ESTIMATE OF QUANTITIES
NOTE: These quantities have been provided as an estimate to the scope of work. The Contractor shall be solely responsible to evaluate the complete project as detailed in the
notes, plans, and specifications and procedure necessary for the completion of the plan improvements and submit the total project cost accordingly.

STREET	ent H Cover
202	ic), PG 64-22 ent 1H Cover
202	ic), PG 64-22 ent 1H Cover
180	ent H Cover
202	ent H Cover
203	ent H Cover
203	ent H Cover
204	ent H Cover
301 379 Cu. Yd Asphalt Concrete Base 304 230 Cu. Yd Asphalt Concrete Base 305 236 Sq. Yd. 9" Portland Cement Concrete Base 305 1090 Sq. Yd. 7" Portland Cement Concrete Base 407 140 Gal. Tack Coat Tack Coat 413 706 Lin. Ft. Crock Seal, Hot Applied 448 120 Cu. Yd. Asphalt Concrete, Intermediate Course (Medium Traffic), Fd. 448 455 Cu. Yd. Asphalt Concrete, Intermediate Course (Medium Traffic), Fd. 452 27 Sq. Yd. 8" Non-Reinforced Portland Cement Concrete Pavem 604 1 Each Endwall - Precast (AA-S169) (1-12") 604 2 Each Curb & Gutter Inlet, to be Reconstructed w/ Solid & Endwall - Precast (AA-S169) (1-12") 604 1 Each Manhole, Type B, Class E 604 1 Each Manhole, Adjusted to Grade (Storm) 605 2535 Lin. Ft. 4" Pipe Underdrain 606 6500 Sq. Ft. Concrete Sidewalk 608 10 Each Curb & Gutter Inlet (AA-S131) 608 6500 Sq. Ft. Concrete Sidewalk 609 1730 Lin. Ft. Combination Curb & Gutter, Type Standard 609 1730 Lin. Ft. Combination Curb & Gutter, Type Special 8" 609 485 Lin. Ft. Combination Curb & Gutter, Type Special 8" 609 485 Lin. Ft. Combination Curb & Gutter, Type Special 8" 609 485 Lin. Ft. Combination Curb & Gutter, Type Special 8" 609 485 Lin. Ft. Curb, Straight 18" 609 Grade 6" Concrete Traffic Island 614 Lump Sum Mobilization 659 2500 Sq. Yd. 6" Concrete Traffic Island 614 Lump Sum Mobilization 659 2500 Sq. Yd. 6" Concrete Traffic Island 614 Lump Sum Mobilization 659 2500 Sq. Yd. 6" Concrete Traffic Island 614 Lump Sum Mobilization 659 2500 Sq. Yd. 6" Concrete Traffic Island 614 Lump Sum Mobilization 650 6" Concrete Traffic Island 614 Lump Sum Mobilization 650 Fire Hydrant Extension 650 5 Sq. Yd. 6" Concrete T	ent H Cover
304 230 Cu. Yd. Aggregate Base 305 236 Sq. Yd. 9" Portland Cement Concrete Base 305 1090 Sq. Yd. 7" Portland Cement Concrete Base 305 1090 Sq. Yd. 7" Portland Cement Concrete Base 305 1090 Sq. Yd. 7" Portland Cement Concrete Base 305 1090 Sq. Yd. 305 306 307	ent H Cover
305 236 Sq. Yd. 9" Portland Cement Concrete Base 305 1090 Sq. Yd. 7" Portland Cement Concrete Base 407 140 Gal. Tack Coat 413 706 Lin. Ft. Crack Seal, Hot Applied 448 120 Cu. Yd. Asphalt Concrete, Surface Course (Medium Traffic), F. 448 455 Cu. Yd. Asphalt Concrete, Intermediate Course (Medium Traffic), F. 452 27 Sq. Yd. 8" Non-Reinforced Portland Cement Concrete Power 601 5.5 Sq. Yd. 6" Concrete Powed Gutter 604 1 Each Endwall - Precast (AA-S169) (1-12") 604 2 Each Curb & Gutter Inlet, to be Reconstructed w/ Solid N. 604 1 Each Manhole, Type B, Class E 604 1 Each Manhole, Type B, Class E 604 1 Each Manhole, Type B, Class E 604 1 Each Manhole, Adjusted to Grade (Storm) 605 2535 Lin. Ft. 4" Pipe Underdrain 608 6500 Sq. Ft. Concrete Sidewalk 608 10 Each Curb Ramps (Type) 608 10 Each Curb Ramps (Type) 609 1730 Lin. Ft. Combination Curb & Gutter, Type Special 8" 609 485 Lin. Ft. Curb Straight 18" 609 9 Sq. Yd. 6" Concrete Traffic Island 614 Lump Sum Maintenance of Traffic 624 Lump Sum Maintenance of Traffic 660 155 Sq. Yd. 6" Concrete Traffic 610	ent H Cover
