topsoil (Rehandled)			
10A	100.00 SF	Temporary Sheeting and Bracing			
10A-1	100.00 SF	Excavation Protection System			
10B	100.00 SF	Temporary Sheeting and Bracing Ordered Left In Place			
12A-4-12	100.00 LF	Reinforced Concrete Pipe Class IV - 12" Diameter			
12A-4-15	100.00 LF	Reinforced Concrete Pipe Class IV - 15" Diameter			
12A-4-18	100.00 LF	Reinforced Concrete Pipe Class IV - 18" Diameter			
12A-4-24	100.00 LF	Reinforced Concrete Pipe Class IV - 24" Diameter			
12A-4-30	100.00 LF	Reinforced Concrete Pipe Class IV - 30" Diameter			
12A-4-36	100.00 LF	Reinforced Concrete Pipe Class IV - 36" Diameter			
12A-4-42	50.00 LF	Reinforced Concrete Pipe Class IV - 42" Diameter			
12A-4-48	50.00 LF	Reinforced Concrete Pipe Class IV - 48" Diameter			

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NO TEXT ON THIS PAGE

Item No	Engineers Estimate	Item Description			
12B-12	5.00 EA	Reinforced Concrete Pipe End Sections - 12" Diameter			
12B-15	5.00 EA	Reinforced Concrete Pipe End Sections - 15" Diameter			
12B-18	5.00 EA	Reinforced Concrete Pipe End Sections - 18" Diameter			
12B-24	5.00 EA	Reinforced Concrete Pipe End Sections - 24" Diameter			
12B-30	5.00 EA	Reinforced Concrete Pipe End Sections - 30" Diameter			
12B-36	5.00 EA	Reinforced Concrete Pipe End Sections - 36" Diameter			
12B-42	5.00 EA	Reinforced Concrete Pipe End Sections - 42" Diameter			
12B-48	5.00 EA	Reinforced Concrete Pipe End Sections - 48" Diameter			
12C-14X23	50.00 LF	14" X 23" Reinforced Elliptical Concrete Pipe			
12C-19X30	50.00 LF	19" X 30" Reinforced Elliptical Concrete Pipe			
12C-22X34	40.00 LF	22" X 34" Reinforced Elliptical Concrete Pipe			
12C-24X38	30.00 LF	24" X 38" Reinforced Elliptical Concrete Pipe			
12C-29X45	20.00 LF	29" X 45" Reinforced Elliptical Concrete Pipe			

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Item No	Engineers Estimate	Item Description			
12D-12	100.00 LF	Perforated Reinforced Concrete Pipe - 12" Diameter			
12D-15	100.00 LF	Perforated Reinforced Concrete Pipe - 15" Diameter			
12D-18	100.00 LF	Perforated Reinforced Concrete Pipe - 18" Diameter			
12D-24	100.00 LF	Perforated Reinforced Concrete Pipe - 24" Diameter			
12D-30	100.00 LF	Perforated Reinforced Concrete Pipe - 30" Diameter			
12DIP-12	50.00 LF	Ductile Iron Culvert Pipe - 12" Diameter			
12DIP-14	50.00 LF	Ductile Iron Culvert Pipe - 14" Diameter			
12DIP-16	50.00 LF	Ductile Iron Culvert Pipe - 16" Diameter			
12DIP-18	100.00 LF	Ductile Iron Culvert Pipe - 18" Diameter			
12DIP-24	100.00 LF	Ductile Iron Culvert Pipe - 24" Diameter			
12DIP-30	50.00 LF	Ductile Iron Culvert Pipe - 30" Diameter			
12F-12	50.00 LF	12" Round Corrugated Metal Pipe (Smooth Flow)			
12F-15	50.00 LF	15" Round Corrugated Metal Pipe (Smooth Flow)			

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Item No	Engineers Estimate	Item Description			
12F-18	50.00 LF	18" Round Corrugated Metal Pipe (Smooth Flow)			
12F-24	50.00 LF	24" Round Corrugated Metal Pipe (Smooth Flow)			
12F-30	50.00 LF	30" Round Corrugated Metal Pipe (Smooth Flow)			
12G	100.00 LF	Relaying Pipe			
12H	500.00 LF	Cleaning Existing Drainage System			
12HP	500.00 LF	Cleaning Existing Culverts and Associated Storm Drainage Pipe			
12P-12	200.00 LF	Smooth Interior Corrugated Polyethylene Drainage Pipe - 12"			
12P-15	200.00 LF	Smooth Interior Corrugated Polyethylene Drainage Pipe - 15"			
12P-18	200.00 LF	Smooth Interior Corrugated Polyethylene Drainage Pipe - 18"			
12P-24	150.00 LF	Smooth Interior Corrugated Polyethylene Drainage Pipe - 24"			
12P-36	100.00 LF	Smooth Interior Corrugated Polyethylene Drainage Pipe - 36"			
12S40-6	200.00 LF	Schedule 40 PVC Drain Pipe - 6" Diameter			
12S40-8	200.00 LF	Schedule 40 PVC Sanitary Sewer Pipe - 8" Diameter			

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Item No	Engineers Estimate	Item Description			
13A	30.00 CY	Catch Basins			
13B	30.00 CY	Manholes			
13BP-4	50.00 LF	Precast Manholes - 4' Diameter			
13BP-5	50.00 LF	Precast Manholes - 5' Diameter			
13BP-6	50.00 LF	Precast Manholes - 6' Diameter			
13BX-4	12.00 EA	Treatment Structure - 4' Diameter			
13BX-6	10.00 EA	Treatment Structure - 6' Diameter			
13BX-8	8.00 EA	Treatment Structure - 8' Diameter			
13BX-10	8.00 EA	Treatment Structure - 10' Diameter			
13BX-12	4.00 EA	Treatment Structure - 12' Diameter			
13C	5.00 EA	Area Drain			
14	15.00 EA	Connections to Existing Drainage Facilities			
15	50.00 EA	Altering Catch Basin			

