Legistar: 150550

DISTRICTS - 1 & 2

VILLAGE OF LOMBARD REQUEST FOR BOARD OF TRUSTEES ACTION For Inclusion on Board Agenda

X	Resolution or Ordinance (Blue)Waiver of First Requested Recommendations of Boards, Commissions & Committees (Green) Other Business (Pink)								
TO:	PRESIDENT AND BOARD OF TRUSTEES								
FROM:	Scott Niehaus, Village Manager								
DATE:	November 24, 2015 (COW) (<u>B of T</u>) Date: December 3, 2015								
TITLE:	IL Route 53 at Madison Street Motor Fuel Tax Documentation								
SUBMITTED BY:	David Gorman, PE, Assistant Director of Public Works DOL								
BACKGROUND/PO	OLICY IMPLICATIONS:								
	roject that includes intersection widening, road resurfacing and reconstruction, a traffic ad storm sewer improvements.								
FISCAL IMPACT/	FUNDING SOURCE:								
	40,474.98.00 13-04 IL Route 53 at Madison Street I Tax Fund: 420.730.730.75410								
Review (as necessary									
Village Attorney X_	Date								
Village Manager X	Date								
NOTE:	All materials must be submitted to and approved by the Village Manager's Office by 12:00 noon, Wednesday, prior to the Agenda Distribution.								

Legistar: 150550



To: Scott Niehaus, Village Manager

Through: Carl S. Goldsmith, Director of Public Works 🕎

From: David Gorman, PE, Assistant Director of Public Works

Date: November 24, 2015

Subject: IL Route 53 at Madison Street- Motor Fuel Tax

Documentation

The current Capital Improvement Plan (CIP) has programmed IL Route 53 at Madison Street for construction in FY 2016 in conjunction with the Illinois Department of Transportation (IDOT) and York Township. This project will use outside funding sources (federal Surface Transportation Program and IDOT state contribution) along with Village funds, and completed construction documents have been submitted to IDOT. The project will consist of intersection widening, road resurfacing and reconstruction, a traffic signal installation, and storm sewer improvements.

The engineering costs have been and will be paid through the Motor Fuel Tax Fund, and the anticipated payment information is provided below.

MFT Funding Overview						
Engineering Phase	Payment Amount					
Phase 1 (remaining)	76,643.65					
Phase 2	276,908.51					
Phase 2 (supplement)	6,924.82					
Phase 3	279,998.00					
Total	640,474.98					

Please present documents to the President and Board of Trustees for their review at their regular meeting of December 3, 2015. If approved, please return all original signed copies of the documents to Public Works–Engineering for further processing.



Request for Expenditure/Authorization of Motor Fuel Tax Funds

For District Use Only			
Transaction Number	Municipality	Village of Lomba	ard
	County	DuPage	
Date	Rd. District	N/A	
Checked by	Section	11-00155-00-CH	1
I hereby request authorization to expend Motor F Purpose	Fuel Tax Funds as indicated	below.	Amount
Contract Construction			
Day Labor Construction			
Right-of-Way (Itemized On Reverse Side)			
Engineering			640,474.98
Maintenance Engineering			
Engineering Investigations			
Other Category			
Obligation Retirement			
Maintenance			
Co. Eng./Supt. Salary & Expenses (Period from			
IMRF or Social Security			
Interest			
2255	3.9		
		Total	\$ 640,474.98
Comments Engineering for Illinois Route 53 a	t Madison Street Improveme	<u>ent</u> s	
Date ,		Approved	
Signed by		Date	
Sharon Kuderna Title of Official	De	partment of Tran	sportation
		Regional Engine	<u></u>

Itemization of Right-of-Way Request

Street Between And (Street) Name of Owner Right Land of-Way Taken Total Name of Owner And (Street) Right Land Of-Way Taken Total Total Total S	 					·	
	Between (Street)	And (Street)	Name of Owner	Acres Right- of-Way	Cost of Land Taken	Cost of Damage to Land Not Taken	Total
Total \$	(Olicel)	(Officer)		o. way	Taken	140t Taken	
Total \$							
Total \$							
Total \$							
Total \$							
Total \$							
Total \$							
Total \$							
Total \$							
Total \$							
Total \$							
Total \$							
Total \$							
Total \$							
Total \$						<u> </u>	
Total \$							
Total \$							
Total \$							
Total \$	<u> </u> 						
Total \$							
Total \$							
Total \$							
Total \$							
Total \$							
Total \$							
Total \$							
Total \$							
Total \$							
Total \$						Α	
Total \$							
Total \$							
Total \$							
Total \$							
Total \$							
	 					Total \$	



Resolution for Improvement by Municipality Under the Illinois Highway Code

BE IT RESOLVED, by the Presid	ent and Board	d of Trustees		of the
Village	of	Council or President and Bo	oard of Trustees	Miles ede
Village City, Town or Village	of	Lombard		Illinois
that the following described street(s)	be improved	under the Illinois Highway	Code:	
Name of Thoroughfare	Route	From	То	
	0870	Charles Lane	Harding Road	
Madison Street	1426	Illinois Route 53	Finley Road	
		<u> </u>		
		<u> </u>		
BE IT FURTHER RESOLVED, 1. That the proposed improvement s	shall consist o	f intersection widening	road recurfacing and reconstru	otion
			road resurracing and reconstru	cuon,
a traffic signal installation, and storm	sewer impro	vements.	. <u>. </u>	
		•		· · · · · · · · · · · · · · · · · · ·
		and shall be co	nstructed variable feet	wide
and be designated as Section 11-0			Tanabic rect	
			_	
2. That there is hereby appropriated		al ☐ Yes ☒ No) Sum of _	six hundred forty thousand, fou	r hundred
seventy-four dollars and 98/100 cent	S		Dollars (<u>640,474.98</u>) for the
improvement of said section from the	e municipality'	s allotment of Motor Fuel T	ax funds.	
3. That work shall be done by _Co	ntract			; and,
BE IT FURTHER RESOLVED, that to	he Clerk is he	Specify Contract or reby directed to transmit to	Day Labor	tion to the
district office of the Department of Tr	ansportation.	roby uncolou to transmit th	to definica copies of this resolu	tion to the
· · · · · · · · · · · · · · · · · · ·				
Approved	I, Sh	aron Kuderna	Clerk in	n and for the
	Village	of Lombard		
		n or Village of DuPage	here	by certify the
Date	· ·			•
	foregoi	ng to be a true, perfect and	complete copy of a resolution	adopted
	by the	President and Board of 1		
Department of Transportation	at a me	eting on December 3, 20	ent and Board of Trustees)15	
	IN TES	TIMONY WHEREOF I have	Date ve hereunto set my hand and se	eal this
	i		·	re, and
Regional Engineer	3rd	day ofDecember		
		(SEAL)		
		<u> </u>	City, Town, or Village Clerk	

Munici	pality		L			Name		
Villag	e of Loi	mbard	0	Illinois Department of Transportation	CO	Thomas Engineering Group, LLC		
Towns	nip		A		N S	Address		
York			A Preliminary/Construction			238 South Kenilworth Ave., Suite 100		
County			G	Engineering Services	Ļ	City		
DuPage		E	Agreement For	T A	Oak Park			
Section	1	·	C	Motor Fuel Tax Funds	N T	State		
11-00	155-00	-CH	Y		•	Illinois		
Agend impro super to fina	cy (LA) vement vision c ince EN	and Consultant (ENGINEE of the above PROJECT. of the State Department of IGINEERING services as o	R) ar Motor Trans descri	nd covers certain professional engine Fuel Tax Funds, allotted to the LA I portation, hereinafter called the "DE bed under AGREEMENT PROVISIO	eering by the PAR DNS.	e State of Illinois under the general TMENT", will be used entirely or in part		
VVME	KEVEK	IN THIS AGREEMENT or	attac	hed exhibits the following terms are	useo	I, they shall be interpreted to mean:		
Regio	nal En	gineer [Deput	y Director Division of Highways, Reg	jiona	I Engineer, Department of		
Denis	lant Ca			portation	1*_			
Resid	ent Co		ROJ		nedia	ate charge of the engineering details of the		
Conti	actor			any or Companies to which the cons	struct	ion contract was awarded		
		<u> </u>		Section Description				
Name	ILF	RT 53 & Madison St. Rou	ıte <u>F</u>	AP 0870 Length 0.44 miles		Structure No N/A		
Tormi				Columbine Avenue to Finley Road				
Descr Inters aspha recon sidew	iption ection v lt pavel struction	videning, signalization and ment, resurfacing Illinois R n of the pavement with full-	road\ oute { -depth	way reconstruction project. Work inc 53, storm sewer, and curb and gutte	r. Im _l of pa	s widening Illinois Route 53 with hot-mix provements to Madison Street include evement on new profile), curb and gutter, and 53 and Madison Street and final		
				Agreement Provisions				
The E	nginee	r Agrees,						
				formance of the following engineering scribed, and checked below:	ng se	ervices for the LA in connection with the		
é	a. 🗌	Make such detailed surve	eys as	are necessary for the preparation of	f det	ailed roadway plans.		
l	р. <u>П</u>	Make stream and flood pl detailed bridge plans.	lain h	ydraulic surveys and gather high wa	ter da	ata and flood histories for the preparation of		
(;. 🗆	analyses thereof as may	be re		e de	ns including borings and soil profiles and sign of the proposed improvement. Such ents of the DEPARTMENT.		
(J. 🔲			ch traffic studies and counts and spe esign of the proposed improvement.		ntersection studies as may be required to		

e.		Prepa Chanr	re Army Corps of Engineers Permit, Division of Water Resources Permit, Bridge waterway sketch and/or nel Change sketch, Utility plan and locations and Railroad Crossing work agreements.						
f.		Prepa and hi	re Preliminary Bridge Design and Hydraulic Report, (including economic analysis of bridge or culvert types) igh water effects on roadway overflows and bridge approaches.						
N	OTE	Four co	pies to be submitted to the Regional Engineer						
g.		LA wit	complete general and detailed plans, special provisions, proposals and estimates of cost and furnish the the five (5) copies of the plans, special provisions, proposals and estimates. Additional copies of any or all nents, if required shall be furnished to the LA by the ENGINEER at his actual cost for reproduction.						
h.		easem	th the LA with survey and drafts in quadruplicate of all necessary right-of-way dedications, construction nents and borrow pit and channel change agreements including prints of the corresponding plats and g as required.						
i.		Assist the LA in the receipt and evaluation of proposals and the awarding of the construction contract.							
j.	X	Furnis	h or cause to be furnished:						
		(1)	Proportioning and testing of concrete mixtures in accordance with the "Manual of Instructions for Concrete Proportioning and Testing" issued by the Bureau of Materials and Physical Research, of the DEPARTMENT and promptly submit reports on forms prepared by said Bureau.						
		(2)	Proportioning and testing of bituminous mixtures (including extracting test) in accordance with the "Manual of Instructions for Bituminous Proportioning and Testing" issued by the Bureau of Materials and Physical Research, of the DEPARTMENT, and promptly submit reports on forms prepared by said Bureau.						
		(3)	All compaction tests as required by the specifications and report promptly the same on forms prepared by the Bureau of Materials and Physical Research.						
		(4)	Quality and sieve analyses on local aggregates to see that they comply with the specifications contained in the contract.						
		(5)	Inspection of all materials when inspection is not provided at the sources by the Bureau of Materials and Physical Research, of the DEPARTMENT and submit inspection reports to the LA and the DEPARTMENT in accordance with the policies of the said DEPARTMENT.						

