Churchman's Crossing Plan Update

Appendix F

Cost Estimates







Cost Estimates Included in Appendix F

Recommended Projects

• S: Churchman's Road Extended, SR 2 to SR 4

• U: SR 273 3rd Lane NB & SB between SR 1 and I-95

• W: SR 7 Intersections

• X: SB I-95 Access from Continental Drive

• Y: SB SR 1 to SB I-95 Connection

• Z: SB SR 1 to NB I-95 Connection

• GG: Christiana Bypass

• HH: Eagle Run Road Connector to Samoset Drive

• JJ: Opening Samoset Drive to Continental Drive

• KK: Telegraph and St James Road Railroad Underpass

Not Recommended Projects

• V: NB I-95 Ramp to Chapman Road

• AA: NB I-95 Ramp from Churchman's Road

• BB: SB I-95 Ramp from Churchman's Road

• CC: Christiana Mall Access Road – Bus Only

• DD: Christiana Mall Road A Extension – East

• II: Brownleaf Road Extension

Note: Estimates do not include costs for design or right-of-way

Churchman's Crossing
Preliminary Cost Estimate - Churchman's Road Extended, SR 2 to SR 4

o. Base: 2 - 3				SECTION					Locath	Width	Co Et	
2 - 3	2"	Superpave, Typ	e C, 160 G	yrations, PG (64-22 (carb	onate stone) (101029) Tons		Length 8,852	Width 85	Sq Ft 752,420	
3 - 5	3"	Superpave, Typ	e B, 160 G	yrations, PG 6	64-22 (4010	130) Tons						
	5"	Superpave, Bitu	ıminous Co	ncrete Base C	Course, 160	Gyrations, PG	64-22 (40103	11) Tons				
Subbase:	R	inches of Grade	d Aggregat	e Base Cours	e Type B F	atching (301)	(12) CY					
,		moneo di Olade	a riggioga.	o base coars	с, турс Б т	atoming (oo re	02) 01				NO % Contigency	Contingency 30
. GRADING	See Earthw	ork Summary S	heet								\$1,732,044	\$2,251,65
b. E	Excavation Borrow	55,735 2,000	CY @	\$30.00 \$30.00	=				T. (1)	\$1,672,044 \$60,000	\$4.700.044	\$2,173,65 \$78,00
. DRAINAG		oughly 2' of fill in	raised on-g	grade sections	3				Total		\$1,732,044 \$2,947,820	\$2,251,65 \$3,832,16
. DRAINAG	20	(Percentage of	1 385)							\$2,347,820	\$2,947,020	\$3,052,16
Stormwater Ma		(i diddilage of	6	EA			\$100,000.00	per EA =	Total	\$600,000	\$2,947,820	\$780,00 \$3,832,16
. PAVEMEN											\$7,074,968	\$9,197,45
	752,420 0	sf / 9 = sf / 9 =	83,602 0	SY SY	Say Say	83,700 0	SY	Full Depth F Mill and Ove				
. Surface:	83,700	SY Div. by	8 80	sy/ton =	9,511	Ton,Times	\$140.00	per Ton =		\$1.331.591		
(1a)	0	SY Div. by	8.80	sy/ton =	0	Ton,Times	\$140.00	per Ton =	Total	\$0	\$1,331,591	\$1,731,06
o. Base:												
(2)		SY Div. by SY Div. by	5.79 3.52	sy/ton = sy/ton =	14,456 23,778	Ton,Times Ton,Times	\$130.00 \$100.00	per Ton = per Ton =	Total	\$1,879,275 \$2,377,841	*******	45 504 05
:. Subbase: (4)	752,420	SF times	0.666667	ft /27cf/cy =	18,578	CY. Times	\$80.00	per CY =	I otal	\$1,486,262	\$4,257,116	\$5,534,25
(4)	702,420	Or amos	0.000001	11727000y =	10,070	01, 111100	\$00.00	pu o i =	Total	\$1,400,E0E	\$1,486,262	\$1,932,14
. EROSION	I / SEDIME	ENT CONTRO									\$0	\$
		Included in Dra	inage							\$0		
6" Curb & G		22)	17.701	16			670.0-	ner! F		\$1,239,280	\$2,932,088	\$3,811,71
. 6" Curb & G . Hot-Mix SUF . Guardrail	outer (7010 P (8' wide)	44)	17,704 88,520 700	LF SF LF			\$70.00 \$8.00 \$32.00	per LF = per SF = per LF =		\$1,239,280 \$708,160 \$22,400		\$1,611,06 \$920,60 \$29,12
. CPM Sched . Clearing/Gru	lule ubbing (201	000)	1	LS LS			\$32.00	per Li =		\$10,000 \$40.000		\$13,00 \$52.00
Field Office . Milling (7600		,	0	LS SY * 2" =	0	SY-IN.Times	\$1.00	per SY-IN =	:	\$40,000 \$0 \$0		\$52,00
. Fencing (XX Vehicular Ga	(XXXX)	X)	0	LF Each	,	a, miles	\$1.00 \$180.00 \$5,000.00	per LF = per Each =		\$0 \$0		
Sawcutting (7 . PCC Remov	762000)		17,704 6,393	LF SY			\$5.00 \$5.00 \$25.00	per LF = per SY =		\$88,520 \$159,828		\$115,07 \$207.77
. Underdrain (7 n. 4" Sidewalk	709001)	,	0	LF SF			\$20.00 \$15.00	per LF = per SF =		\$0 \$663.900		\$863,07
II. 4 Oldewalk	`		44,200	01			\$13.00	per or =	Total	\$000,500	\$2,932,088	\$3,811,71
3. STRUCTU	JRE CONS	STRUCTION									\$20,079,750	\$22,087,72
New White	Clay Creek	and Amtrak Brid	lges									
	(LF) times	85	(width) =	29,750	SF		\$361.00	per SF =		########	plus 10%=	\$11,813,72
. Old structure . Retaining W		r Block) (607010)) (height) =	6,800	SF		\$50.00	per SF =		\$500,000 \$340,000	plus 10%=	\$550,00 \$374,00
		(Assume 1' buri			or .		\$250.00	per SF =		\$8.500.000	plus 10%=	
I. CSX Underp	oass		34,000	SF			\$250.00	per SF =	Total	\$8,500,000 _	\$20,079,750	\$9,350,00 \$22,087,72
. LANDSCA	APING										\$586,955	\$763,04
. Topsoil / See . Plantings	ed / Mulch		5									
			0	(Percentage	of 1,3&5)		\$400.00	per FA =		\$586,955 \$0		
				(Percentage	of 1,3&5)		\$400.00	per EA =	Total	\$586,955 \$0	\$586 955	
	ANCE OF	TRAFFIC (inc	0				\$400.00	per EA =	Total		\$586,955 \$2,347,820	\$763,04
	ANCE OF	TRAFFIC (inc	0 luding ten				\$400.00	per EA =	Total		\$586,955 \$2,347,820	\$763,04
D. MAINTEN	20	(Percentage of	0 luding ten				\$400.00	per EA =	Total	\$0	,	\$763,04 \$3,052,16
D. MAINTEN. E. PROJECT Signing Stru	20 TRAFFIC	(Percentage of	0 luding ten						Total	\$0 \$2,347,820 \$0	\$2,347,820	\$763,04 \$3,052,16 \$451,46
D. MAINTEN. E. PROJECT Signing Stru Path Lighting	TRAFFIC actures g	(Percentage of	0 luding ten		ins)		\$400.00 \$7,500.00		Total	\$2,347,820	\$2,347,820	\$763,04 \$763,04 \$3,052,16 \$451,46 \$ \$146,25 \$305,21
PROJECT Signing Stru Path Lightin, Pavement M	TRAFFIC actures g	(Percentage of	0 luding ten 1,3&5)	nporary tie-	ins)			per EA =	Total	\$0 \$2,347,820 \$0 \$112,500	\$2,347,820	\$763,04 \$3,052,16 \$451,46 \$ \$146,25
. PROJECT Signing Stru Path Lightin, Pavement M	TRAFFIC TRAFFIC actures g farkings	(Percentage of	0 luding ten 1,3&5)	nporary tie-	ins)		\$7,500.00	per EA =		\$0 \$2,347,820 \$0 \$112,500 \$234,782	\$2,347,820 \$347,282	\$763,04 \$3,052,16 \$451,46 \$146,25 \$305,25 \$451,46
. PROJECT Signing Stru Path Lightin, Pavement M	TRAFFIC uctures g Markings	(Percentage of	0 luding ten 1,3&5)	nporary tie-	ins)	Ac., Times	\$7,500.00	per EA =		\$0 \$2,347,820 \$0 \$112,500 \$234,782	\$2,347,820 \$347,282 \$347,282	\$763,0 \$3,052,16 \$451,46 \$146,2 \$305,2 \$451,41
D. MAINTEN. E. PROJECT. Signing Stru. Path Lightin. Pavement M. XXXXX.	TRAFFIC octures g darkings	(Percentage of	0	nporary tie-	of 1,3&5)	Ac., Times	\$7,500.00	per EA =		\$0 \$2,347,820 \$0 \$112,500 \$234,782 \$0	\$2,347,820 \$347,282 \$347,282	\$763,04 \$3,052,16 \$451,46 \$146,25 \$306,27 \$451,46
E. PROJECT Signing Stru Path Lightin Pavement M XXXXXX WETLAND	TRAFFIC CONTROL CON	(Percentage of FITEMS	0	nporary tie-	of 1,3&5)	Ac., Times	\$7,500.00	per EA =		\$2,347,820 \$2,347,820 \$112,500 \$234,782 \$0	\$2,347,820 \$347,282 \$347,282 \$347,282	\$763,04 \$3,052,16 \$451,46 \$451,46,24 \$305,21 \$451,44 \$ \$2,289,12
D. MAINTEN. E. PROJECT Signing Strut. Path Lightin. Pavement M. XXXXX E. WETLAND	20 TRAFFIC Inctures g Markings D MITIGAT 0.0 RELOCATI	(Percentage of FITEMS	0	nporary tie-	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$0 \$2,347,820 \$0 \$112,500 \$234,782 \$0	\$2,347,820 \$347,282 \$347,282 \$0 \$1,760,865	\$763,04 \$3,052,16 \$451,46 \$146,22 \$305,2; \$451,44 \$ \$2,289,12 \$2,289,12
PROJECT Signing Strut Path Lightin, Pawement M XXXXX WETLAND JUILITY R Delmarva El Verizon	20 TRAFFIC Inctures g Markings D MITIGAT 0.0 RELOCATI	(Percentage of FITEMS	0 luding ter 1,3&5) 15 2 0	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =		\$2,347,820 \$2,347,820 \$112,500 \$234,782 \$0 \$0	\$2,347,820 \$347,282 \$347,282 \$347,282	\$763,0 \$3,052,16 \$451,46 \$146,24 \$305,2 \$451,44 \$ \$2,289,12
. MAINTEN PROJECT . Signing Stru . Path Lightin Pavement M . XXXXX . WETLAND . UTILITY R . Delmarva El Verizon . Other Relocu	20 TRAFFIC actures g Markings D MITIGAT 0.0 RELOCAT	(Percentage of FITEMS	0 luding ter 1,3&5) 15 2 0	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$2,347,820 \$2,347,820 \$112,500 \$234,782 \$0 \$0	\$2,347,820 \$347,282 \$347,282 \$0 \$1,760,865	\$763,0-5 \$3,052,16 \$451,46 \$146,21 \$146,21 \$306,2 \$451,44 \$ \$2,289,12 \$2,289,12
. MAINTEN PROJECT Signing Stru . Path Lightin, Pawement M .XXXX . WETLAND . UTILITY R . Delmarva El Verizon Other Reloci	20 TRAFFIC Juctures 9 Itarkings D MITIGAT 0.0 RELOCATI dectric ations	(Percentage of ITEMS ION Acres times IONS IN CONT	0 luding ter 1,3&5) 15 2 0	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$2,347,820 \$2,347,820 \$112,500 \$234,782 \$0 \$0	\$2,347,820 \$347,282 \$347,282 \$0 \$1,760,865	\$763,045 \$3,052,16 \$451,46 \$146,24 \$305,21 \$451,44 \$ \$2,289,12 \$2,289,12 \$2,289,12 \$2,289,12 \$2,289,12
. MAINTEN PROJECT Signing Stru . Path Lightin, Pawement M .XXXX . WETLAND . UTILITY R . Delmarva El Verizon Other Reloci	20 TRAFFIC Juctures 9 Itarkings D MITIGAT 0.0 RELOCATI dectric ations	(Percentage of ITEMS ION Acres times IONS IN CONT	0 studing ter 1,3&5) 15 2 0 1 TRACT	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$2,347,820 \$2,347,820 \$112,500 \$234,782 \$0 \$0	\$2,347,820 \$347,282 \$347,282 \$0 \$1,760,865 \$1,760,865	\$763,0.52,16 \$3,052,16 \$451,46 \$451,46 \$146,21 \$305,2.2 \$305,2.2 \$451,44 \$3 \$2,289,12 \$2,289,12 \$2,289,17 \$3,57,736,52
. PROJECT Signing Stru Path Lightin, Pawement M XXXXX . WETLAND . UTILITY R Delmarva El Verizon Other Reloc: . SUBTOTA MISCELLA	20 TRAFFIC uctures g Markings D MITIGAT 0.0 RELOCAT	(Percentage of ITEMS ION Acres times IONS IN CONT	0 luding ter 1,385) 15 2 0 1 1 RACT 15	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$2,347,820 \$2,347,820 \$112,500 \$234,782 \$0 \$0	\$2,347,820 \$347,282 \$347,282 \$0 \$1,760,865 \$1,760,865 \$35,809,593 \$7,961,919	\$763,0.52,76 \$3,052,76 \$451,46 \$451,46 \$146,21 \$305,2 \$451,41 \$2,289,12 \$2,289,12 \$2,289,17 \$3,289,17 \$3,289,17
. MAINTEN. PROJECT Signing Stru Path Lightin Pawement M XXXXX WETLAND UTILITY R Delmarva El Verizon Other Reloc: . SUBTOTA MISCELLA	20 TRAFFIC uctures g Markings D MITIGAT 0.0 RELOCAT	(Percentage of ITEMS ION Acres times IONS IN CONT	1,385) 15 2 0 1 1 1 TRACT 15 N ENGINE	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$2,347,820 \$2,347,820 \$112,500 \$234,782 \$0 \$0	\$2,347,820 \$347,282 \$347,282 \$0 \$1,760,865 \$1,760,865 \$1,760,865 \$39,809,593 \$7,961,919 \$7,961,919	\$763,0.52,16 \$3,052,16 \$451,46 \$451,46 \$146,21 \$305,2 \$305,2 \$32,289,12 \$2,289,12 \$2,289,1 \$41,736,51 \$3,547,34 \$3,9,547,31
. MAINTEN. PROJECT Signing Stru Path Lightin Path Lightin XXXXX WETLAND . UTILITY R Defmarva El Verizon Other Reloci . SUBTOTA MISCELLA CONTRAC	TRAFFIC DICTURES OMITIGAT O.O RELOCATI LICEUTE ALL INEOUS IT 20 STOR'S CO 3	(Percentage of ITEMS ION Acres times IONS IN CONT	1,385) 15 2 0 1 1 1 TRACT 15 N ENGINE	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$2,347,820 \$2,347,820 \$112,500 \$234,782 \$0 \$0	\$2,347,820 \$347,282 \$347,282 \$0 \$1,760,865 \$1,760,865 \$35,809,593 \$7,961,919 \$7,961,919 \$1,194,288	\$763,0.52,76 \$3,052,76 \$451,46 \$451,46 \$146,21 \$305,2 \$451,41 \$2,289,12 \$2,289,12 \$2,289,12 \$3,289,13 \$3,289,13 \$3,289,13 \$3,289,13 \$3,289,13 \$3,289,13
PROJECT Signing Stru Path Lightin Path Lightin Path Lightin XXXXX WETLAND UTILITY R Delmarva El Verizon Other Reloci SUBTOTA MISCELLA CONTRAC	TRAFFIC DICTURES OMITIGAT O.O RELOCATI LICEUTE ALL INEOUS IT 20 STOR'S CO 3	(Percentage of ITEMS ION Acres times IONS IN CONT	0	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$2,347,820 \$2,347,820 \$112,500 \$234,782 \$0 \$0	\$2,347,820 \$347,282 \$347,282 \$0 \$1,760,865 \$1,760,865 \$1,760,865 \$39,809,593 \$7,961,919 \$7,961,919 \$1,194,288 \$1,194,288	\$763,0 \$3,052,10 \$451,44 \$146,2 \$305,2 \$451,4 \$ \$2,289,1 \$2,289,1 \$2,289,1 \$4,7,736,5; \$9,547,3 \$1,432,0 \$1,432,0
PROJECT PROJECT Signing Structure Part Lighting Part Lighting WETLAND UTILITY R Delmara El SUBTOTA SUBTOTA CONTRAC CONTRAC	20 27 TRAFFIC Unchures 9 9 Markings 0.0 MITIGAT 0.0 MITIGAT 20 CTOR'S Ci 3 3 XPENSE 3	(Percentage of ITEMS ION Acres times IONS IN CONT IEMS (Percentage of IONSTRUCTIO	0 0 0 0 0 1.385) 15 2 0 1 1 1FRACT 15 H) N ENGINE	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$2,347,820 \$2,347,820 \$112,500 \$234,782 \$0 \$0	\$2,347,820 \$347,282 \$347,282 \$0 \$1,760,865 \$1,760,865 \$35,809,593 \$7,961,919 \$7,961,919 \$1,194,288 \$1,194,288	\$763,0 \$3,052,14 \$451,44 \$146,2 \$305,2 \$451,4 \$2,289,1 \$2,289,1 \$2,289,1 \$3,289,1 \$47,736,5; \$9,547,3 \$1,432,0 \$1,432,0 \$1,432,0 \$1,432,0 \$1,432,0
. MAINTEN. PROJECT Signing Stru Path Lightin Path Lightin XXXXX WETLAND . UTILITY R Delmarva El Verizon Other Reloci . SUBTOTA MISCELLA CONTRAC	20 27 TRAFFIC Unchures 9 9 Markings 0.0 MITIGAT 0.0 MITIGAT 20 CTOR'S Ci 3 3 XPENSE 3	(Percentage of ITEMS ION Acres times IONS IN CONT IEMS (Percentage of ICENTER OF ITEMS	0 duding ter 1,385) 15 2 0 1 1 1 15 1 15 1 15 1 16 1 17 1 17 1 17	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$2,347,820 \$2,347,820 \$112,500 \$234,782 \$0 \$0	\$2,347,820 \$347,282 \$347,282 \$0 \$1,760,865 \$1,760,865 \$1,760,865 \$39,809,593 \$7,961,919 \$7,961,919 \$1,194,288 \$1,194,288 \$1,194,288	\$763,0.5 \$3,052,76 \$451,46 \$146,21 \$305,2 \$451,41 \$2,289,12 \$2,289,12 \$2,289,12 \$4,7,736,52 \$1,432,01 \$1,432,01 \$1,432,01 \$1,432,01 \$1,432,01 \$1,432,01 \$1,432,01 \$1,432,01
. MAINTEN. PROJECT Signing Stru Path Lightin Path Lightin WINTEN WETLAND UTILITY R Delmarva El Verizon Other Reloci SUBTOTA MISCELLA CONTRAC	20 TTRAFFIC OUTTRAFFIC OUTTR	(Percentage of ITEMS ION Acres times IONS IN CONT FEMS (Percentage of ONSTRUCTIO (Percentage of ONTINGENCY)	0 1.385) 15 2 0 1 17 17 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$2,347,820 \$2,347,820 \$112,500 \$234,782 \$0 \$0	\$2,347,820 \$347,282 \$347,282 \$0 \$1,760,865 \$1,760,865 \$35,809,593 \$7,961,919 \$1,194,288 \$1,194,288 \$1,194,288 \$1,194,288 \$1,194,288	\$763,0 \$3,052,16 \$451,46 \$146,2 \$305,2 \$451,4 \$2,289,1 \$2,289,1 \$2,289,1 \$4,7736,5; \$1,432,0 \$1,432,0 \$1,432,0 \$4,773,6;
. MAINTEN. PROJECT Signing Strut Path Lightin Pavement M XXXXX WETLAND UTILITY R Delmana El Verizon Other Reloci SUBTOTA MISCELLA CONTRAC	20 TTRAFFIC STAFFIC ST	(Percentage of ITEMS ION Acres times IONS IN CONT FEMS (Percentage of ONSTRUCTIO (Percentage of ONTINGENCY (Percentage of ONTINGENCY	0 1.385) 15 2 0 1 17 17 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$2,347,820 \$2,347,820 \$112,500 \$234,782 \$0 \$0	\$2,347,820 \$347,282 \$347,282 \$0 \$1,760,865 \$1,760,865 \$1,760,865 \$39,809,593 \$7,961,919 \$1,194,288 \$1,194,288 \$1,194,288 \$1,194,288 \$3,980,959 \$3,980,959	\$763,0 \$3,052,16 \$451,46.2 \$305.2 \$451.4 \$2,289,12 \$2,289,1 \$2,289,1 \$3,289,1 \$4,7736,5; \$1,432,0 \$1,432,0 \$1,432,0 \$4,773,6; \$4,773,6;
. MAINTEN. PROJECT Signing Strut Path Lightin Pavement M XXXXX WETLAND UTILITY R Delmana El Verizon Other Reloci SUBTOTA MISCELLA CONTRAC	20 TTRAFFIC STAFFIC ST	(Percentage of ITEMS ION Acres times IONS IN CONT (Percentage of IONSTRUCTIO (PERCENTAGE of IONSTRU	0 1.385) 15 2 0 1 17 17 17 15 H) H) H) H) (H thru L)	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$2,347,820 \$2,347,820 \$112,500 \$234,782 \$0 \$0	\$2,347,820 \$347,282 \$347,282 \$0 \$1,760,865 \$1,760,865 \$1,760,865 \$39,809,593 \$7,961,919 \$7,961,919 \$1,194,288 \$1,194,288 \$1,194,288 \$3,980,959 \$3,980,959 \$3,980,959	\$763,0 \$3,052,16 \$451,46.2 \$305.2 \$451,4 \$1,46.2 \$305.2 \$451,4 \$2,289,1 \$2,289,1 \$2,289,1 \$2,289,1 \$1,432,0 \$1,432,0 \$1,432,0 \$4,773,6 \$4,
. MAINTEN. PROJECT Signing Strut Path Lightin Pavement M XXXXX WETLAND UTILITY R Delmarva El Verizon Other Reloci SUBTOTA MISCELLA CONTRAC . INITIAL E) . CONSTRU	20 TTRAFFIC TTRAFFIC S S S S S S S S S S S S S S S S S S S	(Percentage of ITEMS ION Acres times IONS IN CONT FEMS (Percentage of ONSTRUCTIO (Percentage of ONTINGENCY)	0 0 0 0 0 11,385) 15 2 0 1 17RACT 15 15 11 11 11 11 11 11 11 11 11 11 11	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$2,347,820 \$2,347,820 \$112,500 \$234,782 \$0 \$0	\$2,347,820 \$347,282 \$347,282 \$0 \$1,760,865 \$1,760,865 \$1,760,865 \$39,809,593 \$7,961,919 \$1,194,288 \$1,194,288 \$1,194,288 \$1,194,288 \$1,194,286 \$1,19	\$763,0 \$3,052,16 \$451,46.2 \$305.2 \$451.4 \$2,289,12 \$2,289,12 \$2,289,1 \$2,289,1 \$1,432,0 \$1,432,0 \$1,432,0 \$4,773,6; \$4,773,6; \$1,432,0 \$1,
MAINTEN. PROJECT Signing Strut Preth Lightin Pavement M XXXXX WETLAND UTILITY R Delmarva EI Verizon Other Reloci SUBTOTA CONSTRU TOTAL CO	20 TTRAFFIC	(Percentage of ITEMS ION Acres times IONS IN CONT IEMS (Percentage of ONSTRUCTIO (Percentage of ONTINGENCY (Percentage	0 luding ter 15 2 0 1 17 17 15 15 11 11 11 11 11	(Percentage	0.0 of 1.385)	Ac., Times	\$7,500.00	per EA =	Total	\$2,347,820 \$2,347,820 \$112,500 \$234,782 \$0 \$0	\$2,347,820 \$347,282 \$347,282 \$0 \$1,760,865 \$1,760,865 \$1,760,865 \$39,809,593 \$7,961,919 \$1,194,288 \$1,194,288 \$1,194,288 \$1,194,288 \$1,194,286 \$1,19	\$763,0 \$3,052,16 \$451,46 \$146,2 \$305,2 \$451,4 \$2,289,1 \$2,289,1 \$2,289,1 \$1,432,0 \$1,432,0 \$1,432,0 \$4,773,6; \$4,773,6; \$4,773,6; \$1,432,0
MAINTEN. PROJECT Signing Strut Preth Lightin Pavement M XXXXX WETLAND UTILITY R Delmarva EI Verizon Other Reloci SUBTOTA CONSTRU TOTAL CO	20 TTRAFFIC	(Percentage of DITEMS ION Acres times ONS IN CONT (Percentage of ONTINGENCY (Percentage of DITEMS) CHOICE (Percentage of DITEMS) CHOICE (Percentage of DITEMS)	0 luding ter 15 2 0 1 17 TRACT 15 H) N ENGINE H) H) (H thru L)	(Percentage	0.0 of 1.385)		\$7,500.00	per EA = per EA = per Ac. =	Total	\$2,347,820 \$2,347,820 \$112,500 \$234,782 \$0 \$0	\$2,347,820 \$347,282 \$347,282 \$0 \$1,760,865 \$1,760,865 \$1,760,865 \$39,809,593 \$7,961,919 \$7,961,919 \$1,194,288 \$1,194,288 \$1,194,288 \$1,194,288 \$1,194,288 \$1,194,286 \$1,353,261 \$13,535,261 \$13,535,261 \$13,535,261	\$763,0.5 \$3,052,76 \$451,46 \$146,22 \$305,2 \$451,41 \$2,289,12 \$2,289,12 \$2,289,12 \$1,432,01 \$1,432,01 \$4,773,6; \$4,773,6; \$1,432,01 \$4,773,6; \$4,773,6; \$1,432,01 \$4,773,6;
. MAINTEN PROJECT Signing Stru Path Lightin Pawement M XXXXX WETLAND . UTILITY R Delmarva El Verizon Other Reloci . SUBTOTA MISCELLA . INITIAL E) . CONSTRU . TOTAL CO REIMBUR	20 CTRAFFIC On MITIGAT 0.0 MITIGAT 0.0 MITIGAT 1.0 MITIGAT 20	(Percentage of DITEMS ITON Acres times IONS IN CONT (Percentage of DITEMS (Percentage of DITEMS (Percentage of DITEMS CHOICE ON THE DITEMS CHOICE	0 luding ter 15 2 0 1 17 TRACT 15 H) N ENGINE H) H) (H thru L)	(Percentage	0.0 of 1.385)		\$7,500.00	per EA = per EA = per Ac. =	Total	\$0 \$2,347,820 \$112,500 \$234,782 \$0 \$0 \$1,760,865	\$2,347,820 \$347,282 \$347,282 \$0 \$1,760,865 \$1,760,865 \$1,760,865 \$39,809,593 \$7,961,919 \$7,961,919 \$1,194,288 \$1,194,288 \$1,194,288 \$1,194,288 \$1,194,288 \$1,194,286 \$1,353,261 \$13,535,261 \$13,535,261 \$13,535,261	\$763,0.5 \$3,052,76 \$451,46,2 \$146,2; \$305,2 \$451,4; \$2,289,12 \$2,289,12 \$2,289,12 \$1,432,01 \$1,432,01 \$4,773,6; \$4,773,6; \$4,773,6; \$4,773,6; \$4,773,6; \$4,773,6; \$4,773,6;
. MAINTEN PROJECT Signing Stru Path Lightin, Path Lightin, Path Lightin, A CONSTRU . UTILITY R . CONSTRU . CONSTRU . CONSTRU . CONSTRU . TOTAL CC . REIMBUR . TRAFFIC : Signing	20 CTRAFFIC On MITIGAT 0.0 MITIGAT 0.0 MITIGAT 1.0 MITIGAT 20	(Percentage of DITEMS ITON Acres times IONS IN CONT (Percentage of DITEMS (Percentage of DITEMS (Percentage of DITEMS CHOICE ON THE DITEMS CHOICE	0 luding ter 15 2 0 1 17 TRACT 15 H) N ENGINE H) H) (H thru L)	(Percentage	0.0 (1.385)		\$7,500.00 \$10,000.00 \$200,000.00	per EA = per Ac. =	Total	\$0 \$2,347,820 \$112,500 \$234,782 \$0 \$1,760,865	\$2,347,820 \$347,282 \$347,282 \$0 \$1,760,865 \$1,760,865 \$1,760,865 \$1,760,865 \$7,961,919 \$7,961,919 \$1,194,288 \$2,000,000	\$763,0.5 \$3,052,76 \$451,46 \$146,22 \$305,2 \$451,44 \$2,289,1: \$2,289,1: \$2,289,1: \$47,736,52 \$1,432,00 \$1,432,00 \$1,432,00 \$4,773,65 \$4,773,65 \$4,773,65 \$1,432,00 \$1,432,00 \$1,432,00 \$1,432,00 \$1,13
D. MAINTEN. D. PROJECT Signing Strut Path Lightin Pawement M XXXXX WETLAND Delmarva El Verizon Other Reloci SUBTOTA MISCELLA CONTRAC CONSTRU I. TOTAL CO	20 CTRAFFIC On MITIGAT 0.0 MITIGAT 0.0 MITIGAT 1.0 MITIGAT 20	(Percentage of DITEMS ITON Acres times IONS IN CONT (Percentage of DITEMS (Percentage of DITEMS (Percentage of DITEMS CHOICE ON THE DITEMS CHOICE	0 1 1.345) 15 2 0 1 1 1 1 1 1 1 1 1	(Percentage 2:1 ratio = (Percentage	0.0 (1.385)		\$7,500.00	per EA = per Ac. =	Total	\$0 \$2,347,820 \$112,500 \$234,782 \$0 \$0 \$1,760,965	\$2,347,820 \$347,282 \$347,282 \$0 \$1,760,865 \$1,760,865 \$1,760,865 \$1,760,865 \$7,961,919 \$7,961,919 \$1,194,288 \$2,000,000	\$763,04 \$3,052,16 \$451,46 \$146,25 \$305,21