305 1090 Sq. Yd. 7" Portland Cement Concrete Base 407 140 Gol. Tock Coot 413 706 Lin. Ft. Crack Seal, Hot Applied 448 120 Cu. Yd. Asphalt Concrete, Surface Course (Medium Traffic), F. 448 455 Cu. Yd. Asphalt Concrete, Intermediate Course (Medium Traffic), F. 452 27 Sq. Yd. 8" Non-Reinforced Portland Cement Concrete Pavem 601 5.5 Sq. Yd. 6" Concrete Paved Gutter 604 1 Each Endwall Precast (AA-S169) (1-12") 604 2 Each Curb & Gutter Inlet, to be Reconstructed w/ Solid N 604 1 Each Manhole, Type B, Class E 604 1 Each Manhole, Type B, Class E 604 1 Each Manhole, Type B, Class E 604 1 Each Manhole, Adjusted to Grade (Storm) 605 2535 Lin. Ft. 4" Pipe Underdrain 608 6500 Sq. Ft. Concrete Sidewalk 608 10 Each Curb Ramps (Type) 608 10 Each Curb Ramps (Type) 609 1730 Lin. Ft. Combination Curb & Gutter, Type Special 8" 609 485 Lin. Ft. Curb, Straight 18" 609 485 Lin. Ft. Curb, Straight 18" 609 9 Sq. Yd. 6" Concrete Traffic Island 614 Lump Sum Maintenance of Traffic 624 Lump Sum Mobilization 660 155 Sq. Yd. Sodding 703 Lin. Ft. 12" Storm Pipe, R.C.P. 706.02 Class IV, with Type 1 630 332 Lin. Ft. 12" Storm Pipe, R.C.P. 706.02 Class IV, with Type 1 630 332 Lin. Ft. 12" Storm Pipe with Type 1 Bedding PAVEMENT MARKING & SIGNING 644 Lump Sum Reised Pavement Markers 630 332 Lin. Ft. 12" Storm Pipe, R.C.P. 706.02 Class IV, with Type 1 644 2766 Lin. Ft. 20" Stop Line (White) 644 734 Lin. Ft. 20" Stop Line (White) 644 734 Lin. Ft. 5" Centerine - Solid (Double Yellow) 644 2766 Lin. Ft. 5" Centerine - Solid (Double Yellow) 644 2764 Lin. Ft. 5" Centerine - Solid (Double Yellow) 644 2764 Lin. Ft. 5" Centerine - Solid (Double Yellow) 644 734 Lin. Ft. 5" Cigde Line (White) 644 734 Lin. Ft. 5" Cigde Line (White) 644 734 Lin. Ft. 5" Cigde L	ent H Cover
407	ent H Cover
448 120 Cu. Yd. Asphalt Concrete, Surface Course (Medium Traffic), f 448 455 Cu. Yd. Asphalt Concrete, Intermediate Course (Medium Traffic), f 452 27 Sq. Yd. 8" Non-Reinforced Portland Cement Concrete Pavem 601 5.5 Sq. Yd. 6" Concrete Paved Gutter 604 1 Each Endwall - Precast (AA-S169) (1-12") 604 1 Each Manhole, Type B, Class E 604 1 Each Manhole, Type B, Class E 604 1 Each Manhole, to be Reconstructed as Curb Inlet Manhole (A 604 1 Each Manhole, to be Reconstructed as Curb Inlet Manhole (A 604 1 Each Manhole, Expendiction Curb & Gutter Inlet (AA-S125) 604 1 Each Manhole, Adjusted to Grade (Storm) 605 2535 Lin. Ft. Curb & Gutter Inlet (AA-S125) 608 10 Each Curb Ramps (Type) 608 10 Each Detectable Warning 609 1730 Lin. Ft. Combination Curb & Gu	ent H Cover
448 455 Cu. Yd Asphalt Concrete, Intermediate Course (Medium Troff 452 27 Sq. Yd. 8" Non-Reinforced Portland Cement Concrete Pavem 601 5.5 Sq. Yd. 6" Concrete Paved Gutter 604 1 Each Endwall – Precast (AA-S169) (1-12") 604 1 Each Curb & Gutter Inlet, to be Reconstructed w/ Solid Manhole, Type B, Class E 604 1 Each Curb & Gutter Inlet, AGA-S125) 604 1 Each Curb & Gutter Inlet, AGA-S131) 604 1 Each Manhole, Adjusted to Grade (Storm) 605 2535 Lin. Ft. Concrete Tradician 608 10 Each Curb Ramps (Type) 608 10 Each Curb Ramps (Type) 608 15 L	ent H Cover