k. X Furnish or cause to be furnished

- (1) A resident construction supervisor, inspectors, and other technical personnel to perform the following work: (The number of such inspectors and other technical personnel required shall be subject to the approval of the LA.)
 - Continuous observation of the work and the contractor's operations for compliance with the plans and specifications as construction proceeds, but the ENGINEER does not guarantee the performance of the contract by the contractor.
 - b. Establishment and setting of lines and grades.
 - c. Maintain a daily record of the contractor's activities throughout construction including sufficient information to permit verification of the nature and cost of changes in plans and authorized extra work.
 - Supervision of inspectors, proportioning engineers and other technical personnel and the taking and submitting of material samples.
 - e. Revision of contract drawings to reflect as built conditions.
 - f. Preparation and submission to the LA in the required form and number of copies, all partial and final payment estimates, change orders, records and reports required by the LA and the DEPARTMENT.

BLR 05512 (Rev. 01/10/12)

NOTE: When Federal funds are used for construction and the ENGINEER or the ENGINEER's assigned staff is named as resident construction supervisor, the ENGINEER is required to be prequalified with the STATE in Construction Inspection. The onsite resident construction supervisor and project inspectors shall possess valid Documentation of Contract Quantities certification.

- That all reports, plans, plats and special provisions to be furnished by the ENGINEER pursuant to this agreement will be
 in accordance with the current standard specifications and policies of the DEPARTMENT, it being understood that all
 such reports, plats, plans and drafts shall before being finally accepted, be subject to approval by the LA and the said
 DEPARTMENT.
- To attend conferences at any reasonable time when requested to do so by the LA or representatives of the DEPARTMENT.
- 4. In the event plans, surveys or construction staking are found to be in error during the construction of the PROJECT and revisions of the plans or survey or construction staking corrections are necessary, the ENGINEER agrees that he will perform such work without expense to the LA, even though final payment has been received by him. He shall give immediate attention to these changes so there will be a minimum delay to the contractor.
- 5. The basic survey notes and sketches, charts, computations and other data prepared or obtained by the ENGINEER pursuant to this agreement will be made available upon request to the LA or the DEPARTMENT without cost and without restriction or limitations as to their use.
- 6. To make such changes in working plans, including all necessary preliminary surveys and investigations, as may be required after the award of the construction contract and during the construction of the improvement.
- 7. That all plans and other documents furnished by the ENGINEER pursuant to the AGREEMENT will be endorsed by him and will show his professional seal where such is required by law.
- 8. To submit, upon request by the LA or the DEPARTMENT a list of the personnel and the equipment he/she proposes to use in fulfilling the requirements of this AGREEMENT.

The LA Agrees,

To pa accord	y the Engineer as compensation for all services per dance with one of the following methods indicated	erformed as stipulated in paragra by a check mark:	aphs 1a, 1g, 1i, 2, 3, 5 and 6
a	A sum of money equal to percent of approved by the DEPARTMENT. A sum of money equal to the percentage of the approved by the DEPARTMENT based on the for Schedule for Percentages Based on Awarded C	ollowing schedule:	
	Awarded Cost Under \$50,000	Percentage Fees	(see note) % % % %

2. To pay for services stipulated in paragraphs 1b, 1c, 1d, 1e, 1f, 1h, 1j and 1k of THE ENGINEER AGREES at the hourly rates stipulated below for personnel assigned to this PROJECT as payment in full to the ENGINEER for the actual time spent in providing these services the hourly rates to include profit, overhead, readiness to serve, insurance, social security and retirement deductions. Traveling and other out-of-pocket expenses will be reimbursed to the ENGINEER at his actual cost. Subject to the approval of the LA, the ENGINEER may sublet all or part of the services provided under paragraphs 1b, 1c, 1d, 1e, 1f, 1j and 1k of THE ENGINEER AGREES. If the ENGINEER sublets all or a part of this work, the LA will pay the cost to the ENGINEER plus a five (5) percent service charge. "Cost to ENGINEER" to be verified by furnishing the LA and the DEPARTMENT copies of invoices from the party doing the work. The classifications of the employees used in the work should be consistent with the employee classifications for the services performed. If the personnel of the firm including the Principal Engineer perform routine services that should normally be performed.

Not necessarily a percentage. Could use per diem, cost-plus or lump sum.

	Grade Classificatio of Employee	1*	Hourly Rate *	
	Principal Engineer Resident Construction Chief of Party Instrument Man Rodmen Inspectors	Supervisor		*Refer to attached cost proposal dated 09/11/15.
han bey	hourly rates itemized above shall be ds and seals and shall remain in effe ond 4/1/2017 , the hourly ra eases or decreases in the salary stru	ect until 4/1/2017 stes will be adjusted yearly b	In event to	ing this AGREEMENT, have affixed their he services of the ENGINEER extend is AGREEMENT to compensate for eat time.
3.	That payments due the ENGINEER practicable after the services have			
	paragraphs 1a through 1g und DEPARTMENT, 90 percent of the contract for the total fee (excluding any fee schedule and the awarded concompletion of the constitution of the constitution of the constitution of all final respective to the DEPARTMENT, 100 perpaid. By mutual agreement, partial payments of the DEPARTMENT, 100 perpaid.	der THE ENGINEER AGREE the total fee based on the a r the improvement by the LA es paragraphs 1j and 1k of t ntract cost, less any previou ruction of the improvement, s ports required by the LA and ercent of the total fees due u	ES - to the satisfact above fee schedule and its approval I he ENGINEER ACT is payment. 90 percent of the finder this AGREEI ander this AGREEI	ate of cost - being the work required by ction of the LA and their approval by the e and the approved estimate of cost. by the DEPARTMENT, 100 percent of GREES), based on the above fee fee due for services stipulated in NT and acceptance of the improvement MENT, less any amounts previously earned, may be made from time to time
4.	provided for in paragraphs 1a and			as performed any part of the services sthe LA shall reimburse the
	for his actual costs plus "actual cost" being defined as mate Traveling and other out-of-pocket e	rial costs plus actual payroll	s, insurance, socia	d in writing of such abandonment al security and retirement deductions. t at his actual cost.
5.	pursuant to paragraph 4 of THE EN will pay the ENGINEER for such cland readiness to serve - "actual co	IGINEER AGREES) after the nanges on the basis of actual st" being defined as in parag	ey have been app il cost plus graph 4 above. It i	r estimates (except for those required roved by the DEPARTMENT, the LA percent to cover profit, overhead s understood that "changes" as used in eare a complete and adequate set of
6.	That should the LA extend complete ENGINEER, in addition to the fees defined as in paragraph 4 above.	ion of the improvement beyond provided herein, his actual of the control of the c	ond the time limit g cost incurred beyo	given in the contract, the LA will pay the and such time limit - "actual cost" being
7.	To submit approved forms BC 775	and BC 776 with this AGRE	EMENT when fed	eral funds are used for construction.
It is	Mutually Agreed,			

 That any difference between the ENGINEER and the LA concerning the interpretation of the provisions of this AGREEMENT shall be referred to a committee of disinterested parties consisting of one member appointed by the ENGINEER one member appointed by the LA and a third member appointed by the two other members for disposition and that the committee's decision shall be final.

- 2. This AGREEMENT may be terminated by the LA upon giving notice in writing to the ENGINEER at his last known post office address. Upon such termination, the ENGINEER shall cause to be delivered to the LA all drawings, specifications, partial and completed estimates and data if any from traffic studies and soil survey and subsurface investigations with the understanding that all such material becomes the property of the LA. The ENGINEER shall be paid for any services completed and any services partially completed in accordance with Section 4 of THE LA AGREES.
- 3. That if the contract for construction has not been awarded one year after the acceptance of the plans by the LA and their approval by the DEPARTMENT, the LA will pay the ENGINEER the balance of the engineering fee due to make 100 percent of the total fees due under the AGREEMENT, based on the estimate of cost as prepared by the ENGINEER and approved by the LA and the DEPARTMENT.
- 4. That the ENGINEER warrants that he/she has not employed or retained any company or person, other than a bona fide employee working solely for the ENGINEER, to solicit or secure this contract and that he/she has not paid or agreed to pay any company or person, other than a bona fide employee working solely for the ENGINEER, any fee, commission, percentage, brokerage fee, gifts or any other consideration contingent upon or resulting from the award or making of this contract. For breach or violation of this warranty the LA shall have the right to annul this contract without liability.

IN WITNESS WHEREOF, the parties have caused this AGREEMENT to be executed in quadruplicate counterparts, each of which shall be considered as an original by their duly authorized offices. Executed by the LA: Village of Lombard of the (Municipality/Township/County) ATTEST: State of Illinois, acting by and through its Clerk (Seal) Title: Executed by the ENGINEER: Thomas Engineering Group, LLC 238 South Kenilworth Avenue, Suite 100 Oak Park, Illinois 60302 ATTEST: --Kevin VanDeWoestyne Thomas E. Gill, III Title: Principal/Municipal Department Head Title: President Approved Date Department of Transportation

Regional Engineer

Village of Lombard - IL RT 53 & Madison Street

Project No.: Contract No.: Job No.:

M-4003(259) 61A54 C-91-155-14

Staff Hours Worksheet

R./ r			9	12/10/201 Total Hours	2 18	2 62	20 1020	0 100	0 598	0 20	0 52				
POST CONSTR. CLOSE OUT	220		9	11/12/201	7	4	40	0	0	0	4				
P.		eriods)	9	10/15/201	2	4	80	4	40	0	16				
!		S FOR PERIOD ENDING (4 week p	HOURS FOR PERIOD ENDING (4 week periods)	9	102/11/6	2	9	160	24	80	- ∞	24			
NO				9	10Z/0Z/8	2	10	160	12	120	0	0			
CONSTRUCTION	1526			9	1/23/201	2	10	160	12	120	0	0			
8		HOUR	9	£/\$2/\$01	2	10	160	12	120	0	0				
						9	£\\$8\\$01	2	10	160	12	110	80	8	
PRE- CONSTR.	124		9	£03/0E/Þ	2		80	24	80	4	0				
				Classification	Princ. and/or Dept. Head	Project/Res. Engr. V	Project/Res. Engr. IV	Chief Surveyor	Design/Const. Engr. I	Technician III	Technician III				
			Thomas Engineering Group	Role	QC/QA Manager	Project Manager	Resident Engineer	Survey Layout/Record Drawings	Field Inspector/Engineer	Arborist	Field & Ofc. Engineer CADD Record Drawings				

	21 days =				167 days =	•		14 days =		
2	5	14	32	34	34	34	33	14	Vehicle Days @ \$65/day	In-House Direct Costs:

PAYROLL ESCALATION TABLE FIXED RAISES

				i	
	146.48% 0 3.00%				
DATE 09/11/15 PTB NO. IL-53 & Madison	OVERHEAD RATE COMPLEXITY FACTOR % OF RAISE				3.00%
	8 MONTHS 4/1/2016 4/2/2016	ESCALATION PER YEAR	4/3/2016 - 12/2/2016	∞ ∞	103.00% sject would be:
Thomas Engineering Group, LLC Prime	CONTRACT TERM START DATE RAISE DATE	ш	4/1/2016 - 4/2/2016	0	= 0.00% = 1.0300 The total escalation for this project would be:
FIRM NAME PRIME/SUPPLEMENT					

PAYROLL RATES

FIRM NAME PRIME/SUPPLEMENT PSB NO.

