

Appendix B2

Infrastructure Category	Score Factor Category	Score Factor Description	Units	Calculation	Calculation Reference	Minimum Value	Maximum Value	Weighting Coefficient	Minimum Weighted Value	Maximum Weighted Value	Minimum Cumulative Value	Maximum Cumulative Value
Streets	Background	Functional Classification Length of Arterial Roadway	Lineal Feet	Length of Arterial Roadway / Total Length of Roadway	Appendix A2, Exhibit A2.4	0.00	1.00	10.00	0.00	10.00		
Streets	Background	Functional Classification Length of Collector Roadway	Lineal Feet	Length of Collector Roadway / Total Length of Roadway	Appendix A2, Exhibit A2.4	0.00	1.00	5.00	0.00	5.00	1.00	10.00
Streets	Background	Functional Classification Length of Local Roadway	Lineal Feet	Length of Local Roadway / Total Length of Roadway	Appendix A2, Exhibit A2.4	0.00	1.00	1.00	0.00	1.00		
Streets	Background	Material Length of Asphalt Roadway	Lineal Feet	Length of Asphalt Roadway / Total Length of Roadway	Appendix A2, Exhibit A2.5	0.00	1.00	10.00	0.00	10.00	5.00	10.00
Streets	Background	Material Length of Concrete Roadway	Lineal Feet	Length of Concrete Roadway / Total Length of Roadway	Appendix A2, Exhibit A2.5	0.00	1.00	5.00	0.00	5.00		
Streets	Background	Age More than 20-years	Lineal Feet	Geospatial analysis - intersection of roadways with plats filed of record, age set by plat filing date	Appendix A2, Exhibit A2.6	0.00	1.00	10.00	0.00	10.00		
Streets	Background	Age More than 15 to 20-years	Lineal Feet	Geospatial analysis - intersection of roadways with plats filed of record, age set by plat filing date	Appendix A2, Exhibit A2.6	0.00	1.00	5.00	0.00	5.00		
Streets	Background	Age More than 10 to 15-years	Lineal Feet	Geospatial analysis - intersection of roadways with plats filed of record, age set by plat filing date	Appendix A2, Exhibit A2.6	0.00	1.00	4.00	0.00	4.00	1.00	10.00
Streets	Background	Age less than 10-years	Lineal Feet	Geospatial analysis - intersection of roadways with plats filed of record, age set by plat filing date	Appendix A2, Exhibit A2.6	0.00	1.00	2.00	0.00	2.00		
Streets	Background	Age Unknown	Lineal Feet	Geospatial analysis - intersection of roadways with plats filed of record, age set by plat filing date	Appendix A2, Exhibit A2.6	0.00	1.00	1.00	0.00	1.00		
Streets	Background										7.00	30.00
Streets	Damage	Length of public roadway within EF4 to EF5 Damage Area prior to disaster	Lineal Feet	Geospatial analysis - intersection of roadways with published FEMA damage boundaries, resultant roadway length / total roadway length	Appendix A2, Exhibit A2.7	0.00	1.00	10.00	0.00	10.00		
Streets	Damage	Length of public roadway within EF2 to EF4 Damage Area prior to disaster	Lineal Feet	Geospatial analysis - intersection of roadways with published FEMA damage boundaries, resultant roadway length / total roadway length	Appendix A2, Exhibit A2.7	0.00	1.00	5.00	0.00	5.00	1.00	10.00
Streets	Damage	Length of public roadway within EF0 to EF2 Damage Area prior to disaster	Lineal Feet	Geospatial analysis - intersection of roadways with published FEMA damage boundaries, resultant roadway length / total roadway length	Appendix A2, Exhibit A2.7	0.00	1.00	2.00	0.00	2.00		
Streets	Damage	Length of public roadway outside Damage Area prior to disaster	Lineal Feet	Geospatial analysis - intersection of roadways with published FEMA damage boundaries, resultant roadway length / total roadway length	Appendix A2, Exhibit A2.7	0.00	1.00	1.00	0.00	1.00		
Streets	Damage										1.00	10.00
Streets	Proximity	Length of public roadway within 0.25-mi of Elementary School	Lineal Feet	Geospatial analysis - intersection of roadways with 0.25-mi Elementary School Buffer, resultant roadway length / total roadway length	Appendix A2, Exhibit A2.8	0.00	1.00	10.00	0.00	10.00		
Streets	Proximity	Length of public roadway within 0.25-mi of Junior High School	Lineal Feet	Geospatial analysis - intersection of roadways with 0.25-mi Junior High School Buffer, resultant roadway length / total roadway length	Appendix A2, Exhibit A2.8	0.00	1.00	5.00	0.00	5.00		
Streets	Proximity	Length of public roadway within 0.25-mi of Community Center	Lineal Feet	Geospatial analysis - intersection of roadways with 0.25-mi Community Center Buffer, resultant roadway length / total roadway length	Appendix A2, Exhibit A2.8	0.00	1.00	2.00	0.00	2.00		
Streets	Proximity	Length of public roadway within 0.25-mi of Library	Lineal Feet	Geospatial analysis - intersection of roadways with 0.25-mi Library Buffer, resultant roadway length / total roadway length	Appendix A2, Exhibit A2.8	0.00	1.00	1.00	0.00	1.00		
Streets	Proximity	Length of public roadway within 0.25-mi of Medical Facility	Lineal Feet	Geospatial analysis - intersection of roadways with 0.25-mi Medical Facility Buffer, resultant roadway length / total roadway length	Appendix A2, Exhibit A2.8	0.00	1.00	1.00	0.00	1.00		
Streets	Proximity										0.00	19.00
Streets	LMI	Q1: Census Block Group	NA	Qualitative Score Factor - IF Census Block Group = 40027.2016.04.2 THEN Score Factor = 1.00 ELSE Score Factor = 0.00	NA	0.00	1.00	10.00	0.00	10.00		
Streets	LMI	Q2: Improvements to Infrastructure would benefit LMI Census Block Group	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00		
Streets	LMI										0.00	15.00
Streets	Health and Safety	Q3: Opportunity to harden infrastructure against future disasters	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	1.00	0.00	1.00		
Streets	Health and Safety										0.00	1.00
Streets	Long Term Recovery	Q4: Opportunity to improve community aesthetic	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00		
Streets	Long Term Recovery	Q5: Current condition may be deterring reinvestment	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00		
Streets	Long Term Recovery	Q6: Historic capacity / load / design issue with infrastructure	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	10.00	0.00	10.00		
Streets	Long Term Recovery	Q7: Projected capacity issue with infrastructure	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00		
Streets	Long Term Recovery	Q8: Projected maintenance issue with infrastructure	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00		
Streets	Long Term Recovery										0.00	30.00
Streets	Sustainability	Q9: Opportunity for introduction of sustainable design concepts	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00		
Streets	Sustainability										0.00	5.00
Streets	Opportunity	Potential street projects identified by City of Moore Staff or Assessment Team	Each	Opportunity Score Factor = Count of potential street projects within given Assessment Sub-Area	NA	0.00	No Maximum	5.00	0.00	No Maximum		
Streets	Opportunity										0.00	No Maximum
Streets	Condition	SR1 - Alligator Cracking	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.05	0.00	No Maximum		
Streets	Condition	SR2 - Surface Irregularity	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.05	0.00	No Maximum		
Streets	Condition	SR3 - Subgrade Failure	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.05	0.00	No Maximum		
Streets	Condition	SR4 - Spalling at Joint	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.05	0.00	No Maximum		
Streets	Condition	SR5 - Longitudinal Cracking	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.05	0.00	No Maximum		
Streets	Condition	SR6 - Transverse Cracking	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.05	0.00	No Maximum		
Streets	Condition	SR7 - Shoving	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.05	0.00	No Maximum		
Streets	Condition	SR8 - Patching	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.05	0.00	No Maximum		
Streets	Condition	SR9 - Potholes	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.05	0.00	No Maximum		
Streets	Condition	SR10 - Weathering / Raveling	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.05	0.00	No Maximum		
Streets	Condition	SR11 - Corner Break	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.05	0.00	No Maximum		
Streets	Condition	SR12 - Scaling	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.05	0.00	No Maximum		
Streets	Condition	SR13 - Curb Damage	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.05	0.00	No Maximum		
Streets	Condition	SR14 - Drive Damage	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.05	0.00	No Maximum		
Streets	Condition	SR15 - Evidence of Ponding	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.05	0.00	No Maximum		
Streets	Condition	SR16 - Abandoned Drive/Sidewalk	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.05	0.00	No Maximum		
Streets	Condition	SR17 - Recent repair work	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.05	0.00	No Maximum		
Streets	Condition										0.00	No Maximum
Streets											8.00	No Maximum

Infrastructure Category	Score Factor Category	Score Factor Description	Units	Calculation	Calculation Reference	Minimum Value	Maximum Value	Weighting Coefficient	Minimum Weighted Value	Maximum Weighted Value	Minimum Cumulative Value	Maximum Cumulative Value	
Sidewalks	Background	Sidewalk Inventory Pre-Disaster Sidewalk Inventory per 2010 ACOG data	Lineal Feet	Geospatial analysis - intersection of 2010 ACOG data with Assessment Sub-Area, resultant sidewalk length / theoretical maximum sidewalk length (road length x 2)	Appendix A2, Exhibit A2.9	0.00	1.00	2.00	0.00	2.00			
Sidewalks	Background	Sidewalk Inventory future damage anticipated per field assessment	Lineal Feet	Geo-spatial analysis - length of noted condition within Assessment Sub-Area (from field inspection), resultant sidewalk length / theoretical maximum sidewalk length	Appendix A2, Exhibit A2.9	0.00	1.00	4.00	0.00	4.00	0.00	8.00	
Sidewalks	Background	Sidewalk Inventory sidewalk missing or not continuous	Lineal Feet	Geo-spatial analysis - length of noted condition within Assessment Sub-Area (from field inspection), resultant sidewalk length / theoretical maximum sidewalk length	Appendix A2, Exhibit A2.9	0.00	1.00	6.00	0.00	6.00			
Sidewalks	Background	Q37A: Available Right-of-Way fraction of sidewalk to be const. where sufficient right-of-way exists	unitless	Qualitative Score Factor - based on field assessment and review	NA	0.00	1.00	5.00	0.00	5.00	0.00	5.00	
Sidewalks	Background	Q37B: Available Right-of-Way fraction of sidewalk to be const. where insufficient right-of-way exists	unitless	Qualitative Score Factor - based on field assessment and review	NA	0.00	1.00	1.00	0.00	1.00			
Sidewalks	Background										0.00	13.00	
Sidewalks	Damage	Historical sidewalk length within EF4 to EF5 Damage Area prior to disaster (ft)	Lineal Feet	Geospatial analysis - intersection of 2010 ACOG Sidewalk Data with FEMA damage boundaries, resultant sidewalk length / theoretical maximum sidewalk length	Appendix A2, Exhibit A2.7	0.00	1.00	10.00	0.00	10.00			
Sidewalks	Damage	Historical sidewalk length within EF2 to EF4 Damage Area prior to disaster (ft)	Lineal Feet	Geospatial analysis - intersection of 2010 ACOG Sidewalk Data with FEMA damage boundaries, resultant sidewalk length / theoretical maximum sidewalk length	Appendix A2, Exhibit A2.7	0.00	1.00	5.00	0.00	5.00	1.00	10.00	
Sidewalks	Damage	Historical sidewalk length within EF0 to EF2 Damage Area prior to disaster (ft)	Lineal Feet	Geospatial analysis - intersection of 2010 ACOG Sidewalk Data with FEMA damage boundaries, resultant sidewalk length / theoretical maximum sidewalk length	Appendix A2, Exhibit A2.7	0.00	1.00	2.00	0.00	2.00			
Sidewalks	Damage	Historical sidewalk length outside Damage Area prior to disaster (ft)	Lineal Feet	Geospatial analysis - intersection of 2010 ACOG Sidewalk Data with FEMA damage boundaries, resultant sidewalk length / theoretical maximum sidewalk length	Appendix A2, Exhibit A2.7	0.00	1.00	1.00	0.00	1.00			
Sidewalks	Damage										1.00	10.00	
Sidewalks	Proximity	Length of existing or future sidewalks within 0.25-mi of Elementary School	Lineal Feet	Geospatial analysis - intersection of existing or future sidewalks with 0.25-mi Elementary School Buffer, resultant sidewalk length / theoretical maximum length	Appendix A2, Exhibit A2.8	0.00	1.00	5.00	0.00	5.00			
Sidewalks	Proximity	Length of existing or future sidewalks within 0.25-mi of Junior High School	Lineal Feet	Geospatial analysis - intersection of existing or future sidewalks with 0.25-mi Junior High School Buffer, resultant sidewalk length / theoretical maximum length	Appendix A2, Exhibit A2.8	0.00	1.00	4.00	0.00	4.00			
Sidewalks	Proximity	Length of existing or future sidewalks within 0.25-mi of Park	Lineal Feet	Geospatial analysis - intersection of existing or future sidewalks with 0.25-mi Community Center Buffer, resultant sidewalk length / theoretical maximum length	Appendix A2, Exhibit A2.8	0.00	1.00	3.00	0.00	3.00			
Sidewalks	Proximity	Length of existing or future sidewalks within 0.25-mi of Community Center	Lineal Feet	Geospatial analysis - intersection of existing or future sidewalks with 0.25-mi Community Center Buffer, resultant sidewalk length / theoretical maximum length	Appendix A2, Exhibit A2.8	0.00	1.00	1.00	0.00	1.00			
Sidewalks	Proximity	Length of existing or future sidewalks within 0.25-mi of Library	Lineal Feet	Geospatial analysis - intersection of existing or future sidewalks with 0.25-mi Library Buffer, resultant sidewalk length / theoretical maximum length	Appendix A2, Exhibit A2.8	0.00	1.00	1.00	0.00	1.00			
Sidewalks	Proximity										0.00	14.00	
Sidewalks	LMI	Q37C: Census Block Group	NA	Qualitative Score Factor - IF Census Block Group = 40027.2016.04.2 THEN Score Factor = 1.00 ELSE Score Factor = 0.00	NA	0.00	1.00	10.00	0.00	10.00			
Sidewalks	LMI	Q38: Improvements to Infrastructure would benefit LMI Census Block Group	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00			
Sidewalks	LMI										0.00	15.00	
Sidewalks	Health and Safety	Q39: Opportunity to harden infrastructure against future disasters	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	1.00	0.00	1.00			
Sidewalks	Health and Safety										0.00	1.00	
Sidewalks	Long Term Recovery	Q40: Opportunity to improve community aesthetic	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00			
Sidewalks	Long Term Recovery	Q41: Current condition may be deterring reinvestment	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00			
Sidewalks	Long Term Recovery	Q42: Historic pedestrian access issue in area	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	10.00	0.00	10.00			
Sidewalks	Long Term Recovery	Q43: Projected pedestrian access issue with infrastructure	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00			
Sidewalks	Long Term Recovery	Q44: Projected maintenance issue with infrastructure	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00			
Sidewalks	Long Term Recovery										0.00	30.00	
Sidewalks	Sustainability	Q45: Opportunity for introduction of sustainable design concepts	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00			
Sidewalks	Sustainability										0.00	5.00	
Sidewalks	Opportunity	Potential sidewalk projects identified by City of Moore Staff or Assessment Team	Each	Opportunity Score Factor = Count of potential sidewalk projects within given Assessment Sub-Area	NA	0.00	No Maximum	5.00	0.00	No Maximum			
Sidewalks	Opportunity										0.00	No Maximum	
Sidewalks	Condition	SW1 - surface spall	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.25	0.00	No Maximum			
Sidewalks	Condition	SW2 - joint deflection	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.25	0.00	No Maximum			
Sidewalks	Condition	SW3 - panel settlement	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.25	0.00	No Maximum			
Sidewalks	Condition	SW4 - panel cracking	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.25	0.00	No Maximum			
Sidewalks	Condition	SW5 - obstructions present	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.25	0.00	No Maximum			
Sidewalks	Condition	SW6 - curb ramps not present	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.25	0.00	No Maximum			
Sidewalks	Condition	SW7 - sidewalk missing or not continuous	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.25	0.00	No Maximum			
Sidewalks	Condition	SW8 - longitudinal slope > 5%	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.25	0.00	No Maximum			
Sidewalks	Condition	SW9 - cross slope > 2%	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.25	0.00	No Maximum			
Sidewalks	Condition	SW10 - not ADA compliant at intersection	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.25	0.00	No Maximum			
Sidewalks	Condition	SW11 - evidence of ponding	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.25	0.00	No Maximum			
Sidewalks	Condition	SW12 - anticipated future damage	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.25	0.00	No Maximum			
Sidewalks	Condition	SW13 - evidence of recent repair work	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.25	0.00	No Maximum			
Sidewalks	Condition	SW14 - insufficient vehicular separation	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.25	0.00	No Maximum			
Sidewalks	Condition										0.00	No Maximum	
Sidewalks											Infrastructure Rating Index (IRI)	1.00	No Maximum

Infrastructure Category	Score Factor Category	Score Factor Description	Units	Calculation	Calculation Reference	Minimum Value	Maximum Value	Weighting Coefficient	Minimum Weighted Value	Maximum Weighted Value	Minimum Cumulative Value	Maximum Cumulative Value	
Sanitary Sewer Background		Line Size Diameter: 12-in or greater	Lineal Feet	Geospatial analysis - intersection of Sanitary Sewer inventory with Assessment Sub-Area, resultant line length / total line length	Appendix A2, Exhibit A2.10	0.00	1.00	10.00	0.00	10.00			
Sanitary Sewer Background		Line Size Diameter: 8-in to 12-in	Lineal Feet	Geospatial analysis - intersection of Sanitary Sewer inventory with Assessment Sub-Area, resultant line length / total line length	Appendix A2, Exhibit A2.10	0.00	1.00	5.00	0.00	5.00	1.00	10.00	
Sanitary Sewer Background		Line Size Diameter: 4-in to 6-in	Lineal Feet	Geospatial analysis - intersection of Sanitary Sewer inventory with Assessment Sub-Area, resultant line length / total line length	Appendix A2, Exhibit A2.10	0.00	1.00	1.00	0.00	1.00			
Sanitary Sewer Background		Line Size Diameter: Unknown	Lineal Feet	Geospatial analysis - intersection of Sanitary Sewer inventory with Assessment Sub-Area, resultant line length / total line length	Appendix A2, Exhibit A2.10	0.00	1.00	1.00	0.00	1.00			
Sanitary Sewer Background		Material VCP	Lineal Feet	Geospatial analysis - intersection of Sanitary Sewer inventory with Assessment Sub-Area, resultant line length / total line length	Appendix A2, Exhibit A2.10	0.00	1.00	10.00	0.00	10.00			
Sanitary Sewer Background		Material PVC	Lineal Feet	Geospatial analysis - intersection of Sanitary Sewer inventory with Assessment Sub-Area, resultant line length / total line length	Appendix A2, Exhibit A2.10	0.00	1.00	5.00	0.00	5.00	5.00	10.00	
Sanitary Sewer Background		Material Unknown	Lineal Feet	Geospatial analysis - intersection of Sanitary Sewer inventory with Assessment Sub-Area, resultant line length / total line length	Appendix A2, Exhibit A2.10	0.00	1.00	5.00	0.00	5.00			
Sanitary Sewer Background		Structures within NRCS "High Concrete Corrosion Potential" Map Unit	Each	Geospatial analysis - intersection of Sanitary Sewer inventory with NRCS Soil Data re: concrete corrosion, resultant structure count / total structure count	Appendix A2, Exhibit A2.11	0.00	1.00	10.00	0.00	10.00			
Sanitary Sewer Background		Structures within NRCS "Medium Concrete Corrosion Potential" Map Unit	Each	Geospatial analysis - intersection of Sanitary Sewer inventory with NRCS Soil Data re: concrete corrosion, resultant structure count / total structure count	Appendix A2, Exhibit A2.11	0.00	1.00	5.00	0.00	5.00	2.00	10.00	
Sanitary Sewer Background		Structures within NRCS "Low Concrete Corrosion Potential" Map Unit	Each	Geospatial analysis - intersection of Sanitary Sewer inventory with NRCS Soil Data re: concrete corrosion, resultant structure count / total structure count	Appendix A2, Exhibit A2.11	0.00	1.00	2.00	0.00	2.00			
Sanitary Sewer Background		Age More than 20-years	Lineal Feet	Geospatial analysis - intersection of Sanitary Sewer Inventory with plats filed of record, age set by plat filing date, resultant line length / total line length	Appendix A2, Exhibit A2.6	0.00	1.00	10.00	0.00	10.00			
Sanitary Sewer Background		Age More than 15 to 20-years	Lineal Feet	Geospatial analysis - intersection of Sanitary Sewer Inventory with plats filed of record, age set by plat filing date, resultant line length / total line length	Appendix A2, Exhibit A2.6	0.00	1.00	5.00	0.00	5.00			
Sanitary Sewer Background		Age More than 10 to 15-years	Lineal Feet	Geospatial analysis - intersection of Sanitary Sewer Inventory with plats filed of record, age set by plat filing date, resultant line length / total line length	Appendix A2, Exhibit A2.6	0.00	1.00	4.00	0.00	4.00	1.00	10.00	
Sanitary Sewer Background		Age less than 10-years	Lineal Feet	Geospatial analysis - intersection of Sanitary Sewer Inventory with plats filed of record, age set by plat filing date, resultant line length / total line length	Appendix A2, Exhibit A2.6	0.00	1.00	2.00	0.00	2.00			
Sanitary Sewer Background		Age Unknown	Lineal Feet	Geospatial analysis - intersection of Sanitary Sewer Inventory with plats filed of record, age set by plat filing date, resultant line length / total line length	Appendix A2, Exhibit A2.6	0.00	1.00	1.00	0.00	1.00			
Sanitary Sewer Background											9.00	40.00	
Sanitary Sewer Damage		Sanitary Sewer line length within EF4 to EF5 Damage Area prior to disaster	Lineal Feet	Geospatial analysis - intersection of Sanitary Sewer Inventory with FEMA damage boundaries, resultant line length / total line length	Appendix A2, Exhibit A2.7	0.00	1.00	10.00	0.00	10.00			
Sanitary Sewer Damage		Sanitary Sewer line length within EF2 to EF4 Damage Area prior to disaster	Lineal Feet	Geospatial analysis - intersection of Sanitary Sewer Inventory with FEMA damage boundaries, resultant line length / total line length	Appendix A2, Exhibit A2.7	0.00	1.00	5.00	0.00	5.00	1.00	10.00	
Sanitary Sewer Damage		Sanitary Sewer line length within EF0 to EF2 Damage Area prior to disaster	Lineal Feet	Geospatial analysis - intersection of Sanitary Sewer Inventory with FEMA damage boundaries, resultant line length / total line length	Appendix A2, Exhibit A2.7	0.00	1.00	2.00	0.00	2.00			
Sanitary Sewer Damage		Sanitary Sewer line length outside Damage Area prior to disaster	Lineal Feet	Geospatial analysis - intersection of Sanitary Sewer Inventory with FEMA damage boundaries, resultant line length / total line length	Appendix A2, Exhibit A2.7	0.00	1.00	1.00	0.00	1.00			
Sanitary Sewer Damage											1.00	10.00	
Sanitary Sewer Proximity		Sanitary Sewer line length within 0.25-mi of Critical Water User	Lineal Feet	Geospatial analysis - intersection of Sanitary Sewer Inventory with 0.25-mi Critical Water User Buffer, resultant line length / total line length	Appendix A2, Exhibit A2.8	0.00	1.00	10.00	0.00	10.00			
Sanitary Sewer Proximity		Sanitary Sewer line length within 0.25-mi of Emergency Response Facility	Lineal Feet	Geospatial analysis - intersection of Sanitary Sewer Inventory with 0.25-mi Critical Water User Buffer, resultant line length / total line length	Appendix A2, Exhibit A2.8	0.00	1.00	5.00	0.00	5.00			
Sanitary Sewer Proximity											0.00	15.00	
Sanitary Sewer LMI		Q19: Census Block Group	NA	Qualitative Score Factor - IF Census Block Group = 40027.2016.04.2 THEN Score Factor = 1.00 ELSE Score Factor = 0.00	NA	0.00	1.00	10.00	0.00	10.00			
Sanitary Sewer LMI		Q20: Improvements to Infrastructure would benefit LMI Census Block Group	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00			
Sanitary Sewer LMI											0.00	15.00	
Sanitary Sewer Health and Safety		Q21: Opportunity to harden infrastructure against future disasters	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	1.00	0.00	1.00			
Sanitary Sewer Health and Safety											0.00	1.00	
Sanitary Sewer Long Term Recovery		Q22: Opportunity to improve community aesthetic	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00			
Sanitary Sewer Long Term Recovery		Q23: Current condition may be deterring reinvestment	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00			
Sanitary Sewer Long Term Recovery		Q24: Historic capacity / load / design issue with infrastructure	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	10.00	0.00	10.00			
Sanitary Sewer Long Term Recovery		Q25: Projected capacity issue with infrastructure	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00			
Sanitary Sewer Long Term Recovery		Q26: Projected maintenance issue with infrastructure	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00			
Sanitary Sewer Long Term Recovery											0.00	30.00	
Sanitary Sewer Sustainability		Q27: Opportunity for introduction of sustainable design concepts	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00			
Sanitary Sewer Sustainability											0.00	5.00	
Sanitary Sewer Opportunity		Potential sanitary sewer projects identified by City of Moore Staff or Assessment Team	Each	Opportunity Score Factor = Count of potential sanitary sewer projects within given Assessment Sub-Area	NA	0.00	No Maximum	5.00	0.00	No Maximum			
Sanitary Sewer Opportunity											0.00	No Maximum	
Sanitary Sewer Condition		SS1 - Damaged manhole	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.25	0.00	No Maximum			
Sanitary Sewer Condition		SS2 - Brick Manhole	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.25	0.00	No Maximum			
Sanitary Sewer Condition		SS3 - Manhole not found	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.25	0.00	No Maximum			
Sanitary Sewer Condition		SS4 - Maintenance event (2004 - 2014)	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.25	0.00	No Maximum			
Sanitary Sewer Condition		SS5 - Future service connection anticipated	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.25	0.00	No Maximum			
Sanitary Sewer											Infrastructure Rating Index (IRI)	10.00	No Maximum

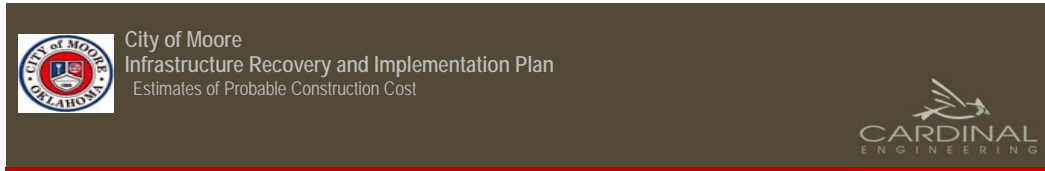
Infrastructure Category	Score Factor Category	Score Factor Description	Units	Calculation	Calculation Reference	Minimum Value	Maximum Value	Weighting Coefficient	Minimum Weighted Value	Maximum Weighted Value	Minimum Cumulative Value	Maximum Cumulative Value
Drainage	Background	Line Size Diameter: 36-in equivalent or greater	Lineal Feet	Geospatial analysis - intersection of Drainage Inventory with Assessment Sub-Area, resultant line length / total line length	Appendix A2, Exhibit A2.12	0.00	1.00	5.00	0.00	5.00		
Drainage	Background	Line Size Diameter: 18-in to 30-in equivalent	Lineal Feet	Geospatial analysis - intersection of Drainage Inventory with Assessment Sub-Area, resultant line length / total line length	Appendix A2, Exhibit A2.12	0.00	1.00	1.00	0.00	1.00	1.00	10.00
Drainage	Background	Line Size Diameter: Less than 18-in equivalent	Lineal Feet	Geospatial analysis - intersection of Drainage Inventory with Assessment Sub-Area, resultant line length / total line length	Appendix A2, Exhibit A2.12	0.00	1.00	1.00	0.00	1.00		
Drainage	Background	Line Size Diameter: Unknown or Not Applicable	Lineal Feet	Geospatial analysis - intersection of Drainage Inventory with Assessment Sub-Area, resultant line length / total line length	Appendix A2, Exhibit A2.12	0.00	1.00	1.00	0.00	1.00		
Drainage	Background	Material Length of Corrugated Metal	Lineal Feet	Geospatial analysis - intersection of Drainage Inventory with Assessment Sub-Area, resultant line length / total line length	Appendix A2, Exhibit A2.12	0.00	1.00	10.00	0.00	10.00		
Drainage	Background	Material Length of Concrete	Lineal Feet	Geospatial analysis - intersection of Drainage Inventory with Assessment Sub-Area, resultant line length / total line length	Appendix A2, Exhibit A2.12	0.00	1.00	5.00	0.00	5.00	5.00	10.00
Drainage	Background	Material Length of Unknown	Lineal Feet	Geospatial analysis - intersection of Drainage Inventory with Assessment Sub-Area, resultant line length / total line length	Appendix A2, Exhibit A2.12	0.00	1.00	2.00	0.00	2.00		
Drainage	Background	Corrosion Structures within NRCS "High Concrete Corrosion Potential" Map Unit	Each	Geospatial analysis - intersection of Drainage Inventory with NRCS Soil Data re: concrete corrosion, resultant structure count / total structure count	Appendix A2, Exhibit A2.11	0.00	1.00	10.00	0.00	10.00		
Drainage	Background	Corrosion Structures within NRCS "Medium Concrete Corrosion Potential" Map Unit	Each	Geospatial analysis - intersection of Drainage Inventory with NRCS Soil Data re: concrete corrosion, resultant structure count / total structure count	Appendix A2, Exhibit A2.11	0.00	1.00	5.00	0.00	5.00	2.00	10.00
Drainage	Background	Corrosion Structures within NRCS "Low Concrete Corrosion Potential" Map Unit	Each	Geospatial analysis - intersection of Drainage Inventory with NRCS Soil Data re: concrete corrosion, resultant structure count / total structure count	Appendix A2, Exhibit A2.11	0.00	1.00	0.00	0.00	0.00		
Drainage	Background	Corrosion Drainage infrastructure within NRCS "High Steel Corrosion Potential" Map Unit	Lineal Feet	Geospatial analysis - intersection of Drainage Inventory with NRCS Soil Data re: steel corrosion, resultant line length / total line length	Appendix A2, Exhibit A2.13	0.00	1.00	10.00	0.00	10.00		
Drainage	Background	Corrosion Drainage infrastructure within NRCS "Medium Steel Corrosion Potential" Map Unit	Lineal Feet	Geospatial analysis - intersection of Drainage Inventory with NRCS Soil Data re: steel corrosion, resultant line length / total line length	Appendix A2, Exhibit A2.13	0.00	1.00	5.00	0.00	5.00	0.00	10.00
Drainage	Background	Corrosion Drainage infrastructure within NRCS "Low Steel Corrosion Potential" Map Unit	Lineal Feet	Geospatial analysis - intersection of Drainage Inventory with NRCS Soil Data re: steel corrosion, resultant line length / total line length	Appendix A2, Exhibit A2.13	0.00	1.00	0.00	0.00	0.00		
Drainage	Background	Corrosion Drainage infrastructure within NRCS "High Concrete Corrosion Potential" Map Unit	Lineal Feet	Geospatial analysis - intersection of Drainage Inventory with NRCS Soil Data re: concrete corrosion, resultant line length / total line length	Appendix A2, Exhibit A2.11	0.00	1.00	10.00	0.00	10.00		
Drainage	Background	Corrosion Drainage infrastructure within NRCS "Medium Concrete Corrosion Potential" Map Unit	Lineal Feet	Geospatial analysis - intersection of Drainage Inventory with NRCS Soil Data re: concrete corrosion, resultant line length / total line length	Appendix A2, Exhibit A2.11	0.00	1.00	5.00	0.00	5.00	1.00	10.00
Drainage	Background	Corrosion Drainage infrastructure within NRCS "Low Concrete Corrosion Potential" Map Unit	Lineal Feet	Geospatial analysis - intersection of Drainage Inventory with NRCS Soil Data re: concrete corrosion, resultant line length / total line length	Appendix A2, Exhibit A2.11	0.00	1.00	0.00	0.00	0.00		
Drainage	Background	Age More than 20-years	Lineal Feet	Geospatial analysis - intersection of Drainage Inventory with plats filed of record, age set by plat filing date, resultant line length / total line length	Appendix A2, Exhibit A2.6	0.00	1.00	10.00	0.00	10.00		
Drainage	Background	Age 15 to 20-years	Lineal Feet	Geospatial analysis - intersection of Drainage Inventory with plats filed of record, age set by plat filing date, resultant line length / total line length	Appendix A2, Exhibit A2.6	0.00	1.00	5.00	0.00	5.00		
Drainage	Background	Age 10 to 15-years	Lineal Feet	Geospatial analysis - intersection of Drainage Inventory with plats filed of record, age set by plat filing date, resultant line length / total line length	Appendix A2, Exhibit A2.6	0.00	1.00	4.00	0.00	4.00	1.00	10.00
Drainage	Background	Age less than 10-years	Lineal Feet	Geospatial analysis - intersection of Drainage Inventory with plats filed of record, age set by plat filing date, resultant line length / total line length	Appendix A2, Exhibit A2.6	0.00	1.00	2.00	0.00	2.00		
Drainage	Background	Age Unknown	Lineal Feet	Geospatial analysis - intersection of Drainage Inventory with plats filed of record, age set by plat filing date, resultant line length / total line length	Appendix A2, Exhibit A2.6	0.00	1.00	1.00	0.00	1.00		
Drainage	Background										10.00	60.00
Drainage	Damage	Drainage Inventory within EF4 to EF5 Damage Area prior to disaster	Lineal Feet	Geospatial analysis - intersection of Drainage Inventory with FEMA damage boundaries, resultant line length / total line length	Appendix A2, Exhibit A2.7	0.00	1.00	10.00	0.00	10.00		
Drainage	Damage	Drainage Inventory within EF2 to EF4 Damage Area prior to disaster	Lineal Feet	Geospatial analysis - intersection of Drainage Inventory with FEMA damage boundaries, resultant line length / total line length	Appendix A2, Exhibit A2.7	0.00	1.00	5.00	0.00	5.00		
Drainage	Damage	Drainage Inventory within EF0 to EF2 Damage Area prior to disaster	Lineal Feet	Geospatial analysis - intersection of Drainage Inventory with FEMA damage boundaries, resultant line length / total line length	Appendix A2, Exhibit A2.7	0.00	1.00	2.00	0.00	2.00		
Drainage	Damage	Drainage Inventory outside Damage Area prior to disaster	Lineal Feet	Geospatial analysis - intersection of Drainage Inventory with FEMA damage boundaries, resultant line length / total line length	Appendix A2, Exhibit A2.7	0.00	1.00	1.00	0.00	1.00		
Drainage	Damage										1.00	10.00
Drainage	Proximity	Drainage Inventory within 0.25-mi of Critical Water User	Lineal Feet	Geospatial analysis - intersection of Drainage Inventory with 0.25-mi Critical Water User Buffer, resultant line length / total line length	Appendix A2, Exhibit A2.8	0.00	1.00	10.00	0.00	10.00		
Drainage	Proximity	Drainage Inventory within 0.25-mi of Emergency Response Facility	Lineal Feet	Geospatial analysis - intersection of Drainage Inventory with 0.25-mi Critical Water User Buffer, resultant line length / total line length	Appendix A2, Exhibit A2.8	0.00	1.00	5.00	0.00	5.00		
Drainage	Proximity										0.00	15.00
Drainage	LMI	Q10: Census Block Group	NA	Qualitative Score Factor - IF Census Block Group = 40027.2016.04.2 THEN Score Factor = 1.00 ELSE Score Factor = 0.00	NA	0.00	1.00	10.00	0.00	10.00		
Drainage	LMI	Q11: Improvements to Infrastructure would benefit LMI Census Block Group	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00		
Drainage	LMI										0.00	15.00
Drainage	Health and Safety	Q12: Opportunity to harden infrastructure against future disasters	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	1.00	0.00	1.00		
Drainage	Health and Safety										0.00	1.00
Drainage	Long Term Recovery	Q13: Opportunity to improve community aesthetic	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00		
Drainage	Long Term Recovery	Q14: Current condition may be deterring reinvestment	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00		
Drainage	Long Term Recovery	Q15: Historic capacity / load / design issue with infrastructure	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	10.00	0.00	10.00		
Drainage	Long Term Recovery	Q16: Projected capacity issue with infrastructure	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00		
Drainage	Long Term Recovery	Q17: Projected maintenance issue with infrastructure	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00		
Drainage	Long Term Recovery										0.00	30.00
Drainage	Sustainability	Q18: Opportunity for introduction of sustainable design concepts	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00		
Drainage	Sustainability										0.00	5.00
Drainage	Opportunity	Potential drainage projects identified by City of Moore Staff or Assessment Team	Each	Opportunity Score Factor = Count of potential drainage projects within given Assessment Sub-Area	NA	0.00	No Maximum	5.00	0.00	No Maximum		
Drainage	Opportunity										0.00	No Maximum
Drainage	Condition	D1 - grate or hood damage	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.50	0.00	No Maximum		
Drainage	Condition	D2 - improper inlet elevation	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.50	0.00	No Maximum		

Infrastructure Category	Score Factor Category	Score Factor Description	Units	Calculation	Calculation Reference	Minimum Value	Maximum Value	Weighting Coefficient	Minimum Weighted Value	Maximum Weighted Value	Minimum Cumulative Value	Maximum Cumulative Value
Drainage	Condition	D3 - improper inlet placement	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.50	0.00	No Maximum		
Drainage	Condition	D4 - insufficient armoring	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.50	0.00	No Maximum		
Drainage	Condition	D5 - indications of insufficient capacity	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.50	0.00	No Maximum		
Drainage	Condition	D6 - brick structure	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.50	0.00	No Maximum		
Drainage	Condition	D7 - damaged structure	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.50	0.00	No Maximum		
Drainage	Condition	D8 - apparent previous maintenance	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.50	0.00	No Maximum		
Drainage	Condition	D9 - channel maintenance required	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.50	0.00	No Maximum		
Drainage	Condition	D10 - channel damage as a result of erosion	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.50	0.00	No Maximum		
Drainage	Condition	D11 - exposed reinforcing steel	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.50	0.00	No Maximum		
Drainage										Infrastructure Rating Index (IRI)	11.00	No Maximum

Infrastructure Category	Score Factor Category	Score Factor Description	Units	Calculation	Calculation Reference	Minimum Value	Maximum Value	Weighting Coefficient	Minimum Weighted Value	Maximum Weighted Value	Minimum Cumulative Value	Maximum Cumulative Value	
Water Distribution	Background	Line Size Diameter: 12-in or greater	Lineal Feet	Geospatial analysis - intersection of Water Distribution Inventory with Assessment Sub-Area, resultant line length / total line length	Appendix A2, Exhibit A2.14	0.00	1.00	10.00	0.00	10.00			
Water Distribution	Background	Line Size Diameter: 8-in to 12-in	Lineal Feet	Geospatial analysis - intersection of Water Distribution Inventory with Assessment Sub-Area, resultant line length / total line length	Appendix A2, Exhibit A2.14	0.00	1.00	5.00	0.00	5.00	1.00	10.00	
Water Distribution	Background	Line Size Diameter: 4-in to 6-in	Lineal Feet	Geospatial analysis - intersection of Water Distribution Inventory with Assessment Sub-Area, resultant line length / total line length	Appendix A2, Exhibit A2.14	0.00	1.00	1.00	0.00	1.00			
Water Distribution	Background	Line Size Diameter: Unknown	Lineal Feet	Geospatial analysis - intersection of Water Distribution Inventory with Assessment Sub-Area, resultant line length / total line length	Appendix A2, Exhibit A2.14	0.00	1.00	1.00	0.00	1.00			
Water Distribution	Background	Material Length of Cast Iron	Lineal Feet	Geospatial analysis - intersection of Water Distribution Inventory with Assessment Sub-Area, resultant line length / total line length	Appendix A2, Exhibit A2.14	0.00	1.00	10.00	0.00	10.00			
Water Distribution	Background	Material Length of PVC	Lineal Feet	Geospatial analysis - intersection of Water Distribution Inventory with Assessment Sub-Area, resultant line length / total line length	Appendix A2, Exhibit A2.14	0.00	1.00	5.00	0.00	5.00	5.00	10.00	
Water Distribution	Background	Material Length of Unknown	Lineal Feet	Geospatial analysis - intersection of Water Distribution Inventory with Assessment Sub-Area, resultant line length / total line length	Appendix A2, Exhibit A2.14	0.00	1.00	5.00	0.00	5.00			
Water Distribution	Background	Corrosion Water Distribution infrastructure within NRCS "High Steel Corrosion Potential" Map Unit	Lineal Feet	Geospatial analysis - intersection of Water Distribution Inventory with NRCS Soil Data re: steel corrosion, resultant line length / total line length	Appendix A2, Exhibit A2.13	0.00	1.00	10.00	0.00	10.00			
Water Distribution	Background	Corrosion Water Distribution infrastructure within NRCS "Medium Steel Corrosion Potential" Map Unit	Lineal Feet	Geospatial analysis - intersection of Water Distribution Inventory with NRCS Soil Data re: steel corrosion, resultant line length / total line length	Appendix A2, Exhibit A2.13	0.00	1.00	5.00	0.00	5.00	0.00	10.00	
Water Distribution	Background	Corrosion Water Distribution infrastructure within NRCS "Low Steel Corrosion Potential" Map Unit	Lineal Feet	Geospatial analysis - intersection of Water Distribution Inventory with NRCS Soil Data re: steel corrosion, resultant line length / total line length	Appendix A2, Exhibit A2.13	0.00	1.00	0.00	0.00	0.00			
Water Distribution	Background	Age More than 20-years	Lineal Feet	Geospatial analysis - intersection of Water Distribution Inventory with plats filed of record, age set by plat filing date, resultant line length / total line length	Appendix A2, Exhibit A2.6	0.00	1.00	10.00	0.00	10.00			
Water Distribution	Background	Age 15 to 20-years	Lineal Feet	Geospatial analysis - intersection of Water Distribution Inventory with plats filed of record, age set by plat filing date, resultant line length / total line length	Appendix A2, Exhibit A2.6	0.00	1.00	5.00	0.00	5.00			
Water Distribution	Background	Age 10 to 15-years	Lineal Feet	Geospatial analysis - intersection of Water Distribution Inventory with plats filed of record, age set by plat filing date, resultant line length / total line length	Appendix A2, Exhibit A2.6	0.00	1.00	4.00	0.00	4.00	1.00	10.00	
Water Distribution	Background	Age less than 10-years	Lineal Feet	Geospatial analysis - intersection of Water Distribution Inventory with plats filed of record, age set by plat filing date, resultant line length / total line length	Appendix A2, Exhibit A2.6	0.00	1.00	2.00	0.00	2.00			
Water Distribution	Background	Age Unknown	Lineal Feet	Geospatial analysis - intersection of Water Distribution Inventory with plats filed of record, age set by plat filing date, resultant line length / total line length	Appendix A2, Exhibit A2.6	0.00	1.00	1.00	0.00	1.00			
Water Distribution	Background										7.00	40.00	
Water Distribution	Damage	Water Distribution Inventory within EF4 to EF5 Damage Area prior to disaster	Lineal Feet	Geospatial analysis - intersection of Water Distribution Inventory with FEMA damage boundaries, resultant line length / total line length	Appendix A2, Exhibit A2.7	0.00	1.00	10.00	0.00	10.00			
Water Distribution	Damage	Water Distribution Inventory within EF2 to EF4 Damage Area prior to disaster	Lineal Feet	Geospatial analysis - intersection of Water Distribution Inventory with FEMA damage boundaries, resultant line length / total line length	Appendix A2, Exhibit A2.7	0.00	1.00	5.00	0.00	5.00			
Water Distribution	Damage	Water Distribution Inventory within EF0 to EF2 Damage Area prior to disaster	Lineal Feet	Geospatial analysis - intersection of Water Distribution Inventory with FEMA damage boundaries, resultant line length / total line length	Appendix A2, Exhibit A2.7	0.00	1.00	2.00	0.00	2.00			
Water Distribution	Damage	Water Distribution Inventory outside Damage Area prior to disaster	Lineal Feet	Geospatial analysis - intersection of Water Distribution Inventory with FEMA damage boundaries, resultant line length / total line length	Appendix A2, Exhibit A2.7	0.00	1.00	1.00	0.00	1.00			
Water Distribution	Damage										1.00	10.00	
Water Distribution	Proximity	Water Distribution Inventory within 0.25-mi of Critical Water User	Lineal Feet	Geospatial analysis - intersection of Water Distribution Inventory with 0.25-mi Critical Water User Buffer, resultant line length / total line length	Appendix A2, Exhibit A2.8	0.00	1.00	10.00	0.00	10.00			
Water Distribution	Proximity	Water Distribution Inventory within 0.25-mi of Emergency Response Facility	Lineal Feet	Geospatial analysis - intersection of Water Distribution Inventory with 0.25-mi Critical Water User Buffer, resultant line length / total line length	Appendix A2, Exhibit A2.8	0.00	1.00	5.00	0.00	5.00			
Water Distribution	Proximity										0.00	15.00	
Water Distribution	LMI	Q28: Census Block Group	NA	Qualitative Score Factor - IF Census Block Group = 40027.2016.04.2 THEN Score Factor = 1.00 ELSE Score Factor = 0.00	NA	0.00	1.00	10.00	0.00	10.00			
Water Distribution	LMI	Q29: Improvements to Infrastructure would benefit LMI Census Block Group	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00			
Water Distribution	LMI										0.00	15.00	
Water Distribution	Health and Safety	Q30: Opportunity to harden infrastructure against future disasters	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	1.00	0.00	1.00			
Water Distribution	Health and Safety										0.00	1.00	
Water Distribution	Long Term Recovery	Q31: Opportunity to improve community aesthetic	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00			
Water Distribution	Long Term Recovery	Q32: Current condition may be deterring reinvestment	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00			
Water Distribution	Long Term Recovery	Q33: Historic capacity / load / design issue with infrastructure	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	10.00	0.00	10.00			
Water Distribution	Long Term Recovery	Q34: Projected capacity issue with infrastructure	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00			
Water Distribution	Long Term Recovery	Q35: Projected maintenance issue with infrastructure	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00			
Water Distribution	Long Term Recovery										0.00	30.00	
Water Distribution	Sustainability	Q36: Opportunity for introduction of sustainable design concepts	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00			
Water Distribution	Sustainability										0.00	5.00	
Water Distribution	Opportunity	Potential Water Distribution projects identified by City of Moore Staff or Assessment Team	Each	Opportunity Score Factor = Count of potential Water Distribution projects within given Assessment Sub-Area	NA	0.00	No Maximum	5.00	0.00	No Maximum			
Water Distribution	Opportunity										0.00	No Maximum	
Water Distribution	Condition	W1 - Damaged valve	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.50	0.00	No Maximum			
Water Distribution	Condition	W2 - Damaged hydrant	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.50	0.00	No Maximum			
Water Distribution	Condition	W3 - Abandoned meter	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.50	0.00	No Maximum			
Water Distribution	Condition	W4 - Maintenance event (2004 - 2014)	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.50	0.00	No Maximum			
Water Distribution	Condition	W5 - Future service connection anticipated	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.50	0.00	No Maximum			
Water Distribution											Infrastructure Rating Index (IRI)	8.00	No Maximum