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Item No	Engineers Estimate	Item Description			
15X	50.00 EA	Rehabilitation of Catch Basin			
16A	30.00 EA	Altering Brick Manholes (Corbel Top with Frame Head)			
16B	20.00 EA	Altering Brick Manholes (Slab Top with Frame Head)			
16C	20.00 EA	Altering Brick Manholes (Slab Top with Ring Head)			
16SS-1	20.00 EA	Change Elevation of Sanitary Sewer Manholes (Minor Adjustment)			
16SS-2	20.00 EA	Change Elevation of Sanitary Sewer Manholes (Major Adjustment)			
16SS-3	20.00 EA	Change Elevation of Drainage Manholes & Drop Inlets (Minor Adjustment)			
16SS-4	20.00 EA	Change Elevation of Drainage Manholes & Drop Inlets (Major Adjustment)			
16XMH	10.00 EA	Adjusting Manholes (Extensions)			
17A-A	25.00 CY	Class A Concrete For Structures (0 to 25 CY)			
17A-B	50.00 CY	Class A Concrete For Structures (26 to 50 CY)			
17A-C	100.00 CY	Class A Concrete For Structures (51 to 100 CY)			
17A-D	200.00 CY	Class A Concrete For Structures (101 CY and Over)			

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Item No	Engineers Estimate	Item Description			
17D	20.00 CY	Class D Concrete For Structures			
17DP	10.00 CY	Class DP Concrete For Structures			
17E	10.00 CY	Class E Concrete For Structures			
17F-A	25.00 CY	Class F High Early Strength Concrete (0 to 25 CY)			
17F-B	50.00 CY	Class F High Early Strength Concrete (26 to 50 CY)			
17F-C	100.00 CY	Class F High Early Strength Concrete (51 to 100 CY)			
17F-D	200.00 CY	Class F High Early Strength Concrete (101 CY and Over)			
17H	10.00 CY	Class H Concrete For Structures (Pumped)			
17M	10.00 CY	Class A Concrete for Structures (Monolithic Bridge Slabs with Integral Wearing Surfaces)			
17PPCC	10.00 CY	Pervious Portland Cement Pavement			
19	50.00 CY	Screened Gravel, Loose Measure			
20	100.00 CY	Broken Stone, Loose Measure			
21	50.00 CY	Limestone Screening			

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Item No	Engineers Estimate	Item Description			
22C-2	500.00 TON	Base Course Asphalt Concrete, Type Dense Base			
23	50.00 CY	Concrete Foundation For Pavement			
24	100.00 CY	Cement Concrete Pavement			
24V	50.00 CY	Concrete Valley Gutter			
25	10.00 CY	Cement Concrete Pavement (Bridge Slab Wearing Course)			
26	500.00 LF	Concrete Curb			
26CG	500.00 LF	Monolithic Concrete Curb and Gutter			
26CW	200.00 LF	Concrete Curb Wall			
26F	50.00 LF	Concrete Curb - Type Flush			
26PL	50.00 LF	Curb For Parking Lot			
26S	100.00 LF	Concrete Curb (Special)			
26SP-C	100.00 LF	Concrete Curb - Type C			
27	3,000.00 SF	Cement Concrete Sidewalk			

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Item No	Engineers Estimate	Item Description			
27DW	500.00 SF	Detectable Warning Surface			
27M	200.00 LF	Concrete mowing Strip - 16" Wide			
27MS	200.00 LF	Concrete Mowing Strip - > 16"-36" Wide			
27SP	50.00 SF	Cement Concrete Pavement (Structures Parks)			
28	500.00 SF	Cement Concrete Driveways and Driveway Aprons			
29	500.00 SF	Driveway Restoration			
30	200.00 SY	Metal Reinforcement for Concrete Pavement			
31	500.00 LF	Transverse Joint Supports			
32A	200.00 EA	Longitudinal Joint Ties (Pavement)			
32B	50.00 EA	Longitudinal Joint Ties (Curb)			
32X	500.00 EA	Joint Ties (Grout Type)			
32X-1	500.00 EA	Load Transfer Device for Cement Concrete Pavement Repairs			
33	1,000.00 LB	Bar Reinforcement for Structures			

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Item No	Engineers Estimate	Item Description			
33X	400.00 LB	Epoxy Coated Bar Reinforcement for Structures			
34	4,000.00 LB	Miscellaneous Metals			
35	100.00 LF	Resetting Guide Railing			
35T	100.00 LF	Timber Guide Rail			
36C	300.00 TON	Aspahlt Concrete T and L Course - Type 1A (Top and Binder)			
36CX	100.00 TON	Asphalt Concrete Truing and Leveling Course TYPE 1A (For Cracks in Asphalt Pavement)			
36D-A	25.00 TON	Asphalt Concrete, Type 1A (Top & Binder) (0 to 25 TON)			
36D-B	50.00 TON	Asphalt Concrete, Type 1A (Top & Binder) (26 to 50 TON)			
36D-C	100.00 TON	Asphalt Concrete, Type 1A (Top & Binder) (51 to 100 TON)			
36D-D	500.00 TON	Asphalt Concrete, Type 1A (Top & Binder) (101 TON and Over)			
36PAP	100.00 SY	Pervious Asphalt Pavement			
36T	100.00 TON	Temporary Pavement			
37	500.00 SF	Brick Pavers on Bituminous Setting Bed			