PAVEMENT PATCHING SECTION a. Surface: 1- 2 Superpave, Type C, 160 Gyrations, PG 64-22 (carbonate stone) (401029) Tons Superpave, Type B, 160 Gyrations, PG 64-22 (401030) Tons 3 - 5 c. Subbase: 4 - 8 inches of Graded Aggregate Base Course, Type B Patching (301002) CY % Contingency See Earthwork Summary Sheet
a. Excavation 21,700 CY @
b. Borrow 3,000 CY @ \$741,000 \$963,300 \$846,300 \$90,000 Total \$741,000 \$1,880,677 \$2,444,880 2. DRAINAGE 30 (Percentage of 1,3&5) Stormwater Management 0 \$2,444,880 \$0 \$2,444,880 \$1,880,677 3. PAVEMENT PATCHING \$2,746,332 \$3,570,231 291,744 sf/9 = 0 sf/9 = Full Depth Paving Only (1,2,3 & 4) Mill and Overlay Only (1a) \$517,045 \$672,159 \$130.00 per Ton = \$100.00 per Ton = \$1.653.002 c. Subbase: (4) 291,744 SF times \$80.00 per CY = _____ 0.666667 ft /27cf/cy = 7,204 CY, Times \$576,284 \$576,284 \$749,170 4. EROSION / SEDIMENT CONTROL 5. MISCELLANEOUS \$2,781,592 \$3,616,070 a, France Levelovae a, 6° Curb & Guster (701022) b, Hoc-Mix SUP C, Guardrail d, CPM Schedule d, CPM Schedule e, Clearing (Gn050) f, Field Office g, Milling (780010) h, Fencing (XXXXXX) L Yelnclust Gast (XXXXXX) L Yelnclust Gast (XXXXXX) k, PCC Removal (211001) L Underdrain (709001) b, 4° Sidewalk \$1,276,380 \$1,458,720 \$0 \$0 \$10,000 \$25,000 \$10,000 \$0 \$0 \$0 \$320 \$1,172 \$0 \$0 \$0 \$13,000 \$32,500 \$13,000 \$0 \$0 \$0 \$416 \$1,524 \$0 \$0 \$1.00 per SY-IN = \$180.00 per LF = \$5,000.00 per Each = \$5.00 per SY = \$25.00 per SY = \$20.00 per SF = Each LF SY LF SF B. STRUCTURE CONSTRUCTION \$7,102,080 \$7,812,288 1. Bridge Over Roadway or Highway 822 (LF) times 32 (width) = 26,304 SF \$270.00 per SF = plus 10%= \$0 \$50.00 per SF = \$0 plus 10%= \$0 \$250.00 per SF = \$0 \$7,812,288 C. LANDSCAPING \$188,068 \$244,488 \$400.00 per EA = Total \$188.068 \$244.488 D. MAINTENANCE OF TRAFFIC (including temporary tie-ins) \$313,446 E. PROJECT TRAFFIC ITEMS \$188,068 \$244,488 Signing Structures
 Path Lighting
 Pavement Markings \$7,500.00 per EA = \$244,488 3 (Percentage of 1,3&5) \$188.068 \$10,000.00 per EA = ______ 4. XXXXX \$0 **\$244,488** \$188,068 \$400,000 F. WETLAND MITIGATION 1 2:1 ratio = 2.0 Ac., Times \$200,000.00 per Ac. = \$520,000 G. UTILITY RELOCATIONS IN CONTRACT \$313,446 \$407,480 Delmarva Electric
 Verizon
 Other Relocations 5 (Percentage of 1.3&5) \$313,446 Total \$313,446 H. SUBTOTAL \$16,654,709 \$20,110,706 I. MISCELLANEOUS ITEMS \$3,330,942 J. CONTRACTOR'S CONSTRUCTION ENGINEERING \$499,641 \$603,321 3 (Percentage of H) 3 (Percentage of H) L. CONSTRUCTION CONTINGENCY \$1,665,471 \$2,011,071 10 (Percentage of H) \$1,665,471 \$2,011,071 M. TOTAL CONSTRUCTION COSTS (H thru L) \$22,650,404 \$27,350,560 N. CONSTRUCTION ENGINEERING \$3,397,561 \$4,102,584 15 (Percentage of M) O. TOTAL CONSTRUCTION COSTS (M + N) \$26,047,965 \$31,453,144 P. REIMBURSABLE UTILITY RELOCATIONS BY OTHERS \$0 DP Electric+ \$0 Verizon = Q. TRAFFIC SECTION ITEMS \$1,188,068 \$1,544,488 \$188,068 \$244,488 \$250,000.00 per EA = ___ \$1,000,000 Total \$1,544,488 \$1,188,068 \$27,236,033 \$32,997,632 CONSTRUCTION PROJECT ESTIMATE (O thru Q) HAZARDOUS MATERIALS

\$0

Churchman's Crossing
Preliminary Cost Estimate - SR 7 Intersections: SR 4/SR 7, SR 7/Telegraph Rd, SR 7/Delaware Park Blvd
ction improvements along SR7 between Delaware Park Bouloured and SR4, including turn lanes and pedible improvements

PAVEMENT PATCHING SECTION Full-depth Pavement Length Width Superpave, Type C, 160 Gyrations, PG 64-22 (carbonate stone) (401029) Tons Mill & Overlay Superpave, Type B, 160 Gyrations, PG 64-22 (401030) Tons Superpave, Bituminous Concrete Base Course, 160 Gyrations, PG 64-22 (401031) Tons c. Subbase: 4 - 8 inches of Graded Aggregate Base Course, Type B Patching (301002) CY % Contingency See Earthwork Summary Sheet
a. Excavation 0 CY @
- Rorrow 2,000 CY @ \$60,000 \$78,000 \$78,000 **\$78,000** Total \$60,000 \$52.667 \$68,467 2. DRAINAGE 5 (Percentage of 1,3&5) Stormwater Management 0 \$68,467 \$0 \$68,467 \$52,667 3. PAVEMENT PATCHING \$424,773 \$552,205 Full Depth Paving Only (1,2,3 & 4) Mill and Overlay Only (1a) 0 sf / 9 = 240,000 sf / 9 = 0 3,034 \$0 \$424,773 \$552,205 \$130.00 per Ton = \$100.00 per Ton = Total c. Subbase:
(4) 0 SF times \$80.00 per CY = _____ 0.666667 ft /27cf/cy = 0 CY, Times \$0 \$0 4. EROSION / SEDIMENT CONTROL 5. MISCELLANEOUS \$568,564 \$739,133 a. Fruch Schref (1902)
b. Hot-Mix SUP
b. Hot-Mix SUP
c. Guardrail
d. CPM Schedul
c. CPM Schedul
f. Field Office
g. Milling (780010)
b. Fercing (XXXXXX)
c. Yeshcular Gate (XXXXXX)
c. Power Gate (XXXXXX)
b. PCC Removal (211001)
b. 4" Sidewalk 4,000 LF 0 SF 0 LF 1 LS 1 LS 1 LS 26,700 SY * 2* = 0 LF 0 Each 255 LF 1,556 SY 0 LF \$150,000 \$195,000 \$739,133 B. STRUCTURE CONSTRUCTION \$0 1. Bridge Over Roadway or Highway $0 \quad \text{(LF) times} \qquad \qquad \textbf{42} \quad \text{(width)} =$ \$270.00 per SF = plus 10%= \$0 \$50.00 per SF = \$0 plus 10%= \$0 C. LANDSCAPING \$10,533 \$13,693 \$400.00 per EA = Total \$10.533 \$13,693 D. MAINTENANCE OF TRAFFIC (including temporary tie-ins) \$136,934 \$105,334 E. PROJECT TRAFFIC ITEMS \$52,667 \$68,467 Signing Structures
 Path Lighting
 Pavement Markings \$0 \$0 \$52,667 \$0 \$0 \$68,467 \$7,500.00 per EA = 5 (Percentage of 1,3&5) \$10,000.00 per EA = ______ 4. XXXXX \$0 \$68,467 \$52,667 F. WETLAND MITIGATION \$0 1 2:1 ratio = 0.0 Ac., Times \$200,000.00 per Ac. = \$0 G. UTILITY RELOCATIONS IN CONTRACT \$84,267 \$109,547 Delmarva Electric
 Verizon
 Other Relocations 8 (Percentage of 1.3&5) \$84.267 Total \$84,267 H. SUBTOTAL \$1,766,446 \$1,358,804 I. MISCELLANEOUS ITEMS J. CONTRACTOR'S CONSTRUCTION ENGINEERING \$40,764 \$52,993 3 (Percentage of H) L. CONSTRUCTION CONTINGENCY \$135,880 \$176,645 10 (Percentage of H) \$135,880 \$176,645 M. TOTAL CONSTRUCTION COSTS (H thru L) \$1,847,974 \$2,402,366 N. CONSTRUCTION ENGINEERING \$277,196 15 (Percentage of M) O. TOTAL CONSTRUCTION COSTS (M + N) \$2,125,170 \$2,762,721 P. REIMBURSABLE UTILITY RELOCATIONS BY OTHERS \$0 \$0 \$0 DP Electric+ \$0 Verizon = Q. TRAFFIC SECTION ITEMS \$988,693 \$10.533 \$13,693 \$250,000.00 per EA = ___ \$750,000 \$975,000 Total \$760,533 \$988,693 \$2,885,703 \$3,751,414 CONSTRUCTION PROJECT ESTIMATE (O thru Q) HAZARDOUS MATERIALS

\$0

Churchman's Crossing
Preliminary Cost Estimate - Southbound 1-95 Access from Continental Drive

. Surface:		PAVEMENT							Full-depth Length	Width	Sq Ft	
	2	Superpave, Ty	pe C, 160 G	yrations, PG	64-22 (carb	onate stone) (401029) Tons		800 Mill & Ove	30 rlay	24,000	
Base: 2 - 3	3	Superpave, Ty	pe B, 160 G	yrations, PG 6	34-22 (4010	130) Tons			Length 900	Width 30	Sq Ft 27,000	
3 - 5	5	Superpave, Bit	uminous Co	ncrete Base C	Course, 160	Gyrations, PG	64-22 (40103	11) Tons				
Subbase: 4 - 4	8	inches of Grad	ed Aggregat	e Base Cours	e, Type B P	atching (3010	002) CY					
					-						Contigency	% Contingency 30
GRADING	See Earthy	vork Summary S	Sheet								\$81,000	\$105,30
	Excavation Borrow		CY @	\$30.00 \$30.00					Total	\$45,000 \$36,000	\$81,000	\$58,50 \$46,80 \$105,3 0
. DRAINAG	¥F								TOtal		\$243,527	\$316,58
. Divinion	20	(Percentage of	1.3&5)							\$143,527	42-10,027	\$186,58
tormwater Ma			1	EA			\$100,000.00	per EA =	Total	\$100,000	\$243,527	\$130,00 \$316,58
. PAVEME!											\$275,416	\$358,04
	24,000 27,000	sf / 9 = sf / 9 =	2,667 3,000	SY SY	Say:		SY SY	Full Depth F Mill and Ove	Paving Only erlay Only (1	(1,2,3 & 4) a)		
. Surface: (1)	2,700	SY Div. by	8 80	sy/ton =	307	Ton,Times	\$140.00	per Ton =		\$42.955		
(1a)	3,000	SY Div. by	8.80	sy/ton =	341	Ton,Times	\$140.00	per Ton =	Total	\$47,727	\$90,682	\$117,88
. Base:												
(2)	2,700 2,700	SY Div. by SY Div. by	5.79 3.52	sy/ton = sy/ton =	466 767	Ton,Times Ton,Times	\$130.00 \$100.00	per Ton = per Ton =	Total	\$60,622 \$76,705	\$137.326	\$178.52
Subbase:	24,000	SF times	0.666667	ft /27cf/cy =	593	CY. Times	\$80.00	per CY =	TOtal	\$47,407	\$137,326	\$170,52
				,			•		Total		\$47,407	\$61,63
. EROSION	I/SEDIM	ENT CONTRO									\$0	\$
MICOT	ANEC	Included in Dra	ainage							\$0	600/ 015	#400 C-
6" Curb & G			2,400	LF			\$70.00	per LF =		\$168,000	\$361,217	\$469,58 \$218,40
Hot-Mix SUF Guardrail	P (7010	, <u>-</u> £)	2,400 0 400	SF LF			\$70.00 \$8.00 \$32.00	per LF = per SF = per LF =		\$168,000 \$0 \$12,800		\$218,40 \$ \$16,64
CPM Sched Clearing/Gru		1000)	1	LS LS			QUZ.00			\$10,000 \$25,000		\$13,00 \$32,50
Field Office Milling (7600			1 3,000	LS SY * 2" =	6,000	SY-IN,Times	\$1.00	per SY-IN =		\$10,000 \$6,000		\$13,00 \$7,80
Fencing (XX Vehicular Ga	XXXXX) ate (XXXXX	(X)	100	LF Each		-	\$180.00 \$5,000.00	per LF = per Each =		\$18,000 \$0		\$23,40
Sawcutting (PCC Remov	val (211001	1)	839 739	LF SY			\$5.00 \$25.00	per LF = per SY =		\$4,195 \$18,472		\$5,45 \$24,01
Underdrain (7 .4" Sidewalk	709001)		800 4,850	LF SF			\$20.00 \$15.00	per LF = per SF =		\$16,000 \$72,750		\$20,80 \$94,57
									Total		\$361,217	\$469,58
. STRUCTU	JRE CON	STRUCTION									\$0	\$
XXXX					SF		\$84.00	per SF =		\$0	plus 10%=	,
	(LF) times	10	(width) =	0	or					40		
. Old structure	re Removal			U	or.					\$0	plus 10%=	s
. Old structure	re Removal	ar Block) (60701	0) (height) =	0	SF		\$50.00	per SF =				s
. Old structure . Retaining W	re Removal Vall (Modula (LF) times	ar Block) (60701	0) (height) =					per SF =	Total	\$0	plus 10%= plus 10%= plus 10%=	\$
Old structure Retaining W 0 Box Culvert	re Removal Vall (Modula (LF) times	ar Block) (60701	0) (height) =	0			\$50.00		Total	\$0 \$0	plus 10%= plus 10%= plus 10%=	\$
Old structure Retaining W 0 Box Culvert	re Removal Vall (Modula (LF) times	ar Block) (60701	0) (height) =	0	SF		\$50.00		Total	\$0 \$0	plus 10%= plus 10%= plus 10%=	\$46,64
Old structure Retaining W 0 Box Culvert LANDSCA Topsoil / See	re Removal Vall (Modula (LF) times	ar Block) (60701	0) (height) = ried) 0	0 SF	SF		\$50.00 \$250.00		Total	\$0 \$0 \$0_	plus 10%= plus 10%= plus 10%=	\$46,64 \$46,64
Old structum. Retaining W 0 Box Culvert LANDSCA Topsoil / Se. Plantings	re Removal Vall (Modula (LF) times APING ped / Mulch	ar Block) (60701 5 (Assume 1' bu	0) (height) = ried) 0	0 SF (Percentage	SF of 1,3&5)		\$50.00 \$250.00	per SF =	Total	\$0 \$0 \$0_ \$35,882	plus 10%= plus 10%= plus 10%= \$0 \$35,882	\$46,64 \$46,64 \$46,64
. Old structum . Retaining W 0 . Box Culvert C. LANDSCA . Topsoil / Se . Plantings	re Removal Vall (Modula (LF) times APING APING IANCE OF	ar Block) (60701 5 (Assume 1' bu	(height) = ried) 0	0 SF (Percentage	SF of 1,3&5)		\$50.00 \$250.00	per SF =		\$0 \$0 \$0_ \$35,882 \$0	plus 10%= plus 10%= plus 10%= \$0 \$35,882	\$46,64 \$46,64 \$46,64
Old structum. Retaining W 0 Box Culvert LANDSCA Topsoil / Se Plantings	re Removal Vall (Modula (LF) times APING and / Mulch MANCE OF	ar Block) (60701 5 (Assume 1' bu	(height) = ried) 0	0 SF (Percentage	SF of 1,3&5)		\$50.00 \$250.00	per SF =		\$0 \$0 \$0_ \$35,882	plus 10%= plus 10%= plus 10%= \$0 \$35,882 \$35,882	\$46,64 \$46,64 \$46,64 \$46,64
Old structure. Retaining W 0 Box Culvert LANDSCA Topsoil / See Plantings	re Removal Vall (Modula (LF) times APING APING IANCE OF 20	ar Block) (60701 5 (Assume 1' bu	(height) = ried) 0	0 SF (Percentage	SF of 1,3&5)		\$50.00 \$250.00	per SF =		\$0 \$0 \$0_ \$0_ \$35,882 \$0 \$143,527	plus 10%= plus 10%= plus 10%= \$0 \$35,882	\$46,64 \$46,64 \$46,64 \$186,58
Old structure. Retaining W 0 Box Culvert LANDSCA Topsoil / See Plantings MAINTEN PROJECT Signing Stru Path Lightin	re Removal y all (Moduli (LF) times APING APING IANCE OF 20 FTRAFFIC uctures 19	ar Block) (60701 5 (Assume 1' bu	0) (height) = ried) 0	0 SF (Percentage	of 1,3&5)		\$50.00 \$250.00	per SF =		\$0 \$0 \$0_ \$35,882 \$0	plus 10%= plus 10%= plus 10%= \$0 \$35,882 \$35,882	\$46,64 \$46,64 \$46,64 \$186,58
Old structuring Notation of Control of Contr	re Removal y all (Moduli (LF) times APING APING IANCE OF 20 FTRAFFIC uctures 19	ar Block) (60701 5 (Assume 1' bu	(height) = ried) 0	0 SF (Percentage	of 1,3&5)		\$50.00 \$250.00 \$400.00	per SF = per EA =	Total	\$0 \$0 \$0_ \$35,882 \$0 \$143,527	plus 10%= plus 10%= plus 10%= \$0 \$35,882 \$143,527	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Old structurn. Retaining W 0 Box Culvert LANDSCA Topsoil / See Plantings DMAINTEN PROJECT Signing Stru- Path Lightin Pavement M XXXXXX	re Removal / all (Moduli / all	ar Block) (60701 5 (Assume 1' bu	0) (height) = ried) 0	0 SF (Percentage	of 1,3&5)		\$50.00 \$250.00 \$400.00	per SF = per EA =		\$0 \$0 \$0_ \$35,882 \$0 \$143,527	plus 10%= plus 10%= plus 10%= \$0 \$35,882 \$35,882	\$46,64 \$46,64 \$46,64 \$46,64 \$27,98 \$27,98 \$ \$27,98
Old structurn. Retaining W 0 Box Culvert LANDSCA Topsoil / See Plantings DMAINTEN PROJECT Signing Stru- Path Lightin Pavement M XXXXXX	re Removal / all (Moduli / all	ar Block) (60701 5 (Assume 1' bu	0) (height) = ried) 0	0 SF (Percentage	of 1,3&5)	Ac., Times	\$50.00 \$250.00 \$400.00	per EA = per EA = per EA =	Total	\$0 \$0 \$0_ \$35,882 \$0 \$143,527	plus 10%= plus 10%= plus 10%= \$0 \$35,882 \$35,882 \$143,527 \$21,529	\$46,64 \$46,64 \$46,65 \$186,58 \$27,98 \$27,98
Old structum. Retaining W O Box Culvert S. LANDSC. Topsoil / Se. Plantings D. MAINTEN S. PROJECT Signing Stru. Path Lightin Pavement M XXXXXX	APING APING T TRAFFIC uctures g D MITIGA*	ar Block) (60701 5 (Assume 1' bu	0) (height) = rised) 0	(Percentage	of 1,3&5)	Ac., Times	\$50.00 \$250.00 \$400.00 \$7,500.00 \$10,000.00	per EA = per EA = per EA =	Total	\$35,882 \$0 \$35,882 \$0 \$143,527 \$0 \$21,529 \$0	plus 10%= plus 10%= plus 10%= \$0 \$35,882 \$35,882 \$143,527 \$21,529	\$46,64 \$46,64 \$46,65 \$186,58 \$27,98 \$27,98 \$27,96 \$27,96
Old structum. Retaining Wood of the Community of the Comm	re Removal vali (Modulu (LF) times APING APING Sed / Mulch LANCE OF 20 FTRAFFIC Uctures 19 Markings D MITIGAT 0.0 RELOCAT	ar Block) (60701 5 (Assume 1' bu FTRAFFIC (in (Percentage of	0) (height) = rised) 0	(Percentage	of 1,3&5)	Ac., Times	\$50.00 \$250.00 \$400.00 \$7,500.00 \$10,000.00	per EA = per EA = per EA =	Total	\$35,882 \$35,882 \$35,882 \$0 \$143,527 \$0 \$21,529 \$0	plus 10%= plus 10%= plus 10%= \$0 \$35,882 \$35,882 \$143,527 \$21,529 \$21,529	\$46,64 \$46,64 \$46,64 \$186,59 \$27,98 \$ \$27,96 \$ \$74,63
Old structum. Retaining W Box Culvert LANDSCE Topsoil / Se. Plantings MAINTEN PROJECT Signing Stru. Path Lightin Pavement N XXXXX WETLAND S. UTILITY F	re Removal at All (Modulus All	ar Block) (60701 5 (Assume 1' bu FTRAFFIC (in (Percentage of	0) (height) = rised) 0	(Percentage	of 1.3&5)	Ac., Times	\$50.00 \$250.00 \$400.00 \$7,500.00 \$10,000.00	per EA = per EA = per EA =	Total	\$35,882 \$0 \$35,882 \$0 \$143,527 \$0 \$21,529 \$0	plus 10%= plus 10%= plus 10%= \$0 \$35,862 \$35,862 \$143,527 \$21,529 \$21,529 \$57,411	\$46,64 \$46,64 \$46,64 \$46,64 \$186,58 \$27,98 \$27,98 \$27,96 \$27,96 \$27,96 \$27,96 \$27,96 \$27,96
Old structurn. Retaining Wood. Box Culvert LANDSCA Topscil / Se. Plantings D. MAINTEN E. PROJECT Signing Stru. Path Lightin. Path English XXXXX E. WETLANE B. UTILITY F. Delmarva El. Verizon	re Removal at All (Modulus All	ar Block) (60701 5 (Assume 1' bu FTRAFFIC (in (Percentage of	0) (height) = ried) 0 5 0 Cluding ter 1,385) 3	0 SF (Percentage	of 1.3&5)	Ac., Times	\$50.00 \$250.00 \$400.00 \$7,500.00 \$10,000.00	per EA = per EA = per EA =	Total	\$35,882 \$0 \$35,882 \$0 \$143,527 \$0 \$21,529 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	plus 10%= plus 10%= plus 10%= \$0 \$35,882 \$35,882 \$143,527 \$21,529 \$21,529	\$
Old structurn. Retaining W Old Structurn. Retaining W Old Structurn. Box Culvert LANDSCA Topscil / Se Plantings MAINTEN PROJECT Signing Stru Path Lightin Pawement M XXXXX WETLANE LUTILITY F Delmarva El Verizon	re Removal val (Modulu) (LF) times (LF) times APING APING TARFING TARFING TARFING D MITIGA* 0.0 RELOCAT	ar Block) (60701 5 (Assume 1' bu FTRAFFIC (in (Percentage of	0) (height) = ried) 0 5 0 Cluding ter 1,385) 3	0 SF (Percentage	of 1.3&5)	Ac., Times	\$50.00 \$250.00 \$400.00 \$7,500.00 \$10,000.00	per EA = per EA = per EA =	Total	\$35,882 \$0 \$35,882 \$0 \$143,527 \$0 \$21,529 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	plus 10%= plus 10%= plus 10%= \$0 \$35,862 \$35,862 \$143,527 \$21,529 \$21,529 \$57,411	\$46,64 \$46,64 \$46,64 \$46,64 \$186,58 \$27,98 \$27,98 \$27,96 \$27,96 \$27,96 \$27,96 \$27,96 \$27,96
Old structum. Retaining W Box Culvert LANDSCE Topsoil / Se, Plantings MAINTEN PROJECT Signing Stru Path Lightin Pavement M XXXXXX WETLAND UTILITY R Delmarva El Verizon Other Reloc	re Removal (IF) times APING 20 TTRAFFIR 0.0 MITIGAT 0.0 MITIGAT ALL	ar Block) (60701 (Assume 1' bu FTRAFFIC (int.) (Percentage of CITEMS FION Acres times TONS IN CON	0) (height) = ried) 0 5 0 Cluding ter 1,385) 3	0 SF (Percentage	of 1.3&5)	Ac., Times	\$50.00 \$250.00 \$400.00 \$7,500.00 \$10,000.00	per EA = per EA = per EA =	Total	\$35,882 \$0 \$35,882 \$0 \$143,527 \$0 \$21,529 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	plus 10%= plus 10%= plus 10%= \$0 \$35,882 \$35,882 \$143,527 \$21,529 \$521,529 \$521,529	\$46,646,646 \$46,646,546 \$46,646,546 \$186,546 \$27,98 \$27,98 \$27,98 \$27,98 \$27,98 \$27,98 \$27,98 \$27,98 \$27,98
Old structurn. Retaining W Box Culvert LANDSCI Topsoil / See Plantings MAINTEN PROJECT Signing Structurn Path Lightin Pavement by XXXXX WETLANE UTILITY R Delmarva Eli Vertzon Other Reloc SUBTOTA MISCELLA	re Removal and Programme P	ar Block) (60701 5 (Assume 1' bu FTRAFFIC (Int (Percentage of C ITEMS TION Acres times TONS IN CON	0 (height) = need 0 (height) = 1.38.5 (height) =	0 SF (Percentage (Percentage 2:1 ratio =	of 1.3&5)	Ac., Times	\$50.00 \$250.00 \$400.00 \$7,500.00 \$10,000.00	per EA = per EA = per EA =	Total	\$35,882 \$0 \$35,882 \$0 \$143,527 \$0 \$21,529 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	plus 10%= plus 10%= plus 10%= \$0 \$35,882 \$35,882 \$143,527 \$21,529 \$21,529 \$57,411 \$57,411 \$1,219,507 \$243,901 \$243,901	\$46,64 \$46,64 \$46,64 \$196,58 \$27,98 \$27,98 \$27,98 \$74,63 \$74,63 \$1,585,32 \$317,07
Old structurn. Retaining W Box Culvert LANDSCI Topsoil / See Plantings MAINTEN PROJECT Signing Structurn Path Lightin Pavement by XXXXX WETLANE UTILITY R Delmarva Eli Vertzon Other Reloc SUBTOTA MISCELLA	re Removal and Programme P	ar Block) (60701 (Assume 1' bu FTRAFFIC (int (Percentage of CITEMS FION Acres times TONS IN CON	0 (height) = need 0 (height) = 1.38.5 (height) =	0 SF (Percentage (Percentage 2:1 ratio =	of 1.3&5)	Ac., Times	\$50.00 \$250.00 \$400.00 \$7,500.00 \$10,000.00	per EA = per EA = per EA =	Total	\$35,882 \$0 \$35,882 \$0 \$143,527 \$0 \$21,529 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	plus 10%= plus 10%= plus 10%= plus 10%= \$0 \$35,882 \$35,882 \$143,527 \$21,529 \$50 \$57,411 \$57,411 \$1,219,507 \$243,901 \$243,901 \$36,585	\$46,64 \$46,64 \$46,64 \$196,58 \$27,98 \$27,91 \$74,63 \$74,63 \$317,07 \$317,07 \$317,07
Old structum Retaining W on the Manager of the Mana	re Removal value (Module Value	ar Block) (60701 5 (Assume 1' bu FTRAFFIC (Int (Percentage of C ITEMS TION Acres times TONS IN CON	0) (height) = need of the need	0 SF (Percentage (Percentage 2:1 ratio =	of 1.3&5)	Ac., Times	\$50.00 \$250.00 \$400.00 \$7,500.00 \$10,000.00	per EA = per EA = per EA =	Total	\$35,882 \$0 \$35,882 \$0 \$143,527 \$0 \$21,529 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	plus 10%= plus 10%= plus 10%= \$0 \$35,882 \$35,882 \$143,527 \$21,529 \$21,529 \$57,411 \$57,411 \$1,219,507 \$243,901 \$36,585 \$36,585	\$46,64 \$46,6- \$186,54 \$27,94 \$27,94 \$27,94 \$74,6: \$74,6: \$1,585,34 \$317,0: \$47,54
Old structum Retaining W on the Structum of th	re Removal value (Module Value	ar Block) (60701 (Assume 1' bu FTRAFFIC (inc. (Percentage of CITEMS FION Acres times FONS IN CON TEMS (Percentage of ONSTRUCTIC (Percentage of ONSTRUCTIC (Percentage of ONSTRUCTIC	0) (height) = neided (height) = neided (height) = 1.3845) 1 1.3845 8 8 H) NI ENGINI	0 SF (Percentage (Percentage 2:1 ratio =	of 1.3&5)	Ac., Times	\$50.00 \$250.00 \$400.00 \$7,500.00 \$10,000.00	per EA = per EA = per EA =	Total	\$35,882 \$0 \$35,882 \$0 \$143,527 \$0 \$21,529 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	plus 10%= plus 10%= plus 10%= plus 10%= \$0 \$35,882 \$35,882 \$143,527 \$21,529 \$21,529 \$57,411 \$57,411 \$1,219,507 \$243,901 \$343,901 \$36,585 \$36,585	\$46,64 \$46,6 \$186,54 \$27,94 \$27,94 \$27,91 \$74,63 \$74,63 \$1,585,33 \$317,01 \$47,54 \$47,54
Old structum Retaining William Structum Mainten Structum	re Removal re Rem	ar Block) (60701 5 (Assume 1' bu FTRAFFIC (int (Percentage of CITEMS TON Acres times TONS IN CON TEMS (Percentage of ONSTRUCTIC (Percentage of	0) (height) = need of the need	0 SF (Percentage (Percentage 2:1 ratio =	of 1.3&5)	Ac., Times	\$50.00 \$250.00 \$400.00 \$7,500.00 \$10,000.00	per EA = per EA = per EA =	Total	\$35,882 \$0 \$35,882 \$0 \$143,527 \$0 \$21,529 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	plus 10%= plus 10%= plus 10%= plus 10%= \$0 \$35,882 \$35,882 \$143,527 \$21,529 \$20 \$21,529 \$30 \$57,411 \$1,219,507 \$243,901 \$36,585 \$36,585 \$36,585	\$46,64 \$46,6- \$186,54 \$27,94 \$27,94 \$74,6: \$74,6: \$1,585,34 \$317,0: \$47,54 \$47,54 \$47,54
Old structum Retaining W Box Culvert LANDSCA Topsoil / Se Plantings MAINTEN Signing Sins Signing Sins WETLAND WETLAND UTILITY R LUTILITY R SUSTITUTE SUSTITUTE SUSTITUTE LUTILITY R LUT	re Removal value (Model) remo	ar Block) (60701 (Assume 1' bu FTRAFFIC (Int (Percentage of CITEMS TION Acres times TONS IN CON TEMS (Percentage of ONSTRUCTIC (Percentage of CONTINGENC:	0) (height) = need of the need	0 SF (Percentage (Percentage 2:1 ratio =	of 1.3&5)	Ac., Times	\$50.00 \$250.00 \$400.00 \$7,500.00 \$10,000.00	per EA = per EA = per EA =	Total	\$35,882 \$0 \$35,882 \$0 \$143,527 \$0 \$21,529 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	plus 10%= plus 10%= plus 10%= plus 10%= \$0 \$35,882 \$35,882 \$143,527 \$21,529 \$20 \$21,529 \$30 \$57,411 \$1,219,507 \$243,901 \$36,585 \$36,585 \$36,585 \$121,951	\$46,64 \$46,6- \$186,54 \$27,94 \$27,94 \$27,94 \$74,6: \$74,6: \$1,585,34 \$317,0: \$47,54 \$47,54 \$47,54
Old structum Retaining William Structum National Maintenance Contract Contr	re Removal and Programme P	ar Block) (60701 5 (Assume 1' bu FTRAFFIC (Int (Percentage of C TTEMS TEMS (Percentage of ONSTRUCTIC (Percentage of CONTINGENC (Percentage of CPERCENTAGE (Percentage of CONTINGENC (Percentage of CPERCENTAGE (PERCENTAGE (PERCENT	0) (height) = need of the need	0 SF (Percentage (Percentage 2:1 ratio = (Percentage	of 1.3&5)	Ac., Times	\$50.00 \$250.00 \$400.00 \$7,500.00 \$10,000.00	per EA = per EA = per EA =	Total	\$35,882 \$0 \$35,882 \$0 \$143,527 \$0 \$21,529 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	plus 10%= plus 10%= plus 10%= plus 10%= \$0 \$35,882 \$35,882 \$143,527 \$21,529 \$21,529 \$50 \$57,411 \$1,219,507 \$243,901 \$36,585 \$36,585 \$36,585 \$121,951 \$121,951	\$46,64 \$46,6- \$186,52 \$27,96 \$27,96 \$27,96 \$74,63 \$1,585,32 \$317,07 \$47,54 \$47,54 \$47,56 \$47,56
Old structum Retaining Miles of the Miles of	re Removal and Model and M	ar Block) (60701 5 (Assume 1' bu FTRAFFIC (Inu (Percentage of CITEMS TION Acres times TONS IN CON TEMS (Percentage of (Percentage of CONSTRUCTIO (Percentage of CONTINGENC (Percentage of CONTINGENC (Percentage of CONTINGENC (Percentage of CONTINGENC (Percentage of CONTINGENC (Percentage of CONTINGENC (Percentage of CONTINGENC (Percentage of CONTINGENC (Percentage of CONTINGENC (Percentage of CONTINGENC (Percentage of CONTINGENC (Percentage of CONTINGENC (Percentage of CONTINGENC (Percentage of CONTINGENC (Percentage of CONTINGENC (Percentage of CONTINGENC (Percentage of CONTINGENC (Percentage of CONTINGENC (Percentage of CONTINGENC (Percentage of CONTINGENC (Percentage of CONTINGENC (Percentage of CONTINGENC (Percentage of CONTINGENC (Percentage of CONTINGENC (Percentage of CONTINGENC (P	0) (height) = need of the need	0 SF (Percentage (Percentage 2:1 ratio = (Percentage	of 1.3&5)	Ac., Times	\$50.00 \$250.00 \$400.00 \$7,500.00 \$10,000.00	per EA = per EA = per EA =	Total	\$35,882 \$0 \$35,882 \$0 \$143,527 \$0 \$21,529 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	plus 10%= plus 10%= plus 10%= plus 10%= \$0 \$35,882 \$35,882 \$143,527 \$21,529 \$21,529 \$57,411 \$57,411 \$1,219,507 \$243,901 \$36,585 \$36,585 \$121,951 \$1,659,530]	\$46,64 \$46,6- \$186,52 \$27,94 \$27,94 \$74,63 \$74,63 \$1,585,31 \$317,01 \$47,54 \$47,54 \$1,585,32 \$47,54
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Old structum Retaining W Box Culvert LANDSCA Topsoil / Se Plantings MAINTEN PROJECT Signing Sin. Path Lightin Path Lightin Path Lightin Path Lightin Control UTILITY R Delmarva E CONTRAC CONSTRU LONGRAD LONGRA	re Removal value (Module Value	ar Block) (60701 5 (Assume 1' bu FTRAFFIC (Inu (Percentage of CITEMS TION Acres times TONS IN CON (Percentage of ONSTRUCTIC (Percentage of CONTINGENC (Percentage of CONTINGENC (Percentage of CITON COSTS INGINEERING INGINEERING	0) (height) = need of the need	0 SF (Percentage (Percentage 2:1 ratio = (Percentage	of 1.3&5)	Ac., Times	\$50.00 \$250.00 \$400.00 \$7,500.00 \$10,000.00	per EA = per EA = per EA =	Total	\$35,882 \$0 \$35,882 \$0 \$143,527 \$0 \$21,529 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	plus 10%= plus 10%= plus 10%= plus 10%= \$0 \$35,882 \$35,882 \$143,527 \$21,529 \$21,529 \$57,411 \$57,411 \$1,219,507 \$243,901 \$36,585 \$36,585 \$121,951 \$1,656,530] \$248,779 \$248,779	\$46,64 \$46,6- \$186,52 \$27,94 \$27,94 \$74,63 \$74,63 \$1,585,31 \$317,01 \$47,54 \$47,54 \$1,585,32 \$1,585,32 \$1,585,32 \$1,585,32 \$1,586,53
Old structum Retaining William Scale Structum Scale Sc	re Removal remova	ar Block) (60701 5 (Assume 1' bu FTRAFFIC (inu (Percentage of C ITEMS FTON Acres times IONS IN CON TEMS (Percentage of CONTINGENC: (Percentage of CTION COSTS: NGINEERING (Percentage of CTION COSTS:	0) (height) = need of the need	0 SF (Percentage (Percentage 2:1 ratio = (Percentage	of 1.385) 0.0 of 1.385)	Ac., Times	\$50.00 \$250.00 \$400.00 \$7,500.00 \$10,000.00	per EA = per EA = per EA =	Total	\$35,882 \$0 \$35,882 \$0 \$143,527 \$0 \$21,529 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	plus 10%= plus 10%= plus 10%= plus 10%= \$0 \$35,882 \$35,882 \$143,527 \$21,529 \$21,529 \$21,529 \$57,411 \$1,219,507 \$243,901 \$36,585 \$36,585 \$36,585 \$121,951 \$1,658,530 \$248,779 \$248,779 \$1,907,309]	\$46,64 \$46,6- \$186,52 \$27,94 \$27,94 \$74,63 \$74,63 \$15,85,34 \$317,01 \$47,54 \$47,54 \$158,53 \$158,53 \$158,53 \$21,56,04 \$21,56,04 \$22,44 \$24,44 \$2
Old structum Retaining William Scale Structum Scale Sc	re Removal remova	ar Block) (60701 5 (Assume 1' bu FTRAFFIC (Inu (Percentage of CITEMS TION Acres times TONS IN CON (Percentage of ONSTRUCTIC (Percentage of CONTINGENC (Percentage of CONTINGENC (Percentage of CITON COSTS INGINEERING INGINEERING	0) (height) = need of the need	0 SF (Percentage (Percentage 2:1 ratio = (Percentage	of 1.385) 0.0 of 1.385)		\$50.00 \$250.00 \$400.00 \$7,500.00 \$10,000.00	per EA = per EA = per EA =	Total	\$0 \$0 \$0 \$0 \$1,527 \$0 \$21,529 \$0 \$0 \$57,411	plus 10%= plus 10%= plus 10%= plus 10%= \$0 \$35,882 \$35,882 \$143,527 \$21,529 \$21,529 \$57,411 \$57,411 \$1,219,507 \$243,901 \$36,585 \$36,585 \$121,951 \$1,656,530] \$248,779 \$248,779	\$46,64 \$46,6- \$186,52 \$27,94 \$27,94 \$74,63 \$74,63 \$15,85,34 \$317,01 \$47,54 \$47,54 \$158,53 \$158,53 \$158,53 \$21,56,04 \$21,56,04 \$22,44 \$24,44 \$2
Old structurn. Retaining W Box Culvert LANDSCA Topsoil / See Plantings MAINTEN PROJECT Path Lightin Paverment W XXXXXX WETLANC UTILITY F Delmarva El Verizon Other Reloc SUBTOTA CONTRAC LONSTRU TOTAL CO	re Removal re Rem	ar Block) (60701 5 (Assume 1' bu FTRAFFIC (interpretation of the control of th	0) (height) = need of the need	0 SF (Percentage (Percentage 2:1 ratio = (Percentage	of 1.385) 0.0 of 1.385)	Ac., Times	\$50.00 \$250.00 \$400.00 \$7,500.00 \$10,000.00	per EA = per EA = per EA =	Total	\$35,882 \$0 \$35,882 \$0 \$143,527 \$0 \$21,529 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	plus 10%= plus 10%= plus 10%= plus 10%= \$0 \$35,882 \$35,882 \$143,527 \$21,529 \$21,529 \$57,411 \$57,411 \$1,219,507 \$243,901 \$36,585 \$36,585 \$121,951 \$1,658,530 \$248,779 \$1,907,309]	\$46,64 \$46,6- \$46,6- \$186,52 \$27,92 \$27,92 \$27,93 \$3 \$74,63 \$1,585,31 \$317,01 \$47,54 \$47,54 \$47,54 \$47,54 \$323,44 \$323
Old structurn. Retaining W Box Culvert LANDSCE Topsoil / See Plantings MAINTEN PROJECT Signing Structurn Path Lightin Pawerment W XXXXX WETLANC UTILITY F Delmarva El Verizon Other Reloc SUBTOTA CONTRAC LONSTRU TOTAL CO REIMBUR TRAFFIC	re Removal re Rem	ar Block) (60701 5 (Assume 1' bu FTRAFFIC (interpretation of the control of th	0) (height) = need of the need	0 SF (Percentage (Percentage 2:1 ratio = (Percentage	of 1.385) 0.0 of 1.385)		\$50.00 \$250.00 \$400.00 \$7,500.00 \$10,000.00	per EA = per EA = per EA =	Total	\$35,882 \$35,882 \$143,527 \$0 \$21,529 \$0 \$57,411	plus 10%= plus 10%= plus 10%= plus 10%= \$0 \$35,882 \$35,882 \$143,527 \$21,529 \$21,529 \$21,529 \$57,411 \$1,219,507 \$243,901 \$36,585 \$36,585 \$36,585 \$121,951 \$1,658,530 \$248,779 \$248,779 \$1,907,309]	\$46,64 \$46,64 \$46,64 \$186,58 \$27,98 \$27,98 \$27,98 \$374,63 \$74,63 \$1,585,32 \$17,01 \$47,56 \$47,56 \$47,56 \$2,156,08 \$2,2156,08 \$323,41 \$323,41 \$323,41
Old structurn. Retaining W Box Culvert LANDSCA Topsoil / See Plantings MAINTEN PROJECT Path Lightin Paverment W XXXXXX WETLANC UTILITY F Delmarva El Verizon Other Reloc SUBTOTA CONTRAC LONSTRU TOTAL CO	re Removal re Rem	ar Block) (60701 5 (Assume 1' bu FTRAFFIC (interpretation of the control of th	0) (height) = need of the need	0 SF (Percentage (Percentage 2:1 ratio = (Percentage	of 1.385) 0.0 of 1.385)		\$50.00 \$250.00 \$400.00 \$7,500.00 \$10,000.00	per SF = per EA = per EA = per EA =	Total Total Verizon =	\$0 \$0 \$0 \$0 \$1,527 \$0 \$21,529 \$0 \$0 \$57,411	plus 10%= plus 10%= plus 10%= plus 10%= \$0 \$35,882 \$35,882 \$143,527 \$21,529 \$21,529 \$57,411 \$1,219,507 \$243,901 \$36,585 \$36,585 \$121,951 \$1,658,530 \$248,779 \$248,779 \$1,907,309] \$0	\$46,64 \$46,64 \$46,64 \$186,58 \$27,98 \$27,98 \$27,98 \$74,63 \$74,63 \$1,585,32 \$17,01 \$47,56 \$47,56 \$47,56 \$2,475,56 \$2,475,56 \$2,475,56 \$2,475,56
Old structum Retaining W 1	re Removal and Programme Removal and Model and Model and Removal a	ar Block) (60701 5 (Assume 1' bu FTRAFFIC (interpretation of the control of th	0) (height) = need of the need	(Percentage 2:1 ratio = (Percentage	of 1.385) 0.0 of 1.385)		\$50.00 \$250.00 \$400.00 \$7,500.00 \$10,000.00	per SF = per EA = per EA = per EA =	Total	\$0 \$0 \$0 \$0 \$0 \$143,527 \$0 \$21,529 \$0 \$0 \$57,411	plus 10%= plus 10%= plus 10%= plus 10%= \$0 \$35,882 \$35,882 \$143,527 \$21,529 \$21,529 \$57,411 \$57,411 \$1,219,507 \$243,901 \$36,585 \$36,585 \$121,951 \$1,658,530 \$248,779 \$1,907,309]	\$46,64 \$46,64 \$46,64 \$186,56 \$27,98 \$27,98 \$27,94 \$74,63 \$74,63 \$1,585,32 \$317,01

