

June 17, 2021

Mr. Michael Ramsey, P.O.  
Village of Westmont  
Public Works Department  
155 E. Burlington Avenue  
Westmont, IL 60559

**Re: Professional Engineering Services Proposal for Burlington Avenue Realignment Design Services**

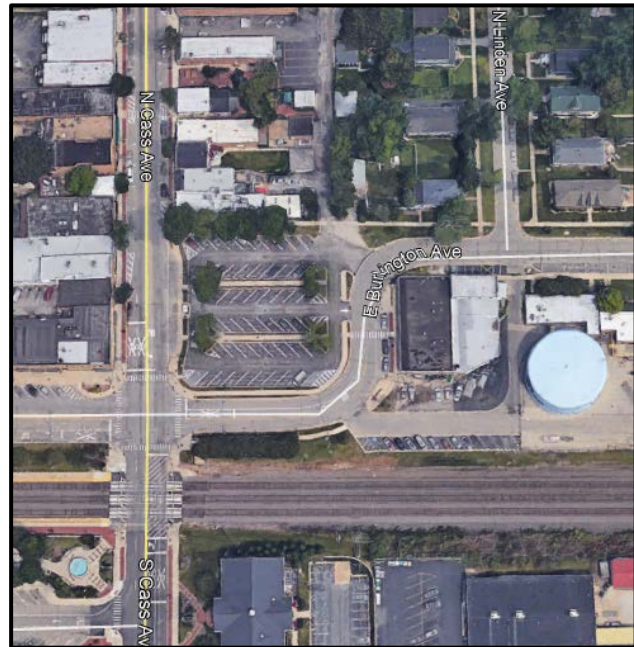
Mr. Ramsey,

Thank you for providing Thomas Engineering Group, LLC (TEG) with the opportunity to assist the Village of Westmont (Village) with the above referenced Project. We are pleased to provide this Proposal to assist the Village in preparing engineering plans and contract documents. In this Proposal, we have provided the Project Understanding, Project Approach, and our proposed Schedule of Fees based on our discussions and understanding of conditions.

**PROJECT UNDERSTANDING**

The Village of Westmont's Public Works Department is seeking professional engineering services for design services to review current conditions, make recommendations, and provide a detailed design plan and profile, associated details and specifications, and a cost estimate for improvements to Burlington Ave just east of Cass Ave to Linden Ave as well as the intersection of Cass and Burlington Ave.

Thomas Engineering Group, LLC (TEG) is extremely well suited for this Project and capable of providing the Village with outstanding service and exceptional value. This is a result of our highly applicable experience and background with similar municipal projects. Our staff's unique qualifications and recent, pertinent experience make TEG an excellent fit for this Project. Our team is local, the project location is located less than 6 miles from our suburban branch office.



The scope of engineering services includes the preparation of construction plans and specifications. Specific elements of the Projects are listed below to convey a clear understanding of the required services.

1. A pickup survey of the Cass and Burlington intersection and the adjacent alley D that is currently under construction. Hours for a pickup topographic survey for are included in the detailed estimate of Design Fees provided herein and separated by project. Survey work will also include a plat of dedication for the realigned Burlington Avenue.
2. Where there are existing utility structures located within the right of way they will need to be adjusted or relocated. Hours are included in the detailed estimate of Design Fees provided herein for manhole inspections and engineering of any necessary storm sewer, the relocation of watermain to accommodate the new roadway configuration, and redesign of the existing intersection. As well as coordination with the Illinois Commerce Commission (ICC).
3. TEG anticipates that the primary challenges of the project will include carefully planning coordination of construction activities with business and residential parking, garage access, routine deliveries to businesses, and routine trash collection. As well as coordination with the developer of 1 N. Cass and adjacent construction contracts.
4. Currently the Village is finalizing a streetscape plan for the Central Business District (CBD). This project will utilize the landscaping and decorative items covered in this streetscape plan in order to comply with these new standards.
5. Consultation with outside utilities will be important to this project. There is a major ComEd utility corridor that currently is located under the proposed new development. This will need to be relocated by ComEd and the new location will be coordinated through ComEd's engineer HBK Engineering.
6. This project will also include coordination with the railroad located immediately south of the project. Our plans will need coordination for the railroad flagger and installation of fencing along the railroad ROW. This fencing will be consistent with the fencing located at the Westmont Center development.
7. TEG will prepare for, attend, and follow up on two total public information meetings. The intent of the meetings is to inform residents and businesses of the projects and what to expect during construction.
8. Another important challenge this project is coordination with the existing public works facility and ensuring the access to this site is not impeded by the new configuration.

