



Division of Transportation

Paula J. Trigg, P.E.  
Director of Transportation/County Engineer

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**Washington Street - Hainesville Road to Lake Street  
County Sections  
11-00121-10-WR (Hainesville Rd to Haryan Way) and 11-00121-11-BR (Haryan Way to Lake St)  
Water Main and Sanitary Relocation and Adjustments  
Storm Water Pump Station Maintenance  
LETTER OF INTENT AND CONCURRENCE**

February 6, 2014

Mr. Peter E. Kolb, PE  
Director Lake County Public Works  
650 West Winchester Road  
Libertyville, IL 60048

Dear Mr. Kolb,

Please find attached the estimated costs for the relocation of the water main and sanitary sewer within the right-of-way of Washington Street. Please note that the cost figures cited reflect the engineer's estimates as of this writing.

The total reimbursable costs to be paid by Public Works to the Division of Transportation for the work proposed and identified in Exhibit A under this LETTER OF INTENT AND CONCURRENCE are estimated to be \$446,359. This includes work for both the Central (Hainesville Road to Haryan Way) and East/Underpass (Haryan Way to Lake Street) Projects.

Per discussions with you and your staff, reimbursement to the Division of Transportation, ownership, and maintenance responsibilities will be in accordance with the following:

1. Public Works agrees that upon award of each contract, Public Works will pay to the Division of Transportation within thirty days of the receipt of an invoice from the Division of Transportation, in a lump sum based on the awarded unit prices, an amount equal to ninety-five-percent (95%) of its obligation incurred under this LETTER OF INTENT AND CONCURRENCE. Payment at the time of the award and receipt of an invoice is estimated to be \$254,788 (Central) and \$169,253 (East). The anticipated construction letting (bid opening) dates are October 2014 for the Central Project and September 2014 for the East Project. The Division of Transportation agrees that it will send the initial invoice for ninety-five-percent (95%) of the Public Works obligation after December 1, 2014.
2. Public Works further agrees to pay the Division of Transportation the remaining five (5%) of the total reimbursable costs under this LETTER OF INTENT AND CONCURRENCE in a lump sum amount, within thirty days of the receipt of an invoice from the Division of Transportation, upon

completion of the projects, based on final costs at contract unit prices for actual work performed. Final payment to the Division of Transportation upon completion of the installations is estimated to be \$13,410 (Central) and \$8,908 (East).

3. Public Works existing sanitary lift station will need to be relocated to construct the Central project. The Division of Transportation will design, construct, and pay to relocate the sanitary lift station. The proposed lift station will be designed with input from Public Works and to Public Works standards. Public Works will own, operate and maintain the new lift station.
4. The Division of Transportation will construct a storm water pump station to dewater the proposed underpass. The proposed pump station will be designed with input from Public Works and to Public Works standards. Public Works will operate and maintain the storm water pump station in exchange for the Division of Transportation funding the sanitary lift station relocation costs. Maintenance responsibilities of Public Works for the storm water pump station shall include routine maintenance costs.
5. Major Maintenance for the storm water pump station such as pump replacement or the cost to replace the entire pump station will be the responsibility of the Division of Transportation. Public Works shall inform the Division of Transportation of anticipated upcoming major maintenance costs so that they can be budgeted for accordingly.

Please indicate your concurrence with the provisions set forth herein by signing and returning one original of this LETTER OF INTENT AND CONCURRENCE. For your records, a second original of this letter has been provided. Your assistance and cooperation in this matter is greatly appreciated.

Very truly yours,



Paula J. Trigg, P.E.

