Illinois Department of Transportation

Maintenance Engineering to be Performed by a Consulting Engineer

(to be attached to BLR 14231 or BLR 14221)

Local Agency: Town of Cortland
Section Number: 16-00000-00-GM

The services to be performed by the consulting engineer, pertaining to the various items of work included in the estimated cost of maintenance operations (BLR 14231 or BLR 14221), shall consist of the following:

PRELIMINARY ENGINEERING shall include:
Investigation of the condition of the streets or highways for determination (in consultation with the local highway authority) of the maintenance operations to be included in the maintenance program: preparation of the maintenance resolution, maintenance estimate of cost and, if applicable, proposal; attendance at meetings of the governing body as may reasonably be required; attendance at public letting; preparation of the contract and/or acceptance of BLR 12330 form. The maintenance expenditure statement must be submitted to IDOT within 3 months of the end of the maintenance period.

ENGINEERING INSPECTION shall include:
Furnishing the engineering field inspection, including preparation of payment estimate for contract, material proposal and/or deliver and install proposal and/or checking material invoices of those maintenance operations requiring engineering field inspection, as opposed to those routine maintenance operations as described in Chapter 14-2.04 of BLRS Manual, which may or may not require engineering inspection.

For furnishing preliminary engineering, the engineer will be paid a base fee PLUS a negotiated fee percentage. For furnishing engineering inspection the engineer will be paid a negotiated fee percentage. The negotiated preliminary engineering fee percentage for each group shown in the "Schedule of Fees" shall be applied to the total estimated costs of that group. The negotiated fee for engineering inspection for each group shall be applied to the total final cost of that group for the items which required engineering inspection. In no case shall this be construed to include supervision of contractor operations.

SCHEDULE OF FEES

Total of the Maintenance Operation	Base Fee
☒ > $20,000	$1,250.00
☐ ≤ $20,000 (Negotiated: $1,250 Max.)	

PLUS

Group	Preliminary Engineering		Engineering Inspection		Operation to be Inspected
	Acceptable Fee %	Negotiated Fee %	Acceptable Fee %	Negotiated Fee %	
I	NA	NA	NA	NA	NA
IIA	2%		1%		
IIB	3%		3%		
III	4%		4%		
IV	5%	5%	6%	6%	

By: _____ Local Agency Official Signature

By: _____ Consulting Engineer Signature

Mayor, Town of Cortland — Title

Project Engineer, Fehr Graham — Title

P.E. Seal

Date

May 19, 2016 — Date

P.E. License Expiration Date

Illinois Department of Transportation

Route	Various
County	DeKalb
Local Agency	Cortland
Section	16-00000-00-GM

(Construction) Estimate of Cost

Location and brief description (Sta. and land description of beginning; Sta. only for end for county and road districts; street limits for municipality.)

Mary Aldis Lane - Railraod ROW to E. Maple Avenue

West Elm Street - Somonauk Road to Alley

Barber Greene Road - Somonauk Road to 1,844' East of Somonauk Road

Total Project Length	5259'
Net Length	5259'

Surface Type	HMA
Width	12' to 43'

Shoulder Type	
Width	

Bridge or Culvert

Length	
Width	

Item Number	Items	Unit	Quantity	Unit Price	Total Cost
	CARRIED FORWARD				
1	Bituminous Materials (Prime Coat)	Lb.	2,265.00	3.00	$6,795.00
2	Hot-Mix Asphalt Surface Removal - Butt Joints	SY	49.00	30.00	$1,470.00
3	Leveling Binder (Machine Method), N50	Ton	277.00	100.00	$27,700.00
4	Hot-Mix Asphalt Surface Course, Mix "C", N50	Ton	600.00	80.00	$48,000.00
5	Class D Patching, 4"	SY	100.00	60.00	$6,000.00
6	Detectable Warnings	SY	12.00	60.00	$ 720.00
7	Hot-Mix Asphalt Surface Removal	SY	980.00	10.00	$9,800.00
8	Portland Cement Concrete Sidewalk, 5 inch	SF	70.00	35.00	$2,450.00
9	Sidewalk Removal	SF	70.00	25.00	$1,750.00
10	Pavement Markings, 4" Yellow	SF	1,357.00	8.00	$10,856.00
11	Hot-Mix Asphalt Binder Course, N50	Ton	108.00	100.00	$10,800.00
12	Finish Grading and Preparation of Aggregate	SY	616.00	6.00	$3,696.00
	☒ Page Total	☒ Total Estimated Cost			$130,037.00