Thomas Engineering Group, LLC	DATE	09/11/15
Prime		<u> </u>
IL-53 & Madison		

ESCALATION FACTOR

3.00%

CLASSIFICATION	CURRENT RATE CAL	CULATED RATE
Principal	\$70.00	\$70.00
Department Head	\$70.00	\$70.00
Project/Res, Engineer V	\$68.00	\$70.00
Project/Res. Engineer IV	\$54.00	\$55.62
Chief Surveyor	\$44.20	\$45.53
Design/Const. Eng. I	\$25.00	\$25.75
Technician III	\$34.00	\$35.02
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00

Printed 9/11/2015 2:01 PM

DBE 9.45%

COST PLUS FIXED FEE COST ESTIMATE OF CONSULTANT SERVICES

Thomas Engineering Group, LLC IL-53 & Madison Prime PRIME/SUPPLEMENT FIRM PSB

OVERHEAD RATE COMPLEXITY FACTOR

1.4648

DATE

DF-824-039 BFN/1204

% OF	TOTAL GRAND		(B-G)	19,189.65 6.85%				26.462.96 9.45%															
	DBE	TOTAL	Ξ					26 462 96				:	-								-		
SERVICES	¥8	OTHERS	9					26 462 96															
Outside	Direct	Costs	Ē				:																
	FixED	FEE	(E)	2,385.87	24,988.81	4,003.14																	
IN-HOUSE	DIRECT	COSTS	(Q)	910 00	10,855,00	1 365 00																	
OVERHEAD	45	FRINGE BENF	(c)	9,445.48	98,928.68	15,848.12																	
	PAYROLL		(8)	6,448.30	67,537.33	10,819.30										_				_	_		
	MANHOURS		(¥	124	1526	220																	
	ITEM			Pre-Construction	Construction	Post Construction		Material Solutions Laborator															
DBE	DROP	BOX						DBE			!							1					

DBE

PREPARED BY THE AGREEMENTS UNIT

PREPARED BY THE AGREEMENTS UNIT

Printed 9/11/2015 2:03 PM

FIRM PSB PRIME/SUPPLEMENT

Thomas Engineering Group, LLC IL-53 & Madison Prime

AVERAGE HOURLY PROJECT RATES

P ~ DATE 09/11/15 SHEET

PAYROLL	AVG	TOTAL PROJECT RATES			Pre-Construction	struction		Ö	Construction		Post Construction	struction					Material	Material Solutions Labora	Labora
	HOURLY	Hours	*	Wgtd	Hours	*	Wgtd	Hours	35	Wgtd	Hours	35	Wgtd	Hours	34	Wgtd	Hours	*	Wgtd
CLASSIFICATION	RATES		Part	Avg		Part	Avg		Part.	Avg		Part,	Avg		Part	Avg		Part	Avg
Principal	70.00	6	0.48%	0.34	1	0.81%	95'0	5	0.33%	0.23	3	1.36%	0.95						
Department Head	70.00	6	0.48%	0.34	1	0.81%	0.56	5	0.33%	0.23	3	1.36%	0.95						
Project/Res. Engineer V	70.00	62	3,32%	2.32	9	4.84%	3.39	46	3.01%	2.11	10	4.55%	3.18						
Project/Res. Engineer IV	55.62	1020	54.55%	30,34	80	64.52%	35.88	800	52.42%	29.16	140	63.64%	35.39						
Chief Surveyor	45.53	100	5,35%	2.43	24	19.35%	8.81	72	4.72%	2.15	4	1.82%	0.83						
Design/Const. Eng. I	25.75	598	31,98%	8.23	8	6.45%	1.66	550	36.04%	9.28	40	18.18%	4.68	-					
Technician III	35.02	72	3.85%	1,35	4	3.23%	1.13	48	3.15%	1.10	20	80.6	3.18						
		0									r								
		o o															-		
		0 -				_					_								
		0				_													
		0				-		_											
		0 1															l		
		0															r		
		0								_				<u> </u>					
		0												-			r		
		0												-					
		0																	
		0									_						T		
		0						H									T		
		0																	
		0						_	-										
		0						_	<u> </u>		-			F					
		0						H											
		0																	
		0			_			-											
3		0							H	Ħ				H					
TOTALS		1870	100%	\$45.35	124	100.00%	\$52.00	1526	100%	\$44.26	077	100%	\$49.18	0	%0	\$0.00		*	\$0.00
															-				



COMPANY NAME: Thomas Engineering Group

PTB NUMBER: IL-53 & Madison

TODAY'S DATE: 9/1/2015

ITEM	ALLOWABLE	UTILIZE W.O. ONLY	QUANTITY J.S. ONLY	CONTRACT RATE	TOTAL
Per Diem (per GOVERNOR'S TRAVEL CONTROL BOARD)	Up to state rate maximum			\$0.00	\$0.00
Lodging (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual cost (Up to state rate maximum)			\$0.00	\$0,00
Air Fare	Coach rate, actual cost, requires minimum two weeks' notice, with prior IDOT approval			\$0,00	\$0.00
Vehicle Mileage (per GOVERNOR'S TRAVEL CONTROL BOARD)	Up to state rate maximum		h 1	\$0.56	\$0.00
Vehicle Owned or Leased	\$32,50/half day (4 hours or less) or \$65/full day		202	\$65.00	\$13,130.00
Vehicle Rental	Actual cost (Up to \$55/day)			\$55.00	\$0.00
Tolls	Actual cost			\$0.00	\$0.00
Parking	Actual cost			\$0.00	\$0.00
Overtime	Premium portion (Submit supporting documentation)			\$0.00	\$0.00
Shift Differential	Actual cost (Based on firm's policy)			\$0.00	\$0.00
Ovemight Delivery/Postage/Courier Service	Actual cost (Submit supporting documentation)			\$0.00	\$0.00
Copies of Deliverables/Mylars (In-house)	Actual cost (Submit supporting documentation)			\$0.00	\$0.00
Copies of Deliverables/Mylars (Outside)	Actual cost (Submit supporting documentation)			\$0.00	\$0.00
Project Specific Insurance	Actual cost			\$0.00	\$0.00
Monuments (Permanent)	Actual cost			\$0.00	\$0.00
Photo Processing	Actual cost	2 177-9		\$0.00	\$0.00
2-Way Radio (Survey or Phase III Only)	Actual cost			\$0.00	\$0.00
Telephone Usage (Traffic System Monitoring Only)	Actual cost			\$0.00	\$0.00
CADD	Actual cost (Max \$15/hour)			\$0.00	\$0.00
Web Site	Actual cost (Submit supporting documentation)			\$0.00	\$0.00
Advertisements	Actual cost (Submit supporting documentation)			\$0.00	\$0.00
Public Meeting Facility Rental	Actual cost (Submit supporting documentation)	9		\$0.00	\$0.00
Public Meeting Exhibits/Renderings & Equipment	Actual cost (Submit supporting documentation)			\$0.00	\$0.00
Recording Fees	Actual cost			\$0.00	\$0.00
Franscriptions (specific to project)	Actual cost			\$0.00	\$0.00
Courthouse Fees	Actual cost	10 7		\$0.00	\$0.00
Storm Sewer Cleaning and Televising	Actual cost (Requires 2-3 quotes with IDOT approval)			\$0.00	\$0.00
Fraffic Control and Protection	Actual cost (Requires 2-3 quotes with IDOT approval)			\$0.00	\$0.00
Aerial Photography and Mapping	Actual cost (Requires 2-3 quotes with IDOT approval)			\$0.00	\$0.00
Hility Exploratory Trenching	Actual cost (Requires 2-3 quotes with IDOT approval)			\$0.00	\$0.00
Festing of Soil Samples*	Actual cost			\$0.00	\$0.00
ab Services*	Actual cost (Provide breakdown of each cost)	1	13	\$0.00	\$0.00
Equipment and/or Specialized Equipment Rental*	Actual cost (Requires 2-3 quotes with IDOT approval)	2		\$0.00	\$0.00
adalphian contains a significant contains	(requires 2-3 quales with 1001 approval)			\$0.00	\$0.00
				\$0.00	\$0.00
				\$0.00	\$0.00
			-	\$0.00	\$0.00
				\$0.00	\$0.00
				\$0.00	\$0.00
				\$0.00	\$0.00
			0.0	\$0.00	\$0.00
				\$0.00	\$0.00
				\$0.00	\$0.00

*If other allowable costs are needed and not listed, please add in the above spaces provided.

LEGEND

W.O. = Work Order

J.S. = Job Specific

PAYROLL ESCALATION TABLE FIXED RAISES

			1		
	157.87% 0 3.00%				
DATE 09/11/15 PTB NO. <u>IL-53 & Mad</u> ison	OVERHEAD RATE COMPLEXITY FACTOR % OF RAISE				3.00%
	6 MONTHS 3/1/2016 3/1/2016	ESCALATION PER YEAR	3/2/2016 - 9/1/2016	ر م	103.00% ject would be:
Material Solutions Laboratory Thomas Engineering Group	CONTRACT TERM START DATE RAISE DATE	Ш	3/1/2016 - 3/1/2016 3/	0 9	= 1.0300% = 1.0300 The total escalation for this project would be:
FIRM NAME PRIME/SUPPLEMENT					

PAYROLL RATES

FIRM NAME
PRIME/SUPPLEMENT
PSB NO.