April, 2021

Churchman's Crossing

Preliminary Cost Estimate - SB SR 1 to SB I-95 Connection

PAVEMENT PATCHING SECTION Full-depth Pavement

Length Width

2,804 30 Concrete bridge over r Sq Ft Superpave, Type C, 160 Gyrations, PG 64-22 (carbonate stone) (401029) Tons Superpave, Type B, 160 Gyrations, PG 64-22 (401030) Tons 3 - 5 c. Subbase: 4 - 8 inches of Graded Aggregate Base Course, Type B Patching (301002) CY | 1. GRADING | See Earthwork Summary Sheet | a. Excavation | 6,300 CY @ h Borrow | 3,000 CY @ \$279,000 \$362,700 \$245,700 \$90,000 Total \$279,000 \$343,111 \$446.045 2. DRAINAGE 20 (Percentage of 1,3&5) Stormwater Management 1 \$100,000.00 per EA = ___ \$100,000 Total \$343,111 3. PAVEMENT PATCHING \$793,807 \$1,031,950 84,120 sf / 9 = 0 sf / 9 = Full Depth Paving Only (1,2,3 & 4) Mill and Overlay Only (1a) \$194,409 \$130.00 per Ton = \$100.00 per Ton = Total \$478.099 \$621,529 c. Subbase: (4) 84,120 SF times 0.666667 ft /27cf/cy = 2,077 CY, Times \$166,163 \$166,163 \$216,012 4. EROSION / SEDIMENT CONTROL 5. MISCELLANEOUS \$142,750 \$185,575 a. Fruch Schref (1902)
b. Hot-Mix SUP
b. Hot-Mix SUP
c. Guardrail
d. CPM Schedul
c. CPM Schedul
f. Field Office
g. Milling (780010)
b. Fercing (XXXXXX)
c. Yeshcular Gate (XXXXXX)
c. Power Gate (XXXXXX)
b. PCC Removal (211001)
b. 4" Sidewalk \$32,000 \$10,000 \$25,000 \$10,000 \$0 \$0 \$0 \$5,750 \$0 \$60,000 \$1.00 per SY-IN = \$180.00 per LF = \$5,000.00 per Each = \$5.00 per SY = \$25.00 per SY = \$20.00 per SF = Each LF SY LF SF \$0 \$78,000 \$0 B. STRUCTURE CONSTRUCTION \$4,050,000 \$4,455,000 1. Bridge Over Roadway or Highway 500 (LF) times 30 (width) = 15,000 SF \$270.00 per SF = 2. Old structure Removal
3. Retaining Wall (Modular Block) (607010)
0 (LF) times 5 (height) = 0 SF
(Assume 1* burled) 0 SF plus 10%= \$0 \$50.00 per SF = \$0 plus 10%= \$0 \$250.00 per SF = \$0 **\$4,455,000** C. LANDSCAPING \$36,467 \$47,407 \$400.00 per EA = Total \$36.467 \$47.407 D. MAINTENANCE OF TRAFFIC (including temporary tie-ins) \$316,045 \$243,111 E. PROJECT TRAFFIC ITEMS \$60,778 \$79,011 Signing Structures
 Path Lighting
 Pavement Markings \$0 \$0 \$79,011 \$7,500.00 per EA = 5 (Percentage of 1,3&5) \$60,778 \$10,000.00 per EA = ______ 4. XXXXX \$0 \$79,011 \$60,778 F. WETLAND MITIGATION \$0 1 2:1 ratio = 0.0 Ac., Times \$200,000.00 per Ac. = \$0 G. UTILITY RELOCATIONS IN CONTRACT \$97,245 \$126,418 Delmarva Electric
 Verizon
 Other Relocations 8 (Percentage of 1.3&5) \$97.245 Total \$97.245 H. SUBTOTAL \$6,046,270 \$7,050,150 I. MISCELLANEOUS ITEMS J. CONTRACTOR'S CONSTRUCTION ENGINEERING \$181,388 \$211,505 3 (Percentage of H) \$181,388 3 (Percentage of H) L. CONSTRUCTION CONTINGENCY \$604,627 \$705,015 10 (Percentage of H) \$604,627 \$705,015 M. TOTAL CONSTRUCTION COSTS (H thru L) \$8,222,927 \$9,588,205 N. CONSTRUCTION ENGINEERING \$1,233,439 \$1,438,231 15 (Percentage of M) O. TOTAL CONSTRUCTION COSTS (M + N) \$9,456,366 \$11,026,435 P. REIMBURSABLE UTILITY RELOCATIONS BY OTHERS \$0 \$0 \$0 DP Electric+ \$0 Verizon = Q. TRAFFIC SECTION ITEMS \$47,407 \$36,467 \$47,407 \$250,000.00 per EA = ___ Total \$47,407 \$36,467 \$9,492,832 \$11,073,842 CONSTRUCTION PROJECT ESTIMATE (O thru Q) HAZARDOUS MATERIALS \$0

April, 2021 Churchman's Crossing
Preliminary Cost Estimate - SB SR 1 to NB I-95 Connection

PAVEMENT PATCHING SECTION Milling and Overlay

Length Width

3,348 30 Sq Ft 100 440 Superpave, Type C, 160 Gyrations, PG 64-22 (carbonate stone) (401029) Tons Superpave, Type B, 160 Gyrations, PG 64-22 (401030) Tons 3 - 5 we, Bituminous Concrete Base Course, 160 Gyrations, PG 64-22 (401031) Tons c. Subbase: 4 - 8 inches of Graded Aggregate Base Course, Type B Patching (301002) CY | 1. GRADING | See Earthwork Summary Sheet | a. Excavation | 7,500 CY @ h Borrow | 3,500 CY @ \$330,000 \$429,000 \$292,500 \$105,000 \$136,500 \$429,000 Total \$330,000 2. DRAINAGE \$128,963 \$167.652 5 (Percentage of 1,3&5) Stormwater Management 1 \$37,652 \$100,000.00 per EA = ___ \$100,000 \$130,000 \$167,652 Total \$128,963 3. PAVEMENT PATCHING \$178,182 \$231,636 Full Depth Paving Only (1,2,3 & 4) Mill and Overlay Only (1a) 0 sf / 9 = 100,440 sf / 9 = \$140.00 per Ton = \$0 \$140.00 per Ton = \$178,182 Total (1) 0 SY Div. by (1a) 11,200 SY Div. by 0 1,273 \$231,636 \$130.00 per Ton = \$100.00 per Ton = Total c. Subbase:
(4) 0 SF times \$80.00 per CY = _____ 0.666667 ft /27cf/cy = 0 CY, Times \$0 \$0 4. EROSION / SEDIMENT CONTROL Included in Drainage \$n 5. MISCELLANEOUS \$71,081 \$92,405 a. 6" Curb & Gutter (701022) b. Hot-Mix SUP LF SF LF LS LS SY*2" = LF Each LF SY LF SY b. Hot-Mix SUP
c. Guardrail
d. CPM Schedule
e. Clearing/Grubbing (201000)
f. Field Office
g. Milling (760010)
h. Fencing (XXXXXX)
i. Vehicular Gate (XXXXXXX)
j. Sawcutting (762000)
k. PCC Removal (211001)
l. Underdrain (709001)
b.4° Sidewalk \$0 \$10,000 \$25,000 \$10,000 \$22,400 \$0 \$0 \$625 \$3,056 \$0 \$0 \$0 \$13,000 \$32,500 \$13,000 \$29,120 \$0 \$0 \$813 \$3,972 \$0 \$0 \$1.00 per SY-IN = \$180.00 per LF = \$5,000.00 per Each = \$5.00 per SY = \$25.00 per SY = \$20.00 per SF = 22,400 SY-IN,Times \$92,405 B. STRUCTURE CONSTRUCTION \$0 Bridge Over Roadway or Highway
 (LF) times 30 (width) = \$270.00 per SF = plus 10%= \$0 \$50.00 per SF = \$0 plus 10%= \$0 \$250.00 per SF = C. LANDSCAPING \$5,793 \$7,530 \$400.00 per EA = Total \$5.793 \$7.530 D. MAINTENANCE OF TRAFFIC (including temporary tie-ins) \$188,260 E. PROJECT TRAFFIC ITEMS \$17,378 \$22,591 Signing Structures
 Path Lighting
 Pavement Markings \$0 \$0 \$22,591 \$7,500.00 per EA = 3 (Percentage of 1,3&5) \$17.378 \$10,000.00 per EA = ______ 4. XXXXX \$0 **\$22,591** \$17,378 F. WETLAND MITIGATION \$0 1 2:1 ratio = 0.0 Ac., Times \$200,000.00 per Ac. = \$0 G. UTILITY RELOCATIONS IN CONTRACT \$46,341 \$60,243 Delmarva Electric
 Verizon
 Other Relocations \$0 \$0 8 (Percentage of 1.3&5) \$46.341 Total \$46,341 H. SUBTOTAL \$922,553 \$1,199,318 I. MISCELLANEOUS ITEMS \$184,511 \$239,864 J. CONTRACTOR'S CONSTRUCTION ENGINEERING \$27,677 \$35,980 3 (Percentage of H) \$27,677 K. INITIAL EXPENSE 3 (Percentage of H) L. CONSTRUCTION CONTINGENCY \$92,255 \$119,932 10 (Percentage of H) \$92,255 \$119,932 M. TOTAL CONSTRUCTION COSTS (H thru L) \$1,254,671 \$1,631,073 N. CONSTRUCTION ENGINEERING 15 (Percentage of M) O. TOTAL CONSTRUCTION COSTS (M + N) \$1,442,872 \$1,875,734 P. REIMBURSABLE UTILITY RELOCATIONS BY OTHERS \$0 \$0 \$0 DP Electric+ \$0 Verizon = Q. TRAFFIC SECTION ITEMS \$17,378 \$22,591 Signing
 Signals (Percentage of 1,3&5)
 EA \$17,378 \$22,591 \$250,000.00 per EA = _ Total \$22,591 \$17,378 CONSTRUCTION PROJECT ESTIMATE (O thru Q) \$1,460,250 \$1,898,325 HAZARDOUS MATERIALS \$0

Churchman's Crossing
Preliminary Cost Estimate - Christiana Bypass
2 Lane roadways with sidewalks, between Chapman Road and Eagle Run Road