452 27 Sq. Yd. 8" Non-Reinforced Portland Cement Concrete Pavem 601 5.5 Sq. Yd. 6" Concrete Paved Gutter 604 1 Each Endwall - Precast (AA-S169) (1-12") 604 2 Each Curb & Gutter Inlet, to be Reconstructed w/ Solid M 604 1 Each Manhole, Type B, Class E 604 1 Each Manhole, Type B, Class E 604 1 Each Manhole, to be Reconstructed as Curb Inlet Manhole (A 604 3 Each Curb & Gutter Inlet (AA-S125) 604 1 Each 24" Diameter Catch Basin (AA-S131) 604 1 Each 24" Diameter Catch Basin (AA-S131) 605 2535 Lin. Ft 4" Pipe Underdrain 605 2535 Lin. Ft 4" Pipe Underdrain 608 6500 Sq. Ft. Concrete Sidewalk 608 10 Each Curb Ramps (Type) 608 10 Each Detectable Warning 609 1730 Lin. Ft. Combination Curb & Gutter, Type Standard 609 90 Lin. Ft. Combination Curb & Gutter, Type Special 8" 609 485 Lin. Ft. Curb, Straight 18" 609 1597 Lin. Ft. Saw Cutting Existing Curb 609 9 Sq. Yd. 6" Concrete Traffic Island 614 Lump Sum Mointenance of Traffic 659 2500 Sq. Yd. Permanent Seeding and Mulching within R/W 660 155 Sq. Yd. Sodding 703 1 Cu. Yd. No. 57 Aggregate - Compacted No. 1 & No. 2 Ag 807 4 Each Valve Boxes, Adjusted to Grade Fire Hydrant, to be Relocated 810 1 Each Fire Hydrant, to be Relocated 630 332 Lin. Ft. 12" Storm Pipe, R.C.P. 706.02 Class IV, with Type 1 901 5 Lin. Ft. 12" Storm Pipe, R.C.P. 706.02 Class IV, with Type 1 630 332 Lin. Ft. 10" Connented Support, No. 3 Post 644 Lump Sum Removal of Existing Signs 644 Lin. Ft.	ent 1H Cover
Solid Soli	1H Cover
Each Endwall - Precast (AA-S169) (1-12")	
604 1 Each Manhole, Type B, Class E 604 1 Each Manhole, to be Reconstructed as Curb Inlet Manhole (A 604 3 Each Curb & Gutter Inlet (AA—S125) 604 1 Each 24" Diameter Catch Basin (AA—S131) 604 1 Each Manhole, Adjusted to Grade (Storm) 604 1 Each Manhole, Adjusted to Grade (Storm) 605 2535 Lin. Ft. Concrete Sidewalk 608 10 Each Curb Ramps (Type) 608 10 Each Detectable Warning 609 1730 Lin. Ft. Combination Curb & Gutter, Type Standard 609 1730 Lin. Ft. Combination Curb & Gutter, Type Standard 609 159 Lin. Ft. Combination Curb & Gutter, Type Standard 609 159 Lin. Ft. Combination Curb & Gutter, Type Special 8" 609 159 Lin. Ft. Curb, Straight 18" 609 159 Lin. Ft. Saw Cutting Existing Curb 609 159 </td <td></td>	
604 1 Each Manhole, to be Reconstructed as Curb Inlet Manhole (A 604 3 Each Curb & Gutter Inlet (AA—S125) 604 1 Each 24" Diameter Catch Basin (AA—S131) 604 1 Each Monhole, Adjusted to Grade (Storm) 604 1 Each Monhole, Adjusted to Grade (Storm) 605 2535 Lin. Ft. Concrete Sidewalk 608 6500 Sq. Ft. Concrete Sidewalk 608 10 Each Detectable Warning 609 1730 Lin. Ft. Combination Curb & Gutter, Type Standard 609 1730 Lin. Ft. Combination Curb & Gutter, Type Standard 609 190 Lin. Ft. Combination Curb & Gutter, Type Standard 609 190 Lin. Ft. Combination Curb & Gutter, Type Standard 609 190 Lin. Ft. Combination Curb & Gutter, Type Standard 609 190 Lin. Ft. Combination Curb & Gutter, Type Standard 609 190 Lin. Ft. Cowb Call Standard <tr< td=""><td>A-S121)</td></tr<>	A-S121)
604 3 Each Curb & Gutter Inlet (AA—S125) 604 1 Each 24" Diameter Catch Basin (AA—S131) 604 1 Each 24" Diameter Catch Basin (AA—S131) 605 2535 Lin. Ft 4" Pipe Underdrain 608 6500 Sq. Ft. Concrete Sidewalk 608 10 Each Curb Ramps (Type) 608 10 Each Detectable Warning 609 1730 Lin. Ft. Combination Curb & Gutter, Type Standard 609 90 Lin. Ft. Combination Curb & Gutter, Type Special 8" 609 485 Lin. Ft. Combination Curb & Gutter, Type Special 8" 609 1597 Lin. Ft. Saw Cutting Existing Curb 609 9 Sq. Yd. 6" Concrete Traffic Island 614 Lump Sum Maintenance of Traffic 624 Lump Sum Mobilization 659 2500 Sq. Yd. Permanent Seeding and Mulching within R/W 660 155 Sq. Yd. Sodding 703 1 Cu. Yd. No. 57 Aggregate — Compacted No. 1 & No. 2 Ag 807 4 Each Valve