APPENDIX A - ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST

SOUTH ALBANY AIRPORT

CONSTRUCT NEW SNOW REMOVAL EQUIPMENT STORAGE BUILDING

July 31, 2020





DuBois EKing™

ITEM NO.	EP-10	ICTH 2	EL HOLL	JY AIRPOR'	I.			-Milg™
ITEM NO				Mate			bor	
	DESCRIPTION	Units	Quan.	Unit Cost	Subtotal	Unit Cost	Subtotal	Total
Building Site			1	•	•			
-	Excavation for frost wall	CY	200			\$20.00	\$4,000.00	\$4,00
-	Backfill/compact frost wall with underdrain	CY	240	\$18.00	\$4,320.00	\$18.00	\$4,320.00	\$8,64
-	Fine grade for building slab	SF	2900			\$0.75	\$2,175.00	\$2,17
-	Parking lot excavation	CY	115			\$30.00	\$3,450.00	\$3,45
-	Parking lot base and subbase	CY	156	\$12.00	\$1,872.00	\$18.00	\$2,808.00	\$4,68
-	Pave in front of new building (includes saw	Tons	45	\$50.00	\$2,250.00	\$130.00	\$5,850.00	\$8,10
	cut of existing and fine grade)							
-	Striping allowance	LS	1	\$150.00	\$150.00	\$150.00	\$150.00	\$30
-	Fuel Slab with electric supply (no tanks;	LS	1	\$5,000.00	\$5,000.00	\$15,000.00	\$15,000.00	\$20,00
	assumes they will be double wall)							
-	Erosion Control/Unpaved area restoration	LS	1	\$2,000.00	\$2,000.00	\$6,000.00	\$6,000.00	\$8,00
-	Ledge Allowance	CY	50			\$250.00	\$12,500.00	\$12,50
	Sub Total							\$71,84
Building Cons	struction		,					
				Mate			bor	
ITEM NO.	DESCRIPTION	Units	Quan.	Unit Cost	Subtotal	Unit Cost	Subtotal	Total
-	76' X 38' X 16' Eave (2,880 sf) SRE Building	SF	2888	\$60.00	\$173,280.00	\$31.00	\$89,528.00	\$262,80
-	Insulated Sectional OH Door	EA	5	\$3,100.00	\$15,500.00	\$250.00	\$1,250.00	\$16,75
-	FRP Man Door	EA	2	\$1,800.00	\$3,600.00	\$750.00	\$1,500.00	\$5,10
-	Bollard	EA	6	\$100.00	\$600.00	\$50.00	\$300.00	\$90
-	Excavation for Foundations	SF	3111			\$5.00	\$15,555.00	\$15,55
-	Reinforced Concrete Foundation	SF	1200	\$4.00	\$4,800.00	\$4.00	\$4,800.00	\$9,60
-	6" Thick, Reinforced Concrete Floor	SF	3111	\$4.00	\$12,444.00	\$3.00	\$9,333.00	\$21,77
-	Foundation Insulation	SF	2888	\$1.00	\$2,888.00	\$1.00	\$2,888.00	\$5,77
-	Concrete Sealer	SF	2888	\$2.00	\$5,776.00	\$1.50	\$4,332.00	\$10,10
	Sub Total							\$348,37
Mechanical C	onstruction							
.===	D. 5.00 (D. 7.0)		_	Mate			bor	
ITEM NO.	DESCRIPTION	Units	Quan.	Unit Cost	Subtotal	Unit Cost	Subtotal	Total
-	Ventilation	SF	2888	\$10.00	\$28,880.00	\$8.00	\$23,104.00	\$51,98
	Heating	SF	2888	\$12.00	\$34,656.00	\$10.00	\$28,880.00	\$63,53
	Sub Total							\$115,520.0
Electrical Con	istruction	1	1	Mate	wial I		bor	
ITEM NO.	DESCRIPTION	Units	Quan.	Unit Cost	Subtotal	Unit Cost	Subtotal	Total
	7 20 CHIII 11011		_		\$34,656.00	\$8.00		
_	Subnanel Recenticles and Wiring	SF		512.001				\$57.76
<u> </u>	Subpanel, Recepticles and Wiring	SF SF	2888	\$12.00 \$10.00			\$23,104.00	
-	Light Fixtures, Controls and Circuits	SF SF	2888	\$12.00 \$10.00	\$28,880.00	\$7.00	\$23,104.00	\$49,09
	Light Fixtures, Controls and Circuits Sub Total		_					\$49,09
	Light Fixtures, Controls and Circuits Sub Total		_	\$10.00	\$28,880.00	\$7.00		\$49,09