Material Solutions LaborDATE
Thomas Engineering Group
IL-53 & Madison

09/11/15

ESCALATION FACTOR

3.00%

CLASSIFICATION	CURRENT RATE	CALCULATED RATE
QA Project Manager	\$61.50	\$63.35
Documentation Engineer	\$25.25	\$26.01
Materials QA Technician	\$34.34	\$35.37
Pick Up Technician	\$22.84	\$23.53
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00
		\$0.00

Printed 9/11/2015 2:08 PM

COST ESTIMATE OF CONSULTANT SERVICES **COST PLUS FIXED FEE**

PRIME/SUPPLEMENT FIRM PSB

Material Solutions Laboratory IL-53 & Madison Thomas Engineering Group

OVERHEAD RATE COMPLEXITY FACTOR

DATE

DF-824-039 097F/\sqrt{32/04}

1.5787

(A) (B) (C) (C) (C) (C) (A) (B) (C) (C) (C) (C) (C) (C) (C) (C) (C) (C	DIRECT F COSTS (D) (D) (13,210,00	FIXED Direct FEE Costs (F)	BY OTHERS	DBE	TOTAL	GRAND
(B) (C) 1,013.52 1,600.04 416.12 656.93 2,829.62 4,467.11 235.25 371.39	8		OTHERS	TOTAL		
(B) (C) 1,013.52 1,600.04 416.12 656.93 2,829.62 4,467.11 235.25 371.39		_	Ç			TOTAL
1,013.52 1,600.04 416.12 656.93 2,829.62 4,467.11 235.25 371.39			<u></u>	£	(B-G)	
2,829,62 4,467.11 2,829,62 371.39		375.00		2,988.57	2,988.57	11.29%
2,829,62		153.96		14,437.01	14,437.01	54.56%
235.25	_	1,046.96		8,343.69	8,343.69	31.53%
		87.04		693.69	693.69	2.62%
_						
-		000				70000
					20.0	8,00.0

DBE

DBE 100.00%

PREPARED BY THE AGREEMENTS UNIT

AVERAGE HOURLY PROJECT RATES Material Solutions Laboratory FIRM Material Solutions Laborator PSB IL-53 & Madison PRIME/SUPPLEMENT Thomas Engineering Group

DATE 09/11/15

ц

P

-

SHEET

	Wgtd	Avg							Τ			Τ	Γ													Γ				
	%	ب							T			T																		-
	Hours			H			-	-	-		\vdash	\vdash	\vdash	H	-	-	-							H	-	-	H	_		L
H	Wgtd					23.53					-	\vdash															H			ŀ
nician	3		H	_		100.00% 2:	-	H	L	_	H	H	H	-							-				-			_		F
Pick Up Technician	Z %	Part				Н	-		L			-		L		_									L			L		L
		_			7	9										L							L				_			L
echnicia	Wgtd				35.37	_	_	L	_		L				Ļ	_	_	_				L				_				L
Materials QA Technician	*	Part			100.00%													L								L				
	Hours				80																									
gineer	Wgtd	Avg		26.01				i																						
Documentation Engineer	%	Part,		100.00%																										
ocumení	Hours		H	16 1		-						H		-	-							-	-		_	-		H		
	Vgtd	Avg	63.35														-	-									H	H		
QA Project Manager	\ %	Part.	100.00%					H	┝								-	-	-							H	H	-	Н	
Project P	15	4	Н	_	L	_							L		_											-	L		Н	_
QA I		_	16		<u> </u>	_					L		_										L							_
	Wgtd	Avg	8.31	3.41	23.19	1.93								L																
	%	Part	13.11%	13.11%	65.57%	8.20%																	İ							
TOTAL PROJECT RATES	Hours		16	16	80	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AVG	HOURLY	RATES	63.35		35.37	23.53																								
PAYROLL		CLASSIFICATION	QA Project Manager	Documentation Engir	Materials QA Technid	Pick Up Technician																								

Printed 9/11/2015 2:08 PM



COMPANY NAME: Material Solutions Laboratory

PTB NUMBER: IL-53 & Madison

TODAY'S DATE 8/28/2015

ITEM	ALLOWABLE	WO ONLY	QUANTITY J.S. ONLY	CONTRACT RATE	TOTAL
Per Diem (per GOVERNOR'S TRAVEL CONTROL BOARD)	Up to state rate maximum			\$0.00	\$0.00
Lodging (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual cost (Up to state rate maximum)			\$0.00	\$0.00
Air Fare	Coach rate, actual cost, requires minimum two weeks' notice, with prior IDOT approval			\$0.00	\$0.00
Vehicle Mileage (per GOVERNOR'S TRAVEL CONTROL BOARD)	Up to state rate maximum			\$0.56	\$0.00
Vehicle Owned or Leased	\$32.50/half day (4 hours or less) or \$65/full day		10	\$65.00	\$650,00
Vehicle Rental	Actual cost (Up to \$55/day)			\$55.00	\$0.00
Tolls	Actual cost			\$0.00	\$0.00
Parking	Actual cost			\$0.00	\$0.00
Overtime	Premium portion (Submit supporting documentation)		0	\$18.32	\$0.00
Shift Differential	Actual cost (Based on firm's policy)		0	\$3.47	\$0.00
Overnight Delivery/Postage/Courier Service	Actual cost (Submit supporting documentation)			\$0.00	\$0.00
Copies of Deliverables/Mylars (In-house)	Actual cost (Submit supporting documentation)			\$0.00	\$0.00
Copies of Deliverables/Mylars (Outside)	Actual cost (Submit supporting documentation)			\$0.00	\$0.00
Project Specific Insurance	Actual cost			\$0.00	\$0.00
Monuments (Permanent)	Actual cost			\$0.00	\$0.00
Photo Processing	Actual cost			\$0.00	\$0.00
2-Way Radio (Survey or Phase III Only)	Actual cost	1		\$0.00	\$0.00
Telephone Usage (Traffic System Monitoring Only)	Actual cost			\$0.00	\$0.00
CADD	Actual cost (Max \$15/hour)			\$0.00	\$0.00
Web Site	Actual cost (Submit supporting documentation)			\$0.00	\$0.00
Advertisements	Actual cost (Submit supporting documentation)			\$0.00	\$0.00
Public Meeting Facility Rental	Actual cost (Submit supporting documentation)	-		\$0.00	\$0.00
Public Meeting Exhibits/Renderings & Equipment	Actual cost (Submit supporting documentation)			\$0.00	\$0.00
Recording Fees	Actual cost			\$0.00	\$0.00
Franscriptions (specific to project)	Actual cost			\$0.00	\$0.00
Courthouse Fees	Actual cost			\$0.00	\$0.00
Storm Sewer Cleaning and Televising	Actual cost (Requires 2-3 quotes with IDOT approval)			\$0.00	\$0.00
Fraffic Control and Protection	Actual cost (Requires 2-3 quotes with IDOT approval)			\$0.00	\$0.00
Aerial Photography and Mapping	Actual cost (Requires 2-3 quotes with IDOT approval)			\$0.00	\$0.00
Itility Exploratory Trenching	Actual cost (Requires 2-3 quotes with IDOT approval)			\$0.00	
Testing of Soil Samples*	Actual cost	-		\$0.00	\$0.00
ab Services*	Actual cost (Provide breakdown of each cost)			\$0.00	
Equipment and/or Specialized Equipment Rental*	Actual cost (Requires 2-3 quotes with IDOT approval)			\$0.00	\$0.00
ab Services* - Core Density Determination	real state (required a desired that is a capped to)		30	\$75.00	\$2,250.00
ab Services* - HMA Air Voids		40 4	8	\$450.00	\$3,600.00
ab Services* - AC Content (Ignition)			8	\$160.00	
ab Services* - AC Content (Reflux)			6	\$260.00	\$1,280.00
ab Services* - AC Content (Nuclear)			0	\$210.00	\$1,560.00
ab Services* - Washed Gradations			12	\$160.00	\$0.00 \$1.920.00
ab Services* - Cylinder Compressive Strength				4 777 100	
ab Services* - Organic Content			30	\$27.00	\$810.00
ab Services* - Organic Contant			2	\$160,00	\$320.00
ab Services - Atterberg Errins ab Services* - Standard Proctor			2	\$160.00	\$320.00
au gurrius - ganaga r 1000	The state of the s		2	\$250.00	\$500.00

*If other allowable costs are needed and not listed, please add in the above spaces provided. LEGEND

LEGENL

W.O. = Work Order

J.S. = Job Specific

Local Agency Village of Lombard	L. O Illinois Department of Transportation	Consultant Thomas Engineering Group, LLC											
County DuPage	CA	O Address 238 South Kenilworth Ave., Suite 100											
Section 11-00155-00-CH	[2]	S City Oak Park											
Project No. M-4003 (259)	A Construction Engineering G Services Agreement	L IL											
Job No. C-91-155-14	For Federal Participation	T Zip Code A 60302 N Contact Name/Phone/E-mail Address											
Contact Name/Phone/E-mail Address Matthew Lew, P.E. (630) 620-5740 LewM@villageoflombard.org	C	Thomas E. Gill, III, P.E. (708) 533-1700 tomg@thomas-engineering.com											
Local Agency (LA) and Consultant (ENGINES described herein. Federal-aid funds allotted fransportation (STATE) will be used entirely	THIS AGREEMENT is made and entered into this 3rd day of 0exactor, 2015 between the above Local Agency (LA) and Consultant (ENGINEER) and covers certain professional engineering services in connection with the PROJECT described herein. Federal-aid funds allotted to the LA by the state of Illinois under the general supervision of the Illinois Department of Transportation (STATE) will be used entirely or in part to finance engineering services as described under AGREEMENT PROVISIONS. WHEREVER IN THIS AGREEMENT or attached exhibits the following terms are used, they shall be interpreted to mean:												
Resident Construction Supervisor Author In Responsible Charge A full ti	ized representative of the LA in immedi	al Engineer, Department of Transportation ate charge of the engineering details of the PROJECT ater inherently governmental PROJECT activities ction contract was awarded											
	Project Description												
Name _ Illinois Route 53 & Madison St. Inte	ersection Route FAP 0870 L	ength 0.44 MI Structure No. N/A											
Termini Harding Road to Charles Lane an	d Columbine Ave to Finley Road FA	AU 1426 (Madison Street)											
mix asphalt pavement, resurfacing Illinois Ro reconstruction of the pavement with full-depth	ute 53, storm sewer, and curb and gutton hot-mix asphalt (includes 400 feet of p	. Work includes widening Illinois Route 53 with hoter. Improvements to Madison Street include bavement on new profile), curb and gutter, and e 53 and Madison Street and final landscaping.											
	Agreement Provisions												
The Engineer Agrees, To perform or be responsible for the pareinbefore described and checked because of the pareinbefore described and c		for the LA, in connection with the PROJECT											

- a. Proportion concrete according to applicable STATE Bureau of Materials and Physical Research (BMPR) Quality Control/Quality Assurance (QC/QA) training documents or contract requirements and obtain samples and perform testing as noted below.
- b. Proportion hot mix asphalt according to applicable STATE BMPR QC/QA training documents and obtain samples and perform testing as noted below.
- C. For soils, to obtain samples and perform testing as noted below.
- d. For aggregates, to obtain samples and perform testing as noted below.