a. Surface: 1-	2	PAVEMENT Superpave, Ty				onate stone) (401029) Tons		Full-depth Length 5,700	Width 32	Sq Ft 182,400	
. Base:	-	oupurpure, 1	, pc 0, 100 C	ryrulions, r o	OVER (OUI	oridic storic) (101025) 1015		Mill & Ove Length	rlay Width	Sq Ft	
2 -	3	Superpave, Ty	ype B, 160 G	yrations, PG	64-22 (4010	130) Tons			4,761	32	152,352	
3 -	5	Superpave, B	ituminous Co	oncrete Base	Course, 160	Gyrations, PG	64-22 (40103	1) Tons				
. Subbase: 4 -	8	inches of Grad	ded Aggregat	te Base Cour	se, Type B F	atching (3010	002) CY					
											Contigency	% Contingency 30
. GRADIN	See Earthw	ork Summary	Sheet								\$579,000	\$752,7
	Excavation Borrow		O CY @	\$30.00 \$30.00					Total	\$408,000 \$171,000	\$579,000	\$530,4 \$222,3 \$7 52, 7
. DRAINAG	GE.								Iotai		\$1,054,632	\$1,371,0
DIVAINA	20	(Percentage of	f 1 385)							\$954,632	\$1,004,002	\$1,241,0
Stormwater M		(i crocinage a	1	EA			\$100,000.00	per EA =	Total	\$100,000	\$1,054,632	\$130,0 \$1,371,0
. PAVEME	NT PATCE	HING									\$1,986,196	\$2,582,0
	182,400 152,352	sf / 9 = sf / 9 =	20,267 16,928	SY SY	Say Say		SY SY	Full Depth F Mill and Ove	aving Only rlay Only (1	(1,2,3 & 4) a)		
. Surface:								_				
(1) (1a)	20,300 17,000	SY Div. by SY Div. by	8.80 8.80	sy/ton = sy/ton =	2,307 1,932	Ton,Times Ton,Times	\$140.00 \$140.00	per Ton = per Ton =	Total	\$322,955 \$270,455	\$593,409	\$771,4
. Base:									TOTAL		\$393,409	\$771,*
(2)	20,300	SY Div. by SY Div. by	5.79 3.52	sy/ton = sy/ton =	3,506 5,767	Ton,Times Ton,Times	\$130.00 \$100.00	per Ton = per Ton =		\$455,786 \$576,705		
. Subbase:		-		•					Total		\$1,032,490	\$1,342,2
(4)	182,400	SF times	0.666667	ft /27cf/cy :	= 4,504	CY, Times	\$80.00	per CY =	Total	\$360,296	\$360,296	\$468,3
. EROSIO	N / SEDIMI	ENT CONTR	OL								\$0	
		Included in Dr	rainage							\$0		
. MISCELI	LANEOUS										\$2,207,964	\$2,870,3
. 6" Curb & 0	Gutter (7010	22)	16,150	LF			\$70.00	per LF =		\$1,130,500		\$1,469,6
. Hot-Mix SU . Guardrail . CPM Schei			0 0 1	SF LF LS			\$8.00 \$32.00	per SF = per LF =		\$0 \$0 \$10,000		\$13,0
. CPM Schel . Clearing/Gr Field Office	rubbing (201	000)	1	LS LS						\$25,000 \$10,000		\$13,0 \$32,5 \$13.0
. Milling (760 . Fencing (X	0010)		17,000 0	SY * 2* =	34,000	SY-IN,Times	\$1.00 \$180.00	per SY-IN = per LF =		\$10,000 \$34,000 \$0		\$13,0
Vehicular G Sawcutting	ate (XXXXX	X)	0 615	Each LF			\$5,000.00 \$5.00	per Each = per LF =		\$0 \$3,075		\$3.9
. PCC Remo Underdrain	oval (211001)	1,056 5,700	SY LF			\$25.00 \$25.00	per SY = per LF =		\$26,389 \$114,000		\$34,3 \$148,2
.4" Sidewalk			57,000	SF			\$15.00	per SF =		\$855,000		\$1,111,5
									Total		\$2,207,964	\$2,870,
		STRUCTION									\$2,274,300	\$2,501,7
. Bridge Ove 150	r Roadway o (LF) times	or Highway 42	2 (width) =	6,300	SF		\$361.00	per SF =		\$2,274,300	plus 10%=	\$2,501,7
										\$0	plus 10%=	
			5 (height) =	0	SF		\$50.00	per SF =		\$0 \$0	plus 10%= plus 10%=	
I. Retaining V	Vall (Modula (LF) times	r Block) (6070 (Assume 1' bu	5 (height) =	0 SF	SF		\$50.00 \$250.00	per SF =			plus 10%=	
. Retaining V 0 . Box Culver	Wall (Modula (LF) times t		5 (height) = uried)		SF				Total	\$0	plus 10%= plus 10%= \$2,274,300	\$2,501,7
. Retaining V	Wall (Modula (LF) times t		5 (height) = uried) 0	SF					Total	\$0 \$0_	plus 10%=	\$2,501,7 \$186,1
Box Culvers LANDSC Topsoil / Se	Wall (Modula (LF) times t		5 (height) = uried)				\$250.00		Total	\$0	plus 10%= plus 10%= \$2,274,300	\$2,501,7 \$186,1 \$186.1
. Retaining V 0 . Box Culveri . LANDSC . Topsoil / Se . Plantings	Wall (Modula (LF) times t APING eed / Mulch	(Assume 1' bu	5 (height) = uried) 0	SF (Percentage	e of 1,3&5)		\$250.00	per SF =	Total	\$0 \$0_ \$143,195	plus 10%= plus 10%= \$2,274,300	\$186,1 \$186,1
Box Culveri LANDSC Topsoil / Se Plantings	Wall (Modula (LF) times t APING eed / Mulch	(Assume 1' bu	5 (height) = uried) 0 3 0	SF (Percentage	e of 1,3&5)		\$250.00	per SF =		\$0 \$0_ \$143,195 \$0	plus 10%= plus 10%= \$2,274,300 \$143,195	\$186,1 \$186, \$186,
Box Culverice LANDSC. Topsoil / Sc. Plantings D. MAINTEN	Wall (Modula (LF) times t APING eed / Mulch NANCE OF	(Assume 1' bu	5 (height) = uried) 0 3 0	SF (Percentage	e of 1,3&5)		\$250.00	per SF =		\$0 \$0_ \$143,195	plus 10%= plus 10%= \$2,274,300 \$143,195 \$143,195	\$186,1 \$186; \$186,1
. Retaining V 0 . Box Culveri C. LANDSC . Topsoil / Sc . Plantings . MAINTEN	Wall (Modula (LF) times t t APING eed / Mulch NANCE OF 3	(Assume 1' bu	5 (height) = uried) 0 3 0	SF (Percentage	e of 1,3&5)		\$250.00	per SF =		\$0 \$0 _ \$143,195 \$0 \$143,195	plus 10%= plus 10%= \$2,274,300 \$143,195	\$2,501,1 \$186,1 \$186,1 \$186,1
. Retaining V 0 . Box Culveri . LANDSC . Topsoil / Sr . Plantings . PROJEC . Signing Str . Path Lighti	Wall (Modula (LF) times t t APING eed / Mulch NANCE OF 3 T TRAFFIC ructures	(Assume 1' bu	5 (height) = uried) 0 3 0	(Percentage	e of 1,385)		\$250.00	per SF =		\$0	plus 10%= plus 10%= \$2,274,300 \$143,195 \$143,195	\$2,501,7 \$186,1 \$186,1 \$186,1 \$186,1
. Retaining V 0 . Box Culveri C. LANDSC . Topsoil / Sc . Plantings D. MAINTEN E. PROJEC . Signing Str . Path Lightin	Wall (Modula (LF) times t t APING eed / Mulch NANCE OF 3 T TRAFFIC ructures	(Assume 1' bu	5 (height) = uried) 0 3 0	SF (Percentage	e of 1,385)		\$250.00	per SF = per EA =	Total	\$0 \$0_ \$143,195 \$0 \$143,195	plus 10%= plus 10%= \$2,274,300 \$143,195 \$143,195 \$143,195	\$2,501,7 \$186,1 \$186,1 \$186,1 \$186,1
. Retaining V O . Box Culveri C. LANDSC . Topsoil / Sr. Plantings D. MAINTEN E. PROJEC . Signing Str Path Lightli P averment I XXXXX	Wall (Modula (LF) times t APING eed / Mulch NANCE OF 3 TTRAFFIC ructures ng Markings	(Assume 1' bu	5 (height) = uried) 0 3 0	(Percentage	e of 1,385)		\$250.00 \$400.00 \$7,500.00	per SF = per EA =		\$0 _ \$0 _ \$143,195 \$143,195 \$0 \$143,195	plus 10%= plus 10%= \$2,274,300 \$143,195 \$143,195 \$143,195	\$2,501,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1
. Retaining V O D Box Culveri C. LANDSC Topsoil / Sr Plantings D. MAINTEN C. PROJEC Signing Str Path Lightin Pavement I XXXXX	Wall (Modula (LF) times t APING end / Mulch NANCE OF 3 T TRAFFIC ructures ng Markings D MITIGAT	(Assume 1' bi	5 (height) = uried) 0 3 0 occluding ter st 1,3&5)	(Percentage	e of 1,385)	As Times	\$250.00 \$400.00 \$7,500.00 \$10,000.00	per SF = per EA = per EA = per EA =	Total	\$0 _ \$0 _ \$0 _ \$143,195 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	plus 10%= plus 10%= \$2,274,300 \$143,195 \$143,195 \$143,195	\$186,1 \$186, \$186, \$186,1 \$186,1 \$186,1 \$186,2
. Retaining V O . Box Culveri . LANDSC . Topsoil / St Plantings D. MAINTEN . Signing Str . Path Lightli . XXXXX . WETLAN	Wall (Module (LF) times t APING eed / Mulch NANCE OF 3 T TRAFFIC ructures ng Markings D MITIGAT 5.0	(Assume 1' bi TRAFFIC (ir (Percentage of	5 (height) = uried) 0 3 0 0 accluding ter 3 (1,3&5)	(Percentage	e of 1,385)	Ac., Times	\$250.00 \$400.00 \$7,500.00	per SF = per EA = per EA = per EA =	Total	\$0 _ \$0 _ \$143,195 \$143,195 \$0 \$143,195	plus 10%= plus 10%= \$2,274,300 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195	\$2,501,7 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$1,000,0 \$1,300,0
. Retaining V O . Box Culveri . LANDSC . LANDSC . Topsoil / Sr Plantings . MAINTEN . Signing Str . Path Lightin . XXXXX . WETLAN . UTILITY	Nall (Modula (LF) times t APING eed / Mulch NANCE OF 3 T TRAFFIC ructures ng Markings D MITIGAT 5.0 RELOCAT	(Assume 1' bi	5 (height) = uried) 0 3 0 0 accluding ter 3 (1,3&5)	(Percentage	e of 1,385)	Ac., Times	\$250.00 \$400.00 \$7,500.00 \$10,000.00	per SF = per EA = per EA = per EA =	Total	\$0 _ \$0 _ \$0 _ \$143,195 \$0 _ \$143,195 \$0 \$0 \$143,195 \$0 \$143,195 \$0 \$1,000,000 \$1,000,000	plus 10%= plus 10%= \$2,274,300 \$143,195 \$143,195 \$143,195	\$2,501,7 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$1,000,0 \$1,300,0 \$1,86,1
. Retaining V . Box Culveri . LANDSC . Topsoil / Sc . Plantings . MAINTEN . PROJEC . Signing Str . Path Lightis . Pavement I . XXXXX . WETLAN . UTILITY I . Delmarva E . Verizon	Nall (Modula: (LF) times t APING eed / Mulch NANCE OF 3 T TRAFFIC rung Markings D MITIGAT 5.0 RELOCAT	(Assume 1' bi TRAFFIC (ir (Percentage of	5 (height) = uried) 0 3 0 0 accluding ter 3 (1,3&5)	(Percentage	e of 1,3&5) →ins) e of 1,3&5)	Ac., Times	\$250.00 \$400.00 \$7,500.00 \$10,000.00	per SF = per EA = per EA = per EA =	Total	\$0 _ \$0 _ \$0 _ \$143,195 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$1,000,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	plus 10%= plus 10%= \$2,274,300 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195	\$2,501,7 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$1,000,0 \$1,300,0 \$1,86,1
Retaining 0 Box Culveri LANDSC Topsoil / Sc Plantings MAINTEN PROJEC Signing Str Path Lightis Pavement I XXXXX WETLAN B. UTILITY Delmaya E Verizon	Nall (Modula: (LF) times t APING eed / Mulch NANCE OF 3 T TRAFFIC rung Markings D MITIGAT 5.0 RELOCAT	(Assume 1' bi TRAFFIC (ir (Percentage of	5 (height) = uried) 0 3 0 0 ncluding ter of 1,38.5) 3	(Percentage (Percentage (Percentage 2:1 ratio =	e of 1,3&5) →ins) e of 1,3&5)	Ac., Times	\$250.00 \$400.00 \$7,500.00 \$10,000.00	per SF = per EA = per EA = per EA =	Total	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	plus 10%= plus 10%= \$2,274,300 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195	\$2,501,7 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$1,000,0 \$1,300,0 \$186,1
Retaining V Box Culveri LANDSC Topsoil / St Plantings MAINTEN PROJEC Signing Str Path Lightin Pavement I XXXXX WETLAN BUTILITY Delmarva E Verizon Other Reloi	wall (Module) (LF) times to the control of the cont	(Assume 1' bi TRAFFIC (ir (Percentage of	5 (height) = uried) 0 3 0 0 ncluding ter of 1,38.5) 3	(Percentage (Percentage (Percentage 2:1 ratio =	e of 1,3&5) →ins) e of 1,3&5)	Ac., Times	\$250.00 \$400.00 \$7,500.00 \$10,000.00	per SF = per EA = per EA = per EA =	Total	\$0 _ \$0 _ \$0 _ \$143,195 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$1,000,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	plus 10%= plus 10%= \$2,274,300 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195	\$2,501,7 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$1,000,0 \$1,300,0 \$186,1 \$186,1
Retaining J. Box Culvert LANDSC Topsail / S. Topsail /	wall (Module (LF) times of the control of the contr	TRAFFIC (ir (Percentage of ITEMS	5 (height) = uried) 0 3 0 0 ncluding ter of 1,38.5) 3	(Percentage (Percentage (Percentage 2:1 ratio =	e of 1,3&5) →ins) e of 1,3&5)	Ac., Times	\$250.00 \$400.00 \$7,500.00 \$10,000.00	per SF = per EA = per EA = per EA =	Total	\$0 _ \$0 _ \$0 _ \$143,195 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$1,000,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	plus 10%= plus 10%= \$2,274,300 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195	\$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$1,000,0 \$1,300,1 \$186,1 \$186,5
Retaining J Box Culvert LANDSC Topsoil / St	wall (Module (LF) times of the control of the contr	(Assume 1' bi TRAFFIC (ir (Percentage of ITEMS) TON Acres times IONS IN CON	5 (height) = 0 3 0 0 13 0 1 1,385)	(Percentage (Percentage (Percentage 2:1 ratio =	e of 1,3&5) →ins) e of 1,3&5)	Ac., Times	\$250.00 \$400.00 \$7,500.00 \$10,000.00	per SF = per EA = per EA = per EA =	Total	\$0 _ \$0 _ \$0 _ \$143,195 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$1,000,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	plus 10%= plus 10%= \$2,274,300 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195	\$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$1,000,0 \$1,300,1 \$186,1 \$186,2 \$1,300,1 \$186,2 \$1,300,1 \$1,
Retaining Box Culvert Box Culvert Topsoil (St. Plantings Plantings MAINTEN PROJEC Signing Str. Pah Light Particular WETLAN Unitary Uni	vial (Mode) (LF) times to the control of the contro	TRAFFIC (ir (Percentage of ITEMS	5 (height) = 0 3 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SF (Percentage (Percentage 2-1 ratio =	e of 1,3&5) →ins) e of 1,3&5)	Ac., Times	\$250.00 \$400.00 \$7,500.00 \$10,000.00	per SF = per EA = per EA = per EA =	Total	\$0 _ \$0 _ \$0 _ \$143,195 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$1,000,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	plus 10%= plus 10%= \$2,274,300 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195	\$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$1,000,0 \$1,300
Retaining J Box Culvert Topsoil (St) Plantings MAINTEN PROJEC Signing Str Pah Light Panement WETLAN UTILITY () Delmarva E Verizon Other Radon SUBTOT.	vial (Mode) (LF) times to the control of the contro	(Assume 1' bu TRAFFIC (ir (Percentage of TITEMS) TON Acres times TONS IN CON TEMS TEMS (Percentage of CONSTRUCTION)	5 (height) = 1 on the light of	SF (Percentage (Percentage 2-1 ratio =	e of 1,3&5) →ins) e of 1,3&5)	Ac., Times	\$250.00 \$400.00 \$7,500.00 \$10,000.00	per SF = per EA = per EA = per EA =	Total	\$0 _ \$0 _ \$0 _ \$143,195 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$1,000,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	plus 10%= plus 10%= \$2,274,300 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195	\$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$1,000,0 \$1,300,1 \$186,1 \$186,2 \$1,300,1 \$
Retaining J Box Culvert O Box Culvert Topsoil St Plantings MAINTEN PROJEC Signing Stir Path Lightin Pawment Unitary Unitary Unitary Unitary Street	vial (Mode) (LF) times to the control of the contro	(Assume 1' bu TRAFFIC (ir (Percentage of ITEMS) TON Acres times IONS IN CON	5 (height) = 1 on the light of	SF (Percentage (Percentage 2-1 ratio =	e of 1,3&5) →ins) e of 1,3&5)	Ac., Times	\$250.00 \$400.00 \$7,500.00 \$10,000.00	per SF = per EA = per EA = per EA =	Total	\$0 _ \$0 _ \$0 _ \$143,195 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$1,000,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	plus 10%= plus 10%= \$2,274,300 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195	\$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$1,000,0 \$1,300,0 \$
Retaining J Box Culvert O Box Culvert Topsoil St Plantings MAINTEN PROJEC Signing Stir Path Lightin Pawment Unitary Unitary Unitary Unitary Street	vial (Mode) (LF) times to the control of the contro	(Assume 1' bu TRAFFIC (ir (Percentage of ITEMS) TON Acres times IONS IN CON ITEMS (Percentage of ONSTRUCTI (Percentage of ONSTRUCTI (Percentage of ONSTRUCTI)	5 (height) = 0 3 0 0 0 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SF (Percentage (Percentage 2-1 ratio =	e of 1,3&5) →ins) e of 1,3&5)	Ac., Times	\$250.00 \$400.00 \$7,500.00 \$10,000.00	per SF = per EA = per EA = per EA =	Total	\$0 _ \$0 _ \$0 _ \$143,195 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$1,000,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	plus 10%= plus 10%= \$2,274,300 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195	\$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$1,000,0 \$1,300,0 \$1,
Retaining J Box Culvert Topsoil St Plantings MAINTEN PROJEC Signing Stir Path Lightin Pawman Lightin United States United States United States	vial (Mode) (LF) times to the control of the contro	(Assume 1' bu TRAFFIC (ir (Percentage of TITEMS) TON Acres times TONS IN CON TEMS TEMS (Percentage of CONSTRUCTION)	5 (height) = 0 3 0 0 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SF (Percentage (Percentage 2-1 ratio =	e of 1,3&5) →ins) e of 1,3&5)	Ac., Times	\$250.00 \$400.00 \$7,500.00 \$10,000.00	per SF = per EA = per EA = per EA =	Total	\$0 _ \$0 _ \$0 _ \$143,195 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$1,000,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	plus 10%= plus 10%= \$2,274,300 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195	\$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$1,000,0 \$1,300,0 \$
Retaining J Box Culvert Topsoil St Plantings MAINTEN PROJEC Signing Stir Path Lightin Pawman Lightin United States United States United States	vial (Mode) (LF) times to the control of the contro	(Assume 1' bu TRAFFIC (ir (Percentage of ITEMS) TON Acres times IONS IN CON ICEMS ICEMS	5 (height) = 0 3 0 0 0 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SF (Percentage (Percentage 2-1 ratio =	e of 1,3&5) →ins) e of 1,3&5)	Ac., Times	\$250.00 \$400.00 \$7,500.00 \$10,000.00	per SF = per EA = per EA = per EA =	Total	\$0 _ \$0 _ \$0 _ \$143,195 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$1,000,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	plus 10%= plus 10%= \$2,274,300 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195	\$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$1,000,0 \$1,300,0 \$1,
Retaining Box Culvert Box Culvert Topsoil (st. LANDSC Topsoil (st. LANDSC) Topsoil (st. LANDSC) Topsoil (st. LANDSC) Topsoil (st. LANDSC) Signing Str. Landsc) Signing Str. Landsc) L	vial (Mode) (LF) times to the control of the contro	(Assume 1' bu TRAFFIC (ir (Percentage of ITEMS) TON Acres times IONS IN CON ICENS ICENS	5 (height) = 0 3 0 0 0 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SF (Percentage (Percentage 2:1 ratio = (Percentage	e of 1,3&5) →ins) e of 1,3&5)	Ac., Times	\$250.00 \$400.00 \$7,500.00 \$10,000.00	per SF = per EA = per EA = per EA =	Total	\$0 _ \$0 _ \$0 _ \$143,195 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$1,000,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	plus 10%= plus 10%= \$1277,300 \$143,195	\$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$1,000,0 \$1,300,0 \$1,
Retaining J Box Culvert D Box Culvert Topsoil St Plantings MAINTER PROJEC Signing St Path Lightin Pawment D Unitarity Left Common St L	val (Mode) (LF) times to the control of the control	(Assume 1' bu TRAFFIC (ir (Percentage c TITEMS TON Acres times TONS IN CON TEMS (Percentage c ONSTRUCTI (Percentage c ONTINGENC (Percentage c	3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SF (Percentage (Percentage 2:1 ratio = (Percentage	e of 1,3&5) →ins) e of 1,3&5)	Ac., Times	\$250.00 \$400.00 \$7,500.00 \$10,000.00	per SF = per EA = per EA = per EA =	Total	\$0 _ \$0 _ \$0 _ \$143,195 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$1,000,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	plus 10%= plus 10%= \$2,274,300 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$1,000,000 \$143,195 \$1,334,974 \$1,334,974 \$1,334,974 \$290,246 \$290,246 \$290,246 \$290,246 \$290,246 \$290,246 \$290,246 \$290,246 \$290,246 \$290,246	\$2,501,7 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$1,000,0 \$1,000,0 \$1,000,0 \$1,000,0 \$1,000,0 \$1,000,0 \$1,00
Retaining J Box Culvert D Box Culvert Topsoil St Plantings MAINTER PROJEC Signing St Path Lightin Pawment D Unitarity Left Common St L	wall (Mode) (LF) times to the control of the contro	(Assume 1' bu TRAFFIC (ir (Percentage of TITEMS) TON Acres times TONS IN CON ICENS TEMS (Percentage of Construction (Percentage of Cons	3 O O O O O O O O O O O O O O O O O O O	SF (Percentage (Percentage 2:1 ratio = (Percentage	e of 1,3&5) →ins) e of 1,3&5)	Ac., Times	\$250.00 \$400.00 \$7,500.00 \$10,000.00	per SF = per EA = per EA = per EA =	Total	\$0 _ \$0 _ \$0 _ \$143,195 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$1,000,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	plus 10%= plus 10%= \$1274,300 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$1,000,000 \$143,195 \$1,000,000 \$143,195 \$1,000,000 \$143,195 \$1,000,000 \$143,195 \$1,000,000 \$143,195 \$1,000,000 \$143,195 \$1,000,000 \$143,195 \$1,000,000 \$143,195 \$1,000,000 \$143,195 \$1,000,000 \$143,195 \$1,000,000 \$143,195 \$1,000,000 \$143,195 \$1,000,000 \$143,195 \$1,000,000 \$143,195 \$1,000,000 \$	\$2,501,7 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$1,000,0 \$1,000,0 \$1,000,0 \$1,000,0 \$1,000,0 \$1,000,0 \$1,00
Retaining J Box Culvert Box Culvert Topsoil St Plantings MAINTEN PROJEC Signing St Path Lighti Pawment United St Pawment	val (Mode) (LF) times val (Mode) (LF) times val (Mode) (LF) times val val (Mode) (LF) times val	(Assume 1' bu TRAFFIC (Ir (Percentage of ITEMS) TON Acres times TONS IN CON TEMS (Percentage of ITEMS)	5 (height) = 0 3 0 0 1 3 1 1 1 1 TRACT 3 4 H) ON ENGINI 4 H) 4 H) 4 H) 5 S (H thru L	SF (Percentage (Percentage 2:1 ratio = (Percentage	e of 1,3&5) →ins) e of 1,3&5)	Ac., Times	\$250.00 \$400.00 \$7,500.00 \$10,000.00	per SF = per EA = per EA = per EA =	Total	\$0 _ \$0 _ \$0 _ \$143,195 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$1,000,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	plus 10%= plus 10%= \$1274,300 \$143,195	\$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$1,000,0 \$1,000,0 \$1,300,0 \$1,300,0 \$1,300,0 \$1,300,0 \$1,300,0 \$1,182,2,364,4 \$354,6 \$354,6 \$354,1 \$1,182,2 \$1,182,2 \$1,182,2 \$2,364,4 \$354,6
Retaining Laboratory of the Control	vial (Mode) (LF) times vial (Mode) (LF) times vial vial vial vial vial vial vial vial	(Assume 1' bu TRAFFIC (Ir (Percentage of TITEMS TITEMS TITEMS TON Acres times TONS IN CON (Percentage of Control	5 (height) = 1	SF (Percentage (Percentage 2:1 ratio = (Percentage	5.0 of 1.385)	Ac., Times	\$250.00 \$400.00 \$7,500.00 \$10,000.00	per SF = per EA = per EA = per EA =	Total	\$0 _ \$0 _ \$0 _ \$143,195 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$1,000,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	plus 10%= plus 10%= \$2,274,300 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$1,000,000 \$143,195 \$1,000,000 \$1,	\$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$1,000,0 \$1,000,0 \$1,300,0 \$1,300,0 \$1,300,0 \$1,300,0 \$1,300,0 \$1,300,0 \$1,300,0 \$1,300,0 \$1,300,0 \$1,300,0 \$1,300,0 \$1,1822,4 \$2,364,4 \$3,54,6 \$3,54,
Retaining Laboratory of the Control	vial (Mode) (LF) times vial (Mode) (LF) times vial vial vial vial vial vial vial vial	(Assume 1' bu TRAFFIC (Ir (Percentage of ITEMS) TON Acres times TONS IN CON TEMS (Percentage of ITEMS)	5 (height) = 1	SF (Percentage (Percentage 2:1 ratio = (Percentage	5.0 of 1.385)		\$250.00	per EA = per EA = per EA =	Total	\$0 _ \$0 _ \$0 _ \$143,195 \$0 _ \$0 _ \$0 _ \$143,195 \$0 _ \$0 _ \$143,195 \$0 _ \$0 _ \$143,195 \$0 _ \$0 _ \$143,195 \$0 _ \$0 _ \$143,195 \$0 _ \$0 _ \$0 _ \$0 _ \$0 _ \$0 _ \$0 _ \$0	plus 10%= plus 10%= \$1274,300 \$143,195	\$2,501,7 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$1,000,0 \$1,000,0 \$1,000,0 \$1,000,0 \$1,000,0 \$1,1,822,4 \$2,364,4 \$3,54,6 \$3,54,6 \$1,1,822,4 \$1,1,82
Retaining Laboratory of the Control	wall (Mode) (LF) times to the control of the contro	(Assume 1' bu TRAFFIC (ir (Percentage of the transport of trans	5 (height) = 1	SF (Percentage (Percentage 2:1 ratio = (Percentage	5.0 of 1.385)	Ac., Times	\$250.00 \$400.00 \$7,500.00 \$10,000.00	per SF = per EA = per EA = per EA =	Total	\$0 _ \$0 _ \$0 _ \$143,195 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$1,000,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	plus 10%= plus 10%= \$2,274,300 \$143,195	\$2,501,7 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$1,000,0 \$1,300,0 \$186,1 \$11,822,4 \$2,364,4 \$3,54,6 \$3,54,6 \$11,822,2 \$1,182
Retaining Laboratory of the Control	wall (Mode) (LF) times to the control of the contro	(Assume 1' bu TRAFFIC (ir (Percentage of the transport of trans	5 (height) = 1	SF (Percentage (Percentage 2:1 ratio = (Percentage 4:1 ratio = (P	5.0 of 1.385)		\$250.00	per EA = per EA = per EA =	Total	\$0 _ \$0 _ \$0 _ \$143,195 \$0 _ \$0 _ \$0 _ \$143,195 \$0 _ \$0 _ \$143,195 \$0 _ \$0 _ \$143,195 \$0 _ \$0 _ \$143,195 \$0 _ \$0 _ \$143,195 \$0 _ \$0 _ \$0 _ \$0 _ \$0 _ \$0 _ \$0 _ \$0	plus 10%= plus 10%= \$2,274,300 \$143,195 \$143,195 \$143,195 \$143,195 \$143,195 \$1,000,000 \$143,195 \$1,000,000 \$1,	\$2,501,7 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$1,000,0 \$1,300,0 \$186,1 \$18,22,4 \$2,364,4 \$3,54,6 \$3,54,6 \$1,182,2
. Retaining Laboratory of the Control of the Contro	wall (Mode) (LF) times to the control of the contro	(Assume 1' bu TRAFFIC (ir (Percentage of the transport of trans	5 (height) = 1	SF (Percentage (Percentage 2:1 ratio = (Percentage	5.0 of 1.385)		\$250.00	per EA = per EA = per EA =	Total Total Verizon =	\$143,195 \$143,195 \$143,195 \$1,000,000 \$1,000,000 \$1,000,000	plus 10%= plus 10%= \$2,274,300 \$143,195	\$2,501,7.3 \$186,1: \$186,1: \$186,1: \$186,1: \$186,1: \$1,000,0: \$1,000,0: \$186,1: \$11,822,4: \$2,364,4: \$354,6: \$354,6: \$11,822,4: \$1,182,4:
Retaining Laboratory of the Control	wall (Mode) (LF) times to the control of the contro	(Assume 1' bu TRAFFIC (ir (Percentage of the transport of trans	5 (height) = 1 (height) = 3 (he	SF (Percentage (Percentage 2:1 ratio = (Percentage) (Percentage) (Percentage) (Percentage)	5.0 of 1.385)		\$250.00 \$400.00 \$7,500.00 \$10,000.00 \$200,000.00 DP Electric+	per EA = per EA = per EA =	Total	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	plus 10%= plus 10%= \$2,274,300 \$143,195	\$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$186,1 \$1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,

Churchman's Crossing Preliminary Cost Estimate - Eagle Run Road Connector to Samoset Drive

PAVEMENT PATCHING SECTION a. Surface: 1- 2" Length Width 3,341 60 Superpave, Type C, 160 Gyrations, PG 64-22 (carbonate stone) (401029) Tons Superpave, Type B, 160 Gyrations, PG 64-22 (401030) Tons c. Subbase: 4 - 8 inches of Graded Aggregate Base Course, Type B Patching (301002) CY % Contingency 1. GRADING

See Earthwork Summary Sheet
a. Excavation 14,849 CY @
b. Borrow 2,000 CY @
Assuming roughly 2' of fill in raised on \$505,467 \$657,107 \$579,107 \$78,000 **\$657,107** Total \$505,467 \$688.545 \$895,108 2. DRAINAGE \$895,108 \$100,000.00 per EA = ______ \$0 \$895,108 \$688,545 3. PAVEMENT PATCHING \$1,884,957 \$2,450,444 200,460 sf / 9 = 0 sf / 9 = Full Depth Paving Only (1,2,3 & 4) Mill and Overlay Only (1a) \$354,773 \$0 \$461,205 \$130.00 per Ton = \$100.00 per Ton = Total \$633,523 c. Subbase: (4) 200,460 SF times \$80.00 per CY = ______ 0.666667 ft /27cf/cy = 4,950 CY, Times \$395,970 \$395,970 \$514,761 4. EROSION / SEDIMENT CONTROL 5. MISCELLANEOUS \$1,052,300 \$1,367,990 a. "Gut & Guster (201022) b. Hot-Mar SUP (8 wide) b. Hot-Mar SUP (8 wide) c. CPN Schedule c. CPN Schedule c. Clearing (760010) h. Fencing (0XXXXX) j. Sawcutting (762000) k. PCC Removal (211001) b. PCC Removal (211001) l. Underdrain (709001) l. Underdrain (709001) h. 4" Sidewall \$1.00 per SY-IN = \$180.00 per LF = \$5,000.00 per Each = \$5.00 per SY = \$25.00 per SY = \$20.00 per SF = 0 Each 6,682 LF 0 SY 0 LF 33,410 SF m. 4" Sidewall \$501,150 \$651,495 \$1,367,990 B. STRUCTURE CONSTRUCTION \$20,794,800 \$22,874,280 1. Bridge over I-95 ### (LF) times 58 (width) = 74,240 SF \$270.00 per SF = 2. Old structure Removal
3. Retaining Wall (Modular Block) (607010)
0 ### (LF) times 15 (height) = 15,000 SF
(Assume 1' burlied)
0 SF

SF \$0 plus 10%= \$0 \$50.00 per SF = \$750,000 plus 10%= \$825,000 \$0 \$22,874,280 C. LANDSCAPING \$172,136 \$223,777 \$223,777 \$0 \$400.00 per EA = Total \$172.136 \$223,777 D. MAINTENANCE OF TRAFFIC (including temporary tie-ins) \$895,108 E. PROJECT TRAFFIC ITEMS \$181,354 \$235,761 Signing Structures
 Path Lighting
 Pavement Markings \$7,500.00 per EA = (Percentage of 1,3&5) \$10,000.00 per EA = ______ 4. XXXXX \$0 \$235,761 \$181,354 F. WETLAND MITIGATION \$0 1 2:1 ratio = 0.0 Ac., Times \$200,000.00 per Ac. = \$0 G. UTILITY RELOCATIONS IN CONTRACT \$275,418 \$358,043 Delmarva Electric
 Verizon
 Other Relocations 8 (Percentage of 1,3&5) \$275,418 Total \$275,418 H. SUBTOTAL \$26,243,521 \$29,957,618 I. MISCELLANEOUS ITEMS J. CONTRACTOR'S CONSTRUCTION ENGINEERING \$787,306 \$898,729 3 (Percentage of H) 3 (Percentage of H) L. CONSTRUCTION CONTINGENCY \$2,624,352 \$2,995,762 10 (Percentage of H) \$2,624,352 \$2,995,762 M. TOTAL CONSTRUCTION COSTS (H thru L) \$35,691,189 \$40,742,360 N. CONSTRUCTION ENGINEERING \$5,353,678 \$6,111,354 15 (Percentage of M) O. TOTAL CONSTRUCTION COSTS (M + N) \$41,044,867 \$46,853,714 P. REIMBURSABLE UTILITY RELOCATIONS BY OTHERS \$5,000,000 \$6,500,000 \$5,000,000 DP Electric+ \$0 Verizon = \$5,000,000 Q. TRAFFIC SECTION ITEMS \$44,755 \$34,427 \$44,755 \$250,000.00 per EA = ___ Total \$44,755 \$34,427 \$46,079,294 \$53,398,469 CONSTRUCTION PROJECT ESTIMATE (O thru Q) HAZARDOUS MATERIALS \$0

Churchman's Crossing
Preliminary Cost Estimate - Opening Samoset Drive/Continental Drive: SR 4 to Churchman's Road