Boxes, Adjusted to Grade 809 1 Each Fire Hydrant, to be Relocated 810 1 Each Fire Hydrant Extension 901 30 Lin. Ft. 12" Storm Pipe, R.C.P. 706.02 Class IV, with Type 1 901 5 Lin. Ft. 12" Storm Pipe with Type 1 Bedding PAVEMENT MARKING & SIGNING 621 97 Each Raised Pavement Markers 630 332 Lin. Ft. Ground Mounted Support, No. 3 Post 630 139.5 Sq. Ft. Signs, Flat Sheet, Type G 630 3 Each Removal of Existing Signs 644 Lump Sum Removal of Existing Pavement Markings 644 2766 Lin. Ft. 5" Centerline — Solid (Double Yellow) 644 240 Lin. Ft. 20" Transverse Line (Yellow) 644 2223 Lin. Ft. 10" Channelizing Line (White) 644 734 Lin. Ft. 5" Dashed Lane Line (White) 644 264 Lin. Ft. 5" Solid & Dashed Line (White) 644 264 Lin. Ft. 5" Conserval Line (White)	A-S121)
604 1 Each 24" Diameter Catch Basin (AA—S131) 604 1 Each Manhole, Adjusted to Grade (Storm) 605 2535 Lin. Ft 4" Pipe Underdrain 608 6500 Sq. Ft. Concrete Sidewalk 608 10 Each Detectable Warning 609 1730 Lin. Ft. Combination Curb & Gutter, Type Special 8" 609 1730 Lin. Ft. Combination Curb & Gutter, Type Special 8" 609 485 Lin. Ft. Combination Curb & Gutter, Type Special 8" 609 1597 Lin. Ft. Combination Curb & Gutter, Type Special 8" 609 1597 Lin. Ft. Combination Curb & Gutter, Type Special 8" 609 1597 Lin. Ft. Combination Curb & Gutter, Type Special 8" 609 1597 Lin. Ft. Combination Curb & Gutter, Type Special 8" 609 1597 Lin. Ft. Corb, Straight 18" 609 1597 Lin. Ft. Corb Carlos Gutter, Type Special 8" 609 1597 Lin. Ft. Curb Straight 18"	
604 1 Each Manhole, Adjusted to Grade (Storm) 605 2535 Lin. Ft 4" Pipe Underdrain 608 6500 Sq. Ft. Concrete Sidewalk 608 10 Each Curb Ramps (Type) 608 10 Each Detectable Warning 609 1730 Lin. Ft. Combination Curb & Gutter, Type Special 8" 609 1730 Lin. Ft. Combination Curb & Gutter, Type Special 8" 609 90 Lin. Ft. Combination Curb & Gutter, Type Special 8" 609 485 Lin. Ft. Combination Curb & Gutter, Type Special 8" 609 1597 Lin. Ft. Combination Curb & Gutter, Type Special 8" 609 1597 Lin. Ft. Combination Curb & Gutter, Type Special 8" 609 1597 Lin. Ft. Saw Cutting Existing Curb 609 9 Sq. Yd. Gutter Gutter 609 9 Sq. Yd. Butter Fraffic 609 155 Sq. Yd. Permanent Seeding and Mulching within R/W <	
605 2535 Lin. Ft 4" Pipe Underdrain 608 6500 Sq. Ft. Concrete Sidewalk 608 10 Each Curb Ramps (Type) 608 10 Each Detectable Warning 609 1730 Lin. Ft. Combination Curb & Gutter, Type Standard 609 90 Lin. Ft. Combination Curb & Gutter, Type Special 8" 609 485 Lin. Ft. Combination Curb & Gutter, Type Special 8" 609 485 Lin. Ft. Combination Curb & Gutter, Type Special 8" 609 1597 Lin. Ft. Combination Curb & Gutter, Type Special 8" 609 485 Lin. Ft. Combination Curb & Gutter, Type Special 8" 609 1597 Lin. Ft. Combination Curb & Gutter, Type Special 8" 609 150 Ag. Val. Curb, Straight 18" 609 1 50 Ag. Val. Curb, Straight 18" 624 Lump Sum Mobilization Mulching within R/W 660 155 Sq. Yd. Sodding 703 1<	
608 10 Each Curb Ramps (Type) 608 10 Each Detectable Warning 609 1730 Lin. Ft. Combination Curb & Gutter, Type Standard 609 90 Lin. Ft. Combination Curb & Gutter, Type Special 8" 609 485 Lin. Ft. Combination Curb & Gutter, Type Special 8" 609 485 Lin. Ft. Combination Curb & Gutter, Type Special 8" 609 1597 Lin. Ft. Combination Curb & Gutter, Type Special 8" 609 1597 Lin. Ft. Combination Curb & Gutter, Type Special 8" 609 1597 Lin. Ft. Combination Curb & Gutter, Type Special 8" 609 1597 Lin. Ft. Curb, Straight 18" 609 1597 Lin. Ft. Curb, Straight 18" 609 1 Sum Molitarian 601 155 Sq. Yd. Permanent Seeding and Mulching within R/W 660 155 Sq. Yd. Sodding 703 1 Cu. Yd. No. 57 Aggregate - Compacted No. 1 & No. 2 Ag <td< td=""><td></td></td<>	