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Item No	Engineers Estimate	Item Description			
37C	500.00 SF	Brick Pavers on Cement Concrete Setting Bed			
39-4	100.00 SF	Paving Stones On Aggregate Base - 4" Thick			
39-8	100.00 SF	Paving Stones On Aggregate Base - 8" Thick			
40-4	100.00 SF	New Stone Block Pavement on Aggregate Base - 4" Thick			
40-8	100.00 SF	New Stone Block Pavement on Aggregate Base - 8" Thick			
40R	200.00 SF	Reset Existing Stone Block Pavement			
40RP	40.00 EA	Relocating Traffic Signs			
42-1	50.00 LF	Concrete Median Barrier			
42-2	5.00 EA	Concrete Median Barrier End Section			
42-3	50.00 LF	Half Section Concrete Barrier			
42-4	5.00 EA	Half Section Concrete Barrier End Section			
57	100.00 LF	Modify Existing Roof Drains			
58A	1,000.00 LF	Saw Cutting Existing Non-Roadway Asphalt			

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Item No	Engineers Estimate	Item Description			
58RPC	1,000.00 LF	Saw Cutting Existing Roadway Pavement and Concrete			
59	10.00 EA	Relocate Water Boxes Complete			
60	10.00 EA	Alter Water Service Connections			
60A	10.00 EA	Adjust Water Service Box Elevations			
60B	10.00 EA	Relocate Curb Cock and Water Service Boxes			
61	10.00 EA	Relocate Water Meter Pit, Complete			
61S	5.00 LF	Relocate Water Mains, Complete			
62	5.00 EA	Relocate Buried Electric Service Connection			
63	50.00 LF	Alter Sanitary Sewer House Service Connections			
63A	5.00 EA	Adjust Sanitary Sewer Cleanouts			
63SS	20.00 LF	Extension Sanitary Sewer House Connections			
63SS-3	20.00 LF	Alter Sanitary Sewer Service Connections Under Widened Road Areas			
64	100.00 LF	Reset Existing Fence			

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Item No	Engineers Estimate	Item Description			
65A	50.00 LF	Transplanting Existing Hedge			
65B	10.00 EA	Transplanting Existing Trees and Shrubs			
66A	5.00 CY	Reconstruct Existing Masonry Steps			
66B	40.00 BF	Reconstruct Existing Timber Steps			
79UP	200.00 SF	Unit Pavers			
95	100.00 LF	Metal Protection Plate for Curbs			
96	50.00 CY	Dry Rip-Rap			
97	20.00 CY	Grouted Rip-Rap			
99-8	150.00 LF	Precast Concrete Leaching Basin 8' Diameter			
99-10	150.00 LF	Precast Concrete Leaching Basin 10' Diameter			
100	150.00 LF	Precast Concrete Diffusion Well 10' Diameter			
102D	50.00 DAY	Flashing Arrow Board			
102PVMS	50.00 DAY	Portable Variable Message Sign			

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Item No	Engineers Estimate	Item Description			
102X *	100.00 DAY	Work Zone Traffic Control (DAY) *			
102Y *	50.00 NGHT	Work Zone Traffic Control (Night) *			
103	5.00 EA	Ballfield Players Bench System			
104PA-4X	500.00 LF	Polyolefin Coated Chain Link Fencing 4' High (TOP AND BOTTOM TENSION WIRE)			
104PA-6X	1,000.00 LF	Polyolefin Coated Chain Link Fencing 6' High (TOP AND BOTTOM TENSION WIRE)			
104PA-8X	500.00 LF	Polyolefin Coated Chain Link Fencing 8' High (TOP AND BOTTOM TENSION WIRE)			
104PA-10X	500.00 LF	Polyolefin Coated Chain Link Fencing 10' High (TOP AND BOTTOM TENSION WIRE)			
104PA-12X	500.00 LF	Polyolefin Coated Chain Link Fencing 12' High (TOP AND BOTTOM TENSION WIRE)			
104PB-4X	500.00 LF	Polyolefin Coated Chain Link Fencing 4' High (TOP RAIL AND BOTTOM TENSION WIRE)			
104PB-6X	1,000.00 LF	Polyolefin Coated Chain Link Fencing 6' High (TOP RAIL AND BOTTOM TENSION WIRE)			
104PB-8X	500.00 LF	Polyolefin Coated Chain Link Fencing 8' High (TOP RAIL AND BOTTOM TENSION WIRE)			
104PB-10X	500.00 LF	Polyolefin Coated Chain Link Fencing 10' High (TOP RAIL AND BOTTOM TENSION WIRE)			
104PB-12X	500.00 LF	Polyolefin Coated Chain Link Fencing 12' High (TOP RAIL AND BOTTOM TENSION WIRE)			

