TOWN OF ACTON
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Planning Department

INTERDEPARTMENTAL COMMUNICATION

To: Planning Board ***Date: September 5, 2008***

From: Kim DelNigro

Subject: Spring Farm Circle (105 & 107 Summer Street) – Ratification of Bond Calculation

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Attached is the Consent Agenda – Item II. B
Spring Farm Circle (105 & 107 Summer Street)

Attached is the Initial Bond Calculation from the Engineering Department to review and vote on at the 9/09/08 Planning Board Meeting.

Thank you.

TOWN OF ACTON
ENGINEERING DEPARTMENT

ROAD BOND CALCULATION
SPRING FARM CIRCLE

DESCRIPTION	QTY	UNIT	COST/UNIT	TOTAL COST
ITEM 1 - CLEARING				
A.				$ -
B.				$ -
C.				$ -
	SUBTOTAL CLEARING (ITEM 1)			**$ -**
ITEM 2 - WATER				
A.				$ -
B.				$ -
C.				$ -
	SUBTOTAL WATER (ITEM 2)			**$ -**
ITEM 3 - DRAINAGE				
A. CATCHBASIN - RAISE & MORTAR FRAME, CLEAN SUMP	1	EA	$ 500.00	$ 500.00
B.				$ -
C.				$ -
	SUBTOTAL DRAINAGE (ITEM 3)			**$ 500.00**
ITEM 4 - SURFACE				
A. 1.5" TYPE I BITUMINOUS CONC. - TOP	54.75	TN	$ 48.00	$ 2,628.00
B. BITUMINOUS CONCRETE BERM	300	LF	$ 3.00	$ 900.00
C. SWEEP & TACK COAT PATCH	1	LS	$ 500.00	$ 500.00
	SUBTOTAL SURFACE (ITEM 4)			**$ 4,028.00**
ITEM 5 - SHOULDERS				
A. SHAPE SHOULDER & SUBGRADE	530	LF	$ 3.50	$ 1,855.00
B. F & I - 6" LOAM for SHOULDERS	530	LF	$ 2.00	$ 1,060.00
C. FINE GRADE, FERTILIZE & SEED SHOULDERS	530	LF	$ 1.00	$ 530.00
D. SHAPE, LOAM, & SEED SLOPES	2120	SY	$ 0.25	$ 530.00
	SUBTOTAL SHOULDERS (ITEM 5)			**$ 3,975.00**
ITEM 6 - ENGINEERING				
A. F & I - ROAD BOUNDS, INCLUDING LAYOUT & CERTIFICATION	6	EA	$ 350.00	$ 2,100.00
B. PREPARE "AS-BUILT" PLAN & LETTER CERTIFYING WORK	1	LS	$ 4,000.00	$ 4,000.00
C.				$ -
	SUBTOTAL ENGINEERING (ITEM 6)			**$ 6,100.00**

DESCRIPTION	QTY	UNIT	COST/UNIT	TOTAL COST
ITEM 7 - MISCELLANEOUS				
A. STOP SIGN & LINE	1	EA	$ 250.00	$ 250.00
B. EROSION CONTROL	1	LS	$ 1,000.00	$ 1,000.00
C. SIDEWALK: WILLOW STREET - FINAL REPAIRS/CLEANUP	1	LS	$ 1,000.00	$ 1,000.00
D. SIDEWALK: WILLOW STREET - WHEEL-CHAIR RAMP	1	EA	$ 250.00	$ 250.00
	SUBTOTAL MISC. (ITEM 7)			**$ 2,500.00**

SUMMARY

ROAD LENGTH (FOOT)		300
PRICE PER FOOT	$	62.71
TOTAL ITEMS	$	17,103.00
10% CONTINGENCY	$	1,710.30
GRAND TOTAL	$	18,813.30
FINAL BOND AMOUNT SAY....	$	19,000.00