608 10 Each Detectable Warning 609 1730 Lin. Ft. Combination Curb & Gutter, Type Standard 609 90 Lin. Ft. Combination Curb & Gutter, Type Special 8" 609 485 Lin. Ft. Curb, Straight 18" 609 1597 Lin. Ft. Saw Cutting Existing Curb 609 9 Sq. Yd. 6" Concrete Traffic Island 614 Lump Sum Mobilization 659 2500 Sq. Yd. Permanent Seeding and Mulching within R/W 660 155 Sq. Yd. Sodding 703 1 Cu. Yd. No. 57 Aggregate — Compacted No. 1 & No. 2 Ag 807 4 Each Valve Boxes, Adjusted to Grade 809 1 Each Fire Hydrant, to be Relocated 810 1 Each Fire Hydrant Extension 901 30 Lin. Ft. 12" Storm Pipe, R.C.P. 706.02 Class IV, with Type 1 901 5 Lin. Ft. 12" Storm Pipe with Type 1 Bedding PAVEMENT MARKING & SIGNING 621	
1730	
609 90	
609 485 Lin. Ft. Curb, Straight 18" 609 1597 Lin. Ft. Saw Cutting Existing Curb 609 9 Sq. Yd. 6" Concrete Traffic Island 614 Lump Sum Mobilization 624 Lump Sum Mobilization 659 2500 Sq. Yd. Permanent Seeding and Mulching within R/W 660 155 Sq. Yd. Permanent Seeding and Mulching within R/W 660 155 Sq. Yd. Permanent Seeding and Mulching within R/W 660 155 Sq. Yd. Sodding 703 1 Cu. Yd. No. 57 Aggregate - Compacted No. 1 & No. 2 Aggregate 807 4 Each Valve Boxes, Adjusted to Grade 809 1 Each Fire Hydrant, to be Relocated 810 1 Each Fire Hydrant Extension 901 30 Lin. Ft. 12" Storm Pipe, R.C.P. 706.02 Class IV, with Type 1 901 5 Lin. Ft. 12" Storm Pipe with Type 1 Bedding PAVEMENT MARKING & SIGNING 621	
609 9 Sq. Yd. 6" Concrete Traffic Island 614 Lump Sum Maintenance of Traffic 624 Lump Sum Mobilization 659 2500 Sq. Yd. Permanent Seeding and Mulching within R/W 660 155 Sq. Yd. Sodding 703 1 Cu. Yd. No. 57 Aggregate — Compacted No. 1 & No. 2 Ag 807 4 Each Valve Boxes, Adjusted to Grade 809 1 Each Fire Hydrant, to be Relocated 810 1 Each Fire Hydrant Extension 901 30 Lin. Ft. 12" Storm Pipe, R.C.P. 706.02 Class IV, with Type 1 901 5 Lin. Ft. 12" Storm Pipe with Type 1 Bedding PAVEMENT MARKING & SIGNING 621 97 Each Raised Pavement Markers 630 332 Lin. Ft. Ground Mounted Support, No. 3 Post 630 139.5 Sq. Ft. Signs, Flat Sheet, Type G 630 3 Each Removal of Existing Signs	
614 Lump Sum Maintenance of Traffic 624 Lump Sum Mobilization 659 2500 Sq. Yd. Permanent Seeding and Mulching within R/W 660 155 Sq. Yd. Sodding 703 1 Cu. Yd. No. 57 Aggregate – Compacted No. 1 & No. 2 Aggregate 807 4 Each Valve Boxes, Adjusted to Grade 809 1 Each Fire Hydrant, to be Relocated 810 1 Each Fire Hydrant Extension 901 30 Lin. Ft. 12" Storm Pipe, R.C.P. 706.02 Class IV, with Type 1 901 5 Lin. Ft. 12" Storm Pipe with Type 1 Bedding PAVEMENT MARKING & SIGNING 621 97 Each Raised Pavement Markers 630 332 Lin. Ft. Ground Mounted Support, No. 3 Post 630 139.5 Sq. Ft. Signs, Flat Sheet, Type G 630 3 Each Removal of Existing Signs 644 Lump Sum Removal of Existing Pavement Markings <td></td>	
624 Lump Sum Mobilization 659 2500 Sq. Yd. Permanent Seeding and Mulching within R/W 660 155 Sq. Yd. Sodding 703 1 Cu. Yd. No. 57 Aggregate - Compacted No. 1 & No. 2 Ag 807 4 Each Valve Boxes, Adjusted to Grade 809 1 Each Fire Hydrant, to be Relocated 810 1 Each Fire Hydrant Extension 901 30 Lin. Ft. 12" Storm Pipe, R.C.P. 706.02 Class IV, with Type 1 901 5 Lin. Ft. 12" Storm Pipe with Type 1 Bedding PAVEMENT MARKING & SIGNING 621 97 Each Raised Pavement Markers 630 332 Lin. Ft. Ground Mounted Support, No. 3 Post 630 139.5 Sq. Ft. Signs, Flat Sheet, Type G 630 3 Each Removal of Existing Signs 644 Lump Sum Removal of Existing Pavement Markings 644 2766 Lin. Ft. 5" Centerline - Solid (Double Yellow)	
