Life Cycle Cost Analysis - General Information and Unit Price Sheet

Project Name:		
Contract Number:		
District:		
County:		
Route:		
From Location:		
To Location:		
From Station:	0	Feet
To Station:	5280	Feet
Number of Travel Lanes:	2	
Number of Directions:	1	

Economic Information

Analysis Base Year	2001	
Discount Rate	4	Percent

Unit Costs and Measures

Material/Activity	*Unit Price*	*Measure*	*Misc*	
AC Surface		Tons	146	Unit Weight
AC Intermediate		Tons	146	Unit Weight
AC Base		Tons	153	Unit Weight
JPCP		SY		
CRCP		SY		
Aggregate - 21A		Tons	152	Unit Weight
Aggregate - 21B		Tons	152	Unit Weight
Aggregate - Type I		Tons	150	Unit Weight
Cement Treated Aggregate		Tons	150	Unit Weight
Stabilized Drainage Layer		Tons	146	Unit Weight
Milling/Planing AC		SY-in		
Fracturing PCC		SY		
Patching JPCP (6' x 12')		SY		
Patching CRCP (6' x 12')		SY		
Patching AC		Tons	146	Unit Weight
Joint Cleaning and Sealing		Lin Ft		
PCC Grinding		SY		
Surface Treatment		SY		

AC Construction/Reconstruction Option

Total Travel Lanes Width =		**Feet**
Inside Shoulder Width =		**Feet**
Outside Shoulder Width =		**Feet**

Mainline Area =	**0**	**Square Feet**
Inside Shoulder Area =	**0**	**Square Feet**
Outside Shoulder Area =	**0**	**Square Feet**

Analysis Year	Calendar Year	Activity	Thick (inches)	Quantity	Unit	Unit Cost	Total	PWC
0	2001	Mainline - AC Surface		0.00	Tons	$ -	$ -	$ -
		Mainline - AC Intermediate		0.00	Tons	$ -	$ -	$ -
		Mainline - AC Base		0.00	Tons	$ -	$ -	$ -
		Mainline - CTA		0.00	Tons	$ -	$ -	$ -
		Mainline - 21A		0.00	Tons	$ -	$ -	$ -
		Mainline - 21B		0.00	Tons	$ -	$ -	$ -
		Mainline - Type 1 Aggregate		0.00	Tons	$ -	$ -	$ -
		Mainline and Shoulder - Stabilized Drainage Layer		0.00	Tons	$ -	$ -	$ -
		Shoulder - AC Surface		0.00	Tons	$ -	$ -	$ -
		Shoulder - AC Intermediate		0.00	Tons	$ -	$ -	$ -
		Shoulder - AC Base		0.00	Tons	$ -	$ -	$ -
		Shoulder - CTA		0.00	Tons	$ -	$ -	$ -
		Shoulder - 21A		0.00	Tons	$ -	$ -	$ -
		Shoulder - 21B		0.00	Tons	$ -	$ -	$ -
		Shoulder - Type 1 Aggregate		0.00	Tons	$ -	$ -	$ -
						Cost Estimate	$ -	$ -
12	2013	Mainline - Pre-Overlay Full-Depth Patching 1%	0	0.00	Tons	$ -	$ -	$ -
		Mainline - Mill	2	0.00	SY-in	$ -	$ -	$ -
		Mainline - Replace AC Wearing Course	2	0.00	Tons	$ -	$ -	$ -
		Shoulders - Surface Treatment		0.00	SY	$ -	$ -	$ -
						Cost Estimate	$ -	$ -
22	2023	Mainline - Pre-Overlay Full-Depth Patching 1%	0	0.00	Tons	$ -	$ -	$ -
		Mainline - Mill	2	0.00	SY-in	$ -	$ -	$ -
		Mainline - Replace AC Intermediate	2	0.00	Tons	$ -	$ -	$ -
		Mainline and Shoulders - Overlay AC Wearing Course	1.5	0.00	Tons	$ -	$ -	$ -
						Cost Estimate	$ -	$ -
32	2033	Mainline - Pre-Overlay Full-Depth Patching 5%	0	0.00	Tons	$ -	$ -	$ -
		Mainline - Mill All SM and IM Layers	1.5	0.00	SY-in	$ -	$ -	$ -
		Mainline - Replace AC Base		0.00	Tons	$ -	$ -	$ -
		Mainline - Replace AC Intermediate	2	0.00	Tons	$ -	$ -	$ -
		Mainline and Shoulders - Overlay AC Wearing Course	1.5	0.00	Tons	$ -	$ -	$ -
						Cost Estimate	$ -	$ -
44	2045	Mainline - Pre-Overlay Full-Depth Patching 1%	0	0.00	Tons	$ -	$ -	$ -

