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COUNTY ENGINEER
WOODBURY COUNTY IOWA
BY: *[Signature]*

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To: Woodbury County Engineer

Subject: Materials Inspection Costs

Your signature authorizes a transfer of funds from your Farm to Market account to the Iowa Department of Transportation's account. **PLEASE DO NOT ISSUE PAYMENT**

Return to Sarah Doser-Sansgaard, Office of Finance, Iowa Department of Transportation, 800 Lincoln Way, Ames, IA 50010.

We certify that the costs referenced in this billing have been reviewed and are allowable costs. We request the Iowa Department of Transportation process payment from the applicable Farm to Market account.

APPROVAL AUTHORITY

DATE

[Signature]
COUNTY ENGINEER

3/10/2015

[Signature]
CHAIRMAN, BOARD OF SUPERVISORS

3/18/2015

MATLS. 491
JULY 2012

IOWA DEPARTMENT OF TRANSPORTATION

Office of Materials

TABULATION OF ASSURANCE & VERIFICATION TESTING COSTS

CONTRACTOR: CEDAR VALLEY CORP., LLC

COUNTY: WOODBURY

WORK TYPE: P.C.C.P.

PROJECT: STP-S-C097(117)--5E-97

DATE: JANUARY 26, 2015

CONTRACT: 30419

Any questions, please call Becky Hanson at 515-239-1087

# TESTS	TYPE OF TEST	RATE	AMOUNT
2	SIEVE ANALYSIS	141.79	283.58
1	FREEZE AND THAW	83.39	83.39
1	ABRASION	50.40	50.40
1	COARSE AGGR. SP. GR. & ABSORB.	27.47	27.47
1	PORTLAND CEMENT TEST OR SLAG TEST	240.05	240.05
1	MIXING WATER TEST	81.09	81.09
1	ADMIXTURE/WATER REDUCER	79.25	79.25
1	FLYASH PHYS TEST	125.43	125.43
	FLYASH CHEM. & PHYS TEST	236.14	0.00
	AIR ENTRAINING AGENT	82.80	0.00
	ALUMINUM OXIDE	62.66	0.00
1	REINFORCING STEEL	215.96	215.96
	HI STRENGTH FASTENERS	44.77	0.00
	PROTECTIVE COATING	13.00	0.00
1	PCC PLANT CALIBRATION INSPECTION	344.27	344.27
	FLOWABLE MORTAR	169.68	0.00
1	CAL. PROFIL. SMOOTHNESS (per 2 lane mile)	477.44	477.44
	MISCELLANEOUS STRUCTURAL STEEL	114.78	0.00
	FENCE MATERIALS	167.05	0.00
	DRAINTILE	177.41	0.00
	STANDARD LIGHT POLES	38.52	0.00
	NUCLEAR DENSITY TEST	586.77	0.00
	ELECTRICAL CABLE	212.06	0.00
	CONDUIT	49.86	0.00
	MISCELLANEOUS METALS	70.42	0.00
	MATERIALS LAB QUALITY HMA MIX	264.43	0.00
	PRECAST BOX CULVERT	88.45	0.00
COST CENTER 8310	OBJECT 901 902 X	FUNCTION 010	TOTAL: \$ 2,008.33