659 2500 Sq. Yd. Permanent Seeding and Mulching within R/W 660 155 Sq. Yd. Sodding 703 1 Cu. Yd. No. 57 Aggregate — Compacted No. 1 & No. 2 Aggregate 807 4 Each Valve Boxes, Adjusted to Grade 809 1 Each Fire Hydrant, to be Relocated 810 1 Each Fire Hydrant Extension 901 30 Lin. Ft. 12" Storm Pipe, R.C.P. 706.02 Class IV, with Type 1 901 5 Lin. Ft. 12" Storm Pipe with Type 1 Bedding PAVEMENT MARKING & SIGNING 621 97 Each Raised Pavement Markers 630 332 Lin. Ft. Ground Mounted Support, No. 3 Post 630 139.5 Sq. Ft. Signs, Flat Sheet, Type G 630 3 Each Removal of Existing Signs 644 Lump Sum Removal of Existing Pavement Markings 644 2766 Lin. Ft. 5" Centerline — Solid (Double Yellow) 644 240 Lin. Ft. 2	
155 Sq. Yd. Sodding	
807	
809 1 Each Fire Hydrant, to be Relocated 810 1 Each Fire Hydrant Extension 901 30 Lin. Ft. 12" Storm Pipe, R.C.P. 706.02 Class IV, with Type 1 901 5 Lin. Ft. 12" Storm Pipe with Type 1 Bedding PAVEMENT MARKING & SIGNING 621 97 Each Raised Pavement Markers 630 332 Lin. Ft. Ground Mounted Support, No. 3 Post 630 139.5 Sq. Ft. Signs, Flat Sheet, Type G 630 3 Each Removal of Existing Signs 644 Lump Sum Removal of Existing Pavement Markings 644 2766 Lin. Ft. 5" Centerline - Solid (Double Yellow) 644 240 Lin. Ft. 20" Stop Line (White) 644 231 Lin. Ft. 20" Transverse Line (Yellow) 644 2223 Lin. Ft. 5" Dashed Lane Line (White) 644 0 Lin. Ft. 5" Solid & Dashed Line (White) 644 264 Lin. Ft. 5" Edge Line (Wh	gregate
810 1	
901 30 Lin. Ft. 12" Storm Pipe, R.C.P. 706.02 Class IV, with Type 1 901 5 Lin. Ft. 12" Storm Pipe with Type 1 Bedding PAVEMENT MARKING & SIGNING 621 97 Each Raised Pavement Markers 630 332 Lin. Ft. Ground Mounted Support, No. 3 Post 630 139.5 Sq. Ft. Signs, Flat Sheet, Type G 630 3 Each Removal of Existing Signs 644 Lump Sum Removal of Existing Pavement Markings 644 2766 Lin. Ft. 5" Centerline — Solid (Double Yellow) 644 240 Lin. Ft. 20" Stop Line (White) 644 331 Lin. Ft. 20" Transverse Line (Yellow) 644 2223 Lin. Ft. 10" Channelizing Line (White) 644 734 Lin. Ft. 5" Dashed Lane Line (White) 644 0 Lin. Ft. 5" Solid & Dashed Line (White) 644 1000 Lin. Ft. 5" Edge Line (White) 644 1000 Lin. Ft. 5" Edge Line (White)	
PAVEMENT MARKING & SIGNING Bach Raised Pavement Markers Gao 332 Lin. Ft. Ground Mounted Support, No. 3 Post Gao 34 Each Removal of Existing Signs Gad Lump Sum Removal of Existing Pavement Markings Gad 2766 Lin. Ft. 5" Centerline — Solid (Double Yellow) Gad 331 Lin. Ft. 20" Stop Line (White) Gad 331 Lin. Ft. 20" Transverse Line (Yellow) Gad 34 Each Removal of Existing Pavement Markings Gad 2766 Lin. Ft. 20" Stop Line (White) Gad 35 Each Removal of Existing Pavement Markings Gad 2766 Lin. Ft. 5" Centerline — Solid (Double Yellow) Gad 240 Lin. Ft. 20" Transverse Line (Yellow) Gad 2223 Lin. Ft. 10" Channelizing Line (White) Gad 2224 Lin. Ft. 5" Dashed Lane Line (White) Gad 264 Lin. Ft. 5" Solid & Dashed Line (White) Gad 264 Lin. Ft. 5" Edge Line (White) Gad 264 Lin. Ft. 5" Edge Line (White) Gad 264 Lin. Ft. 10" Crosswalk Line (White)	Bedding