NOTE: For 1a. through 1d. the ENGINEER is to obtain samples for testing according to the STATE BMPR "Project Procedures Guide", or as indicated in the specifications, or as attached herein by the LA; test according to the STATE BMPR "Manual of Test Procedures for Materials", submit STATE BMPR inspection reports; and verify compliance with contract specifications.

- e. Inspection of all materials when inspection is not provided at the sources by the STATE BMPR, and submit inspection reports to the LA and the STATE in accordance with the STATE BMPR "Project Procedures Guide" and the policies of the STATE.
- f. For Quality Assurance services, provide personnel who have completed the appropriate STATE BMPR QC/QA trained technician classes.
- g. Inspect, document and inform the LA employee In Responsible Charge of the adequacy of the establishment and maintenance of the traffic control.
- h. Geometric control including all construction staking and construction layouts.
- i. Quality control of the construction work in progress and the enforcement of the contract provisions in accordance with the STATE Construction Manual.
- Measurement and computation of pay items.
- K. Maintain a daily record of the contractor's activities throughout construction including sufficient information to permit verification of the nature and cost of changes in plans and authorized extra work.
- I. Preparation and submission to the LA by the required form and number of copies, all partial and final payment estimates, change orders, records, documentation and reports required by the LA and the STATE.
- M. Revision of contract drawings to reflect as built conditions.
- n. Act as resident construction supervisor and coordinate with the LA employee In Responsible Charge.
- Engineering services shall include all equipment, instruments, supplies, transportation and personnel required to perform the duties of the ENGINEER in connection with the AGREEMENT.
- 3. To furnish the services as required herein within twenty-four hours of notification by the LA employee In Responsible Charge.
- To attend meetings and visit the site of the work at any reasonable time when requested to do so by representatives of the LA or STATE.
- 5. That none of the services to be furnished by the ENGINEER shall be sublet, assigned or transferred to any other party or parties without the written consent of the LA. The consent to sublet, assign or otherwise transfer any portion of the services to be furnished by the ENGINEER shall not be construed to relieve the ENGINEER of any responsibility for the fulfillment of this AGREEMENT.
- 6. The ENGINEER shall submit invoices, based on the ENGINEER's progress reports, to the LA employee In Responsible Charge, no more than once a month for partial payment on account for the ENGINEER's work completed to date. Such invoices shall represent the value, to the LA of the partially completed work, based on the sum of the actual costs incurred, plus a percentage (equal to the percentage of the construction engineering completed) of the fixed fee for the fully completed work.
- 7. That the ENGINEER is qualified technically and is entirely conversant with the design standards and policies applicable to improvement of the SECTION; and that the ENGINEER has sufficient properly trained, organized and experienced personnel to perform the services enumerated herein.
- 8. That the ENGINEER shall be responsible for the accuracy of the ENGINEER's work and correction of any errors, omissions or ambiguities due to the ENGINEER'S negligence which may occur either during prosecution or after acceptance by the LA. Should any damage to persons or property result from the ENGINEER's error, omission or negligent act, the ENGINEER shall indemnify the LA, the STATE and their employees from all accrued claims or liability and assume all restitution and repair costs arising from such negligence. The ENGINEER shall give immediate attention to any remedial changes so there will be minimal delay to the contractor and prepare such data as necessary to effectuate corrections, in consultation with and without further compensation from the LA.
- That the ENGINEER will comply with applicable federal statutes, state of Illinois statutes, and local laws or ordinances of the LA.
- The undersigned certifies neither the ENGINEER nor I have:
 - employed or retained for commission, percentage, brokerage, contingent fee or other considerations, any firm or person (other than a bona fide employee working solely for me or the above ENGINEER) to solicit or secure this AGREEMENT;

- agreed, as an express or implied condition for obtaining this AGREEMENT, to employ or retain the services of any firm or person in connection with carrying out the AGREEMENT or
- paid, or agreed to pay any firm, organization or person (other than a bona fide employee working solely for me or the above ENGINEER) any fee, contribution, donation or consideration of any kind for, or in connection with, procuring or carrying out the AGREEMENT.
- are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any Federal department or agency;
- e) have not within a three-year period preceding the AGREEMENT been convicted of or had a civil judgment rendered against them for commission of fraud or criminal offense in connection with obtaining, attempting to obtain or performing a public (Federal, State or local) transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements or receiving stolen property;
- f) are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (e) of this certification; and
- g) have not within a three-year period preceding this AGREEMENT had one or more public transactions (Federal, State or local) terminated for cause or default.
- 11. To pay its subconsultants for satisfactory performance no later than 30 days from receipt of each payment from the LA.
- To submit all invoices to the LA within one year of the completion of the work called for in this AGREEMENT or any subsequent Amendment or Supplement.
- 13. To submit BLR 05613, Engineering Payment Report, to the STATE upon completion of the work called for in the AGREEMENT.
- 14. To be prequalified with the STATE in Construction Inspection when the ENGINEER or the ENGINEER's assigned staff is named as resident construction supervisor. The onsite resident construction supervisor shall have a valid Documentation of Contract Quantities certification.
- 15. Will provide, as required, project inspectors that have a valid Documentation of Contract Quantities certification.

II. THE LA AGREES,

- To furnish a full time LA employee to be In Responsible Charge authorized to administer inherently governmental PROJECT activities.
- 2. To furnish the necessary plans and specifications.
- To notify the ENGINEER at least 24 hours in advance of the need for personnel or services.
- 4. To pay the ENGINEER as compensation for all services rendered in accordance with this AGREEMENT, on the basis of the following compensation formulas:

Cost Plus Fixed Fee Formulas	=	14.5%[DL + R(DL) + OH(DL) + IHDC], or 14.5%[(2.3 + R)DL + IHDC]
	Where:	DL = Direct Labor IHDC = In House Direct Costs OH = Consultant Firm's Actual Overhead Factor R = Complexity Factor FF=Fixed Fee SBO = Services by Others
	Total Cor	mpensation = DL +IHDC+OH+FF+SBO
Specific Rate	☐ (Pay	per element)
Lump Sum		

5. To pay the ENGINEER using one of the following methods as required by 49 CFR part 26 and 605 ILCS 5/5-409:

- a) For the first 50% of completed work, and upon receipt of monthly invoices from the ENGINEER and the approval thereof by the LA, monthly payments for the work performed shall be due and payable to the ENGINEER, such payments to be equal to 90% of the value of the partially completed work minus all previous partial payments made to the ENGINEER.
- b) After 50% of the work is completed, and upon receipt of monthly invoices from the ENGINEER and the approval thereof by the LA, monthly payments covering work performed shall be due and payable to the ENGINEER, such payments to be equal to 95% of the value of the partially completed work minus all previous partial payments made to the ENGINEER.
- c) Final Payment Upon approval of the work by the LA but not later than 60 days after the work is completed and reports have been made and accepted by the LA and the STATE, a sum of money equal to the basic fee as determined in this AGREEMENT less the total of the amounts of partial payments previously paid to the ENGINEER shall be due and payable to the ENGINEER.

☐ Without Retainage

- a) For progressive payments Upon receipt of monthly invoices from the ENGINEER and the approval thereof by the LA, monthly payments for the work performed shall be due and payable to the ENGINEER, such payments to be equal to the value of the partially completed work minus all previous partial payments made to the ENGINEER.
- b) Final Payment Upon approval of the work by the LA but not later than 60 days after the work is completed and reports have been made and accepted by the LA and STATE, a sum of money equal to the basic fee as determined in this AGREEMENT less the total of the amounts of partial payments previously paid to the ENGINEER shall be due and payable to the ENGINEER.
- The recipient shall not discriminate on the basis on the basis of race, color, national origin or sex in the award and performance of any DOT-assisted contract or in the administration of its DBE program or the requirements of 49 CFR part 26. The recipient shall take all necessary and reasonable steps under 49 CFR part 26 to ensure nondiscrimination in the award and administration of DOT-assisted contracts. The recipient's DBE program, as required by 49 CFR part 26 and as approved by DOT, is incorporated by reference in this agreement. Implementation of this program is a legal obligation and failure to carry out its terms shall be treated as violation of this agreement. Upon notification to the recipient of its failure to carry out its approved program, the Department may impose sanctions as provided for under part 26 and may, in appropriate cases, refer the matter for enforcement under 18 U.S.C. 1001 and/or the Program Fraud Civil Remedies Act of 1986 (31U.S.C. 3801 et seq.).
- 7. To submit approved form BC 775 (Exhibit C) and BC 776 (Exhibit D) with this AGREEMENT.

III. It is Mutually Agreed,

- That the ENGINEER and the ENGINEER's subcontractors will maintain all books, documents, papers, accounting records and
 other evidence pertaining to cost incurred and to make such materials available at their respective offices at all reasonable times
 during the AGREEMENT period and for three years from the date of final payment under this AGREEMENT, for inspection by the
 STATE, Federal Highway Administration or any authorized representatives of the federal government and copies thereof shall be
 furnished if requested.
- That all services are to be furnished as required by construction progress and as determined by the LA employee In Responsible Charge. The ENGINEER shall complete all services specified herein within a time considered reasonable to the LA, after the CONTRACTOR has completed the construction contract.
- 3. That all field notes, test records and reports shall be turned over to and become the property of the LA and that during the performance of the engineering services herein provided for, the ENGINEER shall be responsible for any loss or damage to the documents herein enumerated while they are in the ENGINEER's possession and any such loss or damage shall be restored at the ENGINEER's expense.
- 4. That this AGREEMENT may be terminated by the LA upon written notice to the ENGINEER, at the ENGINEER's last known address, with the understanding that should the AGREEMENT be terminated by the LA, the ENGINEER shall be paid for any services completed and any services partially completed. The percentage of the total services which have been rendered by the ENGINEER shall be mutually agreed by the parties hereto. The fixed fee stipulated in numbered paragraph 4d of Section II shall be multiplied by this percentage and added to the ENGINEER's actual costs to obtain the earned value of work performed. All field notes, test records and reports completed or partially completed at the time of termination shall become the property of, and be delivered to, the LA.
- 5. That any differences between the ENGINEER and the LA concerning the interpretation of the provisions of this AGREEMENT shall be referred to a committee of disinterested parties consisting of one member appointed by the ENGINEER, one member appointed by the LA, and a third member appointed by the two other members for disposition and that the committee's decision shall be final.
- 6. That in the event the engineering and inspection services to be furnished and performed by the LA (including personnel furnished by the ENGINEER) shall, in the opinion of the STATE be incompetent or inadequate, the STATE shall have the right to supplement the engineering and inspection force or to replace the engineers or inspectors employed on such work at the expense of the LA.