Infrastructure Category	Score Factor Category	Score Factor Description	Units	Calculation	Calculation Reference	Minimum Value	Maximum Value	Weighting Coefficient	Minimum Weighted Value	Maximum Weighted Value	Minimum Cumulative Value	Maximum Cumulative Value	
Bikeways/Trails: Background		Total Inventory Length of Bikeways/Trails completed	Lineal Feet	Geospatial analysis - intersection of existing trails plus bikeways along local roads with Assessment Sub-Area, resultant trail and bikeway length / PATH 2022 Master Plan Length	Appendix A2, Exhibit A2.15	0.00	1.00	1.00	0.00	1.00			
Bikeways/Trails: Background		Total Inventory Length of Bikeways/Trails remaining to be constructed	Lineal Feet	Geospatial analysis - intersection of PATH 2022 trails PLUS bikeways along collector and arterial roads with Assessment Sub-Area, resultant trail and bikeway length / PATH 2022 Master Plan Length	Appendix A2, Exhibit A2.15	0.00	1.00	5.00	0.00	5.00	1.00	5.00	
Bikeways/Trails: Background		Q46A: Available Right-of-Way fraction of bikeway/trail to be const. where sufficient right-of-way exists	unitless	Qualitative Score Factor - based on field assessment and review	NA	0.00	1.00	5.00	0.00	5.00	1.00	5.00	
Bikeways/Trails: Background		Q46B: Available Right-of-Way fraction of bikeway/trail to be const. where insufficient right-of-way exists	unitless	Qualitative Score Factor - based on field assessment and review	NA	0.00	1.00	1.00	0.00	1.00			
Bikeways/Trails: Background											2.00	10.00	
Bikeways/Trails: Damage		Bikeways/Trails Inventory within EF4 to EF5 Damage Area prior to disaster	Lineal Feet	Geospatial analysis - intersection of historical Bikeways/Trails Inventory with FEMA damage boundaries, resultant trail length / total historical trail length	Appendix A2, Exhibit A2.7	0.00	1.00	10.00	0.00	10.00			
Bikeways/Trails: Damage		Bikeways/Trails Inventory within EF2 to EF4 Damage Area prior to disaster	Lineal Feet	Geospatial analysis - intersection of historical Bikeways/Trails Inventory with FEMA damage boundaries, resultant trail length / total historical trail length	Appendix A2, Exhibit A2.7	0.00	1.00	5.00	0.00	5.00			
Bikeways/Trails: Damage		Bikeways/Trails Inventory within EF0 to EF2 Damage Area prior to disaster	Lineal Feet	Geospatial analysis - intersection of historical Bikeways/Trails Inventory with FEMA damage boundaries, resultant trail length / total historical trail length	Appendix A2, Exhibit A2.7	0.00	1.00	2.00	0.00	2.00			
Bikeways/Trails: Damage		Bikeways/Trails Inventory outside Damage Area prior to disaster	Lineal Feet	Geospatial analysis - intersection of historical Bikeways/Trails Inventory with FEMA damage boundaries, resultant trail length / total historical trail length	Appendix A2, Exhibit A2.7	0.00	1.00	1.00	0.00	1.00			
Bikeways/Trails: Damage											1.00	10.00	
Bikeways/Trails: Proximity		Length of existing or future sidewalks within 0.25-mi of Elementary School	Lineal Feet	Geospatial analysis - intersection of existing or future bikeways/trails with 0.25-mi Elementary School Buffer, resultant bikeway and trail length / total bikeway and trail length at completion of PATH 2022	Appendix A2, Exhibit A2.8	0.00	1.00	5.00	0.00	5.00			
Bikeways/Trails: Proximity		Length of existing or future sidewalks within 0.25-mi of Junior High School	Lineal Feet	Geospatial analysis - intersection of existing or future bikeways and trails with 0.25-mi Junior High School Buffer, resultant bikeway and trail length / total bikeway and trail length at completion of PATH 2022	Appendix A2, Exhibit A2.8	0.00	1.00	4.00	0.00	4.00			
Bikeways/Trails: Proximity		Length of existing or future sidewalks within 0.25-mi of Park	Lineal Feet	Geospatial analysis - intersection of existing or future bikeways and trails with 0.25-mi Community Center Buffer, resultant bikeway and trail length / total bikeway and trail length at completion of PATH 2022	Appendix A2, Exhibit A2.8	0.00	1.00	3.00	0.00	3.00			
Bikeways/Trails: Proximity		Length of existing or future sidewalks within 0.25-mi of Community Center	Lineal Feet	Geospatial analysis - intersection of existing or future bikeways and trails with 0.25-mi Community Center Buffer, resultant bikeway and trail length / total bikeway and trail length at completion of PATH 2022	Appendix A2, Exhibit A2.8	0.00	1.00	1.00	0.00	1.00			
Bikeways/Trails: Proximity		Length of existing or future sidewalks within 0.25-mi of Library	Lineal Feet	Geospatial analysis - intersection of existing or future bikeways and trails with 0.25-mi Library Buffer, resultant bikeway and trail length / total bikeway and trail length at completion of PATH 2022	Appendix A2, Exhibit A2.8	0.00	1.00	1.00	0.00	1.00			
Bikeways/Trails: Proximity											0.00	14.00	
Bikeways/Trails: LMI		Q46C: Census Block Group	NA	Qualitative Score Factor - IF Census Block Group = 40027.2016.04.2 THEN Score Factor = 1.00 ELSE Score Factor = 0.00	NA	0.00	1.00	10.00	0.00	10.00			
Bikeways/Trails: LMI		Q47: Improvements to Infrastructure would benefit LMI Census Block Group	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00			
Bikeways/Trails: LMI											0.00	15.00	
Bikeways/Trails: Health and Safety		Q48: Opportunity to harden infrastructure against future disasters	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	1.00	0.00	1.00			
Bikeways/Trails: Health and Safety											0.00	1.00	
Bikeways/Trails: Long Term Recovery		Q49: Opportunity to improve community aesthetic	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00			
Bikeways/Trails: Long Term Recovery		Q50: Current condition may be deterring reinvestment	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00			
Bikeways/Trails: Long Term Recovery		Q51: Historic capacity / load / design issue with infrastructure	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	10.00	0.00	10.00			
Bikeways/Trails: Long Term Recovery		Q52: Projected capacity issue with infrastructure	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00			
Bikeways/Trails: Long Term Recovery		Q53: Projected maintenance issue with infrastructure	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00			
Bikeways/Trails: Long Term Recovery											0.00	30.00	
Bikeways/Trails: Sustainability		Q54: Opportunity for introduction of sustainable design concepts	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00			
Bikeways/Trails: Sustainability											0.00	5.00	
Bikeways/Trails: Opportunity		Potential Bikeways/Trails projects identified by City of Moore Staff or Assessment Team	Each	Opportunity Score Factor = Count of potential Bikeways/Trails projects within given Assessment Sub-Area	NA	0.00	No Maximum	5.00	0.00	No Maximum			
Bikeways/Trails: Opportunity											0.00	No Maximum	
Bikeways/Trails: Condition		BW1 - surface spall	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.25	0.00	No Maximum			
Bikeways/Trails: Condition		BW2 - joint deflection	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.25	0.00	No Maximum			
Bikeways/Trails: Condition		BW3 - panel settlement	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.25	0.00	No Maximum			
Bikeways/Trails: Condition		BW4 - panel cracking	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.25	0.00	No Maximum			
Bikeways/Trails: Condition		BW5 - obstructions present	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.25	0.00	No Maximum			
Bikeways/Trails: Condition		BW6 - curb ramps not present	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.25	0.00	No Maximum			
Bikeways/Trails: Condition		BW7 - sidewalk missing or not continuous	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.25	0.00	No Maximum			
Bikeways/Trails: Condition		BW8 - longitudinal slope > 5%	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.25	0.00	No Maximum			
Bikeways/Trails: Condition		BW9 - cross slope > 2%	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.25	0.00	No Maximum			
Bikeways/Trails: Condition		BW10 - not ADA compliant at intersection	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.25	0.00	No Maximum			
Bikeways/Trails: Condition		BW11 - evidence of ponding	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.25	0.00	No Maximum			
Bikeways/Trails: Condition		BW12 - anticipated future damage	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.25	0.00	No Maximum			
Bikeways/Trails: Condition		BW13 - evidence of recent repair work	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.25	0.00	No Maximum			
Bikeways/Trails: Condition		BW14 - insufficient vehicular separation	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (from field inspection)	NA	0.00	No Maximum	0.25	0.00	No Maximum			
Bikeways/Trails											Infrastructure Rating Index (IRI)	3.00	No Maximum

Infrastructure Category	Score Factor Category	Score Factor Description	Units	Calculation	Calculation Reference	Minimum Value	Maximum Value	Weighting Coefficient	Minimum Weighted Value	Maximum Weighted Value	Minimum Cumulative Value	Maximum Cumulative Value	
Gateway/Street Background		Road Classification Length of Arterial Roadway	Lineal Feet	Length of Arterial Roadway / 100	Appendix A2, Exhibit A2.4	0.00	No Maximum	0.10	0.00	No Maximum			
Gateway/Street Background		Road Classification Length of Collector Roadway	Lineal Feet	Length of Collector Roadway / 100	Appendix A2, Exhibit A2.4	0.00	No Maximum	0.20	0.00	No Maximum			
Gateway/Street Background		Road Classification Length of Local Roadway	Lineal Feet	Length of Local Roadway / 100	Appendix A2, Exhibit A2.4	0.00	No Maximum	0.30	0.00	No Maximum			
Gateway/Street Background		Visibility/Traffic Patterns Total arterial road frontage	Lineal Feet	Geospatial analysis - intersection of arterial roadways with 60-ft Assessment Sub-Area Buffer, resultant length / 100	Appendix A2, Exhibit A2.4	0.00	No Maximum	0.10	0.00	No Maximum			
Gateway/Street Background		Visibility/Traffic Patterns Length of arterial road frontage per Sub-Area Entrance	Unitless	Length of arterial road frontage / points of entrance from arterial street (Q55a1)	NA	0.00	No Maximum	0.01	0.00	No Maximum			
Gateway/Street Background		Identity Q55b: Sub-Area is associated with distinct portion of community or district	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00			
Gateway/Street Background		Identity Q55c: Sub-Area perimeter adjacent to neighboring municipality	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00			
Gateway/Street Background		Aesthetic Q55d: Sub-Area/Arterial Road interface lacks a consistent design or appearance	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00			
Gateway/Street Background		Identity Q55e: Roads interior to Sub-Area lack a consistent design or appearance	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00			
Gateway/Street Background											0.00	No Maximum	
Gateway/Street LMI		Q55F: Census Block Group	NA	Qualitative Score Factor - IF Census Block Group = 40027.2016.04.2 THEN Score Factor = 1.00 ELSE Score Factor = 0.00	NA	0.00	1.00	10.00	0.00	10.00			
Gateway/Street LMI		Q56: Improvements to Infrastructure would benefit LMI Census Block Group	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00			
Gateway/Street LMI											0.00	15.00	
Gateway/Street Long Term Recovery		Q57: Opportunity to improve community aesthetic	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00			
Gateway/Street Long Term Recovery		Q58: Current condition may be deterring reinvestment	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00			
Gateway/Street Long Term Recovery											0.00	10.00	
Gateway/Street Sustainability		Q59: Opportunity for introduction of sustainable design concepts	Yes/No	Qualitative Score Factor - based on review, IF YES then Score Factor = 1.00, IF NO THEN Score Factor = 0.00	NA	0.00	1.00	5.00	0.00	5.00			
Gateway/Street Sustainability											0.00	5.00	
Gateway/Street Opportunity		Potential Gateway/Streetscape projects identified by City of Moore Staff or Assessment Team	Each	Opportunity Score Factor = Count of potential Gateway/Streetscape projects within given Assessment Sub-Area	NA	0.00	No Maximum	5.00	0.00	No Maximum			
Gateway/Street Opportunity											0.00	No Maximum	
Gateway/Street Condition		G1 - Intersection: Option A	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (based on design approach developed by Assessment Team)	Appendix A1, Exhibit A1.1 Appendix B1, Table B1.3 Appendix A2, Exhibit A2.16	0.00	No Maximum	0.25	0.00	No Maximum			
Gateway/Street Condition		G2 - Intersection: Option B	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (based on design approach developed by Assessment Team)	Appendix A1, Exhibit A1.2 Appendix B1, Table B1.3 Appendix A2, Exhibit A2.16	0.00	No Maximum	0.25	0.00	No Maximum			
Gateway/Street Condition		G3 - Intersection: Option C	Each	Geo-spatial analysis - Condition Score Factor = count of noted condition within Assessment Sub-Area (based on design approach developed by Assessment Team)	Appendix A1, Exhibit A1.3 Appendix B1, Table B1.3 Appendix A2, Exhibit A2.16	0.00	No Maximum	0.25	0.00	No Maximum			
Gateway/Street Condition		G8 - Streetscape: Option A	Lineal Feet	Geo-spatial analysis - Condition Score Factor = length of noted condition within Assessment Sub-Area (based on design approach developed by Assessment Team)	Appendix A1, Exhibit A1.4 Appendix B1, Table B1.3 Appendix A2, Exhibit A2.16	0.00	No Maximum	0.25	0.00	No Maximum			
Gateway/Street Condition		G9 - Streetscape: Option B	Lineal Feet	Geo-spatial analysis - Condition Score Factor = length of noted condition within Assessment Sub-Area (based on design approach developed by Assessment Team)	Appendix A1, Exhibit A1.5 Appendix B1, Table B1.3 Appendix A2, Exhibit A2.16	0.00	No Maximum	0.25	0.00	No Maximum			
Gateway/Street Condition		G10 - Streetscape: Option C	Lineal Feet	Geo-spatial analysis - Condition Score Factor = length of noted condition within Assessment Sub-Area (based on design approach developed by Assessment Team)	Appendix A1, Exhibit A1.6 Appendix B1, Table B1.3 Appendix A2, Exhibit A2.16	0.00	No Maximum	0.25	0.00	No Maximum			
Gateway/Streetscape											Infrastructure Rating Index (IRI)	0.00	No Maximum



Project ID	1	4	7	7
SubProject ID	50844	17311	16872	50853
Infrastructure Category	Street	Street	Street	Street
Description	Sub-Area BW2: Reconstruction of all public roadways in sub-area	Reconstruction of all public roadways within Sub-Area PT2	Sub-Area PT3: reconstruction of all public roads	PT3: reconfiguration of dead end roadway at Ginger Avenue
Assessment ID	BW2	PT2	PT3	PT3
Arterial, 50-ft width (ft, Asphalt Concrete)	0	0	0	0
Collector, 32-ft width (ft, Asphalt Concrete)	0	3893	0	0
Local, 26-ft width (ft, Asphalt Concrete)	0	7851	1710	5994
Drive Count (ea)	444	227	210	0

Site Preparation and Grading			
Item No.	Description	Unit Price	Units
809-00-04	MOBILIZATION (ROADWAY PROJECT)	\$ 2.00	LF
801-03-01	COLOR AUDIO/VIDEO RECORDING: PRE AND POST CONSTRUCTION	\$ 1.00	LF
801-00-03	CONSTRUCTION STAKING AND AS-BUILT (STREET)	\$ 2.50	LF
802-00-03	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (STREET)	\$ 2.50	LF
810-00-03	CLEARING AND GRUBBING (STREET)	\$ 3.50	LF
820-01	SAWCUT PAVEMENT	\$ 4.00	LF
309-00	COLD MILLING PAVEMENT	\$ 3.50	S.Y.
812-03	CONCRETE PAVEMENT REMOVAL	\$ 8.00	S.Y.
812-02	REMOVE CURB AND GUTTER	\$ 8.00	LF
816-01-01	REMOVE CONC. SIDEWALK	\$ 12.00	S.Y.
813-00	REMOVE DRIVEWAY	\$ 10.00	S.Y.
200-00	UNCLASSIFIED EXCAVATION	\$ 12.00	CY
222-03	CEMENT KILN DUST	\$ 60.00	TON
222-05	CEMENTITIOUS STABILIZED SUBGRADE	\$ 3.50	S.Y.
100-01-03	MISCELLANEOUS IMPROVEMENTS (STREET)	\$ 100,000.00	LS

Site Preparation and Grading				\$ 811,357.71		\$ 610,868.81		\$ 534,154.14		\$ 100,000.00	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	
based on length of proposed roadway unless otherwise indicated	11,744.00	\$ 23,488.00	8,903.00	\$ 17,806.00	7,704.00	\$ 15,408.00	-	\$ -	-	\$ -	
based on length of proposed roadway unless otherwise indicated	11,744.00	\$ 11,744.00	8,903.00	\$ 8,903.00	7,704.00	\$ 7,704.00	-	\$ -	-	\$ -	
based on length of proposed roadway unless otherwise indicated	12,188.00	\$ 30,470.00	9,130.00	\$ 22,825.00	7,914.00	\$ 19,785.00	-	\$ -	-	\$ -	
based on length of proposed roadway unless otherwise indicated	11,744.00	\$ 29,360.00	8,903.00	\$ 22,257.50	7,704.00	\$ 19,260.00	-	\$ -	-	\$ -	
assume quantity equal to full length of roadway construction	11,744.00	\$ 41,104.00	8,903.00	\$ 31,160.50	7,704.00	\$ 26,964.00	-	\$ -	-	\$ -	
assume 2-in milling, 8-in thickness arterial streets, 6-in thickness for collector and local	11,744.00	\$ 46,976.00	8,903.00	\$ 35,612.00	7,704.00	\$ 30,816.00	-	\$ -	-	\$ -	
length of concrete arterial (x 46-ft), length of concrete collector (x 28-ft), length of concrete local (x 22-ft)	31,302.89	\$ 250,423.11	21,940.22	\$ 175,521.78	14,652.00	\$ 117,216.00	-	\$ -	-	\$ -	
2 x total roadway length, less 25-ft per existing driveway	12,388.00	\$ 99,104.00	12,131.00	\$ 97,048.00	10,158.00	\$ 81,264.00	-	\$ -	-	\$ -	
carried in sidewalk project unless otherwise indicated	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
excluded from scope of work, carried in sidewalk project	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
assume subgrade grade lowered 3-in, stabilized subgrade	4,879.08	\$ 58,548.97	3,549.60	\$ 42,595.18	3,058.77	\$ 36,705.28	-	\$ -	-	\$ -	
assume 12% amendment rate, by weight, unit weight of soil: 120-lb/cu.ft.	1,310.16	\$ 78,609.74	935.22	\$ 56,113.13	804.30	\$ 48,257.86	-	\$ -	-	\$ -	
quantity based on length of each road classification and City of Moore Standard No. 201 and 202	40,437.11	\$ 141,529.89	28,864.78	\$ 101,026.72	24,824.00	\$ 86,884.00	-	\$ -	-	\$ -	
cost of improvements at intersections, arterial roadway projects	-	\$ -	-	\$ -	-	\$ -	1.00	\$ 100,000.00	-	\$ -	

Paving			
Item No.	Description	Unit Price	Units
305-00	CURB AND GUTTER (2'-8") (6" BARRIER)	\$ 25.00	LF
305-02	INTEGRAL CURB (6 INCHES)	\$ 14.00	LF
305-01	CURB AND GUTTER (2'-8") (8" BARRIER)	\$ 35.00	LF
305-04	INTEGRAL CURB (BARRIER) (8 INCHES)	\$ 15.00	LF
304-04	PORTLAND CEMENT CONCRETE PAVEMENT (6")	\$ 45.00	S.Y.
304-06	PORTLAND CEMENT CONCRETE PAVEMENT (8")	\$ 50.00	S.Y.
301-05-01	ASPHALT CONCRETE (TYPE S-3)	\$ 50.00	TON
301-06-01	ASPHALT CONCRETE (TYPE S-5)	\$ 55.00	TON
301-34	FREIGHT FOR ASPHALT DELIVERY (WITHIN CITY OF MOORE)	\$ 8.00	TON
301-35	INSTALLATION OF ASPHALT PAVEMENT (LABOR AND EQUIPMENT ONLY)	\$ 15.00	TON
313-00	TACK COAT	\$ 4.00	GAL
100-01-03	MISCELLANEOUS IMPROVEMENTS (STREET)	\$ 100,000.00	LS

Paving				\$ 1,816,942.00		\$ 1,335,204.00		\$ 1,051,920.54		\$ -	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	
2 x length of asphalt local and collector, less 25-ft x weighted drive count (based on fraction of total length)	-	\$ -	-	\$ -	2,254.70	\$ 56,367.41	-	\$ -	-	\$ -	
2 x length of concrete local and collector, less 25-ft x weighted drive count (based on fraction of total length)	12,388.00	\$ 173,432.00	12,131.00	\$ 169,834.00	7,903.30	\$ 110,646.25	-	\$ -	-	\$ -	
2 x arterial asphalt length, less 25-ft x weighted drive count (based on fraction of total length)	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
2 x arterial concrete length, less 25-ft x weighted drive count (based on fraction of total length)	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
length of concrete collector (x 32-ft) plus local (x 26-ft)	36,522.44	\$ 1,643,510.00	25,897.11	\$ 1,165,370.00	17,316.00	\$ 779,220.00	-	\$ -	-	\$ -	
length of concrete arterial (x 50-ft)	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
substitute for Type A, assumed density of 112-lb/sq.yd./in	-	\$ -	-	\$ -	898.85	\$ 44,942.36	-	\$ -	-	\$ -	
substitute for Type B, assumed density of 112-lb/sq.yd./in	-	\$ -	-	\$ -	449.42	\$ 24,718.30	-	\$ -	-	\$ -	
14-ton load assumed	-	\$ -	-	\$ -	1,348.27	\$ 10,786.17	-	\$ -	-	\$ -	
application rate of 0.15-gallon per sq.yd. assumed	-	\$ -	-	\$ -	1,348.27	\$ 20,224.06	-	\$ -	-	\$ -	
cost of improvements at intersections, arterial roadway projects	-	\$ -	-	\$ -	1,254.00	\$ 5,016.00	-	\$ -	-	\$ -	

Erosion Control			
Item No.	Description	Unit Price	Units
900-07-03	EROSION CONTROL (STREET)	\$ 0.75	LF

Erosion Control				\$ 8,808.00		\$ 6,677.25		\$ 5,778.00		\$ -	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	
	11,744.00	\$ 8,808.00	8,903.00	\$ 6,677.25	7,704.00	\$ 5,778.00	-	\$ -	-	\$ -	

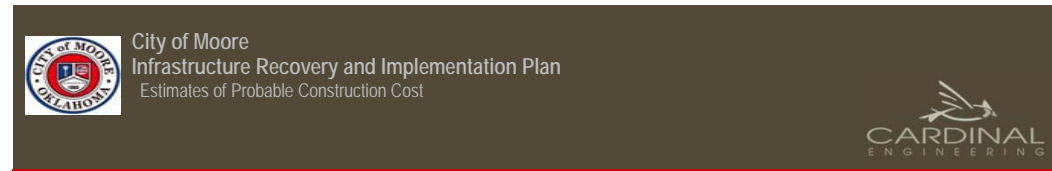
Site Restoration and Project Close-Out			
Item No.	Description	Unit Price	Units
810-00-04	SITE RESTORATION (STREET)	\$ 2.50	LF
823-00-01	SIDEWALK (4" THICK)	\$ 50.00	S.Y.
830-02	ADA CURB RAMP	\$ 1,200.00	EA
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.

Erosion Control				\$ -		\$ -		\$ -		\$ -	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	
	11,744.00	\$ 29,360.00	8,903.00	\$ 22,257.50	7,704.00	\$ 19,260.00	-	\$ -	-	\$ -	
excluded from scope of work, carried in sidewalk project unless otherwise noted	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
excluded from scope of work, carried in sidewalk project unless otherwise noted	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
excluded from scope of work, carried in sidewalk project unless otherwise noted	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	

Design and Testing			
Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS

Design and Testing				\$ 197,783.08		\$ 146,456.25		\$ 119,388.95		\$ 7,500.00	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	
based on percentage of construction cost	1.85	\$ 184,597.54	1.37	\$ 136,692.50	1.11	\$ 111,429.69	0.07	\$ 7,000.00	-	\$ -	
based on percentage of construction cost	0.13	\$ 13,185.54	0.10	\$ 9,763.75	0.08	\$ 7,959.26	0.01	\$ 500.00	-	\$ -	

Subtotal											
Contingency	10%										
Total Estimate											



Project ID	7	7	7	9
SubProject ID	3607	2402	4001	23213
Infrastructure Category	Street	Street	Street	Street
Description	street widening at perimeter of Plaza Towers Elem, pick-up lane, traffic calming	SW 11th Street Connection @ Plaza Towers Elementary	traffic calming at Eagle Dr/SW 10th	Sub-Area PT4: reconstruction of all public roadways
Assessment ID	PT3	PT3	PT3	PT4
Arterial, 50-ft width (ft, Asphalt Concrete)	0	0	0	0
Collector, 32-ft width (ft, Asphalt Concrete)	0	1400	0	0
Local, 26-ft width (ft, Asphalt Concrete)	0	0	0	5290
Drive Count (ea)	0	0	0	130

Site Preparation and Grading

Item No.	Description	Unit Price	Units
809-00-04	MOBILIZATION (ROADWAY PROJECT)	\$ 2.00	LF
801-03-01	COLOR AUDIO/VIDEO RECORDING: PRE AND POST CONSTRUCTION	\$ 1.00	LF
801-00-03	CONSTRUCTION STAKING AND AS-BUILT (STREET)	\$ 2.50	LF
802-00-03	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (STREET)	\$ 2.50	LF
810-00-03	CLEARING AND GRUBBING (STREET)	\$ 3.50	LF
820-01	SAWCUT PAVEMENT	\$ 4.00	LF
309-00	COLD MILLING PAVEMENT	\$ 3.50	S.Y.
812-03	CONCRETE PAVEMENT REMOVAL	\$ 8.00	S.Y.
812-02	REMOVE CURB AND GUTTER	\$ 8.00	LF
816-01-01	REMOVE CONC. SIDEWALK	\$ 12.00	S.Y.
813-00	REMOVE DRIVEWAY	\$ 10.00	S.Y.
200-00	UNCLASSIFIED EXCAVATION	\$ 12.00	CY
222-03	CEMENT KILN DUST	\$ 60.00	TON
222-05	CEMENTITIOUS STABILIZED SUBGRADE	\$ 3.50	S.Y.
100-01-03	MISCELLANEOUS IMPROVEMENTS (STREET)	\$ 100,000.00	LS

Site Preparation and Grading

Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
based on length of proposed roadway unless otherwise indicated	-	\$ -	5,000.00	\$ 10,000.00	-	\$ -	5,290.00	\$ 10,580.00
based on length of proposed roadway unless otherwise indicated	-	\$ -	1,000.00	\$ 1,000.00	-	\$ -	5,290.00	\$ 5,290.00
based on length of proposed roadway unless otherwise indicated	-	\$ -	1,000.00	\$ 2,500.00	-	\$ -	5,420.00	\$ 13,550.00
based on length of proposed roadway unless otherwise indicated	-	\$ -	1,000.00	\$ 2,500.00	-	\$ -	5,290.00	\$ 13,225.00
assume quantity equal to full length of roadway construction	1,400.00	\$ 4,900.00	6,000.00	\$ 21,000.00	-	\$ -	5,290.00	\$ 18,515.00
assume 2-in milling, 8-in thickness arterial streets, 6-in thickness for collector and local	-	\$ -	-	\$ -	-	\$ -	5,290.00	\$ 21,160.00
length of concrete arterial (x 46-ft), length of concrete collector (x 28-ft), length of concrete local (x 22-ft)	-	\$ -	140.00	\$ 1,120.00	-	\$ -	12,931.11	\$ 103,448.89
2 x total roadway length, less 25-ft per existing driveway	-	\$ -	215.00	\$ 1,720.00	-	\$ -	7,330.00	\$ 58,640.00
carried in sidewalk project unless otherwise indicated	-	\$ -	30.00	\$ 360.00	-	\$ -	-	\$ -
excluded from scope of work, carried in sidewalk project	-	\$ -	-	\$ -	-	\$ -	-	\$ -
assume subgrade grade lowered 3-in, stabilized subgrade	1,500.00	\$ 18,000.00	134.99	\$ 1,619.91	-	\$ -	2,100.33	\$ 25,203.91
assume 12% amendment rate, by weight, unit weight of soil: 120-lb/cu.ft.	635.04	\$ 38,102.40	45.36	\$ 2,721.60	-	\$ -	552.28	\$ 33,136.56
quantity based on length of each road classification and City of Moore Standard No. 201 and 202	19,600.00	\$ 68,600.00	1,400.00	\$ 4,900.00	-	\$ -	17,045.56	\$ 59,659.44
cost of improvements at intersections, arterial roadway projects	-	\$ -	0.50	\$ 50,000.00	0.75	\$ 75,000.00	-	\$ -

Paving

Item No.	Description	Unit Price	Units
305-00	CURB AND GUTTER (2'-8") (6" BARRIER)	\$ 25.00	LF
305-02	INTEGRAL CURB (6 INCHES)	\$ 14.00	LF
305-01	CURB AND GUTTER (2'-8") (8" BARRIER)	\$ 35.00	LF
305-04	INTEGRAL CURB (BARRIER) (8 INCHES)	\$ 15.00	LF
304-04	PORTLAND CEMENT CONCRETE PAVEMENT (6")	\$ 45.00	S.Y.
304-06	PORTLAND CEMENT CONCRETE PAVEMENT (8")	\$ 50.00	S.Y.
301-05-01	ASPHALT CONCRETE (TYPE S-3)	\$ 50.00	TON
301-06-01	ASPHALT CONCRETE (TYPE S-5)	\$ 55.00	TON
301-34	FREIGHT FOR ASPHALT DELIVERY (WITHIN CITY OF MOORE)	\$ 8.00	TON
301-35	INSTALLATION OF ASPHALT PAVEMENT (LABOR AND EQUIPMENT ONLY)	\$ 15.00	TON
313-00	TACK COAT	\$ 4.00	GAL
100-01-03	MISCELLANEOUS IMPROVEMENTS (STREET)	\$ 100,000.00	LS

Paving

Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
2 x length of asphalt local and collector, less 25-ft x weighted drive count (based on fraction of total length)	500.00	\$ 12,500.00	750.00	\$ 18,750.00	-	\$ -	-	\$ -
2 x length of concrete local and collector, less 25-ft x weighted drive count (based on fraction of total length)	500.00	\$ 7,000.00	-	\$ -	-	\$ -	7,330.00	\$ 102,620.00
2 x arterial asphalt length, less 25-ft x weighted drive count (based on fraction of total length)	-	\$ -	-	\$ -	-	\$ -	-	\$ -
2 x arterial concrete length, less 25-ft x weighted drive count (based on fraction of total length)	-	\$ -	-	\$ -	-	\$ -	-	\$ -
length of concrete collector (x 32-ft) plus local (x 26-ft)	1,866.67	\$ 84,000.00	1,100.00	\$ 49,500.00	-	\$ -	15,282.22	\$ 687,700.00
length of concrete arterial (x 50-ft)	-	\$ -	-	\$ -	-	\$ -	-	\$ -
substitute for Type A, assumed density of 112-lb/sq.yd./in	-	\$ -	-	\$ -	-	\$ -	-	\$ -
substitute for Type B, assumed density of 112-lb/sq.yd./in	-	\$ -	-	\$ -	-	\$ -	-	\$ -
14-ton load assumed	-	\$ -	-	\$ -	-	\$ -	-	\$ -
application rate of 0.15-gallon per sq.yd. assumed	-	\$ -	-	\$ -	-	\$ -	-	\$ -
cost of improvements at intersections, arterial roadway projects	-	\$ -	-	\$ -	-	\$ -	-	\$ -

Erosion Control

Item No.	Description	Unit Price	Units
900-07-03	EROSION CONTROL (STREET)	\$ 0.75	LF

Erosion Control

Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
	-	\$ -	340.00	\$ 255.00	-	\$ -	5,290.00	\$ 3,967.50

Site Restoration and Project Close-Out

Item No.	Description	Unit Price	Units
810-00-04	SITE RESTORATION (STREET)	\$ 2.50	LF
823-00-01	SIDEWALK (4" THICK)	\$ 50.00	S.Y.
830-02	ADA CURB RAMP	\$ 1,200.00	EA
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.

Erosion Control

Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
excluded from scope of work, carried in sidewalk project unless otherwise noted	1,400.00	\$ 3,500.00	340.00	\$ 850.00	-	\$ -	5,290.00	\$ 13,225.00
excluded from scope of work, carried in sidewalk project unless otherwise noted	-	\$ -	-	\$ -	-	\$ -	-	\$ -
excluded from scope of work, carried in sidewalk project unless otherwise noted	-	\$ -	-	\$ -	-	\$ -	-	\$ -

Design and Testing

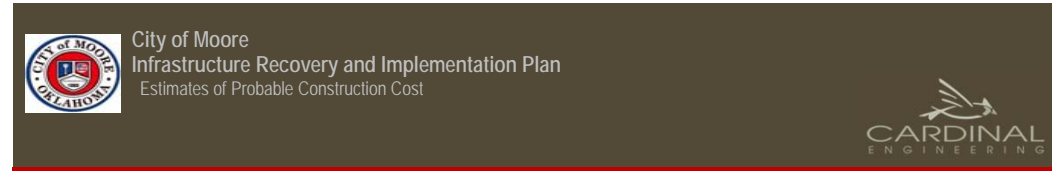
Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS

Design and Testing

Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
based on percentage of construction cost	0.16	\$ 16,317.17	0.12	\$ 11,756.26	0.05	\$ 5,250.00	0.81	\$ 80,968.74
based on percentage of construction cost	0.01	\$ 1,165.51	0.01	\$ 839.73	0.00	\$ 375.00	0.06	\$ 5,783.48

Subtotal
Contingency 10%
Total Estimate

\$ 250,585.08	\$ 180,542.50	\$ 80,625.00	\$ 1,243,448.53
\$ 25,058.51	\$ 18,054.25	\$ 8,062.50	\$ 124,344.85
\$ 275,643.59	\$ 198,596.75	\$ 88,687.50	\$ 1,367,793.38



Project ID	11	11	13	15
SubProject ID	17314	4401	50887	51212
Infrastructure Category	Street	Street	Street	Street
Description	Sub-Area PT5: reconstruction of all public roadways	Intersection improvements at Wilson and SW4th, pedestrian safety	Sub-Area EJ2: Reconstruction of all public roadways in sub-area	Sub-Area HW1: Reconstruction of all public roadways in sub-area
Assessment ID	PT5	PT5	EJ2	HW1
Arterial, 50-ft width (ft, Asphalt Concrete)	0	0	0	0
Collector, 32-ft width (ft, Asphalt Concrete)	0	5660	0	6620
Local, 26-ft width (ft, Asphalt Concrete)	1028	6543	1427	12343
Drive Count (ea)	321	0	503	189

Site Preparation and Grading			
Item No.	Description	Unit Price	Units
809-00-04	MOBILIZATION (ROADWAY PROJECT)	\$ 2.00	LF
801-03-01	COLOR AUDIO/VIDEO RECORDING: PRE AND POST CONSTRUCTION	\$ 1.00	LF
801-00-03	CONSTRUCTION STAKING AND AS-BUILT (STREET)	\$ 2.50	LF
802-00-03	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (STREET)	\$ 2.50	LF
810-00-03	CLEARING AND GRUBBING (STREET)	\$ 3.50	LF
820-01	SAWCUT PAVEMENT	\$ 4.00	LF
309-00	COLD MILLING PAVEMENT	\$ 3.50	S.Y.
812-03	CONCRETE PAVEMENT REMOVAL	\$ 8.00	S.Y.
812-02	REMOVE CURB AND GUTTER	\$ 8.00	LF
816-01-01	REMOVE CONC. SIDEWALK	\$ 12.00	S.Y.
813-00	REMOVE DRIVEWAY	\$ 10.00	S.Y.
200-00	UNCLASSIFIED EXCAVATION	\$ 12.00	CY
222-03	CEMENT KILN DUST	\$ 60.00	TON
222-05	CEMENTITIOUS STABILIZED SUBGRADE	\$ 3.50	S.Y.
100-01-03	MISCELLANEOUS IMPROVEMENTS (STREET)	\$ 100,000.00	LS

Site Preparation and Grading			
Notes	Qty	Sub-Total	
based on length of proposed roadway unless otherwise indicated	13,231.00	\$ 26,462.00	
based on length of proposed roadway unless otherwise indicated	13,231.00	\$ 13,231.00	
based on length of proposed roadway unless otherwise indicated	13,552.00	\$ 33,880.00	
based on length of proposed roadway unless otherwise indicated	13,231.00	\$ 33,077.50	
based on length of proposed roadway unless otherwise indicated	13,231.00	\$ 46,308.50	
assume quantity equal to full length of roadway construction	13,231.00	\$ 52,924.00	
assume 2-in milling, 8-in thickness arterial streets, 6-in thickness for collector and local	7,538.67	\$ 26,385.33	
length of concrete arterial (x 46-ft), length of concrete collector (x 28-ft), length of concrete local (x 22-ft)	33,602.89	\$ 268,823.11	
2 x total roadway length, less 25-ft per existing driveway	18,437.00	\$ 147,496.00	
carried in sidewalk project unless otherwise indicated	-	\$ -	
excluded from scope of work, carried in sidewalk project	-	\$ -	
assume subgrade grade lowered 3-in, stabilized subgrade	5,567.64	\$ 66,811.70	
assume 12% amendment rate, by weight, unit weight of soil: 120-lb/cu.ft.	1,503.57	\$ 90,214.34	
quantity based on length of each road classification and City of Moore Standard No. 201 and 202	46,406.56	\$ 162,422.94	
cost of improvements at intersections, arterial roadway projects	-	\$ -	

Paving			
Item No.	Description	Unit Price	Units
305-00	CURB AND GUTTER (2'-8") (6" BARRIER)	\$ 25.00	LF
305-02	INTEGRAL CURB (6 INCHES)	\$ 14.00	LF
305-01	CURB AND GUTTER (2'-8") (8" BARRIER)	\$ 35.00	LF
305-04	INTEGRAL CURB (BARRIER) (8 INCHES)	\$ 15.00	LF
304-04	PORTLAND CEMENT CONCRETE PAVEMENT (6")	\$ 45.00	S.Y.
304-06	PORTLAND CEMENT CONCRETE PAVEMENT (8")	\$ 50.00	S.Y.
301-05-01	ASPHALT CONCRETE (TYPE S-3)	\$ 50.00	TON
301-06-01	ASPHALT CONCRETE (TYPE S-5)	\$ 55.00	TON
301-34	FREIGHT FOR ASPHALT DELIVERY (WITHIN CITY OF MOORE)	\$ 8.00	TON
301-35	INSTALLATION OF ASPHALT PAVEMENT (LABOR AND EQUIPMENT ONLY)	\$ 15.00	TON
313-00	TACK COAT	\$ 4.00	GAL
100-01-03	MISCELLANEOUS IMPROVEMENTS (STREET)	\$ 100,000.00	LS

Paving			
Notes	Qty	Sub-Total	
2 x length of asphalt local and collector, less 25-ft x weighted drive count (based on fraction of total length)	1,432.49	\$ 35,812.18	
2 x length of concrete local and collector, less 25-ft x weighted drive count (based on fraction of total length)	17,004.51	\$ 238,063.18	
2 x arterial asphalt length, less 25-ft x weighted drive count (based on fraction of total length)	-	\$ -	
2 x arterial concrete length, less 25-ft x weighted drive count (based on fraction of total length)	-	\$ -	
length of concrete collector (x 32-ft) plus local (x 26-ft)	39,026.44	\$ 1,756,190.00	
length of concrete arterial (x 50-ft)	-	\$ -	
substitute for Type A, assumed density of 112-lb/sq.yd./in	540.36	\$ 27,017.98	
substitute for Type B, assumed density of 112-lb/sq.yd./in	270.18	\$ 14,859.89	
14-ton load assumed	810.54	\$ 6,484.31	
	810.54	\$ 12,158.09	
application rate of 0.15-gallon per sq.yd. assumed	753.87	\$ 3,015.47	
cost of improvements at intersections, arterial roadway projects	-	\$ -	

Erosion Control			
Item No.	Description	Unit Price	Units
900-07-03	EROSION CONTROL (STREET)	\$ 0.75	LF

Erosion Control			
Notes	Qty	Sub-Total	
	13,231.00	\$ 9,923.25	

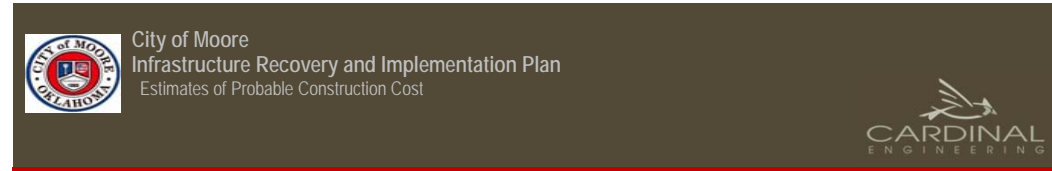
Site Restoration and Project Close-Out			
Item No.	Description	Unit Price	Units
810-00-04	SITE RESTORATION (STREET)	\$ 2.50	LF
823-00-01	SIDEWALK (4" THICK)	\$ 50.00	S.Y.
830-02	ADA CURB RAMP	\$ 1,200.00	EA
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.