	Light Fixtures, Controls and Circuits Sub Total		_		\$28,880.00	\$7.00	\$20,216.00	\$49,09
Road Reconst	Light Fixtures, Controls and Circuits Sub Total truction	SF	2888	\$10.00 Mate	\$28,880.00	\$7.00 La	\$20,216.00 bor	\$49,09 \$106,85
Road Reconst	Light Fixtures, Controls and Circuits Sub Total truction DESCRIPTION	SF	2888 Quan.	\$10.00 Mate	\$28,880.00	\$7.00 La Unit Cost	\$20,216.00 bor Subtotal	\$49,09 \$106,85 Total \$10,00
Road Reconst ITEM NO. -	Light Fixtures, Controls and Circuits Sub Total truction DESCRIPTION Roadway excavation	Units CY	Quan. 400	\$10.00 Mate Unit Cost	\$28,880.00 Prial Subtotal	\$7.00 La Unit Cost \$25.00	\$20,216.00 bor Subtotal \$10,000.00	\$49,09 \$106,85 Total \$10,00 \$19,50
ITEM NO.	Light Fixtures, Controls and Circuits Sub Total truction DESCRIPTION Roadway excavation Roadway gravel (including placement) Geotextile	Units CY CY	2888 Quan. 400 650	\$10.00 Mate Unit Cost \$15.00	\$28,880.00 Prial Subtotal \$9,750.00	\$7.00 La Unit Cost \$25.00 \$15.00	\$20,216.00 bor Subtotal \$10,000.00 \$9,750.00	\$49,09 \$106,85 Total \$10,00 \$19,50 \$4,20
ITEM NO.	Light Fixtures, Controls and Circuits Sub Total truction DESCRIPTION Roadway excavation Roadway gravel (including placement)	Units CY CY SY	Quan. 400 650 1200	\$10.00 Mate Unit Cost \$15.00 \$1.00	\$28,880.00 Prial Subtotal \$9,750.00 \$1,200.00	\$7.00 La Unit Cost \$25.00 \$15.00 \$2.50	\$20,216.00 bor Subtotal \$10,000.00 \$9,750.00 \$3,000.00	\$49,09 \$106,85 Total \$10,00 \$19,50 \$4,20 \$35,00
ITEM NO.	Light Fixtures, Controls and Circuits Sub Total truction DESCRIPTION Roadway excavation Roadway gravel (including placement) Geotextile 6" underdrain (HDPE)	Units CY CY SY LF	Quan. 400 650 1200 1000	\$10.00 Mate Unit Cost \$15.00 \$15.00 \$15.00	\$28,880.00 erial Subtotal \$9,750.00 \$1,200.00 \$15,000.00	\$7.00 La Unit Cost \$25.00 \$15.00 \$2.50 \$2.00	\$20,216.00 bor Subtotal \$10,000.00 \$9,750.00 \$3,000.00 \$20,000.00	\$49,05 \$106,85 Total \$10,00 \$19,50 \$4,20 \$35,00 \$1,60
ITEM NO.	Light Fixtures, Controls and Circuits Sub Total truction DESCRIPTION Roadway excavation Roadway gravel (including placement) Geotextile 6" underdrain (HDPE) 12" outlet piping (HDPE)	Units CY CY SY LF LF	Quan. 400 650 1200 1000 40	\$10.00 Mate Unit Cost \$15.00 \$1.00 \$15.00 \$15.00	\$28,880.00 erial Subtotal \$9,750.00 \$1,200.00 \$15,000.00 \$600.00	\$7.00 La Unit Cost \$25.00 \$15.00 \$2.50 \$20.00 \$25.00	\$20,216.00 bor Subtotal \$10,000.00 \$9,750.00 \$3,000.00 \$20,000.00 \$1,000.00	\$49,09 \$106,85 Total \$10,00 \$19,50 \$4,20 \$35,00 \$1,60 \$20,00
ITEM NO.	Light Fixtures, Controls and Circuits Sub Total truction DESCRIPTION Roadway excavation Roadway gravel (including placement) Geotextile 6" underdrain (HDPE) 12" outlet piping (HDPE) Catch basins	SF Units CY CY SY LF LF EA	Quan. 400 650 1200 1000 40 4	\$10.00 Mate Unit Cost \$15.00 \$15.00 \$15.00 \$3,500.00	\$28,880.00 Perial Subtotal \$9,750.00 \$1,200.00 \$15,000.00 \$600.00 \$14,000.00	\$7.00 La Unit Cost \$25.00 \$15.00 \$2.50 \$2.50 \$2.50 \$2.50 \$20.00 \$1,500.00	\$20,216.00 Subtotal \$10,000.00 \$9,750.00 \$3,000.00 \$20,000.00 \$1,000.00 \$6,000.00	\$49,09 \$106,85 Total \$10,00 \$19,50 \$4,20 \$35,00 \$1,60 \$20,00 \$31,50