PAVEMENT PATCHING SECTION Length Width 2,600 50 Superpave, Type C, 160 Gyrations, PG 64-22 (carbonate stone) (401029) Tons Superpave, Type B, 160 Gyrations, PG 64-22 (401030) Tons c. Subbase: 4 - 8 See Earthwork Summary Sheet
a. Excavation 9,630 CY @
b. Borrow 2,000 CY @
Assuming roughly 2' of fill in raised on \$453,556 \$375,556 Total \$348,889 \$497.382 \$646,596 2. DRAINAGE \$646,596 \$646,596 \$497,382 3. PAVEMENT PATCHING \$1,592,455 \$1,224,965 000 sf / 9 = 0 sf / 9 = Full Depth Paving Only (1,2,3 & 4) Mill and Overlay Only (1a) \$130.00 per Ton = \$100.00 per Ton = Total \$958,741 c. Subbase: (4) 130,000 SF times 0.666667 ft /27cf/cy = 3,210 CY, Times \$256,790 \$256,790 \$333,827 4. EROSION / SEDIMENT CONTROL 5. MISCELLANEOUS \$913,056 \$1,186,972 a. "Gut & Guster (201022) b. Hot-Mar SUP (8 wide) b. Hot-Mar SUP (8 wide) c. CPN Schedule c. CPN Schedule c. Clearing (760010) h. Fencing (0XXXXX) j. Sawcutting (762000) k. PCC Removal (211001) b. PCC Removal (211001) l. Underdrain (709001) l. Underdrain (709001) h. 4" Sidewall m. 4" Sidewalk \$390,000 \$507,000 B. STRUCTURE CONSTRUCTION 1. XXXXX 0 (LF) times \$84.00 per SF = U (-) 2. Old structure Removal 3. Retaining Wall (Modular Block) (607010) 3. Retaining Wall (Modular Block) (607010) (height) = 0 SF (Assume 1* burled) SF \$0 \$50.00 per SF = \$0 plus 10%= C. LANDSCAPING \$124,345 \$161,649 \$400.00 per EA = Total \$124.345 \$161.649 D. MAINTENANCE OF TRAFFIC (including temporary tie-ins) \$32,330 E. PROJECT TRAFFIC ITEMS \$162,238 \$210,910 Signing Structures
 Path Lighting
 Pavement Markings \$7,500.00 per EA = (Percentage of 1,3&5) \$10,000.00 per EA = ______ 4. XXXXX \$0 **\$210,910** \$162,238 F. WETLAND MITIGATION \$0 2:1 ratio = 0.0 Ac., Times \$200,000.00 per Ac. = \$0 G. UTILITY RELOCATIONS IN CONTRACT \$198,953 \$258,639 Delmarva Electric
 Verizon
 Other Relocations 8 (Percentage of 1.3&5) \$198,953 \$198.953 H. SUBTOTAL \$3,494,697 \$4,543,106 I. MISCELLANEOUS ITEMS \$698,939 J. CONTRACTOR'S CONSTRUCTION ENGINEERING \$104,841 \$136,293 3 (Percentage of H) \$104,841 \$454,311 L. CONSTRUCTION CONTINGENCY \$349,470 10 (Percentage of H) \$454,311 M. TOTAL CONSTRUCTION COSTS (H thru L) \$4,752,788 \$6,178,624 N. CONSTRUCTION ENGINEERING \$926,794 15 (Percentage of M) O. TOTAL CONSTRUCTION COSTS (M + N) \$5,465,706 \$7,105,418 P. REIMBURSABLE UTILITY RELOCATIONS BY OTHERS \$0 \$0 DP Electric+ \$0 Verizon = Q. TRAFFIC SECTION ITEMS \$32,330 \$24.869 \$32,330 \$250,000.00 per EA = ___ \$0 \$32,330 Total \$24,869 \$5,490,575 \$7,137,748 CONSTRUCTION PROJECT ESTIMATE (O thru Q)

\$0

Churchman's Crossing
ents at the Telegraph Road and St James Road Railroad Underpass Preliminary Cost Estimate - Improven

PAVEMENT PATCHING SECTION
 Length
 Width
 Sq Ft

 250
 34
 8,500
 Superpave, Type C, 160 Gyrations, PG 64-22 (carbonate stone) (401029) Tons Superpave, Type B, 160 Gyrations, PG 64-22 (401030) Tons c. Subbase: 4 - 8 inches of Graded Aggregate Base Course, Type B Patching (301002) CY % Contingency See Earthwork Summary Sheet
a. Excavation 630 CY @
b. Borrow 2,000 CY @
Assuming roughly 2' of fill in raised on \$78,889 \$102,556 \$24,556 \$78,000 **\$102,556** Total \$78,889 \$50,198 \$65,258 2. DRAINAGE 20 (Percentage of 1,3&5) Stormwater Management 0 \$65,258 \$0 \$65,258 \$50,198 3. PAVEMENT PATCHING \$108,629 \$83,561 8,500 sf / 9 = 0 sf / 9 = Full Depth Paving Only (1,2,3 & 4) Mill and Overlay Only (1a) \$130.00 per Ton = \$100.00 per Ton = Total \$50.862 c. Subbase:
(4) 8,500 SF times \$80.00 per CY = _____ 0.666667 ft /27cf/cy = 210 CY, Times \$16,790 \$21,827 4. EROSION / SEDIMENT CONTROL 5. MISCELLANEOUS \$88,542 \$115,104 a. "Gut & Guster (201022) b. Hot-Mar SUP (8 wide) b. Hot-Mar SUP (8 wide) c. CPN Schedule c. CPN Schedule c. Clearing (760010) h. Fencing (0XXXXX) j. Sawcutting (762000) k. PCC Removal (211001) b. PCC Removal (211001) l. Underdrain (709001) l. Underdrain (709001) h. 4" Sidewall \$0 \$13,000 \$52,000 \$0 \$0 \$0 \$0 \$3,250 \$1,354 \$0 \$0 Each LF SY LF SF m. 4" Sidewall B. STRUCTURE CONSTRUCTION \$504,900 \$555,390 Underpass under Railroad
 (LF) times \$270.00 per SF = plus 10%= \$0 \$50.00 per SF = \$0 \$0 plus 10%= \$0 \$555,390 C. LANDSCAPING \$12,550 \$16,314 \$400.00 per EA = Total \$12,550 \$16.314 D. MAINTENANCE OF TRAFFIC (including temporary tie-ins) \$32,629 E. PROJECT TRAFFIC ITEMS \$117,520 \$152,776 Signing Structures
 Path Lighting
 Pavement Markings \$7,500.00 per EA = (Percentage of 1,3&5) \$10,000.00 per EA = ______ 4. XXXXX \$0 \$152,776 \$117,520 F. WETLAND MITIGATION \$0 2:1 ratio = 0.0 Ac., Times \$200,000.00 per Ac. = \$0 G. UTILITY RELOCATIONS IN CONTRACT \$20,079 \$26,103 Delmarva Electric
 Verizon
 Other Relocations \$0 \$0 8 (Percentage of 1,3&5) \$20,079 Total \$20,079 H. SUBTOTAL \$981,337 \$1,174,759 I. MISCELLANEOUS ITEMS \$35,243 J. CONTRACTOR'S CONSTRUCTION ENGINEERING \$29,440 3 (Percentage of H) 3 (Percentage of H) L. CONSTRUCTION CONTINGENCY \$98,134 \$117,476 10 (Percentage of H) \$98,134 \$117,476 M. TOTAL CONSTRUCTION COSTS (H thru L) \$1,597,672 \$1,334,619 N. CONSTRUCTION ENGINEERING \$200,193 \$239,651 15 (Percentage of M) O. TOTAL CONSTRUCTION COSTS (M + N) \$1,534,812 \$1,837,323 P. REIMBURSABLE UTILITY RELOCATIONS BY OTHERS \$0 \$0 \$0 DP Electric+ \$0 Verizon = Q. TRAFFIC SECTION ITEMS \$3,263 \$2,510 \$3,263 \$250,000.00 per EA = _ \$3,263 Total \$2,510 \$1,537,322 \$1,840,586 CONSTRUCTION PROJECT ESTIMATE (O thru Q) HAZARDOUS MATERIALS \$0

Churchman's Crossing Preliminary Cost Estimate - NB I-95 Ramp to Chapman Road

PAVEMENT PATCHING SECTION Length Width Sq Ft 2,100 30 63,000 Superpave, Type C, 160 Gyrations, PG 64-22 (carbonate stone) (401029) Tons Superpave, Type B, 160 Gyrations, PG 64-22 (401030) Tons 3 - 5 c. Subbase: 4 - 8 inches of Graded Aggregate Base Course, Type B Patching (301002) CY | 1. GRADING | See Earthwork Summary Sheet | a. Excavation | 4,700 CY @ h Borrow | 3,000 CY @ \$231,000 \$300,300 \$183,300 \$90,000 Total \$231,000 \$262.838 \$341,689 2. DRAINAGE 15 (Percentage of 1,3&5) Stormwater Management 1 \$100,000.00 per EA = ___ \$100,000 Total \$262,838 3. PAVEMENT PATCHING \$601,385 \$781,800 63,000 sf / 9 = 4,800 sf / 9 = Full Depth Paving Only (1,2,3 & 4) Mill and Overlay Only (1a) \$157,182 \$130.00 per Ton = \$100.00 per Ton = \$356,031 \$462,841 c. Subbase:
(4) 63,000 SF times 0.666667 ft /27cf/cy = 1,556 CY, Times \$124,444 \$124,444 \$161,778 4. EROSION / SEDIMENT CONTROL 750 LF
0 SF
1,500 LF
1 LS
1 LS
1 LS
000 SY*2"=
0 LF
SP
1 Each
0 LF
SF 5. MISCELLANEOUS \$253,200 \$329,160 a, France Levelovae a, 6° Curb & Guster (701022) b, Hoc-Mix SUP C, Guardrail d, CPM Schedule d, CPM Schedule e, Clearing (Gn050) f, Field Office g, Milling (780010) h, Fencing (XXXXXX) L Yelnclust Gast (XXXXXX) L Yelnclust Gast (XXXXXX) k, PCC Removal (211001) L Underdrain (709001) b, 4° Sidewalk \$48,000 \$10,000 \$50,000 \$10,000 \$1,200 \$0 \$4,000 \$0 \$40,000 \$37,500 \$62,400 \$13,000 \$65,000 \$13,000 \$1,560 \$0 \$5,200 \$0 \$52,000 \$48,750 B. STRUCTURE CONSTRUCTION \$0 XXXXX \$84.00 per SF = plus 10%= \$0 \$50.00 per SF = \$0 plus 10%= \$0 C. LANDSCAPING \$54,279 \$70,563 \$400.00 per EA = Total \$54.279 \$70.563 D. MAINTENANCE OF TRAFFIC (including temporary tie-ins) \$282,252 \$217,117 E. PROJECT TRAFFIC ITEMS \$54,279 \$70,563 Signing Structures
 Path Lighting
 Pavement Markings \$0 \$0 \$70,563 \$7,500.00 per EA = 5 (Percentage of 1,3&5) \$54.279 \$10,000.00 per EA = ______ 4. XXXXX \$0 \$70,563 \$54,279 F. WETLAND MITIGATION \$0 2:1 ratio = 0.0 Ac., Times \$200,000.00 per Ac. = \$0 G. UTILITY RELOCATIONS IN CONTRACT \$141,847 \$184,401 Delmarva Electric
 Verizon
 Other Relocations Total \$141.847 H. SUBTOTAL \$2,360,728 \$1,815,945 I. MISCELLANEOUS ITEMS \$363,189 J. CONTRACTOR'S CONSTRUCTION ENGINEERING \$54,478 \$70,822 3 (Percentage of H) L. CONSTRUCTION CONTINGENCY \$181,594 \$236,073 10 (Percentage of H) \$181,594 \$236,073 M. TOTAL CONSTRUCTION COSTS (H thru L) \$2,469,685 \$3,210,590 N. CONSTRUCTION ENGINEERING 15 (Percentage of M) O. TOTAL CONSTRUCTION COSTS (M + N) \$2,840,137 \$3,692,179 P. REIMBURSABLE UTILITY RELOCATIONS BY OTHERS \$0 \$0 \$0 DP Electric+ \$0 Verizon = Q. TRAFFIC SECTION ITEMS \$70,563 \$54,279 \$70.563 \$250,000.00 per EA = ___ Total \$70,563 \$54,279 CONSTRUCTION PROJECT ESTIMATE (O thru Q) \$2,894,417 \$3,762,742

\$0

HAZARDOUS MATERIALS

Churchman's Crossing
Preliminary Cost Estimate - Northbound I-95 Ramp from Churchman's Road
New Ramp from Churchman's Road to I-95 NB

a. Surface:												
				SECTION					Full-depth Length	Pavement Width	Sq Ft	
1- 2	Super	rpave, Type	e C, 160 G	yrations, PG	64-22 (carb	onate stone) (401029) Tons		2,100 Mill & Over		63,000	
2 - 3	Super	rpave, Type	e B, 160 G	yrations, PG	64-22 (4010	30) Tons			Length 600	Width 50	Sq Ft 30,000	
3 - 5	Super	rpave, Bitur	minous Co	ncrete Base (Course, 160	Gyrations, PG	64-22 (40103	1) Tons	Mill & Over Length	rlay Width	Sq Ft	
c. Subbase:							100) 6:-		800	20	16,000	
4 - 8	inche	s of Gradeo	d Aggregat	e Base Cours	e, Type B P	atching (3010	002) CY				NO %	6 Contingency
1. GRADING											Contigency \$204,000	30 \$265,200
 Excava 		4,700	CY @	\$30.00						\$141,000		\$183,30
b. Borrow	1	2,100	CY @	\$30.00	=				Total	\$63,000	\$204,000	\$81,90 \$265,20
2. DRAINAGE											\$330,897	\$430,166
20) (Perc	entage of 1	,3&5)							\$230,897		\$300,16
Stormwater Manager	nent		1	EA			\$100,000.00	per EA =	Total	\$100,000	\$330,897	\$130,00 \$430,16
B. PAVEMENT PA	ATCHING										\$674,567	\$876,93
63	,000 sf	f/9= f/9=	7,000 5,111	SY SY	Say: Say:		SY SY	Full Depth F Mill and Ov	Paving Only erlay Only (1:	(1,2,3 & 4) a)		
a. Surface:												
(1) 7,0 (1a) 5,2			8.80 8.80	sy/ton = sy/ton =	795 591	Ton,Times Ton,Times	\$140.00 \$140.00	per Ton = per Ton =		\$111,364 \$82,727		
									Total		\$194,091	\$252,31
o. Base: (2) 7,0	00 SY Di	iv. by	5.79	sy/ton =	1,209	Ton,Times	\$130.00	per Ton =		\$157,168		
(3) 7,0			3.52	sy/ton =	1,989	Ton,Times	\$100.00	per Ton =	Total	\$198,864	\$356,031	\$462,84
c. Subbase: (4) 63,0	00 SF tin	nes	0.666667	ft /27cf/cy =	1,556	CY, Times	\$80.00	per CY =		\$124,444		,
.,									Total		\$124,444	\$161,77
. EROSION / SE	DIMENT C	ONTROL									\$0	\$
	Includ	ded in Drain	nage							\$0		
. MISCELLANEO	ous										\$275,919	\$358,69
. 6" Curb & Gutter (. Hot-Mix SUP	701022)		2,100 0	LF SF			\$70.00 \$8.00	per LF = per SF =		\$147,000 \$0		\$191,10 \$
. Guardrail			800	LF			\$8.00	per SF =		\$25,600		\$33,28
I. CPM Schedule c. Clearing/Grubbing	(201000)		1	LS LS						\$10,000 \$25,000		\$13,00 \$32,50
Field Office Milling (760010)			1 5,200	LS SY * 2* =	10,400	SY-IN,Times		per SY-IN =		\$10,000 \$10,400		\$13,00 \$13,52
. Fencing (XXXXXX Vehicular Gate (XX	() (XXXX)		0	LF Each			\$180.00 \$5,000.00	per LF = per Each =		\$0 \$0		9
Sawcutting (76200 PCC Removal (21	0)		945 128	LF SY			\$5.00 \$25.00	per LF = per SY =		\$4,725 \$3,194		\$6,14 \$4,15
. Underdrain (70900 .4" Sidewalk			2,000	LF SF			\$20.00 \$15.00	per LF = per SF =		\$40,000 \$0		\$52,00
Olderran				O.			\$10.00	puror -	Total	•	\$275,919	\$358,69
S. STRUCTURE C	ONSTRU	CTION							Total		\$1,810,000	\$1,991,00
											\$1,010,000	\$1,331,00
. Bridge Over Road 100 (LF) ti	way or High mes	iway 30	(width) =	3,000	SF		\$270.00	per SF =		\$810,000	plus 10%=	\$891,00
. Old structure Rem	oval									\$0	plus 10%=	s
I. Retaining Wall (M ### (LF) ti	mes	10	(height) =	20,000	SF		\$50.00	per SF =		\$1,000,000	plus 10%=	\$1,100,00
. Box Culvert	(Assu	me 1' burie	ed) 0	SF			\$250.00	per SF =		\$0	plus 10%=	s
												3
									Total	40_	\$1,810,000	
C. LANDSCAPING	3							,	Total	40_		\$1,991,00
a. Topsoil / Seed / M			5	(Percentage	of 1,3&5)		\$400.00		Total	\$57,724	\$1,810,000	\$1,991,00 \$75,04 \$75.04
ı. Topsoil / Seed / M			5 0	(Percentage	of 1,3&5)		\$400.00	per EA =			\$1,810,000 \$57,724	\$1,991,00 \$75,04 \$75,04
a. Topsoil / Seed / M b. Plantings	ulch	FFIC (incl	ō				\$400.00		Total	\$57,724	\$1,810,000 \$57,724 \$57,724	\$1,991,00 \$ 75 ,04; \$75,04 \$ \$75,04
Topsoil / Seed / M Plantings MAINTENANCE	ulch		0 luding ter				\$400.00			\$57,724 \$0	\$1,810,000 \$57,724	\$1,991,00 \$ 75,04 \$75,04 \$75,04
a. Topsoil / Seed / M b. Plantings D. MAINTENANCE	Ulch OF TRAF	entage of 1	0 luding ter				\$400.00			\$57,724	\$1,810,000 \$57,724 \$57,724 \$57,724 \$230,897	\$1,991,00 \$75,04 \$75,04 \$75,04 \$75,04 \$300,16
a. Topsoil / Seed / M b. Plantings D. MAINTENANCE 20 E. PROJECT TRA	OF TRAF	entage of 1	0 luding ter				\$400.00			\$57,724 \$0 \$230,897	\$1,810,000 \$57,724 \$57,724	\$1,991,00 \$75,04 \$75,04 \$75,04 \$300,16
a. Topsoil / Seed / M b. Plantings D. MAINTENANCE E. PROJECT TRA I. Signing Structures 2. Path Lighting	OF TRAI	entage of 1	0 luding ter	mporary tie	-ins)					\$57.724 \$0 \$230,897	\$1,810,000 \$57,724 \$57,724 \$57,724 \$230,897	\$1,991,00 \$75,04 \$75,04 \$75,04 \$300,16
D. MAINTENANCE E. PROJECT TRA Signing Structures Path Lighting Revenent Marking Revenent Marking	OF TRAI	entage of 1	0 luding ter		-ins)			per EA =	Total	\$57.724 \$0 \$230,897	\$1,810,000 \$57,724 \$57,724 \$57,724 \$230,897	\$1,991,000 \$75,04 \$75,04 \$300,16 \$75,04
Topsoil / Seed / M Plantings D. MAINTENANCE 20 E. PROJECTTRA . Signing Structures Path Lighting . Pavement Marking . XXXXX	E OF TRAIF (Perco	entage of 1	0 luding ter	mporary tie	-ins)		\$7,500.00	per EA =		\$57,724 \$0 \$230,897 \$0 \$0 \$57,724	\$1,810,000 \$57,724 \$57,724 \$230,897 \$57,724	\$1,991,00 \$75,04 \$75,04 \$75,04 \$300,16 \$75,04 \$75,04 \$75,04
Topsoil / Seed / M Plantings D. MAINTENANCE E. PROJECT TRA Signing Structures: Path Lighting Paverment Marking XXXXXX F. WETLAND MITI	E OF TRAIN (Perco	entage of 1	0 luding ter ,385)	mporary tie	of 1,3&5)		\$7,500.00	per EA =	Total	\$57,724 \$0 \$230,897 \$0 \$0 \$57,724 \$0	\$1,810,000 \$57,724 \$57,724 \$57,724 \$230,897	\$1,991,00 \$75,04 \$75,04 \$75,04 \$75,04 \$300,16 \$75,04 \$75,04 \$75,04
Topsoil / Seed / M . Plantings D. MAINTENANCE 22 E. PROJECT TRA Signing Structures Path Lightin . Pavement Marking . XXXXX F. WETLAND MITI 0.0	E OF TRAF (Perco	entage of 1	0 luding ter ,385)	mporary tie	-ins)	Ac., Times	\$7,500.00	per EA =	Total	\$57,724 \$0 \$230,897 \$0 \$0 \$57,724	\$1,810,000 \$57,724 \$57,724 \$57,724 \$230,897 \$57,724 \$57,724	\$1,991,00 \$75,04 \$75,04 \$75,04 \$300,16 \$75,04 \$ \$75,04 \$ \$75,04
D. MAINTENANCI E. PROJECT TRA Signing Structures Path Lighting A XXXXX E. WETLAND MITI O. J. UTILITY RELO The Proposition of the Property of the Proper	E OF TRAF (Perco	entage of 1	0 luding ter ,385)	mporary tie	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$57,724 \$0 \$230,897 \$0 \$0 \$57,724 \$0	\$1,810,000 \$57,724 \$57,724 \$230,897 \$57,724	\$1,991,00 \$75,04 \$75,04 \$75,04 \$300,16 \$75,04 \$ \$75,04 \$ \$75,04
D. MAINTENANCE PROJECT TRA Signing Structures Path Lighting XXXXX F. WETLAND MITT J. UTILITY RELO L. Defmarva Electric L. Verizon J. Proposition J. Defmarva Electric L. Verizon L. Pelantary Electric L. Verizon L. Pelmarva Electric L. Verizon L. Verizon L. Pelmarva Electric L. Verizon L. Verizon L. Pelmarva Electric L. Verizon L. Pelmarva Electric L. Verizon L	E OF TRAF (Perco	entage of 1	0 luding ter ,385)	mporary tie	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$57,724 \$0 \$230,897 \$0 \$0 \$57,724 \$0	\$1,810,000 \$57,724 \$57,724 \$57,724 \$230,897 \$57,724 \$57,724	\$1,91,00 \$75,04 \$75,04 \$75,04 \$75,04 \$300,16 \$300,16 \$75,04 \$75,04 \$300,16 \$300,16
