

Exhibit A (Detailed Hour and Fee Estimate)

Farnsworth Avenue Improvements (IL 56 to I-88)
Phase II Engineering Services - Addendum #1
City of Aurora
HR Green Project Number: 2202670.02

DATE: 10/08/24																					
Task	SHEETS	Regional Director	Simmons	Roitburd	PE I	SE II	Sr. P/MPM	SE I	Sr. PM	Group Leader	PLS II	SLS III	Design Tech II	Proj. Designer	PCA I	Total	Direct Costs	Total Fee	Notes:		
2.1 Data Collection and Review		10	40	0	0	0	0	0	0	0	0	0	0	0	0	50	\$ -	\$ -	\$ 10,459.53 50	Additional 5 months at 10 hrs/month.	
Utility Conflict Review and Chart		10	40													50		\$ 10,459.53			
Roadway Geotechnical Report																0		\$ -			
2.2 Survey and ROW Services		40	20	0	0	0	0	0	0	4	92	42	0	0	0	198	\$ -	\$ -	\$ 39,528.54 198	Basins (12), buried structures (16) and Parcels 16/17 staking (4).	
Supplemental Topographic Survey											16	16				32		\$ 5,592.49			
Plat of Highways for 6 Additional Parcels - 15 hrs/parcel										4	60	26				90		\$ 16,319.44			
Plat of Highways Significant Revisions for 4 Parcels - 4 hrs/parcel											16					16		\$ 2,932.44			
ROW Acquisition (Consultant Coordination)		40	20													60		\$ 14,684.18	Additional 5 months at 12 hrs/month.		
2.3 Drainage Design and Permitting		0	0	0	40	32	24	0	0	0	0	0	4	0	0	100	\$ -	\$ -	\$ 16,231.31 100	Redesign of south outlet. Modifications to east end to accommodate future project. Coordination/revisions to accommodate casino outfalls.	
Inlet Spacing Calculations																0		\$ -			
Storm Sewer Design					40	16	24									80		\$ 11,775.23			
Restrictor Modifications Coordination/Details						16							4			20		\$ 4,456.07	Not included in original scope.		
Kane County Stormwater Management Permit																0		\$ -			
IEPA Public Water Supply Construction Permit																0		\$ -			
Regulated Substances																0		\$ -			
2.4 Contract Plans	323	12	80	188	132	16	0	8	0	0	0	0	112	104	0	652	\$ -	\$ -	\$ 97,295.49 652		
Cover Sheet - 8 hrs/sheet	1															0		\$ -			
Index of Sheets / Highway Standards - 8 hrs/sheet	1															0		\$ -			
General Notes / Commitments - 12 hrs/sheet	2															0		\$ -			
Summary of Quantities - 8 hrs/sheet	8		16	32									16			64		\$ 9,378.77	Budgeted for 8 sheets (64 hours). Ended up with 20 sheets and 319 pay items.		
Typical Sections (25) - 4 hrs/sheet	10															0		\$ -			
Superelevation Transition Details - 16 hrs/sheet	1															0		\$ -			
Earthwork Schedule*	2															0		\$ -			
Pavement / Driveway Schedule*	2															0		\$ -			
Drainage Schedule*	2		24	80	80								16			200		\$ 27,890.32	Budgeted for 2 sheets (100 hours). Ended up with 13 sheets. 440 pipes and 218 structures.		
Sign Schedule*	1															0		\$ -			
Pavement Marking Schedule*	1															0		\$ -			
Work Zone Pavement Marking Schedule*	3															0		\$ -			
Water Main Schedule*	2			12	12			8						8		40		\$ 6,516.32	Budgeted for 4 sheets including conflicts (40 hours). Ended up with 8 sheets.		
Miscellaneous Schedules*	4															0		\$ -			
Alignments and Benchmarks (Plans and Curve Data) - 12 hrs/sheet	1															0		\$ -			
Alignments and Benchmarks (Coordinate Tables) - 12 hrs/sheet	1															0		\$ -			
Pavement Removal Plans (Double Pane @ 1" = 50') - 8 hrs/sheet	5															0		\$ -			
Utility Removal Plans (Double Pane @ 1" = 50') - 8 hrs/sheet	5		8	16									16			40		\$ 5,578.67	Budgeted 40 hours for combined sheets, but water main and drainage removal plans had to be separated due to level of detail.		
Plan and Profiles (1" = 50') - 4 hrs/sheet	9	4	8										12			24		\$ 3,966.08	Revisions to southbound geometrics to avoid impacts to private basins. Addition of right-turn lane and driveway modifications at Pepsi.		