ITEM NO.	Light Fixtures, Controls and Circuits Sub Total Truction DESCRIPTION Roadway excavation Roadway gravel (including placement) Geotextile 6" underdrain (HDPE) 12" outlet piping (HDPE) Catch basins Paving Traffic Control & Erosion Control	Units CY CY SY LF LF EA Tons LS	Quan. 400 650 1200 1000 40 4 175	\$10.00 Mate Unit Cost \$15.00 \$1.00 \$15.00 \$15.00 \$3,500.00 \$50.00 \$2,000.00	\$28,880.00 Prial Subtotal \$9,750.00 \$1,200.00 \$15,000.00 \$600.00 \$44,000.00 \$8,750.00 \$2,000.00	\$7.00 La Unit Cost \$25.00 \$15.00 \$2.50 \$20.00 \$25.00 \$15,00.00 \$1,500.00 \$130.00 \$6,000.00	\$20,216.00 Subtotal \$10,000.00 \$9,750.00 \$3,000.00 \$1,000.00 \$6,000.00 \$22,750.00 \$6,000.00	\$49,09 \$106,85 Total \$10,00 \$19,50 \$4,20 \$35,00 \$1,60 \$20,00 \$31,50 \$8,00
ITEM NO.	Light Fixtures, Controls and Circuits Sub Total truction DESCRIPTION Roadway excavation Roadway gravel (including placement) Geotextile 6" underdrain (HDPE) 12" outlet piping (HDPE) Catch basins Paving Traffic Control & Erosion Control Restoration	Units CY CY SY LF LF EA Tons	Quan. 400 650 1200 1000 40 4 175	\$10.00 Mate Unit Cost \$15.00 \$1.00 \$15.00 \$15.00 \$3,500.00 \$50.00	\$28,880.00 Prial Subtotal \$9,750.00 \$1,200.00 \$15,000.00 \$600.00 \$14,000.00 \$8,750.00	\$7.00 La Unit Cost \$25.00 \$15.00 \$2.50 \$2.50 \$20.00 \$15,00.00 \$130.00 \$6,000.00 \$3,000.00	\$20,216.00 bor Subtotal \$10,000.00 \$9,750.00 \$3,000.00 \$1,000.00 \$6,000.00 \$22,750.00 \$6,000.00 \$3,000.00	\$49,05 \$106,85 Total \$10,00 \$19,50 \$4,20 \$35,00 \$20,00 \$31,50 \$8,00 \$4,00
ITEM NO.	Light Fixtures, Controls and Circuits Sub Total Truction DESCRIPTION Roadway excavation Roadway gravel (including placement) Geotextile 6" underdrain (HDPE) 12" outlet piping (HDPE) Catch basins Paving Traffic Control & Erosion Control	Units CY CY CY LF LF EA Tons LS LS	Quan. 400 650 1200 1000 40 4 175 1	\$10.00 Mate Unit Cost \$15.00 \$1.00 \$15.00 \$15.00 \$3,500.00 \$50.00 \$2,000.00	\$28,880.00 Prial Subtotal \$9,750.00 \$1,200.00 \$15,000.00 \$600.00 \$44,000.00 \$8,750.00 \$2,000.00	\$7.00 La Unit Cost \$25.00 \$15.00 \$2.50 \$20.00 \$25.00 \$15,00.00 \$1,500.00 \$130.00 \$6,000.00	\$20,216.00 Subtotal \$10,000.00 \$9,750.00 \$3,000.00 \$1,000.00 \$6,000.00 \$22,750.00 \$6,000.00	\$49,09 \$106,85 Total \$10,00 \$19,50 \$4,20 \$35,00 \$20,00 \$31,50 \$4,00 \$4,00 \$12,50