D. MAINTENANCE PROJECT TRA Signing Structures Path Lighting XXXXX F. WETLAND MITT J. UTILITY RELO L. Defmarva Electric L. Verizon J. P. Paris Electric L. Verizon L. Pelanarva Electric L. Verizon L. Pelmarva Electric L. Verizon L. Verizon L. Verizon L. Pelmarva Electric L. Verizon L. Pelmarva Electric L. Verizon L. Verizon L. Pelmarva Electric L. Verizon L. Veriz	E OF TRAF (Perco	entage of 1	0 luding ter ,385)	mporary tie	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$57,724 \$0 \$230,897 \$0 \$0 \$57,724 \$5	\$1,810,000 \$57,724 \$57,724 \$57,724 \$230,897 \$57,724 \$57,724	\$1,91,00 \$75,04 \$75,04 \$75,04 \$300,16 \$300,16 \$75,04 \$ \$120,06
D. MAINTENANCE PROJECT TRA Signing Structures Path Lighting XXXXX F. WETLAND MITT J. UTILITY RELO L. Defmarva Electric L. Verizon J. P. Paris Electric L. Verizon L. Pelanarva Electric L. Verizon L. Pelmarva Electric L. Verizon L. Verizon L. Verizon L. Pelmarva Electric L. Verizon L. Pelmarva Electric L. Verizon L. Verizon L. Pelmarva Electric L. Verizon L. Veriz	E OF TRAF (Perco	entage of 1	385) 5	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$57.724 \$0 \$230.897 \$0 \$57.724 \$0	\$1,810,000 \$57,724 \$57,724 \$57,724 \$230,897 \$57,724 \$57,724 \$0 \$92,359	\$1,91,00 \$75,04 \$75,04 \$75,04 \$300,16 \$300,16 \$75,04 \$ \$120,06
Topsoil / Seed / M. Plantings D. MAINTENANCE E. PROJECT TRA Signing Structures. Path Lighting I. XXXXX F. WETLAND MITI O. B. UTILITY RELO Defmarva Electric Verizon Other Relocations	E OF TRAF (Perco	entage of 1	385) 5	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$57.724 \$0 \$230.897 \$0 \$57.724 \$0	\$1,810,000 \$57,724 \$57,724 \$57,724 \$230,897 \$57,724 \$57,724 \$0 \$92,359	\$1,991,00 \$75,04 \$75,04 \$75,04 \$75,04 \$75,04 \$300,16 \$300,16 \$300,16 \$312,006 \$300,16 \$300,16 \$300,16
Topsoil / Seed / M . Plantings D. MAINTENANCE E. PROJECT TRA . Signing Structures. Path Lighting . Pavement Marking . XXXXX F. WETLAND MITI . Defmarva Electric . Vertizon . Other Relocations H. SUBTOTAL	E OF TRAIN O (Perco	entage of 1	385) 5	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$57.724 \$0 \$230.897 \$0 \$57.724 \$0	\$1,810,000 \$57,724 \$57,724 \$57,724 \$230,897 \$57,724 \$57,724 \$0 \$92,359	\$1,991,00 \$75,04 \$75,04 \$75,04 \$15,04 \$300,16 \$300,16 \$75,04 \$120,06 \$120,06 \$120,06 \$120,06
Topsoil / Seed / M . Plantings D. MAINTENANCE E. PROJECT TRA . Signing Structures. Path Lighting . Pavement Marking . XXXXX F. WETLAND MITI . Defmarva Electric . Vertizon . Other Relocations H. SUBTOTAL	E OF TRAI O (Perco FFIC ITEM O S O S O ACTES CATIONS US ITEMS	entage of 1	0 uuding ter (3,3&5) 5 5 1 RACT 8	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$57.724 \$0 \$230.897 \$0 \$57.724 \$0	\$1,810,000 \$57,724 \$57,724 \$57,724 \$57,724 \$57,724 \$57,724 \$57,724 \$92,359	\$1,991,00 \$75,04 \$75,04 \$75,04 \$15,04 \$300,16 \$300,16 \$75,04 \$120,06 \$120,06 \$120,06 \$4,492,31
Topocil / Seed / M . Plantings D. MAINTENANCE E. PROJECT TRA . Signing Structures. Path Lighting . Pavement Marking . XXXXX F. WETLAND MITI O. Delmarva Electric . Verizon . Other Relocations H. SUBTOTAL . MISCELLANEO	E OF TRAIN (Perco ITEM) (GATION Acres CATIONS US ITEMS	entage of 1	3.85) 5 1 RACT 8	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$57.724 \$0 \$230.897 \$0 \$57.724 \$0	\$1,810,000 \$57,724 \$57,724 \$57,724 \$57,724 \$57,724 \$57,724 \$0 \$92,359 \$92,359 \$3,734,088 \$746,818	\$1,991,00 \$75,04 \$75,04 \$75,04 \$75,04 \$300,16 \$300,16 \$75,04 \$120,06 \$120,06 \$120,06 \$4,492,31 \$898,44
Topsoil / Seed / M . Plantings D. MAINTENANCE E. PROJECT TRA . Signing Structurer. Path Lighting . XXXXX F. WETLAND MITI . XXXXX F. WETLAND MITI . Oher Relocations . Other Relocations . Other Relocations . SUBTOTAL . MISCELLANEO . 24 . CONTRACTOR	E OF TRAIL (Percent of the part of the pa	entage of 1 IS It immes IN CONTI	5 5 1 RACT 8 8	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$57.724 \$0 \$230.897 \$0 \$57.724 \$0	\$1,810,000 \$57,724	\$1,991,00 \$75,04 \$75,04 \$75,04 \$75,04 \$300,76 \$300,76 \$75,04 \$120,06 \$120,06 \$120,06 \$4,492,31 \$898,44 \$398,44
Topocil / Seed / M . Plantings D. MAINTENANCE E. PROJECT TRA . Signing Structures. Path Lighting . Pavement Marking . XXXXX F. WETLAND MITI O. Delmarva Electric . Verizon . Other Relocations H. SUBTOTAL . MISCELLANEO	E OF TRAIL (Percent of the part of the pa	entage of 1	5 5 1 RACT 8 8	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$57.724 \$0 \$230.897 \$0 \$57.724 \$0	\$1,810,000 \$57,724 \$57,724 \$57,724 \$57,724 \$57,724 \$57,724 \$57,724 \$0 \$92,359 \$92,359 \$3,734,088 \$746,818 \$140,023 \$112,023	\$1,991,00 \$75,04 \$75,04 \$75,04 \$75,04 \$300,16 \$300,16 \$75,04 \$120,06 \$120,06 \$120,06 \$130,04 \$134,74 \$134,74 \$134,74
Topsoil / Seed / M . Plantings D. MAINTENANCE E. PROJECT TRA . Signing Structures. Path Lighting . XXXXX F. WETLAND MITI O. J. UTILITY RELO . Defmarva Electric . Vertizon . Other Relocations I. SUBTOTAL . MISCELLANEO 22 . CONTRACTOR 3 C. INITIAL EXPEN	E OF TRAIN (Perco	AS It times IN CONTI	3.38.5) 5 1 RACT 8 4) N ENGINI	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$57.724 \$0 \$230.897 \$0 \$57.724 \$0	\$1,810,000 \$57,724 \$57	\$1,991,00 \$75,04 \$75,04 \$75,04 \$75,04 \$75,04 \$300,16 \$300,16 \$3120,06 \$120,06 \$120,06 \$134,492,31 \$898,44 \$599,44 \$134,76
Topsoil / Seed / M. Plantings D. MAINTENANCE E. PROJECT TRA Signing Structures Path Lighting Pawement Marking XXXXX F. WETLAND MITI O. Delmarva Electric Verizon Other Relocations I. SUBTOTAL MISCELLANEO C. CONTRACTOR 3 C. INITIAL EXPEN 3	USTITEMS (Perconstitution) (Perconstitution) (Perconstitution) (Perconstitution) (Perconstitution)	In CONTI	3.38.5) 5 1 RACT 8 4) N ENGINI	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$57.724 \$0 \$230.897 \$0 \$57.724 \$0	\$1,810,000 \$57,724 \$57,724 \$57,724 \$230,897 \$57,724 \$57,724 \$57,724 \$57,724 \$57,724 \$57,724 \$57,724 \$57,724 \$57,724 \$57,724 \$57,724 \$57,724 \$57,724 \$57,724	\$1,991,00 \$75,04 \$75,04 \$75,04 \$75,04 \$300,16 \$75,04 \$300,16 \$75,04 \$300,16 \$120,06 \$120,06 \$120,06 \$120,07 \$1
Topsoil / Seed / M. Plantings D. MAINTENANCE E. PROJECT TRA Signing Structures Path Lighting Pawement Marking XXXXX F. WETLAND MITI O. Delmarva Electric Verizon Other Relocations I. SUBTOTAL MISCELLANEO C. CONTRACTOR 3 C. INITIAL EXPEN 3	USTITEMS (Perconstitution) (Perconstitution) (Perconstitution) (Perconstitution) (Perconstitution)	In CONTI	3.38.5) 5 1 RACT 8 4) N ENGINI	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$57.724 \$0 \$230.897 \$0 \$57.724 \$0	\$1,810,000 \$57,724 \$57	\$1,991,00 \$75,04 \$75,04 \$75,04 \$75,04 \$300,16 \$75,04 \$300,16 \$75,04 \$300,16 \$120,06 \$120,06 \$120,06 \$120,07 \$1
Topsoil / Seed / M. Plantings D. MAINTENANCE E. PROJECT TRA Signing Structures Path Lighting Pawement Marking XXXXX F. WETLAND MITI O. Delmarva Electric Verizon Other Relocations I. SUBTOTAL MISCELLANEO C. CONTRACTOR 3 C. INITIAL EXPEN 3	E OF TRAIN (Percurity) (Percur	In CONTI	3.355) 5 1 RACT 8 N ENGINI	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$57.724 \$0 \$230.897 \$0 \$57.724 \$0	\$1,810,000 \$57,724 \$57,724 \$57,724 \$230,897 \$57,724 \$57,724 \$57,724 \$57,724 \$57,724 \$57,724 \$57,724 \$57,724 \$57,724 \$57,724 \$57,724 \$57,724 \$57,724 \$57,724	\$1,991,00 \$75,04 \$75,04 \$75,04 \$75,04 \$300,16 \$75,04 \$300,16 \$75,04 \$300,16 \$120,06 \$120,06 \$120,06 \$120,07 \$1
Topsoil / Seed / M. Plantings D. MAINTENANCE 2 E. PROJECT TRA Signing Structurer, Path Lighting Pawement Marking XXXXX WETLAND MITI O. Delmarva Electric Verizon Other Relocations I. SUBTOTAL MISCELLANEO 2 CONTRACTOR 3 C. INITIAL EXPEN 3 . CONSTRUCTIC	GATIONS USITEMS (Perconstitution of the control o	in times In times In times In times In times In times In CONTI	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$57.724 \$0 \$230.897 \$0 \$57.724 \$0	\$1,810,000 \$57,724 \$57,724 \$57,724 \$230,897 \$57,724	\$1,991,00 \$75,04 \$75,04 \$75,04 \$75,04 \$300,16 \$75,04 \$300,16 \$75,04 \$300,16 \$75,04 \$300,16 \$120,06 \$120,06 \$120,06 \$120,07 \$12
Topsoil / Seed / M. Plantings D. MAINTENANCE E. PROJECT TRA Signing Structurer Path Lighting Pawement Marking XXXXX F. WETLAND MITI O. Delmarva Electric Verizon Other Relocations I. SUBTOTAL MISCELLANEO C. CONTRACTOR 3 C. INITIAL EXPEN 3 CONSTRUCTIC M. TOTAL CONST	US ITEMS O (Percontinuo (Percon	entage of 1 AS In CONTI	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$57.724 \$0 \$230.897 \$0 \$57.724 \$0	\$1,810,000 \$57,724 \$57,724 \$57,724 \$230,897 \$57,724	\$1,991,00 \$75,04 \$75,04 \$75,04 \$75,04 \$300,16 \$300,16 \$75,04 \$300,16 \$75,04 \$300,16 \$120,06 \$1
Topsoil / Seed / M. Plantings D. MAINTENANCE E. PROJECT TRA Signing Structurer Path Lighting Pawement Marking XXXXX F. WETLAND MITI O. Delmarva Electric Verizon Other Relocations I. SUBTOTAL MISCELLANEO C. CONTRACTOR 3 C. INITIAL EXPEN 3 CONSTRUCTIC M. TOTAL CONST	USTEMS OFEROME Percentage GATION OFEROM OFFEROM OF	entage of 1 AS In CONTI	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$57.724 \$0 \$230.897 \$0 \$57.724 \$0	\$1,810,000 \$57,724 \$57,724 \$57,724 \$230,897 \$57,724	\$1,991,00 \$75,04 \$75,04 \$75,04 \$75,04 \$300,16 \$75,04 \$300,16 \$75,04 \$300,16 \$75,04 \$300,16 \$30
Topsoil / Seed / M. Plantings D. MAINTENANCE E. PROJECT TRA Signing Structure Path Lighting Pawement Marking XXXXX F. WETLAND MITI O. Delmarva Electric Verizon Other Relocations J. SUBTOTAL MISCELLANEO J. CONTRACTOR J. CONSTRUCTIC M. TOTAL CONST	US ITEMS O (Percontinuo) O (Pe	in CONTI	1 RACT 8 8 (H thru L	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$57.724 \$0 \$230.897 \$0 \$57.724 \$0	\$1,810,000 \$57,724 \$57,724 \$57,724 \$230,897 \$57,724 \$57,734,088 \$746,818 \$712,023 \$112,023 \$112,023 \$112,023 \$176,754 \$57,754 \$761,754	\$1,991,00 \$75,04 \$75,04 \$75,04 \$75,04 \$75,04 \$300,16 \$75,04 \$300,16 \$75,04 \$300,16 \$75,04 \$300,16 \$300
Topsoil / Seed / M. Plantings D. MAINTENANCI E. PROJECT TRA Signing Structurer, Path Lighting Pavement Marking XXXXX E. WETLAND MITI O. Delmarva Electric Verizon Other Relocations J. SUBTOTAL MISCELLANEO A. CONTRACTOR J. CONSTRUCTIC M. TOTAL CONST J. CONSTRUCTIC J. CONSTRUCTIC	US ITEMS (Perconstitution)	entage of 1 A S A times In CONTI Entage of H ENCETOR IN GENCY ENTER OF H ENCETOR EERING EERING	1	(Percentage 2:1 ratio = (Percentage	0.0 of 1.385)	Ac., Times	\$7,500.00	per EA =	Total	\$57.724 \$0 \$230.897 \$0 \$57.724 \$0	\$1,810,000 \$57,724 \$57,724 \$57,724 \$230,897 \$57,724	\$1,991,00 \$75,04 \$75,04 \$75,04 \$75,04 \$75,04 \$300,16 \$75,04 \$300,16 \$75,04 \$300,16 \$75,04 \$3120,06 \$12
Topocil / Seed / M . Plantings D. MAINTENANCI E. PROJECT TRA . Signing Structure. Path Lighting . XXXXX F. WETLAND MITI O. Delmarva Electric . Verizon . Other Relocations C. INITIAL EXPEN 3. CONSTRUCTIC 10. J. TOTAL CONSTRUCTIC . CON	US ITEMS (Perconstitution)	entage of 1 A S A times In CONTI Entage of H ENCETOR IN GENCY ENTER OF H ENCETOR EERING EERING	1	(Percentage 2:1 ratio = (Percentage	0.0 of 1.385)		\$7,500,00	per EA =	Total	\$57,724 \$0 \$230,897 \$0 \$0 \$57,724 \$0 \$0 \$92,359	\$1,810,000 \$57,724 \$57,724 \$57,724 \$230,897 \$57,724 \$57,734,088 \$746,818 \$712,023 \$112,023 \$112,023 \$112,023 \$176,754 \$57,754 \$761,754	\$1,991,00 \$75,04 \$75,04 \$75,04 \$75,04 \$75,04 \$300,16 \$75,04 \$300,16 \$75,04 \$300,16 \$75,04 \$3120,06 \$12
E. PROJECT TRA 1. Signing Structures 2. Path Lighting 3. Pavement Marking 4. XXXXX F. WETLAND MIT 0. 3. UTILITY RELO 1. Delmarva Electric 2. Verizon 3. Other Relocations 4. MISCELLANEO 4. 4. MISCELLANEO 3. CONSTRUCTIC 4. MISCELLANEO 4. MISCELLANEO 5. CONSTRUCTIC 6. M. TOTAL CONST 7. REIMBURSABI 6. PAREMBURSABI 7. P	US ITEMS (Percontinuo Mercontinuo Mercont	entage of 1 It times It times IN CONTI	1	(Percentage 2:1 ratio = (Percentage	0.0 of 1.385)	Ac., Times	\$7,500.00	per EA =	Total	\$57.724 \$0 \$230.897 \$0 \$57.724 \$0	\$1,810,000 \$57,724	\$1,991,00 \$75,04 \$75,04 \$75,04 \$300,16 \$300,16 \$75,04 \$300,16 \$75,04 \$300,16 \$75,04 \$300,16 \$120,06 \$1
1. Topscil / Seed / M 1. Plantings 1. Topscil / Seed / M 2. Plantings 2. Path Lighting 2. Path Lighting 3. Signing Structures 4. Signing Structures 4. Path Lighting 5. WETLAND MITI 6. Delmarva Electric 7. WETLAND MITI 7. WETLAND MITI 8. SUBTOTAL 9. Other Relocations 4. SUBTOTAL 9. CONSTRUCTIC 10. CONSTRUCTIC 11. CONSTRUCTIC 12. CONSTRUCTIC 13. CONSTRUCTIC 14. SUBTOTAL CONSTRUCTIC 15. CONSTRUCTIC 16. D. TOTAL CONSTRUCTIC 17. CONSTRUCTIC 18. D. TOTAL CONSTRUCTIC 19. CONSTRUCTIC 19. CONSTRUCTIC 10. TOTAL CONSTRUCTIC 10. TOTAL CONSTRUCTIC 10. TOTAL CONSTRUCTIC 11. CONSTRUCTIC 12. CONSTRUCTIC 13. CONSTRUCTIC 14. CONSTRUCTIC 15. CONSTRUCTIC 16. CONSTRUCTIC 17. CONSTRUCTIC 18. CONSTRUCTIC 19. CONSTRU	US ITEMS (Percontinuo Mercontinuo Mercont	entage of 1 It times It times IN CONTI	1 RACT 8 NENGINI (H thru L M) (M + N) ATIONS	(Percentage 2:1 ratio = (Percentage	0.0 (1.385)		\$7,500,00	per EA =	Total	\$57,724 \$0 \$230,897 \$0 \$57,724 \$0 \$0 \$92,359	\$1,810,000 \$57,724 \$57,724 \$57,724 \$230,897 \$57,724	\$1,991,00 \$75,04 \$75,04 \$75,04 \$300,16 \$300,16 \$75,04 \$300,16 \$75,04 \$300,16 \$75,04 \$300,16 \$120,06 \$1
1. Topscil / Seed / M 1. Plantings 1. Topscil / Seed / M 1. Plantings 1. A Plantings 1. A Plantings 1. A PROJECT TRA 1. Signing Structuret 2. Path Lighting 1. XXXXX 2. Path Lighting 1. XXXXX 2. WETLAND MITI 1. A Planting Structuret 2. WETLAND MITI 2. WETLAND MITI 2. WETLAND MITI 3. UTILITY RELO 3. Other Relocations 4. SUBTOTAL 4. MISCELLANEO 4. CONSTRUCTIC 5. CONSTRUCTIC 6. CONSTRUCTIC 6. CONSTRUCTIC 7. REIMBURSABI 2. TRAFFIC SECT 1. Signing	US ITEMS (Percontinuo Mercontinuo Mercont	entage of 1 It times It times IN CONTI	1	(Percentage 2:1 ratio = (Percentage	0.0 (1.385)		\$7,500.00 \$10,000.00 \$200,000.00	per EA = per EA = per EA =	Total	\$57,724 \$0 \$230,897 \$0 \$0 \$57,724 \$0 \$0 \$92,359	\$1,810,000 \$57,724	\$1,991,00 \$75,042 \$75,043 \$75,043 \$75,043 \$300,164 \$300,1
1. Topscil / Seed / M 1. Plantings 1. Topscil / Seed / M 2. Plantings 2. Path Lighting 2. Path Lighting 3. Signing Structures 4. Signing Structures 4. Path Lighting 5. WETLAND MITI 6. Delmarva Electric 7. WETLAND MITI 7. WETLAND MITI 8. SUBTOTAL 9. Other Relocations 4. SUBTOTAL 9. CONSTRUCTIC 10. CONSTRUCTIC 11. CONSTRUCTIC 12. CONSTRUCTIC 13. CONSTRUCTIC 14. SUBTOTAL CONSTRUCTIC 15. CONSTRUCTIC 16. D. TOTAL CONSTRUCTIC 17. CONSTRUCTIC 18. D. TOTAL CONSTRUCTIC 19. CONSTRUCTIC 19. CONSTRUCTIC 10. TOTAL CONSTRUCTIC 10. TOTAL CONSTRUCTIC 10. TOTAL CONSTRUCTIC 11. CONSTRUCTIC 12. CONSTRUCTIC 13. CONSTRUCTIC 14. CONSTRUCTIC 15. CONSTRUCTIC 16. CONSTRUCTIC 17. CONSTRUCTIC 18. CONSTRUCTIC 19. CONSTRU	US ITEMS (Percontinuo Mercontinuo Mercont	entage of 1 It times It times IN CONTI	1	(Percentage 2:1 ratio = (Percentage	0.0 (1.385)		\$7,500,00	per EA = per EA = per EA =	Total	\$57,724 \$0 \$230,897 \$0 \$0 \$57,724 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$1,810,000 \$57,724	\$1,991,00 \$75,042 \$75,04 \$75,04