- 7. That the ENGINEER has not been retained or compensated to provide design and construction review services relating to the contractor's safety precautions, except as provided in numbered paragraph 1f of Section I.
- 8. This certification is required by the Drug Free Workplace Act (30ILCS 580). The Drug Free Workplace Act requires that no grantee or contractor shall receive a grant or be considered for the purpose of being awarded a contract for the procurement of any property or service from the State unless that grantee or contractor will provide a drug free workplace. False certification or violation of the certification may result in sanctions including, but not limited to, suspension of contract or grant payments, termination of a contract or grant and debarment of contracting or grant opportunities with the State for at least one (1) year but no more than five (5) years.

For the purpose of this certification, "grantee" or "contractor" means a corporation, partnership or other entity with twenty-five (25) or more employees at the time of issuing the grant, or a department, division or other unit thereof, directly responsible for the specific performance under a contract or grant of \$5,000 or more from the State, as defined in the Act.

The contractor/grantee certifies and agrees that it will provide a drug free workplace by:

- (a) Publishing a statement:
 - (1) Notifying employees that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance, including cannabis, is prohibited in the grantee's or contractor's workplace.
 - (2) Specifying the actions that will be taken against employees for violations of such prohibition.
 - (3) Notifying the employee that, as a condition of employment on such contract or grant, the employee will:
 - (A) abide by the terms of the statement, and
 - (B) notify the employer of any criminal drug statute conviction for a violation occurring in the workplace no later than five (5) days after such conviction.
- (b) Establishing a drug free awareness program to inform employees about:
 - (1) the dangers of drug abuse in the workplace;
 - (2) the grantee's or contractor's policy of maintaining a drug free workplace;
 - any available drug counseling, rehabilitation and employee assistance program; and
 - (4) the penalties that may be imposed upon an employee for drug violations.
- (c) Providing a copy of the statement required by subparagraph (a) to each employee engaged in the performance of the contract or grant and to post the statement in a prominent place in the workplace.
- (d) Notifying the contracting or granting agency within ten (10) days after receiving notice under part (B) of paragraph (3) of subsection (a) above from an employee or otherwise receiving actual notice of such conviction.
- (e) Imposing a sanction on, or requiring the satisfactory participation in a drug abuse assistance or rehabilitation program by, any employee who is convicted, as required by section S of the Drug Free Workplace Act.
- (f) Assisting employees in selecting a course of action in the event drug counseling, treatment and rehabilitation is required and indicating that a trained referral team is in place.
- (g) Making a good faith effort to continue to maintain a drug free workplace through implementation of the Drug Free Workplace Act.
- 9. The ENGINEER or subconsultant shall not discriminate on the basis of race, color, national origin or sex in the performance of this AGREEMENT. The ENGINEER shall carry out applicable requirements of 49 CFR part 26 in the administration of DOT-assisted contracts. Failure by the ENGINEER to carry out these requirements is a material breach of this AGREEMENT, which may result in the termination this AGREEMENT or such other remedy as the LA deems appropriate.

Agreement Summary

Prime Consultant:	TIN Number Agreement Amount
Thomas Engineering Group, LLC	26-1722938 \$253,535.04
Sub-Consultants:	TIN Number Agreement Amount
Material Solutions Laboratory	20-5755513 \$ 26,462.96
	
	Sub Consultant Totals & 26 462 06
	Sub-Consultant Total: \$ 26,462.96 Prime Consultant Total: \$253,535.04
	Total for all Work: \$279,998.00
	Total for all 9901K. \$275,550.00
Executed by the LA:	Village of Lombard
	(Municipality/Township/County)
ATTEST:	
By:	Ву:
-	
Clerk	Title:
(SEAL)	
(SEAL)	
Executed by the ENGINEER:	
Executed by the ENORALLY.	
	Thomas Engineering Group, LLC
ATTEST:	
- 1 6	-7(.A
By: Kevin VanDeWoestyne	By: Thomas E. Gill, III
Title: Principal/Municipal Department Head	Title: President

Exhibit A - Construction Engineering

%

with iting:	ω				_										-
rates on file ling and Audi	(R) 146.48 (R) 0.00			Fixed Fee (FF)											
*Firm's approved rates on file with Bureau of Accounting and Auditing:	Overhead Rate (OH) Complexity Factor (R) Calendar Days			In-House Direct Costs (IHDC)								_			
			i	Services by Others (SBO)											
				Overhead (OH*DL)	Sheets)										
		нрс]		Payroll Costs (DL)	(See Attached										
		+ OH(DL) + IHDC] + IHDC]	S	Payroll Rate											
rk Township		Compensation: 14.5%[(2.3 + R)DL 14.5%[(2.3 + R)DL	es in Dollar	Man- Hours											
FAU 1426 (Madison Street) Village of Lombard / York Township (Municipality/Township/County) 11-00155-00-CH	3 (259) 55-14	Cost Plus Fixed Fee Methods of Compensation: Fixed Fee 1 Fixed Fee 2 14.5%[(2.3 + R) Specific Rate	Cost Estimate of Consultant's Services in Dollars	Employee Classification											
FAL T	1 1 1	Cost Plus Fixed Fee Fixed Fee 1 Fixed Fee 2 Specific Rate Lump Sum	Estimate of Co	Element of Work	i										-
Route: Local Section:	Project: Job No.:	Cost Plus Fixed Fee 1 Fixed Fee 2 Specific Rat Lump Sum	Cost	Elem											Totals

Total

Page 7 of 8 Printed on 10/1/2015 1:33:22 PM



Engineering Payment Report

Prime Consultant

Name	Thomas Engineering Group, LLC
Address	238 South Kenilworth, Suite 100
Telephone	(708) 533-1700
TIN Number	26-1722938
Project Information	
Local Agency	Village of Lombard
Section Number	11-00155-00-CH
Project Number	M-4003 (259)
Job Number	C-91-155-14

This form is to verify the amount paid to the Sub-consultant on the above captioned contract. Under penalty of law for perjury or falsification, the undersigned certifies that work was executed by the Sub-consultant for the amount listed below.

Sub-Consultant Name	TIN Number	Actual Payment from Prime
Material Solutions Laboratory	20-5755513	\$ 26,462.96
•		· ·
		
	1	
	-	
	Sub-Consultant Total:	\$ 26,462.96
	Prime Consultant Total:	\$253,535.04
	Total for all Work	\$279,998,00

Principal/Municipal Department Head	09-29-2015
Signature and time or Prime Consultant	Date

Note: The Department of Transportation is requesting disclosure of information that is necessary to accomplish the statutory purpose as outlined under state and federal law. Disclosure of this information is REQUIRED and shall be deemed as concurring with the payment amount specified above.



Local Public Agency Agreement for Federal Participation

METHOD A---Lump Sum (80% of LPA Obligation)

METHOD B--- _

METHOD C---LPA's Share

Local Public Agency	State Contract	Day Labor	Local Contract	RR Force Account
Village of Lombard	X			
Section	Fund Type		ITEP, SRTS, or	HSIP Number(s)
11-00155-00-CH	STU			

Cons	struction	Engin	eering	Right-of-Way				
Job Number	Project Number	Job Number	Project Number	Job Number	Project Number			
C-91-155-14	M-4003(259)							

This Agreement is made and entered into between the above local public agency, hereinafter referred to as the "LPA", and the State of Illinois, acting by and through its Department of Transportation, hereinafter referred to as "STATE". The STATE and LPA jointly propose to improve the designated location as described below. The improvement shall be constructed in accordance with plans prepared by, or on behalf of the LPA, approved by the STATE and the STATE's policies and procedures approved and/or required by the Federal

Highway Administration, herein	after referred to	as "	FHW.	Α".									
					Location								
Local Name 1) Columbine A Termini 1) Charles Lane to I	venue, 2) Madi Harding Road, 2			ne Aver				870, FA	U 1426			Length	1) 0.27 Mi 2) 0.20 Mi.
Current Jurisdiction LPA				TIP	Number 08-	13-	0002		Existing	g St	ructure	No _	N/A
				Proje	ct Description	n							
Traffic Signal improvements to resurfacing.	the intersection	of C	olumb	•	•		e 53) a	ind Mad	dison Stree	t to	include	e widenii	ng and
				Divis	sion of Cost					• • • •	Estech		· · · · · · · · · · · · · · · · · · ·
Type of Work Participating Construction Non-Participating Construction Preliminary Engineering Construction Engineering Right of Way Railroads Utilities	STU 1,469,511	((((((((((((((((((((%))))	STATE 411,437 120,400	((((((((((((((((((((%))))	LPA 218,353 218,346 159,598	((((((((((((((((((((% BAL 100 BAL))))))))))))))))))))	Total 2,099,301 218,346 279,998
Materials					524 227				F0C 207			_	2 507 645
TOTAL \$ 1,469,511 \$ 531,837 \$ 596,297 \$ 2,597,645 * Maximum FHWA (STU) participation 70% not to exceed \$1,469,511 to be used first. ** Maximum STATE (SRF) participation 100% not to exceed \$531,837. Non-Participating Construction includes but is not limited to roadway lighting.													
	NOTE: The costs shown in the Division of Cost table are approximate and subject to change. The final LPA share is dependent on the final Federal and State participation. The actual costs will be used in the final division of cost for billing and reimbursment.												
If funding is not a perc	entage of the total				· · ·			e percer	ntage and ex	plair	above	•	
		L	ocal P	ublic A	gency Appro	pria	ation						
By execution of this Agreement to fund the LPA share of project State-let contracts only)													

(See page two for details of the above methods and the financing of Day Labor and Local Contracts)

Method of Financing (State Contract Work Only)

Monthly Payments of _____ due by the ____ of each successive racks Share _____ divided by estimated total cost multiplied by actual progress payment.

due by the

of each successive month.