ITEM NO.	Light Fixtures, Controls and Circuits Sub Total truction DESCRIPTION Roadway excavation Roadway gravel (including placement) Geotextile 6" underdrain (HDPE) 12" outlet piping (HDPE) Catch basins Paving Traffic Control & Erosion Control Restoration Ledge Allowance Sub Total	Units CY CY CY LF LF EA Tons LS LS	Quan. 400 650 1200 1000 40 4 175 1	\$10.00 Mate Unit Cost \$15.00 \$1.00 \$15.00 \$15.00 \$3,500.00 \$50.00 \$2,000.00	\$28,880.00 Prial Subtotal \$9,750.00 \$1,200.00 \$15,000.00 \$600.00 \$44,000.00 \$8,750.00 \$2,000.00	\$7.00 La Unit Cost \$25.00 \$15.00 \$2.50 \$2.50 \$20.00 \$15,00.00 \$130.00 \$6,000.00 \$3,000.00	\$20,216.00 bor Subtotal \$10,000.00 \$9,750.00 \$3,000.00 \$1,000.00 \$6,000.00 \$22,750.00 \$6,000.00 \$3,000.00	\$49,09 \$106,85 Total \$10,00 \$19,50 \$4,20 \$35,00 \$20,00 \$31,50 \$4,00 \$11,50
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ITEM NO.	Light Fixtures, Controls and Circuits Sub Total Truction DESCRIPTION Roadway excavation Roadway gravel (including placement) Geotextile 6" underdrain (HDPE) 12" outlet piping (HDPE) Catch basins Paving Traffic Control & Erosion Control Restoration Ledge Allowance Sub Total dition Bathroom/Sink	Units CY CY SY LF EA Tons LS CY	Quan. 400 650 1200 1000 40 41 175 1 1 50	\$10.00 Mate Unit Cost \$15.00 \$1.00 \$15.00 \$15.00 \$2,000 \$3,500.00 \$2,000.00 \$1,000.00 \$40.00	\$28,880.00 Prial Subtotal \$9,750.00 \$1,200.00 \$15,000.00 \$600.00 \$44,000.00 \$2,000.00 \$1,000.00 \$1,000.00 \$1,400.00 \$1,400.00	\$7.00 La Unit Cost \$25.00 \$15.00 \$2.50 \$25.00 \$1,500.00 \$1,500.00 \$3,000.00 \$3,000.00 \$3,000.00 \$3,000.00	\$20,216.00 Subtotal \$10,000.00 \$9,750.00 \$3,000.00 \$20,000.00 \$1,000.00 \$6,000.00 \$22,750.00 \$6,000.00 \$12,500.00 \$11,050.00	\$49,09 \$106,85 Total \$10,00 \$19,50 \$4,20 \$35,00 \$20,00 \$31,50 \$4,00 \$1,40 \$1
Road Reconst ITEM NO.	Light Fixtures, Controls and Circuits Sub Total Truction DESCRIPTION Roadway excavation Roadway gravel (including placement) Geotextile 6" underdrain (HDPE) 12" outlet piping (HDPE) Catch basins Paving Traffic Control & Erosion Control Restoration Ledge Allowance Sub Total dition Bathroom/Sink Pump Station (precast, grinder or sim.)	Units CY CY SY LF EA Tons LS CY SF	Quan. 400 650 1200 1000 40 4 175 1 1 50	\$10.00 Mate Unit Cost \$15.00 \$1.00 \$15.00 \$15.00 \$15.00 \$15.00 \$3,500.00 \$50.00 \$50.00 \$2,000.00 \$1,000.00 \$3,600.00	\$28,880.00 Prial Subtotal \$9,750.00 \$1,200.00 \$15,000.00 \$600.00 \$41,000.00 \$2,000.00 \$1,000.00 \$1,000.00 \$3,600.00	\$7.00 La Unit Cost \$25.00 \$15.00 \$2.50 \$20.00 \$25.00 \$15,00.00 \$130.00 \$3,000.00 \$3,000.00 \$3,000.00 \$10,000.00	\$20,216.00 **Subtotal \$10,000.00 \$9,750.00 \$3,000.00 \$20,000.00 \$1,000.00 \$6,000.00 \$6,000.00 \$3,000.00 \$12,500.00 \$1,050.00 \$10,000.00	\$49,09 \$106,85 Total \$10,00 \$19,50 \$4,20 \$35,00 \$1,60 \$20,00 \$31,50 \$4,00 \$12,50 \$146,300.0 \$12,50 \$146,300.0 \$13,60 \$13,60 \$13,60 \$2,45