Churchman's Crossing
Preliminary Cost Estimate - Southbound I-95 Ramp from Churchman's Road
New Ramp from Churchman's Road to I-95 SB

1-	2	Superpave, T	ype C, 160 G	Syrations, PG	64-22 (carl	oonate stone) (401029) Tons		Length 1,551	Width 30	Sq Ft 46,530	
o. Base:									Mill & Over Length	rlay Width	Sq Ft	
	3	Superpave, T							Mill & Over	15 rlay	6,750	
	5	Superpave, B	ituminous Co	oncrete Base	Course, 160	Gyrations, PC	64-22 (40103	11) Tons	Length 600	Width 50	Sq Ft 30,000	
. Subbase: 4 -	8	inches of Gra	ded Aggregat	te Base Coun	se, Type B F	Patching (301)	002) CY				NO	% Continuous
. GRADING	2										Contigency \$150,000	% Contingency 30 \$195,00
		work Summary	Sheet 0 CY @	\$30.00	1 -					\$105.000	\$150,000	\$136,50
	Borrow		O CY @	\$30.00					Total	\$45,000	\$150,000	\$58,50 \$195,00
. DRAINAG	SE .										\$259,984	\$337,97
	20	(Percentage of	of 1,3&5)							\$159,984		\$207,97
Stormwater Ma		t	1	EA			\$100,000.00	per EA =	Total	\$100,000	\$259,984	\$130,00 \$337,97
. PAVEMEI											\$504,346	\$655,65
	46,530 36,750	sf / 9 = sf / 9 =	5,170 4,083	SY SY	Say Say	5,200 4,100	SY SY		Paving Only erlay Only (1			
. Surface:	5.200	CV Div. bu	8 80	ou chana	591	Ton,Times	\$140.00	nos Too		\$82.727		
(1a)	4,100	SY Div. by SY Div. by	8.80	sy/ton = sy/ton =	466	Ton,Times	\$140.00	per Ton = per Ton =	Total	\$65,227	\$147,955	\$192,34
. Base:											*********	****
(2)	5,200 5,200	SY Div. by SY Div. by	5.79 3.52	sy/ton = sy/ton =	898 1,477	Ton,Times Ton,Times	\$130.00 \$100.00	per Ton = per Ton =		\$116,753 \$147,727		
. Subbase:									Total		\$264,480	\$343,82
(4)	46,530	SF times	0.666667	ft /27cf/cy =	1,149	CY, Times	\$80.00	per CY =	Total	\$91,911	\$91,911	\$119,48
. EROSION	I / SEDIN	ENT CONTR	OL								\$0	\$
		Included in D	rainage							\$0		
. MISCELL	ANEOUS	3									\$145,572	\$189,24
6" Curb & G . Hot-Mix SUI	Sutter (701 P	022)	600 0	LF SF			\$70.00 \$8.00	per LF = per SF =		\$42,000 \$0		\$54,60
. Guardrail I. CPM Sched	dule		450 1	LF LS			\$32.00	per LF =		\$14,400 \$10,000		\$18,72 \$13,00
. Clearing/Gru . Field Office	ubbing (20	1000)	1	LS LS						\$25,000 \$10,000		\$32,50 \$13,00
. Milling (760 . Fencing (XX	XXXXX)		4,100 0	SY * 2* = LF	8,200	SY-IN,Time	\$180.00	per SY-IN = per LF =		\$8,200 \$0		\$10,66
Vehicular Ga Sawcutting (ate (XXXX (762000)		0 550	Each LF			\$5,000.00 \$5.00	per Each = per LF =		\$0 \$2,750		\$3,57
. PCC Remov . Underdrain (val (21100 709001)	1)	89 1,550	SY LF			\$25.00 \$20.00	per SY = per LF =		\$2,222 \$31,000		\$2,88 \$40,30
.4" Sidewalk			0	SF			\$15.00	per SF =	T	\$0	A445 570	\$400.00
STRUCTI	IRE CON	ISTRUCTION							Total		\$145,572 \$12,563,100	\$189,24 \$13,819,41
. Bridge Over											* ,,	7.5,5.5,
###	(LF) time:	s 3	0 (width) =	46,530	SF		\$270.00	per SF =		*******	plus 10%=	\$13,819,41
. Old structur										\$0	-1 400/	9
	Vall (Modul	lar Block) (6070	10)							40	plus 10%=	•
B. Retaining W	(LF) time:		5 (height) = uried)	0	SF		\$50.00	per SF =		\$0	plus 10%=	
B. Retaining W	(LF) time:	S	5 (height) =	0 SF	SF		\$50.00 \$250.00	per SF =	Total		plus 10%=	ş
I. Retaining W 0 I. Box Culvert	(LF) times	S	5 (height) = uried)		SF				Total	\$0	plus 10%=	\$
I. Retaining W O I. Box Culvert C. LANDSCA I. Topsoil / Se	(LF) times	(Assume 1' be	5 (height) = uried) 0				\$250.00	per SF =	Total	\$0 \$0_ \$39,996	plus 10%= plus 10%= \$12,563,100	\$13,819,41 \$13,819,41 \$51,99
I. Retaining W O I. Box Culvert C. LANDSCA I. Topsoil / Se	(LF) times	(Assume 1' be	5 (height) = uried) 0	SF			\$250.00			\$0 \$0_	plus 10%= plus 10%= \$12,563,100 \$39,996	\$13,819,41 \$13,819,41 \$51,99 \$51,99
Box Culvert LANDSCA Topsoil / Se Plantings	APING sed / Mulch	s (Assume 1' bi	5 (height) = uried) 0	SF (Percentage	of 1,385)		\$250.00	per SF =	Total	\$0 \$0_ \$39,996	plus 10%= plus 10%= \$12,563,100 \$39,996	\$13,819,41 \$51,99 \$51,99 \$51,99
Box Culvert LANDSCA Topsoil / Se Plantings	APING and	(Assume 1' bi	5 (height) = uried) 0 5 0	SF (Percentage	of 1,385)		\$250.00	per SF =		\$0 \$0_ \$39,996 \$0	plus 10%= plus 10%= \$12,563,100 \$39,996	\$13,819,41 \$51,99 \$51,99 \$51,99
Box Culvert LANDSCA Topsoil / Se Plantings MAINTEN MAINTEN	APING AP	(Assume 1' bi	5 (height) = uried) 0 5 0	SF (Percentage	of 1,385)		\$250.00	per SF =		\$0 \$0_ \$39,996	plus 10%= plus 10%= \$12,563,100 \$39,996 \$39,996	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Retaining W O Rox Culvert LANDSC Topsoil / Se Plantings MAINTEN Signing Str. Signing Str.	APING APING APING IANCE O 25 I TRAFFI uctures	(Assume 1' bi	5 (height) = uried) 0 5 0	SF (Percentage	of 1,385)		\$250.00	per SF =		\$0 \$0_ \$39,996 \$0 \$199,980	plus 10%= plus 10%= \$12,563,100 \$39,996	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Box Culvert Landsc/ L	APING APING LIANCE O 25 LITRAFFI uctures 19	(Assume 1' bi	5 (height) = uried) 0 5 0	SF (Percentage	o of 1,385)		\$250.00	per SF =		\$0 \$0_ \$39,996 \$0 \$199,980	plus 10%= plus 10%= \$12,563,100 \$39,996 \$39,996	\$13,819,4' \$51,99 \$51,99 \$51,99 \$259,97
Retaining W O Box Culvert LANDSCA Topsoil / Se Plantings MAINTEN Signing Strt. Signing Strt. Park Lightin, Pawement M.	APING APING LIANCE O 25 LITRAFFI uctures 19	(Assume 1' bi	5 (height) = uried) 0 5 0	(Percentage	o of 1,385)		\$250.00	per SF = per EA =		\$0 \$0_ \$39,996 \$0 \$199,980	plus 10%= plus 10%= \$12,563,100 \$39,996 \$39,996	\$51,99 \$51,99 \$51,99 \$51,99 \$51,99 \$51,99
Retaining W O Box Culvert Landsc. Landsc. Topsoil / Se Plantings MAINTEN Signing Stn. Part Lightin. Pawement M. XXXXX	APING APING APING DIANCE O 25 TTRAFFI uctures g Markings	(Assume 1 bi	5 (height) = uried) 0 5 0	(Percentage	o of 1,385)		\$250.00 \$400.00 \$7,500.00	per SF = per EA =	Total	\$39,996 \$0 \$199,980 \$0 \$39,996	plus 10%= plus 10%= \$12,563,100 \$39,996 \$39,996 \$199,980	\$ 5 \$13,819,41 \$51,99 \$51,96 \$259,97 \$51,99 \$51,99 \$51,99 \$51,95 \$51,95
Retaining W O Box Culvert Landsc. Landsc. Topsoil / Se Plantings MAINTEN Signing Stn. Part Lightin. Pawement M. XXXXX	APING APING APING DIANCE O 25 TTRAFFI uctures g Markings	(Assume 1 bi	5 (height) = uried) 0 5 0	(Percentage	o of 1,385)	Ac., Times	\$250.00 \$400.00 \$7,500.00	per EA = per EA = per EA =	Total	\$39,996 \$0 \$199,980 \$0 \$39,996	plus 10%= plus 10%= \$12,563,100 \$39,996 \$39,996 \$199,980	\$13,819,41,81 \$51,98 \$51,99 \$51,99 \$51,99 \$259,97 \$51,90 \$51,90 \$51,90 \$51,90 \$51,90
3. Retaining 0 4. Box Culvert C. LANDSC/ D. Topsoil / Se D. Plantings D. MAINTEN E. PROJECT I. Signing Strt. Path Lightin B. Pavement N. L. XXXXX F. WETLAND	APING APING Ded / Mulch APING 25 TTRAFFI uctures y Markings D MITIGA 0.0	F TRAFFIC (in (Percentage of CITEMS	5 (height) = uried) 0 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(Percentage	e of 1,3&5)	Ac., Times	\$250.00 \$400.00 \$7,500.00 \$10,000.00	per EA = per EA = per EA =	Total	\$0 _\$0 _\$39,996 \$0 \$0 \$39,996 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	plus 10%= plus 10%= \$12,563,100 \$39,996 \$39,996 \$199,980	\$51,99 \$51,99 \$51,99 \$51,99 \$51,96 \$259,97
3. Retaining W. of the Control of th	APING BEAPING STANCE O 25 TTRAFFI Markings D MITIGA 0.0 RELOCA	F TRAFFIC (ir (Percentage of CITEMS	5 (height) = uried) 0 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(Percentage	e of 1,3&5)	Ac., Times	\$250.00 \$400.00 \$7,500.00 \$10,000.00	per EA = per EA = per EA =	Total	\$39,996 \$0 \$199,980 \$0 \$0 \$0 \$0 \$0 \$0 \$0	plus 10%= plus 10%= \$12,563,100 \$39,996 \$39,996 \$199,980 \$39,996	\$13,819,41 \$51,99 \$51,96 \$51,96 \$51,96 \$259,97 \$51,96 \$51,96 \$51,90 \$51,
3. Retaining 0 4. Box Culvert C. LANDSC/ LANDSC/ D. Plantings D. MAINTEN E. PROJECT I. Signing Stra. Path Lightin B. Pavement N. LXXXXX F. WETLAND G. UTILITY F.	(LF) times APING 25 T TRAFFI Markings 0.0 RELOCA	F TRAFFIC (ir (Percentage of CITEMS	5 (height) = uried) 0 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(Percentage	e of 1,3&5) i-ins) e of 1,3&5) 0.0	Ac., Times	\$250.00 \$400.00 \$7,500.00 \$10,000.00	per EA = per EA = per EA =	Total	\$39,996 \$39,996 \$0 \$199,980 \$0 \$39,996 \$0	plus 10%= plus 10%= \$12,663,100 \$39,996 \$39,996 \$199,980 \$39,996 \$39,996 \$39,996	\$13,819,41 \$51,99 \$51,96 \$51,96 \$51,96 \$259,97 \$51,96 \$51,90 \$51,
. Retaining W. D. Box Culvert LANDSCI Topsoil / Se. Plantings D. MAINTEN E. PROJECT Signing Strr. Path Lightin Pavement N. XXXXX E. WETLAND D. Delmarva E. Verizon	(LF) times APING 25 T TRAFFI Markings 0.0 RELOCA	F TRAFFIC (ir (Percentage of CITEMS	5 (height) = uried) 0 5 0 ncluding ter xf 1,3&5) 5	(Percentage mporary tie (Percentage 2:1 ratio =	e of 1,3&5) i-ins) e of 1,3&5) 0.0	Ac., Times	\$250.00 \$400.00 \$7,500.00 \$10,000.00	per EA = per EA = per EA =	Total	\$39,996 \$199,980 \$199,980 \$0 \$39,996 \$0 \$0	plus 10%= plus 10%= \$12,563,100 \$39,996 \$39,996 \$199,980 \$39,996	\$13,819,41 \$51,99 \$51,99 \$51,99 \$551,99 \$259,97 \$51,99 \$551,99 \$551,99 \$551,99 \$551,99 \$551,99 \$551,99 \$551,99
Betaining W. Box Culvert LANDSC/ LTopsoil / Se Topsoil / Se Plantings D. MAINTEN E. PROJECT Signing Stn Path Lightin Pavement M. XXXXX E. WETLANE J. UTILITY F J. Uerizon C. Other Reloc	(LF) times APING APING LIANCE O 25 T TRAFFI 90 Markings D MITIGA 0.0 RELOCA:	F TRAFFIC (ir (Percentage of CITEMS	5 (height) = uried) 0 5 0 ncluding ter xf 1,3&5) 5	(Percentage mporary tie (Percentage 2:1 ratio =	e of 1,3&5) i-ins) e of 1,3&5) 0.0	Ac., Times	\$250.00 \$400.00 \$7,500.00 \$10,000.00	per EA = per EA = per EA =	Total	\$39,996 \$199,980 \$199,980 \$0 \$39,996 \$0 \$0	plus 10%= plus 10%= \$12,663,100 \$39,996 \$39,996 \$199,980 \$39,996 \$39,996 \$39,996	\$13,819,41,819,419,819,819,819,819,819,819,819,819,819,8
Box Culvert LANDSCI LOSSI / Se Plantings MAINTEN E. PROJECT Signing Strr. Path Lightin Pavement N. XXXXX E. WETLAND J. UTILITY F. Delmarva E. Verizon	(LF) times APING 25 E T TRAFFI 9 Agricultures 9 Agricultures 10 Agr	FTRAFFIC (if (Percentage of TITEMS) THOM Acres times	5 (height) = uried) 0 5 0 ncluding ter xf 1,3&5) 5	(Percentage mporary tie (Percentage 2:1 ratio =	e of 1,3&5) i-ins) e of 1,3&5) 0.0	Ac., Times	\$250.00 \$400.00 \$7,500.00 \$10,000.00	per EA = per EA = per EA =	Total	\$39,996 \$199,980 \$199,980 \$0 \$39,996 \$0 \$0	plus 10%= plus 10%= \$12,563,100 \$339,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
I. Retaining W. J. Box Culvert J. Topsoil / Se Plantings J. MAINTEN J. MAINTEN J. MAINTEN J. Signing Stn. J. Path Lightin J. Pavement M. J. XXXXX J. WETLANE J. Oblinarya E J. Verizon J. Other Reloc J. SUBTOTA J. SUBTOTA J. SUBTOTA J. SUBTOTA J. SUBTOTA J. SUBTOTA	(LF) times APING 25 E T TRAFFI 9 Agricultures 9 Agricultures 10 Agr	FTRAFFIC (if (Percentage of TITEMS) THOM Acres times	5 (height) = uried) 0 5 (neight) = uried) 0 5 (neight) = uried) 5 5 (neight) = uried) 6 6 (neight) = uried) 6	(Percentage mporary tie (Percentage 2:1 ratio =	e of 1,3&5) i-ins) e of 1,3&5) 0.0	Ac., Times	\$250.00 \$400.00 \$7,500.00 \$10,000.00	per EA = per EA = per EA =	Total	\$39,996 \$199,980 \$199,980 \$0 \$39,996 \$0 \$0	plus 10%= plus 10%= \$12,563,100 \$339,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996	\$13,819,41,81 \$51,99 \$51,99 \$51,90 \$51,90 \$55,90 \$5
Retaining Wood of the Control of th	(LF) times APING 25 T TRAFF 10 40 40 APING 25 T TRAFF 40 40 APING APING APING APING APING API	FTRAFFIC (in (Percentage of TITEMS) TION Acres times	5 (height) = uried) 0 5 0 cluding ter 1,3&5) 5 1 NTRACT 8	(Percentage (Percentage 2:1 ratio =	e of 1,3&5) i-ins) e of 1,3&5) 0.0	Ac., Times	\$250.00 \$400.00 \$7,500.00 \$10,000.00	per EA = per EA = per EA =	Total	\$39,996 \$199,980 \$199,980 \$0 \$39,996 \$0 \$0	plus 10%= plus 10%= \$12,563,100 \$339,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996	\$13,819,41 \$51,99 \$51,90 \$51,9
. Retaining W. D. Box Culvert E. LANDSCA Topsoil / Se Plantings D. MAINTEN Signing Strr. Path Lightin Pavement N. XXXXX XXXXX Vertican Other Reloc Lightin Pavement Lightin Signing Strr. Path Lightin Control Signing Strr. Control	(LF) times APING 25 T TRAFF 10 40 40 APING 25 T TRAFF 40 40 APING APING APING APING APING API	FTRAFFIC (IF (Percentage of TITEMS) TITEMS (Percentage of TITEMS)	5 (height) = uried) 5 (neight) = uried) 6 (neight) = uried) 5 (neight) = uried) 6 (neight) = uried) 7 (neight) = uried) 7 (neight) = uried) 8 (neight) = uried) 6 (neight) = uried) 7 (neight) = uried) 8 (neight) = uried) 7 (neight) = uried) 8 (neight) = uried) 7 (neight) = uried) 8 (neight) = uried) 8 (neight) = uried) 9 (neight	(Percentage (Percentage 2:1 ratio =	e of 1,3&5) i-ins) e of 1,3&5) 0.0	Ac., Times	\$250.00 \$400.00 \$7,500.00 \$10,000.00	per EA = per EA = per EA =	Total	\$39,996 \$199,980 \$199,980 \$0 \$39,996 \$0 \$0	plus 10%= plus 10%= \$12,563,100 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$313,966,967 \$2,793,393 \$2,793,393	\$13,819,41 \$51,93 \$51,96 \$51,96 \$551,96 \$551,96 \$551,96 \$551,97 \$551,9
. Retaining W. D. Box Culvert D. LANDSCA Topsoil / Se Plantings D. MAINTEN Signing Stra Path Lightin Pavement N. XXXXX XXXXX XXXXX S. WETLANT Delmarva E Verizon Other Reloc S. SUBTOTA MISCELLA L. CONTRAC	(LF) times APING APING 25 T TRAFFI 0.0 RELOCA LICENTIC ALL NNEOUS 20 CTOR'S C 3	FTRAFFIC (if (Percentage of TIONS IN CONTINUE OF TITEMS (Percentage of CONSTRUCTIONS IN CONTINUE OF TOTAL OF	5 (height) = uried) 0 5 (neight) = uried) 0 5 (neight) = uried) 5 6 (neight) = uried) 6	(Percentage (Percentage 2:1 ratio =	e of 1,3&5) i-ins) e of 1,3&5) 0.0	Ac., Times	\$250.00 \$400.00 \$7,500.00 \$10,000.00	per EA = per EA = per EA =	Total	\$39,996 \$199,980 \$199,980 \$0 \$39,996 \$0 \$0	plus 10%= plus 10%= \$12,563,100 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$30,993 \$413,966,967 \$2,793,393 \$419,009	\$13,819,4 \$57,96 \$51,91 \$51,91 \$259,97 \$51,95 \$51,95 \$51,95 \$51,95 \$53,15 \$83,15 \$3,128,86 \$3,128,86 \$469,32 \$469,32
Retaining W. Box Culvert LANDSCA Topsoil / Se Plantings MAINTEN PROJECT Signing Str. Path Lightin Pavement N. XXXXX WETLANT Delmarva E Verizon Other Reloc SUBTOTA MISCELLA CONTRAC	(LF) times APING APING 25 T TRAFFI 0.0 RELOCA LICENTIC ALL NNEOUS 20 CTOR'S C 3	FTRAFFIC (if (Percentage of TIONS IN CONTINUE OF TITEMS (Percentage of CONSTRUCTIONS IN CONTINUE OF TOTAL OF	5 (height) = uried) 0 5 (neight) = uried) 0 5 (neight) = uried) 0 5 (neight) = uried) 1 6 (neight) = uried) 1	(Percentage (Percentage 2:1 ratio =	e of 1,3&5) i-ins) e of 1,3&5) 0.0	Ac., Times	\$250.00 \$400.00 \$7,500.00 \$10,000.00	per EA = per EA = per EA =	Total	\$39,996 \$199,980 \$199,980 \$0 \$39,996 \$0 \$0	plus 10%= plus 10%= \$12,663,100 \$39,996 \$39,996 \$39,996 \$39,996 \$50 \$53,993 \$53,993 \$53,993 \$53,993 \$53,993 \$53,993 \$53,993	\$13,819,4 \$51,96 \$51,96 \$51,96 \$259,97 \$51,96 \$51,9
Retaining W. Box Culvert LANDSCI Topsoil / Se Plantings MAINTEN PROJECT Signing Str. Path Lightin Pavement N. XXXXX WETLANE UTILITY F Defmarva E Verizon Other Reloc SUBTOTA MISCELLA CONTRAC	(LF) times APING APING 25 T TRAFFI 9 40 Adrkings D MITIGA 0.0 RELOCA' ALL LINEOUS 20 CTOR'S (3) XPENSE 3	FTRAFFIC (if (Percentage of TITEMS TITEMS (Percentage of Percentage of (Percentage of	5 (height) = uried) 0 5 (neight) = uried) 0 5 (neight) = uried) 0 5 (neight) = uried) 1 6 (neight) = uried) 1 7 (neight) = uried) 1	(Percentage (Percentage 2:1 ratio =	e of 1,3&5) i-ins) e of 1,3&5) 0.0	Ac., Times	\$250.00 \$400.00 \$7,500.00 \$10,000.00	per EA = per EA = per EA =	Total	\$39,996 \$199,980 \$199,980 \$0 \$39,996 \$0 \$0	plus 10%= plus 10%= plus 10%= \$12,663,100 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$53,993 \$53,993 \$53,993 \$53,993 \$53,993 \$53,993 \$53,993	\$13,819,4 \$57,96 \$51,91 \$51,91 \$259,97 \$51,95 \$51,9
Retaining W. Box Culvert LANDSCI Topsoil / Se Plantings MAINTEN PROJECT Signing Str. Path Lightin Pavement N. XXXXX WETLANE UTILITY F Defmarva E Verizon Other Reloc SUBTOTA MISCELLA CONTRAC	(LF) times APING APING 25 T TRAFFI 9 40 Adrkings D MITIGA 0.0 RELOCA' ALL LINEOUS 20 CTOR'S (3) XPENSE 3	FTRAFFIC (IF (Percentage of TONS IN CONTINUED) TITEMS (Percentage of Continued) (Percentage of Continued) (Percentage of Continued)	5 (height) = uried) 0 5 (height) = 1 6 (heig	(Percentage (Percentage 2:1 ratio =	e of 1,3&5) i-ins) e of 1,3&5) 0.0	Ac., Times	\$250.00 \$400.00 \$7,500.00 \$10,000.00	per EA = per EA = per EA =	Total	\$39,996 \$199,980 \$199,980 \$0 \$39,996 \$0 \$0	plus 10%= plus 10%= \$12,663,100 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$50 \$53,993 \$53,993 \$53,993 \$53,993 \$53,993 \$5419,009 \$419,009 \$419,009	\$13,819,4 \$57,96 \$51,91 \$51,91 \$259,97 \$51,95 \$51,9
Retaining W. Box Culvert LANDSCA Topsoil / Se Plantings MAINTEN PROJECT Signing Str. Path Lightin Pavement N. XXXXX WETLANE Uritity F Delmarva E Verizon Other Reloc SUBTOTA MISCELLA CONTRAC	(LF) times APING APING 25 T TRAFFI Quadratings 0.0 RELOCA LINEOUS 20 CTOR'S (1) XPENSE 3 LUCTION (1)	FTRAFFIC (IF (Percentage of TITEMS TITEMS (Percentage of TONS IN CONTINUED OF TONS IN CONTINU	5 (height) = uried) 0 5 (height) = 1 6 (heig	(Percentage 2:1 ratio = (Percentage	e of 1,3&5) i-ins) e of 1,3&5) 0.0	Ac., Times	\$250.00 \$400.00 \$7,500.00 \$10,000.00	per EA = per EA = per EA =	Total	\$39,996 \$199,980 \$199,980 \$0 \$39,996 \$0 \$0	plus 10%= plus 10%= \$12,663,100 \$39,996 \$39,996 \$39,996 \$39,996 \$50 \$53,993 \$53,993 \$53,993 \$53,993 \$53,993 \$53,993 \$53,993 \$53,993 \$53,993 \$53,993 \$53,993	\$13,819,4 \$57,96 \$51,91 \$51,91 \$259,97 \$51,95 \$51,9
Retaining W. Box Culvert LANDSC/ LOSSIN STATE MAINTEN MAINTEN PROJECT Signing Str. Signing Str. WETLANG UTILITY F Delmarva E Verizon Other Reloc CONTRAC LONTRAC	(LF) times APING 25 I TRAFFI 10 0.0 RELOCA 20 CTOR'S (3 XPENSE 3 UCTION 1 10 ONSTRU	FTRAFFIC (IF (Percentage of CITEMS) TION Acres times TIONS IN CONTINUENT (Percentage of CONTINGENC) (Percentage of CONTINGENC) (Percentage of CONTINGENC)	5 (height) = uried) 0 5 0 Cluding ter \$1,385) 5 1 NTRACT 8 WH) ON ENGINI WH) WH) YH SH (H thru L	(Percentage 2:1 ratio = (Percentage	e of 1,3&5) i-ins) e of 1,3&5) 0.0	Ac., Times	\$250.00 \$400.00 \$7,500.00 \$10,000.00	per EA = per EA = per EA =	Total	\$39,996 \$199,980 \$199,980 \$0 \$39,996 \$0 \$0	plus 10%= plus 10%= \$12,663,100 \$39,996 \$39,996 \$39,996 \$39,996 \$50 \$53,993 \$53,993 \$53,993 \$53,993 \$53,993 \$53,993 \$53,993 \$53,993 \$53,993 \$53,993 \$53,993 \$53,993 \$53,993 \$53,993 \$53,993 \$53,993 \$53,993 \$53,993 \$53,993	\$13,819,4 \$57,96 \$51,91 \$51,91 \$51,91 \$51,91 \$51,92 \$51,92 \$51,93 \$3,12 \$83,11 \$3,128,84 \$3,128,84 \$469,32 \$469,32 \$469,32 \$469,32 \$469,32 \$469,32 \$469,32 \$469,32 \$469,32
. Retaining W. De Box Culvert C. LANDSC/ Topsoil / Se Plantings D. MAINTEN E. PROJECT Signing Str. Signin	(LF) times APING 25 I TRAFFI 10 0.0 RELOCA 20 CTOR'S (3 XPENSE 3 UCTION 1 10 ONSTRU	FTRAFFIC (IF (Percentage of TION) Acres times TIONS IN COMMENTAGE (Percentage of CONTINGENC	5 (height) = uried) 0 5 (o height) = uried) 0 5 (o height) = uried) 0 5 (o height) = uried) 1,38.5) 6 (o height) = uried) 1,38.5) 7 (o height) = uried	(Percentage 2:1 ratio = (Percentage	e of 1,3&5) i-ins) e of 1,3&5) 0.0	Ac., Times	\$250.00 \$400.00 \$7,500.00 \$10,000.00	per EA = per EA = per EA =	Total	\$39,996 \$199,980 \$199,980 \$0 \$39,996 \$0 \$0	plus 10%= plus 10%= \$12,663,100 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$419,009 \$419,009 \$419,009 \$419,009 \$419,009 \$419,009 \$419,009	\$13,819,4 \$57,96 \$51,91 \$51,91 \$259,92 \$51,95 \$51,95 \$3,15 \$3,128,81 \$3,128,81 \$469,32 \$469,32 \$469,32 \$469,32 \$469,31 \$1,564,4 \$
. Retaining W. De Box Culvert C. LANDSC/ Topsoil / Se Plantings D. MAINTEN E. PROJECT Signing Str. Signin	APING APING 25 T TRAFFI Outrors 0 0 ARELOCA ALL ALL ALL ALL ALL ALL ALL	FTRAFFIC (IF (Percentage of CTITEMS) TITEMS (Percentage of CTITEMS) TONS IN CONTINUE (Percentage of CTITEMS) (Percentage of CTITEMS)	5 (height) = uried) 0 5 0 Solution of the state of the	(Percentage 2:1 ratio = (Percentage	e of 1,3&5) i-ins) e of 1,3&5) 0.0	Ac., Times	\$250.00 \$400.00 \$7,500.00 \$10,000.00	per EA = per EA = per EA =	Total	\$39,996 \$199,980 \$199,980 \$0 \$39,996 \$0 \$0	plus 10%= plus 10%= \$12,663,100 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$53,996,967 \$52,793,393 \$419,009 \$419,009 \$419,009 \$51,396,697 \$51,396,697 \$51,396,697 \$51,396,697 \$52,849,261	\$13,819,4 \$57,96 \$51,91 \$51,91 \$259,92 \$51,95 \$51,95 \$3,15 \$3,128,84 \$3,128,84 \$469,32 \$469,32 \$469,32 \$469,31 \$1,564,44 \$1,264,45 \$1,26
Retaining W. Box Culvert Landsc/ Land	(LF) times APING 25 TTRAFFI D MITIGA 0.0 RELOCA: 3 XPENSE 3 XPENSE 3 ONSTRU UCTION 15	FTRAFFIC (IF (Percentage of CITEMS) TION Acres times TIONS IN COMMITTEMS (Percentage of CONTINGENC (PERCENTAGE OF CONT	5 (height) = uried) 0 5 (neight) = uried) 0 5 (neight) = uried) 0 5 (neight) = uried) 1 6 (neight) = uried) 1	(Percentage (Percentage 2:1 ratio = (Percentage	0.0 of 1.385)	Ac., Times	\$250.00 \$400.00 \$7,500.00 \$10,000.00	per EA = per EA = per EA =	Total	\$39,996 \$199,980 \$199,980 \$0 \$39,996 \$0 \$0	plus 10%= plus 10%= \$12,663,100 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$53,996 \$53,993 \$53,996,967 \$52,793,393 \$419,009 \$419,009 \$419,009 \$419,009 \$419,009 \$51,396,697 \$52,849,261 \$52,849,261	\$13,819,4 \$51,96 \$51,96 \$51,96 \$55,99 \$551,96
Retaining W. Box Culvert Landsc/ Land	(LF) times APING 25 TTRAFFI D MITIGA 0.0 RELOCA: 3 XPENSE 3 XPENSE 3 ONSTRU UCTION 15	FTRAFFIC (in (Percentage of CITEMS TION Acres times TIONS IN CON ITEMS (Percentage of CONTINGENC	5 (height) = uried) 0 5 (neight) = uried) 0 5 (neight) = uried) 0 5 (neight) = uried) 1 6 (neight) = uried) 1	(Percentage (Percentage 2:1 ratio = (Percentage	0.0 of 1.385)	Ac., Times	\$250.00 \$400.00 \$7,500.00 \$10,000.00	per EA = per EA = per EA =	Total	\$39,996 \$199,980 \$199,980 \$0 \$39,996 \$0 \$0	plus 10%= plus 10%= \$12,563,100 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$419,009 \$419,009 \$419,009 \$419,009 \$419,009 \$419,009 \$419,009 \$419,009 \$419,009 \$419,009 \$419,009 \$419,009 \$419,009 \$419,009	\$13,819,4 \$51,96 \$51,96 \$51,96 \$55,99 \$551,96
Retaining W. Box Culvert Box Culvert L Topsoil / Se Plantings MAINTEN MISCELLA L Topsoil / Se Plantings MISCELLA L Topsoil / Se MISCELLA L TOTAL C L CONSTRU MISCELLA L TOTAL C	(LF) time: APING APING 25 FTRAFFI OUTION ARELOCA 3 XXPENSE 3 XXPENSE 3 UCTION 10 10 ONSTRU UCTION 15	FTRAFFIC (in (Percentage of CONTINGENCE)	5 (height) = uried) 0 5 (neight) = uried) 0 5 (neight) = uried) 0 5 (neight) = uried) 1 6 (neight) = uried) 1	(Percentage (Percentage 2:1 ratio = (Percentage	0.0 of 1.385)		\$250.00	per SF = per EA = per EA = per EA.	Total	\$39,996 \$0 \$199,980 \$0 \$39,996 \$0 \$0 \$63,993	plus 10%= plus 10%= \$12,563,100 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$419,009 \$419,009 \$419,009 \$419,009 \$419,009 \$419,009 \$419,009 \$419,009 \$419,009 \$419,009 \$419,009 \$419,009 \$419,009 \$419,009	\$13,819,41 \$51,99 \$51,99 \$51,99 \$259,97 \$51,99 \$51,99 \$51,99 \$51,99 \$51,90 \$51,
Retaining W. Retaining W. Box Culvert Landscal Topsoil / Se. Plantings Mainten	(LF) time: APING APING 25 FTRAFFI OUTION ARELOCA 3 XXPENSE 3 XXPENSE 3 UCTION 10 10 ONSTRU UCTION 15	FTRAFFIC (in (Percentage of CITEMS TION Acres times TIONS IN CON Percentage of (Percentage of CONSTRUCTI (Percentage of CONTINGENC (PERCENTAGE (PE	5 (height) = uried) 0 5 (height) = uried) 1,385 (height) 1,385 (h	(Percentage (Percentage 2:1 ratio = (Percentage (Percentage (Percentage (Percentage (Percentage (Percentage	0.0 of 1.385)		\$250.00 \$400.00 \$7,500.00 \$10,000.00 DP Electric+	per SF = per EA = per EA = per EA.	Total	\$39,996 \$0 \$199,980 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	plus 10%= plus 10%= \$12,663,100 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$30,993 \$413,966,967 \$419,009	\$13,819,41 \$51,99 \$51,91 \$51,9
I. Retaining W. J. Box Culvert J. LANDSC/ L. TOPSCII / Se Plantings D. MAINTEN E. PROJECT Signing Str. Path Lightin Pavement N. VXXXXX S. WETLANG J. UTILITY F. Delmarva E. Verizon J. Other Reloc J. CONTRAC C. INITIAL E. J. CONSTRU J.	(LF) time: APING APING 25 FTRAFFI OUTION ARELOCA 3 XXPENSE 3 XXPENSE 3 UCTION 10 10 ONSTRU UCTION 15	FTRAFFIC (in (Percentage of CITEMS TION Acres times TIONS IN CON Percentage of (Percentage of CONSTRUCTI (Percentage of CONTINGENC (PERCENTAGE (PE	5 (height) = uried) 0 5 (neight) = uried) 1 6 (neight) = uried) 1	(Percentage (Percentage 2:1 ratio = (Percentage	0.0 of 1.385)		\$250.00 \$400.00 \$7,500.00 \$10,000.00 DP Electric+	per SF = per EA = per EA = per EA.	Total	\$39,996 \$0 \$199,980 \$0 \$39,996 \$0 \$0 \$63,993	plus 10%= plus 10%= \$12,663,100 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$39,996 \$30,993 \$413,966,967 \$419,009	\$13,819,41,81 \$51,99 \$51,99 \$51,99 \$51,99 \$259,97 \$51,99 \$51,99 \$51,99 \$51,99 \$51,99 \$51,99 \$51,99 \$51,99 \$51,99 \$51,99 \$51,99 \$51,99

Churchman's Crossing
Preliminary Cost Estimate - Christiana Mall Access Road-Bus Only
Bus-Only from Christiana Mall area near Cabela's to 1-95 NB

