

ILLINOIS DEPARTMENT OF TRANSPORTATION

Request for Approval  
of Change in Consultant Contract

Date: 8/1/2012

Local Agency: LAKE COUNTY

Request: No. 2

Name: 2040 Lake County Transportation  
Priority Plan

To: Lake County Division of Transportation

Section: 09-00000-19-ES

Consultant: TransSystems

I recommend that an addition be made to the above consultant contract.

The estimated work is listed below

Original contract amount for services described:	\$467,815.40
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Sum of all previous contract change orders:	\$22,655.08
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Item #	Description	Additions	Deductions
1	Revision of 2040 Peak Travel demand models	\$44,042.67	
TOTALS		\$44,042.67	\$0.00
NET CHANGE		\$44,042.67	\$0.00

Net ADDITION change to date \$66,697.75 which is 14.26 % of the original contract amount for services described

State fully the nature and reason for change:

Please see attached.

Revised contract amount for services described:	\$534,513.15
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When the net increase or decrease in the cost of the contract is \$10,000 or more, or the time of completion is increased or decreased by 30 days or more, one of the following statements shall be checked.

The undersigned determined that the circumstances which necessitated this change were not reasonably foreseeable at the time the contract was signed.

The undersigned determined that the circumstances which necessitated this change were not within the contemplation of the contract as signed.

The undersigned determined that this change is in the best interest of the local agency and is authorized by law.

Project Engineer  Date 8/1/2012

Engineer of Design  Date 8-1-2012

Approved  Date 8/2/2012  
Acting County Engineer

2040 Lake County Transportation Priority Plan  
LCDOT Change Order No. 2

TO: Public Works and Transportation Committee  
Financial Administrative Committee

**Committee Action Meeting Date**  
**DATE: August 8, 2012**  
**DATE: August 8, 2012**

FROM: Paula J. Trigg  
Paula J. Trigg, P.E.  
Acting County Engineer

**SUBJECT: Change Order No. 2**  
**Section No. 09-00000-19-ES**

Joint Committee action item approving Change Order No. 2 Consisting of an increase of \$ 44,042.67 for additions to the 2040 Lake County Transportation Priority Plan, Engineering Services, designated as Section No. 09-00000-19-ES.

- 2040 Lake County Transportation Priority Plan, Engineering Services: LCDOT Change Order No. 2
- Change Orders need to be approved by the standing committees for cumulative net increases over 10%.
- The 2040 Lake County Transportation Priority Plan, project is under contract with Engineering Transystems, in the amount of \$ 467,815.40.
- Additional engineering services are being requested for several revisions to the original scope of work as detailed in the attached Supplement No. 2.

Summary:

Original awarded contract:	<u>\$467,815.40</u>
Change Order No. <u>1</u> :	<u>\$ 22,655.08</u>
Change Order No. <u>2</u> :	<u>\$ 44,042.67</u>
Sum of all changes:	<u>\$ 66,697.75</u>

**CHANGE ORDER #2 SCOPE**

Lake County 2040 Transportation Plan  
Section 09-00000-19-ES

The purpose of the change order is to revise the completed 2040 peak travel demand models. The peak hour models will be revised to incorporate the Illinois Route 53 Blue Ribbon Advisory Council recommended facility instead of the previous CMAP recommended facility. The change order will supplement the work in Task 2, Travel Demand Model in the original Scope of Work.

Task 2      Travel Demand Modeling

- A Review the recommendations of the IL 53/120 Blue Ribbon Advisory Council as to the physical and operating characteristics of the IL 53 Extension. These characteristics include:
  - 1 Number of lanes
  - 2 Alignment
  - 3 Speed Limit
  - 4 Location of Interchanges
  - 5 Associated improvements to adjacent arterial roadways
  
- B Develop a methodology, based on the existing modeling framework already developed for the Lake County 2040 Plan Project, to address congestion pricing strategies recommended by the IL 53/120 Blue Ribbon Advisory Council.
  
- C Review the previously defined 2040 Baseline Network. Compare the projects contained in this network to those in the updated current IDOT and LCDOT programs, projects currently undergoing engineering, as well as the most current CMAP 2040 network. Identify projects to be added to or removed from the previously developed LCDOT 2040 Baseline Network.
  
- D Code into the LCDOT 2040 Baseline Network, i.e., the Emme travel demand forecasting network, the revised IL 53 Extension and other projects identified as additions to the Baseline Network in Task 2.C. Remove from the 2040 Baseline Network any project identified for deletion in Task 2.C
  
- E Prepare the revised 2040 LCDOT Baseline Network Deficiency Analysis. Run A.M. and P.M. peak period assignments and calculate the following measures:
  - 1 Level of Service
  - 2 Volume to Capacity Ratio
  - 3 Travel Desire Ratio
  - 4 Combined Deficiency Index
  
- F Prepare exhibits using ArcGIS to report the results of the Deficiency Analysis in the same format as previously used to report Deficiency Analysis results.
  
- G Attend one meeting with LCDOT Staff to present and discuss results of revised 2040 Deficiency Analysis.

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**AMENDMENT AGREEMENT**

The Lake County 2040 Transportation Plan Agreement dated the 16<sup>th</sup> day of March 2010 and Amended Agreement Change Order #1, entered into between TranSystems Corporation and Lake County, for good and valuable consideration including the promises and agreements set forth hereafter is hereby amended, modified, and revised as follows:

1. Revise 2040 Peak Hour Travel Demand Models as detailed in attached Change Order #2 Scope and Cost

All other terms and conditions of said original agreement identified herein above that are not expressly amended, modified, and or revised by this Amendment Agreement, shall remain unchanged and in full force and effect.

The undersigned being the authorized representatives of the contracting parties identified herein, have executed this Amendment Agreement to make it binding upon the parties hereto effective this \_\_\_\_\_ day of \_\_\_\_\_ 2012.

LAKE COUNTY

TRANSYSTEMS CORPORATION

By: \_\_\_\_\_

By: \_\_\_\_\_

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# Average Hourly Project Rates

Route 2040 Transportation Plan  
 Section 09-00000-19-ES  
 County Lake  
 Job No. Change Order #2  
 PTB/item

Consultant TranSystems

Date 06/13/12

Sheet 1 OF 1

Payroll Classification	Total Project Rates			2-Modeling											
	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg
Senior Project Manager (Highway)	40	10.93%	7.57	40	10.93%	7.57									
Senior Transportation Planner	120	32.79%	18.10	120	32.79%	18.10									
Design Engineer I (Highway)	206	56.28%	16.14	206	56.28%	16.14									
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<b>TOTALS</b>	366	100%	\$41.81	366	100%	\$41.81	0	0%	\$0.00	0	0%	\$0.00	0	0%	\$0.00

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