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December 29, 2010

Mr. Edward Wilmes
Director of Public Works
Village of Orland Park
15655 Ravinia Avenue
Orland Park, IL 60462

RE: US 45 (LaGrange Road) Phase II
131st Street to 179th Street
State Section: TBD
State Job No. D-91-569-08
Cook County

Dear Mr. Wilmes:

The US 45 Phase I Study for the above limits was approved in January 2006. Since that time the Village of Orland Park has commissioned the "LaGrange Road Corridor Study" to review the existing conditions, identify issues and challenges and make recommendations to support the concepts of Complete the Streets, multiple-modes-of-mobility oriented communities, enhance and improve transit, and improve safety. Numerous public meetings were held during the "LaGrange Road Corridor Study" to gather input and to secure stakeholder acceptance of the concepts being proposed.

Now that the report is completed the Village would like to implement a portion of the recommendations along the corridor. In order to do this, the Village is requesting that the proposed LaGrange Road cross section be modified to a uniform width throughout the entire project limits. Three proposed cross sections from the Phase I Study currently are approved. The Village and the three other corridor communities (Palos Park, Orland Hills, Tinley Park) would like to have the cross sections for Segments 1 and 3 adjusted to be the same as Segment 2's cross section. The two inside lanes would be reduced from 12 feet wide each to 11 feet wide each. The outside lane would remain at 12 feet. As proposed, the median would be reduced in width from 30 feet to 28 feet. The added six feet gained by reducing land and median widths would provide greater lateral clearances, have less impact on the adjacent businesses, enhancing the corridor aesthetics, and provide a safe passage for pedestrians and other users requiring mobility within the project corridor.

Per initial discussions with IDOT and FHWA, conceptual geometry and proposed typical cross sections at the critical locations are required in order for them to evaluate and approve a change in lane widths. McDonough Associates, as the Phase 2 consultant, has the project CADD files and is in the best position



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to provide the requested information in the shortest duration. Enclosed for your review is our scope of work and fee to provide the above mentioned services. Based on the attached scope of work the cost for performing the services is \$25,232 based on an IDOT approved overhead rate of 143.30% and their cost formula.

If this proposal is acceptable to the Village, please sign both copies and return one copy to McDonough Associates, Inc. We will begin work once we receive written or verbal authorization to proceed. We look forward to working with you and the Mayor on these important Village projects. If you have any questions concerning this material please contact the undersigned.

Very truly yours,

McDonough Associates, Inc.

Feroz Nathani, P.E.
President

Encl:

cc: M. Hannemann R. Young File

Acceptance by the Village of Orland Park:

Signature

Title

Date

**Proposal For
Pavement Reduction Concept
For
LaGrange Road from 131st Street to 179th Street**

McDonough Associates Inc. (MAI) has been requested by the Village of Orland Park to provide advisory support and technical assistance to the Village in the matter of revising the proposed roadway cross section for the LaGrange Road Improvement from 131st Street to 179th Street. MAI will act as a liaison for the Village with the Illinois Department of Transportation (IDOT) on issues relating to geometrics for the roadway, anticipated plan revisions and median landscaping. MAI will meet periodically with the Village staff to review project plans, prepare exhibits and documentation that is requested by the Village and IDOT and attend any coordination meetings with IDOT/FHWA.

The following tasks are anticipated to be performed as part of the above described work.

1. Meetings with the Village of Orland Park

- Four coordination meetings with the Village staff to prepare a plan of action to present to IDOT.
- Three meetings with the Village staff and the Norris Design group to resolve median landscaping issues.
- Prepare minutes of coordination meetings documenting the results and approval for the project record.

2. Preparation of Meeting and Presentation Material

- Research job files for historical comments and design reviews.
- Prepare a Typical Section comparison exhibit.
- Prepare a conceptual plan with the reduced cross section overlaid on the current proposed plan for IDOT review.
- Analyze cross sections for parkway availability.
- Evaluate cross streets geometry per Corridor Study recommendations.

3. Coordination Meetings with IDOT and FHWA

- Prepare for and attend coordination meetings to discuss and resolve any issues related to the proposed reduced pavement cross section.

- Prepare minutes of coordination meetings documenting the results and approval for the project record.

4. Prepare Technical Responses to IDOT Comments

- Prepare any technical analyses requested by either the Village or IDOT to supplement the reasoning and justification for reducing the pavement cross section. This work would include identifying the benefits to pedestrians and bicyclists using the paths along LaGrange Road, identifying access points to proposed pedestrian/bike generators, identifying access to transit oriented destinations and recreational areas, i.e. Orland Grasslands and McGinnis Slough.

The following is an estimate of the man-hours proposed to provide these services.

1. <u>Meetings with the Village of Orland Park</u>	<u>Man-hours</u>
Meetings with the Village – 2 mtgs with 2 MAI @ 4 hours/mtg	16
Prepare meeting minutes – 1 person for 4 mtgs @ 2 hours/mtg	8
Meeting Village and Norris – 3 mtgs with 2 MAI @ 4 hours/mtg	24
Prepare meeting minutes – 1 person for 3 mtgs @ 2 hours/mtg	6
Prepare meeting minutes – 1 person for 2 mtgs @ 2 hours/mtg	4
Sub-total	58
2. <u>Preparation of Meeting and Presentation Material</u>	
Research job files for historical.	8
Prepare a Typical Section comparison exhibit.	6
Prepare a set of plans with the reduced cross section overlaid on the current proposed plan for IDOT review.	64
Review and evaluate cross sections	32
Evaluate cross street geometry	8
Sub-total	118
3. <u>Coordination Meetings with IDOT and FHWA</u>	
Prepare for and attend IDOT/FHWA meetings –	
2 mtgs with 2 MAI @ 4 hours/mtg	16
Prepare meeting minutes – 1 person for 3 mtgs @ 2 hours/mtg	6
Sub-total	24

4. **Prepare Technical Responses to IDOT Comments**

Prepare technical memos, white papers, etc.

1 persons @ 8 hours 8

Sub-total 8

Man-hours Grand Total 208

COST PLUS FIXED FEE

COST ESTIMATE OF CONSULTANT SERVICES

FIRM

McDonough Associates

PSB

N/A

PRIME/SUPPLEMENT

DATE _____

12/30/10

**OVERHEAD RATE
COMPLEXITY FACTOR**

1.433

0

DBE DROP BOX	ITEM	MANHOURS (A)	PAYROLL (B)	OVERHEAD & FRINGE BENF (C)	IN-HOUSE DIRECT COSTS (D)	FIXED FEE (E)	Outside Direct Costs (F)	SERVICES BY OTHERS (G)	DBE TOTAL (H)	TOTAL (B-G)	% OF GRAND TOTAL
	Pvmt Reduction Study	208	9,002	12,899		3,331				25,232	100.00%
	Subconsultant DL					0				0	0.00%
	TOTALS	208	9,002	12,899	0	3,331	0	0	0	25,232	100.00%