AC Construction/Reconstruction Option

Total Travel Lanes Width =		**Feet**
Inside Shoulder Width =		**Feet**
Outside Shoulder Width =		**Feet**

Mainline Area =	**0**	**Square Feet**
Inside Shoulder Area =	**0**	**Square Feet**
Outside Shoulder Area =	**0**	**Square Feet**

Analysis Year	Calendar Year	Activity	Thick (inches)	Quantity	Unit	Unit Cost	Total	PWC
		Mainline - Mill	2	0.00	SY-in	$ -	$ -	$ -
		Mainline - Replace AC Wearing Course	2	0.00	Tons	$ -	$ -	$ -
		Shoulders - Surface Treatment		0.00	SY	$ -	$ -	$ -
						Cost Estimate	$ -	$ -
50	2051	Salvage Value		0.40	Lump Sum	$ -	$ -	$ -
						Cost Estimate	$ -	$ -
							Initial Const.	**$ -**
							Total PW	**$ -**

PCC Overlaid with AC Overlay

Total Travel Lanes Width =		**Feet**
Inside Shoulder Width =		**Feet**
Outside Shoulder Width =		**Feet**

Mainline Area =	**0**	**Square Feet**
Inside Shoulder Area =	**0**	**Square Feet**
Outside Shoulder Area =	**0**	**Square Feet**

Existing PCC Width =		**Feet (Total Width including shoulders)**
Existing Joint Spacing =		**Feet**

Analysis Year	Calendar Year	Activity	Thick (inches)	Quantity	Unit	Unit Cost	Total	PWC
0	2001	Mainline - AC Surface		0.00	Tons	$ -	$ -	$ -
		Mainline - AC Intermediate		0.00	Tons	$ -	$ -	$ -
		Mainline - AC Base		0.00	Tons	$ -	$ -	$ -
		Mainline - CTA		0.00	Tons	$ -	$ -	$ -
		Mainline - 21A		0.00	Tons	$ -	$ -	$ -
		Mainline - 21B		0.00	Tons	$ -	$ -	$ -
		Mainline - Type 1 Aggregate		0.00	Tons	$ -	$ -	$ -
		Mainline and Shoulder - Stabilized Drainage Layer		0.00	Tons	$ -	$ -	$ -
		Shoulder - AC Surface		0.00	Tons	$ -	$ -	$ -
		Shoulder - AC Intermediate		0.00	Tons	$ -	$ -	$ -
		Shoulder - AC Base		0.00	Tons	$ -	$ -	$ -
		Shoulder - CTA		0.00	Tons	$ -	$ -	$ -
		Shoulder - 21A		0.00	Tons	$ -	$ -	$ -
		Shoulder - 21B		0.00	Tons	$ -	$ -	$ -
		Shoulder - Type 1 Aggregate		0.00	Tons	$ -	$ -	$ -
		Fracture PCC		0.00	SY	$ -	$ -	$ -
						Cost Estimate	$ -	$ -
12	2013	Mainline - Pre-Overlay Full-Depth Patching 1%	0	0.00	Tons	$ -	$ -	$ -
		Mainline - Mill	2	0.00	SY-in	$ -	$ -	$ -
		Mainline - Replace AC Wearing Course	2	0.00	Tons	$ -	$ -	$ -
		Shoulders - Surface Treatment		0.00	SY	$ -	$ -	$ -
						Cost Estimate	$ -	$ -
22	2023	Mainline - Pre-Overlay Full-Depth Patching 1%	0	0.00	Tons	$ -	$ -	$ -
		Mainline - Mill	2	0.00	SY-in	$ -	$ -	$ -
		Mainline - Replace AC Intermediate	2	0.00	Tons	$ -	$ -	$ -
		Mainline and Shoulders - Overlay AC Wearing Course	1.5	0.00	Tons	$ -	$ -	$ -
						Cost Estimate	$ -	$ -
32	2033	Mainline - Pre-Overlay Full-Depth Patching 5%	0	0.00	Tons	$ -	$ -	$ -
		Mainline - Mill All SM and IM Layers	1.5	0.00	SY-in	$ -	$ -	$ -
		Mainline - Replace AC Base		0.00	Tons	$ -	$ -	$ -
		Mainline - Replace AC Intermediate	2	0.00	Tons	$ -	$ -	$ -
		Mainline and Shoulders - Overlay AC Wearing Course	1.5	0.00	Tons	$ -	$ -	$ -

