

December 20, 2016

Mr. John J. Ingram
Infrastructure Maintenance Director
Village of Orland Park
14700 S. Ravinia Avenue
Orland Park, Illinois 60462

***Subject: Orland Park – 143rd Street Metra Station Stairs – Design Engineering
Amendment No. 1***

Dear Mr. Ingram,

Baxter & Woodman (B&W) is pleased to submit this Amendment to our proposal dated September 17, 2015 to provide additional design engineering for a ramp and stairs at the 143rd Street Metra Station.

Project Understanding

The Village planned to construct stairs from the east Metra passenger platform to the multi-use path. Our original Proposal noted that bid documents would not be prepared because the improvements were anticipated to be included in the Village's 2016 Neighborhood Road Improvement Program. However, the planned improvements could not be included with the 2016 Road Program because after a preliminary plan was prepared and submitted to Metra for review, Metra indicated that the proposed improvements would have to include an ADA ramp.

Metra has since agreed to be responsible for construction of the stair improvements if the Village performs all necessary design engineering. This amendment is for the additional design engineering effort required to incorporate an ADA ramp into the stair improvements and to prepare bid documents as required by Metra.

It is assumed that all buried electric and telecommunication cables for lighting, railroad signals/communication, etc. are of sufficient depth to not conflict with construction of the proposed improvements.

Scope of Services

- *Metra Design Coordination:* Additional coordination with Metra to obtain approval of plans.
- *Opinion of Probable Cost:* Prepare revised summary of quantities and engineer's opinion of probable cost.
- *Specifications:* Prepare additional special provisions in accordance with Village and Metra guidelines to specify items not covered by the Standard Specifications for Road and Bridge Construction.
- *Detailed Drawings:* Complete additional plan sheets required for bidding including: Cover, Summary of Quantities, Schedule of Quantities, Typical Sections, Erosion Control, Removals, Grading, and Landscaping.

- *Ramp Plans:* Prepare plan sheets for ramps including adjacent grading and railing layout.
- *Retaining Wall Plans:* Design segmental concrete block retaining walls not requiring soil reinforcement to support ramps and adjacent embankment including engineering plans, details, and special provisions.
- *Assist Bidding:* Provide clarification for bid documents/respond to questions from bidder's/Metra.
- *Construction Phase Assistance:* Respond to design related questions from Contractor/Metra.
- *Project Management:* Plan, schedule, and control the additional activities that must be performed to complete the Project including budget, schedule, and scope. Coordinate with Village and project team to ensure the goals of the Project are achieved.

Engineering Fee

Our engineering fee for the above stated scope of services will be based upon our hourly billing rates for actual work time performed plus reimbursement for out-of-pocket expenses which is estimated to total an additional **\$23,500** for an amended not to exceed amount of **\$37,340**.

All terms and conditions of the Master Agreement dated March 17, 2015 with the Village of Orland Park shall apply.

If you find this proposal acceptable, **please sign and return one copy for our files**. Upon your written authorization to proceed, we will begin working immediately. We appreciate the opportunity to submit this proposal and to continue working with the Village. Please do not hesitate to contact Adam James at 815-444-3332 or ajames@baxterwoodman.com if you have any questions or need additional information.

Sincerely,

BAXTER & WOODMAN, INC.
CONSULTING ENGINEERS



Derek J. Wold, P. E.
Vice President

Attachment

VILLAGE OF ORLAND PARK, IL

AUTHORIZED BY: _____

TITLE: _____

DATE: _____

Village of Orland Park						
Plan Number: 150350.40						
Plan Name: ORLPK-143rd Street Metra Station Stairs - Amendment No. 1						
Level 2	Level3	Labor Category	Planned Hrs	Planned Labor Bill	Reimb Allowance	Total Compensation
Overall Project Total			190.00	23,500.00	0.00	23,500.00
01	Topographic Survey		0.00	0.00	0.00	0.00
		Sr Engineer III				
		Engineer II				
		CAD/GIS/Survey Tech III				
02	Metra Design Coordination		4.00	600.00	0.00	600.00
		Sr Engineer III	4.00	600.00		
		Engineer II				
03	Plans, Specifications and Estimate of Cost		178.00	21,680.00	0.00	21,680.00
		Sr Engineer IV	12.00	2,040.00		
		Sr Engineer III	26.00	3,900.00		
		Sr Engineer II	52.00	7,280.00		
		Engineer II	84.00	7,980.00		
		CAD/GIS/Survey Tech IV	4.00	480.00		
		CAD/GIS/Survey Tech III				
		Clerical II				
04	Project Management		2.00	340.00	0.00	340.00
		Sr Engineer IV	2.00	340.00		
		Sr Engineer III				
05	Assist Bidding and Construction		6.00	880.00	0.00	880.00
		Sr Engineer III	4.00	600.00		
		Sr Engineer II	2.00	280.00		