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Item No	Engineers Estimate	Item Description			
104PC-4X	500.00 LF	Polyolefin Coated Chain Link Fencing 4' High (TOP AND BOTTOM RAILS)			
104PC-4-1X	500.00 LF	Polyolefin Coated Chain Link Fencing 4' High 1" Mesh (TOP AND BOTTOM RAILS)			
104PC-6X	1,500.00 LF	Polyolefin Coated Chain Link Fencing 6' High (TOP AND BOTTOM RAILS)			
104PC-8X	500.00 LF	Polyolefin Coated Chain Link Fencing 8' High (TOP AND BOTTOM RAILS)			
104PC-10X	500.00 LF	Polyolefin Coated Chain Link Fencing 10' High (TOP AND BOTTOM RAILS)			
104PC-12X	500.00 LF	Polyolefin Coated Chain Link Fencing 12' High (TOP AND BOTTOM RAILS)			
104PD-6X	200.00 LF	Polyolefin Coated Chain Link Fencing 6' High With Concrete Curb			
104R-4	100.00 LF	Renovate 4' Chain Link Fence			
104R-4-1	100.00 LF	Renovate 4' Chain Link Fence - 1" Mesh			
104R-6	200.00 LF	Renovate 6' Chain Link Fence			
104R-8	100.00 LF	Renovate 8' Chain Link Fence			
104R-10	100.00 LF	Renovate 10' Chain Link Fence			
104R-12	100.00 LF	Renovate 12' Chain Link Fence			

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Item No	Engineers Estimate	Item Description			
104R-B	500.00 SF	Renovate Chain Link Fence Backstops			
104RR-4	100.00 LF	Remove and Replace 4' High Chain Link Fence Posts			
104RR-6	100.00 LF	Remove and Replace 6' High Chain Link Fence Posts			
104RR-8	200.00 LF	Remove and Replace 8' High Chain Link Fence Posts			
104RR-10	100.00 LF	Remove and Replace 10' High Chain Link Fence Posts			
104RR-12	100.00 LF	Remove and Replace 12' High Chain Link Fence Posts			
104RR-R	100.00 LF	Remove and Replace Chain Link Fence Rails			
104VCA-4	500.00 LF	Vinyl-Clad Chain Link Fencing - 4' High (TOP AND BOTTOM TENSION WIRE)			
104VCA-6	1,000.00 LF	Vinyl-Clad Chain Link Fencing - 6' High (TOP AND BOTTOM TENSION WIRE)			
104VCA-8	500.00 LF	Vinyl-Clad Chain Link Fencing - 8' High (TOP AND BOTTOM TENSION WIRE)			
104VCA-10	500.00 LF	Vinyl-Clad Chain Link Fencing - 10' High (TOP AND BOTTOM TENSION WIRE)			
104VCA-12	500.00 LF	Vinyl-Clad Chain Link Fencing - 12' High (TOP AND BOTTOM TENSION WIRE)			
104VCB-4	500.00 LF	Vinyl-Clad Chain Link Fencing - 4' High (TOP RAIL AND BOTTOM TENSION WIRE)			

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Item No	Engineers Estimate	Item Description			
104VCB-6	1,000.00 LF	Vinyl-Clad Chain Link Fencing - 6' High (TOP RAIL AND BOTTOM TENSION WIRE)			
104VCB-8	500.00 LF	Vinyl-Clad Chain Link Fencing - 8' High (TOP RAIL AND BOTTOM TENSION WIRE)			
104VCB-10	500.00 LF	Vinyl-Clad Chain Link Fencing - 10' High (TOP RAIL AND BOTTOM TENSION WIRE)			
104VCB-12	500.00 LF	Vinyl-Clad Chain Link Fencing - 12' High (TOP RAIL AND BOTTOM TENSION WIRE)			
104VCC-4	500.00 LF	Vinyl-Clad Chain Link Fencing - 4' High (TOP AND BOTTOM RAILS)			
104VCC-4-1	500.00 LF	Vinyl-Clad Chain Link Fencing - 4' High 1.0" Mesh (TOP AND BOTTOM RAILS)			
104VCC-6	1,500.00 LF	Vinyl-Clad Chain Link Fencing - 6' High (TOP AND BOTTOM RAILS)			
104VCC-8	500.00 LF	Vinyl-Clad Chain Link Fencing - 8' High (TOP AND BOTTOM RAILS)			
104VCC-10	500.00 LF	Vinyl-Clad Chain Link Fencing - 10' High (TOP AND BOTTOM RAILS)			
104VCC-12	500.00 LF	Vinyl-Clad Chain Link Fencing - 12' High (TOP AND BOTTOM RAILS)			
104VCD-6	500.00 LF	Vinyl-Clad Chain Link Fencing With Concrete Curb - 6' High			
104VCE-BB	700.00 SF	Vinyl-Clad Backstop - Baseball			
104VCE-SB	700.00 SF	Vinyl-Clad Backstop - Softball / Little League			

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NO TEXT ON THIS PAGE

Item No	Engineers Estimate	Item Description			
104XR	1,000.00 LF	Middle Rail, Brace Rail and Bottom Rail			
104XSB	700.00 SF	Remove Existing Backstop			
104XSF	5,000.00 SF	Remove Existing Fence			
105-2	100.00 LF	Two (2) Rail, Split Rail Fence			
105-3	100.00 LF	Three (3) Rail, Split Rail Fence			
105SFS-6	200.00 LF	6' Stockade Fence			
105SFS-8	200.00 LF	8' Stockade Fence			
106P	1,000.00 LF	Post Painting			
106P-DG	500.00 SF	Polyolefin Coated Chain Link Double Gate			
106P-SG	500.00 SF	Polyolefin Coated Chain Link Single Gate			
106SVBG	100.00 LF	Self-Swing Vehicle Barrier Gates			
106VC-CG	500.00 SF	16' - 22' Wide Vinyl Clad Chain Link Cantilever Slide Gates (6' to 8' High)			
106VC-DG	500.00 SF	Vinyl-Clad Chain Link Double Gate			

