## LOW VOLUME ROAD PROJECT REVIEW

Highway Name and Location	SH 96A, Milepost 25 - 46
Treatment Used	Chip seal topped 1.5" Overlay and/or Milling in surgical locations.
2014	
2015	
2016	

## LOW VOLUME ROAD PROJECT REVIEW



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41	46	2014	91	100	97	92	97	0	7	TRAN	MODERATE			
Condition after treatment Yr 3 - 2016					See	Below:								
BMP	Emp	Year	Iri	Rut	Fatg	Tran	Long	Crbk	DL	DL_ldx	Cond			
22	26	1995	79	100	93	57	88	-1	3	TRAN	LOW			
26	31	2014	83	100	100	94 0(	100	-1	9	IRI	MODERATE			
31 36	36 41	2014 2014	89 87	100 100	100 97	96 74	100 89	-1 -1	10 7	IRI TRAN	MODERATE MODERATE			
30 41	46	2014	89	100	99	88	94	-1	6	TRAN	MODERATE			
Condition after treatmen				1	Below:	-	-							
BMP	Emp	Year	Iri	Rut	Fatg	Tran	Long	Crbk	DL	DL_ldx	Cond			
22.1	26	1995	80	98	71	46	96	-1	0	TRAN	LOW			
26	31	2014	83	100	99	88	99	-1	9	IRI	MODERATE			
31	36	2014	89	100	100	93	100	-1	10	IRI	MODERATE			
36	39.1	2014 2017	89 100	100	100 100	97 100	100 100	-1 -1	10 15	IRI	MODERATE HIGH			
39.1 43	43 46	2017	91	100 98	100	94	99	-1 -1	15 7	FATG IRI	MODERATE			
		ter trea				r	Below:	.1	,		MODEINTE			
BMP	Emp	Year	Iri	Rut	Fatg	Tran	Long	Crbk	DL	DL_ldx	Cond			
22.1	26	1995	80	98	71	46	96	-1	0	TRAN	LOW			
26	31	2014	84	100	98	90	100	-1	9	IRI	MODERATE			
31	36	2014	89	100	100	89	100	-1	10	TRAN	MODERATE			
36	39.1	2014	89	100	100	95	100	-1	10	IRI	MODERATE			
39.1	43	2017	83	83	92 100	65	89	-1	4	TRAN	MODERATE			
43	46	2014	91	98	100	94	99	-1	7	IRI	MODERATE			
		11 h	Change in DL condition documented Average DL increase of ~10 years.											
Chang	9						0			3				
	Treatm	ent		ocumer Quantit			age DL Treatme (SY	nt Area	l	10 years. Jnit Cost	Cost	Calculated Cost (SY)		
	Treatm	e <b>nt</b> nalt Mat		Quantit	y Un	it	Treatme (S)	nt Area ')	l (	Jnit Cost				
Rem	Treatm n of Aspl (Planir Gr SX) (7	e <b>nt</b> nalt Mat ng) 75)(PG 64		Quantit 49,826	y Un SY	it	Treatme (S) 49,8	nt Area ′) 326	( (	Jnit Cost 2.45	\$122,073.70	\$2.45		
Rem	Treatm n of Aspl (Planir Gr SX) (7 22) (1.	e <b>nt</b> nalt Mat ng) 75)(PG 64 5")		Quantit	y Un SY	it	Treatme (S)	nt Area ′) 326	( (	Jnit Cost 2.45				
Rem	Treatm n of Aspl (Planir Gr SX) (7	ent nalt Mat ng) 75)(PG 64 5") Material	4-	Quantit 49,826	y Un SY To	it , n	Treatme (S) 49,8	nt Area /) 326 279	( () \$	Jnit       Cost       2.45       73.15     \$	\$122,073.70	\$2.45		
Rem HMA (I	Treatm n of Aspl (Planir Gr SX) (7 22) (1. er Coat I (Type	ent nalt Mat ng) 75)(PG 64 5") Material	4-	Quantit 49,826 24,938 171,88	y Un SY To	it , n	Treatme (S) 49,8 302,1 171,4	nt Area /) 226 279 881	\$ \$ \$ \$ \$	Jnit       Cost       2.45       73.15     \$       2.20	\$122,073.70 1,824,214.70 \$378,138.20	\$2.45 \$6.03 \$2.20		
Rem HMA (I Cove Emulsi	Treatm n of Aspl (Planir Gr SX) (7 22) (1. er Coat I (Type ified Asp 2P) ified Asp	ent ng) 75)(PG 6/ 5") Material II) vhalt (CR	4- S-	Quantit 49,826 24,938 171,88 <sup>2</sup> 413	y Un SY To SY To	n , n	Treatme (S) 49,8 302,3 171,4 171,4	nt Area () 326 279 881 881	\$ \$ \$ \$ \$ \$ \$	Jnit       Cost       2.45       73.15     \$       2.20       80.00	\$122,073.70 1,824,214.70 \$378,138.20 \$74,340.00	\$2.45 \$6.03 \$2.20 \$0.43		
Rem HMA (d Cove Emulsi Emulsi	Treatm n of Asph (Planin Gr SX) (7 22) (1. er Coat l (Type ified Asp 2P) ified Asp Settin	ent nalt Mat ng) 75)(PG 6/ 5") Material II) whalt (CR whalt (Slo g)	4- S- ww	Quantit 49,826 24,938 171,88 413 13,856	y Un SY To I SY To Ga	n , n ,	Treatme (S) 49,8 302,: 171,1 171,1 277,7	nt Area )) 126 279 881 881 120	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Jnit       Cost       2.45       73.15     \$       2.20     \$       80.00     \$       2.50     \$	\$122,073.70 1,824,214.70 \$378,138.20 \$74,340.00 \$34,640.00	\$2.45 \$6.03 \$2.20 \$0.43 \$0.13		
Rem HMA (I Cove Emulsi	Treatm n of Asph (Planin Gr SX) (7 22) (1. er Coat l (Type ified Asp 2P) ified Asp Settin	ent nalt Mat ng) 75)(PG 6 5") Material II) whalt (CR whalt (Slo g) Areas (	4- S- ww	Quantit 49,826 24,938 171,88 413 13,856 9 projec	y Un SY To 1 SY To Ga ct wher	n n l e dela	Treatme (S) 49,8 302,1 171,4 171,4 277, minatio	nt Area )) 126 279 881 881 120 n of the	\$ \$ \$ \$1 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Jnit       Cost       2.45       73.15       2.20       80.00       2.50       ing HMA v	\$122,073.70 1,824,214.70 \$378,138.20 \$74,340.00 \$34,640.00 was occurring	\$2.45 \$6.03 \$2.20 \$0.43 \$0.13 were treated		