621 97 Each Raised Pavement Markers 630 332 Lin. Ft. Ground Mounted Support, No. 3 Post 630 139.5 Sq. Ft. Signs, Flat Sheet, Type G 630 3 Each Removal of Existing Signs 644 Lump Sum Removal of Existing Pavement Markings 644 2766 Lin. Ft. 5" Centerline — Solid (Double Yellow) 644 240 Lin. Ft. 20" Stop Line (White) 644 331 Lin. Ft. 20" Transverse Line (Yellow) 644 2223 Lin. Ft. 10" Channelizing Line (White) 644 734 Lin. Ft. 5" Dashed Lane Line (White) 644 0 Lin. Ft. 5" Solid & Dashed Line (White) 644 264 Lin. Ft. 5" Edge Line (White) 644 264 Lin. Ft. 5" Edge Line (White)	
630 332 Lin. Ft. Ground Mounted Support, No. 3 Post 630 139.5 Sq. Ft. Signs, Flat Sheet, Type G 630 3 Each Removal of Existing Signs 644 Lump Sum Removal of Existing Pavement Markings 644 2766 Lin. Ft. 5" Centerline — Solid (Double Yellow) 644 240 Lin. Ft. 20" Stop Line (White) 644 331 Lin. Ft. 20" Transverse Line (Yellow) 644 2223 Lin. Ft. 10" Channelizing Line (White) 644 734 Lin. Ft. 5" Dashed Lane Line (White) 644 0 Lin. Ft. 5" Solid & Dashed Line (White) 644 264 Lin. Ft. 5" Edge Line (White) 644 1000 Lin. Ft. 10" Crosswalk Line (White)	
139.5 Sq. Ft. Signs, Flat Sheet, Type G 630 3 Each Removal of Existing Signs 644 Lump Sum Removal of Existing Pavement Markings 644 2766 Lin. Ft. 5" Centerline — Solid (Double Yellow) 644 240 Lin. Ft. 20" Stop Line (White) 644 331 Lin. Ft. 20" Transverse Line (Yellow) 644 2223 Lin. Ft. 10" Channelizing Line (White) 644 734 Lin. Ft. 5" Dashed Lane Line (White) 644 0 Lin. Ft. 5" Solid & Dashed Line (White) 644 264 Lin. Ft. 5" Edge Line (White) 644 1000 Lin. Ft. 10" Crosswalk Line (White)	
630 3 Each Removal of Existing Signs 644 Lump Sum Removal of Existing Pavement Markings 644 2766 Lin. Ft. 5" Centerline — Solid (Double Yellow) 644 240 Lin. Ft. 20" Stop Line (White) 644 331 Lin. Ft. 20" Transverse Line (Yellow) 644 2223 Lin. Ft. 10" Channelizing Line (White) 644 734 Lin. Ft. 5" Dashed Lane Line (White) 644 0 Lin. Ft. 5" Solid & Dashed Line (White) 644 264 Lin. Ft. 5" Edge Line (White) 644 1000 Lin. Ft. 10" Crosswalk Line (White)	
644 Lump Sum Removal of Existing Pavement Markings 644 2766 Lin. Ft. 5" Centerline — Solid (Double Yellow) 644 240 Lin. Ft. 20" Stop Line (White) 644 331 Lin. Ft. 20" Transverse Line (Yellow) 644 2223 Lin. Ft. 10" Channelizing Line (White) 644 734 Lin. Ft. 5" Dashed Lane Line (White) 644 0 Lin. Ft. 5" Solid & Dashed Line (White) 644 264 Lin. Ft. 5" Edge Line (White) 644 1000 Lin. Ft. 10" Crosswalk Line (White)	
644 2766 Lin. Ft. 5" Centerline - Solid (Double Yellow) 644 240 Lin. Ft. 20" Stop Line (White) 644 331 Lin. Ft. 20" Transverse Line (Yellow) 644 2223 Lin. Ft. 10" Channelizing Line (White) 644 734 Lin. Ft. 5" Dashed Lane Line (White) 644 0 Lin. Ft. 5" Solid & Dashed Line (White) 644 264 Lin. Ft. 5" Edge Line (White) 644 1000 Lin. Ft. 10" Crosswalk Line (White)	
644 240 Lin. Ft. 20" Stop Line (White) 644 331 Lin. Ft. 20" Transverse Line (Yellow) 644 2223 Lin. Ft. 10" Channelizing Line (White) 644 734 Lin. Ft. 5" Dashed Lane Line (White) 644 0 Lin. Ft. 5" Solid & Dashed Line (White) 644 264 Lin. Ft. 5" Edge Line (White) 644 1000 Lin. Ft. 10" Crosswalk Line (White)	
644 2223 Lin. Ft. 10" Channelizing Line (White) 644 734 Lin. Ft. 5" Dashed Lane Line (White) 644 0 Lin. Ft. 5" Solid & Dashed Line (White) 644 264 Lin. Ft. 5" Edge Line (White) 644 1000 Lin. Ft. 10" Crosswalk Line (White)	
644 734 Lin. Ft. 5" Dashed Lane Line (White) 644 0 Lin. Ft. 5" Solid & Dashed Line (White) 644 264 Lin. Ft. 5" Edge Line (White) 644 1000 Lin. Ft. 10" Crosswalk Line (White)	