Erosion Control			
Notes	Qty	Sub-Total	
excluded from scope of work, carried in sidewalk project unless otherwise noted	-	\$ -	
excluded from scope of work, carried in sidewalk project unless otherwise noted	-	\$ -	
excluded from scope of work, carried in sidewalk project unless otherwise noted	-	\$ -	

Design and Testing			
Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS

Design and Testing			
Notes	Qty	Sub-Total	
based on percentage of construction cost	2.15	\$ 215,009.25	
based on percentage of construction cost	0.15	\$ 15,357.80	

Subtotal		\$ 3,301,927.83	\$ 352,010.40	\$ 5,001,795.14	\$ 1,545,056.77
Contingency 10%		\$ 330,192.78	\$ 35,201.04	\$ 500,179.51	\$ 154,505.68
Total Estimate		\$ 3,632,120.62	\$ 387,211.44	\$ 5,501,974.65	\$ 1,699,562.45



Project ID	17	19	19	19
SubProject ID	51226	50892	7603	6802
Infrastructure Category	Street	Street	Street	Street
Description	Sub-Area KM2: Reconstruction of all public roadways in sub-area	Sub-Area KM3: Reconstruction of all public roadways in sub-area	Traffic circle/calming per public comment at public mtg 10/13/14.	Traffic calming, Circle, speed humps per public comment at 10/13/14 meeting
Assessment ID	KM2	KM3	LR1	LR1
Arterial, 50-ft width (ft, Asphalt Concrete)	0	0	0	0
Collector, 32-ft width (ft, Asphalt Concrete)	0	3946	1986	0
Local, 26-ft width (ft, Asphalt Concrete)	0	3880	5384	1682
Drive Count (ea)	127	239	0	0

Site Preparation and Grading

Item No.	Description	Unit Price	Units
809-00-04	MOBILIZATION (ROADWAY PROJECT)	\$ 2.00	LF
801-03-01	COLOR AUDIO/VIDEO RECORDING: PRE AND POST CONSTRUCTION	\$ 1.00	LF
801-00-03	CONSTRUCTION STAKING AND AS-BUILT (STREET)	\$ 2.50	LF
802-00-03	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (STREET)	\$ 2.50	LF
810-00-03	CLEARING AND GRUBBING (STREET)	\$ 3.50	LF
820-01	SAWCUT PAVEMENT	\$ 4.00	LF
309-00	COLD MILLING PAVEMENT	\$ 3.50	S.Y.
812-03	CONCRETE PAVEMENT REMOVAL	\$ 8.00	S.Y.
812-02	REMOVE CURB AND GUTTER	\$ 8.00	LF
816-01-01	REMOVE CONC. SIDEWALK	\$ 12.00	S.Y.
813-00	REMOVE DRIVEWAY	\$ 10.00	S.Y.
200-00	UNCLASSIFIED EXCAVATION	\$ 12.00	CY
222-03	CEMENT KILN DUST	\$ 60.00	TON
222-05	CEMENTITIOUS STABILIZED SUBGRADE	\$ 3.50	S.Y.
100-01-03	MISCELLANEOUS IMPROVEMENTS (STREET)	\$ 100,000.00	LS

Site Preparation and Grading

Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
based on length of proposed roadway unless otherwise indicated	7,826.00	\$ 15,652.00	9,052.00	\$ 18,104.00	-	\$ -	-	\$ -
based on length of proposed roadway unless otherwise indicated	7,826.00	\$ 7,826.00	9,052.00	\$ 9,052.00	-	\$ -	-	\$ -
based on length of proposed roadway unless otherwise indicated	7,953.00	\$ 19,882.50	9,291.00	\$ 23,227.50	-	\$ -	-	\$ -
based on length of proposed roadway unless otherwise indicated	7,826.00	\$ 19,565.00	9,052.00	\$ 22,630.00	-	\$ -	-	\$ -
assume quantity equal to full length of roadway construction	7,826.00	\$ 27,391.00	9,052.00	\$ 31,682.00	-	\$ -	-	\$ -
assume 2-in milling, 8-in thickness arterial streets, 6-in thickness for collector and local	-	\$ -	58,018.67	\$ 203,065.33	-	\$ -	-	\$ -
length of concrete arterial (x 46-ft), length of concrete collector (x 28-ft), length of concrete local (x 22-ft)	21,760.89	\$ 174,087.11	4,111.56	\$ 32,892.44	-	\$ -	-	\$ -
2 x total roadway length, less 25-ft per existing driveway	12,477.00	\$ 99,816.00	12,129.00	\$ 97,032.00	-	\$ -	-	\$ -
carried in sidewalk project unless otherwise indicated	-	\$ -	-	\$ -	-	\$ -	-	\$ -
excluded from scope of work, carried in sidewalk project	-	\$ -	-	\$ -	-	\$ -	-	\$ -
assume subgrade grade lowered 3-in, stabilized subgrade	3,326.43	\$ 39,917.21	3,704.31	\$ 44,451.75	-	\$ -	-	\$ -
assume 12% amendment rate, by weight, unit weight of soil: 120-lb/cu.ft.	902.27	\$ 54,136.08	987.93	\$ 59,275.58	-	\$ -	-	\$ -
quantity based on length of each road classification and City of Moore Standard No. 201 and 202	27,847.78	\$ 97,467.22	30,491.56	\$ 106,720.44	-	\$ -	-	\$ -
cost of improvements at intersections, arterial roadway projects	-	\$ -	-	\$ -	1.00	\$ 100,000.00	1.00	\$ 100,000.00

Paving

Item No.	Description	Unit Price	Units
305-00	CURB AND GUTTER (2'-8") (6" BARRIER)	\$ 25.00	LF
305-02	INTEGRAL CURB (6 INCHES)	\$ 14.00	LF
305-01	CURB AND GUTTER (2'-8") (8" BARRIER)	\$ 35.00	LF
305-04	INTEGRAL CURB (BARRIER) (8 INCHES)	\$ 15.00	LF
304-04	PORTLAND CEMENT CONCRETE PAVEMENT (6")	\$ 45.00	S.Y.
304-06	PORTLAND CEMENT CONCRETE PAVEMENT (8")	\$ 50.00	S.Y.
301-05-01	ASPHALT CONCRETE (TYPE S-3)	\$ 50.00	TON
301-06-01	ASPHALT CONCRETE (TYPE S-5)	\$ 55.00	TON
301-34	FREIGHT FOR ASPHALT DELIVERY (WITHIN CITY OF MOORE)	\$ 8.00	TON
301-35	INSTALLATION OF ASPHALT PAVEMENT (LABOR AND EQUIPMENT ONLY)	\$ 15.00	TON
313-00	TACK COAT	\$ 4.00	GAL
100-01-03	MISCELLANEOUS IMPROVEMENTS (STREET)	\$ 100,000.00	LS

Paving

Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
2 x length of asphalt local and collector, less 25-ft x weighted drive count (based on fraction of total length)	-	\$ -	9,875.25	\$ 246,881.16	-	\$ -	-	\$ -
2 x length of concrete local and collector, less 25-ft x weighted drive count (based on fraction of total length)	12,477.00	\$ 174,678.00	2,253.75	\$ 31,552.55	-	\$ -	-	\$ -
2 x arterial asphalt length, less 25-ft x weighted drive count (based on fraction of total length)	-	\$ -	-	\$ -	-	\$ -	-	\$ -
2 x arterial concrete length, less 25-ft x weighted drive count (based on fraction of total length)	-	\$ -	-	\$ -	-	\$ -	-	\$ -
length of concrete collector (x 32-ft) plus local (x 26-ft)	25,239.11	\$ 1,135,760.00	4,859.11	\$ 218,660.00	-	\$ -	-	\$ -
length of concrete arterial (x 50-ft)	-	\$ -	-	\$ -	-	\$ -	-	\$ -
substitute for Type A, assumed density of 112-lb/sq.yd./in	-	\$ -	4,158.69	\$ 207,934.26	-	\$ -	-	\$ -
substitute for Type B, assumed density of 112-lb/sq.yd./in	-	\$ -	2,079.34	\$ 114,363.84	-	\$ -	-	\$ -
14-ton load assumed	-	\$ -	6,238.03	\$ 49,904.22	-	\$ -	-	\$ -
application rate of 0.15-gallon per sq.yd. assumed	-	\$ -	6,238.03	\$ 93,570.42	-	\$ -	-	\$ -
cost of improvements at intersections, arterial roadway projects	-	\$ -	5,801.87	\$ 23,207.47	-	\$ -	-	\$ -

Erosion Control

Item No.	Description	Unit Price	Units
900-07-03	EROSION CONTROL (STREET)	\$ 0.75	LF

Erosion Control

Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
	7,826.00	\$ 5,869.50	9,052.00	\$ 6,789.00	-	\$ -	-	\$ -

Site Restoration and Project Close-Out

Item No.	Description	Unit Price	Units
810-00-04	SITE RESTORATION (STREET)	\$ 2.50	LF
823-00-01	SIDEWALK (4" THICK)	\$ 50.00	S.Y.
830-02	ADA CURB RAMP	\$ 1,200.00	EA
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.

Erosion Control

Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
excluded from scope of work, carried in sidewalk project unless otherwise noted	-	\$ -	-	\$ -	-	\$ -	-	\$ -
excluded from scope of work, carried in sidewalk project unless otherwise noted	-	\$ -	-	\$ -	-	\$ -	-	\$ -
excluded from scope of work, carried in sidewalk project unless otherwise noted	-	\$ -	-	\$ -	-	\$ -	-	\$ -

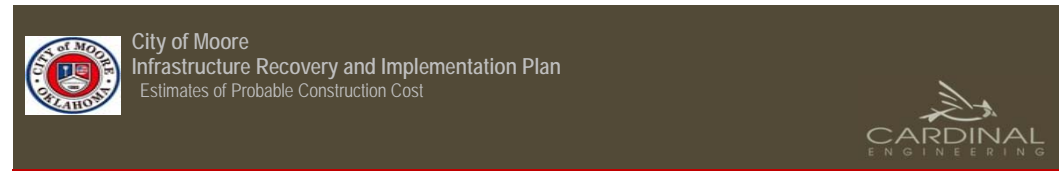
Design and Testing

Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS

Design and Testing

Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
based on percentage of construction cost	1.33	\$ 133,234.61	1.17	\$ 117,404.28	0.15	\$ 15,000.00	0.15	\$ 15,000.00
based on percentage of construction cost	0.10	\$ 9,516.76	0.08	\$ 8,386.02	0.05	\$ 5,000.00	0.05	\$ 5,000.00

Subtotal	\$ 2,046,102.99	\$ 1,802,994.27	\$ 120,000.00	\$ 120,000.00
Contingency 10%	\$ 204,610.30	\$ 180,299.43	\$ 12,000.00	\$ 12,000.00
Total Estimate	\$ 2,250,713.29	\$ 1,983,293.70	\$ 132,000.00	\$ 132,000.00



Project ID	20	20	23	26
SubProject ID	3602	10806	51231	50877
Infrastructure Category	Street	Street	Street	Street
Description	Sub-Area LR1: extension of S. Janeway to SW 10th	LR1: new parking area at Cecil Avenue and King Manor Drive connection	Sub-Area MH2: Reconstruction of all public roadways in sub-area	Sub-Area EJ5: Reconstruction of all public roadways in sub-area
Assessment ID	LR1	LR1	MH2	EJ5
Arterial, 50-ft width (ft, Asphalt Concrete)	0	0	0	0
Collector, 32-ft width (ft, Asphalt Concrete)	0	1300	0	0
Local, 26-ft width (ft, Asphalt Concrete)	0	0	3845	0
Drive Count (ea)	0	0	298	479

Site Preparation and Grading			
Item No.	Description	Unit Price	Units
809-00-04	MOBILIZATION (ROADWAY PROJECT)	\$ 2.00	LF
801-03-01	COLOR AUDIO/VIDEO RECORDING: PRE AND POST CONSTRUCTION	\$ 1.00	LF
801-00-03	CONSTRUCTION STAKING AND AS-BUILT (STREET)	\$ 2.50	LF
802-00-03	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (STREET)	\$ 2.50	LF
810-00-03	CLEARING AND GRUBBING (STREET)	\$ 3.50	LF
820-01	SAWCUT PAVEMENT	\$ 4.00	LF
309-00	COLD MILLING PAVEMENT	\$ 3.50	S.Y.
812-03	CONCRETE PAVEMENT REMOVAL	\$ 8.00	S.Y.
812-02	REMOVE CURB AND GUTTER	\$ 8.00	LF
816-01-01	REMOVE CONC. SIDEWALK	\$ 12.00	S.Y.
813-00	REMOVE DRIVEWAY	\$ 10.00	S.Y.
200-00	UNCLASSIFIED EXCAVATION	\$ 12.00	CY
222-03	CEMENT KILN DUST	\$ 60.00	TON
222-05	CEMENTITIOUS STABILIZED SUBGRADE	\$ 3.50	S.Y.
100-01-03	MISCELLANEOUS IMPROVEMENTS (STREET)	\$ 100,000.00	LS

Site Preparation and Grading			
Notes	Qty	Sub-Total	
based on length of proposed roadway unless otherwise indicated	1,300.00	\$ 2,600.00	
	1,300.00	\$ 1,300.00	
based on length of proposed roadway unless otherwise indicated	1,300.00	\$ 3,250.00	
based on length of proposed roadway unless otherwise indicated	1,300.00	\$ 3,250.00	
based on length of proposed roadway unless otherwise indicated	1,300.00	\$ 4,550.00	
assume quantity equal to full length of roadway construction	-	\$ -	
assume 2-in milling, 8-in thickness arterial streets, 6-in thickness for collector and local	-	\$ -	
length of concrete arterial (x 46-ft), length of concrete collector (x 28-ft), length of concrete local (x 22-ft)	-	\$ -	
2 x total roadway length, less 25-ft per existing driveway	-	\$ -	
carried in sidewalk project unless otherwise indicated	-	\$ -	
excluded from scope of work, carried in sidewalk project	-	\$ -	
assume subgrade grade lowered 3-in, stabilized subgrade	3,000.00	\$ 36,000.00	
assume 12% amendment rate, by weight, unit weight of soil: 120-lb/cu.ft.	163.80	\$ 9,828.00	
quantity based on length of each road classification and City of Moore Standard No. 201 and 202	5,055.56	\$ 17,694.44	
cost of improvements at intersections, arterial roadway projects	-	\$ -	

Paving			
Item No.	Description	Unit Price	Units
305-00	CURB AND GUTTER (2'-8") (6" BARRIER)	\$ 25.00	LF
305-02	INTEGRAL CURB (6 INCHES)	\$ 14.00	LF
305-01	CURB AND GUTTER (2'-8") (8" BARRIER)	\$ 35.00	LF
305-04	INTEGRAL CURB (BARRIER) (8 INCHES)	\$ 15.00	LF
304-04	PORTLAND CEMENT CONCRETE PAVEMENT (6")	\$ 45.00	S.Y.
304-06	PORTLAND CEMENT CONCRETE PAVEMENT (8")	\$ 50.00	S.Y.
301-05-01	ASPHALT CONCRETE (TYPE S-3)	\$ 50.00	TON
301-06-01	ASPHALT CONCRETE (TYPE S-5)	\$ 55.00	TON
301-34	FREIGHT FOR ASPHALT DELIVERY (WITHIN CITY OF MOORE)	\$ 8.00	TON
301-35	INSTALLATION OF ASPHALT PAVEMENT (LABOR AND EQUIPMENT ONLY)	\$ 15.00	TON
313-00	TACK COAT	\$ 4.00	GAL
100-01-03	MISCELLANEOUS IMPROVEMENTS (STREET)	\$ 100,000.00	LS

Paving			
Notes	Qty	Sub-Total	
2 x length of asphalt local and collector, less 25-ft x weighted drive count (based on fraction of total length)	-	\$ -	
2 x length of concrete local and collector, less 25-ft x weighted drive count (based on fraction of total length)	2,600.00	\$ 36,400.00	
2 x arterial asphalt length, less 25-ft x weighted drive count (based on fraction of total length)	-	\$ -	
2 x arterial concrete length, less 25-ft x weighted drive count (based on fraction of total length)	-	\$ -	
length of concrete collector (x 32-ft) plus local (x 26-ft)	4,622.22	\$ 208,000.00	
length of concrete arterial (x 50-ft)	-	\$ -	
substitute for Type A, assumed density of 112-lb/sq.yd./in	-	\$ -	
substitute for Type B, assumed density of 112-lb/sq.yd./in	-	\$ -	
14-ton load assumed	-	\$ -	
	-	\$ -	
application rate of 0.15-gallon per sq.yd. assumed	-	\$ -	
cost of improvements at intersections, arterial roadway projects	-	\$ -	

Erosion Control			
Item No.	Description	Unit Price	Units
900-07-03	EROSION CONTROL (STREET)	\$ 0.75	LF

Erosion Control			
Notes	Qty	Sub-Total	
	4,000.00	\$ 3,000.00	

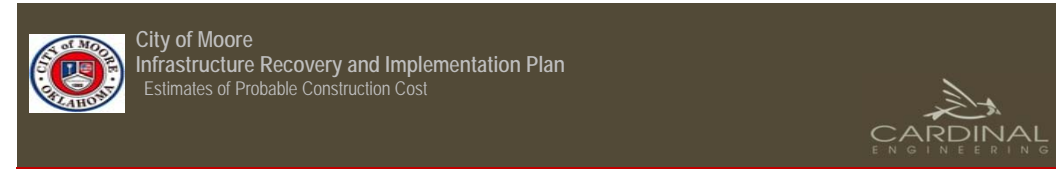
Site Restoration and Project Close-Out			
Item No.	Description	Unit Price	Units
810-00-04	SITE RESTORATION (STREET)	\$ 2.50	LF
823-00-01	SIDEWALK (4" THICK)	\$ 50.00	S.Y.
830-02	ADA CURB RAMP	\$ 1,200.00	EA
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.

Erosion Control			
Notes	Qty	Sub-Total	
	1,300.00	\$ 3,250.00	
excluded from scope of work, carried in sidewalk project unless otherwise noted	800.00	\$ 40,000.00	
excluded from scope of work, carried in sidewalk project unless otherwise noted	-	\$ -	
excluded from scope of work, carried in sidewalk project unless otherwise noted	4,500.00	\$ 13,500.00	

Design and Testing			
Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS

Design and Testing			
Notes	Qty	Sub-Total	
based on percentage of construction cost	0.35	\$ 35,000.00	
based on percentage of construction cost	0.10	\$ 10,000.00	

Subtotal		\$ 370,872.44	\$ 173,750.00	\$ 2,186,800.28	\$ 5,635,178.42
Contingency 10%		\$ 37,087.24	\$ 17,375.00	\$ 218,680.03	\$ 563,517.84
Total Estimate		\$ 407,959.69	\$ 191,125.00	\$ 2,405,480.30	\$ 6,198,696.26



Project ID	33	35	40	41
SubProject ID	50852	50891	53207	53608
Infrastructure Category	Street	Street	Street	Street
Description	Sub-Area EJ6: Reconstruction of all public roadways in sub-area	Sub-Area SM2: Reconstruction of all public roadways in sub-area	N4C: reconstruction of SE 4th Street	N4B: reconstruction of SE 4th Street
Assessment ID	EJ6	SM2	N4C	N4B
Arterial, 50-ft width (ft, Asphalt Concrete)	0	2628	0	0
Collector, 32-ft width (ft, Asphalt Concrete)	0	24	0	0
Local, 26-ft width (ft, Asphalt Concrete)	111	0	11173	0
Drive Count (ea)	0	282	40	35

Site Preparation and Grading			
Item No.	Description	Unit Price	Units
809-00-04	MOBILIZATION (ROADWAY PROJECT)	\$ 2.00	LF
801-03-01	COLOR AUDIO/VIDEO RECORDING: PRE AND POST CONSTRUCTION	\$ 1.00	LF
801-00-03	CONSTRUCTION STAKING AND AS-BUILT (STREET)	\$ 2.50	LF
802-00-03	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (STREET)	\$ 2.50	LF
810-00-03	CLEARING AND GRUBBING (STREET)	\$ 3.50	LF
820-01	SAWCUT PAVEMENT	\$ 4.00	LF
309-00	COLD MILLING PAVEMENT	\$ 3.50	S.Y.
812-03	CONCRETE PAVEMENT REMOVAL	\$ 8.00	S.Y.
812-02	REMOVE CURB AND GUTTER	\$ 8.00	LF
816-01-01	REMOVE CONC. SIDEWALK	\$ 12.00	S.Y.
813-00	REMOVE DRIVEWAY	\$ 10.00	S.Y.
200-00	UNCLASSIFIED EXCAVATION	\$ 12.00	CY
222-03	CEMENT KILN DUST	\$ 60.00	TON
222-05	CEMENTITIOUS STABILIZED SUBGRADE	\$ 3.50	S.Y.
100-01-03	MISCELLANEOUS IMPROVEMENTS (STREET)	\$ 100,000.00	LS

Site Preparation and Grading		\$ 298,261.58		\$ 832,255.59		\$ 934,244.26		\$ 588,458.55	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty
based on length of proposed roadway unless otherwise indicated	2,763.00	\$ 5,526.00	11,173.00	\$ 22,346.00	11,874.00	\$ 23,748.00	6,104.00	\$ 12,208.00	
	2,763.00	\$ 2,763.00	11,173.00	\$ 11,173.00	5,937.00	\$ 5,937.00	3,052.00	\$ 3,052.00	
based on length of proposed roadway unless otherwise indicated	135.00	\$ 337.50	11,455.00	\$ 28,637.50	11,874.00	\$ 29,685.00	6,104.00	\$ 15,260.00	
based on length of proposed roadway unless otherwise indicated	2,763.00	\$ 6,907.50	11,173.00	\$ 27,932.50	14,842.50	\$ 37,106.25	7,630.00	\$ 19,075.00	
based on length of proposed roadway unless otherwise indicated	2,763.00	\$ 9,670.50	11,173.00	\$ 39,105.50	5,937.00	\$ 20,779.50	3,052.00	\$ 10,682.00	
assume quantity equal to full length of roadway construction	2,763.00	\$ 11,052.00	11,173.00	\$ 44,692.00	5,937.00	\$ 23,748.00	3,052.00	\$ 12,208.00	
assume 2-in milling, 8-in thickness arterial streets, 6-in thickness for collector and local	814.00	\$ 2,849.00	81,935.33	\$ 286,773.67	-	\$ -	-	\$ -	
length of concrete arterial (x 46-ft), length of concrete collector (x 28-ft), length of concrete local (x 22-ft)	13,506.67	\$ 108,053.33	-	\$ -	28,784.00	\$ 230,272.00	15,459.11	\$ 123,672.89	
2 x total roadway length, less 25-ft per existing driveway	5,526.00	\$ 44,208.00	15,296.00	\$ 122,368.00	10,874.00	\$ 86,992.00	5,229.00	\$ 41,832.00	
carried in sidewalk project unless otherwise indicated	-	\$ -	-	\$ -	3,298.33	\$ 39,580.00	1,695.56	\$ 20,346.67	
excluded from scope of work, carried in sidewalk project	-	\$ -	-	\$ -	1,200.00	\$ 12,000.00	1,050.00	\$ 10,500.00	
assume subgrade grade lowered 3-in, stabilized subgrade	1,682.35	\$ 20,188.16	4,436.09	\$ 53,233.14	3,546.49	\$ 42,557.84	1,878.31	\$ 22,539.75	
assume 12% amendment rate, by weight, unit weight of soil: 120-lb/cu.ft.	516.03	\$ 30,962.09	1,166.46	\$ 69,987.67	1,082.21	\$ 64,932.84	577.79	\$ 34,667.14	
quantity based on length of each road classification and City of Moore Standard No. 201 and 202	15,927.00	\$ 55,744.50	36,001.89	\$ 126,006.61	33,401.67	\$ 116,905.83	17,832.89	\$ 62,415.11	
cost of improvements at intersections, arterial roadway projects	-	\$ -	-	\$ -	2.00	\$ 200,000.00	2.00	\$ 200,000.00	

Paving			
Item No.	Description	Unit Price	Units
305-00	CURB AND GUTTER (2'-8") (6" BARRIER)	\$ 25.00	LF
305-02	INTEGRAL CURB (6 INCHES)	\$ 14.00	LF
305-01	CURB AND GUTTER (2'-8") (8" BARRIER)	\$ 35.00	LF
305-04	INTEGRAL CURB (BARRIER) (8 INCHES)	\$ 15.00	LF
304-04	PORTLAND CEMENT CONCRETE PAVEMENT (6")	\$ 45.00	S.Y.
304-06	PORTLAND CEMENT CONCRETE PAVEMENT (8")	\$ 50.00	S.Y.
301-05-01	ASPHALT CONCRETE (TYPE S-3)	\$ 50.00	TON
301-06-01	ASPHALT CONCRETE (TYPE S-5)	\$ 55.00	TON
301-34	FREIGHT FOR ASPHALT DELIVERY (WITHIN CITY OF MOORE)	\$ 8.00	TON
301-35	INSTALLATION OF ASPHALT PAVEMENT (LABOR AND EQUIPMENT ONLY)	\$ 15.00	TON
313-00	TACK COAT	\$ 4.00	GAL
100-01-03	MISCELLANEOUS IMPROVEMENTS (STREET)	\$ 100,000.00	LS

Paving		\$ 825,762.38		\$ 1,072,949.42		\$ 2,496,431.09		\$ 1,440,027.09	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty
2 x length of asphalt local and collector, less 25-ft x weighted drive count (based on fraction of total length)	222.00	\$ 5,550.00	15,296.00	\$ 382,400.00	-	\$ -	-	\$ -	-
2 x length of concrete local and collector, less 25-ft x weighted drive count (based on fraction of total length)	48.00	\$ 672.00	-	\$ -	1,135.57	\$ 15,897.98	107.94	\$ 1,511.13	
2 x arterial asphalt length, less 25-ft x weighted drive count (based on fraction of total length)	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
2 x arterial concrete length, less 25-ft x weighted drive count (based on fraction of total length)	5,256.00	\$ 78,840.00	-	\$ -	9,738.43	\$ 146,076.45	5,121.06	\$ 76,815.93	
length of concrete collector (x 32-ft) plus local (x 26-ft)	85.33	\$ 3,840.00	-	\$ -	1,883.78	\$ 84,770.00	210.00	\$ 9,450.00	
length of concrete arterial (x 50-ft)	14,600.00	\$ 730,000.00	-	\$ -	32,492.78	\$ 1,624,638.89	18,266.11	\$ 913,305.56	
substitute for Type A, assumed density of 112-lb/sq.yd./in	58.35	\$ 2,917.31	5,872.99	\$ 293,649.68	5,822.57	\$ 291,128.61	3,273.21	\$ 163,660.60	
substitute for Type B, assumed density of 112-lb/sq.yd./in	29.17	\$ 1,604.52	2,936.50	\$ 161,507.32	-	\$ -	-	\$ -	
14-ton load assumed	87.52	\$ 700.15	8,809.49	\$ 70,475.92	5,822.57	\$ 46,580.58	3,273.21	\$ 26,185.70	
	87.52	\$ 1,312.79	8,809.49	\$ 132,142.36	5,822.57	\$ 87,338.58	3,273.21	\$ 49,098.18	
application rate of 0.15-gallon per sq.yd. assumed	81.40	\$ 325.60	8,193.53	\$ 32,774.13	-	\$ -	-	\$ -	
cost of improvements at intersections, arterial roadway projects	-	\$ -	-	\$ -	2.00	\$ 200,000.00	2.00	\$ 200,000.00	

Erosion Control			
Item No.	Description	Unit Price	Units
900-07-03	EROSION CONTROL (STREET)	\$ 0.75	LF

Erosion Control		\$ 2,072.25		\$ 8,379.75		\$ 4,452.75		\$ 2,289.00	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty
	2,763.00	\$ 2,072.25	11,173.00	\$ 8,379.75	5,937.00	\$ 4,452.75	3,052.00	\$ 2,289.00	

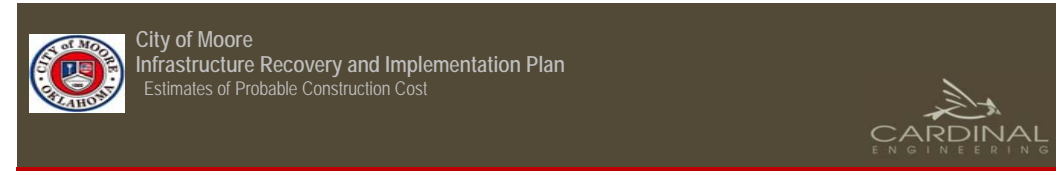
Site Restoration and Project Close-Out			
Item No.	Description	Unit Price	Units
810-00-04	SITE RESTORATION (STREET)	\$ 2.50	LF
823-00-01	SIDEWALK (4" THICK)	\$ 50.00	S.Y.
830-02	ADA CURB RAMP	\$ 1,200.00	EA
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.

Erosion Control		\$ -		\$ -		\$ 302,615.39		\$ 182,407.78	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty
	2,763.00	\$ 6,907.50	11,173.00	\$ 27,932.50	5,937.00	\$ 14,842.50	3,052.00	\$ 7,630.00	
excluded from scope of work, carried in sidewalk project unless otherwise noted	-	\$ -	-	\$ -	3,229.44	\$ 161,472.22	1,688.56	\$ 84,427.78	
excluded from scope of work, carried in sidewalk project unless otherwise noted	-	\$ -	-	\$ -	40.00	\$ 48,000.00	40.00	\$ 48,000.00	
excluded from scope of work, carried in sidewalk project unless otherwise noted	-	\$ -	-	\$ -	26,100.22	\$ 78,300.67	14,116.67	\$ 42,350.00	

Design and Testing			
Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS

Design and Testing		\$ 84,457.22		\$ 143,518.86		\$ 314,576.54		\$ 192,192.61	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty
based on percentage of construction cost	0.79	\$ 78,826.73	1.34	\$ 133,950.93	2.73	\$ 273,066.97	1.66	\$ 165,981.04	
based on percentage of construction cost	0.06	\$ 5,630.48	0.10	\$ 9,567.92	0.42	\$ 41,509.57	0.26	\$ 26,211.58	

Subtotal		\$ 1,210,553.42		\$ 2,057,103.61		\$ 4,215,533.28		\$ 2,563,350.29
Contingency 10%		\$ 121,055.34		\$ 205,710.36		\$ 421,553.33		\$ 256,335.03
Total Estimate		\$ 1,331,608.77		\$ 2,262,813.97		\$ 4,637,086.61		\$ 2,819,685.32



Project ID	42	43	44	44
SubProject ID	53208	53607	53209	10405
Infrastructure Category	Street	Street	Street	Street
Description	N4A: reconstruction of SE 4th Street	EA1: reconstruction of S. Eastern Avenue	TP1: mill and overlay	TP1: signalization at SW 17th Street and Telephone Road
Assessment ID	N4A	EA1	TP1	
Arterial, 50-ft width (ft, Asphalt Concrete)	0 5253	0 3403	5334 0	
Collector, 32-ft width (ft, Asphalt Concrete)	0 205	0 146	0 90	
Local, 26-ft width (ft, Asphalt Concrete)	0 0	0 294	0 594	
Drive Count (ea)	37	41	38	

Site Preparation and Grading

Item No.	Description	Unit Price	Units
809-00-04	MOBILIZATION (ROADWAY PROJECT)	\$ 2.00	LF
801-03-01	COLOR AUDIO/VIDEO RECORDING: PRE AND POST CONSTRUCTION	\$ 1.00	LF
801-00-03	CONSTRUCTION STAKING AND AS-BUILT (STREET)	\$ 2.50	LF
802-00-03	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (STREET)	\$ 2.50	LF
810-00-03	CLEARING AND GRUBBING (STREET)	\$ 3.50	LF
820-01	SAWCUT PAVEMENT	\$ 4.00	LF
309-00	COLD MILLING PAVEMENT	\$ 3.50	S.Y.
812-03	CONCRETE PAVEMENT REMOVAL	\$ 8.00	S.Y.
812-02	REMOVE CURB AND GUTTER	\$ 8.00	LF
816-01-01	REMOVE CONC. SIDEWALK	\$ 12.00	S.Y.
813-00	REMOVE DRIVEWAY	\$ 10.00	S.Y.
200-00	UNCLASSIFIED EXCAVATION	\$ 12.00	CY
222-03	CEMENT KILN DUST	\$ 60.00	TON
222-05	CEMENTITIOUS STABILIZED SUBGRADE	\$ 3.50	S.Y.
100-01-03	MISCELLANEOUS IMPROVEMENTS (STREET)	\$ 100,000.00	LS

Site Preparation and Grading

Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
based on length of proposed roadway unless otherwise indicated	10,916.00	\$ 21,832.00	7,686.00	\$ 15,372.00	12,036.00	\$ 24,072.00	-	\$ -
	5,458.00	\$ 5,458.00	3,843.00	\$ 3,843.00	6,018.00	\$ 6,018.00	-	\$ -
based on length of proposed roadway unless otherwise indicated	10,916.00	\$ 27,290.00	7,686.00	\$ 19,215.00	-	\$ -	-	\$ -
based on length of proposed roadway unless otherwise indicated	13,645.00	\$ 34,112.50	9,607.50	\$ 24,018.75	15,045.00	\$ 37,612.50	-	\$ -
based on length of proposed roadway unless otherwise indicated	5,458.00	\$ 19,103.00	3,843.00	\$ 13,450.50	6,018.00	\$ 21,063.00	-	\$ -
assume quantity equal to full length of roadway construction	5,458.00	\$ 21,832.00	3,843.00	\$ 15,372.00	-	\$ -	-	\$ -
assume 2-in milling, 8-in thickness arterial streets, 6-in thickness for collector and local	-	\$ -	-	\$ -	27,262.67	\$ 95,419.33	-	\$ -
length of concrete arterial (x 46-ft), length of concrete collector (x 28-ft), length of concrete local (x 22-ft)	27,486.44	\$ 219,891.56	18,566.00	\$ 148,528.00	-	\$ -	-	\$ -
2 x total roadway length, less 25-ft per existing driveway	9,991.00	\$ 79,928.00	6,661.00	\$ 53,288.00	-	\$ -	-	\$ -
carried in sidewalk project unless otherwise indicated	3,032.22	\$ 36,386.67	2,135.00	\$ 25,620.00	-	\$ -	-	\$ -
excluded from scope of work, carried in sidewalk project	1,110.00	\$ 11,100.00	1,230.00	\$ 12,300.00	-	\$ -	-	\$ -
assume subgrade grade lowered 3-in, stabilized subgrade	3,345.75	\$ 40,149.00	2,290.15	\$ 27,481.76	-	\$ -	-	\$ -
assume 12% amendment rate, by weight, unit weight of soil: 120-lb/cu.ft.	1,028.10	\$ 61,686.14	698.38	\$ 41,902.92	-	\$ -	-	\$ -
quantity based on length of each road classification and City of Moore Standard No. 201 and 202	31,731.56	\$ 111,060.44	21,555.00	\$ 75,442.50	-	\$ -	-	\$ -
cost of improvements at intersections, arterial roadway projects	2.00	\$ 200,000.00	2.00	\$ 200,000.00	-	\$ -	0.75	\$ 75,000.00

Paving

Item No.	Description	Unit Price	Units
305-00	CURB AND GUTTER (2'-8") (6" BARRIER)	\$ 25.00	LF
305-02	INTEGRAL CURB (6 INCHES)	\$ 14.00	LF
305-01	CURB AND GUTTER (2'-8") (8" BARRIER)	\$ 35.00	LF
305-04	INTEGRAL CURB (BARRIER) (8 INCHES)	\$ 15.00	LF
304-04	PORTLAND CEMENT CONCRETE PAVEMENT (6")	\$ 45.00	S.Y.
304-06	PORTLAND CEMENT CONCRETE PAVEMENT (8")	\$ 50.00	S.Y.
301-05-01	ASPHALT CONCRETE (TYPE S-3)	\$ 50.00	TON
301-06-01	ASPHALT CONCRETE (TYPE S-5)	\$ 55.00	TON
301-34	FREIGHT FOR ASPHALT DELIVERY (WITHIN CITY OF MOORE)	\$ 8.00	TON
301-35	INSTALLATION OF ASPHALT PAVEMENT (LABOR AND EQUIPMENT ONLY)	\$ 15.00	TON
313-00	TACK COAT	\$ 4.00	GAL
100-01-03	MISCELLANEOUS IMPROVEMENTS (STREET)	\$ 100,000.00	LS

Paving

Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
2 x length of asphalt local and collector, less 25-ft x weighted drive count (based on fraction of total length)	-	\$ -	-	\$ -	-	\$ -	-	\$ -
2 x length of concrete local and collector, less 25-ft x weighted drive count (based on fraction of total length)	375.26	\$ 5,253.60	762.64	\$ 10,677.01	-	\$ -	-	\$ -
2 x arterial asphalt length, less 25-ft x weighted drive count (based on fraction of total length)	-	\$ -	-	\$ -	-	\$ -	-	\$ -
2 x arterial concrete length, less 25-ft x weighted drive count (based on fraction of total length)	9,615.74	\$ 144,236.14	5,898.36	\$ 88,475.34	-	\$ -	-	\$ -
length of concrete collector (x 32-ft) plus local (x 26-ft)	728.89	\$ 32,800.00	1,368.44	\$ 61,580.00	-	\$ -	-	\$ -
length of concrete arterial (x 50-ft)	32,101.67	\$ 1,605,083.33	20,796.11	\$ 1,039,805.56	-	\$ -	-	\$ -
substitute for Type A, assumed density of 112-lb/sq.yd./in	5,752.49	\$ 287,624.33	-	\$ -	-	\$ -	-	\$ -
substitute for Type B, assumed density of 112-lb/sq.yd./in	-	\$ -	-	\$ -	3,053.42	\$ 167,938.03	-	\$ -
14-ton load assumed	5,752.49	\$ 46,019.89	-	\$ -	3,053.42	\$ 24,427.35	-	\$ -
	5,752.49	\$ 86,287.30	-	\$ -	3,053.42	\$ 45,801.28	-	\$ -
application rate of 0.15-gallon per sq.yd. assumed	-	\$ -	-	\$ -	4,089.40	\$ 16,357.60	-	\$ -
cost of improvements at intersections, arterial roadway projects	2.00	\$ 200,000.00	2.00	\$ 200,000.00	0.20	\$ 20,000.00	-	\$ -

Erosion Control

Item No.	Description	Unit Price	Units
900-07-03	EROSION CONTROL (STREET)	\$ 0.75	LF

Erosion Control

Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
	5,458.00	\$ 4,093.50	3,843.00	\$ 2,882.25	-	\$ -	-	\$ -

Site Restoration and Project Close-Out

Item No.	Description	Unit Price	Units
810-00-04	SITE RESTORATION (STREET)	\$ 2.50	LF
823-00-01	SIDEWALK (4" THICK)	\$ 50.00	S.Y.
830-02	ADA CURB RAMP	\$ 1,200.00	EA
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.

Erosion Control

Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
excluded from scope of work, carried in sidewalk project unless otherwise noted	5,458.00	\$ 13,645.00	3,843.00	\$ 9,607.50	5,334.00	\$ 13,335.00	-	\$ -
excluded from scope of work, carried in sidewalk project unless otherwise noted	3,009.44	\$ 150,472.22	2,086.11	\$ 104,305.56	-	\$ -	-	\$ -
excluded from scope of work, carried in sidewalk project unless otherwise noted	40.00	\$ 48,000.00	40.00	\$ 48,000.00	-	\$ -	-	\$ -
excluded from scope of work, carried in sidewalk project unless otherwise noted	25,151.78	\$ 75,455.33	16,857.56	\$ 50,572.67	-	\$ -	-	\$ -

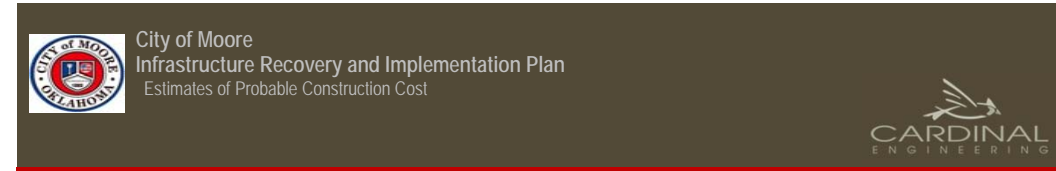
Design and Testing

Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS

Design and Testing

Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
based on percentage of construction cost	2.63	\$ 262,630.85	1.72	\$ 171,545.29	0.35	\$ 34,513.23	0.20	\$ 20,000.00
based on percentage of construction cost	0.40	\$ 40,018.69	0.27	\$ 27,006.47	0.05	\$ 4,930.46	0.05	\$ 5,000.00

Subtotal		\$ 4,054,518.76	\$ 2,649,198.83	\$ 532,489.78	\$ 105,625.00
Contingency 10%		\$ 405,451.88	\$ 264,919.88	\$ 53,248.98	\$ 10,562.50
Total Estimate		\$ 4,459,970.64	\$ 2,914,118.71	\$ 585,738.75	\$ 116,187.50



Project ID	45		45	
SubProject ID	10406		10805	
Infrastructure Category	Street		Street	
Description	WT1: extend SW 6th Street from Classen Drive to Telephone Road		WT1: mill and overlay, SW 11th Street from South Service Road to Telephone Road	
Assessment ID	WT1		WT1	
Arterial, 50-ft width (ft, Asphalt Concrete)	0	0	0	0
Collector, 32-ft width (ft, Asphalt Concrete)	700	0	1300	0
Local, 26-ft width (ft, Asphalt Concrete)	0	0	0	0
Drive Count (ea)	4		6	

Site Preparation and Grading

Item No.	Description	Unit Price	Units
809-00-04	MOBILIZATION (ROADWAY PROJECT)	\$ 2.00	LF
801-03-01	COLOR AUDIO/VIDEO RECORDING: PRE AND POST CONSTRUCTION	\$ 1.00	LF
801-00-03	CONSTRUCTION STAKING AND AS-BUILT (STREET)	\$ 2.50	LF
802-00-03	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (STREET)	\$ 2.50	LF
810-00-03	CLEARING AND GRUBBING (STREET)	\$ 3.50	LF
820-01	SAWCUT PAVEMENT	\$ 4.00	LF
309-00	COLD MILLING PAVEMENT	\$ 3.50	S.Y.
812-03	CONCRETE PAVEMENT REMOVAL	\$ 8.00	S.Y.
812-02	REMOVE CURB AND GUTTER	\$ 8.00	LF
816-01-01	REMOVE CONC. SIDEWALK	\$ 12.00	S.Y.
813-00	REMOVE DRIVEWAY	\$ 10.00	S.Y.
200-00	UNCLASSIFIED EXCAVATION	\$ 12.00	CY
222-03	CEMENT KILN DUST	\$ 60.00	TON
222-05	CEMENTITIOUS STABILIZED SUBGRADE	\$ 3.50	S.Y.
100-01-03	MISCELLANEOUS IMPROVEMENTS (STREET)	\$ 100,000.00	LS

Site Preparation and Grading

Notes	Qty	Sub-Total	Qty	Sub-Total
based on length of proposed roadway unless otherwise indicated	700.00	\$ 1,400.00	2,600.00	\$ 5,200.00
	700.00	\$ 700.00	-	\$ -
based on length of proposed roadway unless otherwise indicated	4,200.00	\$ 10,500.00	-	\$ -
based on length of proposed roadway unless otherwise indicated	3,500.00	\$ 8,750.00	3,250.00	\$ 8,125.00
based on length of proposed roadway unless otherwise indicated	5,600.00	\$ 19,600.00	-	\$ -
assume quantity equal to full length of roadway construction	-	\$ -	-	\$ -
assume 2-in milling, 8-in thickness arterial streets, 6-in thickness for collector and local	-	\$ -	4,044.44	\$ 14,155.56
length of concrete arterial (x 46-ft), length of concrete collector (x 28-ft), length of concrete local (x 22-ft)	-	\$ -	-	\$ -
2 x total roadway length, less 25-ft per existing driveway	400.00	\$ 3,200.00	-	\$ -
carried in sidewalk project unless otherwise indicated	-	\$ -	-	\$ -
excluded from scope of work, carried in sidewalk project	400.00	\$ 4,000.00	-	\$ -
assume subgrade grade lowered 3-in, stabilized subgrade	1,000.00	\$ 12,000.00	-	\$ -
assume 12% amendment rate, by weight, unit weight of soil: 120-lb/cu.ft.	88.20	\$ 5,292.00	-	\$ -
quantity based on length of each road classification and City of Moore Standard No. 201 and 202	2,722.22	\$ 9,527.78	-	\$ -
cost of improvements at intersections, arterial roadway projects	0.25	\$ 25,000.00	0.25	\$ 25,000.00

Paving

Item No.	Description	Unit Price	Units
305-00	CURB AND GUTTER (2'-8") (6" BARRIER)	\$ 25.00	LF
305-02	INTEGRAL CURB (6 INCHES)	\$ 14.00	LF
305-01	CURB AND GUTTER (2'-8") (8" BARRIER)	\$ 35.00	LF
305-04	INTEGRAL CURB (BARRIER) (8 INCHES)	\$ 15.00	LF
304-04	PORTLAND CEMENT CONCRETE PAVEMENT (6")	\$ 45.00	S.Y.
304-06	PORTLAND CEMENT CONCRETE PAVEMENT (8")	\$ 50.00	S.Y.
301-05-01	ASPHALT CONCRETE (TYPE S-3)	\$ 50.00	TON
301-06-01	ASPHALT CONCRETE (TYPE S-5)	\$ 55.00	TON
301-34	FREIGHT FOR ASPHALT DELIVERY (WITHIN CITY OF MOORE)	\$ 8.00	TON
301-35	INSTALLATION OF ASPHALT PAVEMENT (LABOR AND EQUIPMENT ONLY)	\$ 15.00	TON
313-00	TACK COAT	\$ 4.00	GAL
100-01-03	MISCELLANEOUS IMPROVEMENTS (STREET)	\$ 100,000.00	LS

Paving

Notes	Qty	Sub-Total	Qty	Sub-Total
2 x length of asphalt local and collector, less 25-ft x weighted drive count (based on fraction of total length)	700.00	\$ 17,500.00	-	\$ -
2 x length of concrete local and collector, less 25-ft x weighted drive count (based on fraction of total length)	-	\$ -	-	\$ -
2 x arterial asphalt length, less 25-ft x weighted drive count (based on fraction of total length)	-	\$ -	-	\$ -
2 x arterial concrete length, less 25-ft x weighted drive count (based on fraction of total length)	-	\$ -	-	\$ -
length of concrete collector (x 32-ft) plus local (x 26-ft)	-	\$ -	-	\$ -
length of concrete arterial (x 50-ft)	-	\$ -	-	\$ -
substitute for Type A, assumed density of 112-lb/sq.yd./in	468.30	\$ 23,414.94	-	\$ -
substitute for Type B, assumed density of 112-lb/sq.yd./in	234.15	\$ 12,878.22	452.98	\$ 24,913.78
14-ton load assumed	702.45	\$ 5,619.59	452.98	\$ 3,623.82
	702.45	\$ 10,536.72	452.98	\$ 6,794.67
application rate of 0.15-gallon per sq.yd. assumed	653.33	\$ 2,613.33	606.67	\$ 2,426.67
cost of improvements at intersections, arterial roadway projects	0.25	\$ 25,000.00	0.20	\$ 20,000.00

Erosion Control

Item No.	Description	Unit Price	Units
900-07-03	EROSION CONTROL (STREET)	\$ 0.75	LF

Erosion Control

Notes	Qty	Sub-Total	Qty	Sub-Total
	700.00	\$ 525.00	-	\$ -

Site Restoration and Project Close-Out

Item No.	Description	Unit Price	Units
810-00-04	SITE RESTORATION (STREET)	\$ 2.50	LF
823-00-01	SIDEWALK (4" THICK)	\$ 50.00	S.Y.
830-02	ADA CURB RAMP	\$ 1,200.00	EA
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.