ITEM NO.	Light Fixtures, Controls and Circuits Sub Total Truction DESCRIPTION Roadway excavation Roadway gravel (including placement) Geotextile 6" underdrain (HDPE) 12" outlet piping (HDPE) Catch basins Paving Traffic Control & Erosion Control Restoration Ledge Allowance Sub Total dition Bathroom/Sink Pump Station (precast, grinder or sim.) 2" Force Main	Units CY CY SY LF EA Tons LS CY SF	Quan. 400 650 1200 1000 40 4 175 1 1 50	\$10.00 Mate Unit Cost \$15.00 \$1.00 \$15.00 \$15.00 \$15.00 \$15.00 \$3,500.00 \$50.00 \$50.00 \$2,000.00 \$1,000.00 \$3,600.00	\$28,880.00 Prial Subtotal \$9,750.00 \$1,200.00 \$15,000.00 \$600.00 \$41,000.00 \$2,000.00 \$1,000.00 \$1,000.00 \$3,600.00	\$7.00 La Unit Cost \$25.00 \$15.00 \$2.50 \$20.00 \$25.00 \$15,00.00 \$130.00 \$3,000.00 \$3,000.00 \$3,000.00 \$10,000.00	\$20,216.00 **Subtotal \$10,000.00 \$9,750.00 \$3,000.00 \$20,000.00 \$1,000.00 \$6,000.00 \$6,000.00 \$3,000.00 \$12,500.00 \$1,050.00 \$10,000.00	\$49,09 \$106,85 Total \$10,00 \$19,50 \$4,20 \$35,00 \$1,60 \$20,00 \$31,50 \$4,00 \$12,50 \$146,300.0 \$2,45 \$13,60 \$5,40
ITEM NO.	Light Fixtures, Controls and Circuits Sub Total truction DESCRIPTION Roadway excavation Roadway gravel (including placement) Geotextile 6" underdrain (HDPE) 12" outlet piping (HDPE) Catch basins Paving Traffic Control & Erosion Control Restoration Ledge Allowance Sub Total dition Bathroom/Sink Pump Station (precast, grinder or sim.) 2" Force Main Sub Total	Units CY CY SY LF EA Tons LS CY SF	Quan. 400 650 1200 1000 40 4 175 1 1 50	\$10.00 Mate Unit Cost \$15.00 \$1.00 \$15.00 \$15.00 \$15.00 \$15.00 \$3,500.00 \$50.00 \$50.00 \$2,000.00 \$1,000.00 \$3,600.00	\$28,880.00 Prial Subtotal \$9,750.00 \$1,200.00 \$15,000.00 \$600.00 \$41,000.00 \$2,000.00 \$1,000.00 \$1,000.00 \$3,600.00	\$7.00 La Unit Cost \$25.00 \$15.00 \$2.50 \$20.00 \$25.00 \$15,00.00 \$130.00 \$3,000.00 \$3,000.00 \$3,000.00 \$10,000.00	\$20,216.00 **Subtotal \$10,000.00 \$9,750.00 \$3,000.00 \$20,000.00 \$1,000.00 \$6,000.00 \$6,000.00 \$3,000.00 \$12,500.00 \$1,050.00 \$10,000.00	\$49,09 \$106,85 Total \$10,00 \$19,50 \$4,20 \$35,00 \$20,00 \$31,50 \$4,00 \$12,50 \$146,300.0 \$2,45 \$13,60 \$2,45 \$13,60
ITEM NO.	Light Fixtures, Controls and Circuits Sub Total truction DESCRIPTION Roadway excavation Roadway gravel (including placement) Geotextile 6" underdrain (HDPE) 12" outlet piping (HDPE) Catch basins Paving Traffic Control & Erosion Control Restoration Ledge Allowance Sub Total dition Bathroom/Sink Pump Station (precast, grinder or sim.) 2" Force Main Sub Total	Units CY CY SY LF LF EA Tons LS CY CY	Quan. 400 650 1200 1000 40 4 175 1 1 50 35 1 150	\$10.00 Mate Unit Cost \$15.00 \$1.00 \$15.00 \$15.00 \$3,500.00 \$50.00 \$2,000.00 \$1,000.00 \$3,600.00 \$66.00	\$28,880.00 Subtotal \$9,750.00 \$1,200.00 \$15,000.00 \$600.00 \$14,000.00 \$2,000.00 \$1,000.00 \$3,750.00 \$2,000.00 \$1,000.00	\$7.00 La Unit Cost \$25.00 \$15.00 \$2.50 \$20.00 \$25.00 \$130.00 \$3,000.00 \$3,000.00 \$30.00 \$30.00 \$30.00	\$20,216.00 Subtotal \$10,000.00 \$9,750.00 \$3,000.00 \$1,000.00 \$6,000.00 \$22,750.00 \$3,000.00 \$1,000.00 \$1,000.00 \$1,050.00 \$1,050.00 \$1,050.00 \$1,050.00 \$1,050.00 \$1,050.00 \$4,500.00	\$49,09 \$106,85 Total \$10,00 \$19,50 \$4,20 \$35,00 \$1,60 \$20,00 \$11,50 \$4,00 \$12,50 \$146,300.0 \$2,45 \$13,60 \$5,40 \$5