#### **EXCEPTIONS**

1. It is assumed that all platting work required including all consolidation and/or subdivision as well as any recording of easements will be performed by others. Except those as noted specifically.
2. Any improvement shown beyond public ROW per prelim civil plan C-1 prepared by WMA Ltd.

## **PROJECT APPROACH**

TEG will initially engage Village staff to determine the specific concerns of the Projects. The TEG Team will perform the pickup topographic field survey and begin plans, specifications, and estimates in accordance with applicable standards and criteria based on the local funding requirements. The following scope applies to an improvement funded with 100% local funds and is an overview of the typical scope of services that are anticipated for professional design engineering services for the Burlington Ave realignment and intersection upgrade.

### Phase I

- 1- Kick-off/Planning meeting
- 2- Data Collection
- 3- Topographic Pickup Survey
- 4- Utility Pickup Survey
- 5- Base Mapping/Existing conditions
- 6- Data Analysis
- 7- Utility Coordination
- 8- Developer Coordination and Adjacent Contract Coordination

### Phase II

1. Development of Preliminary Plans, Specifications, and Estimates (PS&E)
2. Preliminary PS&E Submittal and Village Review
3. Final PS&E Submittal and Village Review
4. Project Advertisement/Bid Assistance

## **PHASE I – PRELIMINARY ENGINEERING**

The goal of the preliminary engineering is to gather existing information and perform an on-site project survey. Our process will use the following steps of Data Collection, Project Initiation, and Data Analysis.

**Task 1 – Kick-Off Meeting:** Our experience has shown that a detailed and well-planned initial project meeting can provide long-term benefits for a project and dramatically decrease the risks that can impact budget and schedule as well as public support. Prior to beginning any Phase I engineering, TEG will organize and lead a project meeting with representatives from the developer and public works. The purpose of the meeting will be to discuss each element related to the project scope and identify critical project constraints to develop a shared understanding of the project. We will also walk through the important factors of this unique project that incorporates a private development and roadway realignment.

Specifically, the TEG Project Manager will lead a discussion in which all parties will have ample opportunity to weigh in and convey their project expectations, preferred methods and materials, technical challenges, site history, utility concerns, access, delivery and storage of materials, staging and constructability. Each of these topics will be discussed in terms of cost, schedule, safety and public interest.

**Task 2 – Data Collection;** Data will be obtained from Village Departments and Village Agents for development of the base drawings for the project. TEG will evaluate the conditions of relevant features and collect the necessary data required for the existing conditions. TEG will use available surveys, aerials, as-builts, etc. and conduct any additional surveys necessary to prepare the required level of base mapping. It is our understanding that the following data may be available from the Village:

- a. Aerial photography & topographic maps
- b. GIS utility information/utility atlases for water, sewer, street lighting, and traffic signals
- c. As-built/record drawings
- d. Property specific data for properties within the project limits
- e. Plats and/or GIS maps with existing ROW boundaries
- f. Sanitary sewer televising videos
- g. Hydrant flow and pressure data
- h. B-box and sanitary service maps

**Task 3 – Topographic Survey;** The project team will develop a digital terrain model with site contours, profiles, and cross-section detail of the existing conditions for the design team. TEG's Chief Surveyor, Christopher DeYoung, P.E., P.L.S., utilize its survey equipment (GPS and Total station) for all topographic and subsequent pick up survey required. Knowing that the improvement is intended to extend from R.O.W. to R.O.W., accurate survey data is essential to ensure proper handling of localized drainage challenges and ADA grades. The topographic survey criteria will be as follows:

- Vertical reference datum to be recorded according to the North American Vertical Datum of 1988 (NAVD88) unless otherwise specified.
- Horizontal reference datum to be recorded according to the State Plane Coordinate System NAD83 (1997) unless otherwise specified.
- Field Control Survey to locate existing monumentation, ROW, and boundary evidence.
- Establish control points (minimum of 3) at practical locations (outside of construction limits) along side streets to be used for future construction.
- Topographic Pickup Survey to locate public and private utilities, utility structures, valve boxes, fire hydrants, domestic water service boxes, domestic sanitary cleanouts if applicable, lids, parkway trees, street signs (with text), pavement markings, property limits, street lighting and other pertinent site features as required.
- A design stage J.U.L.I.E. may be requested so that utility markings are present at the time of the data collection for all Village and private utilities.

**Task 4 – Utility Structure Survey;** Existing utility structures and pipes within the Village ROW will require survey and pole-down information to determine utility structure rim elevation, upstream and downstream pipe invert elevations, pipe sizes, materials, and condition ratings. Depending on the Village's desired approach, existing structures will need to be adjusted to revised grades, removed, replaced, or abandoned along with associated infrastructure piping.

**Task 5 – Base Mapping/Development of Existing Conditions;** After the topographical and utility structure surveys have been completed, TEG will reconcile the data with various input received from private utility agencies and the Village. TEG will use this data to develop existing condition drawings for electronic and hard copy submittal to the Village and project team for preliminary design efforts. Following finalization of base mapping, a plan-in-hand review will be performed to verify their accuracy.

**Task 6 – Data Analysis/Soil Testing:** Using the data collected, TEG will conduct various analyses as needed. Vince Micek, P.E., CFM will perform localized drainage studies as the replacement of the water main is expected to impact existing lateral storm sewer connections and sanitary sewer services. At this time, permitting requirements will be assessed based on the level of utility work and area of disturbance.

Kevin VanDeWoestyne, P.E. and Vince Micek P.E., CFM, will develop the design criteria for the water main as well as the needed connections, pressure vs. non-pressure, temporary service, etc. As part of this work, TEG will assess the critical aspect of maintaining water service to locals with the intent to keep total shutdowns at a minimum and for only short durations while realigning the water main so that future access is made as easy as possible. Given the existing alignment in a busy parkway with maturing trees and realignment of the existing ComEd facilities, TEG anticipates the need to explore water main relocation or ancillary sewer replacement to accommodate water and sewer separation requirements adhering to the “Standard Specifications for Water and Sewer Construction in Illinois”.

TEG will review the roadway geotechnical reports and incorporate corrective actions into the plans at locations where the Village typical subgrade improvement is not adequate or where unsuitable materials are identified. These corrective actions could include deeper soil modification, if feasible, or the removal and replacement with aggregate. The most common remedial action is undercutting and replacing unstable materials with geo-textile fabric and porous granular embankment subgrade (PGES), particularly when the soil is classified as silt, silty loam, silty clay loam, or silty clay. TEG will discuss our recommendations with Village staff prior to incorporating details into the plans.

TEG will use data collected in preceding steps to develop a preliminary plan for submittal to the Village. This report will contain analysis of existing conditions, verification of R.O.W., recommendations for preferred alternatives based on findings affecting the normal improvement, clear description of final scope of work, and preliminary estimate of construction cost and schedule. Also included will be detailed summaries of each of the concepts enabling Village staff to coordinate and discuss these analyses with the project team and with any and all stakeholders identified to date. The focus of the report and the recommendation will be on how each alternative did or did not meet the criteria established, the Village’s budget for the project, and ultimately the goals of the improvement.