Erosion Control

Notes	Qty	Sub-Total	Qty	Sub-Total
	700.00	\$ 1,750.00	1,300.00	\$ 3,250.00
excluded from scope of work, carried in sidewalk project unless otherwise noted	777.78	\$ 38,888.89	-	\$ -
excluded from scope of work, carried in sidewalk project unless otherwise noted	8.00	\$ 9,600.00	-	\$ -
excluded from scope of work, carried in sidewalk project unless otherwise noted	700.00	\$ 2,100.00	-	\$ -

Design and Testing

Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS

Design and Testing

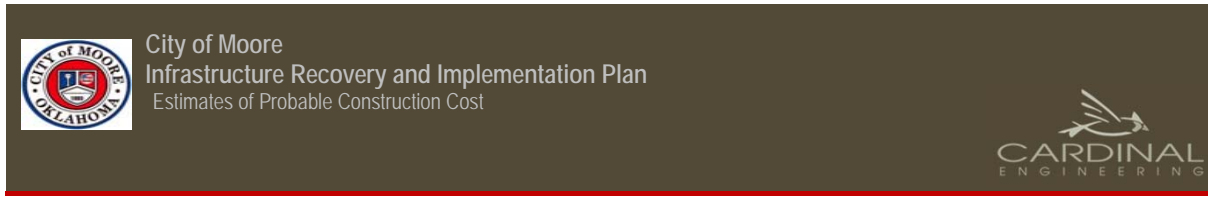
Notes	Qty	Sub-Total	Qty	Sub-Total
based on percentage of construction cost	0.14	\$ 13,864.03	0.08	\$ 8,294.26
based on percentage of construction cost	0.05	\$ 5,000.00	0.01	\$ 1,184.89

Subtotal
Contingency 10%
Total Estimate

\$ 231,775.94
\$ 23,177.59
\$ 254,953.53

\$ 127,968.65
\$ 12,796.86
\$ 140,765.51

Project ID	1	4	7	9
SubProject ID	50845	22408	23206	23210
Infrastructure Category	Sidewalk	Sidewalk	Sidewalk	Sidewalk
Description	Sub-Area BW2: Reconstruction of all sidewalks in sub-area	Sub-Area PT2: reconstruction of all existing sidewalks	Sub-Area PT3: reconstruction of all sidewalks	Sub-Area PT4: reconstruction of all sidewalks
Assessment ID	BW2	PT2	PT3	PT4
Approximate Maximum Sidewalk Length (ft)	23489	17807	15411	10580
2010 Sidewalk Length (ft)	22326	16914	11893	6599
Sidewalk Reconstruction Anticipated (ft)	0	5647	3436	5215
Sidewalk Missing or Not Continuous (ft)	434	2367	4737	3068
Sidewalk to be Demolished and Removed (ft)	21892	14547	11893	6599
Sidewalk to be Constructed (ft)	22326	16914	16630	9667
Ramp Count (ea)	80	50	40	34
Drive Count (ea)	444	227	210	130



Site Preparation and Grading			
Item No.	Description	Unit Price	Units
809-00-03	MOBILIZATION (SIDEWALK PROJECT)	\$ 0.50	LF
801-00-02	CONSTRUCTION STAKING AND AS-BUILT (SIDEWALK)	\$ 1.75	LF
801-03-01	COLOR AUDIO/VIDEO RECORDING: PRE AND POST CONSTRUCTION	\$ 1.00	LF
802-00-02	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (SIDEWALK)	\$ 0.25	LF
810-00-01	CLEARING AND GRUBBING (SIDEWALK)	\$ 0.75	LF
816-01-01	REMOVE CONC. SIDEWALK	\$ 12.00	S.Y.
813-00	REMOVE DRIVEWAY	\$ 10.00	S.Y.
812-02	REMOVE CURB AND GUTTER	\$ 8.00	LF
200-00	UNCLASSIFIED EXCAVATION	\$ 12.00	CY

Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
		\$ 403,457.97		\$ 260,446.21		\$ 237,457.28		\$ 138,499.30
removal of misc site features (trees, signs, mailboxes, etc)	21,892.00	\$ 16,419.00	14,547.00	\$ 10,910.25	11,893.00	\$ 8,919.75	6,599.00	\$ 4,949.25
4-ft width assumed	9,729.78	\$ 116,757.33	6,465.33	\$ 77,584.00	5,285.78	\$ 63,429.33	2,932.89	\$ 35,194.67
20-ft width, 5-ft returns, replacement to r/w assumed	13,320.00	\$ 133,200.00	6,810.00	\$ 68,100.00	6,300.00	\$ 63,000.00	3,900.00	\$ 39,000.00
excluded from scope of work, included in associated street contract	-	\$ -	-	\$ -	-	\$ -	-	\$ -
6-ft width, 8-in deep (+ 50%)	4,911.72	\$ 58,940.64	3,721.08	\$ 44,652.96	3,658.60	\$ 43,903.20	2,126.74	\$ 25,520.88

Paving			
Item No.	Description	Unit Price	Units
823-03	6" P.C. CONC. DRIVEWAY (HES)	\$ 60.00	S.Y.
823-00-01	SIDEWALK (4" THICK)	\$ 50.00	S.Y.
830-02	ADA CURB RAMP	\$ 1,200.00	EA

Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
		\$ 1,268,700.00		\$ 812,322.22		\$ 771,277.78		\$ 471,105.56
20-ft width, 5-ft returns, replacement to r/w assumed	13,320.00	\$ 799,200.00	6,810.00	\$ 408,600.00	6,300.00	\$ 378,000.00	3,900.00	\$ 234,000.00
5-ft width assumed, price includes sand base, driveway width exclud	7,470.00	\$ 373,500.00	6,874.44	\$ 343,722.22	6,905.56	\$ 345,277.78	3,926.11	\$ 196,305.56
includes tactile warning device / truncated dome panels	80.00	\$ 96,000.00	50.00	\$ 60,000.00	40.00	\$ 48,000.00	34.00	\$ 40,800.00

Erosion Control			
Item No.	Description	Unit Price	Units
900-07-02	EROSION CONTROL (SIDEWALK)	\$ 0.75	LF

Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
		\$ 16,744.50		\$ 12,685.50		\$ 12,472.50		\$ 7,250.25
	22,326.00	\$ 16,744.50	16,914.00	\$ 12,685.50	16,630.00	\$ 12,472.50	9,667.00	\$ 7,250.25

Site Restoration and Project Close-Out			
Item No.	Description	Unit Price	Units
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.
810-00-02	SITE RESTORATION (SIDEWALK)	\$ 1.50	LF

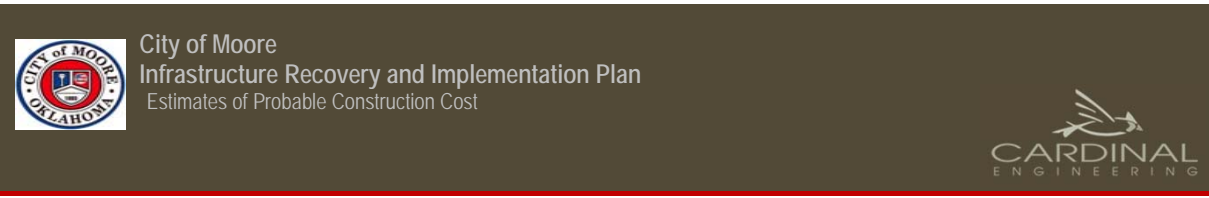
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
		\$ 81,143.00		\$ 62,567.00		\$ 61,648.33		\$ 35,756.83
12-ft wide, less 5-ft sidewalk and driveway area	15,884.67	\$ 47,654.00	12,398.67	\$ 37,196.00	12,234.44	\$ 36,703.33	7,085.44	\$ 21,256.33
general site restoration (signs, mailboxes, structures)	22,326.00	\$ 33,489.00	16,914.00	\$ 25,371.00	16,630.00	\$ 24,945.00	9,667.00	\$ 14,500.50

Design and Testing			
Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS

Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
		\$ 132,753.41		\$ 86,101.57		\$ 81,214.19		\$ 48,945.90
7% design fee assumed	1.24	\$ 123,903.18	0.80	\$ 80,361.47	0.76	\$ 75,799.91	0.46	\$ 45,682.84
0.5% testing and inspection fee assumed	0.09	\$ 8,850.23	0.06	\$ 5,740.10	0.05	\$ 5,414.28	0.03	\$ 3,263.06

Subtotal		\$ 1,902,798.88		\$ 1,234,122.50		\$ 1,164,070.09		\$ 701,557.83
Contingency 10%		\$ 190,279.89		\$ 123,412.25		\$ 116,407.01		\$ 70,155.78
Total Estimate		\$ 2,093,078.77		\$ 1,357,534.75		\$ 1,280,477.10		\$ 771,713.61

Project ID	11	13	13	15
SubProject ID	23607	50885	9615	51211
Infrastructure Category	Sidewalk	Sidewalk	Sidewalk	Sidewalk
Description	Sub-Area PT5: construction of new sidewalks in all public road corridors	Sub-Area EJ2: Reconstruction of all sidewalks in sub-area	EJ2: Pedestrian improvements, connection to Highland East	Sub-Area HW1: Reconstruction of all sidewalks in sub-area
Assessment ID	PT5	EJ2	EJ2	HW1
Approximate Maximum Sidewalk Length (ft)	26465	40781	0	16227
2010 Sidewalk Length (ft)	213	39573	0	14970
Sidewalk Reconstruction Anticipated (ft)	0	2689	0	0
Sidewalk Missing or Not Continuous (ft)	24286	0	0	974
Sidewalk to be Demolished and Removed (ft)	213	39573	0	13996
Sidewalk to be Constructed (ft)	24286	39573	150	14970
Ramp Count (ea)	92	124	2	50
Drive Count (ea)	321	503	0	189



Site Preparation and Grading			
Item No.	Description	Unit Price	Units
809-00-03	MOBILIZATION (SIDEWALK PROJECT)	\$ 0.50	LF
801-00-02	CONSTRUCTION STAKING AND AS-BUILT (SIDEWALK)	\$ 1.75	LF
801-03-01	COLOR AUDIO/VIDEO RECORDING: PRE AND POST CONSTRUCTION	\$ 1.00	LF
802-00-02	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (SIDEWALK)	\$ 0.25	LF
810-00-01	CLEARING AND GRUBBING (SIDEWALK)	\$ 0.75	LF
816-01-01	REMOVE CONC. SIDEWALK	\$ 12.00	S.Y.
813-00	REMOVE DRIVEWAY	\$ 10.00	S.Y.
812-02	REMOVE CURB AND GUTTER	\$ 8.00	LF
200-00	UNCLASSIFIED EXCAVATION	\$ 12.00	CY

Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
		\$ 246,711.79		\$ 634,613.97		\$ 921.00		\$ 233,758.13
removal of misc site features (trees, signs, mailboxes, etc)	213.00	\$ 159.75	39,573.00	\$ 29,679.75	-	\$ -	13,996.00	\$ 10,497.00
4-ft width assumed	94.67	\$ 1,136.00	17,588.00	\$ 211,056.00	-	\$ -	6,220.44	\$ 74,645.33
20-ft width, 5-ft returns, replacement to r/w assumed	9,630.00	\$ 96,300.00	15,090.00	\$ 150,900.00	-	\$ -	5,670.00	\$ 56,700.00
excluded from scope of work, included in associated street contract	-	\$ -	-	\$ -	-	\$ -	-	\$ -
6-ft width, 8-in deep (+ 50%)	5,342.92	\$ 64,115.04	8,706.06	\$ 104,472.72	33.00	\$ 396.00	3,293.40	\$ 39,520.80

Paving			
Item No.	Description	Unit Price	Units
823-03	6" P.C. CONC. DRIVEWAY (HES)	\$ 60.00	S.Y.
823-00-01	SIDEWALK (4" THICK)	\$ 50.00	S.Y.
830-02	ADA CURB RAMP	\$ 1,200.00	EA

Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
		\$ 1,184,477.78		\$ 1,874,005.56		\$ 6,566.67		\$ 711,033.33
20-ft width, 5-ft returns, replacement to r/w assumed	9,630.00	\$ 577,800.00	15,090.00	\$ 905,400.00	-	\$ -	5,670.00	\$ 340,200.00
5-ft width assumed, price includes sand base, driveway width excluded	9,925.56	\$ 496,277.78	16,396.11	\$ 819,805.56	83.33	\$ 4,166.67	6,216.67	\$ 310,833.33
includes tactile warning device / truncated dome panels	92.00	\$ 110,400.00	124.00	\$ 148,800.00	2.00	\$ 2,400.00	50.00	\$ 60,000.00

Erosion Control			
Item No.	Description	Unit Price	Units
900-07-02	EROSION CONTROL (SIDEWALK)	\$ 0.75	LF

Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
		\$ 18,214.50		\$ 29,679.75		\$ 112.50		\$ 11,227.50
	24,286.00	\$ 18,214.50	39,573.00	\$ 29,679.75	150.00	\$ 112.50	14,970.00	\$ 11,227.50

Site Restoration and Project Close-Out			
Item No.	Description	Unit Price	Units
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.
810-00-02	SITE RESTORATION (SIDEWALK)	\$ 1.50	LF

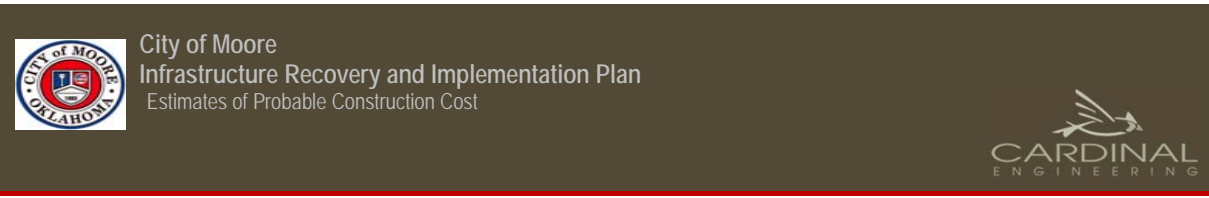
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
		\$ 89,886.33		\$ 146,666.50		\$ 575.00		\$ 55,495.00
12-ft wide, less 5-ft sidewalk and driveway area	17,819.11	\$ 53,457.33	29,102.33	\$ 87,307.00	116.67	\$ 350.00	11,013.33	\$ 33,040.00
general site restoration (signs, mailboxes, structures)	24,286.00	\$ 36,429.00	39,573.00	\$ 59,359.50	150.00	\$ 225.00	14,970.00	\$ 22,455.00

Design and Testing			
Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS

Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
		\$ 115,446.78		\$ 201,372.43		\$ 613.14		\$ 75,863.55
7% design fee assumed	1.08	\$ 107,750.33	1.88	\$ 187,947.60	0.01	\$ 572.26	0.71	\$ 70,805.98
0.5% testing and inspection fee assumed	0.08	\$ 7,696.45	0.13	\$ 13,424.83	0.00	\$ 40.88	0.05	\$ 5,057.57

Subtotal		\$ 1,654,737.18		\$ 2,886,338.21		\$ 8,788.30		\$ 1,087,377.51
Contingency 10%		\$ 165,473.72		\$ 288,633.82		\$ 878.83		\$ 108,737.75
Total Estimate		\$ 1,820,210.90		\$ 3,174,972.03		\$ 9,667.13		\$ 1,196,115.27

Project ID	17	19	23	26
SubProject ID	50882	50893	51230	50871
Infrastructure Category	Sidewalk	Sidewalk	Sidewalk	Sidewalk
Description	Sub-Area KM2: Reconstruction of all sidewalks in sub-area	Sub-Area KM3: Reconstruction of all sidewalks in sub-area	Sub-Area MH2: Reconstruction of all sidewalks in sub-area	Sub-Area EJ5: Reconstruction of all sidewalks in sub-area
Assessment ID	KM2	KM3	MH2	EJ5
Approximate Maximum Sidewalk Length (ft)	15653	18105	20247	45435
2010 Sidewalk Length (ft)	0	2996	16407	41849
Sidewalk Reconstruction Anticipated (ft)	0	0	1003	3685
Sidewalk Missing or Not Continuous (ft)	9574	14250	3566	0
Sidewalk to be Demolished and Removed (ft)	0	2996	16407	41849
Sidewalk to be Constructed (ft)	9574	17246	19973	41849
Ramp Count (ea)	44	72	62	174
Drive Count (ea)	127	239	298	479



Site Preparation and Grading			
Item No.	Description	Unit Price	Units
809-00-03	MOBILIZATION (SIDEWALK PROJECT)	\$ 0.50	LF
801-00-02	CONSTRUCTION STAKING AND AS-BUILT (SIDEWALK)	\$ 1.75	LF
801-03-01	COLOR AUDIO/VIDEO RECORDING: PRE AND POST CONSTRUCTION	\$ 1.00	LF
802-00-02	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (SIDEWALK)	\$ 0.25	LF
810-00-01	CLEARING AND GRUBBING (SIDEWALK)	\$ 0.75	LF
816-01-01	REMOVE CONC. SIDEWALK	\$ 12.00	S.Y.
813-00	REMOVE DRIVEWAY	\$ 10.00	S.Y.
812-02	REMOVE CURB AND GUTTER	\$ 8.00	LF
200-00	UNCLASSIFIED EXCAVATION	\$ 12.00	CY

Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
	9,574.00	\$ 4,787.00	17,246.00	\$ 8,623.00	19,973.00	\$ 9,986.50	41,849.00	\$ 20,924.50
removal of misc site features (trees, signs, mailboxes, etc)	-	\$ -	2,996.00	\$ 2,247.00	16,407.00	\$ 12,305.25	41,849.00	\$ 31,386.75
4-ft width assumed	-	\$ -	1,331.56	\$ 15,978.67	7,292.00	\$ 87,504.00	18,599.56	\$ 223,194.67
20-ft width, 5-ft returns, replacement to r/w assumed	3,810.00	\$ 38,100.00	7,170.00	\$ 71,700.00	8,940.00	\$ 89,400.00	14,370.00	\$ 143,700.00
excluded from scope of work, included in associated street contract	-	\$ -	-	\$ -	-	\$ -	-	\$ -
6-ft width, 8-in deep (+ 50%)	2,106.28	\$ 25,275.36	3,794.12	\$ 45,529.44	4,394.06	\$ 52,728.72	9,206.78	\$ 110,481.36

Paving			
Item No.	Description	Unit Price	Units
823-03	6" P.C. CONC. DRIVEWAY (HES)	\$ 60.00	S.Y.
823-00-01	SIDEWALK (4" THICK)	\$ 50.00	S.Y.
830-02	ADA CURB RAMP	\$ 1,200.00	EA

Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
20-ft width, 5-ft returns, replacement to r/w assumed	3,810.00	\$ 228,600.00	7,170.00	\$ 430,200.00	8,940.00	\$ 536,400.00	14,370.00	\$ 862,200.00
5-ft width assumed, price includes sand base, driveway width excluded	3,907.78	\$ 195,388.89	6,925.56	\$ 346,277.78	7,785.00	\$ 389,250.00	17,927.22	\$ 896,361.11
includes tactile warning device / truncated dome panels	44.00	\$ 52,800.00	72.00	\$ 86,400.00	62.00	\$ 74,400.00	174.00	\$ 208,800.00

Erosion Control			
Item No.	Description	Unit Price	Units
900-07-02	EROSION CONTROL (SIDEWALK)	\$ 0.75	LF

Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
	9,574.00	\$ 7,180.50	17,246.00	\$ 12,934.50	19,973.00	\$ 14,979.75	41,849.00	\$ 31,386.75

Site Restoration and Project Close-Out			
Item No.	Description	Unit Price	Units
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.
810-00-02	SITE RESTORATION (SIDEWALK)	\$ 1.50	LF

Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
12-ft wide, less 5-ft sidewalk and driveway area	7,023.11	\$ 21,069.33	12,616.89	\$ 37,850.67	14,541.22	\$ 43,623.67	30,952.56	\$ 92,857.67
general site restoration (signs, mailboxes, structures)	9,574.00	\$ 14,361.00	17,246.00	\$ 25,869.00	19,973.00	\$ 29,959.50	41,849.00	\$ 62,773.50

Design and Testing			
Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS

Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
7% design fee assumed	0.43	\$ 43,139.89	0.79	\$ 79,474.36	0.98	\$ 98,031.95	1.97	\$ 196,672.93
0.5% testing and inspection fee assumed	0.03	\$ 3,081.42	0.06	\$ 5,676.74	0.07	\$ 7,002.28	0.14	\$ 14,048.07

Subtotal
Contingency 10%
Total Estimate

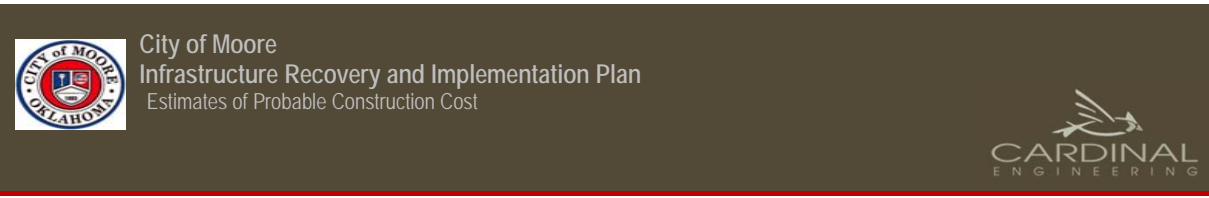
\$ 662,505.39
\$ 66,250.54
\$ 728,755.93

\$ 1,220,499.15
\$ 122,049.92
\$ 1,342,549.07

\$ 1,505,490.62
\$ 150,549.06
\$ 1,656,039.68

\$ 3,020,334.30
\$ 302,033.43
\$ 3,322,367.73

Project ID	26	33	35
SubProject ID	10014	50851	51237
Infrastructure Category	Sidewalk	Sidewalk	Sidewalk
Description	EJ5: pedestrian improvements @ SE 6th cul-de-sac, connection to Highland East	Sub-Area EJ6: Reconstruction of all sidewalks in sub-area	Sub-Area SM2: Reconstruction of all sidewalks in sub-area
Assessment ID	EJ5	EJ6	SM2
Approximate Maximum Sidewalk Length (ft)	0	5526	22346
2010 Sidewalk Length (ft)	0	4159	0
Sidewalk Reconstruction Anticipated (ft)	0	0	0
Sidewalk Missing or Not Continuous (ft)	150	4342	21206
Sidewalk to be Demolished and Removed (ft)	0	736	0
Sidewalk to be Constructed (ft)	150	5078	21206
Ramp Count (ea)	3	14	84
Drive Count (ea)	0	3	282



Site Preparation and Grading			
Item No.	Description	Unit Price	Units
809-00-03	MOBILIZATION (SIDEWALK PROJECT)	\$ 0.50	LF
801-00-02	CONSTRUCTION STAKING AND AS-BUILT (SIDEWALK)	\$ 1.75	LF
801-03-01	COLOR AUDIO/VIDEO RECORDING: PRE AND POST CONSTRUCTION	\$ 1.00	LF
802-00-02	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (SIDEWALK)	\$ 0.25	LF
810-00-01	CLEARING AND GRUBBING (SIDEWALK)	\$ 0.75	LF
816-01-01	REMOVE CONC. SIDEWALK	\$ 12.00	S.Y.
813-00	REMOVE DRIVEWAY	\$ 10.00	S.Y.
812-02	REMOVE CURB AND GUTTER	\$ 8.00	LF
200-00	UNCLASSIFIED EXCAVATION	\$ 12.00	CY

Site Preparation and Grading		\$ 921.00	\$ 36,556.25	\$ 214,804.84
Notes	Qty	Sub-Total	Qty	Sub-Total
	150.00	\$ 75.00	5,078.00	\$ 2,539.00
	150.00	\$ 262.50	5,078.00	\$ 8,886.50
	150.00	\$ 150.00	5,078.00	\$ 5,078.00
	150.00	\$ 37.50	5,078.00	\$ 1,269.50
removal of misc site features (trees, signs, mailboxes, etc)	-	\$ -	736.00	\$ 552.00
4-ft width assumed	-	\$ -	327.11	\$ 3,925.33
20-ft width, 5-ft returns, replacement to r/w assumed	-	\$ -	90.00	\$ 900.00
excluded from scope of work, included in associated street contract	-	\$ -	-	\$ -
6-ft width, 8-in deep (+ 50%)	33.00	\$ 396.00	1,117.16	\$ 13,405.92

Paving			
Item No.	Description	Unit Price	Units
823-03	6" P.C. CONC. DRIVEWAY (HES)	\$ 60.00	S.Y.
823-00-01	SIDEWALK (4" THICK)	\$ 50.00	S.Y.
830-02	ADA CURB RAMP	\$ 1,200.00	EA

Paving		\$ 7,766.67	\$ 161,588.89	\$ 1,040,788.89
Notes	Qty	Sub-Total	Qty	Sub-Total
20-ft width, 5-ft returns, replacement to r/w assumed	-	\$ -	90.00	\$ 5,400.00
5-ft width assumed, price includes sand base, driveway width excluded	83.33	\$ 4,166.67	2,787.78	\$ 139,388.89
includes tactile warning device / truncated dome panels	3.00	\$ 3,600.00	14.00	\$ 16,800.00

Erosion Control			
Item No.	Description	Unit Price	Units
900-07-02	EROSION CONTROL (SIDEWALK)	\$ 0.75	LF

Erosion Control		\$ 112.50	\$ 3,808.50	\$ 15,904.50
Notes	Qty	Sub-Total	Qty	Sub-Total
	150.00	\$ 112.50	5,078.00	\$ 3,808.50

Site Restoration and Project Close-Out			
Item No.	Description	Unit Price	Units
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.
810-00-02	SITE RESTORATION (SIDEWALK)	\$ 1.50	LF

Erosion Control		\$ 575.00	\$ 19,435.67	\$ 78,469.67
Notes	Qty	Sub-Total	Qty	Sub-Total
12-ft wide, less 5-ft sidewalk and driveway area	116.67	\$ 350.00	3,939.56	\$ 11,818.67
general site restoration (signs, mailboxes, structures)	150.00	\$ 225.00	5,078.00	\$ 7,617.00

Design and Testing			
Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS

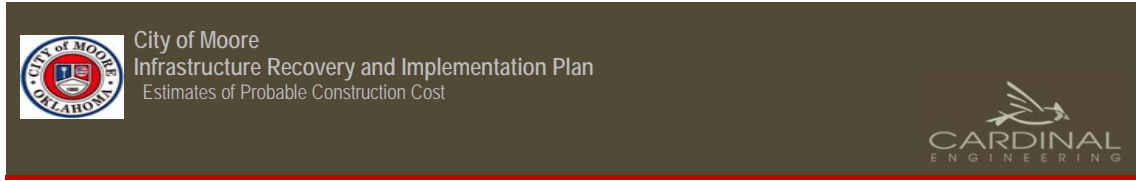
Design and Testing		\$ 3,281.31	\$ 16,604.20	\$ 101,247.59
Notes	Qty	Sub-Total	Qty	Sub-Total
7% design fee assumed	0.02	\$ 2,343.79	0.15	\$ 15,497.25
0.5% testing and inspection fee assumed	0.01	\$ 937.52	0.01	\$ 1,106.95

Subtotal
Contingency 10%
Total Estimate

\$ 12,656.48
\$ 1,265.65
\$ 13,922.12

\$ 237,993.51
\$ 23,799.35
\$ 261,792.86

\$ 1,451,215.49
\$ 145,121.55
\$ 1,596,337.04



Project ID	3	6	8	10	12
SubProject ID	50846	22806	23209	23212	23215
Infrastructure Category	Sanitary Sewer	Sanitary Sewer	Sanitary Sewer	Sanitary Sewer	Sanitary Sewer
Description	Sub-Area BW2: Replacement/rehab of all existing public sanitary sewer mains in sub-area	Sub-Area PT2: replacement/rehab of all existing public sanitary sewer mains	Sub-Area PT3: reconstruction/rehabilitation of public sanitary sewer system	Sub-Area PT4: reconstruction/rehabilitation of all public sanitary sewer	Sub-Area PT5: reconstruction/rehabilitation of public sanitary sewer system
Assessment ID	BW2	PT2	PT3	PT4	PT5
Total Sanitary Sewer Structure (ea)	42	31	47	25	69
Diameter: 12-in or greater (ft)	0	0	2688	0	1010
Diameter: 8-in to 12-in (ft)	11055	9134	6728	4410	15823
Diameter: 4-in to 6-in (ft)	0	127	0	0	2
Diameter: Unknown (ft)	0	0	0	0	0
Service Count (ea)	444	227	210	130	321

Site Preparation and Grading			
Item No.	Description	Unit Price	Units
809-00-01	MOBILIZATION (SANITARY SEWER PROJECT)	\$ 1.50	LF
801-02-01	PRE-CONSTRUCTION VIDEO OF SANITARY SEWER LINE	\$ 5.00	LF

Sanitary Sewer			
Item No.	Description	Unit Price	Units
615-00-01	PIPE BURSTING (DIAMETER UNKNOWN)	\$ 40.00	LF
615-00-02	PIPE BURSTING (4-IN TO 6-IN)	\$ 45.00	LF
615-00-03	PIPE BURSTING (8-IN TO 12-IN)	\$ 65.00	LF
615-00-04	PIPE BURSTING (12-IN OR GREATER)	\$ 75.00	LF
615-00-05	PIPE BURSTING (30-IN)	\$ 500.00	LF
611-00	SEWER SERVICE CONNECTION	\$ 325.00	EA
628-00	SANITARY SEWER MANHOLE REHABILITATION	\$ 135.00	V.F.
626-03	(6) SANITARY SEWER MANHOLE (0'-6')	\$ 4,500.00	EA
626-05	EXTRA DEPTH MANHOLE WALL (6')	\$ 500.00	V.F.

Site Restoration and Project Close-Out			
Item No.	Description	Unit Price	Units
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.

Design and Testing			
Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS

Site Preparation and Grading		\$ 71,857.50	\$ 60,196.50		\$ 61,204.00		\$ 28,665.00		\$ 109,427.50	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
	11,055	\$ 16,582.50	9,261	\$ 13,891.50	9,416	\$ 14,124.00	4,410	\$ 6,615.00	16,835	\$ 25,252.50
	11,055	\$ 55,275.00	9,261	\$ 46,305.00	9,416	\$ 47,080.00	4,410	\$ 22,050.00	16,835	\$ 84,175.00

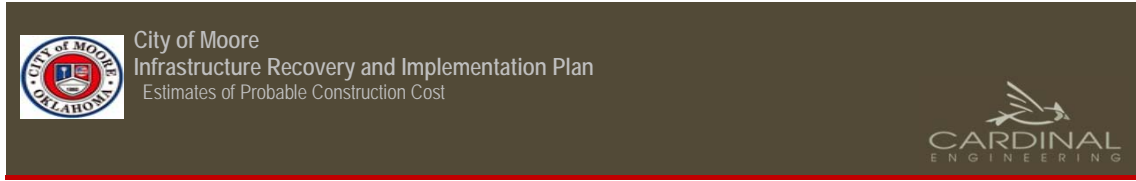
Sanitary Sewer		\$ 908,235.00	\$ 706,680.00		\$ 757,930.00		\$ 355,900.00		\$ 1,283,180.00	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -
	-	\$ -	127	\$ 5,715.00	-	\$ -	-	\$ -	2	\$ 90.00
	11,055	\$ 718,575.00	9,134	\$ 593,710.00	6,728	\$ 437,320.00	4,410	\$ 286,650.00	15,823	\$ 1,028,495.00
	-	\$ -	-	\$ -	2,688	\$ 201,600.00	-	\$ -	1,010	\$ 75,750.00
	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -
based on lot count	444	\$ 144,300.00	227	\$ 73,775.00	210	\$ 68,250.00	130	\$ 42,250.00	321	\$ 104,325.00
assume 8-ft depth, all structures	336	\$ 45,360.00	248	\$ 33,480.00	376	\$ 50,760.00	200	\$ 27,000.00	552	\$ 74,520.00
	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -
	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -

Site Restoration and Project Close-Out		\$ 7,290.00	\$ 3,870.00		\$ 3,855.00		\$ 2,325.00		\$ 5,850.00	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
assume 5-sq.yd. per manhole, 5-sq.yd. per service	2,430	\$ 7,290.00	1,290	\$ 3,870.00	1,285.00	\$ 3,855.00	775.00	\$ 2,325.00	1,950.00	\$ 5,850.00

Design and Testing		\$ 78,990.60	\$ 61,659.72		\$ 65,839.12		\$ 30,951.20		\$ 111,876.60	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
7% design fee assumed	0.69	\$ 69,116.78	0.54	\$ 53,952.26	0.58	\$ 57,609.23	0.27	\$ 27,082.30	0.98	\$ 97,892.03
1% testing and inspection fee assumed	0.10	\$ 9,873.83	0.08	\$ 7,707.47	0.08	\$ 8,229.89	0.04	\$ 3,868.90	0.14	\$ 13,984.58

Subtotal	\$ 1,066,373.10	\$ 832,406.22	\$ 888,828.12	\$ 417,841.20	\$ 1,510,334.10
Contingency 10%	\$ 106,637.31	\$ 83,240.62	\$ 88,882.81	\$ 41,784.12	\$ 151,033.41
Total Estimate	\$ 1,173,010.41	\$ 915,646.84	\$ 977,710.93	\$ 459,625.32	\$ 1,661,367.51

Project ID	14	16	18	22	25
SubProjectID	50884	51210	50886	51238	51229
Infrastructure Category	Sanitary Sewer	Sanitary Sewer	Sanitary Sewer	Sanitary Sewer	Sanitary Sewer
Description	Sub-Area EJ2: Replacement/rehab of all existing public sanitary sewer mains in sub-area	Sub-Area HW1: Replacement/rehab of all existing public sanitary sewer mains in sub-area	Sub-Area KM2: Replacement/rehab of all existing public sanitary sewer mains in sub-area	Sub-Area KM3: Replacement/rehab of all existing public sanitary sewer mains in sub-area	Sub-Area MH2: Replacement/rehab of all existing public sanitary sewer mains in sub-area
Assessment ID	EJ2	HW1	KM2	KM3	MH2
Total Sanitary Sewer Structure (ea)	101	53	30	50	85
Diameter: 12-in or greater (ft)	2104	0	1563	329	196
Diameter: 8-in to 12-in (ft)	20610	11687	4605	9554	12814
Diameter: 4-in to 6-in (ft)	0	0	0	101	36
Diameter: Unknown (ft)	0	0	0	0	0
Service Count (ea)	503	189	127	239	298



Site Preparation and Grading			
Item No.	Description	Unit Price	Units
809-00-01	MOBILIZATION (SANITARY SEWER PROJECT)	\$ 1.50	LF
801-02-01	PRE-CONSTRUCTION VIDEO OF SANITARY SEWER LINE	\$ 5.00	LF

Sanitary Sewer			
Item No.	Description	Unit Price	Units
615-00-01	PIPE BURSTING (DIAMETER UNKNOWN)	\$ 40.00	LF
615-00-02	PIPE BURSTING (4-IN TO 6-IN)	\$ 45.00	LF
615-00-03	PIPE BURSTING (8-IN TO 12-IN)	\$ 65.00	LF
615-00-04	PIPE BURSTING (12-IN OR GREATER)	\$ 75.00	LF
615-00-05	PIPE BURSTING (30-IN)	\$ 500.00	LF
611-00	SEWER SERVICE CONNECTION	\$ 325.00	EA
628-00	SANITARY SEWER MANHOLE REHABILITATION	\$ 135.00	V.F.
626-03	(6) SANITARY SEWER MANHOLE (0'-6')	\$ 4,500.00	EA
626-05	EXTRA DEPTH MANHOLE WALL (6')	\$ 500.00	V.F.

Site Restoration and Project Close-Out			
Item No.	Description	Unit Price	Units
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.

Design and Testing			
Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS

Subtotal
Contingency 10%
Total Estimate

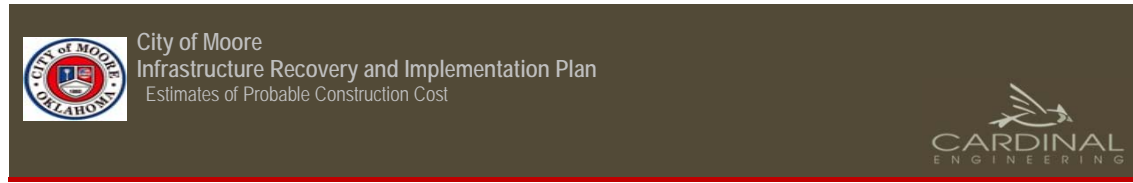
Site Preparation and Grading		\$ 147,641.00	\$ 75,965.50	\$ 40,092.00	\$ 64,896.00	\$ 84,799.00
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
	22,714	\$ 34,071.00	11,687	\$ 17,530.50	6,168	\$ 9,252.00
	22,714	\$ 113,570.00	11,687	\$ 58,435.00	6,168	\$ 30,840.00

Sanitary Sewer		\$ 1,770,005.00	\$ 878,320.00	\$ 490,225.00	\$ 781,905.00	\$ 1,037,880.00
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
	-	\$ -	-	\$ -	-	\$ -
	-	\$ -	-	\$ -	101	\$ 4,545.00
	20,610	\$ 1,339,650.00	11,687	\$ 759,655.00	4,605	\$ 299,325.00
	2,104	\$ 157,800.00	-	\$ -	1,563	\$ 117,225.00
	-	\$ -	-	\$ -	329	\$ 24,675.00
	-	\$ -	-	\$ -	-	\$ -
based on lot count	503	\$ 163,475.00	189	\$ 61,425.00	127	\$ 41,275.00
assume 8-ft depth, all structures	808	\$ 109,080.00	424	\$ 57,240.00	240	\$ 32,400.00
	-	\$ -	-	\$ -	-	\$ -
	-	\$ -	-	\$ -	-	\$ -

Site Restoration and Project Close-Out		\$ 9,060.00	\$ 3,630.00	\$ 2,355.00	\$ 4,335.00	\$ 5,745.00
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
assume 5-sq.yd. per manhole, 5-sq.yd. per service	3,020	\$ 9,060.00	1,210	\$ 3,630.00	785	\$ 2,355.00
					1,445	\$ 4,335.00
					1,915	\$ 5,745.00

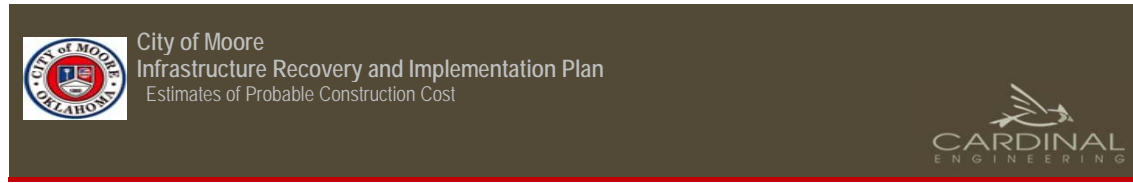
Design and Testing		\$ 154,136.48	\$ 76,633.24	\$ 42,613.76	\$ 68,090.88	\$ 90,273.92
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
7% design fee assumed	1.35	\$ 134,869.42	0.67	\$ 67,054.09	0.37	\$ 37,287.04
1% testing and inspection fee assumed	0.19	\$ 19,267.06	0.10	\$ 9,579.16	0.05	\$ 5,326.72
					0.60	\$ 59,579.52
					0.09	\$ 8,511.36
					0.79	\$ 78,989.68
					0.11	\$ 11,284.24

	\$ 2,080,842.48	\$ 1,034,548.74	\$ 575,285.76	\$ 919,226.88	\$ 1,218,697.92
	\$ 208,084.25	\$ 103,454.87	\$ 57,528.58	\$ 91,922.69	\$ 121,869.79
	\$ 2,288,926.73	\$ 1,138,003.61	\$ 632,814.34	\$ 1,011,149.57	\$ 1,340,567.71



Site Preparation and Grading			
Item No.	Description	Unit Price	Units
809-00-01	MOBILIZATION (SANITARY SEWER PROJECT)	\$ 1.50	LF
801-02-01	PRE-CONSTRUCTION VIDEO OF SANITARY SEWER LINE	\$ 5.00	LF
Sanitary Sewer			
Item No.	Description	Unit Price	Units
615-00-01	PIPE BURSTING (DIAMETER UNKNOWN)	\$ 40.00	LF
615-00-02	PIPE BURSTING (4-IN TO 6-IN)	\$ 45.00	LF
615-00-03	PIPE BURSTING (8-IN TO 12-IN)	\$ 65.00	LF
615-00-04	PIPE BURSTING (12-IN OR GREATER)	\$ 75.00	LF
615-00-05	PIPE BURSTING (30-IN)	\$ 500.00	LF
611-00	SEWER SERVICE CONNECTION	\$ 325.00	EA
628-00	SANITARY SEWER MANHOLE REHABILITATION	\$ 135.00	V.F.
626-03	(6) SANITARY SEWER MANHOLE (0'-6')	\$ 4,500.00	EA
626-05	EXTRA DEPTH MANHOLE WALL (6')	\$ 500.00	V.F.
Site Restoration and Project Close-Out			
Item No.	Description	Unit Price	Units
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.
Design and Testing			
Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS
		Subtotal	
		Contingency 10%	
		Total Estimate	

Project ID	27	34	36	46				
SubProject ID	50864	51214	51236	54808				
Infrastructure Category	Sanitary Sewer	Sanitary Sewer	Sanitary Sewer	Sanitary Sewer				
Description	Sub-Area EJ5: Replacement/rehab of all existing public sanitary sewer mains in sub-area	Sub-Area EJ6: Replacement/rehab of all existing public sanitary sewer mains in sub-area	Sub-Area SM2: Replacement/rehab of all existing public sanitary sewer mains in sub-area	LR1: relocation of sanitary sewer interceptor at Little River Park				
Assessment ID	EJ5	EJ6	SM2	LR1				
Total Sanitary Sewer Structure (ea)	140	12	48	7				
Diameter: 12-in or greater (ft)	824	4113	364	4200				
Diameter: 8-in to 12-in (ft)	22988	19	11146					
Diameter: 4-in to 6-in (ft)	0	0	0					
Diameter: Unknown (ft)	0	0	0					
Service Count (ea)	479	1	282					
Site Preparation and Grading		\$ 154,778.00	\$ 26,858.00	\$ 74,815.00	\$ 27,300.00			
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
	23,812	\$ 35,718.00	4,132	\$ 6,198.00	11,510	\$ 17,265.00	4,200	\$ 6,300.00
	23,812	\$ 119,060.00	4,132	\$ 20,660.00	11,510	\$ 57,550.00	4,200	\$ 21,000.00
Sanitary Sewer		\$ 1,862,895.00	\$ 322,995.00	\$ 895,280.00	\$ 2,159,500.00			
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
	-	\$ -	-	\$ -	-	\$ -	-	\$ -
	-	\$ -	-	\$ -	-	\$ -	-	\$ -
	22,988	\$ 1,494,220.00	19	\$ 1,235.00	11,146	\$ 724,490.00	-	\$ -
	824	\$ 61,800.00	4,113	\$ 308,475.00	364	\$ 27,300.00	-	\$ -
	-	\$ -	-	\$ -	-	\$ -	4,200	\$ 2,100,000.00
based on lot count	479	\$ 155,675.00	1	\$ 325.00	282	\$ 91,650.00	-	\$ -
assume 8-ft depth, all structures	1,120	\$ 151,200.00	96	\$ 12,960.00	384	\$ 51,840.00	-	\$ -
	-	\$ -	-	\$ -	-	\$ -	7	\$ 31,500.00
	-	\$ -	-	\$ -	-	\$ -	56	\$ 28,000.00
Site Restoration and Project Close-Out		\$ 9,285.00	\$ 195.00	\$ 4,950.00	\$ 12,000.00			
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
assume 5-sq.yd. per manhole, 5-sq.yd. per service	3,095	\$ 9,285.00	65	\$ 195.00	1,650	\$ 4,950.00	4,000	\$ 12,000.00
Design and Testing		\$ 162,156.64	\$ 28,003.84	\$ 78,003.60	\$ 30,000.00			
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
7% design fee assumed	1.42	\$ 141,887.06	0.25	\$ 24,503.36	0.68	\$ 68,253.15	0.20	\$ 20,000.00
1% testing and inspection fee assumed	0.20	\$ 20,269.58	0.04	\$ 3,500.48	0.10	\$ 9,750.45	0.10	\$ 10,000.00
		\$ 2,189,114.64	\$ 378,051.84	\$ 1,053,048.60	\$ 2,228,800.00			
		\$ 218,911.46	\$ 37,805.18	\$ 105,304.86	\$ 222,880.00			
		\$ 2,408,026.10	\$ 415,857.02	\$ 1,158,353.46	\$ 2,451,680.00			



Site Preparation and Grading			
Item No.	Description	Unit Price	Units
809-00-06	MOBILIZATION (DRAINAGE PROJECT)	\$ 10.00	LF
801-00-05	CONSTRUCTION STAKING AND AS-BUILT (DRAINAGE)	\$ 2.50	LF
801-03-01	COLOR AUDIO/VIDEO RECORDING: PRE AND POST CONSTRUCTION	\$ 1.00	LF
802-00-06	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (DRAINAGE)	\$ 2.00	LF
810-00-07	CLEARING AND GRUBBING (DRAINAGE, CHANNEL)	\$ 10.00	LF
810-00-08	CLEARING AND GRUBBING (DRAINAGE, STORM SEWER)	\$ 5.00	LF
811-00-01	STRUCTURE REMOVAL (DRAINAGE STRUCTURE)	\$ 1,500.00	EA.
811-04-01	REMOVE STORM SEWER	\$ 20.00	LF

Storm Sewer			
Item No.	Description	Unit Price	Units
404-00-01	DRAINAGE STRUCTURES	\$ 100,000.00	LS
212-01	TRENCH EXCAVATION AND BACKFILL	\$ 10.00	LF
215-01	EMBEDMENT MATERIAL	\$ 45.00	CY
453-00	REINFORCED CONCRETE PIPE (18 INCHES)	\$ 65.00	LF
453-01	REINFORCED CONCRETE PIPE (24 INCHES)	\$ 90.00	LF
453-02	REINFORCED CONCRETE PIPE (36 INCHES)	\$ 120.00	LF
100-01-04	MISCELLANEOUS IMPROVEMENTS (DRAINAGE)	\$ 100,000.00	LS

Erosion Control			
Item No.	Description	Unit Price	Units
900-07-05	EROSION CONTROL (DRAINAGE)	\$ 2.50	LF

Site Restoration and Project Close-Out			
Item No.	Description	Unit Price	Units
810-00-09	SITE RESTORATION (DRAINAGE)	\$ 5.00	LF
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.