PCC Overlaid with AC Overlay

Total Travel Lanes Width =		**Feet**
Inside Shoulder Width =		**Feet**
Outside Shoulder Width =		**Feet**

Mainline Area =	**0**	**Square Feet**
Inside Shoulder Area =	**0**	**Square Feet**
Outside Shoulder Area =	**0**	**Square Feet**

Existing PCC Width =		**Feet (Total Width including shoulders)**
Existing Joint Spacing =		**Feet**

Analysis Year	Calendar Year	Activity	Thick (inches)	Quantity	Unit	Unit Cost	Total	PWC
						Cost Estimate	$ -	$ -
44	2045	Mainline - Pre-Overlay Full-Depth Patching 1%	0	0.00	Tons	$ -	$ -	$ -
		Mainline - Mill	2	0.00	SY-in	$ -	$ -	$ -
		Mainline - Replace AC Wearing Course	2	0.00	Tons	$ -	$ -	$ -
		Shoulders - Surface Treatment		0.00	SY	$ -	$ -	$ -
						Cost Estimate	$ -	$ -
50	2051	Salvage Value		0.40	Lump Sum	$ -	$ -	$ -
						Cost Estimate	$ -	$ -
							Initial Const.	**$ -**
							Total PW	**$ -**

Unbonded Jointed Plain Concrete with Tied PCC Shoulders

Total Travel Lanes Width =		**Feet**
Inside Shoulder Width =		**Feet**
Outside Shoulder Width =		**Feet**
Mainline Area =	**0**	**Square Feet**
Inside Shoulder Area =	**0**	**Square Feet**
Outside Shoulder Area =	**0**	**Square Feet**
New Joint Spacing =		**Feet**
Existing PCC Width =		**Feet**
Existing Joint Spacing =		**Feet**