Director of Transportation/County Engineer  
Lake County Division of Transportation

ACCEPTED BY LAKE COUNTY PUBLIC WORKS

\_\_\_\_\_  
Peter E. Kolb, PE  
Director

Date: \_\_\_\_\_

**EXHIBIT A**  
**Estimated Division of Costs for the**  
**Relocation and/or Adjustment of the FACILITIES**

*County Sections 11-00121-10-WR (Central: Hainesville Rd to Haryan Way) and 11-00121-11-BR (East/Underpass: Haryan Way to Lake St)*  
**Tuesday, January 21, 2014**

Item	Estimated Cost	Portion Attributable to the LCDOT		Portion Attributable to the LCPW	
		Percentage	Cost	Percentage	Cost
<b>Central Project</b>					
Construction Sanitary Adjustments	\$ 19,400			100%	\$ 19,400
Construction Sanitary Lift Station	\$ 331,369	100%	\$ 331,369		
Construction Water Main	\$ 188,990			100%	\$ 188,990
<b>Construction Subtotal</b>	<b>\$ 539,759</b>	<b>61%</b>	<b>\$ 331,369</b>	<b>39%</b>	<b>\$ 208,390</b>
<b>10% Contingency</b>	<b>\$ 53,976</b>		<b>\$ 33,137</b>		<b>\$ 20,839</b>
<b>Construction Total</b>	<b>\$ 593,735</b>	<b>61%</b>	<b>\$ 364,506</b>	<b>39%</b>	<b>\$ 229,229</b>
Design Engineering (7%)	\$ 41,561		\$ 25,515		\$ 16,046
Construction Engineering (10%)	\$ 59,373		\$ 36,451		\$ 22,923
<b>Engineering Subtotal</b>	<b>\$ 100,935</b>	<b>61%</b>	<b>\$ 61,966</b>	<b>39%</b>	<b>\$ 38,969</b>
<b>Central Project Total</b>	<b>\$ 694,670</b>	<b>61%</b>	<b>\$ 426,472</b>	<b>39%</b>	<b>\$ 268,198</b>
					<b>Initial 95% Final 5%</b> <b>\$ 254,788 \$ 13,410</b>
<b>East Project</b>					
Construction Sanitary	\$ 558,500	80%	\$ 446,800	20%	\$ 111,700 *
Construction Storm Water Pump Station	\$ 645,000	100%	\$ 645,000		
<b>Construction Subtotal</b>	<b>\$ 1,203,500</b>	<b>91%</b>	<b>\$ 1,091,800</b>	<b>9%</b>	<b>\$ 111,700</b>
<b>10% Contingency</b>	<b>\$ 120,350</b>		<b>\$ 109,180</b>		<b>\$ 11,170</b>
<b>Construction Total</b>	<b>\$ 1,323,850</b>	<b>91%</b>	<b>\$ 1,200,980</b>	<b>9%</b>	<b>\$ 122,870</b>
Design Engineering Sanitary (7%)	\$ 43,005	0%	\$ -	100%	\$ 43,005 **
Design Engineering Pump Station (7%)	\$ 49,665	100%	\$ 49,665	0%	\$ -
Construction Engineering (10%)	\$ 132,385	91%	\$ 120,098	9%	\$ 12,287 ***
<b>Engineering Subtotal</b>	<b>\$ 225,055</b>	<b>75%</b>	<b>\$ 169,763</b>	<b>25%</b>	<b>\$ 55,292</b>
<b>East Project Total</b>	<b>\$ 1,548,905</b>	<b>88%</b>	<b>\$ 1,370,743</b>	<b>12%</b>	<b>\$ 178,162</b>
					<b>Initial 95% Final 5%</b> <b>\$ 169,253 \$ 8,908</b>
<b>Grand Total</b>	<b>\$ 2,243,574</b>	<b>80%</b>	<b>\$ 1,797,215</b>	<b>20%</b>	<b>\$ 446,359</b>
					<b>Initial 95% Final 5%</b> <b>\$ 424,041 \$ 22,318</b>
			<b>Anticipated Total LCPW Reimbursable Costs: \$ 446,359</b>		

**Legend**

- \* Sanitary Construction is eligible for 80% CMAQ funding; Public Works is responsible for 20%
- \*\* Public Works is responsible for 100% of Sanitary Design Engineering
- \*\*\* Public Works is responsible for 20% of Sanitary Construction Engineering