Design and Testing			
Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS

Subtotal
Contingency 10%
Total Estimate

Project ID	1	1	4	4
SubProject ID	10009	51206	22808	6001
Infrastructure Category	Drainage	Drainage	Drainage	Drainage
Description	BW2: drainage improvements in vicinity of common area	Sub-Area BW2: Construction of new public storm sewer throughout sub-area	Sub-Area PT2: construction of new public storm sewer throughout area	improvements to storm sewer at termination of Penn Lane, backyard of lots on SW 16th
Assessment ID	BW2	BW2	PT2	PT2
Existing Storm Sewer Length (ft)	268	268	159	159
Existing Drainage Channel Length (ft)	1685	1685	0	0
Existing Storm Sewer Structures (ea)	8	7	1	1
Ex. Manholes Ex. Headwalls	2 3	2 3	0 0	2 3
Ex. Street Inlets Ex. Curb Inlets	1 2	1 2	0 0	1 2
Proposed Storm Sewer Length (ft)	Not Applicable	536	3159	Not Applicable
Proposed Drainage Channel Length (ft)	Not Applicable	1685	0	Not Applicable
Proposed Storm Sewer Structures (ea)	Not Applicable	14	12	Not Applicable

Site Preparation and Grading		\$ 37,500.00	\$ 71,315.50	\$ 67,939.50	\$ 18,750.00
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty
based on length of proposed improvements unless otherwise indicated	1,500.00	\$ 15,000.00	2,221.00	\$ 22,210.00	3,159.00
based on length of proposed improvements unless otherwise indicated	6,000.00	\$ 15,000.00	2,221.00	\$ 5,552.50	3,159.00
based on length of proposed improvements unless otherwise indicated	1,500.00	\$ 1,500.00	2,221.00	\$ 2,221.00	3,159.00
based on length of proposed improvements unless otherwise indicated	3,000.00	\$ 6,000.00	2,221.00	\$ 4,442.00	3,159.00
	-	\$ -	1,685.00	\$ 16,850.00	-
	-	\$ -	536.00	\$ 2,680.00	3,159.00
	-	\$ -	8.00	\$ 12,000.00	-
	-	\$ -	268.00	\$ 5,360.00	159.00

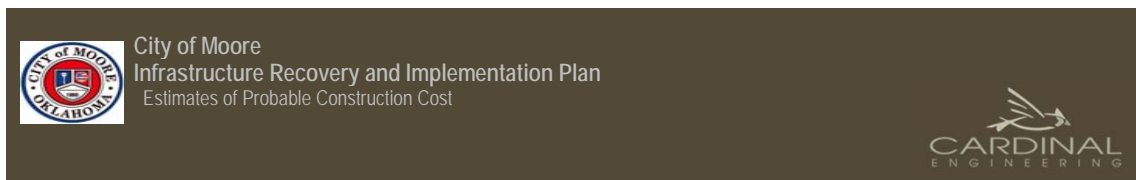
Storm Sewer		\$ 300,000.00	\$ 164,838.33	\$ 155,572.50	\$ 150,000.00
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty
bid price for reconstruction of ex. structures x (prop. structures / ex. structures) or prop. structure coun	-	\$ -	1.12	\$ 112,000.00	0.84
	-	\$ -	536.00	\$ 5,360.00	3,159.00
	-	\$ -	49.63	\$ 2,233.33	292.50
	-	\$ -	223.00	\$ 14,495.00	132.00
	-	\$ -	223.00	\$ 20,070.00	132.00
	-	\$ -	89.00	\$ 10,680.00	53.00
	3.00	\$ 300,000.00	-	\$ -	1.50

Erosion Control		\$ 9,000.00	\$ 5,552.50	\$ 7,897.50	\$ 4,500.00
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty
based on length of proposed improvements unless otherwise indicated	3,600.00	\$ 9,000.00	2,221.00	\$ 5,552.50	3,159.00

Erosion Control		\$ 30,000.00	\$ 11,105.00	\$ 15,795.00	\$ 15,000.00
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty
based on length of proposed improvements unless otherwise indicated	3,000.00	\$ 15,000.00	2,221.00	\$ 11,105.00	3,159.00
carried in associated sidewalk project unless otherwise noted	5,000.00	\$ 15,000.00	-	\$ -	2,500.00

Design and Testing		\$ 30,120.00	\$ 20,224.91	\$ 19,776.36	\$ 15,060.00
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty
based on percentage of construction cost	0.26	\$ 26,355.00	0.18	\$ 17,696.79	0.17
based on percentage of construction cost	0.04	\$ 3,765.00	0.03	\$ 2,528.11	0.02

Subtotal
Contingency
Total Estimate



Project ID	7	7	9	11
SubProject ID	23207	10026	23606	23608
Infrastructure Category	Drainage	Drainage	Drainage	Drainage
Description	Sub-Area PT3: construction of new public storm sewer as required	Lake Edge Restoration/ Beautification/Screen residential from commercial	Sub-Area PT4: public storm sewer improvements as required	Sub-Area PT5: construction of new public storm sewer as required
Assessment ID	PT3	PT3	PT4	PT5
Existing Storm Sewer Length (ft)	1567	1567	0	1569
Existing Drainage Channel Length (ft)	1389	1389	0	2217
Existing Storm Sewer Structures (ea)	20	20	0	20
Ex. Manholes Ex. Headwalls	2 5	2 3	0 0	0 0
Ex. Street Inlets Ex. Curb Inlets	0 13	1 2	0 0	0 0
Proposed Storm Sewer Length (ft)	3134	Not Applicable	1000	3138
Proposed Drainage Channel Length (ft)	1389	Not Applicable	0	2217
Proposed Storm Sewer Structures (ea)	40	Not Applicable	10	40

Site Preparation and Grading			
Item No.	Description	Unit Price	Units
809-00-06	MOBILIZATION (DRAINAGE PROJECT)	\$ 10.00	LF
801-00-05	CONSTRUCTION STAKING AND AS-BUILT (DRAINAGE)	\$ 2.50	LF
801-03-01	COLOR AUDIO/VIDEO RECORDING: PRE AND POST CONSTRUCTION	\$ 1.00	LF
802-00-06	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (DRAINAGE)	\$ 2.00	LF
810-00-07	CLEARING AND GRUBBING (DRAINAGE, CHANNEL)	\$ 10.00	LF
810-00-08	CLEARING AND GRUBBING (DRAINAGE, STORM SEWER)	\$ 5.00	LF
811-00-01	STRUCTURE REMOVAL (DRAINAGE STRUCTURE)	\$ 1,500.00	EA.
811-04-01	REMOVE STORM SEWER	\$ 20.00	LF

Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
based on length of proposed improvements unless otherwise indicated	4,523.00	\$ 45,230.00	1,750.00	\$ 17,500.00	1,000.00	\$ 10,000.00	5,355.00	\$ 53,550.00
based on length of proposed improvements unless otherwise indicated	4,523.00	\$ 11,307.50	7,000.00	\$ 17,500.00	1,000.00	\$ 2,500.00	5,355.00	\$ 13,387.50
based on length of proposed improvements unless otherwise indicated	4,523.00	\$ 4,523.00	1,750.00	\$ 1,750.00	1,000.00	\$ 1,000.00	5,355.00	\$ 5,355.00
based on length of proposed improvements unless otherwise indicated	4,523.00	\$ 9,046.00	3,500.00	\$ 7,000.00	1,000.00	\$ 2,000.00	5,355.00	\$ 10,710.00
	1,389.00	\$ 13,890.00	-	\$ -	-	\$ -	2,217.00	\$ 22,170.00
	3,134.00	\$ 15,670.00	-	\$ -	1,000.00	\$ 5,000.00	3,138.00	\$ 15,690.00
	20.00	\$ 30,000.00	-	\$ -	-	\$ -	-	\$ -
	1,567.00	\$ 31,340.00	-	\$ -	-	\$ -	1,569.00	\$ 31,380.00

Storm Sewer			
Item No.	Description	Unit Price	Units
404-00-01	DRAINAGE STRUCTURES	\$ 100,000.00	LS
212-01	TRENCH EXCAVATION AND BACKFILL	\$ 10.00	LF
215-01	EMBEDMENT MATERIAL	\$ 45.00	CY
453-00	REINFORCED CONCRETE PIPE (18 INCHES)	\$ 65.00	LF
453-01	REINFORCED CONCRETE PIPE (24 INCHES)	\$ 90.00	LF
453-02	REINFORCED CONCRETE PIPE (36 INCHES)	\$ 120.00	LF
100-01-04	MISCELLANEOUS IMPROVEMENTS (DRAINAGE)	\$ 100,000.00	LS

Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
bid price for reconstruction of ex. structures x (prop. structures / ex. structures) or prop. structure coun	2.80	\$ 280,000.00	-	\$ -	0.70	\$ 70,000.00	2.80	\$ 280,000.00
	3,134.00	\$ 31,340.00	-	\$ -	1,000.00	\$ 10,000.00	3,138.00	\$ 31,380.00
	290.19	\$ 13,058.33	-	\$ -	18.52	\$ 833.33	290.56	\$ 13,075.00
	1,301.00	\$ 84,565.00	-	\$ -	333.30	\$ 21,664.50	1,303.00	\$ 84,695.00
	1,301.00	\$ 117,090.00	-	\$ -	333.30	\$ 29,997.00	1,303.00	\$ 117,270.00
	518.00	\$ 62,160.00	-	\$ -	333.30	\$ 39,996.00	518.00	\$ 62,160.00
	-	\$ -	3.50	\$ 350,000.00	-	\$ -	-	\$ -

Erosion Control			
Item No.	Description	Unit Price	Units
900-07-05	EROSION CONTROL (DRAINAGE)	\$ 2.50	LF

Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
based on length of proposed improvements unless otherwise indicated	4,523.00	\$ 11,307.50	4,200.00	\$ 10,500.00	1,000.00	\$ 2,500.00	5,355.00	\$ 13,387.50

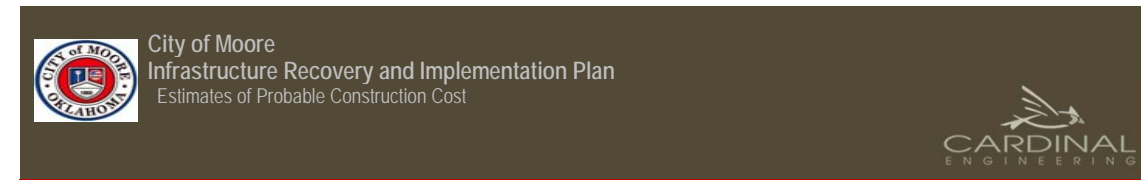
Site Restoration and Project Close-Out			
Item No.	Description	Unit Price	Units
810-00-09	SITE RESTORATION (DRAINAGE)	\$ 5.00	LF
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.

Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
based on length of proposed improvements unless otherwise indicated	4,523.00	\$ 22,615.00	3,500.00	\$ 17,500.00	1,000.00	\$ 5,000.00	5,355.00	\$ 26,775.00
carried in associated sidewalk project unless otherwise noted	-	\$ -	5,833.33	\$ 17,500.00	-	\$ -	-	\$ -

Design and Testing			
Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS

Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
based on percentage of construction cost	0.55	\$ 54,819.96	0.31	\$ 30,747.50	0.14	\$ 14,034.36	0.55	\$ 54,668.95
based on percentage of construction cost	0.08	\$ 7,831.42	0.04	\$ 4,392.50	0.02	\$ 2,004.91	0.08	\$ 7,809.85

Subtotal	\$ 845,793.72	\$ 474,390.00	\$ 216,530.10	\$ 843,463.80
Contingency 10%	\$ 84,579.37	\$ 47,439.00	\$ 21,653.01	\$ 84,346.38
Total Estimate	\$ 930,373.09	\$ 521,829.00	\$ 238,183.11	\$ 927,810.18



Site Preparation and Grading			
Item No.	Description	Unit Price	Units
809-00-06	MOBILIZATION (DRAINAGE PROJECT)	\$ 10.00	LF
801-00-05	CONSTRUCTION STAKING AND AS-BUILT (DRAINAGE)	\$ 2.50	LF
801-03-01	COLOR AUDIO/VIDEO RECORDING: PRE AND POST CONSTRUCTION	\$ 1.00	LF
802-00-06	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (DRAINAGE)	\$ 2.00	LF
810-00-07	CLEARING AND GRUBBING (DRAINAGE, CHANNEL)	\$ 10.00	LF
810-00-08	CLEARING AND GRUBBING (DRAINAGE, STORM SEWER)	\$ 5.00	LF
811-00-01	STRUCTURE REMOVAL (DRAINAGE STRUCTURE)	\$ 1,500.00	EA.
811-04-01	REMOVE STORM SEWER	\$ 20.00	LF

Storm Sewer			
Item No.	Description	Unit Price	Units
404-00-01	DRAINAGE STRUCTURES	\$ 100,000.00	LS
212-01	TRENCH EXCAVATION AND BACKFILL	\$ 10.00	LF
215-01	EMBEDMENT MATERIAL	\$ 45.00	CY
453-00	REINFORCED CONCRETE PIPE (18 INCHES)	\$ 65.00	LF
453-01	REINFORCED CONCRETE PIPE (24 INCHES)	\$ 90.00	LF
453-02	REINFORCED CONCRETE PIPE (36 INCHES)	\$ 120.00	LF
100-01-04	MISCELLANEOUS IMPROVEMENTS (DRAINAGE)	\$ 100,000.00	LS

Erosion Control			
Item No.	Description	Unit Price	Units
900-07-05	EROSION CONTROL (DRAINAGE)	\$ 2.50	LF

Site Restoration and Project Close-Out			
Item No.	Description	Unit Price	Units
810-00-09	SITE RESTORATION (DRAINAGE)	\$ 5.00	LF
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.

Design and Testing			
Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS

Subtotal			
Contingency	10%		
Total Estimate			

Project ID	11	11	13	13
SubProject ID	3218	12892	9609	50883
Infrastructure Category	Drainage	Drainage	Drainage	Drainage
Description	PT5: concrete channel replacement	PT5: drainage improvements, termination of SW 8th Street	EJ2: drainage improvements @ SE 8th and Patterson Drive	EJ2: Replacement of all existing storm sewer in sub-area
Assessment ID	PT5	PT5	EJ2	EJ2
Existing Storm Sewer Length (ft)	1569	1569	3775	3775
Existing Drainage Channel Length (ft)	2217	2217	1337	1337
Existing Storm Sewer Structures (ea)	20	20	37	37
Ex. Manholes Ex. Headwalls	0	0		0
Ex. Street Inlets Ex. Curb Inlets	0	0		0
Proposed Storm Sewer Length (ft)	3138	Not Applicable	Not Applicable	7550
Proposed Drainage Channel Length (ft)	2217	Not Applicable	Not Applicable	1337
Proposed Storm Sewer Structures (ea)	40	Not Applicable	Not Applicable	74

Site Preparation and Grading		\$ 62,500.00	\$ 18,750.00	\$ 15,625.00	\$ 264,368.50
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty
based on length of proposed improvements unless otherwise indicated	2,500.00	\$ 25,000.00	750.00	\$ 7,500.00	625.00
based on length of proposed improvements unless otherwise indicated	10,000.00	\$ 25,000.00	3,000.00	\$ 7,500.00	2,500.00
based on length of proposed improvements unless otherwise indicated	2,500.00	\$ 2,500.00	750.00	\$ 750.00	625.00
based on length of proposed improvements unless otherwise indicated	5,000.00	\$ 10,000.00	1,500.00	\$ 3,000.00	1,250.00
	-	\$ -	-	\$ -	-
	-	\$ -	-	\$ -	-
	-	\$ -	-	\$ -	-
	-	\$ -	-	\$ -	-
	-	\$ -	-	\$ -	-
	-	\$ -	-	\$ -	-
	-	\$ -	-	\$ -	-

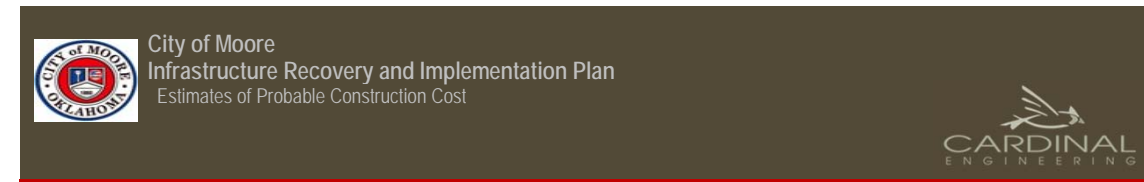
Storm Sewer		\$ 500,000.00	\$ 150,000.00	\$ 125,000.00	\$ 1,263,668.33
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty
bid price for reconstruction of ex. structures x (prop. structures / ex. structures) or prop. structure coun	-	\$ -	-	\$ -	5.18
	-	\$ -	-	\$ -	7,550.00
	-	\$ -	-	\$ -	699.07
	-	\$ -	-	\$ -	3,146.00
	-	\$ -	-	\$ -	3,146.00
	-	\$ -	-	\$ -	1,259.00
	5.00	\$ 500,000.00	1.50	\$ 150,000.00	1.25

Erosion Control		\$ 15,000.00	\$ 4,500.00	\$ 3,750.00	\$ 22,217.50
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty
based on length of proposed improvements unless otherwise indicated	6,000.00	\$ 15,000.00	1,800.00	\$ 4,500.00	1,500.00

Erosion Control		\$ 50,000.00	\$ 15,000.00	\$ 12,500.00	\$ 44,435.00
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty
based on length of proposed improvements unless otherwise indicated	5,000.00	\$ 25,000.00	1,500.00	\$ 7,500.00	1,250.00
carried in associated sidewalk project unless otherwise noted	8,333.33	\$ 25,000.00	2,500.00	\$ 7,500.00	2,083.33

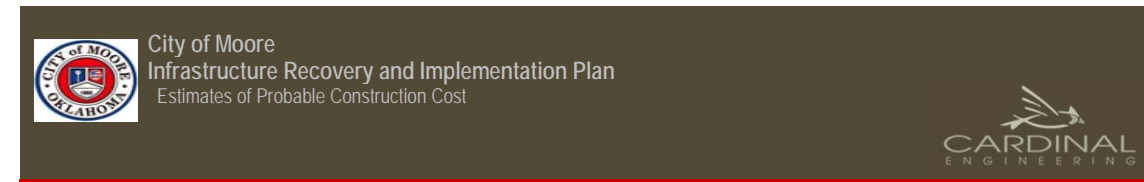
Design and Testing		\$ 50,200.00	\$ 15,060.00	\$ 12,550.00	\$ 127,575.15
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty
based on percentage of construction cost	0.44	\$ 43,925.00	0.13	\$ 13,177.50	0.11
based on percentage of construction cost	0.06	\$ 6,275.00	0.02	\$ 1,882.50	0.02

Subtotal		\$ 677,700.00	\$ 203,310.00	\$ 169,425.00	\$ 1,722,264.48
Contingency	10%	\$ 67,770.00	\$ 20,331.00	\$ 16,942.50	\$ 172,226.45
Total Estimate		\$ 745,470.00	\$ 223,641.00	\$ 186,367.50	\$ 1,894,490.93



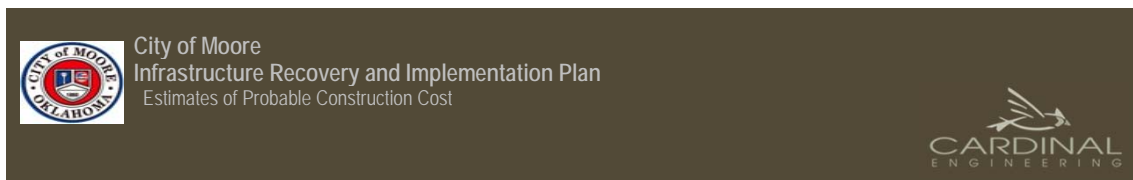
Site Preparation and Grading			
Item No.	Description	Unit Price	Units
809-00-06	MOBILIZATION (DRAINAGE PROJECT)	\$ 10.00	LF
801-00-05	CONSTRUCTION STAKING AND AS-BUILT (DRAINAGE)	\$ 2.50	LF
801-03-01	COLOR AUDIO/VIDEO RECORDING: PRE AND POST CONSTRUCTION	\$ 1.00	LF
802-00-06	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (DRAINAGE)	\$ 2.00	LF
810-00-07	CLEARING AND GRUBBING (DRAINAGE, CHANNEL)	\$ 10.00	LF
810-00-08	CLEARING AND GRUBBING (DRAINAGE, STORM SEWER)	\$ 5.00	LF
811-00-01	STRUCTURE REMOVAL (DRAINAGE STRUCTURE)	\$ 1,500.00	EA.
811-04-01	REMOVE STORM SEWER	\$ 20.00	LF
Storm Sewer			
Item No.	Description	Unit Price	Units
404-00-01	DRAINAGE STRUCTURES	\$ 100,000.00	LS
212-01	TRENCH EXCAVATION AND BACKFILL	\$ 10.00	LF
215-01	EMBEDMENT MATERIAL	\$ 45.00	CY
453-00	REINFORCED CONCRETE PIPE (18 INCHES)	\$ 65.00	LF
453-01	REINFORCED CONCRETE PIPE (24 INCHES)	\$ 90.00	LF
453-02	REINFORCED CONCRETE PIPE (36 INCHES)	\$ 120.00	LF
100-01-04	MISCELLANEOUS IMPROVEMENTS (DRAINAGE)	\$ 100,000.00	LS
Erosion Control			
Item No.	Description	Unit Price	Units
900-07-05	EROSION CONTROL (DRAINAGE)	\$ 2.50	LF
Site Restoration and Project Close-Out			
Item No.	Description	Unit Price	Units
810-00-09	SITE RESTORATION (DRAINAGE)	\$ 5.00	LF
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.
Design and Testing			
Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS
Subtotal			
Contingency			10%
Total Estimate			

Project ID	15	17	19	23
SubProject ID	51209	50889	51239	51228
Infrastructure Category	Drainage	Drainage	Drainage	Drainage
Description	Sub-Area HW1: Construction of new public storm sewer throughout sub-area	Sub-Area KM2: Construction of new public storm sewer throughout sub-area	Sub-Area KM3: Construction of new public storm sewer throughout sub-area	Sub-Area MH2: Construction of new public storm sewer throughout sub-area
Assessment ID	HW1	KM2	KM3	MH2
Existing Storm Sewer Length (ft)	1126	78	413	1724
Existing Drainage Channel Length (ft)	313	1643	0	2192
Existing Storm Sewer Structures (ea)	11	9	7	22
Ex. Manholes Ex. Headwalls	0	0	0	0
Ex. Street Inlets Ex. Curb Inlets	0	0	0	0
Proposed Storm Sewer Length (ft)	2252	1000	826	2069
Proposed Drainage Channel Length (ft)	313	1643	0	2192
Proposed Storm Sewer Structures (ea)	22	18	14	26
Site Preparation and Grading	\$ 76,667.50	\$ 63,956.50	\$ 25,193.00	\$ 132,786.40
Notes	Qty	Sub-Total	Qty	Sub-Total
based on length of proposed improvements unless otherwise indicated	2,565.00	\$ 25,650.00	2,643.00	\$ 26,430.00
based on length of proposed improvements unless otherwise indicated	2,565.00	\$ 6,412.50	2,643.00	\$ 6,607.50
based on length of proposed improvements unless otherwise indicated	2,565.00	\$ 2,565.00	2,643.00	\$ 2,643.00
based on length of proposed improvements unless otherwise indicated	2,565.00	\$ 5,130.00	2,643.00	\$ 5,286.00
	313.00	\$ 3,130.00	1,643.00	\$ 16,430.00
	2,252.00	\$ 11,260.00	1,000.00	\$ 5,000.00
	-	\$ -	-	\$ -
	1,126.00	\$ 22,520.00	78.00	\$ 1,560.00
Storm Sewer	\$ 376,568.33	\$ 231,845.17	\$ 179,306.67	\$ 504,193.00
Notes	Qty	Sub-Total	Qty	Sub-Total
bid price for reconstruction of ex. structures x (prop. structures / ex. structures) or prop. structure coun	1.54	\$ 154,000.00	1.26	\$ 126,000.00
	2,252.00	\$ 22,520.00	1,000.00	\$ 10,000.00
	208.52	\$ 9,383.33	92.59	\$ 4,166.67
	939.00	\$ 61,035.00	333.30	\$ 21,664.50
	939.00	\$ 84,510.00	333.00	\$ 29,970.00
	376.00	\$ 45,120.00	333.70	\$ 40,044.00
	-	\$ -	-	\$ -
Erosion Control	\$ 6,412.50	\$ 6,607.50	\$ 2,065.00	\$ 10,652.00
Notes	Qty	Sub-Total	Qty	Sub-Total
based on length of proposed improvements unless otherwise indicated	2,565.00	\$ 6,412.50	2,643.00	\$ 6,607.50
based on length of proposed improvements unless otherwise indicated	2,565.00	\$ 12,825.00	2,643.00	\$ 13,215.00
carried in associated sidewalk project unless otherwise noted	-	\$ -	-	\$ -
Design and Testing	\$ 37,797.87	\$ 25,249.93	\$ 16,855.57	\$ 53,514.83
Notes	Qty	Sub-Total	Qty	Sub-Total
based on percentage of construction cost	0.33	\$ 33,073.13	0.22	\$ 22,093.69
based on percentage of construction cost	0.05	\$ 4,724.73	0.03	\$ 3,156.24
		\$ 510,271.20		\$ 340,874.10
		\$ 51,027.12		\$ 34,087.41
		\$ 561,298.32		\$ 374,961.51
		\$ 227,550.24		\$ 147,488.63
		\$ 22,755.02		\$ 2,106.95
		\$ 722,450.23		\$ 46,825.48
		\$ 72,245.02		\$ 6,689.35
		\$ 794,695.26		\$ 53,514.83



Site Preparation and Grading			
Item No.	Description	Unit Price	Units
809-00-06	MOBILIZATION (DRAINAGE PROJECT)	\$ 10.00	LF
801-00-05	CONSTRUCTION STAKING AND AS-BUILT (DRAINAGE)	\$ 2.50	LF
801-03-01	COLOR AUDIO/VIDEO RECORDING: PRE AND POST CONSTRUCTION	\$ 1.00	LF
802-00-06	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (DRAINAGE)	\$ 2.00	LF
810-00-07	CLEARING AND GRUBBING (DRAINAGE, CHANNEL)	\$ 10.00	LF
810-00-08	CLEARING AND GRUBBING (DRAINAGE, STORM SEWER)	\$ 5.00	LF
811-00-01	STRUCTURE REMOVAL (DRAINAGE STRUCTURE)	\$ 1,500.00	EA.
811-04-01	REMOVE STORM SEWER	\$ 20.00	LF
Storm Sewer			
Item No.	Description	Unit Price	Units
404-00-01	DRAINAGE STRUCTURES	\$ 100,000.00	LS
212-01	TRENCH EXCAVATION AND BACKFILL	\$ 10.00	LF
215-01	EMBEDMENT MATERIAL	\$ 45.00	CY
453-00	REINFORCED CONCRETE PIPE (18 INCHES)	\$ 65.00	LF
453-01	REINFORCED CONCRETE PIPE (24 INCHES)	\$ 90.00	LF
453-02	REINFORCED CONCRETE PIPE (36 INCHES)	\$ 120.00	LF
100-01-04	MISCELLANEOUS IMPROVEMENTS (DRAINAGE)	\$ 100,000.00	LS
Erosion Control			
Item No.	Description	Unit Price	Units
900-07-05	EROSION CONTROL (DRAINAGE)	\$ 2.50	LF
Site Restoration and Project Close-Out			
Item No.	Description	Unit Price	Units
810-00-09	SITE RESTORATION (DRAINAGE)	\$ 5.00	LF
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.
Design and Testing			
Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS
Subtotal			
Contingency			10%
Total Estimate			

Project ID	26	28	30	31				
SubProject ID	51216	50855	10012	9607				
Infrastructure Category	Drainage	Drainage	Drainage	Drainage				
Description	Sub-Area EJ5: Construction of new public storm sewer throughout sub-area	BA2: channel maintenance and improvements, east side of S Bryant Ave	MH1: drainage channel improvements, east of Hunter's Glenn area	N4D: replacement of drainage structure, east side of S. Bryant intersection				
Assessment ID	EJ5	BA2	MH1	N4D				
Existing Storm Sewer Length (ft)	3865	521	313	4533				
Existing Drainage Channel Length (ft)	0	884	1320	66				
Existing Storm Sewer Structures (ea)	31	9	7	42				
Ex. Manholes Ex. Headwalls	0	0						
Ex. Street Inlets Ex. Curb Inlets	0	0						
Proposed Storm Sewer Length (ft)	4638	Not Applicable	Not Applicable	Not Applicable				
Proposed Drainage Channel Length (ft)	0	Not Applicable	Not Applicable	Not Applicable				
Proposed Storm Sewer Structures (ea)	37	Not Applicable	Not Applicable	Not Applicable				
Site Preparation and Grading		\$ 172,379.00	\$ 50,000.00	\$ 43,750.00	\$ 43,750.00			
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
based on length of proposed improvements unless otherwise indicated	4,638.00	\$ 46,380.00	2,000.00	\$ 20,000.00	1,750.00	\$ 17,500.00	1,750.00	\$ 17,500.00
based on length of proposed improvements unless otherwise indicated	4,638.00	\$ 11,595.00	8,000.00	\$ 20,000.00	7,000.00	\$ 17,500.00	7,000.00	\$ 17,500.00
based on length of proposed improvements unless otherwise indicated	4,638.00	\$ 4,638.00	2,000.00	\$ 2,000.00	1,750.00	\$ 1,750.00	1,750.00	\$ 1,750.00
based on length of proposed improvements unless otherwise indicated	4,638.00	\$ 9,276.00	4,000.00	\$ 8,000.00	3,500.00	\$ 7,000.00	3,500.00	\$ 7,000.00
	-	\$ -	-	\$ -	-	\$ -	-	\$ -
	4,638.00	\$ 23,190.00	-	\$ -	-	\$ -	-	\$ -
	-	\$ -	-	\$ -	-	\$ -	-	\$ -
	3,865.00	\$ 77,300.00	-	\$ -	-	\$ -	-	\$ -
Storm Sewer		\$ 976,465.00	\$ 400,000.00	\$ 350,000.00	\$ 350,000.00			
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
bid price for reconstruction of ex. structures x (prop. structures / ex. structures) or prop. structure coun	2.60	\$ 260,400.00	-	\$ -	-	\$ -	-	\$ -
	4,638.00	\$ 46,380.00	-	\$ -	-	\$ -	-	\$ -
	429.44	\$ 19,325.00	-	\$ -	-	\$ -	-	\$ -
	3,208.00	\$ 208,520.00	-	\$ -	-	\$ -	-	\$ -
	3,208.00	\$ 288,720.00	-	\$ -	-	\$ -	-	\$ -
	1,276.00	\$ 153,120.00	-	\$ -	-	\$ -	-	\$ -
	-	\$ -	4.00	\$ 400,000.00	3.50	\$ 350,000.00	3.50	\$ 350,000.00
Erosion Control		\$ 11,595.00	\$ 12,000.00	\$ 10,500.00	\$ 10,500.00			
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
based on length of proposed improvements unless otherwise indicated	4,638.00	\$ 11,595.00	4,800.00	\$ 12,000.00	4,200.00	\$ 10,500.00	4,200.00	\$ 10,500.00
Erosion Control		\$ 23,190.00	\$ 40,000.00	\$ 35,000.00	\$ 35,000.00			
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
based on length of proposed improvements unless otherwise indicated	4,638.00	\$ 23,190.00	4,000.00	\$ 20,000.00	3,500.00	\$ 17,500.00	3,500.00	\$ 17,500.00
carried in associated sidewalk project unless otherwise noted	-	\$ -	6,666.67	\$ 20,000.00	5,833.33	\$ 17,500.00	5,833.33	\$ 17,500.00
Design and Testing		\$ 94,690.32	\$ 40,160.00	\$ 35,140.00	\$ 35,140.00			
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
based on percentage of construction cost	0.83	\$ 82,854.03	0.35	\$ 35,140.00	0.31	\$ 30,747.50	0.31	\$ 30,747.50
based on percentage of construction cost	0.12	\$ 11,836.29	0.05	\$ 5,020.00	0.04	\$ 4,392.50	0.04	\$ 4,392.50
Subtotal		\$ 1,278,319.32	\$ 542,160.00	\$ 474,390.00	\$ 474,390.00			
Contingency		\$ 127,831.93	\$ 54,216.00	\$ 47,439.00	\$ 47,439.00			
Total Estimate		\$ 1,406,151.25	\$ 596,376.00	\$ 521,829.00	\$ 521,829.00			



Project ID	32	33	35	38
SubProject ID	4401	51213	51235	8001
Infrastructure Category	Drainage	Drainage	Drainage	Drainage
Description	PT1: storm sewer improvements at commercial property, NW of SW 19th and Santa Fe	Sub-Area EJ6: Construction of new public storm sewer throughout sub-area	Sub-Area SM2: Construction of new public storm sewer throughout sub-area	drainage channel improvements north of pond, new RCB structure at SW 11th
Assessment ID	PT1	EJ6	SM2	PT3
Existing Storm Sewer Length (ft)	158	839	745	1567
Existing Drainage Channel Length (ft)	299	2068	645	1389
Existing Storm Sewer Structures (ea)	4	12	13	20
Ex. Manholes Ex. Headwalls		0 0	0 0	
Ex. Street Inlets Ex. Curb Inlets		0 0	0 0	
Proposed Storm Sewer Length (ft)	Not Applicable	1678	1490	Not Applicable
Proposed Drainage Channel Length (ft)	Not Applicable	2068	645	Not Applicable
Proposed Storm Sewer Structures (ea)	Not Applicable	24	26	Not Applicable

Site Preparation and Grading			
Item No.	Description	Unit Price	Units
809-00-06	MOBILIZATION (DRAINAGE PROJECT)	\$ 10.00	LF
801-00-05	CONSTRUCTION STAKING AND AS-BUILT (DRAINAGE)	\$ 2.50	LF
801-03-01	COLOR AUDIO/VIDEO RECORDING: PRE AND POST CONSTRUCTION	\$ 1.00	LF
802-00-06	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (DRAINAGE)	\$ 2.00	LF
810-00-07	CLEARING AND GRUBBING (DRAINAGE, CHANNEL)	\$ 10.00	LF
810-00-08	CLEARING AND GRUBBING (DRAINAGE, STORM SEWER)	\$ 5.00	LF
811-00-01	STRUCTURE REMOVAL (DRAINAGE STRUCTURE)	\$ 1,500.00	EA.
811-04-01	REMOVE STORM SEWER	\$ 20.00	LF

Site Preparation and Grading		\$ 12,500.00	\$ 103,913.00	\$ 61,892.50	\$ 46,875.00
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty
based on length of proposed improvements unless otherwise indicated	500.00	\$ 5,000.00	3,746.00	\$ 37,460.00	2,135.00
based on length of proposed improvements unless otherwise indicated	2,000.00	\$ 5,000.00	3,746.00	\$ 9,365.00	2,135.00
based on length of proposed improvements unless otherwise indicated	500.00	\$ 500.00	3,746.00	\$ 3,746.00	2,135.00
based on length of proposed improvements unless otherwise indicated	1,000.00	\$ 2,000.00	3,746.00	\$ 7,492.00	2,135.00
	-	\$ -	2,068.00	\$ 20,680.00	645.00
	-	\$ -	1,678.00	\$ 8,390.00	1,490.00
	-	\$ -	-	\$ -	-
	-	\$ -	839.00	\$ 16,780.00	745.00

Storm Sewer			
Item No.	Description	Unit Price	Units
404-00-01	DRAINAGE STRUCTURES	\$ 100,000.00	LS
212-01	TRENCH EXCAVATION AND BACKFILL	\$ 10.00	LF
215-01	EMBEDMENT MATERIAL	\$ 45.00	CY
453-00	REINFORCED CONCRETE PIPE (18 INCHES)	\$ 65.00	LF
453-01	REINFORCED CONCRETE PIPE (24 INCHES)	\$ 90.00	LF
453-02	REINFORCED CONCRETE PIPE (36 INCHES)	\$ 120.00	LF
100-01-04	MISCELLANEOUS IMPROVEMENTS (DRAINAGE)	\$ 100,000.00	LS

Storm Sewer		\$ 100,000.00	\$ 333,046.67	\$ 328,573.33	\$ 375,000.00
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty
bid price for reconstruction of ex. structures x (prop. structures / ex. structures) or prop. structure coun	-	\$ -	1.68	\$ 168,000.00	1.82
	-	\$ -	1,678.00	\$ 16,780.00	1,490.00
	-	\$ -	155.37	\$ 6,991.67	137.96
	-	\$ -	697.00	\$ 45,305.00	619.00
	-	\$ -	697.00	\$ 62,730.00	619.00
	-	\$ -	277.00	\$ 33,240.00	246.00
	1.00	\$ 100,000.00	-	\$ -	3.75

Erosion Control			
Item No.	Description	Unit Price	Units
900-07-05	EROSION CONTROL (DRAINAGE)	\$ 2.50	LF

Erosion Control		\$ 3,000.00	\$ 9,365.00	\$ 5,337.50	\$ 11,250.00
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty
based on length of proposed improvements unless otherwise indicated	1,200.00	\$ 3,000.00	3,746.00	\$ 9,365.00	2,135.00

Site Restoration and Project Close-Out			
Item No.	Description	Unit Price	Units
810-00-09	SITE RESTORATION (DRAINAGE)	\$ 5.00	LF
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.

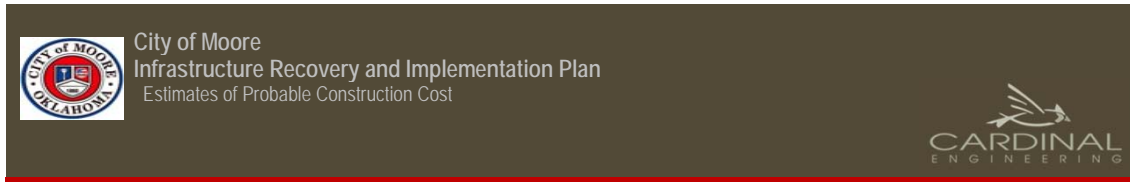
Erosion Control		\$ 10,000.00	\$ 18,730.00	\$ 10,675.00	\$ 18,758.78
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty
based on length of proposed improvements unless otherwise indicated	1,000.00	\$ 5,000.00	3,746.00	\$ 18,730.00	2,135.00
carried in associated sidewalk project unless otherwise noted	1,666.67	\$ 5,000.00	-	\$ -	6,250.00

Design and Testing			
Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS

Design and Testing		\$ 10,040.00	\$ 37,204.37	\$ 32,518.27	\$ 36,150.70
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty
based on percentage of construction cost	0.09	\$ 8,785.00	0.33	\$ 32,553.83	0.28
based on percentage of construction cost	0.01	\$ 1,255.00	0.05	\$ 4,650.55	0.04

Subtotal	\$ 135,540.00	\$ 502,259.04	\$ 438,996.60	\$ 488,034.48
Contingency 10%	\$ 13,554.00	\$ 50,225.90	\$ 43,899.66	\$ 48,803.45
Total Estimate	\$ 149,094.00	\$ 552,484.94	\$ 482,896.26	\$ 536,837.93

Project ID	38	38
SubProject ID	3205	7602
Infrastructure Category	Drainage	Drainage
Description	new storm water detention/retention facility, SW corner of KOMA property	Stream restoration, forest & native grass restoration per public comment at public mtg 10/13/14.
Assessment ID	LR3	KM2
Existing Storm Sewer Length (ft)	0	1427
Existing Drainage Channel Length (ft)	0	7571
Existing Storm Sewer Structures (ea)	0	30
Ex. Manholes Ex. Headwalls		
Ex. Street Inlets Ex. Curb Inlets		
Proposed Storm Sewer Length (ft)	Not Applicable	Not Applicable
Proposed Drainage Channel Length (ft)	Not Applicable	Not Applicable
Proposed Storm Sewer Structures (ea)	Not Applicable	Not Applicable



Site Preparation and Grading			
Item No.	Description	Unit Price	Units
809-00-06	MOBILIZATION (DRAINAGE PROJECT)	\$ 10.00	LF
801-00-05	CONSTRUCTION STAKING AND AS-BUILT (DRAINAGE)	\$ 2.50	LF
801-03-01	COLOR AUDIO/VIDEO RECORDING: PRE AND POST CONSTRUCTION	\$ 1.00	LF
802-00-06	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (DRAINAGE)	\$ 2.00	LF
810-00-07	CLEARING AND GRUBBING (DRAINAGE, CHANNEL)	\$ 10.00	LF
810-00-08	CLEARING AND GRUBBING (DRAINAGE, STORM SEWER)	\$ 5.00	LF
811-00-01	STRUCTURE REMOVAL (DRAINAGE STRUCTURE)	\$ 1,500.00	EA.
811-04-01	REMOVE STORM SEWER	\$ 20.00	LF

Storm Sewer			
Item No.	Description	Unit Price	Units
404-00-01	DRAINAGE STRUCTURES	\$ 100,000.00	LS
212-01	TRENCH EXCAVATION AND BACKFILL	\$ 10.00	LF
215-01	EMBEDMENT MATERIAL	\$ 45.00	CY
453-00	REINFORCED CONCRETE PIPE (18 INCHES)	\$ 65.00	LF
453-01	REINFORCED CONCRETE PIPE (24 INCHES)	\$ 90.00	LF
453-02	REINFORCED CONCRETE PIPE (36 INCHES)	\$ 120.00	LF
100-01-04	MISCELLANEOUS IMPROVEMENTS (DRAINAGE)	\$ 100,000.00	LS

Erosion Control			
Item No.	Description	Unit Price	Units
900-07-05	EROSION CONTROL (DRAINAGE)	\$ 2.50	LF

Site Restoration and Project Close-Out			
Item No.	Description	Unit Price	Units
810-00-09	SITE RESTORATION (DRAINAGE)	\$ 5.00	LF
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.

Design and Testing			
Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS

Subtotal
Contingency 10%
Total Estimate

Site Preparation and Grading				
Notes	Qty	\$ Sub-Total	Qty	\$ Sub-Total
based on length of proposed improvements unless otherwise indicated	2,250.00	\$ 22,500.00	1,500.00	\$ 15,000.00
based on length of proposed improvements unless otherwise indicated	9,000.00	\$ 22,500.00	6,000.00	\$ 15,000.00
based on length of proposed improvements unless otherwise indicated	2,250.00	\$ 2,250.00	1,500.00	\$ 1,500.00
based on length of proposed improvements unless otherwise indicated	4,500.00	\$ 9,000.00	3,000.00	\$ 6,000.00
	-	\$ -	-	\$ -
	-	\$ -	-	\$ -
	-	\$ -	-	\$ -
	-	\$ -	-	\$ -
	-	\$ -	-	\$ -
	-	\$ -	-	\$ -
	4.50	\$ 450,000.00	3.00	\$ 300,000.00

Storm Sewer				
Notes	Qty	\$ Sub-Total	Qty	\$ Sub-Total
bid price for reconstruction of ex. structures x (prop. structures / ex. structures) or prop. structure coun	-	\$ -	-	\$ -
	-	\$ -	-	\$ -
	-	\$ -	-	\$ -
	-	\$ -	-	\$ -
	-	\$ -	-	\$ -
	-	\$ -	-	\$ -
	4.50	\$ 450,000.00	3.00	\$ 300,000.00

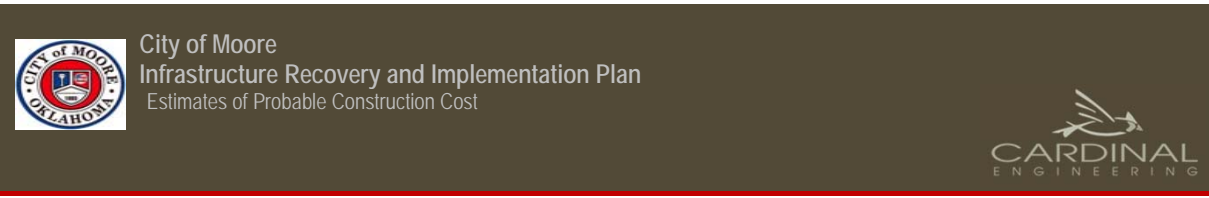
Erosion Control				
Notes	Qty	\$ Sub-Total	Qty	\$ Sub-Total
based on length of proposed improvements unless otherwise indicated	5,400.00	\$ 13,500.00	3,600.00	\$ 9,000.00

Erosion Control				
Notes	Qty	\$ Sub-Total	Qty	\$ Sub-Total
based on length of proposed improvements unless otherwise indicated	4,500.00	\$ 22,500.00	3,000.00	\$ 15,000.00
carried in associated sidewalk project unless otherwise noted	7,500.00	\$ 22,500.00	5,000.00	\$ 15,000.00

Design and Testing				
Notes	Qty	\$ Sub-Total	Qty	\$ Sub-Total
based on percentage of construction cost	0.40	\$ 39,532.50	0.26	\$ 26,355.00
based on percentage of construction cost	0.06	\$ 5,647.50	0.04	\$ 3,765.00

\$ 609,930.00
\$ 60,993.00
\$ 670,923.00

Project ID	1	4	7	9
SubProject ID	51207	22406	23208	23211
Infrastructure Category	Water Distribution	Water Distribution	Water Distribution	Water Distribution
Description	Sub-Area BW2: Replacement of all existing public water lines	Sub-Area PT2: replacement of all existing public water lines	Sub-Area PT3: reconstruction of all public water infrastructure	Sub-Area PT4: reconstruction of all public water lines
Assessment ID	BW2	PT2	PT3	PT4
Diameter: 12-in or greater (ft)	153	1272	272	0
Diameter: 8-in to 12-in (ft)	2681	0	0	79
Diameter: 4-in to 6-in (ft)	9158	8859	8362	5287
Service Count (ea)	444	227	210	130
Hydrant Count (ea)	22	18	12	5
Approximate Fitting Count (ea)	60	25	35	20
Gate Valves (ea)	17	15	14	9
Wet Connections (ea)	5	8	3	4



Site Preparation and Grading			
Item No.	Description	Unit Price	Units
809-00-02	MOBILIZATION (WATER LINE PROJECT)	\$ 1.25	LF
801-00-01	CONSTRUCTION STAKING AND AS-BUILT (WATER LINE)	\$ 1.50	LF
212-01	TRENCH EXCAVATION AND BACKFILL	\$ 10.00	LF
802-00-01	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (WATER LINE)	\$ 0.75	LF
816-01-01	REMOVE CONC. SIDEWALK	\$ 12.00	S.Y.
813-00	REMOVE DRIVEWAY	\$ 10.00	S.Y.