ITEM NO.	Light Fixtures, Controls and Circuits Sub Total Truction DESCRIPTION Roadway excavation Roadway gravel (including placement) Geotextile 6" underdrain (HDPE) 12" outlet piping (HDPE) Catch basins Paving Traffic Control & Erosion Control Restoration Ledge Allowance Sub Total dition Bathroom/Sink Pump Station (precast, grinder or sim.) 2" Force Main Sub Total 1 Replacement Septic System (Mound)	Units CY CY SY LF EA Tons LS CY CY LS LS LS LS CY	Quan. 400 650 1200 1000 40 4 175 1 1 50 35 1 150	\$10.00 Mate Unit Cost \$15.00 \$1.00 \$15.00 \$15.00 \$3,500.00 \$50.00 \$2,000.00 \$1,000.00 \$3,600.00 \$66.00	\$28,880.00 Subtotal \$9,750.00 \$1,200.00 \$15,000.00 \$600.00 \$14,000.00 \$2,000.00 \$1,000.00 \$3,750.00 \$2,000.00 \$1,000.00	\$7.00 La Unit Cost \$25.00 \$15.00 \$2.50 \$20.00 \$1,500.00 \$3,000.00 \$3,000.00 \$30.00 \$30.00 \$30.00 \$25.00	\$20,216.00 Subtotal \$10,000.00 \$9,750.00 \$3,000.00 \$1,000.00 \$6,000.00 \$22,750.00 \$3,000.00 \$1,000.00 \$1,000.00 \$1,050.00 \$10,000.00 \$10,000.00 \$10,000.00 \$4,500.00 \$25,000.00	\$49,09 \$106,85 Total \$10,000 \$19,50 \$4,20 \$35,000 \$31,50 \$4,00 \$146,300.0 \$146,300.0 \$2,45 \$13,60 \$5,40 \$21,450.0
ITEM NO.	Light Fixtures, Controls and Circuits Sub Total Truction DESCRIPTION Roadway excavation Roadway gravel (including placement) Geotextile 6" underdrain (HDPE) 12" outlet piping (HDPE) Catch basins Paving Traffic Control & Erosion Control Restoration Ledge Allowance Sub Total dition Bathroom/Sink Pump Station (precast, grinder or sim.) 2" Force Main Sub Total Replacement Septic System (Mound) Removal and Disposal of Existing Field	Units CY CY SY LF EA Tons LS CY CY LS LS LS LS CY	Quan. 400 650 1200 1000 40 4 175 1 1 50 35 1 150	\$10.00 Mate Unit Cost \$15.00 \$1.00 \$15.00 \$15.00 \$3,500.00 \$50.00 \$2,000.00 \$1,000.00 \$3,600.00 \$66.00	\$28,880.00 Subtotal \$9,750.00 \$1,200.00 \$15,000.00 \$600.00 \$14,000.00 \$2,000.00 \$1,000.00 \$3,750.00 \$2,000.00 \$1,000.00	\$7.00 La Unit Cost \$25.00 \$15.00 \$2.50 \$20.00 \$1,500.00 \$3,000.00 \$3,000.00 \$30.00 \$30.00 \$30.00 \$25.00	\$20,216.00 Subtotal \$10,000.00 \$9,750.00 \$3,000.00 \$20,000.00 \$1,000.00 \$6,000.00 \$22,750.00 \$6,000.00 \$12,500.00 \$11,050.00 \$10,000.00 \$4,500.00 \$56,000.00	\$49,09 \$106,85 Total \$10,00 \$19,50 \$4,20 \$35,00 \$1,60 \$20,00 \$31,50 \$4,00 \$14,630.0 \$14,630.0 \$2,45 \$13,60 \$5,40 \$21,450.0 \$30,00 \$30
ITEM NO.	Light Fixtures, Controls and Circuits Sub Total Truction DESCRIPTION Roadway excavation Roadway gravel (including placement) Geotextile 6" underdrain (HDPE) 12" outlet piping (HDPE) Catch basins Paving Traffic Control & Erosion Control Restoration Ledge Allowance Sub Total dition Bathroom/Sink Pump Station (precast, grinder or sim.) 2" Force Main Sub Total Replacement Septic System (Mound) Removal and Disposal of Existing Field	Units CY CY SY LF EA Tons