a. Surface:	PAVEMENT	PATCHING	S SECTION					Full-depth Pa	vement Width	Sq Ft	
1- 2	Superpave, Typ	pe C, 160 G	yrations, PG	64-22 (carb	onate stone) (401029) Tons	3	Length 400	30	12,000	
. Base: 2 - 3	0 T	D 400.0		04.00 (4040	00) T			Mill & Overlag	Width	Sq Ft	
	Superpave, Typ							1,150	20	23,000	
3- 5	Superpave, Bit	uminous Co	oncrete Base (Jourse, 160	Gyrations, PG	64-22 (40103	31) Ions				
. Subbase: 4 - 8	inches of Grade	ed Aggregat	te Base Cours	e, Type B P	atching (3010	002) CY					
										Contigency	% Contingency 30
. GRADING See Earth	hwork Summary S	Sheet								\$39,000	\$50,70
 a. Excavation b. Borrow 	on 900	CY @	\$30.00 \$30.00						\$27,000 \$12,000		\$35,10 \$15,60
	-		•					Total	4,000	\$39,000	\$50,70
. DRAINAGE										\$18,595	\$24,17
5 Stormwater Manageme	(Percentage of					****			\$18,595		\$24,17
stormwater Manageme	nt	0	EA			\$100,000.00	per EA =	Total	\$0	\$18,595	\$24,17
B. PAVEMENT PAT										\$158,546	\$206,11
12,00 23,00	00 sf/9= 00 sf/9=	1,333 2,556	SY SY	Say: Say:		SY SY	Full Depth F Mill and Ov	Paving Only (1 erlay Only (1a)	,2,3 & 4)		
. Surface:											
(1) 1,400 (1a) 2,600	SY Div. by SY Div. by	8.80 8.80	sy/ton = sy/ton =	159 295	Ton,Times Ton,Times	\$140.00 \$140.00	per Ton = per Ton =		\$22,273 \$41,364		
								Total		\$63,636	\$82,72
o. Base: (2) 1,400	SY Div. by	5.79	sy/ton =	242	Ton,Times	\$130.00	per Ton =		\$31,434		
(3) 1,400	SY Div. by	3.52	sy/ton =	398	Ton,Times	\$100.00	per Ton =	Total	\$39,773	\$71.206	\$92.56
: Subbase: (4) 12,000	SF times	0 666667	ft /27cf/cy =	296	CY, Times	\$80.00	per CY =	7000	\$23,704	Ų. 1,200	402,30
(4) 12,000	o, umes	0.300007	y =	200	or, railes	φυυ.υυ	Pai 01 =	Total	ψευ, / U4	\$23,704	\$30,81
. EROSION / SEDI	MENT CONTRO	L								\$0	\$
	Included in Dra	ainage							\$0		
. MISCELLANEOU	S									\$174,356	\$226,66
. 6" Curb & Gutter (70		800	LF			\$70.00	per LF =		\$56,000		\$72,80
. Hot-Mix SUP . Guardrail	•	0	SF LF			\$8.00 \$32.00	per SF = per LF =		\$0 \$0		972,00
. CPM Schedule	01000\	1	LS LS			ψυ 2.0 U	pai LF≡		\$10,000 \$25.000		\$13,00 \$32.50
Clearing/Grubbing (2 Field Office Milling (760010)		1	LS	E 000	CV.INI T	e+ n=	nor CV III		\$10,000		\$13,0
. Milling (760010) . Fencing (XXXXXX)	200	2,600 300	SY * 2* = LF	5,200	SY-IN,Times	\$180.00	per SY-IN =	-	\$5,200 \$54,000		\$6,70 \$70,20
Vehicular Gate (XXX) Sawcutting (762000)		0 370	Each LF			\$5,000.00 \$5.00	per LF =		\$0 \$1,850		\$2,4
. PCC Removal (2110) Underdrain (709001)	01)	172 400	SY LF			\$25.00 \$20.00	per SY = per LF =		\$4,306 \$8,000		\$5,59 \$10,40
.4" Sidewalk		0	SF			\$15.00	per SF =		\$0		:
								Total		\$174,356	\$226,6
S. STRUCTURE CO	NSTRUCTION									\$0	\$
. Bridge Over Roadwa	y or Highway	for the s	•	65		Ann	-c-0-			alua 400/	
0 (LF) time		(width) =	0	SF		\$270.00	per SF =		\$0	plus 10%=	\$
. Old structure Remov . Retaining Wall (Modu	ular Block) (60701								\$0	plus 10%=	\$
0 (LF) time	es 5 (Assume 1' but		0	SF		\$50.00			\$0	plus 10%=	\$
. Box Culvert		0	SF			\$250.00	per SF =	Total	\$0	plus 10%=	
. LANDSCAPING								i ottai		•••	
E E PRINCE DE LA TRACE										\$11 157	
Tanasil / Cand / Mula		•	(Descentes)	af 1 285\					\$44.4E7	\$11,157	\$14,50
. Topsoil / Seed / Mulc . Plantings	th	3 0	(Percentage	of 1,3&5)		\$400.00	per EA =		\$11,157 \$0	\$11,157	\$14,50 \$14,50
. Topsoil / Seed / Mulc . Plantings	h		(Percentage	of 1,3&5)		\$400.00	per EA =	Total		\$11,157 \$11,157	\$14,50 \$14,50
. Plantings		Ô				\$400.00	per EA =	Total			\$14,50 \$14.50
. Plantings	OF TRAFFIC (inc	0 cluding ter				\$400.00	per EA =	Total		\$11,157	\$14,50 \$14.50 \$14,50
. Plantings D. MAINTENANCE C	OF TRAFFIC (inc	0 cluding ter				\$400.00	per EA =	Total	\$0	\$11,157 \$18,595	\$14,50 \$14,50 \$14,50 \$24,17
D. MAINTENANCE C 5 E. PROJECT TRAFF	OF TRAFFIC (inc	0 cluding ter				\$400.00	per EA =	Total	\$0 \$18,595	\$11,157	\$14,50 \$14,50 \$14,50 \$24,17
D. MAINTENANCE C 5 D. PROJECT TRAFF Signing Structures Path Lighting	OF TRAFFIC (inc	0 cluding ter	mporary tie	ins)			per EA =	Total	\$18,595 \$0 \$0 \$0	\$11,157 \$18,595	\$14,50 \$14,50 \$14,50 \$24,17 \$14,50
D. MAINTENANCE C 5 I. PROJECT TRAFF Signing Structures Path Lighting Pavement Markings	OF TRAFFIC (inc	0 cluding ter		ins)			per EA =		\$0 \$18,595	\$11,157 \$18,595 \$11,157	\$14,50 \$14,51 \$14,51 \$24,17 \$14,50
D. MAINTENANCE C 5 E. PROJECT TRAFF Signing Structures Path Lighting Pavement Markings XXXXX	OF TRAFFIC (inc (Percentage of FIC ITEMS	0 cluding ter	mporary tie	ins)		\$7,500.00	per EA =	Total	\$18,595 \$0 \$0 \$0 \$11,157	\$11,157 \$18,595 \$11,157	\$14,50 \$14,51 \$14,51 \$24,17 \$14,50 \$14,50 \$14,50
. MAINTENANCE C 5 . PROJECT TRAFF . Signing Structures . Path Lighting . Pawement Markings . XXXXX . WETLAND MITIG.	OF TRAFFIC (inc (Percentage of FIC ITEMS	0 cluding ter	mporary tie-	of 1.385)		\$7,500.00	per EA =		\$0 \$18,595 \$0 \$0 \$11,157 \$0	\$11,157 \$18,595 \$11,157	\$14,5(\$14.5) \$14,5(\$24,17 \$14,5(\$14,5)
D. MAINTENANCE C 5 E. PROJECT TRAFF Signing Structures Path Lighting Pavement Markings XXXXX	OF TRAFFIC (inc (Percentage of FIC ITEMS	0 cluding ter	mporary tie	ins)	Ac., Times	\$7,500.00	per EA =		\$18,595 \$0 \$0 \$0 \$11,157	\$11,157 \$18,595 \$11,157	\$14,5(\$14.5) \$14,5(\$24,17 \$14,5(\$14,5)
. Plantings D. MAINTENANCE C 5 E. PROJECT TRAFF Path Lighting Pawment Markings XXXXX E. WETLAND MITIG.	OF TRAFFIC (inc (Percentage of FIC ITEMS	0 cluding tell 1,385)	mporary tie-	of 1.385)	Ac., Times	\$7,500.00	per EA =		\$0 \$18,595 \$0 \$0 \$11,157 \$0	\$11,157 \$18,595 \$11,157	\$14,50 \$14,50 \$14,50 \$24,17 \$14,50 \$14,50 \$14,50 \$14,50
D. MAINTENANCE C S. PROJECT TRAFF Signing Structures Path Lighting Pawment Markings XXXXXX WETLAND MITIG. 0.0 S. UTILITY RELOCA Delmava Electric	OF TRAFFIC (inc (Percentage of FIC ITEMS	0 cluding tell 1,385)	mporary tie-	of 1.385)	Ac., Times	\$7,500.00	per EA =		\$0 \$18,595 \$0 \$0 \$11,157 \$0	\$11,157 \$18,595 \$11,157 \$11,157	\$14,50 \$14,50 \$14,50 \$24,17 \$14,50 \$14,50 \$14,50
D. MAINTENANCE C 5 E. PROJECT TRAFF Signing Structures Path Lighting Pawement Markings XXXXXX C. WETLAND MITIG. 0.0 S. UTILITY RELOCA	OF TRAFFIC (inc (Percentage of FIC ITEMS	0 cluding tell 1,385)	mporary tie-	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$0 \$18,595 \$0 \$0 \$11,157 \$0	\$11,157 \$18,595 \$11,157 \$11,157	\$14,50 \$14,50 \$14,50 \$14,50 \$14,50 \$14,50 \$14,50 \$14,50 \$14,50
D. MAINTENANCE C D. MAINTENANCE C D. MAINTENANCE C D. PROJECT TRAFF Signing Structures Path Lighting Pawement Markings XXXXX WETLAND MITIG. D. D. UTILITY RELOCA Delmaya Electric Verizon Verizon	OF TRAFFIC (inc (Percentage of FIC ITEMS	1,385) 3 1 TRACT	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =		\$0 \$18,595 \$0 \$0 \$11,157 \$0 \$0	\$11,157 \$18,595 \$11,157 \$11,157	\$14,50 \$14.50 \$14,50
Plantings MAINTENANCE C S PROJECT TRAFF Signing Structures Path Lighting Pawement Markings XXXXX WETLAND MITIG. 0.0 UTILITY RELOCA Defmarva Electric Verticon Other Relocations	OF TRAFFIC (inc (Percentage of FIC ITEMS	1,385) 3 1 TRACT	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$0 \$18,595 \$0 \$0 \$11,157 \$0 \$0	\$11,157 \$18,595 \$11,157 \$11,157 \$11,157	\$14,56 \$14,55 \$14,55 \$14,56 \$14,56 \$14,56 \$14,56 \$14,56 \$14,56 \$14,56 \$14,56
Plantings MAINTENANCE C S PROJECT TRAFF Signing Structures Path Lighting Pawment Markings XXXXX WETLAND MITIG. 0.0 UTILITY RELOCA Delmarva Electric Vertizon Other Relocations SUBTOTAL	OF TRAFFIC (inc. (Percentage of FIC ITEMS ATION Acres times ATIONS IN CON	1,385) 3 1 TRACT	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$0 \$18,595 \$0 \$0 \$11,157 \$0 \$0	\$11,157 \$18,595 \$11,157 \$11,157 \$11,157 \$11,157 \$11,157	\$14,56 \$1
Plantings MAINTENANCE C S PROJECT TRAFF Signing Structures Path Lighting Pawment Markings XXXXX WETLAND MITIG 0.0 LUTILITY RELOCA Other Relocations UNIVERSELLANEOUS SUBSTITUTE MISCELLANEOUS	OF TRAFFIC (inc. (Percentage of)FIC ITEMS ACTION ACTOS times ACTIONS IN CON	1,385) 3 1 TRACT	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$0 \$18,595 \$0 \$0 \$11,157 \$0 \$0	\$11,157 \$18,595 \$11,157 \$11,157 \$11,157 \$11,157 \$11,157 \$11,157 \$442,563 \$88,513	\$14,56 \$1
Plantings . MAINTENANCE C . MAINTENANCE C 5 . PROJECT TRAFF . Signing Structures Path Laphting Pawement Markings . XXXXX . WETLAND MITIG. .0.0 5. UTILITY RELOCA Delmarva Electric Verizon Other Relocations . SUBTOTAL MISCELLANEOUS 20	OF TRAFFIC (inc. (Percentage of Pic ITEMS ATION Acres times ATIONS IN CON	0 cluding ter 1,385) 3 1 TRACT 3	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$0 \$18,595 \$0 \$0 \$11,157 \$0 \$0	\$11,157 \$18,595 \$11,157 \$11,157 \$11,157 \$11,157 \$11,157 \$442,563 \$88,513 \$88,513	\$14,56 \$1
Plantings MAINTENANCE C PROJECT TRAFF Signing Structures Path Lighting Pawment Markings XXXXX WETLAND MITIG. 0.0 UTILITY RELOCA Defmarva Electric Vertizon Other Relocations I. SUBTOTAL MISCELLANEOUS 20 CONTRACTOR'S	OF TRAFFIC (inc. (Percentage of inc. (Percentage of inc.)) ACTION ACTOR times ACTIONS IN CON. SITEMS (Percentage of CONSTRUCTIC	1,385) 1 TRACT 3 DN ENGINE	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$0 \$18,595 \$0 \$0 \$11,157 \$0 \$0	\$11,157 \$18,595 \$11,157 \$11,157 \$11,157 \$11,157 \$11,157 \$442,563 \$88,513 \$88,513 \$88,513	\$14,54 \$14,5
Plantings . MAINTENANCE C . MAINTENANCE C 5 . PROJECT TRAFF . Signing Structures Path Laphting Pawment Markings . XXXXX . WETLAND MITIG. 0.0 5. UTILITY RELOCA Delmarva Electric Verizon Other Relocations . SUBTOTAL MISCELLANEOUS 20 . CONTRACTOR'S	OF TRAFFIC (inc. (Percentage of Pic ITEMS ATION Acres times ATIONS IN CON BITEMS (Percentage of CONSTRUCTIC (PERCENTAGE of CONS	1,385) 1 TRACT 3 DN ENGINE	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$0 \$18,595 \$0 \$0 \$11,157 \$0 \$0	\$11,157 \$18,595 \$11,157 \$11,157 \$11,157 \$11,157 \$11,157 \$442,563 \$88,513 \$88,513 \$13,277 \$13,277	\$14,56 \$1
Plantings . MAINTENANCE C . MAINTENANCE C 5 . PROJECT TRAFF . Signing Structures Path Laphting Pawment Markings . XXXXX . WETLAND MITIG. 0.0 5. UTILITY RELOCA Delmarva Electric Verizon Other Relocations . SUBTOTAL MISCELLANEOUS 20 . CONTRACTOR'S	OF TRAFFIC (inc. (Percentage of Pic ITEMS ATION Acres times ATIONS IN CON BITEMS (Percentage of CONSTRUCTIC (PERCENTAGE of CONS	1,385) 1 TRACT 3 DN ENGINE	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$0 \$18,595 \$0 \$0 \$11,157 \$0 \$0	\$11,157 \$18,595 \$11,157 \$11,157 \$11,157 \$11,157 \$11,157 \$442,563 \$88,513 \$88,513 \$88,513	\$14,56 \$1
Plantings .MAINTENANCE C 5 .PROJECT TRAFF Signing Structures Path Lighting Pawement Markings XXXXX .WETLAND MITIG. 0.0 .UTILITY RELOCA Delmarva Electric Verizon Other Relocations .SUBTOTAL MISCELLANEOUS 20 .CONTRACTOR'S	OF TRAFFIC (inc. (Percentage of Pic ITEMS ATION Acres times ATIONS IN CON BITEMS (Percentage of CONSTRUCTIC (PERCENTAGE of CONS	1 1,385) 3 3 1 1 TRACT 3 DN ENGIN!	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$0 \$18,595 \$0 \$0 \$11,157 \$0 \$0	\$11,157 \$18,595 \$11,157 \$11,157 \$11,157 \$11,157 \$11,157 \$442,563 \$88,513 \$88,513 \$13,277 \$13,277	\$14,54 \$14,5
Plantings MAINTENANCE C PROJECT TRAFF Signing Structures Path Lighting Pawement Markings XXXXXX WETLAND MITIG. 0.0 .UTILITY RELOCA Delmarva Electric Verizon Other Relocations 20 CONTRACTOR'S 3 .INITIAL EXPENSI	CONSTRUCTIC (Percentage of Percentage of Pe	1.385) 1 1.7865) 1 1.7865) 1 1 1.7865 1 1 1.78651 1 1 1.78651 1 1 1.78651 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$0 \$18,595 \$0 \$0 \$11,157 \$0 \$0	\$11,157 \$18,595 \$11,157 \$11,157 \$11,157 \$11,157 \$11,157 \$442,563 \$88,513 \$88,513 \$13,277 \$13,277	\$14,54 \$14,5
Plantings MAINTENANCE C PROJECT TRAFF Signing Structures Path Lighting Pawement Markings XXXXXX WETLAND MITIG. 0.0 .UTILITY RELOCA Delmarva Electric Verizon Other Relocations 20 CONTRACTOR'S 3 .INITIAL EXPENSI	CONSTRUCTIC (Percentage of Percentage of Pe	1.3&5) 1 TRACT 3 HH) HH)	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$0 \$18,595 \$0 \$0 \$11,157 \$0 \$0	\$11,157 \$18,595 \$11,157 \$11,157 \$11,157 \$11,157 \$11,157 \$442,563 \$88,513 \$88,513 \$13,277 \$13,277 \$13,277	\$14,54 \$14,5
Plantings . MAINTENANCE C . MAINTENANCE C 5 . PROJECT TRAFF . Signing Structures Path Laghring Pawement Markings XXXXX . WETLAND MITIG. 0.0 . UTILITY RELOCA Delmarva Electric Verizon Other Relocations . SUBTOTAL MISCELLANEOUS 20 . CONTRACTOR'S 3 . INITIAL EXPENSI 3 . CONSTRUCTION 10	ATION ACTOR IMPACT ACTOR IMPA	1.3845) 1 1.3845) 1 1	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$0 \$18,595 \$0 \$0 \$11,157 \$0 \$0	\$11,157 \$18,595 \$11,157 \$11,157 \$11,157 \$11,157 \$11,157 \$11,157 \$442,563 \$88,513 \$13,277 \$13,277 \$13,277 \$44,256 \$44,256	\$14,56 \$14,51 \$14,51 \$14,56 \$1
Plantings . MAINTENANCE C . MAINTENANCE C . S . PROJECT TRAFF . Signing Structures Path Laghting Pawement Markings . XXXXX . WETLAND MITIG 0.0 . UTILITY RELOCA Delmarva Electric Verizon Other Relocations . SUBTOTAL . SUBTOTAL . SUBTOTAL . CONTRACTOR'S INITIAL EXPENSI	ATION ACTOR LIMBS ATION ACTOR LIMBS ATIONS IN CONTINUENCE (Percentage of CONSTRUCTIC (Percentage of CONTINGENC) (Percentage of CONTINGENC) (Percentage of CONTINGENC) (Percentage of CONTINGENC)	1.385) 1 TRACT 3 HH) NN ENGINI H) H) Y H)	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$0 \$18,595 \$0 \$0 \$11,157 \$0 \$0	\$11,157 \$18,595 \$11,157 \$11,157 \$11,157 \$11,157 \$11,157 \$11,157 \$442,563 \$88,513 \$88,513 \$13,277 \$13,277 \$13,277 \$44,256 \$44,256	\$14,56 \$1
Plantings MAINTENANCE C PROJECT TRAFF Signing Structures Path Laphting Pawement Markings XXXXX WETLAND MITIG. 0.0 LUTILITY RELOCA Delmarva Electric Verizon Other Relocations 20 CONTRACTOR'S 3 LINITIAL EXPENSI 3 CONSTRUCTION 10 I. TOTAL CONSTRUCTION II. TOTAL CONSTRUCTION	ATION ACTOR IMPACT ACTOR IMPA	1.385) 1 TRACT 3 HH) HH) HY HH) S (H thru L	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$0 \$18,595 \$0 \$0 \$11,157 \$0 \$0	\$11,157 \$18,595 \$11,157 \$11,157 \$11,157 \$11,157 \$11,157 \$11,157 \$442,563 \$88,513 \$88,513 \$13,277 \$13,277 \$13,277 \$44,256 \$44,256 \$601,886 \$90,283	\$14,56 \$1
Plantings . MAINTENANCE C . MAINTENANCE C . S . PROJECT TRAFF . Signing Structures Path Laghting Pawement Markings . XXXXX . WETLAND MITIG 0.0 . UTILITY RELOCA Delmarva Electric Verizon Other Relocations . SUBTOTAL . SUBTOTAL . SUBTOTAL . CONTRACTOR'S INITIAL EXPENSI	ATION ACTOR LIMBS ATION ACTOR LIMBS ATIONS IN CONTINUENCE (Percentage of CONSTRUCTIC (Percentage of CONTINGENC) (Percentage of CONTINGENC) (Percentage of CONTINGENC) (Percentage of CONTINGENC)	1.385) 1 TRACT 3 HH) HH) HY HH) S (H thru L	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$0 \$18,595 \$0 \$0 \$11,157 \$0 \$0	\$11,157 \$18,595 \$11,157 \$11,157 \$11,157 \$11,157 \$11,157 \$11,157 \$442,563 \$88,513 \$88,513 \$13,277 \$13,277 \$13,277 \$44,256 \$44,256	\$14,54 \$14,54 \$14,56 \$1
Plantings . MAINTENANCE C . MAINTENANCE C . S . PROJECT TRAFF . Signing Structures Path Laghting Pawment Markings XXXXX . WETLAND MITIG 0.0 . UTILITY RELOCA Delmarva Electric Verizon Other Relocations . SUBTOTAL MISCELLANEOUS . CONTRACTOR'S . INITIAL EXPENSI . CONSTRUCTION . 10 I. TOTAL CONSTRUCTION . 15	ATION ACTOR LIMING	1.385) 1 TRACT 3 HH) NN ENGINI H) Y H) S (H thru L	(Percentage	of 1,3&5)	Ac., Times	\$7,500.00	per EA =	Total	\$0 \$18,595 \$0 \$0 \$11,157 \$0 \$0	\$11,157 \$18,595 \$11,157 \$11,157 \$11,157 \$11,157 \$11,157 \$11,157 \$442,563 \$88,513 \$88,513 \$13,277 \$13,277 \$13,277 \$44,256 \$44,256 \$601,886 \$90,283	\$14,54 \$14,54 \$14,56 \$1
Plantings .MAINTENANCE C .MAINTENANCE C .PROJECT TRAFF .Signing Structures Path Lighting Pavement Markings XXXXX .WETLAND MITIG. .O. .UTILITY RELOCA Delmarva Electric Verizon Other Relocations .SUBTOTAL MISCELLANEOUS .CONTRACTOR'S .CONSTRUCTION .TOTAL CONSTRUCTION .TOTAL CONSTRUCTION .TOTAL CONSTRUCTION .TOTAL CONSTRUCTION .TOTAL CONSTRUCTION	ATION ACTOR LIMBS (Percentage of CONSTRUCTIO (Percentage of Percentage of LUCTION COSTS LENGINEERING (Percentage OF LU	1,385) 1 1,385) 1 1 TRACT 3 3	(Percentage 2:1 ratio = (Percentage	0.0 of 1.385)	Ac., Times	\$7,500.00	per EA =	Total	\$0 \$18,595 \$0 \$0 \$11,157 \$0 \$0	\$11,157 \$18,595 \$11,157 \$11,157 \$11,157 \$11,157 \$11,157 \$442,563 \$88,513 \$88,513 \$13,277 \$13,277 \$44,256 \$44,256 \$601,886 \$90,283 \$90,283	\$14,54 \$14,54 \$14,56 \$1
Plantings . MAINTENANCE C . MAINTENANCE C . PROJECT TRAFF . Signing Structures Path Laphting Pawement Markings XXXXX . WETLAND MITIG. . O. . UTILITY RELOCA Delmarva Electric Verizon Other Relocations . SUBTOTAL MISCELLANEOUS 20 . CONTRACTOR'S 3 . INITIAL EXPENSI 3 . CONSTRUCTION 10 1. TOTAL CONSTRUCTION 15 . TOTAL CONSTRUCTION 15	ATION ACTOR LIMBS (Percentage of CONSTRUCTIO (Percentage of Percentage of LUCTION COSTS LENGINEERING (Percentage OF LU	1,385) 1 1,385) 1 1 TRACT 3 3	(Percentage 2:1 ratio = (Percentage	0.0 of 1.385)	Ac., Times	\$7,500.00	per EA =	Total	\$0 \$18,595 \$0 \$0 \$11,157 \$0 \$0	\$11,157 \$18,595 \$11,157 \$11,157 \$11,157 \$11,157 \$11,157 \$442,563 \$88,513 \$88,513 \$13,277 \$13,277 \$13,277 \$44,256 \$601,886 \$90,283 \$90,283	\$14,56 \$1
Plantings D. MAINTENANCE C E. PROJECT TRAFF Signing Structures Path Lighting Pawment Markings XXXXX Definance Markings WETLAND MITIG. O.0 S. UTILITY RELOCA Definance Electric Vericon Other Relocations 1. SUBTOTAL MISCELLANEOUS 20 L. CONTRACTOR'S 3 L. INITIAL EXPENSI 3 L. CONSTRUCTION 10 M. TOTAL CONSTRUCTION M. TOTAL CONSTRUCTION	ATION ACTOR LIMBS (Percentage of CONTINGENC' (Percentage of UCTION COSTS LENGINEERING) (Percentage of UCTION COSTS LENGINEERING) (Percentage of UCTION COSTS LENGINEERING) (Percentage of UCTION COSTS LIMBS LI	1,385) 1 1,385) 1 1 TRACT 3 3	(Percentage 2:1 ratio = (Percentage	0.0 of 1.385)		\$7,500,00	per EA = per EA = per Ac. =	Total	\$0 \$18,595 \$0 \$11,157 \$0 \$0 \$11,157	\$11,157 \$18,595 \$11,157 \$11,157 \$11,157 \$11,157 \$11,157 \$442,563 \$88,513 \$88,513 \$13,277 \$13,277 \$13,277 \$44,256 \$601,886 \$90,283 \$90,283	\$14,50 \$14,50 \$14,50 \$14,50 \$14,50 \$14,50 \$14,50 \$14,50 \$14,50
Plantings D. MAINTENANCE C S E. PROJECT TRAFF Signing Structures Path Lighting Pawement Markings XXXXX Definance Markings XXXXXX UNILITY RELOCA Definance Electric Verizon Other Relocations I. SUBTOTAL MISCELLANEOUS CONTRACTOR'S A. CONSTRUCTION 10 M. TOTAL CONSTRUCTION 15 D. TOTAL CONSTRUCTION 15 D. TOTAL CONSTRUCTION 15 T. REIMBURSABLE D. TRAFFIC SECTION TARFFIC SECTION TARFIC SECTION TARFFIC SECTION TARFFIC SECTION TARFFIC SECTION T	ATION ACTOR LIMBS (Percentage of CONTINGENC' (Percentage of UCTION COSTS LENGINEERING) (Percentage of UCTION COSTS LENGINEERING) (Percentage of UCTION COSTS LENGINEERING) (Percentage of UCTION COSTS LIMBS LI	1,385) 1 1,385) 1 1 TRACT 3 3	(Percentage 2:1 ratio = (Percentage	0.0 of 1.385)		\$7,500,00	per EA = per EA = per Ac. =	Total	\$0 \$18,595 \$0 \$11,157 \$0 \$0 \$11,157	\$11,157 \$18,595 \$11,157 \$11,157 \$11,157 \$11,157 \$442,563 \$88,513 \$13,277 \$13,277 \$13,277 \$44,256 \$601,886 \$90,283 \$90,283 \$0,283	\$14,56 \$14,56 \$14,56 \$24,17 \$14,56 \$1
Plantings MAINTENANCE C PROJECT TRAFF Signing Structures Path Lighting Pawement Markings XXXXX WETLAND MITIG. O.0 UTILITY RELOCA Delmarva Electric Verizon Other Relocations 1. SUBTOTAL MISCELLANEOUS 20 CONTRACTOR'S 3. LINITIAL EXPENSI 10 1. TOTAL CONSTRUCTION 15 D. TOTAL CONSTRUCTION 15 D. TOTAL CONSTRUCTION 15 D. TOTAL CONSTRUCTION 17 D. TOTAL CONSTRUCTION 18 D. TOTAL CONSTRUCTION 19 D. TOTAL CONSTRUCTION 15 D. TOTAL CONSTRUCTION 15 D. TOTAL CONSTRUCTION 16 D. TOTAL CONSTRUCTION 17 D. TOTAL CONSTRUCTION 17 D. TOTAL CONSTRUCTION 18 D. TOTAL CONSTRUCTION 18 D. TOTAL CONSTRUCTION 19 D. TOTAL C	ATION ACTOR LIMBS (Percentage of CONTINGENC' (Percentage of UCTION COSTS LENGINEERING) (Percentage of UCTION COSTS LENGINEERING) (Percentage of UCTION COSTS LENGINEERING) (Percentage of UCTION COSTS LIMBS LI	1.38.5) 1 1.38.5) 1 1.38.6) 1 1.38.6) 1 1.38.6) 1 1.38.6) 1 1.38.6) 1 1.38.6) 1 1.38.6) 1 1.38.6)	(Percentage 2:1 ratio = (Percentage	0.0 of 1.385)		\$7,500,00	per EA = per EA. = per Ac. = .	Total Total Verizon =	\$0 \$18,595 \$0 \$0 \$11,157 \$0 \$0 \$0 \$11,157	\$11,157 \$18,595 \$11,157 \$11,157 \$11,157 \$11,157 \$11,157 \$442,563 \$88,513 \$13,277 \$13,277 \$13,277 \$44,256 \$601,886 \$90,283 \$90,283 \$90,283 \$90,283	\$14,56 \$1
Plantings MAINTENANCE C PROJECT TRAFF Signing Structures Path Laphting Pawement Markings XXXXX WETLAND MITIG. 0.0 LUTILITY RELOCA Delmarva Electric Vortizon Other Relocations 20 CONTRACTOR'S 3 INITIAL EXPENSI 3 CONSTRUCTION 10 TOTAL CONSTRUCTION 15 TOTAL CONSTRUCTION 15 TOTAL CONSTRUCTION 16 TOTAL CONSTRUCTION 17 TOTAL CONSTRUCTION 18 TOTAL CONSTRUCTION 19 TOTAL CONSTRUCTI	ATION ACTOR LIMBS (Percentage of CONTINGENC' (Percentage of UCTION COSTS LENGINEERING (Percentage of UCTION COSTS LIMBS LIM	0 Cluding term 1,385) 1 1,385 3 3 1 1TRACT 3 3 H) DN ENGIN! H) H) H) H) CATIONS 1 0	(Percentage 2:1 ratio = (Percentage BY OTHERS) (Percentage (Percentage	0.0 of 1.385)		\$7,500.00 \$10,000.00 \$200,000.00	per EA = per EA. = per Ac. = .	Total	\$0 \$18,595 \$0 \$0 \$11,157 \$0 \$0 \$11,157	\$11,157 \$18,595 \$11,157 \$11,157 \$11,157 \$11,157 \$442,563 \$88,513 \$13,277 \$13,277 \$13,277 \$44,256 \$601,886 \$90,283 \$90,283 \$0,283	\$14,54,54,54,54,54,54,54,54,54,54,54,54,54

Churchman's Crossing
Preliminary Cost Estimate - Christiana Mall Road A Extension - East
2 Lane roadway with sidewalks connecting Christiana Fashion Area with Airport Road

PAVEMENT PATCHING SECTION Full-depth Pavement
Length Width a. Surface: 1- 2 Superpave, Type C, 160 Gyrations, PG 64-22 (carbonate stone) (401029) Tons Width Sa Ft Superpave, Type B, 160 Gyrations, PG 64-22 (401030) Tons 3 - 5 Superpave, Bituminous Concrete Base Course, 160 Gyrations, PG 64-22 (401031) Tons c. Subbase: 4 - 8 inches of Graded Aggregate Base Course, Type B Patching (301002) CY % Contingency | 1. GRADING | See Earthwork Summary Sheet | a. Excavation | 7,200 CY @ h Borrow | 3,000 CY @ \$306,000 \$397,800 \$280,800 \$90,000 Total \$306,000 \$646.555 \$840,522 2. DRAINAGE 25 (Percentage of 1,3&5) Stormwater Management 1 \$710,522 \$100,000.00 per EA = _____ \$100,000 \$646,555 3. PAVEMENT PATCHING \$904,076 \$1,175,299 96,000 sf / 9 = 0 sf / 9 = Full Depth Paving Only (1,2,3 & 4) Mill and Overlay Only (1a) \$221,295 \$130.00 per Ton = \$100.00 per Ton = Total \$707.485 c. Subbase: (4) 96,000 SF times \$80.00 per CY = _____ 0.666667 ft /27cf/cy = 2,370 CY, Times \$189,630 \$189,630 \$246,519 4. EROSION / SEDIMENT CONTROL 6,000 LF
0 SF
0 LF
1 LS
1 LS
1 LS
1 LS
2 SY*2"=
1 LF
Each
1 LF
SF 5. MISCELLANEOUS \$976,144 \$1,268,988 a, France Levelovae a, 6° Curb & Guster (701022) b, Hoc-Mix SUP C, Guardrail d, CPM Schedule d, CPM Schedule e, Clearing (Gn050) f, Field Office g, Milling (780010) h, Fencing (XXXXXX) L Yelnclust Gast (XXXXXX) L Yelnclust Gast (XXXXXX) k, PCC Removal (211001) L Underdrain (709001) b, 4° Sidewalk \$1.00 per SY-IN = \$180.00 per LF = \$5,000.00 per Each = \$5.00 per SY = \$25.00 per SY = \$20.00 per SF = \$15.00 per SF = \$450,000 \$585,000 B. STRUCTURE CONSTRUCTION \$15,162,000 \$16,678,200 1. Bridge Over Roadway or Highway ### (LF) times 42 (width) = 42,000 SF \$361.00 per SF = 2. Old structure Removal
3. Retaining Wall (Modular Block) (607010)
0 (LF) times 5 (height) = 0 SF
(Assume 1* burled) 0 SF plus 10%= \$0 \$50.00 per SF = \$0 plus 10%= \$0 \$250.00 per SF = \$0 \$16,678,200 \$0 plus 10%= \$15,162,000 C. LANDSCAPING \$65,587 \$85,263 \$400.00 per EA = Total \$65.587 \$85,263 D. MAINTENANCE OF TRAFFIC (including temporary tie-ins) \$85,263 E. PROJECT TRAFFIC ITEMS \$65,587 \$85,263 Signing Structures
 Path Lighting
 Pavement Markings \$0 \$0 \$65,587 \$7,500.00 per EA = 3 (Percentage of 1,3&5) \$85.263 \$10,000.00 per EA = ______ 4. XXXXX \$0 \$85,263 \$65,587 F. WETLAND MITIGATION 1 2:1 ratio = 5.0 Ac., Times \$200,000.00 per Ac. = \$1,000,000 \$1,300,000 G. UTILITY RELOCATIONS IN CONTRACT \$65,587 \$85,263 Delmarva Electric
 Verizon
 Other Relocations 3 (Percentage of 1.3&5) \$65,587 Total \$65,587 H. SUBTOTAL \$19,257,122 \$21,701,859 I. MISCELLANEOUS ITEMS \$3,851,424 J. CONTRACTOR'S CONSTRUCTION ENGINEERING \$577,714 \$651,056 3 (Percentage of H) 3 (Percentage of H) L. CONSTRUCTION CONTINGENCY \$1,925,712 \$2,170,186 10 (Percentage of H) \$1,925,712 \$2,170,186 M. TOTAL CONSTRUCTION COSTS (H thru L) \$26,189,686 \$29,514,528 N. CONSTRUCTION ENGINEERING \$4,427,179 15 (Percentage of M) O. TOTAL CONSTRUCTION COSTS (M + N) \$30,118,139 \$33,941,707 P. REIMBURSABLE UTILITY RELOCATIONS BY OTHERS \$0 \$0 \$0 DP Electric+ \$0 Verizon = Q. TRAFFIC SECTION ITEMS \$85,263 Signing
 Signals \$65.587 \$85,263 \$250,000.00 per EA = ___ Total \$85,263 \$65,587 \$30,183,725 \$34,026,969 CONSTRUCTION PROJECT ESTIMATE (O thru Q) HAZARDOUS MATERIALS \$0

Churchman's Crossing Preliminary Cost Estimate - Brownleaf Road Extension

PAVEMENT PATCHING SECTION Length Width Sq Ft 2,120 32 67,840 Superpave, Type C, 160 Gyrations, PG 64-22 (carbonate stone) (401029) Tons Superpave, Type B, 160 Gyrations, PG 64-22 (401030) Tons c. Subbase: 4 - 8 inches of Graded Aggregate Base Course, Type B Patching (301002) CY % Contingency 1. GRADING

See Earthwork Summary Sheet
a. Excavation 5,025 CY @
b. Borrow 2,000 CY @
Assuming roughly 2' of fill in raised on \$210,756 \$273,982 \$195,982 \$78,000 **\$273,982** Total \$210,756 \$421,188 \$547.544 2. DRAINAGE 20 (Percentage of 1,3&5)
Stormwater Management 1 EA \$417,544 \$100,000 \$130,000 \$547,544 \$421,188 3. PAVEMENT PATCHING \$641,462 \$833,901 67,840 sf / 9 = 0 sf / 9 = Full Depth Paving Only (1,2,3 & 4) Mill and Overlay Only (1a) \$120,909 \$0 \$157,182 \$130.00 per Ton = \$100.00 per Ton = \$502,513 c. Subbase: (4) 67,840 SF times \$80.00 per CY = _____ 0.666667 ft /27cf/cy = 1,675 CY, Times \$134,005 \$134,005 \$174,206 4. EROSION / SEDIMENT CONTROL 5. MISCELLANEOUS \$753,722 \$979,839 a. "Gut & Guster (201022) b. Hot-Mar SUP (8 wide) b. Hot-Mar SUP (8 wide) c. CPN Schedule c. CPN Schedule c. Clearing (760010) h. Fencing (0XXXXX) j. Sawcutting (762000) k. PCC Removal (211001) b. PCC Removal (211001) l. Underdrain (709001) l. Underdrain (709001) h. 4" Sidewall 4,240 LF
0 SF
0 LF
1 LS
1 LS
0 LS
0 SY * 2" =
0 LF
0 Each
4,240 LF
2,709 SY
0 LF
21,200 SF m. 4" Sidewalk \$318,000 \$413,400 \$979,839 B. STRUCTURE CONSTRUCTION \$0 1. XXXXX 0 (LF) times \$84.00 per SF = Cold structure Removal
 Retaining Wall (Modular Block) (607010)
 Retaining Wall (Modular Block) (607010)
 (0 (LF) times 0 (height) = 0 SF
 (Assume 1* burled) SF plus 10%= \$0 \$50.00 per SF = \$0 plus 10%= \$0 C. LANDSCAPING \$80,297 \$104,386 \$400.00 per EA = Total \$80.297 \$104.386 D. MAINTENANCE OF TRAFFIC (including temporary tie-ins) E. PROJECT TRAFFIC ITEMS \$144,619 \$188,004 Signing Structures
 Path Lighting
 Pavement Markings \$7,500.00 per EA = (Percentage of 1,3&5) \$10,000.00 per EA = ______ 4. XXXXX \$0 \$188,004 F. WETLAND MITIGATION \$0 1 2:1 ratio = 0.0 Ac., Times \$200,000.00 per Ac. = \$0 G. UTILITY RELOCATIONS IN CONTRACT \$128,475 \$167,018 Delmarva Electric
 Verizon
 Other Relocations 8 (Percentage of 1,3&5) \$128,475 Total \$128,475 H. SUBTOTAL \$2,428,697 \$3,157,306 I. MISCELLANEOUS ITEMS \$94,719 J. CONTRACTOR'S CONSTRUCTION ENGINEERING \$72,861 3 (Percentage of H) \$72,861 3 (Percentage of H) L. CONSTRUCTION CONTINGENCY \$242,870 \$315,731 10 (Percentage of H) \$242,870 \$315,731 M. TOTAL CONSTRUCTION COSTS (H thru L) \$3,303,028 \$4,293,936 N. CONSTRUCTION ENGINEERING 15 (Percentage of M) O. TOTAL CONSTRUCTION COSTS (M + N) \$3,798,482 \$4,938,027 P. REIMBURSABLE UTILITY RELOCATIONS BY OTHERS \$0 \$0 DP Electric+ \$0 Verizon = Q. TRAFFIC SECTION ITEMS \$20,877 \$16.059 \$20.877 \$250,000.00 per EA = ___ Total \$20,877 \$16,059 \$3,814,542 \$4,958,904 CONSTRUCTION PROJECT ESTIMATE (O thru Q)

\$0

HAZARDOUS MATERIALS