Site Preparation and Grading		\$ 161,892.00		\$ 136,768.50		\$ 116,559.00		\$ 72,441.00	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Sub-Total
	11,992.00	\$ 14,990.00	10,131.00	\$ 12,663.75	8,634.00	\$ 10,792.50	5,366.00	\$ 6,707.50	\$ 6,707.50
	11,992.00	\$ 17,988.00	10,131.00	\$ 15,196.50	8,634.00	\$ 12,951.00	5,366.00	\$ 8,049.00	\$ 8,049.00
	11,992.00	\$ 119,920.00	10,131.00	\$ 101,310.00	8,634.00	\$ 86,340.00	5,366.00	\$ 53,660.00	\$ 53,660.00
	11,992.00	\$ 8,994.00	10,131.00	\$ 7,598.25	8,634.00	\$ 6,475.50	5,366.00	\$ 4,024.50	\$ 4,024.50
carried in sidewalk project unless otherwise indicated	-	\$ -	-	\$ -	-	\$ -	-	\$ -	\$ -
carried in sidewalk project unless otherwise indicated	-	\$ -	-	\$ -	-	\$ -	-	\$ -	\$ -

Water			
Item No.	Description	Unit Price	Units
505-49-01	C900 PVC WATER LINE (4-IN TO 6-IN)	\$ 25.00	LF
505-49-02	C900 PVC WATER LINE (8-IN TO 12-IN)	\$ 35.00	LF
505-49-03	C900 PVC WATER LINE (12-IN OR GREATER)	\$ 40.00	LF
513-00	WET CONNECTION	\$ 5,000.00	EA
520-00-01	GATE VALVE AND VALVE BOX	\$ 1,600.00	EA
516-00	FIRE HYDRANT	\$ 4,000.00	EA
505-38	FITTINGS (DIP) COMPACT (MJ)	\$ 14.00	LBS.
511-02-01	WATER SERVICE LINE CONNECTION (SHORT)	\$ 450.00	EA
511-03-01	WATER SERVICE LINE CONNECTION (LONG)	\$ 550.00	EA
819-08-01	REMOVE AND INSTALL NEW METER BOX	\$ 150.00	EA
522-00-01	HYDROSTATIC PRESSURE TESTING AND DISINFECTION	\$ 1.00	LF
614-00-01	PLUG AND ABANDON WATER LINE	\$ 0.50	LF

Water		\$ 901,693.00		\$ 623,601.50		\$ 528,281.00		\$ 323,889.00	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Sub-Total
add trenching for in-place cost	9,158.00	\$ 228,950.00	8,859.00	\$ 221,475.00	8,362.00	\$ 209,050.00	5,287.00	\$ 132,175.00	\$ 132,175.00
add trenching for in-place cost	2,681.00	\$ 93,835.00	-	\$ -	-	\$ -	79.00	\$ 2,765.00	\$ 2,765.00
add trenching for in-place cost	153.00	\$ 6,120.00	1,272.00	\$ 50,880.00	272.00	\$ 10,880.00	-	\$ -	\$ -
includes tapping sleeve and valve	5.00	\$ 25,000.00	8.00	\$ 40,000.00	3.00	\$ 15,000.00	4.00	\$ 20,000.00	\$ 20,000.00
	17.00	\$ 27,200.00	15.00	\$ 24,000.00	14.00	\$ 22,400.00	9.00	\$ 14,400.00	\$ 14,400.00
includes adjacent gate valve and tee	22.00	\$ 88,000.00	18.00	\$ 72,000.00	12.00	\$ 48,000.00	5.00	\$ 20,000.00	\$ 20,000.00
assume 150-lb per fitting average	9,000.00	\$ 126,000.00	3,750.00	\$ 52,500.00	5,250.00	\$ 73,500.00	3,000.00	\$ 42,000.00	\$ 42,000.00
assume half of total services	222.00	\$ 99,900.00	113.50	\$ 51,075.00	105.00	\$ 47,250.00	65.00	\$ 29,250.00	\$ 29,250.00
assume half of total services	222.00	\$ 122,100.00	113.50	\$ 62,425.00	105.00	\$ 57,750.00	65.00	\$ 35,750.00	\$ 35,750.00
includes material cost	444.00	\$ 66,600.00	227.00	\$ 34,050.00	210.00	\$ 31,500.00	130.00	\$ 19,500.00	\$ 19,500.00
	11,992.00	\$ 11,992.00	10,131.00	\$ 10,131.00	8,634.00	\$ 8,634.00	5,366.00	\$ 5,366.00	\$ 5,366.00
	11,992.00	\$ 5,996.00	10,131.00	\$ 5,065.50	8,634.00	\$ 4,317.00	5,366.00	\$ 2,683.00	\$ 2,683.00

Erosion Control			
Item No.	Description	Unit Price	Units
900-07-01	EROSION CONTROL (WATER LINE)	\$ 1.00	LF

Erosion Control		\$ 9,624.00		\$ 9,104.00		\$ 8,584.00		\$ 5,422.00	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Sub-Total
	9,624.00	\$ 9,624.00	9,104.00	\$ 9,104.00	8,584.00	\$ 8,584.00	5,422.00	\$ 5,422.00	\$ 5,422.00

Site Restoration and Project Close-Out			
Item No.	Description	Unit Price	Units
823-03	6" P.C. CONC. DRIVEWAY (HES)	\$ 60.00	S.Y.
823-00-01	SIDEWALK (4" THICK)	\$ 50.00	S.Y.
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.

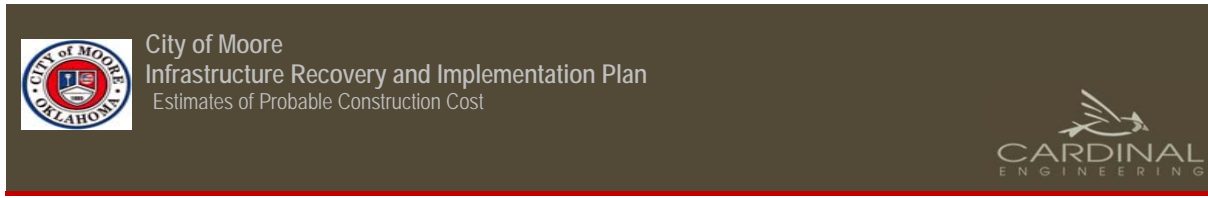
Site Restoration and Project Close-Out		\$ -		\$ -		\$ -		\$ -	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Sub-Total
carried in sidewalk project unless otherwise indicated	-	\$ -	-	\$ -	-	\$ -	-	\$ -	\$ -
carried in sidewalk project unless otherwise indicated	-	\$ -	-	\$ -	-	\$ -	-	\$ -	\$ -
carried in sidewalk project unless otherwise indicated	-	\$ -	-	\$ -	-	\$ -	-	\$ -	\$ -

Design and Testing			
Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS

Design and Testing		\$ 85,856.72		\$ 61,557.92		\$ 52,273.92		\$ 32,140.16	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Sub-Total
7% design fee assumed	0.75	\$ 75,124.63	0.54	\$ 53,863.18	0.46	\$ 45,739.68	0.28	\$ 28,122.64	\$ 28,122.64
1% testing and inspection fee assumed	0.11	\$ 10,732.09	0.08	\$ 7,694.74	0.07	\$ 6,534.24	0.04	\$ 4,017.52	\$ 4,017.52

Subtotal		\$ 1,159,065.72	\$ 831,031.92	\$ 705,697.92	\$ 433,892.16
Contingency 10%		\$ 115,906.57	\$ 83,103.19	\$ 70,569.79	\$ 43,389.22
Total Estimate		\$ 1,274,972.29	\$ 914,135.11	\$ 776,267.71	\$ 477,281.38

Project ID	11	13	15	17
SubProject ID	23214	50880	51208	51233
Infrastructure Category	Water Distribution	Water Distribution	Water Distribution	Water Distribution
Description	Sub-Area PT5: reconstruction of public water line system	Sub-Area EJ2: Replacement of all existing public water lines	Sub-Area HW1: Replacement of all existing public water lines	Sub-Area KM2: Replacement of all existing public water lines
Assessment ID	PT5	EJ2	HW1	KM2
Diameter: 12-in or greater (ft)	0	0	0	0
Diameter: 8-in to 12-in (ft)	438	2680	587	2496
Diameter: 4-in to 6-in (ft)	12227	16490	7082	4838
Service Count (ea)	321	503	189	127
Hydrant Count (ea)	13	41	12	10
Approximate Fitting Count (ea)	30	40	50	30
Gate Valves (ea)	12	33	20	13
Wet Connections (ea)	3	10	2	6



Site Preparation and Grading			
Item No.	Description	Unit Price	Units
809-00-02	MOBILIZATION (WATER LINE PROJECT)	\$ 1.25	LF
801-00-01	CONSTRUCTION STAKING AND AS-BUILT (WATER LINE)	\$ 1.50	LF
212-01	TRENCH EXCAVATION AND BACKFILL	\$ 10.00	LF
802-00-01	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (WATER LINE)	\$ 0.75	LF
816-01-01	REMOVE CONC. SIDEWALK	\$ 12.00	S.Y.
813-00	REMOVE DRIVEWAY	\$ 10.00	S.Y.

Site Preparation and Grading		\$ 170,977.50		\$ 258,795.00		\$ 103,531.50		\$ 99,009.00	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	
	12,665.00	\$ 15,831.25	19,170.00	\$ 23,962.50	7,669.00	\$ 9,586.25	7,334.00	\$ 9,167.50	
	12,665.00	\$ 18,997.50	19,170.00	\$ 28,755.00	7,669.00	\$ 11,503.50	7,334.00	\$ 11,001.00	
	12,665.00	\$ 126,650.00	19,170.00	\$ 191,700.00	7,669.00	\$ 76,690.00	7,334.00	\$ 73,340.00	
	12,665.00	\$ 9,498.75	19,170.00	\$ 14,377.50	7,669.00	\$ 5,751.75	7,334.00	\$ 5,500.50	
carried in sidewalk project unless otherwise indicated	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
carried in sidewalk project unless otherwise indicated	-	\$ -	-	\$ -	-	\$ -	-	\$ -	

Water			
Item No.	Description	Unit Price	Units
505-49-01	C900 PVC WATER LINE (4-IN TO 6-IN)	\$ 25.00	LF
505-49-02	C900 PVC WATER LINE (8-IN TO 12-IN)	\$ 35.00	LF
505-49-03	C900 PVC WATER LINE (12-IN OR GREATER)	\$ 40.00	LF
513-00	WET CONNECTION	\$ 5,000.00	EA
520-00-01	GATE VALVE AND VALVE BOX	\$ 1,600.00	EA
516-00	FIRE HYDRANT	\$ 4,000.00	EA
505-38	FITTINGS (DIP) COMPACT (MJ)	\$ 14.00	LBS.
511-02-01	WATER SERVICE LINE CONNECTION (SHORT)	\$ 450.00	EA
511-03-01	WATER SERVICE LINE CONNECTION (LONG)	\$ 550.00	EA
819-08-01	REMOVE AND INSTALL NEW METER BOX	\$ 150.00	EA
522-00-01	HYDROSTATIC PRESSURE TESTING AND DISINFECTION	\$ 1.00	LF
614-00-01	PLUG AND ABANDON WATER LINE	\$ 0.50	LF

Water		\$ 697,852.50		\$ 1,212,555.00		\$ 526,948.50		\$ 455,661.00	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	
add trenching for in-place cost	12,227.00	\$ 305,675.00	16,490.00	\$ 412,250.00	7,082.00	\$ 177,050.00	4,838.00	\$ 120,950.00	
add trenching for in-place cost	438.00	\$ 15,330.00	2,680.00	\$ 93,800.00	587.00	\$ 20,545.00	2,496.00	\$ 87,360.00	
add trenching for in-place cost	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
includes tapping sleeve and valve	3.00	\$ 15,000.00	10.00	\$ 50,000.00	2.00	\$ 10,000.00	6.00	\$ 30,000.00	
	12.00	\$ 19,200.00	33.00	\$ 52,800.00	20.00	\$ 32,000.00	13.00	\$ 20,800.00	
includes adjacent gate valve and tee	13.00	\$ 52,000.00	41.00	\$ 164,000.00	12.00	\$ 48,000.00	10.00	\$ 40,000.00	
assume 150-lb per fitting average	4,500.00	\$ 63,000.00	6,000.00	\$ 84,000.00	7,500.00	\$ 105,000.00	4,500.00	\$ 63,000.00	
assume half of total services	160.50	\$ 72,225.00	251.50	\$ 113,175.00	94.50	\$ 42,525.00	63.50	\$ 28,575.00	
assume half of total services	160.50	\$ 88,275.00	251.50	\$ 138,325.00	94.50	\$ 51,975.00	63.50	\$ 34,925.00	
includes material cost	321.00	\$ 48,150.00	503.00	\$ 75,450.00	189.00	\$ 28,350.00	127.00	\$ 19,050.00	
	12,665.00	\$ 12,665.00	19,170.00	\$ 19,170.00	7,669.00	\$ 7,669.00	7,334.00	\$ 7,334.00	
	12,665.00	\$ 6,332.50	19,170.00	\$ 9,585.00	7,669.00	\$ 3,834.50	7,334.00	\$ 3,667.00	

Erosion Control			
Item No.	Description	Unit Price	Units
900-07-01	EROSION CONTROL (WATER LINE)	\$ 1.00	LF

Erosion Control		\$ 12,561.00		\$ 17,034.00		\$ 7,283.00		\$ 4,975.00	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	
	12,561.00	\$ 12,561.00	17,034.00	\$ 17,034.00	7,283.00	\$ 7,283.00	4,975.00	\$ 4,975.00	

Site Restoration and Project Close-Out			
Item No.	Description	Unit Price	Units
823-03	6" P.C. CONC. DRIVEWAY (HES)	\$ 60.00	S.Y.
823-00-01	SIDEWALK (4" THICK)	\$ 50.00	S.Y.
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.

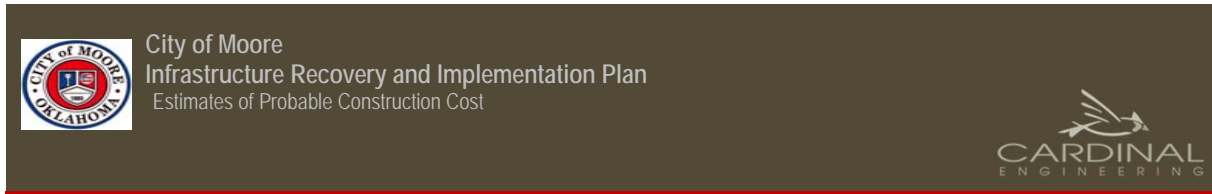
Site Restoration and Project Close-Out		\$ -		\$ -		\$ -		\$ -	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	
carried in sidewalk project unless otherwise indicated	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
carried in sidewalk project unless otherwise indicated	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
carried in sidewalk project unless otherwise indicated	-	\$ -	-	\$ -	-	\$ -	-	\$ -	

Design and Testing			
Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS

Design and Testing		\$ 70,511.28		\$ 119,070.72		\$ 51,021.04		\$ 44,771.60	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	
7% design fee assumed	0.62	\$ 61,697.37	1.04	\$ 104,186.88	0.45	\$ 44,643.41	0.39	\$ 39,175.15	
1% testing and inspection fee assumed	0.09	\$ 8,813.91	0.15	\$ 14,883.84	0.06	\$ 6,377.63	0.06	\$ 5,596.45	

Subtotal		\$ 951,902.28	\$ 1,607,454.72	\$ 688,784.04	\$ 604,416.60
Contingency 10%		\$ 95,190.23	\$ 160,745.47	\$ 68,878.40	\$ 60,441.66
Total Estimate		\$ 1,047,092.51	\$ 1,768,200.19	\$ 757,662.44	\$ 664,858.26

Project ID	19	23	26	33
SubProject ID	51240	51227	50861	50850
Infrastructure Category	Water Distribution	Water Distribution	Water Distribution	Water Distribution
Description	Sub-Area KM3: Replacement of all existing public water lines	Sub-Area MH2: Replacement of all existing public water lines	Sub-Area EJ5: Replacement of all existing public water lines	Sub-Area EJ6: Replacement of all existing public water lines
Assessment ID	KM3	MH2	EJ5	EJ6
Diameter: 12-in or greater (ft)	0	0	3124	0
Diameter: 8-in to 12-in (ft)	0	6157	3646	0
Diameter: 4-in to 6-in (ft)	9022	6997	16896	252
Service Count (ea)	239	298	479	1
Hydrant Count (ea)	17	25	38	0
Approximate Fitting Count (ea)	30	80	90	5
Gate Valves (ea)	15	20	32	1
Wet Connections (ea)	8	6	5	1



Site Preparation and Grading			
Item No.	Description	Unit Price	Units
809-00-02	MOBILIZATION (WATER LINE PROJECT)	\$ 1.25	LF
801-00-01	CONSTRUCTION STAKING AND AS-BUILT (WATER LINE)	\$ 1.50	LF
212-01	TRENCH EXCAVATION AND BACKFILL	\$ 10.00	LF
802-00-01	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (WATER LINE)	\$ 0.75	LF
816-01-01	REMOVE CONC. SIDEWALK	\$ 12.00	S.Y.
813-00	REMOVE DRIVEWAY	\$ 10.00	S.Y.

Site Preparation and Grading		\$ 121,797.00		\$ 177,579.00		\$ 319,491.00		\$ 3,402.00	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Sub-Total
	9,022.00	\$ 11,277.50	13,154.00	\$ 16,442.50	23,666.00	\$ 29,582.50	252.00	\$ 315.00	\$ 315.00
	9,022.00	\$ 13,533.00	13,154.00	\$ 19,731.00	23,666.00	\$ 35,499.00	252.00	\$ 378.00	\$ 378.00
	9,022.00	\$ 90,220.00	13,154.00	\$ 131,540.00	23,666.00	\$ 236,660.00	252.00	\$ 2,520.00	\$ 2,520.00
	9,022.00	\$ 6,766.50	13,154.00	\$ 9,865.50	23,666.00	\$ 17,749.50	252.00	\$ 189.00	\$ 189.00
carried in sidewalk project unless otherwise indicated	-	\$ -	-	\$ -	-	\$ -	-	\$ -	\$ -
carried in sidewalk project unless otherwise indicated	-	\$ -	-	\$ -	-	\$ -	-	\$ -	\$ -

Water			
Item No.	Description	Unit Price	Units
505-49-01	C900 PVC WATER LINE (4-IN TO 6-IN)	\$ 25.00	LF
505-49-02	C900 PVC WATER LINE (8-IN TO 12-IN)	\$ 35.00	LF
505-49-03	C900 PVC WATER LINE (12-IN OR GREATER)	\$ 40.00	LF
513-00	WET CONNECTION	\$ 5,000.00	EA
520-00-01	GATE VALVE AND VALVE BOX	\$ 1,600.00	EA
516-00	FIRE HYDRANT	\$ 4,000.00	EA
505-38	FITTINGS (DIP) COMPACT (MJ)	\$ 14.00	LBS.
511-02-01	WATER SERVICE LINE CONNECTION (SHORT)	\$ 450.00	EA
511-03-01	WATER SERVICE LINE CONNECTION (LONG)	\$ 550.00	EA
819-08-01	REMOVE AND INSTALL NEW METER BOX	\$ 150.00	EA
522-00-01	HYDROSTATIC PRESSURE TESTING AND DISINFECTION	\$ 1.00	LF
614-00-01	PLUG AND ABANDON WATER LINE	\$ 0.50	LF

Water		\$ 589,433.00		\$ 933,851.00		\$ 1,439,019.00		\$ 24,428.00	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Sub-Total
add trenching for in-place cost	9,022.00	\$ 225,550.00	6,997.00	\$ 174,925.00	16,896.00	\$ 422,400.00	252.00	\$ 6,300.00	\$ 6,300.00
add trenching for in-place cost	-	\$ -	6,157.00	\$ 215,495.00	3,646.00	\$ 127,610.00	-	\$ -	\$ -
add trenching for in-place cost	-	\$ -	-	\$ -	3,124.00	\$ 124,960.00	-	\$ -	\$ -
includes tapping sleeve and valve	8.00	\$ 40,000.00	6.00	\$ 30,000.00	5.00	\$ 25,000.00	1.00	\$ 5,000.00	\$ 5,000.00
	15.00	\$ 24,000.00	20.00	\$ 32,000.00	32.00	\$ 51,200.00	1.00	\$ 1,600.00	\$ 1,600.00
includes adjacent gate valve and tee	17.00	\$ 68,000.00	25.00	\$ 100,000.00	38.00	\$ 152,000.00	-	\$ -	\$ -
assume 150-lb per fitting average	4,500.00	\$ 63,000.00	12,000.00	\$ 168,000.00	13,500.00	\$ 189,000.00	750.00	\$ 10,500.00	\$ 10,500.00
assume half of total services	119.50	\$ 53,775.00	149.00	\$ 67,050.00	239.50	\$ 107,775.00	0.50	\$ 225.00	\$ 225.00
assume half of total services	119.50	\$ 65,725.00	149.00	\$ 81,950.00	239.50	\$ 131,725.00	0.50	\$ 275.00	\$ 275.00
includes material cost	239.00	\$ 35,850.00	298.00	\$ 44,700.00	479.00	\$ 71,850.00	1.00	\$ 150.00	\$ 150.00
	9,022.00	\$ 9,022.00	13,154.00	\$ 13,154.00	23,666.00	\$ 23,666.00	252.00	\$ 252.00	\$ 252.00
	9,022.00	\$ 4,511.00	13,154.00	\$ 6,577.00	23,666.00	\$ 11,833.00	252.00	\$ 126.00	\$ 126.00

Erosion Control			
Item No.	Description	Unit Price	Units
900-07-01	EROSION CONTROL (WATER LINE)	\$ 1.00	LF

Erosion Control		\$ 9,278.00		\$ 7,320.00		\$ 17,413.00		\$ 253.00	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Sub-Total
	9,278.00	\$ 9,278.00	7,320.00	\$ 7,320.00	17,413.00	\$ 17,413.00	253.00	\$ 253.00	\$ 253.00

Site Restoration and Project Close-Out			
Item No.	Description	Unit Price	Units
823-03	6" P.C. CONC. DRIVEWAY (HES)	\$ 60.00	S.Y.
823-00-01	SIDEWALK (4" THICK)	\$ 50.00	S.Y.
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.

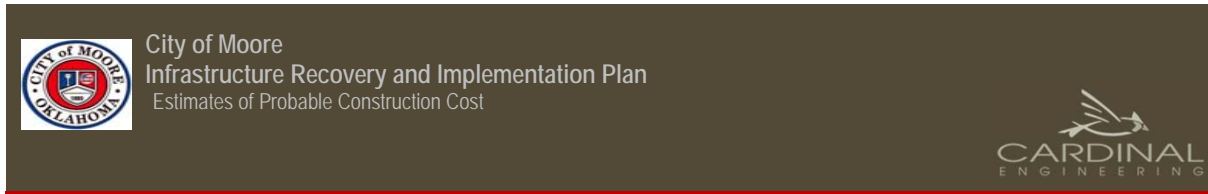
Site Restoration and Project Close-Out		\$ -		\$ -		\$ -		\$ -	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Sub-Total
carried in sidewalk project unless otherwise indicated	-	\$ -	-	\$ -	-	\$ -	-	\$ -	\$ -
carried in sidewalk project unless otherwise indicated	-	\$ -	-	\$ -	-	\$ -	-	\$ -	\$ -
carried in sidewalk project unless otherwise indicated	-	\$ -	-	\$ -	-	\$ -	-	\$ -	\$ -

Design and Testing			
Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS

Design and Testing		\$ 57,640.64		\$ 89,500.00		\$ 142,073.84		\$ 2,246.64	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Sub-Total
7% design fee assumed	0.50	\$ 50,435.56	0.78	\$ 78,312.50	1.24	\$ 124,314.61	0.02	\$ 1,965.81	\$ 1,965.81
1% testing and inspection fee assumed	0.07	\$ 7,205.08	0.11	\$ 11,187.50	0.18	\$ 17,759.23	0.00	\$ 280.83	\$ 280.83

Subtotal		\$ 778,148.64	\$ 1,208,250.00	\$ 1,917,996.84	\$ 30,329.64
Contingency 10%		\$ 77,814.86	\$ 120,825.00	\$ 191,799.68	\$ 3,032.96
Total Estimate		\$ 855,963.50	\$ 1,329,075.00	\$ 2,109,796.52	\$ 33,362.60

Project ID	35
SubProject ID	51234
Infrastructure Category	Water Distribution
Description	Sub-Area SM2: Replacement of all existing public water lines
Assessment ID	SM2
Diameter: 12-in or greater (ft)	0
Diameter: 8-in to 12-in (ft)	0
Diameter: 4-in to 6-in (ft)	11074
Service Count (ea)	282
Hydrant Count (ea)	13
Approximate Fitting Count (ea)	40
Gate Valves (ea)	12
Wet Connections (ea)	12



Site Preparation and Grading			
Item No.	Description	Unit Price	Units
809-00-02	MOBILIZATION (WATER LINE PROJECT)	\$ 1.25	LF
801-00-01	CONSTRUCTION STAKING AND AS-BUILT (WATER LINE)	\$ 1.50	LF
212-01	TRENCH EXCAVATION AND BACKFILL	\$ 10.00	LF
802-00-01	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (WATER LINE)	\$ 0.75	LF
816-01-01	REMOVE CONC. SIDEWALK	\$ 12.00	S.Y.
813-00	REMOVE DRIVEWAY	\$ 10.00	S.Y.

Water			
Item No.	Description	Unit Price	Units
505-49-01	C900 PVC WATER LINE (4-IN TO 6-IN)	\$ 25.00	LF
505-49-02	C900 PVC WATER LINE (8-IN TO 12-IN)	\$ 35.00	LF
505-49-03	C900 PVC WATER LINE (12-IN OR GREATER)	\$ 40.00	LF
513-00	WET CONNECTION	\$ 5,000.00	EA
520-00-01	GATE VALVE AND VALVE BOX	\$ 1,600.00	EA
516-00	FIRE HYDRANT	\$ 4,000.00	EA
505-38	FITTINGS (DIP) COMPACT (MJ)	\$ 14.00	LBS.
511-02-01	WATER SERVICE LINE CONNECTION (SHORT)	\$ 450.00	EA
511-03-01	WATER SERVICE LINE CONNECTION (LONG)	\$ 550.00	EA
819-08-01	REMOVE AND INSTALL NEW METER BOX	\$ 150.00	EA
522-00-01	HYDROSTATIC PRESSURE TESTING AND DISINFECTION	\$ 1.00	LF
614-00-01	PLUG AND ABANDON WATER LINE	\$ 0.50	LF

Erosion Control			
Item No.	Description	Unit Price	Units
900-07-01	EROSION CONTROL (WATER LINE)	\$ 1.00	LF

Site Restoration and Project Close-Out			
Item No.	Description	Unit Price	Units
823-03	6" P.C. CONC. DRIVEWAY (HES)	\$ 60.00	S.Y.
823-00-01	SIDEWALK (4" THICK)	\$ 50.00	S.Y.
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.

Design and Testing			
Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS

Subtotal
Contingency 10%
Total Estimate

Site Preparation and Grading		
Notes	Qty	Sub-Total
	11,074.00	\$ 13,842.50
	11,074.00	\$ 16,611.00
	11,074.00	\$ 110,740.00
	11,074.00	\$ 8,305.50
carried in sidewalk project unless otherwise indicated	-	\$ -
carried in sidewalk project unless otherwise indicated	-	\$ -

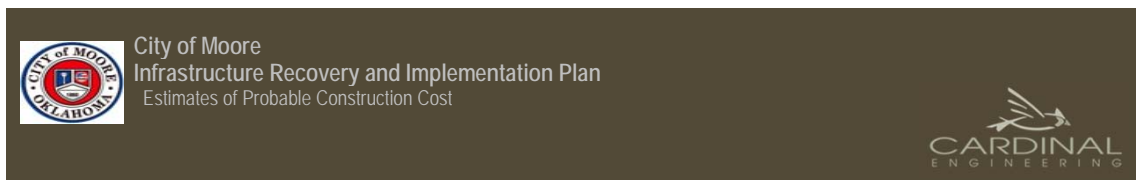
Water		
Notes	Qty	Sub-Total
add trenching for in-place cost	11,074.00	\$ 276,850.00
add trenching for in-place cost	-	\$ -
add trenching for in-place cost	-	\$ -
includes tapping sleeve and valve	12.00	\$ 60,000.00
	12.00	\$ 19,200.00
includes adjacent gate valve and tee	13.00	\$ 52,000.00
assume 150-lb per fitting average	6,000.00	\$ 84,000.00
assume half of total services	141.00	\$ 63,450.00
assume half of total services	141.00	\$ 77,550.00
includes material cost	282.00	\$ 42,300.00
	11,074.00	\$ 11,074.00
	11,074.00	\$ 5,537.00

Erosion Control		
Notes	Qty	Sub-Total
	11,369.00	\$ 11,369.00

Site Restoration and Project Close-Out		
Notes	Qty	Sub-Total
carried in sidewalk project unless otherwise indicated		\$ -
carried in sidewalk project unless otherwise indicated		\$ -
carried in sidewalk project unless otherwise indicated		\$ -

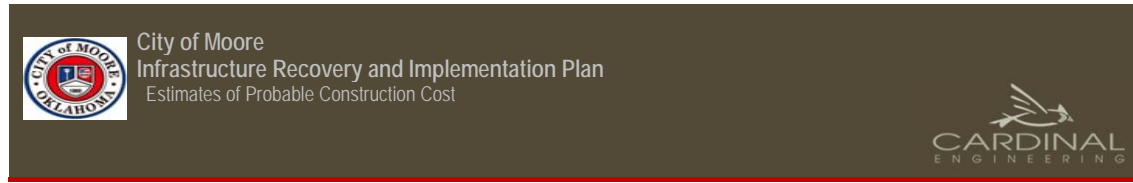
Design and Testing		
Notes	Qty	Sub-Total
7% design fee assumed	0.60	\$ 59,698.03
1% testing and inspection fee assumed	0.09	\$ 8,528.29

Subtotal
Contingency 10%
Total Estimate



Site Preparation and Grading			
Item No.	Description	Unit Price	Units
809-00-05	MOBILIZATION (TRAIL PROJECT)	\$ 4.00	LF
801-03-01	COLOR AUDIO/VIDEO RECORDING: PRE AND POST CONSTRUCTION	\$ 1.00	LF
801-00-04	CONSTRUCTION STAKING AND AS-BUILT (TRAILS)	\$ 2.50	LF
802-00-04	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (TRAILS, ADJACENT TO ACTIVE STREET)	\$ 2.50	LF
802-00-05	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (TRAILS, NOT ADJACENT TO ACTIVE STREET)	\$ 1.00	LF
810-00-05	CLEARING AND GRUBBING (TRAILS)	\$ 3.00	LF
816-01-01	REMOVE CONC. SIDEWALK	\$ 12.00	S.Y.
200-00	UNCLASSIFIED EXCAVATION	\$ 12.00	CY
222-03	CEMENT KILN DUST	\$ 60.00	TON
222-05	CEMENTITIOUS STABILIZED SUBGRADE	\$ 3.50	S.Y.
Paving			
Item No.	Description	Unit Price	Units
304-04	PORTLAND CEMENT CONCRETE PAVEMENT (6")	\$ 45.00	S.Y.
301-05-01	ASPHALT CONCRETE (TYPE S-3)	\$ 50.00	TON
301-06-01	ASPHALT CONCRETE (TYPE S-5)	\$ 55.00	TON
301-34	FREIGHT FOR ASPHALT DELIVERY (WITHIN CITY OF MOORE)	\$ 8.00	TON
301-35	INSTALLATION OF ASPHALT PAVEMENT (LABOR AND EQUIPMENT ONLY)	\$ 15.00	TON
313-00	TACK COAT	\$ 4.00	GAL
823-00-01	SIDEWALK (4" THICK)	\$ 50.00	S.Y.
Traffic			
Item No.	Description	Unit Price	Units
735-00	TRAFFIC STRIPE (PLASTIC) (4 INCH WIDE)	\$ 0.75	LF
735-04	TRAFFIC STRIPE (PLASTIC) (SYMBOLS)	\$ 125.00	EA
Erosion Control			
Item No.	Description	Unit Price	Units
900-07-04	EROSION CONTROL (TRAILS)	\$ 0.75	LF
Site Restoration and Project Close-Out			
Item No.	Description	Unit Price	Units
810-00-06	SITE RESTORATION (TRAILS)	\$ 2.50	LF
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.
Design and Testing			
Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS
Subtotal			
Contingency 10%			
Total Estimate			

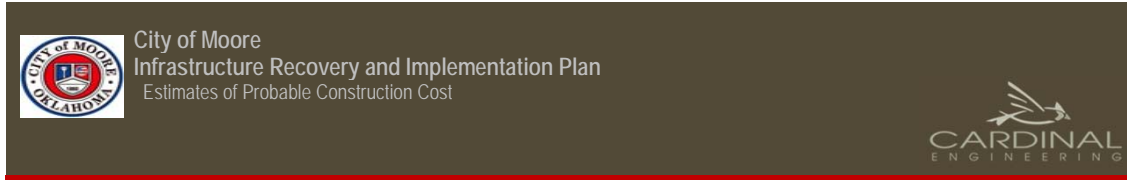
Project ID	1	4	7	7				
SubProject ID	50843	5601	24406	3219				
Infrastructure Category	Bikeway/Trail	Bikeway/Trail	Bikeway/Trail	Bikeway/Trail				
Description	BW2: dedicated bike lane, all Type A corridors identified in Streetscape Assessment	PT2: reconstruction of trail connection to Plaza Towers between SW 12th and SW 13th	PT3: dedicated bike lane, all Type A corridors identified in Streetscape Assessment	trail along channel and around pond east and south of Plaza Towers Elementary.				
Assessment ID	BW2	PT2	PT3	PT3				
Proposed Bikeways (Arterial, ft)	0	0	0	0				
Proposed Bikeways (Collector, ft)	1441	0	2639	0				
Proposed Trails (ft)	0	200	0	3200				
Length in Existing R/W (ft)	1441	200	0	2880				
Length in Proposed R/W (ft)	0	0	0	320				
Type A Streetscape length (ft)	2642	1273	3366	3366				
Material	Concrete	Concrete	Concrete	Concrete				
	\$ 41,585.08	\$ 3,633.33	\$ 52,980.84	\$ 57,013.33				
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
carried in associated street project unless otherwise indicated	-	\$ -	200.00	\$ 800.00	-	\$ -	3,200.00	\$ 12,800.00
carried in associated street project unless otherwise indicated	-	\$ -	200.00	\$ 200.00	-	\$ -	3,200.00	\$ 3,200.00
carried in associated street project unless otherwise indicated	-	\$ -	200.00	\$ 500.00	-	\$ -	2,880.00	\$ 7,200.00
carried in associated street project unless otherwise indicated	-	\$ -	-	\$ -	-	\$ -	-	\$ -
carried in associated street project unless otherwise indicated	-	\$ -	200.00	\$ 200.00	-	\$ -	2,880.00	\$ 2,880.00
carried in associated street project unless otherwise indicated	-	\$ -	200.00	\$ 600.00	-	\$ -	3,200.00	\$ 9,600.00
carried in associated street project unless otherwise indicated	-	\$ -	-	\$ -	-	\$ -	-	\$ -
assume 15-sq.ft. per ft	1,467.78	\$ 17,613.33	111.11	\$ 1,333.33	1,870.00	\$ 22,440.00	1,777.78	\$ 21,333.33
assume 12% amendment rate, by weight, unit weight of soil: 120-lb/cu.ft.	142.67	\$ 8,560.08	-	\$ -	181.76	\$ 10,905.84	-	\$ -
assume 5-ft bike lane, 15-sq.ft. per ft	4,403.33	\$ 15,411.67	-	\$ -	5,610.00	\$ 19,635.00	-	\$ -
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
assume 5-ft bike lane, only used on concrete streets	1,467.78	\$ 66,050.00	-	\$ -	1,870.00	\$ 84,150.00	-	\$ -
substitute for Type A, assumed density of 112-lb/sq.yd./in	-	\$ -	-	\$ -	-	\$ -	-	\$ -
substitute for Type B, assumed density of 112-lb/sq.yd./in	-	\$ -	-	\$ -	-	\$ -	-	\$ -
14-ton load assumed	-	\$ -	-	\$ -	-	\$ -	-	\$ -
application rate of 0.15-gallon per sq.yd. assumed	-	\$ -	-	\$ -	-	\$ -	-	\$ -
complete in-place with sand cushion	-	\$ -	222.22	\$ 11,111.11	-	\$ -	3,555.56	\$ 177,777.78
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
length of bike lane x 1.25 unless otherwise indicated	3,302.50	\$ 2,476.88	-	\$ -	4,207.50	\$ 3,155.63	-	\$ -
assume 1-symbol per 100-ft bike lane	27.00	\$ 3,375.00	-	\$ -	34.00	\$ 4,250.00	-	\$ -
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
excluded from scope of work, carried in associated street project unless otherwise indicated	-	\$ -	200.00	\$ 150.00	-	\$ -	3,200.00	\$ 2,400.00
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
excluded from scope of work, carried in associated street project unless otherwise indicated	-	\$ -	200.00	\$ 500.00	-	\$ -	3,200.00	\$ 8,000.00
excluded from scope of work, carried in associated street project unless otherwise indicated	-	\$ -	444.44	\$ 1,333.33	-	\$ -	7,111.11	\$ 21,333.33
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
based on percentage of construction cost	0.11	\$ 11,348.70	0.02	\$ 1,672.78	0.14	\$ 14,453.65	0.27	\$ 26,652.44
based on percentage of construction cost	0.06	\$ 5,674.35	0.01	\$ 836.39	0.07	\$ 7,226.82	0.13	\$ 13,326.22
Subtotal		\$ 130,510.00	\$ 19,236.94		\$ 166,216.93		\$ 306,503.11	
Contingency 10%		\$ 13,051.00	\$ 1,923.69		\$ 16,621.69		\$ 30,650.31	
Total Estimate		\$ 143,561.00	\$ 21,160.64		\$ 182,838.63		\$ 337,153.42	



Site Preparation and Grading			
Item No.	Description	Unit Price	Units
809-00-05	MOBILIZATION (TRAIL PROJECT)	\$ 4.00	LF
801-03-01	COLOR AUDIO/VIDEO RECORDING: PRE AND POST CONSTRUCTION	\$ 1.00	LF
801-00-04	CONSTRUCTION STAKING AND AS-BUILT (TRAILS)	\$ 2.50	LF
802-00-04	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (TRAILS, ADJACENT TO ACTIVE STREET)	\$ 2.50	LF
802-00-05	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (TRAILS, NOT ADJACENT TO ACTIVE STREET)	\$ 1.00	LF
810-00-05	CLEARING AND GRUBBING (TRAILS)	\$ 3.00	LF
816-01-01	REMOVE CONC. SIDEWALK	\$ 12.00	S.Y.
200-00	UNCLASSIFIED EXCAVATION	\$ 12.00	CY
222-03	CEMENT KILN DUST	\$ 60.00	TON
222-05	CEMENTITIOUS STABILIZED SUBGRADE	\$ 3.50	S.Y.
Paving			
Item No.	Description	Unit Price	Units
304-04	PORTLAND CEMENT CONCRETE PAVEMENT (6")	\$ 45.00	S.Y.
301-05-01	ASPHALT CONCRETE (TYPE S-3)	\$ 50.00	TON
301-06-01	ASPHALT CONCRETE (TYPE S-5)	\$ 55.00	TON
301-34	FREIGHT FOR ASPHALT DELIVERY (WITHIN CITY OF MOORE)	\$ 8.00	TON
301-35	INSTALLATION OF ASPHALT PAVEMENT (LABOR AND EQUIPMENT ONLY)	\$ 15.00	TON
313-00	TACK COAT	\$ 4.00	GAL
823-00-01	SIDEWALK (4" THICK)	\$ 50.00	S.Y.
Traffic			
Item No.	Description	Unit Price	Units
735-00	TRAFFIC STRIPE (PLASTIC) (4 INCH WIDE)	\$ 0.75	LF
735-04	TRAFFIC STRIPE (PLASTIC) (SYMBOLS)	\$ 125.00	EA
Erosion Control			
Item No.	Description	Unit Price	Units
900-07-04	EROSION CONTROL (TRAILS)	\$ 0.75	LF
Site Restoration and Project Close-Out			
Item No.	Description	Unit Price	Units
810-00-06	SITE RESTORATION (TRAILS)	\$ 2.50	LF
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.
Design and Testing			
Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS
Subtotal			
Contingency 10%			
Total Estimate			

Project ID	9	11	13	15				
SubProject ID	5602	24806	50888	50849				
Infrastructure Category	Bikeway/Trail	Bikeway/Trail	Bikeway/Trail	Bikeway/Trail				
Description	PT4: extension of trail to Little River Park at NE corner of SW 11th	PT5: dedicated bike lane, all Type A corridors identified in Streetscape Assessment	EJ2: dedicated bike lane, all Type A corridors identified in Streetscape Assessment	HW1: dedicated bike lane, all Type A corridors identified in Streetscape Assessment				
Assessment ID	PT4	PT5	EJ2	HW1				
Proposed Bikeways (Arterial, ft)	0	0	0	0				
Proposed Bikeways (Collector, ft)	0	4028	2679	1229				
Proposed Trails (ft)	350	0	0	0				
Length in Existing R/W (ft)	350	4028	2679	1229				
Length in Proposed R/W (ft)	0	0	0	0				
Type A Streetscape length (ft)	0	4035	2686	1934				
Material	Concrete	Concrete	Concrete	Asphalt				
	\$ 6,358.33	\$ 63,510.90	\$ 42,277.64	\$ 30,441.16				
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
carried in associated street project unless otherwise indicated	350.00	\$ 1,400.00	-	\$ -	-	\$ -	-	\$ -
carried in associated street project unless otherwise indicated	350.00	\$ 350.00	-	\$ -	-	\$ -	-	\$ -
carried in associated street project unless otherwise indicated	350.00	\$ 875.00	-	\$ -	-	\$ -	-	\$ -
carried in associated street project unless otherwise indicated	-	\$ -	-	\$ -	-	\$ -	-	\$ -
carried in associated street project unless otherwise indicated	350.00	\$ 350.00	-	\$ -	-	\$ -	-	\$ -
carried in associated street project unless otherwise indicated	350.00	\$ 1,050.00	-	\$ -	-	\$ -	-	\$ -
carried in associated street project unless otherwise indicated	-	\$ -	-	\$ -	-	\$ -	-	\$ -
assume 15-sq.ft. per ft	194.44	\$ 2,333.33	2,241.67	\$ 26,900.00	1,492.22	\$ 17,906.67	1,074.44	\$ 12,893.33
assume 12% amendment rate, by weight, unit weight of soil: 120-lb/cu.ft.	-	\$ -	217.89	\$ 13,073.40	145.04	\$ 8,702.64	104.44	\$ 6,266.16
assume 5-ft bike lane, 15-sq.ft. per ft	-	\$ -	6,725.00	\$ 23,537.50	4,476.67	\$ 15,668.33	3,223.33	\$ 11,281.67
	\$ 19,444.44	\$ 100,875.00	\$ 67,150.00	\$ 27,166.19				
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
assume 5-ft bike lane, only used on concrete streets	-	\$ -	2,241.67	\$ 100,875.00	1,492.22	\$ 67,150.00	-	\$ -
substitute for Type A, assumed density of 112-lb/sq.yd./in	-	\$ -	-	\$ -	-	\$ -	231.04	\$ 11,552.17
substitute for Type B, assumed density of 112-lb/sq.yd./in	-	\$ -	-	\$ -	-	\$ -	115.52	\$ 6,353.69
14-ton load assumed	-	\$ -	-	\$ -	-	\$ -	346.57	\$ 2,772.52
	-	\$ -	-	\$ -	-	\$ -	346.57	\$ 5,198.48
application rate of 0.15-gallon per sq.yd. assumed	-	\$ -	-	\$ -	-	\$ -	322.33	\$ 1,289.33
complete in-place with sand cushion	388.89	\$ 19,444.44	-	\$ -	-	\$ -	-	\$ -
	\$ -	\$ 8,907.81	\$ 5,893.13	\$ 4,313.13				
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
length of bike lane x 1.25 unless otherwise indicated	-	\$ -	5,043.75	\$ 3,782.81	3,357.50	\$ 2,518.13	2,417.50	\$ 1,813.13
assume 1-symbol per 100-ft bike lane	-	\$ -	41.00	\$ 5,125.00	27.00	\$ 3,375.00	20.00	\$ 2,500.00
	\$ 262.50	\$ -	\$ -	\$ -				
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
excluded from scope of work, carried in associated street project unless otherwise indicated	350.00	\$ 262.50	-	\$ -	-	\$ -	-	\$ -
	\$ 3,208.33	\$ -	\$ -	\$ -				
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
excluded from scope of work, carried in associated street project unless otherwise indicated	350.00	\$ 875.00	-	\$ -	-	\$ -	-	\$ -
excluded from scope of work, carried in associated street project unless otherwise indicated	777.78	\$ 2,333.33	-	\$ -	-	\$ -	-	\$ -
	\$ 4,391.04	\$ 25,994.06	\$ 17,298.11	\$ 9,288.07				
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
based on percentage of construction cost	0.03	\$ 2,927.36	0.17	\$ 17,329.37	0.12	\$ 11,532.08	0.06	\$ 6,192.05
based on percentage of construction cost	0.01	\$ 1,463.68	0.09	\$ 8,664.69	0.06	\$ 5,766.04	0.03	\$ 3,096.02
	\$ 33,664.65	\$ 199,287.77	\$ 132,618.88	\$ 71,208.55				
	\$ 3,366.47	\$ 19,928.78	\$ 13,261.89	\$ 7,120.85				
	\$ 37,031.12	\$ 219,216.55	\$ 145,880.77	\$ 78,329.40				

Project ID	17	17	17	19
SubProject ID	50867	12133	12140	6802
Infrastructure Category	Bikeway/Trail	Bikeway/Trail	Bikeway/Trail	Street
Description	KM2: dedicated bike lane, all Type A corridors identified in Streetscape Assessment	KM2: new trail, west side of existing channel @ Janeway	KM1: new trail, west side of channel	Traffic calming, Circle, speed humps per public comment at 10/13/14 meeting
Assessment ID	KM2	KM2	KM1	LRT
Proposed Bikeways (Arterial, ft)	0	0	0	0
Proposed Bikeways (Collector, ft)	3947	0	0	0
Proposed Trails (ft)	0	1800	1400	0
Length in Existing R/W (ft)	3947	1800	1260	0
Length in Proposed R/W (ft)	0	0	140	0
Type A Streetscape length (ft)	1684	1684	2285	0
Material	Concrete	Concrete	Concrete	



Site Preparation and Grading			
Item No.	Description	Unit Price	Units
809-00-05	MOBILIZATION (TRAIL PROJECT)	\$ 4.00	LF
801-03-01	COLOR AUDIO/VIDEO RECORDING: PRE AND POST CONSTRUCTION	\$ 1.00	LF
801-00-04	CONSTRUCTION STAKING AND AS-BUILT (TRAILS)	\$ 2.50	LF
802-00-04	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (TRAILS, ADJACENT TO ACTIVE STREET)	\$ 2.50	LF
802-00-05	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (TRAILS, NOT ADJACENT TO ACTIVE STREET)	\$ 1.00	LF
810-00-05	CLEARING AND GRUBBING (TRAILS)	\$ 3.00	LF
816-01-01	REMOVE CONC. SIDEWALK	\$ 12.00	S.Y.
200-00	UNCLASSIFIED EXCAVATION	\$ 12.00	CY
222-03	CEMENT KILN DUST	\$ 60.00	TON
222-05	CEMENTITIOUS STABILIZED SUBGRADE	\$ 3.50	S.Y.