Suggested Maintenance of Traffic - General Notes - 24 hrs/sheet	1															0		\$ -			
Suggested Maintenance of Traffic - Typical Sections - 3 Stages - 8 hrs/sheet	18															0		\$ -			
Suggested Maintenance of Traffic - Plans - 3 Stages (DP @ 1" = 50') - 16 hrs/sheet	18															0		\$ -			
Suggested Maintenance of Traffic - Details - 4 hrs/sheet	6															0		\$ -			
Erosion Control Plans (Double Pane @ 1" = 50') - 12 hrs/sheet	5															0		\$ -			
Drainage Plan and Profiles (1" = 50') - 24 hrs/sheet	9				40	16							24			80		\$ 11,786.54	Redesign of south outlet. Modifications to east end to accommodate future project. Coordination/revisions to accommodate casino outfalls.		
Water Main Plan and Profiles (1" = 50') - 16 hrs/sheet	6															0		\$ -			
Water Main Conflict and Adjustment Schedule	2															0		\$ -			
Intersection Pavement Elevation Plans (1" = 20') - 20 hrs/intersection**	12	4	12	24												40		\$ 6,780.67	PENN garage entrance and Biliter access required extensive coordination and several iterations.		
ADA Details (1" = 10') - 42 ramps - 2 hrs/ramp	11															0		\$ -			
Pavement Marking and Signing Plans (Double Pane @ 1" = 50') - 12 hrs/sheet	5															0		\$ -			
Retaining Wall Plan and Details (1" = 10')***	2															0		\$ -			
Culvert Extension Plans and Details		4	8	24											24	60		\$ 8,672.68	Not included in original scope (2 sheets).		
Parkway Tree Planting Plan and Details			4											4		8		\$ 1,220.47	Not included in original scope (1 sheet).		
Standard Traffic Signal Design Details	8															0		\$ -			
Remove Existing Traffic Signal Equipment Plan - POB (West) / Casino South	1															0		\$ -			
Temporary Traffic Signal Plans - POB (West) / Casino South	3															0		\$ -			
Temporary Cable Plan / Phase Designation Diagram - POB (West) / Casino South	1															0		\$ -			
Traffic Signal Installation Plans - POB (West) / Casino South	1															0		\$ -			
Cable Plan and Phase Designation Diagram - POB (West) / Casino South	1															0		\$ -			
MA Street Name Signs and Schedule of Quantities - POB (West) / Casino South	1															0		\$ -			
Remove Existing Traffic Signal Equipment Plan - POB (West) / Biliter Road	1															0		\$ -			
Temporary Traffic Signal Plans - POB (West) / Biliter Road	3															0		\$ -			
Temporary Cable Plan / Phase Designation Diagram - POB (West) / Biliter Road	1															0		\$ -			
Traffic Signal Installation Plans - POB (West) / Biliter Road	1															0		\$ -			
Cable Plan and Phase Designation Diagram - POB (West) / Biliter Road	1															0		\$ -			
MA Street Name Signs and Schedule of Quantities - POB (West) / Biliter Road	1															0		\$ -			
Remove Existing Traffic Signal Equipment Plan - POB (West) / Church Road	1															0		\$ -			
Temporary Traffic Signal Plans - POB (West) / Church Road	3															0		\$ -			
Temporary Cable Plan / Phase Designation Diagram - POB (West) / Church Road	1															0		\$ -			
Traffic Signal Installation Plans - POB (West) / Church Road	1															0		\$ -			
Cable Plan and Phase Designation Diagram - POB (West) / Church Road	1															0		\$ -			
MA Street Name Signs and Schedule of Quantities - POB (West) / Church Road	1															0		\$ -			
Interconnect Plans (Double Pane @ 1" = 50')	4															0		\$ -			
Interconnect Schematic	6															0		\$ -			
Lighting Plans (Plan Review and Consultant Coordination)	35															0		\$ -			
Miscellaneous Details -																					