Agreement Provisions

THE LPA AGREES:

- To acquire in its name, or in the name of the STATE if on the STATE highway system, all right-of-way necessary for this project in accordance with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, and established State policies and procedures. Prior to advertising for bids, the LPA shall certify to the STATE that all requirements of Titles II and III of said Uniform Act have been satisfied. The disposition of encroachments, if any, will be cooperatively determined by representatives of the LPA, and the STATE and the FHWA, if required.
- (2) To provide for all utility adjustments, and to regulate the use of the right-of-way of this improvement by utilities, public and private, in accordance with the current Utility Accommodation Policy for Local Agency Highway and Street Systems.
- (3) To provide for surveys and the preparation of plans for the proposed improvement and engineering supervision during construction of the proposed improvement.
- (4) To retain jurisdiction of the completed improvement unless specified otherwise by addendum (addendum should be accompanied by a location map). If the improvement location is currently under road district jurisdiction, an addendum is required.
- (5) To maintain or cause to be maintained, in a manner satisfactory to the STATE and the FHWA, the completed improvement, or that portion of the completed improvement within its jurisdiction as established by addendum referred to in item 4 above.
- (6) To comply with all applicable Executive Orders and Federal Highway Acts pursuant to the Equal Employment Opportunity and Nondiscrimination Regulations required by the U.S. Department of Transportation.
- To maintain, for a minimum of 3 years after final project close-out by the STATE, adequate books, records and supporting documents to verify the amounts, recipients and uses of all disbursements of funds passing in conjunction with the contract; the contract and all books, records and supporting documents related to the contract shall be available for review and audit by the Auditor General and the department; and the LPA agrees to cooperate fully with any audit conducted by the Auditor General and the STATE; and to provide full access to all relevant materials. Failure to maintain the books, records and supporting documents required by this section shall establish a presumption in favor of the STATE for the recovery of any funds paid by the STATE under the contract for which adequate books, records and supporting documentation are not available to support their purported disbursement.
- (8) To provide if required, for the improvement of any railroad-highway grade crossing and rail crossing protection within the limits of the proposed improvement.
- (9) To comply with Federal requirements or possibly lose (partial or total) Federal participation as determined by the FHWA.
- (10) (State Contracts Only) That the method of payment designated on page one will be as follows:
 - Method A Lump Sum Payment. Upon award of the contract for this improvement, the LPA will pay to the STATE within thirty (30) calendar days of billing, in lump sum, an amount equal to 80% of the LPA's estimated obligation incurred under this Agreement. The LPA will pay to the STATE the remainder of the LPA's obligation (including any nonparticipating costs) within thirty (30) calendar days of billing in a lump sum, upon completion of the project based on final costs.
 - Method B Monthly Payments. Upon award of the contract for this improvement, the LPA will pay to the STATE, a specified amount each month for an estimated period of months, or until 80% of the LPA's estimated obligation under the provisions of the Agreement has been paid, and will pay to the STATE the remainder of the LPA's obligation (including any nonparticipating costs) in a lump sum, upon completion of the project based upon final costs.
 - Method C Progress Payments. Upon receipt of the contractor's first and subsequent progressive bills for this improvement, the LPA will pay to the STATE within thirty (30) calendar days of receipt, an amount equal to the LPA's share of the construction cost divided by the estimated total cost, multiplied by the actual payment (appropriately adjusted for nonparticipating costs) made to the contractor until the entire obligation incurred under this Agreement has been paid.

Failure to remit the payment(s) in a timely manner as required under Methods A, B, or C, shall allow the STATE to internally offset, reduce, or deduct the arrearage from any payment or reimbursement due or about to become due and payable from the STATE to LPA on this or any other contract. The STATE, at its sole option, upon notice to the LPA, may place the debt into the Illinois Comptroller's Offset System (15 ILCS 405/10.05) or take such other and further action as my be required to recover the debt.

- (11) (Local Contracts or Day Labor) To provide or cause to be provided all of the initial funding, equipment, labor, material and services necessary to construct the complete project.
- (12) (Preliminary Engineering) In the event that right-of-way acquisition for, or actual construction of, the project for which this preliminary engineering is undertaken with Federal participation is not started by the close of the tenth fiscal year following the fiscal year in which the project is federally authorized, the LPA will repay the STATE any Federal funds received under the terms of this Agreement.
- (13) (Right-of-Way Acquisition) In the event that the actual construction of the project on this right-of-way is not undertaken by the close of the twentieth fiscal year following the fiscal year in which the project is federally authorized, the LPA will repay the STATE any Federal Funds received under the terms of this Agreement.

(14) (Railroad Related Work Only) The estimates and general layout plans for at-grade crossing improvements should be forwarded to the Rail Safety and Project Engineer, Room 204, Illinois Department of Transportation, 2300 South Dirksen Parkway, Springfield, Illinois, 62764. Approval of the estimates and general layout plans should be obtained prior to the commencement of railroad related work. All railroad related work is also subject to approval be the Illinois Commerce Commission (ICC). Final inspection for railroad related work should be coordinated through appropriate IDOT District Bureau of Local Roads and Streets office.

Plans and preemption times for signal related work that will be interconnected with traffic signals shall be submitted to the ICC for review and approval prior to the commencement of work. Signal related work involving interconnects with state maintained traffic signals should also be coordinated with the IDOT's District Bureau of Operations.

The LPA is responsible for the payment of the railroad related expenses in accordance with the LPA/railroad agreement prior to requesting reimbursement from IDOT. Requests for reimbursement should be sent to the appropriate IDOT District Bureau of Local Roads and Streets office.

Engineer's Payment Estimates shall be in accordance with the Division of Cost on page one.

- (15) And certifies to the best of its knowledge and belief its officials:
 - (a) are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any Federal department or agency;
 - (b) have not within a three-year period preceding this Agreement been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements receiving stolen property:
 - (c) are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, local) with commission of any of the offenses enumerated in item (b) of this certification; and
 - (d) have not within a three-year period preceding the Agreement had one or more public transactions (Federal, State, local) terminated for cause or default.
- (16) To include the certifications, listed in item 15 above, and all other certifications required by State statutes, in every contract, including procurement of materials and leases of equipment.
- (17) (State Contracts) That execution of this agreement constitutes the LPA's concurrence in the award of the construction contract to the responsible low bidder as determined by the STATE.
- (18) That for agreements exceeding \$100,000 in federal funds, execution of this Agreement constitutes the LPA's certification that:
 - (a) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress or any employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any cooperative agreement, and the extension, continuation, renewal, amendment or modification of any Federal contract, grant, loan or cooperative agreement;
 - (b) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress or an employee of a Member of Congress, in connection with this Federal contract, grant, loan or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying", in accordance with its instructions;
 - (c) The LPA shall require that the language of this certification be included in the award documents for all subawards at all ties (including subcontracts, subgrants and contracts under grants, loans and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.
- (19) To regulate parking and traffic in accordance with the approved project report.
- (20) To regulate encroachments on public right-of-way in accordance with current Illinois Compiled Statutes.
- (21) To regulate the discharge of sanitary sewage into any storm water drainage system constructed with this improvement in accordance with current Illinois Compiled Statutes.
- (22) To complete this phase of the project within three (3) years from the date this agreement is approved by the STATE if this portion of the project described in the Project Description does not exceed \$1,000,000 (five years if the project costs exceed \$1,000,000).
- (23) To comply with the federal Financial Integrity Review and Evaluation (FIRE) program, which requires States and subrecipients to justify continued federal funding on inactive projects. 23 CFR 630.106(a)(5) defines an inactive project as a project which no expenditures have been charged against Federal funds for the past twelve (12) months.
 - To keep projects active, invoicing must occur a minimum of one time within any given twelve (12) month period. However, to ensure adequate processing time, the first invoice shall be submitted to the STATE within six (6) months of the federal authorization date. Subsequent invoices will be submitted in intervals not to exceed six (6) months.
- (24) The LPA will submit supporting documentation with each request for reimbursement from the STATE. Supporting documentation is defined as verification of payment, certified time sheets or summaries, vendor invoices, vendor receipts, cost plus fix fee invoice, progress report, and personnel and direct cost summaries.and other documentation supporting the requested reimbursement amount (Form BLRS 05621 should be used for consultant invoicing purposes). LPA invoice requests to the STATE will be submitted with sequential invoice numbers by project.

The LPA will submit to the STATE a complete and detailed final invoice with applicable supporting documentation of all incurred costs, less previous payments, no later than twelve (12) months from the date of completion of this phase of the improvement or

- from the date of the previous invoice, which ever occurs first. If a final invoice is not received within this time frame, the most recent invoice may be considered the final invoice and the obligation of the funds closed.
- The LPA shall provide the final report to the appropriate STATE district within twelve months of the physical completion date of the project so that the report may be audited and approved for payment. If the deadline cannot be met, a written explanation must be provided to the district prior to the end of the twelve months documenting the reason and the new anticipated date of completion. If the extended deadline is not met, this process must be repeated until the project is closed. Failure to follow this process may result in the immediate close-out of the project and loss of further funding.
- (Single Audit Requirements) That if the LPA expends \$750,000 or more a year in federal financial assistance they shall have an audit made in accordance with 2 CFR 200. LPAs expending less than \$750,000 a year shall be exempt from compliance. A copy of the audit report must be submitted to the STATE (Office of Finance and Administration, Audit Coordination Section, 2300 South Dirksen Parkway, Springfield, Illinois, 62764), within 30 days after the completion of the audit, but no later than one year after the end of the LPA's fiscal year. The CFDA number for all highway planning and construction activities is 20.205.
 - Federal funds utilized for constructon activities on projects let and awarded by the STATE (denoted by an "X" in the State Contract field at the top of page 1) are not included in a LPA's calculation of federal funds expended by the LPA for Single Audit purposes.
- That the LPA is required to register with the System for Award Management or SAM (formerly Central Contractor Registration (CCR)), which is a web-enabled government-wide application that collects, validates, stores, and disseminates business information about the federal government's trading partners in support of the contract award and the electronic payment processes. To register or renew, please use the following website: https://www.sam.gov/portal/public/SAM/#1.

The LPA is also required to obtain a Dun & Bradstreet (D&B) D-U-N-S Number. This is a unique nine digit number required to identify subrecipients of federal funding. A D-U-N-S number can be obtained at the following website: http://fedgov.dnb.com/webform.

THE STATE AGREES:

- (1) To provide such guidance, assistance and supervision and to monitor and perform audits to the extent necessary to assure validity of the LPA's certification of compliance with Titles II and III requirements.
- (2) (State Contracts) To receive bids for the construction of the proposed improvement when the plans have been approved by the STATE (and FHWA, if required) and to award a contract for construction of the proposed improvement, after receipt of a satisfactory bid.
- (3) (Day Labor) To authorize the LPA to proceed with the construction of the improvement when Agreed Unit Prices are approved, and to reimburse the LPA for that portion of the cost payable from Federal and/or State funds based on the Agreed Unit Prices and Engineer's Payment Estimates in accordance with the Division of Cost on page one.
- (4) (Local Contracts) For agreements with Federal and/or State funds in engineering, right-of-way, utility work and/or construction work:
 - (a) To reimburse the LPA for the Federal and/or State share on the basis of periodic billings, provided said billings contain sufficient cost information and show evidence of payment by the LPA;
 - (b) To provide independent assurance sampling, to furnish off-site material inspection and testing at sources normally visited by STATE inspectors of steel, cement, aggregate, structural steel and other materials customarily tested by the STATE.