Made by Brandy Williams Date 05/19/2016

Checked by Noah Carmichael Date 05/19/2016

Printed on 5/19/2016 11:39 AM

BLR 11510 (Rev. 7/05)

Illinois Department of Transportation

Resolution for Maintenance of Streets and Highways by Municipality Under the Illinois Highway Code

BE IT RESOLVED, by the Mayor and Board of Trustees (Council or President and Board of Trustees) of the Town (City, Town or Village) of Cortland (Name), Illinois, that there is hereby appropriated the sum of $153,000.00 of Motor Fuel Tax funds for the purpose of maintaining streets and highways under the applicable provisions of the Illinois Highway Code from May 1, 2016 (Date) to April 30, 2017 (Date).

BE IT FURTHER RESOLVED, that only those streets, highways, and operations as listed and described on the approved Municipal Estimate of Maintenance Costs, including supplemental or revised estimates approved in connection with this resolution, are eligible for maintenance with Motor Fuel Tax funds during the period as specified above.

BE IT FURTHER RESOLVED, that the Clerk shall, as soon a practicable after the close of the period as given above, submit to the Department of Transportation, on forms furnished by said Department , a certified statement showing expenditures from and balances remaining in the account(s) for this period; and

BE IT FURTHER RESOLVED, that the Clerk shall immediately transmit two certified copies of this resolution to the district office of the Department of Transportation, at Ottawa, Illinois.

I, Cheryl Aldis Clerk in and for the Town (City, Town or Village) of Cortland, County of DeKalb hereby certify the foregoing to be a true, perfect and complete copy of a resolution adopted by the Mayor and Board of Trustees (Council or President and Board of Trustees) at a meeting on May 23, 2016 (Date)

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this _____ day of _____.

(SEAL) _____ Town (City, Town or Village) Clerk

Approved

_____
Regional Engineer
Department of Transportation

_____
Date

Illinois Department of Transportation

Municipal Estimate of Maintenance Costs

Local Public Agency: Town of Cortland
County: DeKalb

Maintenance Period 5/1/2016 to 4/30/2017

Section Number: 16-00000-00-GM

Estimated Cost of Maintenance Operations

Maintenance Operation (No. Description)	Maint. Group	Insp. Req.	For Group I, IIA, IIB, or III					Est Total Operation Cost
			Item	Unit	Quantity	Unit Price	Item Cost	
MO #1							-	
Bituminous Resurfacing	IV	Y					-	130,037.00
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Total Estimated Maintenance Operation Cost								130,037.00

	Estimated Cost	MFT Portion	Other Funds
Maintenance	130,037.00	130,037.00	-
Maint Eng	17,054.07	17,054.07	-
Totals:	147,091.07	147,091.07	-

Preliminary Engineering	7,751.85	
Engineering Inspection	7,802.22	
Material Testing	1,500.00	
Advertising		
Bridge Inspections		
Total Estimated Maintenance Engineering Cost		17,054.07
Total Estimated Maintenance Cost		147,091.07

Submitted:

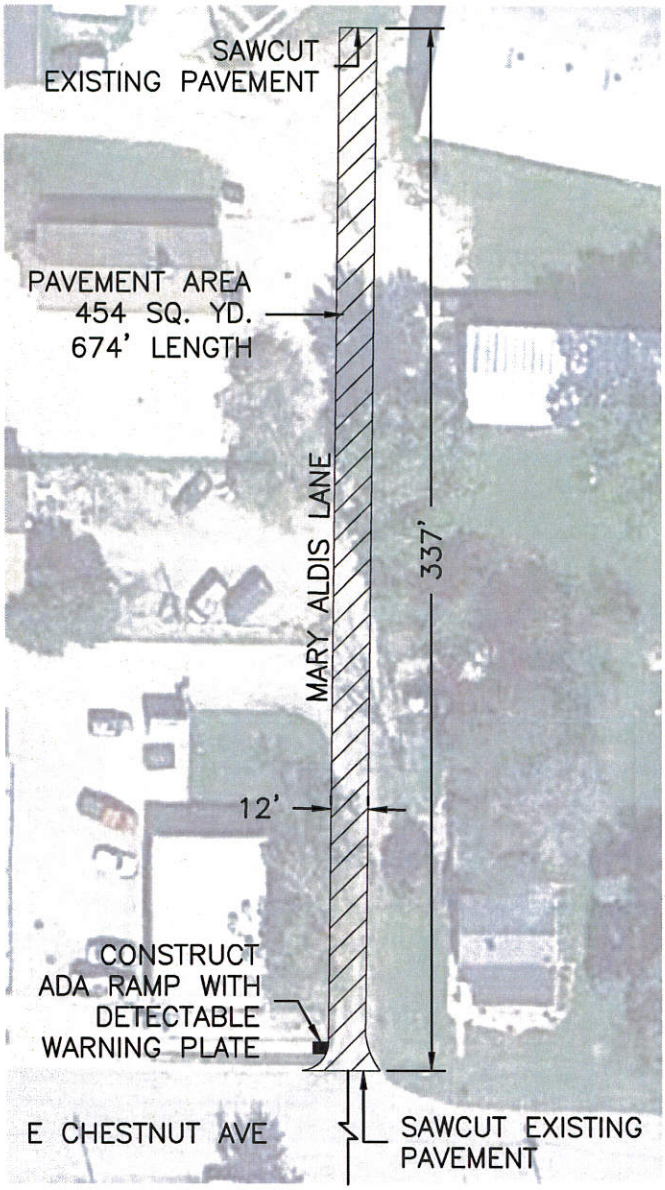
_______________________________ /Mayor
Municipal Official Title

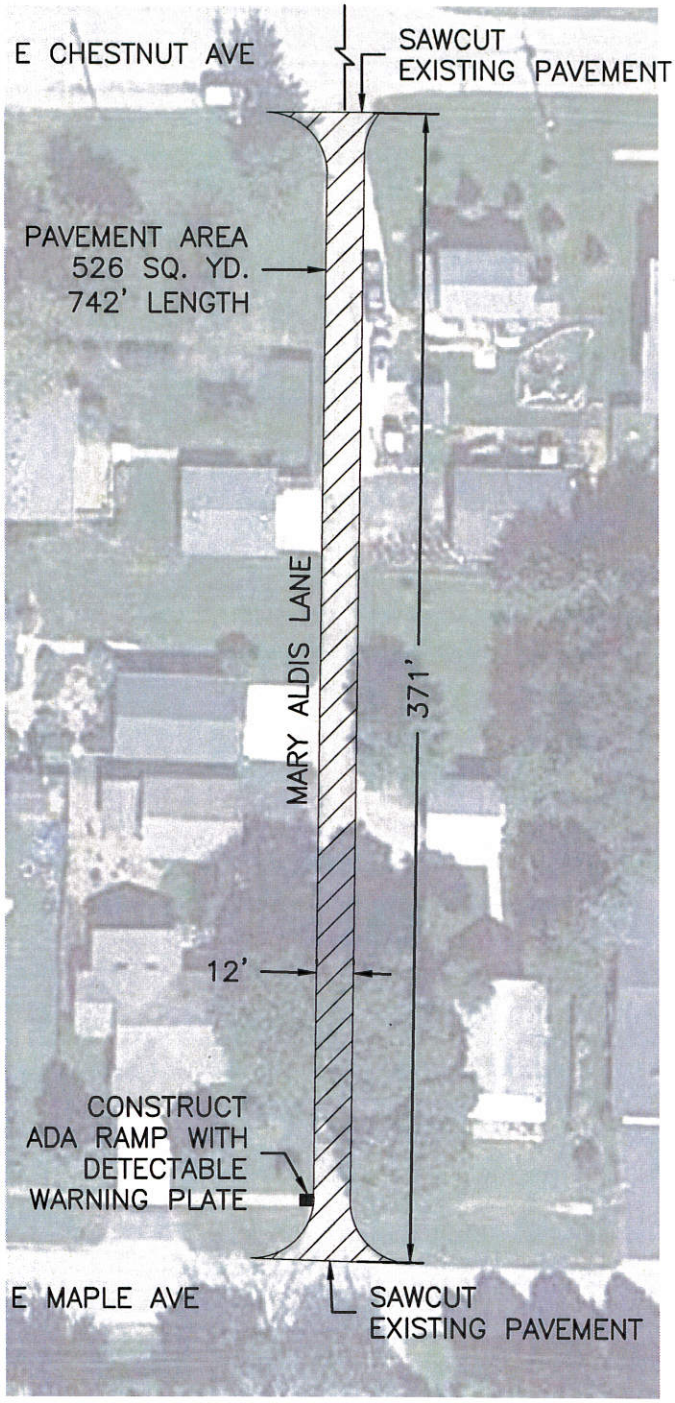
____
Date

Approved:

____
Regional Engineer

____
Date





CORTLAND

STREET MAINTENANCE
MARY ALDIS LANE
2016

05/16/16

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GRAPHIC SCALE IN FEET

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
WISCONSIN

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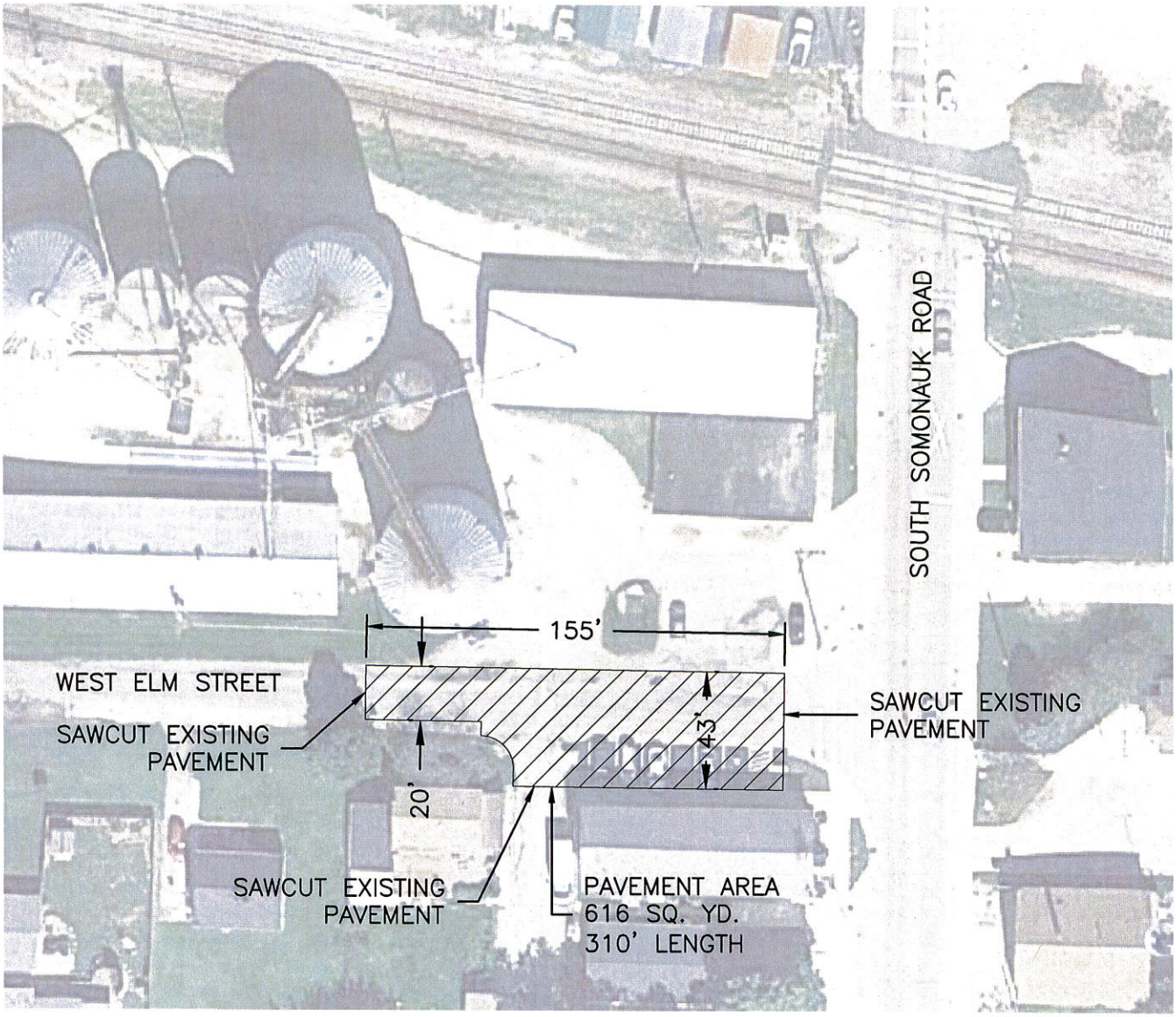