Paving			
Item No.	Description	Unit Price	Units
304-04	PORTLAND CEMENT CONCRETE PAVEMENT (6")	\$ 45.00	S.Y.
301-05-01	ASPHALT CONCRETE (TYPE S-3)	\$ 50.00	TON
301-06-01	ASPHALT CONCRETE (TYPE S-5)	\$ 55.00	TON
301-34	FREIGHT FOR ASPHALT DELIVERY (WITHIN CITY OF MOORE)	\$ 8.00	TON
301-35	INSTALLATION OF ASPHALT PAVEMENT (LABOR AND EQUIPMENT ONLY)	\$ 15.00	TON
313-00	TACK COAT	\$ 4.00	GAL
823-00-01	SIDEWALK (4" THICK)	\$ 50.00	S.Y.

Traffic			
Item No.	Description	Unit Price	Units
735-00	TRAFFIC STRIPE (PLASTIC) (4 INCH WIDE)	\$ 0.75	LF
735-04	TRAFFIC STRIPE (PLASTIC) (SYMBOLS)	\$ 125.00	EA

Erosion Control			
Item No.	Description	Unit Price	Units
900-07-04	EROSION CONTROL (TRAILS)	\$ 0.75	LF

Site Restoration and Project Close-Out			
Item No.	Description	Unit Price	Units
810-00-06	SITE RESTORATION (TRAILS)	\$ 2.50	LF
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.

Design and Testing			
Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS

Subtotal
Contingency 10%
Total Estimate

Site Preparation and Grading		\$ 26,506.16	\$ 32,700.00	\$ 24,943.33	\$ 100,000.00
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty
carried in associated street project unless otherwise indicated	-	\$ -	1,800.00	\$ 7,200.00	1,400.00
carried in associated street project unless otherwise indicated	-	\$ -	1,800.00	\$ 1,800.00	1,400.00
carried in associated street project unless otherwise indicated	-	\$ -	1,800.00	\$ 4,500.00	1,260.00
carried in associated street project unless otherwise indicated	-	\$ -	-	\$ -	-
carried in associated street project unless otherwise indicated	-	\$ -	1,800.00	\$ 1,800.00	1,260.00
carried in associated street project unless otherwise indicated	-	\$ -	1,800.00	\$ 5,400.00	1,400.00
carried in associated street project unless otherwise indicated	-	\$ -	-	\$ -	-
assume 15-sq.ft. per ft	935.56	\$ 11,226.67	1,000.00	\$ 12,000.00	777.78
assume 12% amendment rate, by weight, unit weight of soil: 120-lb/cu.ft.	90.94	\$ 5,456.16	-	\$ -	-
assume 5-ft bike lane, 15-sq.ft. per ft	2,806.67	\$ 9,823.33	-	\$ -	-

Paving		\$ 42,100.00	\$ 100,000.00	\$ 77,777.78	\$ -
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty
assume 5-ft bike lane, only used on concrete streets	935.56	\$ 42,100.00	-	\$ -	-
substitute for Type A, assumed density of 112-lb/sq.yd./in	-	\$ -	-	\$ -	-
substitute for Type B, assumed density of 112-lb/sq.yd./in	-	\$ -	-	\$ -	-
14-ton load assumed	-	\$ -	-	\$ -	-
application rate of 0.15-gallon per sq.yd. assumed	-	\$ -	-	\$ -	-
complete in-place with sand cushion	-	\$ -	2,000.00	\$ 100,000.00	1,555.56

Traffic		\$ 3,703.75	\$ -	\$ -	\$ -
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty
length of bike lane x 1.25 unless otherwise indicated	2,105.00	\$ 1,578.75	-	\$ -	-
assume 1-symbol per 100-ft bike lane	17.00	\$ 2,125.00	-	\$ -	-

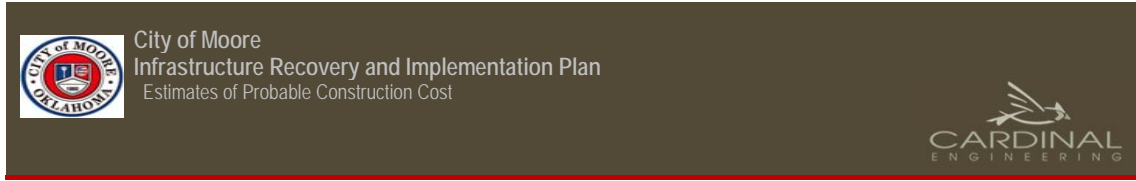
Erosion Control		\$ -	\$ 1,350.00	\$ 1,050.00	\$ -
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty
excluded from scope of work, carried in associated street project unless otherwise indicated	-	\$ -	1,800.00	\$ 1,350.00	1,400.00

Erosion Control		\$ -	\$ 16,500.00	\$ 12,833.33	\$ -
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty
excluded from scope of work, carried in associated street project unless otherwise indicated	-	\$ -	1,800.00	\$ 4,500.00	1,400.00
excluded from scope of work, carried in associated street project unless otherwise indicated	-	\$ -	4,000.00	\$ 12,000.00	3,111.11

Design and Testing		\$ 10,846.49	\$ 22,582.50	\$ 17,490.67	\$ 20,000.00
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty
based on percentage of construction cost	0.07	\$ 7,230.99	0.15	\$ 15,055.00	0.12
based on percentage of construction cost	0.04	\$ 3,615.50	0.08	\$ 7,527.50	0.06

\$ 83,156.40
\$ 173,132.50
\$ 134,095.11
\$ 120,000.00
\$ 8,315.64
\$ 17,313.25
\$ 13,409.51
\$ 12,000.00
\$ 91,472.04
\$ 190,445.75
\$ 147,504.62
\$ 132,000.00

Project ID	19	20	20	20
SubProject ID	50890	12893	8801	6002
Infrastructure Category	Bikeway/Trail	Bikeway/Trail	Bikeway/Trail	Bikeway/Trail
Description	KM3: dedicated bike lane, all Type A corridors identified in Streetscape Assessment	LR1: trail connection from termination of King's Manor Drive	multi-use trail along north side of Janeway Extension	Trail extension, west side of Little River
Assessment ID	KM3	LR1	KM3	LR1
Proposed Bikeways (Arterial, ft)	0	0	0	0
Proposed Bikeways (Collector, ft)	1986	0	0	0
Proposed Trails (ft)	0	400	1300	3200
Length in Existing R/W (ft)	1986	400	1300	2880
Length in Proposed R/W (ft)	0	0	0	320
Type A Streetscape length (ft)	4358	1179	4358	1179
Material	Concrete	Concrete	Concrete	Concrete



Site Preparation and Grading			
Item No.	Description	Unit Price	Units
809-00-05	MOBILIZATION (TRAIL PROJECT)	\$ 4.00	LF
801-03-01	COLOR AUDIO/VIDEO RECORDING: PRE AND POST CONSTRUCTION	\$ 1.00	LF
801-00-04	CONSTRUCTION STAKING AND AS-BUILT (TRAILS)	\$ 2.50	LF
802-00-04	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (TRAILS, ADJACENT TO ACTIVE STREET)	\$ 2.50	LF
802-00-05	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (TRAILS, NOT ADJACENT TO ACTIVE STREET)	\$ 1.00	LF
810-00-05	CLEARING AND GRUBBING (TRAILS)	\$ 3.00	LF
816-01-01	REMOVE CONC. SIDEWALK	\$ 12.00	S.Y.
200-00	UNCLASSIFIED EXCAVATION	\$ 12.00	CY
222-03	CEMENT KILN DUST	\$ 60.00	TON
222-05	CEMENTITIOUS STABILIZED SUBGRADE	\$ 3.50	S.Y.

Paving			
Item No.	Description	Unit Price	Units
304-04	PORTLAND CEMENT CONCRETE PAVEMENT (6")	\$ 45.00	S.Y.
301-05-01	ASPHALT CONCRETE (TYPE S-3)	\$ 50.00	TON
301-06-01	ASPHALT CONCRETE (TYPE S-5)	\$ 55.00	TON
301-34	FREIGHT FOR ASPHALT DELIVERY (WITHIN CITY OF MOORE)	\$ 8.00	TON
301-35	INSTALLATION OF ASPHALT PAVEMENT (LABOR AND EQUIPMENT ONLY)	\$ 15.00	TON
313-00	TACK COAT	\$ 4.00	GAL
823-00-01	SIDEWALK (4" THICK)	\$ 50.00	S.Y.

Traffic			
Item No.	Description	Unit Price	Units
735-00	TRAFFIC STRIPE (PLASTIC) (4 INCH WIDE)	\$ 0.75	LF
735-04	TRAFFIC STRIPE (PLASTIC) (SYMBOLS)	\$ 125.00	EA

Erosion Control			
Item No.	Description	Unit Price	Units
900-07-04	EROSION CONTROL (TRAILS)	\$ 0.75	LF

Site Restoration and Project Close-Out			
Item No.	Description	Unit Price	Units
810-00-06	SITE RESTORATION (TRAILS)	\$ 2.50	LF
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.

Design and Testing			
Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS

Subtotal
Contingency 10%
Total Estimate

Site Preparation and Grading		\$ 68,594.92	\$ 7,266.67	\$ 23,616.67	\$ 57,013.33	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
carried in associated street project unless otherwise indicated	-	\$ -	400.00	\$ 1,600.00	1,300.00	\$ 5,200.00
carried in associated street project unless otherwise indicated	-	\$ -	400.00	\$ 400.00	1,300.00	\$ 1,300.00
carried in associated street project unless otherwise indicated	-	\$ -	400.00	\$ 1,000.00	1,300.00	\$ 3,250.00
carried in associated street project unless otherwise indicated	-	\$ -	-	\$ -	-	\$ -
carried in associated street project unless otherwise indicated	-	\$ -	400.00	\$ 400.00	1,300.00	\$ 1,300.00
carried in associated street project unless otherwise indicated	-	\$ -	400.00	\$ 1,200.00	1,300.00	\$ 3,900.00
carried in associated street project unless otherwise indicated	-	\$ -	-	\$ -	-	\$ -
assume 15-sq.ft. per ft	2,421.11	\$ 29,053.33	222.22	\$ 2,666.67	722.22	\$ 8,666.67
assume 12% amendment rate, by weight, unit weight of soil: 120-lb/cu.ft.	235.33	\$ 14,119.92	-	\$ -	-	\$ -
assume 5-ft bike lane, 15-sq.ft. per ft	7,263.33	\$ 25,421.67	-	\$ -	-	\$ -

Paving		\$ 108,950.00	\$ 22,222.22	\$ 72,222.22	\$ 177,777.78	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
assume 5-ft bike lane, only used on concrete streets	2,421.11	\$ 108,950.00	-	\$ -	-	\$ -
substitute for Type A, assumed density of 112-lb/sq.yd./in	-	\$ -	-	\$ -	-	\$ -
substitute for Type B, assumed density of 112-lb/sq.yd./in	-	\$ -	-	\$ -	-	\$ -
14-ton load assumed	-	\$ -	-	\$ -	-	\$ -
application rate of 0.15-gallon per sq.yd. assumed	-	\$ -	-	\$ -	-	\$ -
complete in-place with sand cushion	-	\$ -	444.44	\$ 22,222.22	1,444.44	\$ 72,222.22

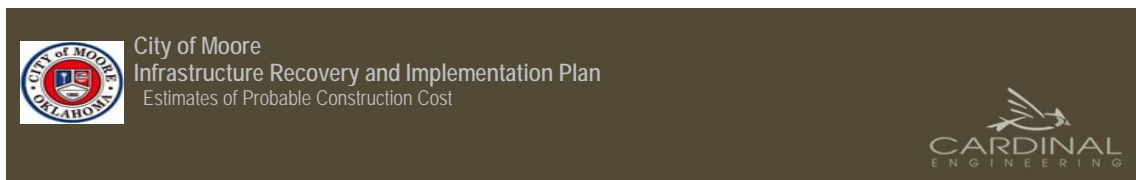
Traffic		\$ 9,585.63	\$ -	\$ -	\$ -	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
length of bike lane x 1.25 unless otherwise indicated	5,447.50	\$ 4,085.63	-	\$ -	-	\$ -
assume 1-symbol per 100-ft bike lane	44.00	\$ 5,500.00	-	\$ -	-	\$ -

Erosion Control		\$ -	\$ 300.00	\$ 975.00	\$ 2,400.00	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
excluded from scope of work, carried in associated street project unless otherwise indicated	-	\$ -	400.00	\$ 300.00	1,300.00	\$ 975.00

Erosion Control		\$ -	\$ 3,666.67	\$ 11,916.67	\$ 29,333.33	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
excluded from scope of work, carried in associated street project unless otherwise indicated	-	\$ -	400.00	\$ 1,000.00	1,300.00	\$ 3,250.00
excluded from scope of work, carried in associated street project unless otherwise indicated	-	\$ -	888.89	\$ 2,666.67	2,888.89	\$ 8,666.67

Design and Testing		\$ 28,069.58	\$ 5,018.33	\$ 16,309.58	\$ 39,978.67	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
based on percentage of construction cost	0.19	\$ 18,713.05	0.03	\$ 3,345.56	0.11	\$ 10,873.06
based on percentage of construction cost	0.09	\$ 9,356.53	0.02	\$ 1,672.78	0.05	\$ 5,436.53

Subtotal
Contingency 10%
Total Estimate



Site Preparation and Grading			
Item No.	Description	Unit Price	Units
809-00-05	MOBILIZATION (TRAIL PROJECT)	\$ 4.00	LF
801-03-01	COLOR AUDIO/VIDEO RECORDING: PRE AND POST CONSTRUCTION	\$ 1.00	LF
801-00-04	CONSTRUCTION STAKING AND AS-BUILT (TRAILS)	\$ 2.50	LF
802-00-04	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (TRAILS, ADJACENT TO ACTIVE STREET)	\$ 2.50	LF
802-00-05	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (TRAILS, NOT ADJACENT TO ACTIVE STREET)	\$ 1.00	LF
810-00-05	CLEARING AND GRUBBING (TRAILS)	\$ 3.00	LF
816-01-01	REMOVE CONC. SIDEWALK	\$ 12.00	S.Y.
200-00	UNCLASSIFIED EXCAVATION	\$ 12.00	CY
222-03	CEMENT KILN DUST	\$ 60.00	TON
222-05	CEMENTITIOUS STABILIZED SUBGRADE	\$ 3.50	S.Y.

Paving			
Item No.	Description	Unit Price	Units
304-04	PORTLAND CEMENT CONCRETE PAVEMENT (6")	\$ 45.00	S.Y.
301-05-01	ASPHALT CONCRETE (TYPE S-3)	\$ 50.00	TON
301-06-01	ASPHALT CONCRETE (TYPE S-5)	\$ 55.00	TON
301-34	FREIGHT FOR ASPHALT DELIVERY (WITHIN CITY OF MOORE)	\$ 8.00	TON
301-35	INSTALLATION OF ASPHALT PAVEMENT (LABOR AND EQUIPMENT ONLY)	\$ 15.00	TON
313-00	TACK COAT	\$ 4.00	GAL
823-00-01	SIDEWALK (4" THICK)	\$ 50.00	S.Y.

Traffic			
Item No.	Description	Unit Price	Units
735-00	TRAFFIC STRIPE (PLASTIC) (4 INCH WIDE)	\$ 0.75	LF
735-04	TRAFFIC STRIPE (PLASTIC) (SYMBOLS)	\$ 125.00	EA

Erosion Control			
Item No.	Description	Unit Price	Units
900-07-04	EROSION CONTROL (TRAILS)	\$ 0.75	LF

Site Restoration and Project Close-Out			
Item No.	Description	Unit Price	Units
810-00-06	SITE RESTORATION (TRAILS)	\$ 2.50	LF
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.

Design and Testing			
Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS

Subtotal
Contingency 10%
Total Estimate

Project ID	20	23	26	29
SubProject ID	52807	51232	51222	12891
Infrastructure Category	Bikeway/Trail	Bikeway/Trail	Bikeway/Trail	Bikeway/Trail
Description	LR1: miscellaneous trail repair and extension, associated utility and site work	MH2: dedicated bike lane, all Type A corridors identified in Streetscape Assessment	EJ5: dedicated bike lane, all Type A corridors identified in Streetscape Assessment	BA2: 10-ft multi-use trail, Veteran's Park to Buck Thomas Park
Assessment ID	LR1	MH2	EJ5	BA2
Proposed Bikeways (Arterial, ft)	0	0	0	0
Proposed Bikeways (Collector, ft)	0	826	4805	0
Proposed Trails (ft)	3000	0	0	5400
Length in Existing R/W (ft)	3000	826	4805	4860
Length in Proposed R/W (ft)	0	0	0	540
Type A Streetscape length (ft)	1179	827	3299	2636
Material	Concrete	Asphalt	Concrete	Concrete

Site Preparation and Grading		\$ 674,500.00	\$ 13,016.98	\$ 51,926.26	\$ 96,210.00	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
carried in associated street project unless otherwise indicated	19,000.00	\$ 76,000.00	-	\$ -	5,400.00	\$ 21,600.00
carried in associated street project unless otherwise indicated	19,000.00	\$ 19,000.00	-	\$ -	5,400.00	\$ 5,400.00
carried in associated street project unless otherwise indicated	19,000.00	\$ 47,500.00	-	\$ -	4,860.00	\$ 12,150.00
carried in associated street project unless otherwise indicated	-	\$ -	-	\$ -	-	\$ -
carried in associated street project unless otherwise indicated	19,000.00	\$ 19,000.00	-	\$ -	4,860.00	\$ 4,860.00
carried in associated street project unless otherwise indicated	19,000.00	\$ 57,000.00	-	\$ -	5,400.00	\$ 16,200.00
carried in associated street project unless otherwise indicated	19,000.00	\$ 228,000.00	-	\$ -	-	\$ -
assume 15-sq.ft. per ft	19,000.00	\$ 228,000.00	459.44	\$ 5,513.33	1,832.78	\$ 21,993.33
assume 12% amendment rate, by weight, unit weight of soil: 120-lb/cu.ft.	-	\$ -	44.66	\$ 2,679.48	178.15	\$ 10,688.76
assume 5-ft bike lane, 15-sq.ft. per ft	-	\$ -	1,378.33	\$ 4,824.17	5,498.33	\$ 19,244.17

Paving		\$ 950,000.00	\$ 11,616.57	\$ 82,475.00	\$ 300,000.00	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
assume 5-ft bike lane, only used on concrete streets	-	\$ -	-	\$ -	1,832.78	\$ 82,475.00
substitute for Type A, assumed density of 112-lb/sq.yd./in	-	\$ -	98.80	\$ 4,939.84	-	\$ -
substitute for Type B, assumed density of 112-lb/sq.yd./in	-	\$ -	49.40	\$ 2,716.91	-	\$ -
14-ton load assumed	-	\$ -	148.20	\$ 1,185.56	-	\$ -
	-	\$ -	148.20	\$ 2,222.93	-	\$ -
application rate of 0.15-gallon per sq.yd. assumed	-	\$ -	137.83	\$ 551.33	-	\$ -
complete in-place with sand cushion	19,000.00	\$ 950,000.00	-	\$ -	6,000.00	\$ 300,000.00

Traffic		\$ -	\$ 1,900.31	\$ 7,217.81	\$ -	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
length of bike lane x 1.25 unless otherwise indicated	-	\$ -	1,033.75	\$ 775.31	4,123.75	\$ 3,092.81
assume 1-symbol per 100-ft bike lane	-	\$ -	9.00	\$ 1,125.00	33.00	\$ 4,125.00

Erosion Control		\$ 14,250.00	\$ -	\$ -	\$ 4,050.00	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
excluded from scope of work, carried in associated street project unless otherwise indicated	19,000.00	\$ 14,250.00	-	\$ -	5,400.00	\$ 4,050.00

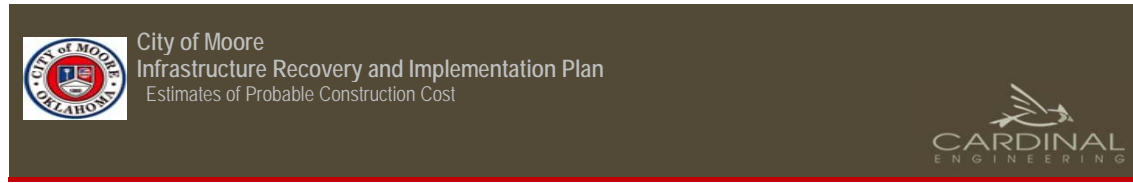
Erosion Control		\$ 104,500.00	\$ -	\$ -	\$ 49,500.00	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
excluded from scope of work, carried in associated street project unless otherwise indicated	19,000.00	\$ 47,500.00	-	\$ -	5,400.00	\$ 13,500.00
excluded from scope of work, carried in associated street project unless otherwise indicated	19,000.00	\$ 57,000.00	-	\$ -	12,000.00	\$ 36,000.00

Design and Testing		\$ 110,000.00	\$ 3,980.08	\$ 21,242.86	\$ 67,464.00	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
based on percentage of construction cost	0.90	\$ 90,000.00	0.03	\$ 2,653.39	0.14	\$ 14,161.91
based on percentage of construction cost	0.20	\$ 20,000.00	0.01	\$ 1,326.69	0.07	\$ 7,080.95

Subtotal
\$ 1,853,250.00
\$ 30,513.94
\$ 162,861.93
\$ 517,224.00

Contingency 10%
\$ 185,325.00
\$ 3,051.39
\$ 16,286.19
\$ 51,722.40

Total Estimate
\$ 2,038,575.00
\$ 33,565.33
\$ 179,148.13
\$ 568,946.40



Site Preparation and Grading			
Item No.	Description	Unit Price	Units
809-00-05	MOBILIZATION (TRAIL PROJECT)	\$ 4.00	LF
801-03-01	COLOR AUDIO/VIDEO RECORDING: PRE AND POST CONSTRUCTION	\$ 1.00	LF
801-00-04	CONSTRUCTION STAKING AND AS-BUILT (TRAILS)	\$ 2.50	LF
802-00-04	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (TRAILS, ADJACENT TO ACTIVE STREET)	\$ 2.50	LF
802-00-05	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (TRAILS, NOT ADJACENT TO ACTIVE STREET)	\$ 1.00	LF
810-00-05	CLEARING AND GRUBBING (TRAILS)	\$ 3.00	LF
816-01-01	REMOVE CONC. SIDEWALK	\$ 12.00	S.Y.
200-00	UNCLASSIFIED EXCAVATION	\$ 12.00	CY
222-03	CEMENT KILN DUST	\$ 60.00	TON
222-05	CEMENTITIOUS STABILIZED SUBGRADE	\$ 3.50	S.Y.

Paving			
Item No.	Description	Unit Price	Units
304-04	PORTLAND CEMENT CONCRETE PAVEMENT (6")	\$ 45.00	S.Y.
301-05-01	ASPHALT CONCRETE (TYPE S-3)	\$ 50.00	TON
301-06-01	ASPHALT CONCRETE (TYPE S-5)	\$ 55.00	TON
301-34	FREIGHT FOR ASPHALT DELIVERY (WITHIN CITY OF MOORE)	\$ 8.00	TON
301-35	INSTALLATION OF ASPHALT PAVEMENT (LABOR AND EQUIPMENT ONLY)	\$ 15.00	TON
313-00	TACK COAT	\$ 4.00	GAL
823-00-01	SIDEWALK (4" THICK)	\$ 50.00	S.Y.

Traffic			
Item No.	Description	Unit Price	Units
735-00	TRAFFIC STRIPE (PLASTIC) (4 INCH WIDE)	\$ 0.75	LF
735-04	TRAFFIC STRIPE (PLASTIC) (SYMBOLS)	\$ 125.00	EA

Erosion Control			
Item No.	Description	Unit Price	Units
900-07-04	EROSION CONTROL (TRAILS)	\$ 0.75	LF

Site Restoration and Project Close-Out			
Item No.	Description	Unit Price	Units
810-00-06	SITE RESTORATION (TRAILS)	\$ 2.50	LF
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.

Design and Testing			
Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS

Subtotal
Contingency 10%
Total Estimate

Project ID	31	35	39
SubProject ID	50854	51235	50848
Infrastructure Category	Bikeway/Trail	Drainage	Bikeway/Trail
Description	N4C: 10-ft multi-use trail, south side of SE 4th Street	Sub-Area SM2: Construction of new public storm sewer throughout sub-area	N4B: 10-ft multi-use trail, south side of SE 4th Street
Assessment ID	N4C	SM2	N4B
Proposed Bikeways (Arterial, ft)	0	745	0
Proposed Bikeways (Collector, ft)	0	645	0
Proposed Trails (ft)	5400	13	3600
Length in Existing R/W (ft)	4860	0	3240
Length in Proposed R/W (ft)	540	0	360
Type A Streetscape length (ft)	5354	1490	2903
Material	Concrete	645	Concrete
		26	

Site Preparation and Grading		\$ 154,530.00	\$ 61,892.50	\$ 64,140.00
Notes	Qty	Sub-Total	Qty	Sub-Total
carried in associated street project unless otherwise indicated	5,400.00	\$ 21,600.00	-	\$ -
carried in associated street project unless otherwise indicated	5,400.00	\$ 5,400.00	-	\$ -
carried in associated street project unless otherwise indicated	4,860.00	\$ 12,150.00	-	\$ -
carried in associated street project unless otherwise indicated	-	\$ -	-	\$ -
carried in associated street project unless otherwise indicated	4,860.00	\$ 4,860.00	-	\$ -
carried in associated street project unless otherwise indicated	5,400.00	\$ 16,200.00	-	\$ -
carried in associated street project unless otherwise indicated	4,860.00	\$ 58,320.00	-	\$ -
assume 15-sq.ft. per ft	3,000.00	\$ 36,000.00	-	\$ -
assume 12% amendment rate, by weight, unit weight of soil: 120-lb/cu.ft.	-	\$ -	-	\$ -
assume 5-ft bike lane, 15-sq.ft. per ft	-	\$ -	-	\$ -

Paving		\$ 300,000.00	\$ -	\$ 200,000.00
Notes	Qty	Sub-Total	Qty	Sub-Total
assume 5-ft bike lane, only used on concrete streets	-	\$ -	-	\$ -
substitute for Type A, assumed density of 112-lb/sq.yd./in	-	\$ -	-	\$ -
substitute for Type B, assumed density of 112-lb/sq.yd./in	-	\$ -	-	\$ -
14-ton load assumed	-	\$ -	-	\$ -
application rate of 0.15-gallon per sq.yd. assumed	-	\$ -	-	\$ -
complete in-place with sand cushion	6,000.00	\$ 300,000.00	-	\$ -

Traffic		\$ -	\$ -	\$ -
Notes	Qty	Sub-Total	Qty	Sub-Total
length of bike lane x 1.25 unless otherwise indicated	-	\$ -	-	\$ -
assume 1-symbol per 100-ft bike lane	-	\$ -	-	\$ -

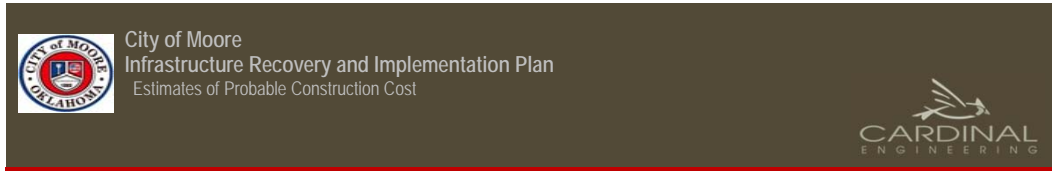
Erosion Control		\$ -	\$ 5,337.50	\$ 2,700.00
Notes	Qty	Sub-Total	Qty	Sub-Total
excluded from scope of work, carried in associated street project unless otherwise indicated	-	\$ -	-	\$ -
			3,600.00	\$ 2,700.00

Erosion Control		\$ 20,523.67	\$ 10,675.00	\$ 33,000.00
Notes	Qty	Sub-Total	Qty	Sub-Total
excluded from scope of work, carried in associated street project unless otherwise indicated	-	\$ -	-	\$ -
excluded from scope of work, carried in associated street project unless otherwise indicated	-	\$ -	-	\$ -
			8,000.00	\$ 24,000.00

Design and Testing		\$ -	\$ 32,518.27	\$ 44,976.00
Notes	Qty	Sub-Total	Qty	Sub-Total
based on percentage of construction cost	-	\$ -	-	\$ -
based on percentage of construction cost	-	\$ -	-	\$ -
			0.30	\$ 29,984.00
			0.15	\$ 14,992.00

	\$ 475,053.67	\$ 438,996.60	\$ 344,816.00
	\$ 47,505.37	\$ 43,899.66	\$ 34,481.60
	\$ 522,559.03	\$ 482,896.26	\$ 379,297.60

Project ID	2	2	2	4	4
SubProject ID	9617	10017	9616	3204	54407
Infrastructure Category	Gateway/Streetscape	Gateway/Streetscape	Gateway/Streetscape	Gateway/Streetscape	Gateway/Streetscape
Description	Gateway: SW 19th & Lonnie Lane	Gateway: SW 19th & Meech Dr.	Gateway: SW19th & Westmore Dr.	modifications to termination of Penn Lane	PT2: streetscape and intersection improvements
Assessment ID	BW2	BW2	BW2	PT2	
Roadway Frontage Length (ft)	685	675	820		
Frontage Depth (ft)	40	40	40		
Public Entrance Count (ea)	1	1	1		
Intersection A (ea) Intersection B (ea)					4 3
Intersection C (ea)					7
Streetscape A (ft)					1273
Streetscape B (ft)					3126
Streetscape C (ft)					4508



Site Preparation and Grading			
Item No.	Description	Unit Price	Units
809-00-07	MOBILIZATION (GATEWAY/STREETSCAPE PROJECT)	\$ 10,000.00	LS
810-05	CLEARING AND GRUBBING	\$ 2.00	LF
801-03-02	COLOR AUDIO/VIDEO RECORDING: PRE AND POST CONSTRUCTION (GATEWAY/STREETSCAPE PROJECT)	\$ 1,000.00	LS
801-00-06	CONSTRUCTION STAKING (GATEWAY/STREETSCAPE PROJECT)	\$ 5,000.00	LS
802-00-07	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (GATEWAY/STREETSCAPE PROJECT)	\$ 5,000.00	LS
100-01-06	MISCELLANEOUS IMPROVEMENTS (UTILITIES)	\$ 100,000.00	LS
100-01-07	MISCELLANEOUS IMPROVEMENTS (GATEWAY/STREETSCAPE)	\$ 100,000.00	LS

Site Preparation and Grading			
Notes	Qty	Sub-Total	
carried in street contract unless otherwise indicated	1.00	\$ 10,000.00	
carried in street contract unless otherwise indicated	685.00	\$ 1,370.00	
carried in street contract unless otherwise indicated	1.00	\$ 1,000.00	
carried in street contract unless otherwise indicated	1.00	\$ 5,000.00	
carried in street contract unless otherwise indicated	1.00	\$ 5,000.00	
allowance item to address utility conflicts	1.50	\$ 150,000.00	
allowance item to address uncatgorized improvements		\$ -	

Site Preparation and Grading			
Notes	Qty	Sub-Total	
carried in street contract unless otherwise indicated	1.00	\$ 10,000.00	
carried in street contract unless otherwise indicated	675.00	\$ 1,350.00	
carried in street contract unless otherwise indicated	1.00	\$ 1,000.00	
carried in street contract unless otherwise indicated	1.00	\$ 5,000.00	
carried in street contract unless otherwise indicated	1.00	\$ 5,000.00	
allowance item to address utility conflicts	1.50	\$ 150,000.00	
allowance item to address uncatgorized improvements		\$ -	

Site Preparation and Grading			
Notes	Qty	Sub-Total	
carried in street contract unless otherwise indicated	1.00	\$ 10,000.00	
carried in street contract unless otherwise indicated	820.00	\$ 1,640.00	
carried in street contract unless otherwise indicated	1.00	\$ 1,000.00	
carried in street contract unless otherwise indicated	1.00	\$ 5,000.00	
carried in street contract unless otherwise indicated	1.00	\$ 5,000.00	
allowance item to address utility conflicts	1.50	\$ 150,000.00	
allowance item to address uncatgorized improvements	0.50	\$ 50,000.00	

Paving			
Item No.	Description	Unit Price	Units
304-10	PORTLAND CEMENT CONCRETE PAVEMENT (BATCHED COLOR)	\$ 100.00	S.Y.

Paving			
Notes	Qty	Sub-Total	
integral color, stamped concrete paving	575.00	\$ 57,500.00	

Paving			
Notes	Qty	Sub-Total	
integral color, stamped concrete paving	575.00	\$ 57,500.00	

Paving			
Notes	Qty	Sub-Total	
integral color, stamped concrete paving	575.00	\$ 57,500.00	

Gateway / Streetscape			
Item No.	Description	Unit Price	Units
420-01	PRIMARY ENTRY FEATURE/SIGN	\$ 25,000.00	EA
420-02	SECONDARY ENTRY FEATURE/SIGN	\$ 10,000.00	EA
420-03	TERTIARY ENTRY FEATURE/MONUMENT	\$ 5,000.00	EA
420-04	BOUNDARY MARKER/COLUMN	\$ 3,000.00	EA
828-00	FENCE - TYPE I	\$ 30.00	LF
828-02	FENCE - TYPE II	\$ 25.00	LF
832-00	LIGHT POLE (DECORATIVE) (SP)	\$ 3,500.00	EA
843-04	TREES (SP)	\$ 500.00	EA
845-14	SHRUBS (SP)	\$ 2.00	SF
846-01	IRRIGATION SYSTEM-COMPLETE IN PLACE	\$ 1.00	SF
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.
100-01-08	GATEWAY/STREETSCAPE ALLOWANCE (INTERSECTION TYPE A)	\$ 100,000.00	EA
100-01-09	GATEWAY/STREETSCAPE ALLOWANCE (INTERSECTION TYPE B)	\$ 75,000.00	EA
100-01-10	GATEWAY/STREETSCAPE ALLOWANCE (INTERSECTION TYPE C)	\$ 50,000.00	EA
100-01-11	GATEWAY/STREETSCAPE ALLOWANCE (STREETSCAPE TYPE A)	\$ 125.00	LF
100-01-12	GATEWAY/STREETSCAPE ALLOWANCE (STREETSCAPE TYPE B)	\$ 75.00	LF
100-01-13	GATEWAY/STREETSCAPE ALLOWANCE (STREETSCAPE TYPE C)	\$ 50.00	LF

Gateway / Streetscape			
Notes	Qty	Sub-Total	
large stone monument sign	1.00	\$ 25,000.00	
small stone monument sign	-	\$ -	
large stone column	2.00	\$ 10,000.00	
small stone column (100-ft on center)	7.00	\$ 21,000.00	
concrete split rail fence	-	\$ -	
wood stockade fence	685.00	\$ 17,125.00	
decorative light pole w/ banner arm	7.00	\$ 24,500.00	
3" caliper shade tree (40' O.C.)	18.00	\$ 9,000.00	
shrubs, groundcover & mulch	6,850.00	\$ 13,700.00	
automated in-ground irrigation system	27,400.00	\$ 27,400.00	
bermuda sod	2,283.33	\$ 6,850.00	
allowance item for improvements beyond city standards	-	\$ -	
allowance item for improvements beyond city standards	-	\$ -	
allowance item for improvements beyond city standards	-	\$ -	
allowance item for improvements beyond city standards	-	\$ -	
allowance item for improvements beyond city standards	-	\$ -	
allowance item for improvements beyond city standards	-	\$ -	

Gateway / Streetscape			
Notes	Qty	Sub-Total	
large stone monument sign	1.00	\$ 25,000.00	
small stone monument sign	-	\$ -	
large stone column	2.00	\$ 10,000.00	
small stone column (100-ft on center)	7.00	\$ 21,000.00	
concrete split rail fence	-	\$ -	
wood stockade fence	675.00	\$ 16,875.00	
decorative light pole w/ banner arm	7.00	\$ 24,500.00	
3" caliper shade tree (40' O.C.)	17.00	\$ 8,500.00	
shrubs, groundcover & mulch	6,750.00	\$ 13,500.00	
automated in-ground irrigation system	27,000.00	\$ 27,000.00	
bermuda sod	2,250.00	\$ 6,750.00	
allowance item for improvements beyond city standards	-	\$ -	
allowance item for improvements beyond city standards	-	\$ -	
allowance item for improvements beyond city standards	-	\$ -	
allowance item for improvements beyond city standards	-	\$ -	
allowance item for improvements beyond city standards	-	\$ -	
allowance item for improvements beyond city standards	-	\$ -	

Gateway / Streetscape			
Notes	Qty	Sub-Total	
large stone monument sign	1.00	\$ 25,000.00	
small stone monument sign	-	\$ -	
large stone column	2.00	\$ 10,000.00	
small stone column (100-ft on center)	9.00	\$ 27,000.00	
concrete split rail fence	-	\$ -	
wood stockade fence	820.00	\$ 20,500.00	
decorative light pole w/ banner arm	9.00	\$ 31,500.00	
3" caliper shade tree (40' O.C.)	21.00	\$ 10,500.00	
shrubs, groundcover & mulch	8,200.00	\$ 16,400.00	
automated in-ground irrigation system	32,800.00	\$ 32,800.00	
bermuda sod	2,733.33	\$ 8,200.00	
allowance item for improvements beyond city standards	-	\$ -	
allowance item for improvements beyond city standards	-	\$ -	
allowance item for improvements beyond city standards	-	\$ -	
allowance item for improvements beyond city standards	-	\$ -	
allowance item for improvements beyond city standards	-	\$ -	
allowance item for improvements beyond city standards	-	\$ -	

Erosion Control			
Item No.	Description	Unit Price	Units
900-07-06	EROSION CONTROL (GATEWAY)	\$ 2,500.00	LS

Erosion Control			
Notes	Qty	Sub-Total	
	1.00	\$ 2,500.00	

Erosion Control			
Notes	Qty	Sub-Total	
	1.00	\$ 2,500.00	

Erosion Control			
Notes	Qty	Sub-Total	
	1.00	\$ 2,500.00	

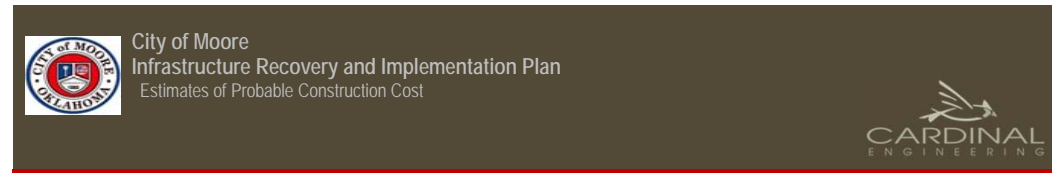
Design and Testing			
Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS

Design and Testing			
Notes	Qty	Sub-Total	
based on percentage of construction cost	0.27	\$ 27,086.15	
based on percentage of construction cost	0.02	\$ 1,934.73	

Design and Testing			
Notes	Qty	Sub-Total	
based on percentage of construction cost	0.27	\$ 26,983.25	
based on percentage of construction cost	0.02	\$ 1,927.38	

Design and Testing			
Notes	Qty	Sub-Total	
based on percentage of construction cost	0.29	\$ 29,017.80	
based on percentage of construction cost	0.00	\$ 250.00	

Subtotal	\$ 358,465.88	\$ 356,885.63	\$ 388,130.50	\$ 53,750.00	\$ 1,713,523.13
Contingency 10%	\$ 35,846.59	\$ 35,688.56	\$ 38,813.05	\$ 5,375.00	\$ 171,352.31
Total Estimate	\$ 394,312.46	\$ 392,574.19	\$ 426,943.55	\$ 59,125.00	\$ 1,884,875.44



Project ID	5	5	7	9	11
SubProject ID	4811	5201	54008	54009	54010
Infrastructure Category	Gateway/Streetscape	Gateway/Streetscape	Gateway/Streetscape	Gateway/Streetscape	Gateway/Streetscape
Description	Gateway: Santa Fe and SW 11th Street	Gateway: Santa Fe and SW 14th Street	PT3: streetscape and intersection improvements	PT4: streetscape and intersection improvements	PT5: streetscape and intersection improvements
Assessment ID	PT2	PT2			
Roadway Frontage Length (ft)	640	1250			
Frontage Depth (ft)	20	20			
Public Entrance Count (ea)	2	4			
Intersection A (ea) Intersection B (ea)			1 4	0 0	1 3
Intersection C (ea)			5	7	12
Streetscape A (ft)			3366	0	0
Streetscape B (ft)			576	996	7022
Streetscape C (ft)			4321	4278	6765

Site Preparation and Grading			
Item No.	Description	Unit Price	Units
809-00-07	MOBILIZATION (GATEWAY/STREETSCAPE PROJECT)	\$ 10,000.00	LS
810-05	CLEARING AND GRUBBING	\$ 2.00	LF
801-03-02	COLOR AUDIO/VIDEO RECORDING: PRE AND POST CONSTRUCTION (GATEWAY/STREETSCAPE PROJECT)	\$ 1,000.00	LS
801-00-06	CONSTRUCTION STAKING (GATEWAY/STREETSCAPE PROJECT)	\$ 5,000.00	LS
802-00-07	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (GATEWAY/STREETSCAPE PROJECT)	\$ 5,000.00	LS
100-01-06	MISCELLANEOUS IMPROVEMENTS (UTILITIES)	\$ 100,000.00	LS
100-01-07	MISCELLANEOUS IMPROVEMENTS (GATEWAY/STREETSCAPE)	\$ 100,000.00	LS

Site Preparation and Grading				\$ 172,280.00		\$ 173,500.00		\$ -		\$ -		\$ -	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	
carried in street contract unless otherwise indicated	1.00	\$ 10,000.00	1.00	\$ 10,000.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
carried in street contract unless otherwise indicated	640.00	\$ 1,280.00	1,250.00	\$ 2,500.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
carried in street contract unless otherwise indicated	1.00	\$ 1,000.00	1.00	\$ 1,000.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
carried in street contract unless otherwise indicated	1.00	\$ 5,000.00	1.00	\$ 5,000.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
carried in street contract unless otherwise indicated	1.00	\$ 5,000.00	1.00	\$ 5,000.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
allowance item to address utility conflicts	1.50	\$ 150,000.00	1.50	\$ 150,000.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
allowance item to address uncatgorized improvements		\$ -		\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	

Paving			
Item No.	Description	Unit Price	Units
304-10	PORTLAND CEMENT CONCRETE PAVEMENT (BATCHED COLOR)	\$ 100.00	S.Y.