**Task 7 –Utility Coordination, Developer Coordination, Adjacent Contract Coordination:** Utilities will be located (by others), evaluated, and any coordination and modifications will be noted and provided to the Village. Early coordination with the utility companies is very important. TEG takes pride in attempting to avoid unforeseen utility conditions. TEG will assist the Village with early utility coordination by sending a notice and base mapping plans to all utilities located within the limits of the affected R.O.W. It is necessary and prudent to perform continual coordination with utility companies. A common practice TEG has utilized, with the Utility companies permission, is to include on the plans the contact name and number of the utility person who has discussed and reviewed the project during design. This will also be the point of the contract where we begin coordination with the railroad. We understand that the Village has a good working relationship with them and it will be important to utilize that in order to get this project designed quickly. TEG will also coordinate with the developer of 1 N Cass to incorporate the developer’s design and ensure no conflicts with their design. TEG will coordinate the adjacent resurfacing and traffic signal contracts to ensure there are no conflicts and to determine the proper construction limits.

**Task 8 – Development of 65% plans;** TEG will utilize the preliminary plan to implement the preferred improvements and develop 65% plans, specifications, and estimates of cost and time. This will refine the preferred design alternatives, cost estimates, impacts to construction schedule and also determine if any/all studies should be incorporated into the final PDR. TEG will work with the Village to finalize the 65% Plans that will be used to determine the recommended design alternative. TEG fully understands that the Village has the ultimate authority in the final decision-making process.

## **PHASE II – DEVELOPMENT OF CONSTRUCTION DOCUMENTS**

Construction documents will be developed following decisions made in the Phase I scope listed above. Review comments obtained from utility notices will be included in the plans for affected facilities. Estimates of cost and time will be prepared and maintained to track construction costs and schedules.

**Development of Preliminary Plans, Specifications, and Estimates (PS&E);** TEG will utilize the preliminary plan to implement the preferred improvements and develop 65% plans, specifications, and estimates of cost and time.

During the 65% and 95% submittals, the various Phase II permits will be initiated in accordance with resource agency requirements and project schedule. The TEG team will continue utility coordination efforts with private utility agencies during this stage.

**Final PS&E Submittal and Village Review;** Once all preliminary review comments have been received, TEG will prepare plans, specifications, and estimates for Final Submittal. TEG will provide full-size sets of substantially complete 95% review plans, specifications, and estimates to the Village. Once all final review comments have been cleared and approved, TEG will engage the Village prior to advertisement.

TEG will prepare the potable water and sanitary sewer IEPA Application for Construction Permits on behalf of the Village for submittal to the Division of Water Pollution Control, Permit Section. Based on current review times experienced by TEG staff, the application review and approval process is anticipated to take approximately 60 days.

**Project Advertisement/Bid Assistance;** This proposed task will include the preparation of contract documents including plans and bid packages. The TEG team will attend required meetings including the pre-bid conference (if applicable) and bid opening as required by the Village. TEG will partner with the Village to answer bidder's questions and Requests for Information (RFI) during the bidding phase, evaluate bids, and provide a recommendation for the Village's consideration.

**Public Information Meeting (PIM)** – TEG will attend the PIM prior to construction. While several issues such as stage construction and the need for detours during construction are anticipated, the TEG team can engage the residents and provide information with respect to travel pattern and approved MOT. TEG will review meeting minute discussions as well as develop a mailing list for all potential stakeholders. We expect these to include residents, school officials, staff from Westmont Police and Fire Departments, Park District, the Village Board, utility companies, other concerned residents, and the project team.

## PHASE II - SHEET WORK

The Construction Documents may include the preparation of the following sheets see the Exhibit A for the specific sheets in accordance with the above-mentioned standard documents and the following details:

1. **Cover Sheet** - Includes location map, index of drawings, index of IDOT statewide standards, contact information, seal and signature blocks.
2. **Summary of Quantities** - Includes all pertinent calculated quantities for construction materials with specialty item designations, IDOT pay code numbers, IDOT pay item descriptions, units, and total quantities.
3. **General Notes and Commitments** - Includes all general and special notes applicable to the project.
4. **Existing and Proposed Typical Sections** - Typical sections will be produced for Burlington Ave and all cross-streets in which radius returns are being improved.
5. **Alignment, Ties and Benchmarks** - Survey will be prepared in Illinois State Plane Coordinate System.
6. **Plan and Profile** - To include proposed roadway geometrics, features, existing ROW, easements, and construction limits.
7. **Traffic Control and Maintenance of Traffic (MOT) Plan** - Including suggested stages of construction and traffic control and protection (1:50 scale) with typical sections as necessary. MOT plans will take into account all future phases of construction, keeping construction traffic off of recently improved Village streets or streets that are not planned for improvements.
8. **Intersection Grading Plans** – To include additional finished grade information for intersection improvements.
9. **Drainage and Utilities** Inlet spacing will be determined and design of storm sewers will be performed for Burlington Ave. Calculations will be prepared and construction drawings developed. Alignments of any new mains, placement of appurtenances, connection designs, and suggested sequences of construction are included in this task. Depending on the bill of materials and space constraints, proposed water and sewer mains shall be placed in accordance with IEPA water-sewer separation requirements. TEG will develop the design criteria for the water main and sanitary sewer design as well as the needed connections. As part of this work, we will assess the critical aspect of reconnecting existing services and minimizing disruption of service to local residents.
10. **Landscaping and Erosion/Sediment Control Plans** - Appropriate landscape elements, such as seeding, sod, trees, etc., can be shown with their limits defined. Tree protection will be paramount in order to maintain the mature trees and overhanging canopies that currently mark the corridor during the growing seasons. Erosion control plans will be developed based on the drainage design. A Stormwater Pollution Prevention Plan will be developed as required by NPDES. The erosion control plan will be prepared in accordance with NPDES standards using the National Resource Conservation Service details.
11. **Cross-Sections** - Cross-sections will be provided from right-of-way to right-of-way along Burlington Ave every 25' throughout the project limits. Cross-sections will also be provided from the centerline to right-of-way for driveways and all other access points. In areas where additional right-of-way or easements may be needed, the cross-sections will extend to the proposed right-of-way/easement limits.

12. **Roadway and Construction Details** - As necessary
13. **Pavement Marking Plans, Details and Signing Strip Map** - A strip map will be provided with the pavement marking plans. The station and offset for all roadway signage will be shown. Additional signage details will be presented and a schedule of the signs will be prepared.
14. **Lighting Plans** - To include proposed station and offset for all street lighting appurtenances, proposed conduit/unit duct size, location and circuitry. This will include not placing a light pole foundation and conduit in conflict with utilities.
15. **Lighting Circuit Diagram** - Proposed luminaire/outlet circuit diagram and lighting general notes.
16. **Lighting Details** - To include street light pole, luminaire, foundation, splicing details, controller diagram, and controller component schedule.
17. **Highway Standards and District One Details** - Provided as appropriate.

#### **PHASE II NON-SHEET WORK**

1. **Special Provisions** will be prepared for items not covered in the Standard Specifications or requiring unique information for construction. IDOT District One Recurring, Local Roads, Supplemental, and BDE Special Provisions check sheets will be completed and presented with the Special Provisions.
2. **Estimate of Time** - An Estimate of Time will be prepared and a schedule prepared for the estimated construction duration.
3. **Meeting/Field Check/Coordination** – Up to three meetings will be held through preparation of Construction Documents to ensure complete and accurate plans are delivered for construction.
4. **Roadway QC/QA** - The team will provide senior level staff to ensure that the design of the project meets the requirements as outlined in the QC/QA plan for the project. This effort includes checking the design and quantities as various points in plan development to limit or eliminate internal errors and plan inconsistencies.
5. **Administration and Management** - This task involves project management and coordination, scheduling and budgeting resources, preparation of invoices, progress reports, meeting minutes, and phone logs. Also included is the review of subconsultant progress reports, invoices, and coordination with the Village and their subconsultants.