LS CY CY LS LS LS LS CY	Quan. 400 650 1200 1000 40 4 175 1 1 50 35 1 150	\$10.00 Mate Unit Cost \$15.00 \$1.00 \$15.00 \$15.00 \$3,500.00 \$50.00 \$2,000.00 \$1,000.00 \$3,600.00 \$66.00	\$28,880.00 Prial Subtotal \$9,750.00 \$1,200.00 \$15,000.00 \$600.00 \$14,000.00 \$2,000.00 \$1,000.00 \$3,600.00 \$3,600.00 \$3,600.00 \$900.00	\$7.00 La Unit Cost \$25.00 \$15.00 \$2.50 \$15.00 \$15.00 \$130.00 \$130.00 \$3,000.00 \$30.00 \$30.00 \$10,000.00 \$10,000.00 \$10,000.00	\$20,216.00 Subtotal \$10,000.00 \$9,750.00 \$3,000.00 \$1,000.00 \$6,000.00 \$6,000.00 \$12,500.00 \$11,050.00 \$11,050.00 \$10,000.00 \$4,500.00 \$25,000.00 \$25,000.00 \$10,000.00	\$49,09 \$106,85 Total \$10,00 \$19,50 \$4,20 \$35,00 \$31,50 \$4,00 \$12,50 \$146,300.0 \$12,50 \$13,60 \$2,45 \$13,60 \$2,45 \$13,60 \$2,45 \$13,60 \$30,00 \$40,00 \$4
ITEM NO.	Light Fixtures, Controls and Circuits Sub Total Truction DESCRIPTION Roadway excavation Roadway gravel (including placement) Geotextile 6" underdrain (HDPE) 12" outlet piping (HDPE) Catch basins Paving Traffic Control & Erosion Control Restoration Ledge Allowance Sub Total dition Bathroom/Sink Pump Station (precast, grinder or sim.) 2" Force Main Sub Total Replacement Septic System (Mound) Removal and Disposal of Existing Field	Units CY CY SY LF EA Tons LS CY CY LS LS LS LS CY	Quan. 400 650 1200 1000 40 4 175 1 1 50 35 1 150	\$10.00 Mate Unit Cost \$15.00 \$1.00 \$15.00 \$15.00 \$3,500.00 \$50.00 \$2,000.00 \$1,000.00 \$3,600.00 \$66.00	\$28,880.00 Prial Subtotal \$9,750.00 \$1,200.00 \$15,000.00 \$600.00 \$14,000.00 \$2,000.00 \$1,000.00 \$3,600.00 \$3,600.00 \$3,600.00 \$900.00	\$7.00 La Unit Cost \$25.00 \$15.00 \$2.50 \$25.00 \$15.00.00 \$130.00 \$3,000.00 \$3,000.00 \$30.00 \$30.00 \$15,000.00 \$15,000.00 \$15,000.00 \$15,000.00	\$20,216.00 \$20,216.00 \$10,000.00 \$9,750.00 \$3,000.00 \$20,000.00 \$1,000.00 \$6,000.00 \$6,000.00 \$12,500.00 \$10,000.00 \$4,500.00 \$4,500.00 \$25,000.00 \$25,000.00 \$25,000.00 \$25,000.00 \$25,000.00 \$25,000.00 \$26,000.00	\$49,09 \$106,85 Total \$10,00 \$19,50 \$35,00 \$31,50 \$20,00 \$11,50 \$4,00 \$12,50 \$146,300.0 \$21,450.0 \$21,450.0 \$36,00 \$36,00 \$36,00 \$36,00 \$35,00 \$36,00
Road Reconst ITEM NO.	Light Fixtures, Controls and Circuits Sub Total Truction DESCRIPTION Roadway excavation Roadway gravel (including placement) Geotextile 6" underdrain (HDPE) 12" outlet piping (HDPE) Catch basins Paving Traffic Control & Erosion Control Restoration Ledge Allowance Sub Total dition Bathroom/Sink Pump Station (precast, grinder or sim.) 2" Force Main Sub Total Replacement Septic System (Mound) Removal and Disposal of Existing Field	Units CY CY SY LF EA Tons LS CY CY LS LS LS LS CY	Quan. 400 650 1200 1000 40 4 175 1 1 50 35 1 150	\$10.00 Mate Unit Cost \$15.00 \$1.00 \$15.00 \$15.00 \$3,500.00 \$50.00 \$2,000.00 \$1,000.00 \$3,600.00 \$66.00	\$28,880.00 Prial Subtotal \$9,750.00 \$1,200.00 \$15,000.00 \$600.00 \$14,000.00 \$2,000.00 \$1,000.00 \$3,600.00 \$3,600.00 \$3,600.00 \$900.00	\$7.00 La Unit Cost \$25.00 \$15.00 \$2.50 \$15.00 \$15.00 \$130.00 \$130.00 \$3,000.00 \$30.00 \$30.00 \$10,000.00 \$10,000.00 \$10,000.00	\$20,216.00 Subtotal \$10,000.00 \$9,750.00 \$3,000.00 \$1,000.00 \$22,750.00 \$1,000.00 \$1,	\$10,00 \$19,50 \$4,20 \$35,00 \$1,60 \$20,00 \$31,50 \$8,00 \$12,50 \$146,300.0 \$2,45 \$13,60 \$5,40 \$21,450.0