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Item No	Engineers Estimate	Item Description			
106VC-SG	500.00 SF	Vinyl-Clad Chain Link Single Gate			
107	3,000.00 LF	Cleaning, Filling and Sealing Existing Joints and Cracks in Asphalt Pavement			
110	200.00 CF	Masonry Pipe Plugs			
111	500.00 SY	Removal and Replacement of Pavement			
111M	100.00 SY	Cold Planing and Removal and Replacement of Pavements			
111P	100.00 SY	Removal and Replacements of Existing Pathways			
112	100.00 EA	Adjusting Manholes			
113	50.00 EA	Adjustment Of Surface Inlets			
114	50.00 EA	Adjustment of Water Valve Box Elevation			
115	500.00 LF	Butt Joints			
116A	5,000.00 SY	Profiling and Removal of Asphalt Pavement (Paving by Contractor will follow under respective items)			
116AM	5,000.00 SY	Profiling and Removal of Asphalt Pavement (Paving by Others will follow)			
116C	100.00 SY	Profiling and Removal of Concrete Pavement			

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Item No	Engineers Estimate	Item Description			
117	100.00 LF	Temporary Fence 4' High			
117T-6	500.00 LF	Temporary Fence 6' High			
117T-8	100.00 LF	Temporary Fence 8' High			
117TP-6	100.00 LF	Temporary Fence With Privacy Screening - 6' High			
117TP-8	100.00 LF	Temporary Fence With Privacy Screening - 8' High			
118	100.00 CY	Gabion and Revet Mattresses			
119	10.00 CY	Rock Excavation			
120	10.00 EA	Relocation and Reattachment of Existing Lighting Units			
121	200.00 CY	Drybound Base Course			
122	20.00 EA	Test Holes			
125	10.00 OZ.	Chemical Admixture For Concrete			
126A	100.00 LF	New Stone Block Curb			
126B	100.00 LF	Reset Existing Stone Block Curb			

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Item No	Engineers Estimate	Item Description			
127	5.00 EA	Relocating Existing Hydrant			
128	100.00 SY	Furnishing and Applying Soil Sterilant			
129	100.00 CY	Cement Concrete For Pavement Repairs			
132	50.00 EA	Plowable Raised Reflectorized Pavement Markers			
133	500.00 LF	Clean and Fill Joints and Cracks			
133A	500.00 LF	Cleaning and Resealing of Longitudinal Joints in Portland Cement Concrete Pavement			
133B	100.00 LF	Sealing of Transverse Joints in Cement Concrete Pavement			
134	100.00 LF	Sawing and Sealing Bituminous Concrete Overlays			
136S	30.00 DAY	Survey Stakeout (Per Day)			
137	500.00 LF	Remove Existing Traffic Markings			
138	100.00 SY	Asphalt Joint Repair			
139	100.00 SY	Sawcutting Longitudinal or Transverse Grooves in Existing Roadway Pavement			
140	100.00 LF	Temporary Pavement Delineation			

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NO TEXT ON THIS PAGE

Item No	Engineers Estimate	Item Description			
141	500.00 LF	Silt Fence			
141A	100.00 LF	Hay Bales/Straw Bales			
141B	50.00 EA	Silt Protection For Surface Inlet Drainage Structures			
141C	50.00 EA	Silt Protection For Curb Inlet Drainage Structures			
150	200.00 LF	Box Beam Guide Railing			
151	100.00 LF	Box Beam Median Barrier			
152	5.00 EA	Box Beam Guide Rail End Assembly			
153A	2.00 EA	Box Beam Median Barrier End Assembly - TYPE A			
153B	2.00 EA	Box Beam Median Barrier End Assembly - TYPE B			
158A	1,500.00 SF	Geotextile Cloth			
158B	500.00 SY	Soil Stabilization Fabric			
172	500.00 SY	Court Preparation For Color Coating			
173	100.00 SY	Color Coating			

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NO TEXT ON THIS PAGE

Item No	Engineers Estimate	Item Description			
174	500.00 LF	Painted Lines			
175	1,000.00 SY	Stabilized Mixed-In- Place Recycled Base Course			
175AE	2,000.00 GL	Asphalt Emulsion			
176	1,000.00 SY	Milled In-Place Recycled Base Course			
178W	100.00 LF	Pavement Markings, Painting & Striping (White)			
178Y	100.00 LF	Pavement Markings, Painting & Striping (Yellow)			
179A	200.00 LF	Steel Edging			
179B	200.00 LF	Reset Existing Steel Edging			
180	25.00 LF	Trench Drain			
185A	50.00 LF	Relocate Residential Sprinkler System			
185N	50.00 LF	New Sprinkler System			
200	50.00 LF	Heavy Post, Plastic and Synthetic Blocked Out Galvinized Corrugated Steel Beam Guide Railing			
201	10.00 LF	Heavy Post, Plastic and Synthetic Blocked Out Galvinized Corrugated Steel Beam Median Barrier			

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Department of Public Works Nassau County, N.Y.
Bid Sheets for Contract H66302V