## PROPOSED DESIGN SCHEDULE

TEG has an excellent record of designing Projects within budget and scope as well as ensuring that Projects are constructed in a timely matter. TEG has identified the primary tasks of each stage and evaluated each tasks' duration ultimately identifying the critical path to complete all engineering and proceeding to construction in the time frame desired by the Village.

	Project Milestones	Estimated Duration	Completion Date
Phase I – Preliminary Engineering	<i>Consultant Selection – Board of Trustees Approval</i>	N/A	7/2021
	Notice to Proceed	N/A	7/2021
	Task 1: Kick-Off Meeting	N/A	7/2021
	Task 2: Data Collection	1 Week	7/2021
	Task 3: Pickup Survey/Design Stage J.U.L.I.E.	1 Week	7/2021
	Task 4: Utility Structure Pickup Survey	1 Week	7/2021
	Task 5: Base Mapping/Development of Existing Conditions	1 Week	8/2021
	Task 6: Data Analysis/Soil Testing	1 Week	8/2021
	Task 6: Initiate Utility Coordination & RR Conceptual Water main Design/Comparative Feasibility Assessment/Selection of Preferred Alternative	1 Week	8/2021
	Task 7: Plans 65% Submittal	3 Weeks	8/2021
	Consensus Reached/Design Approval	1 Week	8/2021

	Project Milestones	Estimated Duration	Completion Date
Phase II- Final Engineering	<b>Permit Applications (IEPA Sewer/Water, etc.)</b>	<b>60 Days</b>	<b>8/2021-10/2021</b>
	95% Plan Preparation/Village Review	2 Weeks	9/2021
	Final Plans/Village Review	1 Week	10/2021
	Advertise for Bidding	TBD	<b>11/2021</b>
	Village Board Approval	TBD	
	Preconstruction Meeting	TBD	
	Begin Construction	TBD	
	<b>Complete Construction</b>	<b>TBD</b>	

## DESIGN FEES

We have utilized a direct labor multiple (DLM) contract type and a factor of 3.0 to calculate our cost estimate of consultant services (CECS) based on the actual Hourly Rate of Pay for the individuals assigned to the Project.

Our geotechnical subconsultant will provide geotechnical soil testing for any ecological “green” alley section design. The geotechnical scope of services includes determining the surface infiltration rates of the existing subgrade materials to determine the permeable paver typical cross section, in addition to investigating the soil environmental conditions.

The total hours and costs associated with the project are summarized below:

<u>Scope Item</u>	<u>Job Hours</u>	<u>Total Cost</u>
Burlington Avenue Realignment	414 Hours	\$65,550.00

**TOTAL COST: \$65,550.00**

Additional details of our estimates can be found in the Schedule of Estimate of Hours and Schedule of Services and Fees in Exhibits “A” and “B”. Please reference the following pages for greater detail of our estimate. While we believe that this estimate accurately reflects our best effort at understanding the scope of work as described in our proposal, we understand that the Village of Westmont may interpret the scope differently and may seek to add, subtract, or modify the scope or level of effort contained herein. TEG is excited to serve the Village of Westmont again and can negotiate the scope and effort to meet the exact expectation of the Village.

If you have any questions or require additional information, please feel free to contact me at (630) 441-3761, or via email at [vincem@thomas-engineering.com](mailto:vincem@thomas-engineering.com).

Sincerely,  
Thomas Engineering Group, LLC.



Vince J. Micek, P.E., CFM

### Enclosures

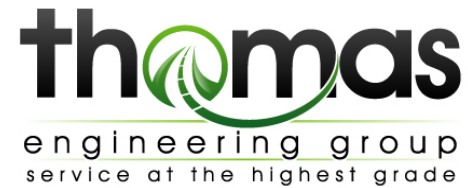
1. Exhibit “A” – Estimate of Hours
2. Exhibit “B” – Schedule of Services and Fees