644 0 Lin. Ft. 5" Solid & Dashed Line (White) 644 264 Lin. Ft. 5" Edge Line (White) 644 1000 Lin. Ft. 10" Crosswalk Line (White)	
644 264 Lin. Ft. 5" Edge Line (White) 644 1000 Lin. Ft. 10" Crosswalk Line (White)	
644 1000 Lin. Ft. 10" Crosswalk Line (White)	
` '	
1 === 1 in a tomone (mice)	
644 12 Each Word On Pavement (72" White)	
647 14 Each Reboundable Traffic Post, (Yellow) Installed	
SEDIMENT & EROSION CONTROL	
207 780 Lin. Ft. Sediment Fence	
207 Lump Sum Existing Sediment Fence Maintained As Per Plan 207 2 Each Dandy Bag	
207 16 Each Beaver Dam	
207 Lump Sum Existing Sediment Control Maintained As Per Plan	
659 Lump Sum Seeding & Mulching	
LIGHTING	
1000 2 Each Light Pole Foundation, Removal, As Per Plan (MIS-2	
1000 2 Each Foundation Reinforced 8', As Per Plan (MIS-81) 1000 836 Lin. Ft. Street Light Circuit, #4AWG 5KV Cable (MIS-14)	3)
1000 836 Lin. Ft. Street Light Circuit, #4AWG 5KV Cable (MIS-14) 1000 2 Each Street Light Standard Relocation, As Per Plan (MIS-	3)
1000 252 Lin. Ft. 2" Conduit, In Open Areas (MIS-15)	
1000 1 Each Pullbox, Medium Duty, 13"x24" (MIS-4)	
1000 133 Lin. Ft. 2" Conduit, Under Street Pavement (MIS-17)	
1000 2 Each Clean and Relamp HPS Luminaires (MIS-68)	
1000 1 Lump System Removal, Existing Underground (MIS-75)	

ITEM	QUANTITY	UNIT	TRAFFIC SIGNAL & INTERCONNECT
202	54	Lin. Ft.	
202	1	Each	Removal of Existing Signal Cable
625	2	Each	Remove and Reset Pull Box
625	802	Lin. Ft.	Conduit, 2", 725.05, As Per Plan
625	45	Lin. Ft.	Conduit, 3", 725.05, As Per Plan
625	127	Lin. Ft.	Conduit, 2", 725.04, Jacked or Drilled
625	206	Lin. Ft.	Conduit, 3", 725.05, Jacked or Drilled
625	1,196	Lin. Ft.	Encased Interconnect Conduit Bank, 2—3", TC—2, SCH 40, As Per Plan
625	802	Lin. Ft.	Trench, As Per Plan
625	6	Each	Ground Rod, As Per Plan
625	5	Each	Pullbox, 725.08, 27" Round Concrete, As Per Plan
625	9	Each	Pullbox, As Per Plan
625	48	Lin. Ft.	No. 4 AWG, 600 Volt Distribution Cable, As Per Plan
625	583	Lin. Ft.	No. 8 AWG, 600 Volt Distribution Cable, As Per Plan
630	1	Each	Signs, As Per Plan
632		Each	Conduit Riser, 2" Diameter
632		Each	Vehicular Signal Head, LED, 3 Section, 12" Lens, 1 Way, As Per Plan
632	1	Each	Vehicular Signal Head, LED, 5 Section, 12" Lens, 1 Way, As Per Plan
632	1	Each	Vehicular Signal Head Removed For Storage
632	8	Each	Pedestrian Signal Head, As Per Plan
632		Each	Pedestrial Push Button
632	26	Each	Detector Loop, As Per Plan
632	3	Each	Loop Detector Unit, As Per Plan
632	2,123	Lin. Ft.	Loop Detector Lean in Cable, IMSA-50
632	1	Each	Microwave Unit, As Per Plan
632		Each	Covering Vehicular Signal Head, As Per Plan
632		Each	Covering of Pedestrian Signal Head, As Per Plan
632		Each	Covering of Pedestrian Pushbutton, As Per Plan
632	1	Each	Sleeve for Anchor Base Foundation, As Per Plan
632		Lin. Ft.	Signal Cable, 7—Conductor, No. 14 AWG
632	772	Lin. Ft.	Signal Cable, 9—Conductor, No. 14 AWG
632		Lin. Ft.	Messenger Wire, 7 Strand, 3/8" Diameter with Accessories
632	4	Each	Strain Pole Foundation, As Per Plan
632		Lin. Ft.	Power Cable, 3 Conductor, CU, #8 AWG, As Per Plan
632		Each	Strain Pole, Type TC-81.10, Anchor Base, (Des. 5, 30'), As Per Plan
632	1,563	Lin. Ft.	Interconnect Cable, 6 Pair, #19 AWG, PE—BJFA, As Per Plan
633	1	Each	Cabinet Foundation
633		Each	Controller Unit, TS2/A2, W/Cabinet, 8 Phase, P44, Base, As Per Plan
633	1	Each	Controller Work Pad
Special	1	Lump	Unwarranted Traffic Signal Actions

NAME

PROJECT

QUANTITIES

0 F

ESTIMATE