CORTLAND

STREET MAINTENANCE
WEST ELM STREET
2016

05/16/16

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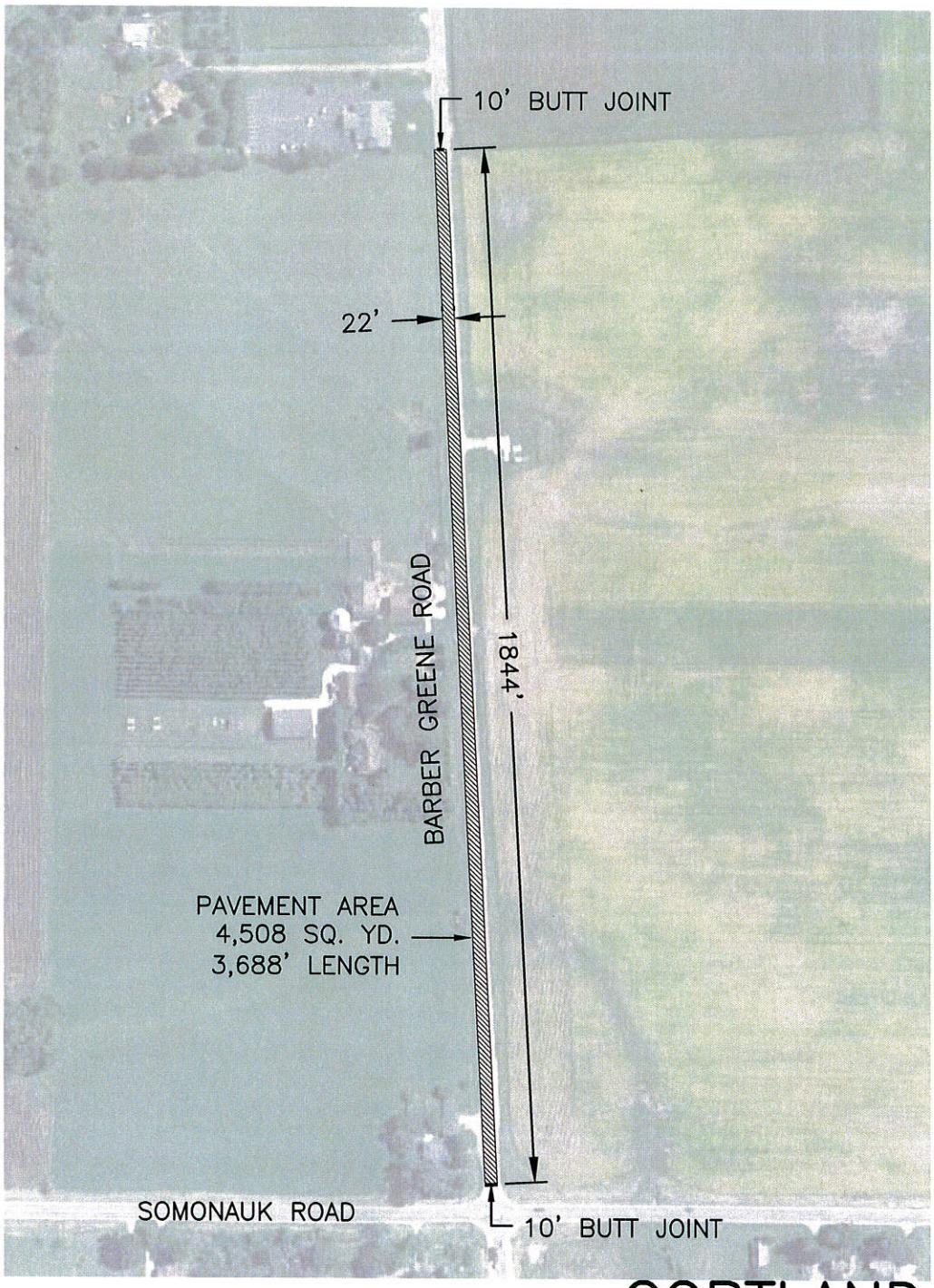

CORTLAND

STREET MAINTENANCE
BARBER GREENE ROAD
2016

05/16/16

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GRAPHIC SCALE IN FEET

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