**EXHIBIT "A"****Estimate of Hours****Burlington Avenue Realignment**

Project: Village of Westmont - Burlington Realignment Design Services

Prepared By: Thomas Engineering Group, LLC

Date: 06/17/21

**SHEET WORK**

Plan Sheet Task	Plan Sheet Description (- Clarification)	Scale (If Applicable)	Number of Sheets	Hours Per Sheet	Total Hours
1	Cover Sheet, Index of Sheets		1	1	1
2	General Notes, Summary of Quantities		2	8	16
3	Typical Sections - Includes existing and proposed typical sections - Sections extend from existing ROW to ROW - Includes HMA mixture requirements		1	8	8
4	Plan-Profile Sheets - Includes removal items - Includes proposed roadway features/site/gate details - Includes Drainage and Utilities - Includes Maintenance of Traffic - Includes Erosion Control Plan/Landscaping - Includes proposed pavement markings - Includes construction details		7	24	168
5	Cross Section Sheets - Includes existing and proposed elements	25' Intervals	2	12	24
6	IDOT District 1 Details		2	0.5	1
Plan Sheet Subtotal			15		218

**NON-SHEET WORK**

Non-Sheet Task	Non-Sheet Description	Submittals, Duration, Etc.	Total Hours
1	Data Collection/Topo/Eval of Existing Conditions	1	24
2	Special Provisions/Opinion of Probable Cost	1	40
3	Drainage and Utilities/IEPA Permit/SWPPP	1	40
4	Utility, Developer, and Adjacent Contract Coordination	1	60
5	Roadway QA/QC (4% of Total)	Entire Project	16
6	Administration and Management (4% of Total)	Entire Project	16
Non-Sheet Subtotal			196

Total 414

The TEG Team will attend required meetings including the pre-bid conference and bid opening as required by the Village. TEG will also attend the pre-construction meeting and provide complete bid assistance following with Request for Information (RFI) assistance during the construction of the Project.

EXHIBIT "B"  
 Schedule of Services and Fees



TO: Mr. Michael Ramsey, P.O.  
 Village of Westmont  
 Public Work Department  
 155 E. Burlington Avenue  
 Westmont, IL 60559

Thomas Engineering Group, LLC.		Burlington Avenue Realignment						TOTAL	
		SHEET WORK							
		TASK 1	TASK 2	TASK 3	TASK 4	TASK 5	TASK 6		
TITLE	RATE	HOURS	HOURS	HOURS	HOURS	HOURS	HOURS	JOB HOURS	DIRECT LABOR
PROJECT MANAGER	\$ 65.00		4	2	24	4		34	\$ 2,210.00
PROJECT ENGINEER	\$ 45.00		12	6	80	16		114	\$ 5,130.00
CHIEF SURVEYOR	\$ 55.00							0	\$ -
SURVEY/CADD TECHNICIAN	\$ 50.00	1			64	4	1	70	\$ 3,500.00
QC/QA	\$ 70.00							0	\$ -
TASK SUBTOTAL		1	16	8	168	24	1	218	
								SUBTOTAL (SHEET WORK) \$	10,840.00

Thomas Engineering Group, LLC.		Burlington Avenue Realignment						TOTAL	
		NON-SHEET WORK							
		TASK 1	TASK 2	TASK 3	TASK 4	TASK 5	TASK 6		
TITLE	RATE	HOURS	HOURS	HOURS	HOURS	HOURS	HOURS	JOB HOURS	DIRECT LABOR
PROJECT MANAGER	\$ 65.00	2	12	12	40		16	82	\$ 5,330.00
PROJECT ENGINEER	\$ 45.00	4	28	28	20			80	\$ 3,600.00
CHIEF SURVEYOR	\$ 55.00	12						12	\$ 660.00
SURVEY/CADD TECHNICIAN	\$ 50.00	6						6	\$ 300.00
QC/QA	\$ 70.00					16		16	\$ 1,120.00
TASK SUBTOTAL		24	40	40	60	16	16	196	
								SUBTOTAL (SHEET WORK) \$	11,010.00
								TOTAL DIRECT LABOR \$	21,850.00

MULTIPLIER  
 3 \$ 65,550.00  
 TOTAL \$ 65,550.00

**BURLINGTON REALIGNMENT PROPOSAL \$ 65,550.00**