ITEM NO.	Light Fixtures, Controls and Circuits Sub Total Truction DESCRIPTION Roadway excavation Roadway gravel (including placement) Geotextile 6" underdrain (HDPE) 12" outlet piping (HDPE) Catch basins Paving Traffic Control & Erosion Control Restoration Ledge Allowance Sub Total dition Bathroom/Sink Pump Station (precast, grinder or sim.) 2" Force Main Sub Total Replacement Septic System (Mound) Removal and Disposal of Existing Field	Units CY CY SY LF EA Tons LS CY CY LS LS LS LS CY	Quan. 400 650 1200 1000 40 4 175 1 1 50 35 1 150	\$10.00 Mate Unit Cost \$15.00 \$1.00 \$15.00 \$15.00 \$3,500.00 \$50.00 \$2,000.00 \$1,000.00 \$3,600.00 \$66.00	\$28,880.00 Prial Subtotal \$9,750.00 \$1,200.00 \$15,000.00 \$600.00 \$14,000.00 \$2,000.00 \$1,000.00 \$3,600.00 \$3,600.00 \$3,600.00 \$900.00	\$7.00 La Unit Cost \$25.00 \$15.00 \$2.50 \$1,500.00 \$1,500.00 \$3,000.00 \$3,000.00 \$3,000.00 \$10,000.00 \$30.00 \$10,00	\$20,216.00 \$20,216.00 \$10,000.00 \$10,000.00 \$20,000.00 \$20,000.00 \$21,000.00 \$22,750.00 \$6,000.00 \$1,050.00 \$1,050.00 \$1,050.00 \$1,050.00 \$25,000.00	\$49,09 \$106,85 Total \$10,00 \$19,50 \$4,20 \$35,00 \$1,60 \$20,00 \$31,50 \$4,00 \$12,50 \$146,300,0 \$12,50 \$13,60 \$21,450,0 \$36,00 \$36,00 USE \$850,00 \$68,00 \$115,00
ITEM NO.	Light Fixtures, Controls and Circuits Sub Total Truction DESCRIPTION Roadway excavation Roadway gravel (including placement) Geotextile 6" underdrain (HDPE) 12" outlet piping (HDPE) Catch basins Paving Traffic Control & Erosion Control Restoration Ledge Allowance Sub Total dition Bathroom/Sink Pump Station (precast, grinder or sim.) 2" Force Main Sub Total Replacement Septic System (Mound) Removal and Disposal of Existing Field	Units CY CY SY LF EA Tons LS CY CY LS LS LS LS CY	Quan. 400 650 1200 1000 40 4 175 1 1 50 35 1 150	\$10.00 Mate Unit Cost \$15.00 \$1.00 \$15.00 \$15.00 \$3,500.00 \$50.00 \$2,000.00 \$1,000.00 \$3,600.00 \$66.00	\$28,880.00 Prial Subtotal \$9,750.00 \$1,200.00 \$15,000.00 \$600.00 \$14,000.00 \$2,000.00 \$1,000.00 \$3,600.00 \$3,600.00 \$3,600.00 \$900.00	\$7.00 La Unit Cost \$25.00 \$15.00 \$2.50 \$2.50 \$1,500.00 \$1,500.00 \$3,000.00 \$3,000.00 \$30.00 \$10,000.00 \$30.00 \$10,000.00 \$1	\$20,216.00 Subtotal \$10,000.00 \$9,750.00 \$3,000.00 \$20,000.00 \$6,000.00 \$22,750.00 \$6,000.00 \$1,050.00 \$10,000.00 \$1,000.00 \$1,000.00 \$4,500.00 \$25,000.00 \$6,000.00 \$6,000.00 \$25,000.00 \$6,000.00	\$49,09 \$106,85 Total \$10,00 \$19,50 \$4,20 \$35,00 \$31,50 \$8,00 \$12,50 \$146,300.0 \$21,450.0 \$33,000 \$5,000 \$36,000 \$36,000 \$48,000 \$36,000