Rem HMA (d Cove Emulsi Emulsi	Treatm n of Asph (Planin Gr SX) (7 22) (1. er Coat l (Type ified Asp 2P) ified Asp Settin	ent nalt Mat ng) 75)(PG 6 5") Material II) whalt (CR whalt (Slo g) Areas of with 1.	4- S- w of the	Quantit 49,826 24,938 171,88 413 13,856 e projec ill/fill.	y Un SY To I SY To Ga Ct wher Most o	it n n l e dela f the r	Treatme     (S)       49,8     302,1       302,1     171,4       171,4     277,1       mination remaind     171	nt Area )) 226 279 881 881 120 n of the er of th	\$ \$ \$ \$1 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Jnit       Cost       2.45       73.15     \$       2.20       80.00       2.50       ing HMA viject was a	\$122,073.70 1,824,214.70 \$378,138.20 \$74,340.00 \$34,640.00 was occurring a thin overlay.	\$2.45 \$6.03 \$2.20 \$0.43 \$0.13 were treated A couple of		
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Rem HMA (d Cove Emulsi Emulsi	Treatm n of Asph (Planin Gr SX) (7 22) (1. er Coat l (Type ified Asp 2P) ified Asp Settin	ent nalt Mat ng) 75)(PG 6 5") Material II) shalt (CR shalt (Slo g) Areas of with 1 areas of with 1 budget MP 39) very w treatm	4- S- of the .5" mi where MA m t wou . The rell. S eent p	Quantit 49,826 24,938 171,88 413 13,856 e projectil ill/fill. e the ro- ill/fill Id allow e projectimilar for	y Un SY To To To Ga Ct when Most o Dadway or overl w upon ct allow to the L the pro	it n n e dela f the r was no lay. A compl ed the JS 24 p jject a	Treatme (S) 49,8 302,2 171,8 171,8 277,7 mination remaind ot too ro chip se etion of e use of project, are now	nt Area ) 226 279 881 881 120 n of the er of th bugh col al was p the pay slag chi the are noticea	s s s s s e exist e proj mpare olacec ving (r ps in as sel bly ro	Jnit     Cost     2.45     73.15     73.15     2.20     80.00     2.50     ing HMA with a structure of the seal of the	\$122,073.70 1,824,214.70 \$378,138.20 \$74,340.00 \$34,640.00 was occurring a thin overlay. acent areas we much of the p was placed fro section which remain in plac an those areas	\$2.45 \$6.03 \$2.20 \$0.43 \$0.13 were treated A couple of ere not treated roject as om MP 26 to has performed ce with no HMA where no		
Rem HMA (d Cove Emulsi Emulsi	Treatm n of Asph (Planin Gr SX) (7 22) (1. er Coat l (Type ified Asp 2P) ified Asp Settin	ent nalt Mat ng) 75)(PG 6 5") Material II) shalt (CR halt (Slo g) Areas of with 1 areas of with 1 budget MP 39) very w treatm HMA w	4- S- of the .5" mi where MA m t wou . The rell. S hent p ras pla	Quantit 49,826 24,938 171,88 413 13,856 e projec ill/fill d allow projec imilar orior to aced.	y Un SY To To To Ga Ct wher Most o padway or overl w upon ct allow to the L the pro Noticea	it n n e dela f the r was no lay. A compl ed the JS 24 p ject a ble en	Treatme (S) 49,8 302,1 171,4 171,4 277, minatio remaind of too ro remaind of too ro chip se etion of e use of project, are now oough to	nt Area ) 226 279 881 881 120 n of the er of th bugh coi al was p the pay slag chi the are noticea get cor	s s s s s s s s s s s s s s s s s s s	Jnit     Cost     2.45     73.15     \$     2.20     80.00     2.50 <tr< td=""><td>\$122,073.70 1,824,214.70 \$378,138.20 \$74,340.00 \$34,640.00 Was occurring a thin overlay. Incent areas we much of the p was placed fro section which remain in place an those areas the ride in the</td><td>\$2.45 \$6.03 \$2.20 \$0.43 \$0.13 were treated A couple of ere not treated roject as om MP 26 to has performed ere with no HMA where no ose areas upon</td></tr<>	\$122,073.70 1,824,214.70 \$378,138.20 \$74,340.00 \$34,640.00 Was occurring a thin overlay. Incent areas we much of the p was placed fro section which remain in place an those areas the ride in the	\$2.45 \$6.03 \$2.20 \$0.43 \$0.13 were treated A couple of ere not treated roject as om MP 26 to has performed ere with no HMA where no ose areas upon		
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