Item No	Engineers Estimate	Item Description			
202	5.00 EA	Anchorage Units for Heavy Post Blocked Corrugated Beam Guide Railing for Driveways			
203	5.00 EA	Anchorage Units for Heavy Post Blocked Corrugated Beam Guide Railing for Highways			
204	1.00 EA	Anchorage Units for Heavy Post Blocked Out Corrugated Beam Median Barrier			
205	1.00 EA	Heavy Post Blocked-Out Corrugated Beam Guide Railing Connection to Two Rail Steel Bridge Railing			
206	10.00 EA	Heavy Post Blocked Out Corrugated Beam Guide Railing Connection to Three Rail Tubular Steel Bridge Railing			
207	2.00 EA	Heavy Post Blocked-Out Corrugated Beam Guide Railing Connections to Walls (Trailing Ends)			
208	50.00 LF	Reconstruction of Heavy Post Blocked-Out Corrugated Beam Guide Railing			
209	50.00 LF	Reconstruction of Median Barrier			
210E	10.00 EA	ET-2000 Energy Absorbing Safety End Treatment			
216	200.00 LF	Removal of Existing Guide Rail			
220	100.00 LF	Corrugated Beam Guide Railing			
221	5.00 EA	Anchorage Units for Corrugated Beam Guide Railing			
222	5.00 EA	Anchorage Units for Corrugated Beam Guide Railing (Driveway)			

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Item No	Engineers Estimate	Item Description			
360	10.00 EA	Pruning Existing Deciduous Trees			
361A	10.00 EA	Planting Trees and Shrubs - Deciduous Major			
361B	10.00 EA	Planting Trees and Shrubs - Deciduous Minor			
361C	10.00 EA	Planting Trees and Shrubs - Deciduous Shrubs			
361D	10.00 EA	Planting Trees and Shrubs - Evergreen Trees			
361E	10.00 EA	Planting Trees and Shrubs - Evergreen Shrubs Upright			
361F	10.00 EA	Planting Trees and Shrubs - Evergreen Shrubs Spreading			
362	10.00 CY	Triple Shredded Mulch			
363	1,000.00 SY	Grass Seeding			
364-A	10.00 EA	Tree Pruning - A - (<6" Caliper)			
364-B	10.00 EA	Tree Pruning - B - (6" - <12" Caliper)			
364-C	10.00 EA	Tree Pruning -C- (12" - <24" Caliper)			
364-D	10.00 EA	Tree Pruning - D - (24" - <36" Caliper)			

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Item No	Engineers Estimate	Item Description			
364-E	10.00 EA	Tree Pruning - E - (36" - <48" Caliper)			
365	500.00 SF	Sodding			
367	100.00 ACRE	Hydro-Seeding			
368	250.00 SY	Topsoil and Grass Seed			
371	10.00 BALE	Peat Moss			
372A	30.00 EA	Tree Removal - A - (<6" Caliper)			
372B	30.00 EA	Tree Removal - B - (6" - <12" Caliper)			
372C	30.00 EA	Tree Removal - C - (12" - <24" Caliper)			
372D	30.00 EA	Tree Removal - D - (24" - <36" Caliper)			
372E	30.00 EA	Tree Removal - E - (36" - <48" Caliper)			
373A	30.00 EA	Stump Removal - A - (4" - <6" Caliper)			
373B	30.00 EA	Stump Removal - B - (6" - <12" Caliper)			
373C	30.00 EA	Stump Removal - C - (12" - <24" Caliper)			

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Item No	Engineers Estimate	Item Description			
373D	30.00 EA	Stump Removal - D - (24" - <36" Caliper)			
373E	30.00 EA	Stump Removal - E - (36" - <48" Caliper)			
374A	30.00 EA	Stump Grinding - A - (4" - <6" Caliper)			
374B	30.00 EA	Stump Grinding - B - (6" - <12" Caliper)			
374C	30.00 EA	Stump Grinding - C - (12" - <24" Caliper)			
374D	30.00 EA	Stump Grinding - D - (24" - <36" Caliper)			
374E	30.00 EA	Stump Grinding - E - (36" - <48" Caliper)			
378	10.00 LF	Mechanical Barrier Root Control System - 24" Deep			
411-A1	5.00 EA	Furnish and Install Concrete Foundation, Type A1			
412G	10.00 EA	Furnish and Install A Pushbutton Post Assembly			
412P-8	5.00 EA	Furnish and Install 8 Foot Aluminum Signal Post			
412P-10	5.00 EA	Furnish and Install 10 Foot Aluminum Signal Post			
412P-12	2.00 EA	Furnish and Install 12 Foot Aluminum Signal Post			

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Item No	Engineers Estimate	Item Description			
415-2	300.00 LF	Furnish and Install 2 - Conductor #14 Cable on Span Wire, in Conduit or Raceway			
415-3	300.00 LF	Furnish and Install 3 - Conductor #14 Cable on Span Wire, in Conduit or Raceway			
415-5	200.00 LF	Furnish and Install 5- Conductor #14 Cable on Span Wire, in Conduit or Raceway			
415-7	100.00 LF	Furnish and Install 7- Conductor #14 Cable on Span Wire, in Conduit or Raceway			
419S-075	50.00 LF	Furnish and Install 3/4 Inch Diameter Steel Conduit			
419S-1	200.00 LF	Furnish and Install 1 1/4 Inch Diameter Steel Conduit			
419S-2	100.00 LF	Furnish and Install 2 Inch Diameter Steel Conduit			
419S-3	50.00 LF	Furnish and Install 3 Inch Diameter Steel Conduit			
420-1	10.00 EA	Furnish and Install a Standard Pullbox			
420-3	2.00 EA	Furnish and Install Split Pullbox			
420R	5.00 EA	Regrade a Pullbox Frame and Cover			
422L	1,000.00 LF	Furnish and Install Loop Wires			
422LS	500.00 LF	Furnish and Install Loop Saw Cut			