IT IS MUTUALLY AGREED:

- (1) Construction of the project will utilize domestic steel as required by Section 106.01 of the current edition of the Standard Specifications for Road and Bridge Construction and federal Buy America provisions.
- (2) That this Agreement and the covenants contained herein shall become null and void in the event that the FHWA does not approve the proposed improvement for Federal-aid participation within one (1) year of the date of execution of this Agreement.
- (3) This Agreement shall be binding upon the parties, their successors and assigns.
- (4) For contracts awarded by the LPA, the LPA shall not discriminate on the basis of race, color, national origin or sex in the award and performance of any USDOT assisted contract or in the administration of its DBE program or the requirements of 49 CFR part 26. The LPA shall take all necessary and reasonable steps under 49 CFR part 26 to ensure nondiscrimination in the award and administration of USDOT assisted contracts. The LPA's DBE program, as required by 49 CFR part 26 and as approved by USDOT, is incorporated by reference in this Agreement. Upon notification to the recipient of its failure to carry out its approved program, the STATE may impose sanctions as provided for under part 26 and may, in appropriate cases, refer the matter for enforcement under 18 U.S.C. 1001 and/or the Program Fraud Civil Remedies Act of 1986 (31U.S.C. 3801 et seq.). In the absence of a USDOT approved LPA DBE Program or on State awarded contracts, this Agreement shall be administered under the provisions of the STATE's USDOT approved Disadvantaged Business Enterprise Program.

Printed 11/24/2015 Page 4 of 5 BLR 05310 (Rev. 09/03/15)

(5)	payment be		he Illinois General As	ne STATE snall cease immediately without penalty or sembly or applicable Federal Funding source fails to a n.	
(6)	All projects amendment application.	or the construction of fixed works shall be subject to the Prevailing	which are financed in Wage Act (820 ILCS	whole or in part with funds provided by this Agreeme 130/0.01 <u>et seq</u> .) unless the provisions of that Act exe	nt and/or empt its
		 	ADDENDA		
A -1-15	:::				
				l below as being a part of this Agreement.	
170	<u>mber 1- Locatio</u>		Addendum numbers and	titles as applicable)	
-					
The L and a	.PA further agre	es, as a condition of payment, tha ated above.	at it accepts and will co	omply with the applicable provisions set forth in this A	greement
A	APPROVED			APPROVED	
		Local Public Agency		State of Illinois Department of Transportation	
		Village of Lombard			
_	Nai	ne of Official (Print or Type Name)		Randall S. Blankenhorn, Secretary	Date
١	Keith Giagnorio.	Village President		By:	
_	Title (County Bo	ard Chairperson/Mayor/Village Presider	nt/etc.)	Aaron A. Weatherholt, Deputy Director of Highways	Date
_				Omer Osman, Director of Highways/Chief Engineer	Date
		(Signature)	Date		
	_	ure certifies the agency's TIN nur		William M. Barnes, Chief Counsel	Date
_	36-005975	conducting business as a Gove	rnmental		
E	intity.				
D	UNS Number	160992199		Jeff Heck, Chief Fiscal Officer (CFO)	Date

<u>NOTE</u>: If the LPA signature is by an APPOINTED official, a resolution authorizing said appointed official to execute this agreement is required.



LOCATION MAP

Village of Lombard

Illinois Route 53 at Madison Street

Section Number 11-00155-00-CH

VILLAGE OF LOMBARD

Location: IL Route 53 at Madison Street

Section No.: 11-00155-00-CH Project No.: M-4003(259) Job No.: C-91-155-14

DuPage County

RESOLUTION

WHEREAS, the Village of Lombard is attempting to improve a segment of IL Route 53 from Charles Lane to Harding Road and Madison Street from IL Route 53 to Finley Road that are approximately 0.47 mile in length.

WHEREAS, the cost of said improvement has necessitated the use of federal funds.

WHEREAS, the federal fund source requires a match of local match.

NOW THEREFORE, BE IT RESOLVED by the Village of Lombard Board that the Village of Lombard authorized six hundred thousand, four hundred seventy-four dollars and ninety-eight cents, (\$640,474.98) or as much may be needed to match federal funds in the completion of MFT Section Number 11-00155-00 CH.

BE IT FURTHER RESOLVED that the President and Clerk be and are hereby authorized and directed to execute the above-mentioned AGREEMENT and any other such documents related to advancement and completion of said project; and

BE IT FURTHER RESOLVED that the Clerk is hereby directed to transmit three certified copies of this resolution to the Illinois Department of Transportation through the Division of Transportation and one certified copy to the Village of Lombard.

2015, at

Enacted and approve Lombard, Illinois.	d this day of,
	Village President
ATTEST:	Village Clerk

Local Agency

Village of Lombard

Section

11-00155-00-CH



Local Agency Agreement for State Participation

Job Number - Construction

C-91-155-14

Job Number - Engineering/ROW

R-91-007-14

This Agreement is made and entered into between the above local agency hereinafter referred to as "LA", and the State of Illinois, acting by and through its Department of Transportation, hereinafter referred to as "STATE". The STATE and LA jointly propose to improve the designated location as shown below.

designated location as shown below.	as SIMI	E. THE STATE an	u ca jointly prop	ose to improve the
Locatio	n			
Local Name1) Columbine Avenue, 2) Madison Street	Route	P870, U1426	Length	0.27 Mi, 0.2 Mi
Termini 1) Charles Lane to Harding Road, 2) Columbine Avenue to F	inley Roa	d		
Current Jurisdiction LPA				
Project Desc	ription			
Traffic Signal improvements to the intersection of Columbine Avenue (Illi resurfacing.	•	te 53) and Madison	Street to include	e widening and
Division of (Cost			
Type of Work STATE Participating Construction			LA	Total 0
Non-Participating Construction				0
Preliminary Engineering				0
Construction Engineering Right-of-Way 98,000			2,000	100,000
				0
TOTAL \$98,000	\$ 0		\$2,000	\$100,000
Note: Refer to executed Letter of Intent between IDOT and Vi	llage of Lo	ombard dated 12/9/	14, signed by th	e Village on 8/10/15.

Payment Method (check one):

project costs. The remaining 5% will be paid to the LA upon receipt of the final invoice.
The STATE will reimburse the LA for the STATE share of the project on the basis of periodic billings, provided said billings contain

sufficient cost information and show evidence of payment by the LA

Agreement Provisions

- 1. It is mutually agreed that the PROJECT will be processed, let and constructed in accordance with Motor Fuel Tax standards, policies and procedures.
- 2. Construction of the PROJECT will utilize domestic steel as required by Section 106.01 of the current edition of the Standard Specifications for Road and Bridge Construction.
- 3. The LA will certify to the STATE that all necessary right-of-way, temporary and permanent easements, and temporary use permits have been obtained or are not required, prior to the LA advertising for bids for the PROJECT.
- 4. The PROJECT will be let and awarded by the LA upon approval of the plans and specifications by the STATE.
- The LA agrees to retain jurisdiction and to maintain or cause to be maintained the completed PROJECT in a manner satisfactory to the STATE unless otherwise specified by addendum.
- 6. Upon approval of the final plans and specifications by the STATE and the LA, the LA agrees to accept bids and award the contract to the lowest responsible bidder after receipt of a satisfactory bid and concurrence in the award has been received from the STATE. If necessary the LA agrees to provide, or cause to be provided, all of the initial funding necessary to complete the project subject to reimbursement by the STATE.
- 7. The LA shall maintain, for a minimum of 3 years after the completion of the project, adequate books, records, and supporting documents to verify the amounts, recipients and uses of all disbursements of funds passing in conjunction with this Agreement. All books, records, and supporting documents related to the project shall be available for review and audit by the Auditor General and the Department. The LA agrees to cooperate fully with any audit conducted by the Auditor General and the Department and to provide full access to all relevant materials. Failure to maintain the books, records and supporting documents required by this section shall establish a presumption in favor of the STATE for the recovery of any funds paid by the STATE under the contract of which adequate books, records, and supporting documentation are not available to support their purported disbursement.
- 8. To complete this phase of the project within three years from the date this agreement is approved by the STATE if this portion of the project described in the Project Description does not exceed \$1,000,000 (five years if the project costs exceed \$1,000,000).
- 9. Upon completion of this phase of the project, the LA will submit to the STATE a complete and detailed final invoice with all applicable supporting documentation of all incurred costs, less previous payments, no later than one year from the date of completion of this phase of the project. If a final invoice is not received within one year of completion of this phase of the project, the most recent invoice may be considered the final invoice and the obligation of funds closed.
- 10. Obligations of the STATE shall cease immediately without penalty or further payment being required if, in any fiscal year, the Illinois General Assembly fails to appropriate or otherwise make available funds for the work contemplated herein.
- 11. All projects for the construction of fixed works which are financed in whole or in part with funds provided by this Agreement shall be subject to the Prevailing Wage Act (820 ILCS 130/0.01 et seq.) unless the provisions of that Act exempt its application.
- 12. This Agreement shall be binding upon and inure to the benefit of the parties hereto, their successors and assigns.

Local Agency	Section 11-00155-00-CH
Village of Lombard	11-00155-00-CH

EXHIBITS

Additional information and/or stipulations are hereby attached and identified below as being a part of this Agreement. Exhibit A - Location Map

The LA further agrees, as a condition of payment, that it accepts and will comply with the applicable provisions set forth in this Agreement and all exhibits indicated above.

APPROVED	APPROVED	
Local Agency	State of Illinois Department of Transportation	
VIIIage of Lombard Name of Official (Print or Type Name)	Randall S. Blankenhom, Secretary of Transportation	Date
Keith Giagnorio, Village President	Ву:	
Title (County Board Chairperson/Mayor/Village President/etc.)	Aaron A. Weatherholt, Deputy Director of Highways	Date
(Signature) Date	Omer Osman, Director of Highways/Chief Engineer	Date
The above signature certifies the agency's TIN number is conducting business as a Governmental Entity.	William M. Barnes, Chief Counsel	Date
NOTE: If signature is by an APPOINTED official, a resolution authorizing said appointed official to execute this agreement is required.	Jeff Heck, Chief Fiscal Officer (CPO)	Date

Local Agency	Section
- Service - Control - Cont	
Village of Lombard	11-00155-00-CH