Paving				\$ 15,000.00		\$ 15,000.00		\$ -		\$ -		\$ -	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	
integral color, stamped concrete paving	150.00	\$ 15,000.00	150.00	\$ 15,000.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	

Gateway / Streetscape			
Item No.	Description	Unit Price	Units
420-01	PRIMARY ENTRY FEATURE/SIGN	\$ 25,000.00	EA
420-02	SECONDARY ENTRY FEATURE/SIGN	\$ 10,000.00	EA
420-03	TERTIARY ENTRY FEATURE/MONUMENT	\$ 5,000.00	EA
420-04	BOUNDARY MARKER/COLUMN	\$ 3,000.00	EA
828-00	FENCE - TYPE I	\$ 30.00	LF
828-02	FENCE - TYPE II	\$ 25.00	LF
832-00	LIGHT POLE (DECORATIVE) (SP)	\$ 3,500.00	EA
843-04	TREES (SP)	\$ 500.00	EA
845-14	SHRUBS (SP)	\$ 2.00	SF
846-01	IRRIGATION SYSTEM-COMPLETE IN PLACE	\$ 1.00	SF
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.
100-01-08	GATEWAY/STREETSCAPE ALLOWANCE (INTERSECTION TYPE A)	\$ 100,000.00	EA
100-01-09	GATEWAY/STREETSCAPE ALLOWANCE (INTERSECTION TYPE B)	\$ 75,000.00	EA
100-01-10	GATEWAY/STREETSCAPE ALLOWANCE (INTERSECTION TYPE C)	\$ 50,000.00	EA
100-01-11	GATEWAY/STREETSCAPE ALLOWANCE (STREETSCAPE TYPE A)	\$ 125.00	LF
100-01-12	GATEWAY/STREETSCAPE ALLOWANCE (STREETSCAPE TYPE B)	\$ 75.00	LF
100-01-13	GATEWAY/STREETSCAPE ALLOWANCE (STREETSCAPE TYPE C)	\$ 50.00	LF

Gateway / Streetscape				\$ 116,900.00		\$ 220,500.00		\$ 1,330,000.00		\$ 638,600.00		\$ 1,789,900.00	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	
large stone monument sign	-	\$ -		\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
small stone monument sign	1.00	\$ 10,000.00	1.00	\$ 10,000.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
large stone column	3.00	\$ 15,000.00	7.00	\$ 35,000.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
small stone column (100-ft on center)	7.00	\$ 21,000.00	13.00	\$ 39,000.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
concrete split rail fence	-	\$ -		\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
wood stockade fence	640.00	\$ 16,000.00	1,250.00	\$ 31,250.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
decorative light pole w/ banner arm	7.00	\$ 24,500.00	13.00	\$ 45,500.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
3" caliper shade tree (40' O.C.)	16.00	\$ 8,000.00	32.00	\$ 16,000.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
shrubs, groundcover & mulch	3,200.00	\$ 6,400.00	6,250.00	\$ 12,500.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
automated in-ground irrigation system	12,800.00	\$ 12,800.00	25,000.00	\$ 25,000.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
bermuda sod	1,066.67	\$ 3,200.00	2,083.33	\$ 6,250.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
allowance item for improvements beyond city standards	-	\$ -	-	\$ -	1.00	\$ 100,000.00	-	\$ -	-	\$ -	1.00	\$ 100,000.00	
allowance item for improvements beyond city standards	-	\$ -	-	\$ -	4.00	\$ 300,000.00	-	\$ -	-	\$ -	3.00	\$ 225,000.00	
allowance item for improvements beyond city standards	-	\$ -	-	\$ -	5.00	\$ 250,000.00	7.00	\$ 350,000.00	-	\$ -	12.00	\$ 600,000.00	
allowance item for improvements beyond city standards	-	\$ -	-	\$ -	3,366.00	\$ 420,750.00	-	\$ -	-	\$ -	-	\$ -	
allowance item for improvements beyond city standards	-	\$ -	-	\$ -	576.00	\$ 43,200.00	996.00	\$ 74,700.00	-	\$ -	7,022.00	\$ 526,650.00	
allowance item for improvements beyond city standards	-	\$ -	-	\$ -	4,321.00	\$ 216,050.00	4,278.00	\$ 213,900.00	-	\$ -	6,765.00	\$ 338,250.00	

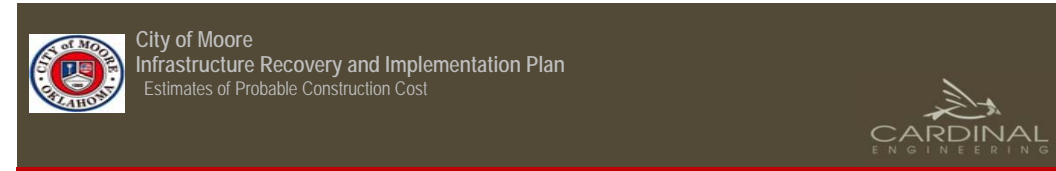
Erosion Control			
Item No.	Description	Unit Price	Units
900-07-06	EROSION CONTROL (GATEWAY)	\$ 2,500.00	LS

Erosion Control				\$ 2,500.00		\$ 2,500.00		\$ -		\$ -		\$ -	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	
	1.00	\$ 2,500.00	1.00	\$ 2,500.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	

Design and Testing			
Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS

Design and Testing				\$ 23,001.00		\$ 30,862.50		\$ 99,750.00		\$ 47,895.00		\$ 134,242.50	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	
based on percentage of construction cost	0.21	\$ 21,467.60	0.29	\$ 28,805.00	0.93	\$ 93,100.00	0.45	\$ 44,702.00	1.25	\$ 125,293.00			
based on percentage of construction cost	0.02	\$ 1,533.40	0.02	\$ 2,057.50	0.07	\$ 6,650.00	0.03	\$ 3,193.00	0.09	\$ 8,949.50			

Subtotal	\$ 314,681.00	\$ 427,362.50	\$ 1,429,750.00	\$ 686,495.00	\$ 1,924,142.50
Contingency 10%	\$ 31,468.10	\$ 42,736.25	\$ 142,975.00	\$ 68,649.50	\$ 192,414.25
Total Estimate	\$ 346,149.10	\$ 470,098.75	\$ 1,572,725.00	\$ 755,144.50	\$ 2,116,556.75



Project ID	13	13	13	13	13
SubProject ID	10020	9618	9619	10018	10019
Infrastructure Category	Gateway/Streetscape	Gateway/Streetscape	Gateway/Streetscape	Gateway/Streetscape	Gateway/Streetscape
Description	Gateway: S. Eastern Ave. & SE 6th St.	Gateway: SE 4th & S. Silverleaf Dr.	Gateway: SE 4th St & S. Patterson Dr.	Gateway: SE 4th St. & S. Avery Dr.	Gateway: SE 4th St. & S. Bouziden Dr.
Assessment ID	EJ2	EJ2	EJ2	EJ2	EJ2
Roadway Frontage Length (ft)	675	295	290	300	290
Frontage Depth (ft)	20	20	20	20	20
Public Entrance Count (ea)	1	1	1	1	1
Intersection A (ea) Intersection B (ea)					
Intersection C (ea)					
Streetscape A (ft)					
Streetscape B (ft)					
Streetscape C (ft)					

Site Preparation and Grading			
Item No.	Description	Unit Price	Units
809-00-07	MOBILIZATION (GATEWAY/STREETSCAPE PROJECT)	\$ 10,000.00	LS
810-05	CLEARING AND GRUBBING	\$ 2.00	LF
801-03-02	COLOR AUDIO/VIDEO RECORDING: PRE AND POST CONSTRUCTION (GATEWAY/STREETSCAPE PROJECT)	\$ 1,000.00	LS
801-00-06	CONSTRUCTION STAKING (GATEWAY/STREETSCAPE PROJECT)	\$ 5,000.00	LS
802-00-07	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (GATEWAY/STREETSCAPE PROJECT)	\$ 5,000.00	LS
100-01-06	MISCELLANEOUS IMPROVEMENTS (UTILITIES)	\$ 100,000.00	LS
100-01-07	MISCELLANEOUS IMPROVEMENTS (GATEWAY/STREETSCAPE)	\$ 100,000.00	LS

Site Preparation and Grading				\$ 172,350.00		\$ 121,590.00		\$ 121,580.00		\$ 121,600.00		\$ 121,580.00	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	
carried in street contract unless otherwise indicated	1.00	\$ 10,000.00	1.00	\$ 10,000.00	1.00	\$ 10,000.00	1.00	\$ 10,000.00	1.00	\$ 10,000.00	1.00	\$ 10,000.00	
carried in street contract unless otherwise indicated	675.00	\$ 1,350.00	295.00	\$ 590.00	290.00	\$ 580.00	300.00	\$ 600.00	290.00	\$ 580.00	290.00	\$ 580.00	
carried in street contract unless otherwise indicated	1.00	\$ 1,000.00	1.00	\$ 1,000.00	1.00	\$ 1,000.00	1.00	\$ 1,000.00	1.00	\$ 1,000.00	1.00	\$ 1,000.00	
carried in street contract unless otherwise indicated	1.00	\$ 5,000.00	1.00	\$ 5,000.00	1.00	\$ 5,000.00	1.00	\$ 5,000.00	1.00	\$ 5,000.00	1.00	\$ 5,000.00	
carried in street contract unless otherwise indicated	1.00	\$ 5,000.00	1.00	\$ 5,000.00	1.00	\$ 5,000.00	1.00	\$ 5,000.00	1.00	\$ 5,000.00	1.00	\$ 5,000.00	
allowance item to address utility conflicts	1.50	\$ 150,000.00	1.00	\$ 100,000.00	1.00	\$ 100,000.00	1.00	\$ 100,000.00	1.00	\$ 100,000.00	1.00	\$ 100,000.00	
allowance item to address uncatgorized improvements		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	

Paving			
Item No.	Description	Unit Price	Units
304-10	PORTLAND CEMENT CONCRETE PAVEMENT (BATCHED COLOR)	\$ 100.00	S.Y.

Paving				\$ 23,000.00		\$ -		\$ -		\$ -		\$ -	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	
integral color, stamped concrete paving	230.00	\$ 23,000.00		\$ -		\$ -		\$ -		\$ -		\$ -	

Gateway / Streetscape			
Item No.	Description	Unit Price	Units
420-01	PRIMARY ENTRY FEATURE/SIGN	\$ 25,000.00	EA
420-02	SECONDARY ENTRY FEATURE/SIGN	\$ 10,000.00	EA
420-03	TERTIARY ENTRY FEATURE/MONUMENT	\$ 5,000.00	EA
420-04	BOUNDARY MARKER/COLUMN	\$ 3,000.00	EA
828-00	FENCE - TYPE I	\$ 30.00	LF
828-02	FENCE - TYPE II	\$ 25.00	LF
832-00	LIGHT POLE (DECORATIVE) (SP)	\$ 3,500.00	EA
843-04	TREES (SP)	\$ 500.00	EA
845-14	SHRUBS (SP)	\$ 2.00	SF
846-01	IRRIGATION SYSTEM-COMPLETE IN PLACE	\$ 1.00	SF
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.
100-01-08	GATEWAY/STREETSCAPE ALLOWANCE (INTERSECTION TYPE A)	\$ 100,000.00	EA
100-01-09	GATEWAY/STREETSCAPE ALLOWANCE (INTERSECTION TYPE B)	\$ 75,000.00	EA
100-01-10	GATEWAY/STREETSCAPE ALLOWANCE (INTERSECTION TYPE C)	\$ 50,000.00	EA
100-01-11	GATEWAY/STREETSCAPE ALLOWANCE (STREETSCAPE TYPE A)	\$ 125.00	LF
100-01-12	GATEWAY/STREETSCAPE ALLOWANCE (STREETSCAPE TYPE B)	\$ 75.00	LF
100-01-13	GATEWAY/STREETSCAPE ALLOWANCE (STREETSCAPE TYPE C)	\$ 50.00	LF

Gateway / Streetscape				\$ 144,500.00		\$ 51,200.00		\$ 55,900.00		\$ 51,500.00		\$ 55,900.00	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	
large stone monument sign	2.00	\$ 50,000.00		\$ -		\$ -		\$ -		\$ -		\$ -	
small stone monument sign		\$ -		\$ -		\$ -	1.00	\$ 10,000.00		\$ -	1.00	\$ 10,000.00	
large stone column		\$ -	2.00	\$ 10,000.00		\$ -	1.00	\$ 5,000.00	2.00	\$ 10,000.00	1.00	\$ 5,000.00	
small stone column (100-ft on center)	7.00	\$ 21,000.00	3.00	\$ 9,000.00	3.00	\$ 9,000.00	3.00	\$ 9,000.00	3.00	\$ 9,000.00	3.00	\$ 9,000.00	
concrete split rail fence		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	
wood stockade fence	675.00	\$ 16,875.00	295.00	\$ 7,375.00	290.00	\$ 7,250.00	300.00	\$ 7,500.00	290.00	\$ 7,250.00	290.00	\$ 7,250.00	
decorative light pole w/ banner arm	7.00	\$ 24,500.00	3.00	\$ 10,500.00	3.00	\$ 10,500.00	3.00	\$ 10,500.00	3.00	\$ 10,500.00	3.00	\$ 10,500.00	
3" caliper shade tree (40' O.C.)	17.00	\$ 8,500.00	8.00	\$ 4,000.00	8.00	\$ 4,000.00	8.00	\$ 4,000.00	8.00	\$ 4,000.00	8.00	\$ 4,000.00	
shrubs, groundcover & mulch	3,375.00	\$ 6,750.00	1,475.00	\$ 2,950.00	1,450.00	\$ 2,900.00	1,500.00	\$ 3,000.00	1,450.00	\$ 2,900.00	1,450.00	\$ 2,900.00	
automated in-ground irrigation system	13,500.00	\$ 13,500.00	5,900.00	\$ 5,900.00	5,800.00	\$ 5,800.00	6,000.00	\$ 6,000.00	5,800.00	\$ 5,800.00	5,800.00	\$ 5,800.00	
bermuda sod	1,125.00	\$ 3,375.00	491.67	\$ 1,475.00	483.33	\$ 1,450.00	500.00	\$ 1,500.00	483.33	\$ 1,450.00	483.33	\$ 1,450.00	
allowance item for improvements beyond city standards		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	
allowance item for improvements beyond city standards		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	
allowance item for improvements beyond city standards		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	
allowance item for improvements beyond city standards		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	
allowance item for improvements beyond city standards		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	
allowance item for improvements beyond city standards		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	

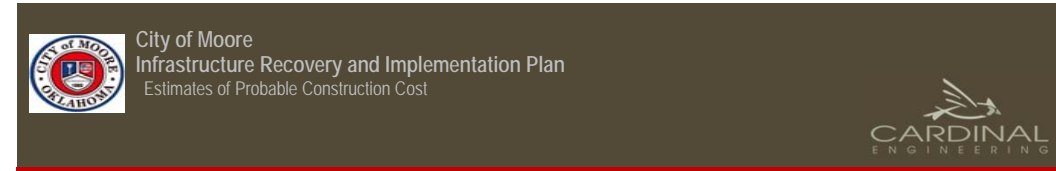
Erosion Control			
Item No.	Description	Unit Price	Units
900-07-06	EROSION CONTROL (GATEWAY)	\$ 2,500.00	LS

Erosion Control				\$ 2,500.00		\$ 2,500.00		\$ 2,500.00		\$ 2,500.00		\$ 2,500.00	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	
	1.00	\$ 2,500.00	1.00	\$ 2,500.00	1.00	\$ 2,500.00	1.00	\$ 2,500.00	1.00	\$ 2,500.00	1.00	\$ 2,500.00	

Design and Testing			
Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS

Design and Testing				\$ 25,676.25		\$ 13,146.75		\$ 13,498.50		\$ 13,170.00		\$ 13,498.50	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	
based on percentage of construction cost	0.24	\$ 23,964.50	0.12	\$ 12,270.30	0.13	\$ 12,598.60	0.12	\$ 12,292.00	0.13	\$ 12,598.60	0.13	\$ 12,598.60	
based on percentage of construction cost	0.02	\$ 1,711.75	0.01	\$ 876.45	0.01	\$ 899.90	0.01	\$ 878.00	0.01	\$ 899.90	0.01	\$ 899.90	

Subtotal		\$ 345,026.25		\$ 188,436.75		\$ 193,478.50		\$ 188,770.00		\$ 193,478.50
Contingency 10%		\$ 34,502.63		\$ 18,843.68		\$ 19,347.85		\$ 18,877.00		\$ 19,347.85
Total Estimate		\$ 379,528.88		\$ 207,280.43		\$ 212,826.35		\$ 207,647.00		\$ 212,826.35



Project ID	13	15	15	17	19
SubProject ID	54408	9620	54011	54409	54012
Infrastructure Category	Gateway/Streetscape	Gateway/Streetscape	Gateway/Streetscape	Gateway/Streetscape	Gateway/Streetscape
Description	EJ2: streetscape and intersection improvements	Gateway: SE 4th St. & Heatherwood Dr.	HW1: streetscape and intersection improvements	KM2: streetscape and intersection improvements	KM3: streetscape and intersection improvements
Assessment ID		HW1			
Roadway Frontage Length (ft)		1310			
Frontage Depth (ft)		20			
Public Entrance Count (ea)		1			
Intersection A (ea) Intersection B (ea)	1 7		2 3	0 6	1 4
Intersection C (ea)	15		9	11	8
Streetscape A (ft)	2686		1934	0	0
Streetscape B (ft)	7829		5788	5205	4358
Streetscape C (ft)	9896		491	2698	4499

Site Preparation and Grading			
Item No.	Description	Unit Price	Units
809-00-07	MOBILIZATION (GATEWAY/STREETSCAPE PROJECT)	\$ 10,000.00	LS
810-05	CLEARING AND GRUBBING	\$ 2.00	LF
801-03-02	COLOR AUDIO/VIDEO RECORDING: PRE AND POST CONSTRUCTION (GATEWAY/STREETSCAPE PROJECT)	\$ 1,000.00	LS
801-00-06	CONSTRUCTION STAKING (GATEWAY/STREETSCAPE PROJECT)	\$ 5,000.00	LS
802-00-07	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (GATEWAY/STREETSCAPE PROJECT)	\$ 5,000.00	LS
100-01-06	MISCELLANEOUS IMPROVEMENTS (UTILITIES)	\$ 100,000.00	LS
100-01-07	MISCELLANEOUS IMPROVEMENTS (GATEWAY/STREETSCAPE)	\$ 100,000.00	LS

Site Preparation and Grading			
Notes	Qty	Sub-Total	
carried in street contract unless otherwise indicated	-	\$ -	
carried in street contract unless otherwise indicated	-	\$ -	
carried in street contract unless otherwise indicated	-	\$ -	
carried in street contract unless otherwise indicated	-	\$ -	
allowance item to address utility conflicts	-	\$ -	
allowance item to address uncatgorized improvements	-	\$ -	

Paving			
Item No.	Description	Unit Price	Units
304-10	PORTLAND CEMENT CONCRETE PAVEMENT (BATCHED COLOR)	\$ 100.00	S.Y.

Paving			
Notes	Qty	Sub-Total	
integral color, stamped concrete paving	-	\$ -	

Gateway / Streetscape			
Item No.	Description	Unit Price	Units
420-01	PRIMARY ENTRY FEATURE/SIGN	\$ 25,000.00	EA
420-02	SECONDARY ENTRY FEATURE/SIGN	\$ 10,000.00	EA
420-03	TERTIARY ENTRY FEATURE/MONUMENT	\$ 5,000.00	EA
420-04	BOUNDARY MARKER/COLUMN	\$ 3,000.00	EA
828-00	FENCE - TYPE I	\$ 30.00	LF
828-02	FENCE - TYPE II	\$ 25.00	LF
832-00	LIGHT POLE (DECORATIVE) (SP)	\$ 3,500.00	EA
843-04	TREES (SP)	\$ 500.00	EA
845-14	SHRUBS (SP)	\$ 2.00	SF
846-01	IRRIGATION SYSTEM-COMplete IN PLACE	\$ 1.00	SF
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.
100-01-08	GATEWAY/STREETSCAPE ALLOWANCE (INTERSECTION TYPE A)	\$ 100,000.00	EA
100-01-09	GATEWAY/STREETSCAPE ALLOWANCE (INTERSECTION TYPE B)	\$ 75,000.00	EA
100-01-10	GATEWAY/STREETSCAPE ALLOWANCE (INTERSECTION TYPE C)	\$ 50,000.00	EA
100-01-11	GATEWAY/STREETSCAPE ALLOWANCE (STREETSCAPE TYPE A)	\$ 125.00	LF
100-01-12	GATEWAY/STREETSCAPE ALLOWANCE (STREETSCAPE TYPE B)	\$ 75.00	LF
100-01-13	GATEWAY/STREETSCAPE ALLOWANCE (STREETSCAPE TYPE C)	\$ 50.00	LF

Gateway / Streetscape			
Notes	Qty	Sub-Total	
large stone monument sign	-	\$ -	
small stone monument sign	-	\$ -	
large stone column	-	\$ -	
small stone column (100-ft on center)	-	\$ -	
concrete split rail fence	-	\$ -	
wood stockade fence	-	\$ -	
decorative light pole w/ banner arm	-	\$ -	
3" caliper shade tree (40' O.C.)	-	\$ -	
shrubs, groundcover & mulch	-	\$ -	
automated in-ground irrigation system	-	\$ -	
bermuda sod	-	\$ -	
allowance item for improvements beyond city standards	1.00	\$ 100,000.00	
allowance item for improvements beyond city standards	7.00	\$ 525,000.00	
allowance item for improvements beyond city standards	15.00	\$ 750,000.00	
allowance item for improvements beyond city standards	2,686.00	\$ 335,750.00	
allowance item for improvements beyond city standards	7,829.00	\$ 587,175.00	
allowance item for improvements beyond city standards	9,896.00	\$ 494,800.00	

Erosion Control			
Item No.	Description	Unit Price	Units
900-07-06	EROSION CONTROL (GATEWAY)	\$ 2,500.00	LS

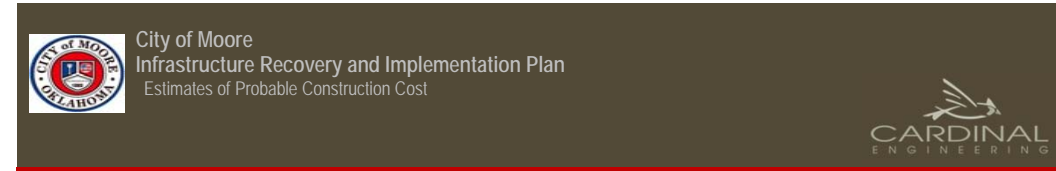
Erosion Control			
Notes	Qty	Sub-Total	
	-	\$ -	

Design and Testing			
Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS

Design and Testing			
Notes	Qty	Sub-Total	
based on percentage of construction cost	1.95	\$ 195,490.75	
based on percentage of construction cost	0.14	\$ 13,963.63	

Subtotal
Contingency 10%
Total Estimate

\$ 3,002,179.38	\$ 444,261.50	\$ 1,693,555.00	\$ 1,639,670.63	\$ 1,453,185.00
\$ 300,217.94	\$ 44,426.15	\$ 169,355.50	\$ 163,967.06	\$ 145,318.50
\$ 3,302,397.31	\$ 488,687.65	\$ 1,862,910.50	\$ 1,803,637.69	\$ 1,598,503.50



Site Preparation and Grading			
Item No.	Description	Unit Price	Units
809-00-07	MOBILIZATION (GATEWAY/STREETSCAPE PROJECT)	\$ 10,000.00	LS
810-05	CLEARING AND GRUBBING	\$ 2.00	LF
801-03-02	COLOR AUDIO/VIDEO RECORDING: PRE AND POST CONSTRUCTION (GATEWAY/STREETSCAPE PROJECT)	\$ 1,000.00	LS
801-00-06	CONSTRUCTION STAKING (GATEWAY/STREETSCAPE PROJECT)	\$ 5,000.00	LS
802-00-07	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (GATEWAY/STREETSCAPE PROJECT)	\$ 5,000.00	LS
100-01-06	MISCELLANEOUS IMPROVEMENTS (UTILITIES)	\$ 100,000.00	LS
100-01-07	MISCELLANEOUS IMPROVEMENTS (GATEWAY/STREETSCAPE)	\$ 100,000.00	LS

Paving			
Item No.	Description	Unit Price	Units
304-10	PORTLAND CEMENT CONCRETE PAVEMENT (BATCHED COLOR)	\$ 100.00	S.Y.

Gateway / Streetscape			
Item No.	Description	Unit Price	Units
420-01	PRIMARY ENTRY FEATURE/SIGN	\$ 25,000.00	EA
420-02	SECONDARY ENTRY FEATURE/SIGN	\$ 10,000.00	EA
420-03	TERTIARY ENTRY FEATURE/MONUMENT	\$ 5,000.00	EA
420-04	BOUNDARY MARKER/COLUMN	\$ 3,000.00	EA
828-00	FENCE - TYPE I	\$ 30.00	LF
828-02	FENCE - TYPE II	\$ 25.00	LF
832-00	LIGHT POLE (DECORATIVE) (SP)	\$ 3,500.00	EA
843-04	TREES (SP)	\$ 500.00	EA
845-14	SHRUBS (SP)	\$ 2.00	SF
846-01	IRRIGATION SYSTEM-COMplete IN PLACE	\$ 1.00	SF
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.
100-01-08	GATEWAY/STREETSCAPE ALLOWANCE (INTERSECTION TYPE A)	\$ 100,000.00	EA
100-01-09	GATEWAY/STREETSCAPE ALLOWANCE (INTERSECTION TYPE B)	\$ 75,000.00	EA
100-01-10	GATEWAY/STREETSCAPE ALLOWANCE (INTERSECTION TYPE C)	\$ 50,000.00	EA
100-01-11	GATEWAY/STREETSCAPE ALLOWANCE (STREETSCAPE TYPE A)	\$ 125.00	LF
100-01-12	GATEWAY/STREETSCAPE ALLOWANCE (STREETSCAPE TYPE B)	\$ 75.00	LF
100-01-13	GATEWAY/STREETSCAPE ALLOWANCE (STREETSCAPE TYPE C)	\$ 50.00	LF

Erosion Control			
Item No.	Description	Unit Price	Units
900-07-06	EROSION CONTROL (GATEWAY)	\$ 2,500.00	LS

Design and Testing			
Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS

Subtotal
Contingency 10%
Total Estimate

Project ID	21	21	23	23	24
SubProject ID	10024	10025	9611	54410	10022
Infrastructure Category	Gateway/Streetscape	Gateway/Streetscape	Gateway/Streetscape	Gateway/Streetscape	Gateway/Streetscape
Description	Gateway: S. Telephone Rd. & Kings Manor Dr.	Gateway: S. Telephone Rd. & SW 11th St.	MH2: pedestrian connection improvements, termination of SE 9th Street	MH2: streetscape and intersection improvements	Gateway: Tower Dr & Stoneridge Dr.
Assessment ID	KM3	KM3	MH2		MH2
Roadway Frontage Length (ft)	1030	960			775
Frontage Depth (ft)	25	25			15
Public Entrance Count (ea)	3	3			1
Intersection A (ea) Intersection B (ea)				2	5
Intersection C (ea)				8	
Streetscape A (ft)				827	
Streetscape B (ft)				4539	
Streetscape C (ft)				4761	

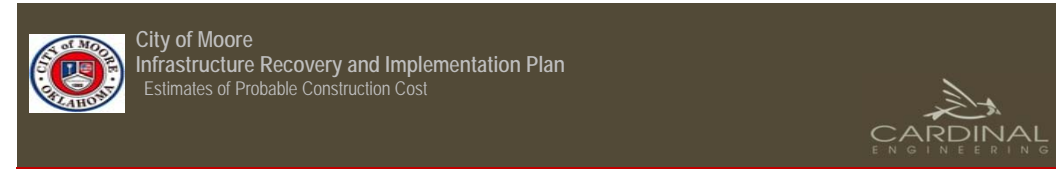
Site Preparation and Grading				\$ 173,060.00	\$ 172,920.00	\$ 75,000.00	\$ -	\$ 172,550.00
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
carried in street contract unless otherwise indicated	1.00	\$ 10,000.00	1.00	\$ 10,000.00	-	\$ -	-	\$ -
carried in street contract unless otherwise indicated	1,030.00	\$ 2,060.00	960.00	\$ 1,920.00	-	\$ -	-	\$ -
carried in street contract unless otherwise indicated	1.00	\$ 1,000.00	1.00	\$ 1,000.00	-	\$ -	-	\$ -
carried in street contract unless otherwise indicated	1.00	\$ 5,000.00	1.00	\$ 5,000.00	-	\$ -	-	\$ -
carried in street contract unless otherwise indicated	1.00	\$ 5,000.00	1.00	\$ 5,000.00	-	\$ -	-	\$ -
allowance item to address utility conflicts	1.50	\$ 150,000.00	1.50	\$ 150,000.00	-	\$ -	-	\$ -
allowance item to address uncatgorized improvements	-	\$ -	-	\$ -	0.75	\$ 75,000.00	-	\$ -

Paving				\$ 15,000.00	\$ 15,000.00	\$ -	\$ -	\$ 39,000.00
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
integral color, stamped concrete paving	150.00	\$ 15,000.00	150.00	\$ 15,000.00	-	\$ -	-	\$ -

Gateway / Streetscape				\$ 195,312.50	\$ 183,000.00	\$ -	\$ 1,656,850.00	\$ 131,718.75
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
large stone monument sign	-	\$ -	-	\$ -	-	\$ -	-	\$ -
small stone monument sign	1.00	\$ 10,000.00	1.00	\$ 10,000.00	-	\$ -	-	\$ -
large stone column	6.00	\$ 30,000.00	6.00	\$ 30,000.00	-	\$ -	-	\$ -
small stone column (100-ft on center)	11.00	\$ 33,000.00	10.00	\$ 30,000.00	-	\$ -	-	\$ -
concrete split rail fence	-	\$ -	-	\$ -	-	\$ -	-	\$ -
wood stockade fence	1,030.00	\$ 25,750.00	960.00	\$ 24,000.00	-	\$ -	-	\$ -
decorative light pole w/ banner arm	11.00	\$ 38,500.00	10.00	\$ 35,000.00	-	\$ -	-	\$ -
3" caliper shade tree (40' O.C.)	26.00	\$ 13,000.00	24.00	\$ 12,000.00	-	\$ -	-	\$ -
shrubs, groundcover & mulch	6,437.50	\$ 12,875.00	6,000.00	\$ 12,000.00	-	\$ -	-	\$ -
automated in-ground irrigation system	25,750.00	\$ 25,750.00	24,000.00	\$ 24,000.00	-	\$ -	-	\$ -
bermuda sod	2,145.83	\$ 6,437.50	2,000.00	\$ 6,000.00	-	\$ -	-	\$ -
allowance item for improvements beyond city standards	-	\$ -	-	\$ -	-	\$ -	2.00	\$ 200,000.00
allowance item for improvements beyond city standards	-	\$ -	-	\$ -	-	\$ -	5.00	\$ 375,000.00
allowance item for improvements beyond city standards	-	\$ -	-	\$ -	-	\$ -	8.00	\$ 400,000.00
allowance item for improvements beyond city standards	-	\$ -	-	\$ -	-	\$ -	827.00	\$ 103,375.00
allowance item for improvements beyond city standards	-	\$ -	-	\$ -	-	\$ -	4,539.00	\$ 340,425.00
allowance item for improvements beyond city standards	-	\$ -	-	\$ -	-	\$ -	4,761.00	\$ 238,050.00

Erosion Control				\$ 2,500.00	\$ 2,500.00	\$ -	\$ -	\$ 2,500.00
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
	1.00	\$ 2,500.00	1.00	\$ 2,500.00	-	\$ -	-	\$ -

Design and Testing				\$ 28,940.44	\$ 28,006.50	\$ 5,625.00	\$ 124,263.75	\$ 25,932.66
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
based on percentage of construction cost	0.27	\$ 27,011.08	0.26	\$ 26,139.40	0.05	\$ 5,250.00	1.16	\$ 115,979.50
based on percentage of construction cost	0.02	\$ 1,929.36	0.02	\$ 1,867.10	0.00	\$ 375.00	0.08	\$ 8,284.25



Project ID	24	26	26	33	35
SubProject ID	10023	9605	54411	54013	54412
Infrastructure Category	Gateway/Streetscape	Gateway/Streetscape	Gateway/Streetscape	Gateway/Streetscape	Gateway/Streetscape
Description	Gateway: Tower Dr. & Madison Dr.	Gateway: NE 4th St and Whispering Oaks Blvd	EJ5: streetscape and intersection improvements	EJ6: streetscape and intersection improvements	SM2: streetscape and intersection improvements
Assessment ID	MH2	EJ5			SM2
Roadway Frontage Length (ft)	285	1350			
Frontage Depth (ft)	15	25			
Public Entrance Count (ea)	1	2			
Intersection A (ea) Intersection B (ea)			2 7	0 2	2 8
Intersection C (ea)			29	0	10
Streetscape A (ft)			3299	2620	4494
Streetscape B (ft)			9889	132	2572
Streetscape C (ft)			9424	0	3899

Site Preparation and Grading			
Item No.	Description	Unit Price	Units
809-00-07	MOBILIZATION (GATEWAY/STREETSCAPE PROJECT)	\$ 10,000.00	LS
810-05	CLEARING AND GRUBBING	\$ 2.00	LF
801-03-02	COLOR AUDIO/VIDEO RECORDING: PRE AND POST CONSTRUCTION (GATEWAY/STREETSCAPE PROJECT)	\$ 1,000.00	LS
801-00-06	CONSTRUCTION STAKING (GATEWAY/STREETSCAPE PROJECT)	\$ 5,000.00	LS
802-00-07	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (GATEWAY/STREETSCAPE PROJECT)	\$ 5,000.00	LS
100-01-06	MISCELLANEOUS IMPROVEMENTS (UTILITIES)	\$ 100,000.00	LS
100-01-07	MISCELLANEOUS IMPROVEMENTS (GATEWAY/STREETSCAPE)	\$ 100,000.00	LS

Site Preparation and Grading				\$ 121,570.00		\$ 173,700.00		\$ -		\$ -		\$ -	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	
carried in street contract unless otherwise indicated	1.00	\$ 10,000.00	1.00	\$ 10,000.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
carried in street contract unless otherwise indicated	285.00	\$ 570.00	1,350.00	\$ 2,700.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
carried in street contract unless otherwise indicated	1.00	\$ 1,000.00	1.00	\$ 1,000.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
carried in street contract unless otherwise indicated	1.00	\$ 5,000.00	1.00	\$ 5,000.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
carried in street contract unless otherwise indicated	1.00	\$ 5,000.00	1.00	\$ 5,000.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
allowance item to address utility conflicts	1.00	\$ 100,000.00	1.50	\$ 150,000.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
allowance item to address uncatgorized improvements	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	

Paving			
Item No.	Description	Unit Price	Units
304-10	PORTLAND CEMENT CONCRETE PAVEMENT (BATCHED COLOR)	\$ 100.00	S.Y.

Paving				\$ 15,000.00		\$ 13,000.00		\$ -		\$ -		\$ -	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	
integral color, stamped concrete paving	150.00	\$ 15,000.00	130.00	\$ 13,000.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	

Gateway / Streetscape			
Item No.	Description	Unit Price	Units
420-01	PRIMARY ENTRY FEATURE/SIGN	\$ 25,000.00	EA
420-02	SECONDARY ENTRY FEATURE/SIGN	\$ 10,000.00	EA
420-03	TERTIARY ENTRY FEATURE/MONUMENT	\$ 5,000.00	EA
420-04	BOUNDARY MARKER/COLUMN	\$ 3,000.00	EA
828-00	FENCE - TYPE I	\$ 30.00	LF
828-02	FENCE - TYPE II	\$ 25.00	LF
832-00	LIGHT POLE (DECORATIVE) (SP)	\$ 3,500.00	EA
843-04	TREES (SP)	\$ 500.00	EA
845-14	SHRUBS (SP)	\$ 2.00	SF
846-01	IRRIGATION SYSTEM-COMplete IN PLACE	\$ 1.00	SF
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.
100-01-08	GATEWAY/STREETSCAPE ALLOWANCE (INTERSECTION TYPE A)	\$ 100,000.00	EA
100-01-09	GATEWAY/STREETSCAPE ALLOWANCE (INTERSECTION TYPE B)	\$ 75,000.00	EA
100-01-10	GATEWAY/STREETSCAPE ALLOWANCE (INTERSECTION TYPE C)	\$ 50,000.00	EA
100-01-11	GATEWAY/STREETSCAPE ALLOWANCE (STREETSCAPE TYPE A)	\$ 125.00	LF
100-01-12	GATEWAY/STREETSCAPE ALLOWANCE (STREETSCAPE TYPE B)	\$ 75.00	LF
100-01-13	GATEWAY/STREETSCAPE ALLOWANCE (STREETSCAPE TYPE C)	\$ 50.00	LF

Gateway / Streetscape				\$ 68,106.25		\$ 245,812.50		\$ 3,800,250.00		\$ 487,400.00		\$ 2,249,600.00	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	
large stone monument sign	1.00	\$ 25,000.00	1.00	\$ 25,000.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
small stone monument sign	-	\$ -	1.00	\$ 10,000.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
large stone column	1.00	\$ 5,000.00	2.00	\$ 10,000.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
small stone column (100-ft on center)	3.00	\$ 9,000.00	14.00	\$ 42,000.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
concrete split rail fence	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
wood stockade fence	285.00	\$ 7,125.00	1,350.00	\$ 33,750.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
decorative light pole w/ banner arm	3.00	\$ 10,500.00	14.00	\$ 49,000.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
3" caliper shade tree (40' O.C.)	8.00	\$ 4,000.00	34.00	\$ 17,000.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
shrubs, groundcover & mulch	1,068.75	\$ 2,137.50	8,437.50	\$ 16,875.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
automated in-ground irrigation system	4,275.00	\$ 4,275.00	33,750.00	\$ 33,750.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
bermuda sod	356.25	\$ 1,068.75	2,812.50	\$ 8,437.50	-	\$ -	-	\$ -	-	\$ -	-	\$ -	
allowance item for improvements beyond city standards	-	\$ -	-	\$ -	2.00	\$ 200,000.00	-	\$ -	-	\$ -	2.00	\$ 200,000.00	
allowance item for improvements beyond city standards	-	\$ -	-	\$ -	7.00	\$ 525,000.00	2.00	\$ 150,000.00	8.00	\$ 600,000.00	-	\$ -	
allowance item for improvements beyond city standards	-	\$ -	-	\$ -	29.00	\$ 1,450,000.00	-	\$ -	10.00	\$ 500,000.00	-	\$ -	
allowance item for improvements beyond city standards	-	\$ -	-	\$ -	3,299.00	\$ 412,375.00	2,620.00	\$ 327,500.00	4,494.00	\$ 561,750.00	-	\$ -	
allowance item for improvements beyond city standards	-	\$ -	-	\$ -	9,889.00	\$ 741,675.00	132.00	\$ 9,900.00	2,572.00	\$ 192,900.00	-	\$ -	
allowance item for improvements beyond city standards	-	\$ -	-	\$ -	9,424.00	\$ 471,200.00	-	\$ -	3,899.00	\$ 194,950.00	-	\$ -	

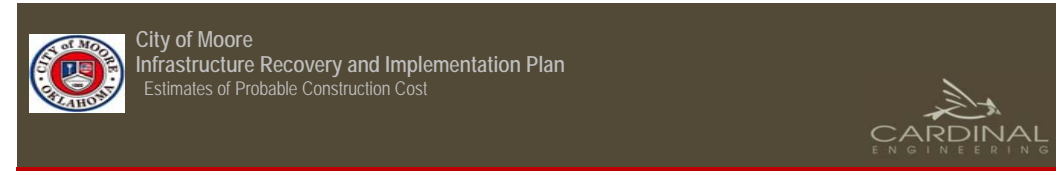
Erosion Control			
Item No.	Description	Unit Price	Units
900-07-06	EROSION CONTROL (GATEWAY)	\$ 2,500.00	LS

Erosion Control				\$ 2,500.00		\$ 2,500.00		\$ -		\$ -		\$ -	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	
	1.00	\$ 2,500.00	1.00	\$ 2,500.00	-	\$ -	-	\$ -	-	\$ -	-	\$ -	

Design and Testing			
Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS

Design and Testing				\$ 15,538.22		\$ 32,625.94		\$ 285,018.75		\$ 36,555.00		\$ 168,720.00	
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total	
based on percentage of construction cost	0.15	\$ 14,502.34	0.30	\$ 30,450.88	2.66	\$ 266,017.50	0.34	\$ 34,118.00	1.57	\$ 157,472.00	-	\$ -	
based on percentage of construction cost	0.01	\$ 1,035.88	0.02	\$ 2,175.06	0.19	\$ 19,001.25	0.02	\$ 2,437.00	0.11	\$ 11,248.00	-	\$ -	

Subtotal	\$ 207,714.47	\$ 454,638.44	\$ 4,085,268.75	\$ 523,955.00	\$ 2,418,320.00
Contingency 10%	\$ 20,771.45	\$ 45,463.84	\$ 408,526.88	\$ 52,395.50	\$ 241,832.00
Total Estimate	\$ 228,485.92	\$ 500,102.28	\$ 4,493,795.63	\$ 576,350.50	\$ 2,660,152.00



Site Preparation and Grading			
Item No.	Description	Unit Price	Units
809-00-07	MOBILIZATION (GATEWAY/STREETSCAPE PROJECT)	\$ 10,000.00	LS
810-05	CLEARING AND GRUBBING	\$ 2.00	LF
801-03-02	COLOR AUDIO/VIDEO RECORDING: PRE AND POST CONSTRUCTION (GATEWAY/STREETSCAPE PROJECT)	\$ 1,000.00	LS
801-00-06	CONSTRUCTION STAKING (GATEWAY/STREETSCAPE PROJECT)	\$ 5,000.00	LS
802-00-07	CONSTRUCTION SIGNING AND TRAFFIC CONTROL (GATEWAY/STREETSCAPE PROJECT)	\$ 5,000.00	LS
100-01-06	MISCELLANEOUS IMPROVEMENTS (UTILITIES)	\$ 100,000.00	LS
100-01-07	MISCELLANEOUS IMPROVEMENTS (GATEWAY/STREETSCAPE)	\$ 100,000.00	LS

Paving			
Item No.	Description	Unit Price	Units
304-10	PORTLAND CEMENT CONCRETE PAVEMENT (BATCHED COLOR)	\$ 100.00	S.Y.

Gateway / Streetscape			
Item No.	Description	Unit Price	Units
420-01	PRIMARY ENTRY FEATURE/SIGN	\$ 25,000.00	EA
420-02	SECONDARY ENTRY FEATURE/SIGN	\$ 10,000.00	EA
420-03	TERTIARY ENTRY FEATURE/MONUMENT	\$ 5,000.00	EA
420-04	BOUNDARY MARKER/COLUMN	\$ 3,000.00	EA
828-00	FENCE - TYPE I	\$ 30.00	LF
828-02	FENCE - TYPE II	\$ 25.00	LF
832-00	LIGHT POLE (DECORATIVE) (SP)	\$ 3,500.00	EA
843-04	TREES (SP)	\$ 500.00	EA
845-14	SHRUBS (SP)	\$ 2.00	SF
846-01	IRRIGATION SYSTEM-COMplete IN PLACE	\$ 1.00	SF
840-00	SOLID SLAB SODDING	\$ 3.00	S.Y.
100-01-08	GATEWAY/STREETSCAPE ALLOWANCE (INTERSECTION TYPE A)	\$ 100,000.00	EA
100-01-09	GATEWAY/STREETSCAPE ALLOWANCE (INTERSECTION TYPE B)	\$ 75,000.00	EA
100-01-10	GATEWAY/STREETSCAPE ALLOWANCE (INTERSECTION TYPE C)	\$ 50,000.00	EA
100-01-11	GATEWAY/STREETSCAPE ALLOWANCE (STREETSCAPE TYPE A)	\$ 125.00	LF
100-01-12	GATEWAY/STREETSCAPE ALLOWANCE (STREETSCAPE TYPE B)	\$ 75.00	LF
100-01-13	GATEWAY/STREETSCAPE ALLOWANCE (STREETSCAPE TYPE C)	\$ 50.00	LF

Erosion Control			
Item No.	Description	Unit Price	Units
900-07-06	EROSION CONTROL (GATEWAY)	\$ 2,500.00	LS

Design and Testing			
Item No.	Description	Unit Price	Units
100-01-01	DESIGN AND DOCUMENTATION	\$ 100,000.00	LS
100-01-02	TESTING AND INSPECTIONS	\$ 100,000.00	LS

Subtotal
Contingency 10%
Total Estimate

Project ID	36	37	40
SubProject ID	10021	10407	10408
Infrastructure Category	Gateway/Streetscape	Gateway/Streetscape	Gateway/Streetscape
Description	Gateway: SW 4th St. & S. Broadway Ave.	BR1: pedestrian improvements and gateway at SW 7th Street and Broadway Avenue	N4C: pedestrian crossing with gateway at Highland East Junior High
Assessment ID	BR1	BR1	N4C
Roadway Frontage Length (ft)			
Frontage Depth (ft)			
Public Entrance Count (ea)			
Intersection A (ea) Intersection B (ea)			
Intersection C (ea)			
Streetscape A (ft)			
Streetscape B (ft)			
Streetscape C (ft)			

Site Preparation and Grading				\$ 1,000,000.00	\$ 350,000.00	\$ 275,000.00
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
carried in street contract unless otherwise indicated	-	\$ -	-	\$ -	-	\$ -
carried in street contract unless otherwise indicated	-	\$ -	-	\$ -	-	\$ -
carried in street contract unless otherwise indicated	-	\$ -	-	\$ -	-	\$ -
carried in street contract unless otherwise indicated	-	\$ -	-	\$ -	-	\$ -
carried in street contract unless otherwise indicated	-	\$ -	-	\$ -	-	\$ -
allowance item to address utility conflicts	-	\$ -	-	\$ -	-	\$ -
allowance item to address uncatgorized improvements	10.00	\$ 1,000,000.00	3.50	\$ 350,000.00	2.75	\$ 275,000.00

Paving				\$ -	\$ -	\$ -
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
integral color, stamped concrete paving	-	\$ -	-	\$ -	-	\$ -

Gateway / Streetscape				\$ -	\$ -	\$ -
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
large stone monument sign	-	\$ -	-	\$ -	-	\$ -
small stone monument sign	-	\$ -	-	\$ -	-	\$ -
large stone column	-	\$ -	-	\$ -	-	\$ -
small stone column (100-ft on center)	-	\$ -	-	\$ -	-	\$ -
concrete split rail fence	-	\$ -	-	\$ -	-	\$ -
wood stockade fence	-	\$ -	-	\$ -	-	\$ -
decorative light pole w/ banner arm	-	\$ -	-	\$ -	-	\$ -
3" caliper shade tree (40' O.C.)	-	\$ -	-	\$ -	-	\$ -
shrubs, groundcover & mulch	-	\$ -	-	\$ -	-	\$ -
automated in-ground irrigation system	-	\$ -	-	\$ -	-	\$ -
bermuda sod	-	\$ -	-	\$ -	-	\$ -
allowance item for improvements beyond city standards	-	\$ -	-	\$ -	-	\$ -
allowance item for improvements beyond city standards	-	\$ -	-	\$ -	-	\$ -
allowance item for improvements beyond city standards	-	\$ -	-	\$ -	-	\$ -
allowance item for improvements beyond city standards	-	\$ -	-	\$ -	-	\$ -
allowance item for improvements beyond city standards	-	\$ -	-	\$ -	-	\$ -
allowance item for improvements beyond city standards	-	\$ -	-	\$ -	-	\$ -

Erosion Control				\$ -	\$ -	\$ -
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
	-	\$ -	-	\$ -	-	\$ -

Design and Testing				\$ 75,000.00	\$ 73,000.00	\$ 35,000.00
Notes	Qty	Sub-Total	Qty	Sub-Total	Qty	Sub-Total
based on percentage of construction cost	0.70	\$ 70,000.00	0.40	\$ 40,000.00	0.30	\$ 30,000.00
based on percentage of construction cost	0.05	\$ 5,000.00	0.05	\$ 5,000.00	0.05	\$ 5,000.00

\$ 1,075,000.00
\$ 107,500.00
\$ 1,182,500.00

\$ 423,000.00
\$ 42,300.00
\$ 465,300.00

\$ 310,000.00
\$ 31,000.00
\$ 341,000.00