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Item No	Engineers Estimate	Item Description			
424-4	5.00 EA	Remove Any Post			
424-8	5.00 EA	Remove Pedestrian Station Post, Foundation and Pushbutton			
424-11A	5.00 EA	Remove Signal Face (Vehicle)			
424-11B	5.00 EA	Remove Signal Face (Pedestrian)			
424-14	500.00 LF	Remove Cable			
424-21	5.00 EA	Remove Single Lane Magnetic Detector			
424-22	5.00 EA	Remove Single Lane Magnetic Housing			
424-23	5.00 EA	Abandon Foundation			
424-24	5.00 EA	Removal Auxiliary Pole			
424-25	10.00 EA	Remove Pullbox			
424-26	5.00 EA	Remove Multi-Lane Magnetic Vehicle Detector			
424-27	5.00 EA	Remove Pushbutton and Sign Assembly			
426L	5.00 EA	Furnish and Install L.E.D Pedestrian Signal			
427-2	5.00 EA	Furnish and Install a Pushbutton and Sign Assembly			

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Item No	Engineers Estimate	Item Description			
442W	1,000.00 LF	Epoxy Reflectorized Pavement Markings (White)			
442W-1	500.00 LF	Epoxy reflectorized Pavement Markings (White) For Hand Work Applications			
442Y	1,000.00 LF	Epoxy Reflectorized Pavement Markings (Yellow)			
442Y-1	500.00 LF	Epoxy reflectorized Pavement Markings (Yellow) For Hand Work Applications			
443A	50.00 EA	Preformed Tape Pavement Markings (Arrows)			
443C	50.00 EA	Preformed Tape Pavement Markings (Character/Symbol)			
443W	100.00 LF	Preformed Tape Pavement Markings (White)			
443W-12	100.00 LF	Preformed Tape Pavement Markings (12" White)			
443W-16	10.00 LF	Preformed TapePavement Markings (16" White)			
443Y	100.00 LF	Preformed Tape Pavement Markings (Yellow)			
445A	10.00 EA	Preformed High Performance Pavement Marking Tape (Arrow)			
445C	10.00 EA	Preformed High Performance Pavement Marking Tape (Character and Symbol)			
445W	100.00 LF	Preformed High Performance Tape Pavement Markings (White)			

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Item No	Engineers Estimate	Item Description			
445W-12	500.00 LF	Preformed High Performance Tape Pavement Marking (12" White)			
445W-16	100.00 LF	Preformed High Performance Tape Pavement Marking (16" White)			
445Y	100.00 LF	Preformed High Performance Tape Pavement Markings (Yellow)			
450	50.00 EA	Furnish and Install Post Mounted Sign			
451	30.00 EA	Furnish and Install Post Mounted Handicap Parking Sign			
502	10.00 SF	Highway Sealing and Surface Coating (Latex)			
502A	200.00 LF	2" I.D. PVC Electrical Conduit			
502B	150.00 LF	3" I.D. PVC Electrical Conduit			
502C	100.00 LF	4" I.D. PVC Electrical Conduit			
502J	10.00 CF	Electrical Junction Boxes			
510	100.00 SY	Bridge Deck Waterproofing Membrane			
511	20.00 BAGS	Pneumatically Placed Concrete			
512	50.00 SF	Repairing Structural Slabs			

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Item No	Engineers Estimate	Item Description			
513	50.00 CY	Sand Bags in Place			
514	10.00 GAL	Epoxy Protective Coating			
515	1,000.00 SY	Sawcutting Grooves in Existing Asphalt or Concrete Pavements			
516	50.00 LB	Lime Cement Pavement Grouting			
517	10.00 EA	Drilling Subsealing Holes for Lime Cement Pavement Grouting			
522	20.00 EA	Triangular Guide Rail Delineator			
525A	100.00 LF	Full Depth Pavement Cleaning and Resealing Transverse Joints in Portland Cement Concrete Pavement (0 to < 1,000')			
525B	1,000.00 LF	Full Depth Pavement Cleaning and Resealing Transverse Joints in Portland Cement Concrete Pavement (1,000' to < 5,000')			
525C	5,000.00 LF	Full Depth Pavement Cleaning and Resealing Transverse Joints in Portland Cement Concrete Pavement (5,000' to < 10,000')			
525D	10,000.00 LF	Full Depth Pavement Cleaning and Resealing Transverse Joints in Portland Cement Concrete Pavement (10,000' and Over)			
526A	100.00 LF	Cleaning and Resealing Longitudinal Joints in Portland Cement Concrete Pavement (0 to < 1,000')			
526B	1,000.00 LF	Cleaning and Resealing Longitudinal Joints in Portland Cement Concrete Pavement (1,000' to < 5,000')			
526C	5,000.00 LF	Cleaning and Resealing Longitudinal Joints in Portland Cement Concrete Pavement (5,000' to < 10,000')			

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Item No	Engineers Estimate	Item Description			
526D	10,000.00 LF	Cleaning and Resealing Longitudinal Joints in Portland Cement Concrete Pavement (10,000' and Over)			
527A	100.00 LF	Cleaning, Filling and Sealing Existing Joints and Cracks in Asphalt Pavement (0' to < 1,000')			
527B	1,000.00 LF	Cleaning, Filling and Sealing Existing Joints and Cracks in Asphalt Pavement (1,000' to < 5,000')			
527C	5,000.00 LF	Cleaning, Filling and Sealing Existing Joints and Cracks in Asphalt Pavement (5,000' to < 10,000')			
527D	10,000.00 LF	Cleaning, Filling and Sealing Existing Joints and Cracks in Asphalt Pavement (10,000' and Over)			
540	50.00 EA	Steel Bollards			
701	50.00 EA	Galvanized Steel Poles with Precast Concrete Bases (40' - 90')			
702	5.00 EA	Steps, Safety Cable and Harness with Auxiliary Brackets			
703A	5.00 EA	Remote Electrical Compartment Enclosures Factory Wired NEMA 3R			
703B	5.00 EA	Remote Electrical Compartment Enclosures Factory Wired NEMA 3R			
704	5.00 EA	Wire Harnesses			
705	5.00 EA	Galvanized Steel Cross Arms with Fixture Heads			
706	30.00 EA	Lens For Reflectors			

