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PATRICK J. BIRRE
WOODBURY COUNTY
AUDITOR
COMM. OF

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


COUNTY ENGINEER

11/5/2019


CHAIR, BOARD OF SUPERVISORS

11/5/19

MATLS. 491
JULY 2015

IOWA DEPARTMENT OF TRANSPORTATION
Office of Materials

TABULATION OF ASSURANCE & VERIFICATION TESTING COSTS

CONTRACTOR: SIoux CITY ENGINEERING CO.
WORK TYPE: P.C.C.P.
DATE: JUNE 3, 2019

COUNTY: WOODBURY
PROJECT: STP-S-C097(127)-5E-97
CONTRACT: 33426

Any questions, please call Becky Hanson 515-239-1087 e-mail rebecca.hanson@iowadot.us

# TESTS	TYPE OF TEST	RATE	AMOUNT
2	SIEVE ANALYSIS	127.21	254.42
	FREEZE AND THAW	86.51	0.00
	ABRASION	54.56	0.00
	COARSE AGGR. SP. GR. & ABSORB.	26.71	0.00
1	PORTLAND CEMENT TEST OR SLAG TEST	332.58	332.58
	MIXING WATER TEST	66.59	0.00
	ADMIXTURE/WATER REDUCER	76.48	0.00
	FLYASH PHYS TEST	261.28	0.00
	FLYASH CHEM. & PHYS TEST	369.15	0.00
	AIR ENTRAINING AGENT	90.70	0.00
	ALUMINUM OXIDE	68.31	0.00
	REINFORCING STEEL	266.91	0.00
	HI STRENGTH FASTENERS	47.89	0.00
	PROTECTIVE COATING	31.44	0.00
	PCC PLANT CALIBRATION INSPECTION	282.70	0.00
	FLOWABLE MORTAR	76.37	0.00
	CAL. PROFIL. SMOOTHNESS (per 2 lane mile)	313.61	0.00
	MISCELLANEOUS STRUCTURAL STEEL	114.78	0.00
	FENCE MATERIALS	142.34	0.00
	DRAINTILE	115.84	0.00
	STANDARD LIGHT POLES	15.93	0.00
	NUCLEAR DENSITY TEST	447.92	0.00
	ELECTRICAL CABLE	261.70	0.00
	CONDUIT	49.86	0.00
	MISCELLANEOUS METALS	82.36	0.00
	MATERIALS LAB QUALITY HMA MIX	276.83	0.00
	PRESTRESSED CONCRETE BRIDGE BEAMS	173.60	0.00
COST CENTER 6310	OBJECT 901 902 X	FUNCTION 010	TOTAL \$ 587.00