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Item No	Engineers Estimate	Item Description			
707	30.00 EA	Spill and Glare Control Reflectors			
708	30.00 EA	1500 WATT Metal Halide Z-Lamps			
709	10.00 EA	Lighting Contactor Cabinets NEMA 43			
710	10.00 SET	Mounting Hardware to Retrofit Existing Steel Pole			
711	2.00 EA	Outdoor Electronic Multi-Sport Scoreboards			
712	5.00 EA	Outdoor Electronic Baseball Scoreboards			
713	4.00 SET	Integrated Football and Soccer Goal Sets - One Pair			
714	4.00 SET	Lacrosse Goals - One Pair			
715	50.00 CY	Installation of Clay Surface Areas			
716	2.00 SET	Pitchers Mound and Base Sets			
717	10.00 EA	Aluminum Players Benches			
718	5.00 PAIR	Foul Poles - One Pair			
719	150.00 LF	Fence Guard			

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Item No	Engineers Estimate	Item Description			
720	6.00 SET	Tennis Net and Post Sets			
721	500.00 SF	Wind Screens			
722	2.00 SET	Basketball Backstops System - One Pair			
723	250.00 SF	Ornamental Steel Picket Fence (4'-0" to 8'-0" High)			
724	100.00 SF	4'-0" Wide Single Swing Ornamental Steel Picket Gates (4'-0" to 8'-0" High)			
725	100.00 SF	10'-0" Wide Double Swing Ornamental Steel Picket Gates (4'-0" to 8'-0" High)			
726	500.00 SF	Ornamental Steel Picket Cantilever Slide Gates in 4' to 8' Heights (16'-0" to 22'-0" Wide)			
727	250.00 SF	Straight Picket PVC Fence (4'-0" to 6'-0" High)			
728	100.00 SF	4'-0" Wide Single Swing Straight Picket PVC Gates (4'-0" to 6'-0" High)			
729	100.00 SF	10'-0" Wide Single Swing Straight Picket PVC Gates (4'-0" to 6'-0" High)			
730	250.00 SF	Straight Soild Panel PVC Fence (4'-0" to 8'-0" High)			
731	100.00 SF	4'-0" Wide Single Swing Straight Soild Panel PVC Gates (4'-0" to 8'-0" High)			
732	100.00 SF	10'-0" Wide Double Swing Straight Soild Panel PVC Gates (4'-0" to 8'-0" High)			

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Item No	Engineers Estimate	Item Description			
733	15.00 EA	35 Foot High Aluminum Flagpole - Internal Halyard			
734	25.00 EA	Park Lighting			
735	10.00 EA	Barrier Free Water Fountain			
736	10.00 EA	Park Benches with Backs			
737	10.00 EA	Park Picnic Tables without Backs			
738	15.00 EA	Park Receptacles			
744 *	1.00 LS	Force Account Work *			
751	10,000.00 SF	Synthetic Turf Field with Underdrain			
752	5,000.00 SF	Upgrade to Colored Infill			
753	50.00 LF	Sports Field Striping			
754	20.00 SF	Custom LOGOS, NUMBERS and LETTERING			
755	100.00 SF	Heavy Duty NON-INFILL Batting Cage Turf			
756	10.00 SF	Synthetic Turf Repair			

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Item No	Engineers Estimate	Item Description			
757	300.00 LF	6" X 6" Recycled Plastic Lumber Perimeter Edge Nailer			
758	1.00 EA	G-MAX Testing			
759	5,000.00 SF	Antimicrobial Treatment			
760	10,000.00 SF	Maintenance for Turf Fields Installed Under This Contract			
761	5,000.00 SF	Maintenance for Turf Fields Installed Under by Others			
762	250.00 LB	Integral Color Pigment for Cement Concrete			
763	2,500.00 SF	Imprinting on Cement Concrete Pavement or Sidewalk			
764	500.00 SF	Colored and Imprinted Asphalt			
765	10.00 EA	Furnish & Install Concrete Parking Bumper			
766	100.00 SF	Retaining Wall System			
767	100.00 LF	Furnish, Install and Maintain Turbidity Curtain			
768	100.00 LF	Furnish and Install Armorless Bridge Joint System			
769A	5.00 EA	Type "A" Catch Basin Insert-Filter Type (Combination Inlet)			

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Item No	Engineers Estimate	Item Description			
769B	5.00 EA	Type "B" Catch Basin Insert-Filter Type (Curb Inlet Only)			
770A	5.00 EA	Type "A" Catch Basin Insert-Sediment Control Types (Combination Inlet)			
770B	5.00 EA	Type "B" Catch Basin Insert-Sediment Control Type (Curb Inlet Only)			
771A	5.00 EA	Type "A" Catch Basin Insert - Sediment Control Type with Pathogen Filtration (Combination Inlet)			
771B	5.00 EA	Type "B" Catch Basin Insert - Sediment Control Type with Pathogen Filtration (Curb Inlet Only)			

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