Analysis Year	Calendar Year	Activity	Thick (inches) or Percentage (%)	Quantity	Unit	Unit Cost	Total	PWC
0	2001	Mainline - JPCP Overlay		0.00	SY	$ -	$ -	$ -
		Mainline - AC Bondbreaker		0.00	Tons	$ -	$ -	$ -
		Mainline - Joint Patching		#DIV/0!	SY	$ -	#DIV/0!	#DIV/0!
		Shoulder - JPCP Overlay		0.00	SY	$ -	$ -	$ -
		Shoulder - AC Bondbreaker		0.00	Tons	$ -	$ -	$ -
		Shoulder - CTA		0.00	Tons	$ -	$ -	$ -
		Shoulder - 21A		0.00	Tons	$ -	$ -	$ -
		Shoulder - 21B		0.00	Tons	$ -	$ -	$ -
		Shoulder - Type 1 Aggregate		0.00	Tons	$ -	$ -	$ -
						Cost Estimate	#DIV/0!	#DIV/0!
10	2011	Mainline - Joint Patching 3%	3	#DIV/0!	SY	$ -	#DIV/0!	#DIV/0!
		Mainline and Shoulder - Clean and Seal Joints 100%	100	#DIV/0!	Lin Ft	$ -	#DIV/0!	#DIV/0!
						Cost Estimate	#DIV/0!	#DIV/0!
20	2021	Mainline - Joint Patching 10%	10	#DIV/0!	SY	$ -	#DIV/0!	#DIV/0!
		Mainline and Shoulder - Clean and Seal Joints 100%	100	#DIV/0!	Lin Ft	$ -	#DIV/0!	#DIV/0!
		Mainline - Grinding 100%	100	0.00	SY	$ -	$ -	$ -
						Cost Estimate	#DIV/0!	#DIV/0!
30	2031	Mainline - Joint Patching 10%	10	#DIV/0!	SY	$ -	#DIV/0!	#DIV/0!
		Mainline and Shoulders - Overlay AC Base	0	0.00	Tons	$ -	$ -	$ -
		Mainline and Shoulders - Overlay AC Wearing Course	0	0.00	Tons	$ -	$ -	$ -
						Cost Estimate	#DIV/0!	#DIV/0!
40	2041	Mainline - Pre-Overlay Full-Depth Patching of AC Layers 5%	0	0.00	Tons	$ -	$ -	$ -
		Mainline - Joint Patching of Underlying PCC 5%	5	#DIV/0!	SY	$ -	#DIV/0!	#DIV/0!
		Mainline - Mill	2	0.00	SY-in	$ -	$ -	$ -
		Mainline - Replace AC Intermediate	2	0.00	Tons	$ -	$ -	$ -
		Mainline and Shoulders - Overlay AC Wearing Course	1.5	0.00	Tons	$ -	$ -	$ -
						Cost Estimate	#DIV/0!	#DIV/0!
50	2051	Salvage Value		0.00	Lump Sum	#DIV/0!	#DIV/0!	#DIV/0!
						Cost Estimate	#DIV/0!	#DIV/0!

Unbonded Jointed Plain Concrete with Tied PCC Shoulders

Total Travel Lanes Width =		Feet
Inside Shoulder Width =		Feet
Outside Shoulder Width =		Feet
Mainline Area =	0	Square Feet
Inside Shoulder Area =	0	Square Feet
Outside Shoulder Area =	0	Square Feet
New Joint Spacing =		Feet
Existing PCC Width =		Feet
Existing Joint Spacing =		Feet

Analysis Year	Calendar Year	Activity	Thick (inches) or Percentage (%)	Quantity	Unit	Unit Cost	Total	PWC
							Initial Const.	#DIV/0!
							Total PW	#DIV/0!

Unbonded Jointed Plain Concrete Overlay with Wide Lane

Total Travel Lanes Width =		**Feet**
Inside Shoulder Width =		**Feet**
Outside Shoulder Width =		**Feet**
Mainline Area =	**0**	**Square Feet**
Inside Shoulder Area =	**0**	**Square Feet**
Outside Shoulder Area =	**0**	**Square Feet**
Joint Spacing =		**Feet**
Existing PCC Width =		**Feet**
Existing Joint Spacing =		**Feet**

Analysis Year	Calendar Year	Activity	Thick (inches)	Quantity	Unit	Unit Cost	Total	PWC
0	2001	Mainline - JPCP Overlay		0.00	SY	$ -	$ -	$ -
		Mainline - AC Bondbreaker		0.00	Tons	$ -	$ -	$ -
		Mainline - Joint Patching		#DIV/0!	SY	$ -	#DIV/0!	#DIV/0!
		Shoulder - AC Surface		0.00	Tons	$ -	$ -	$ -
		Shoulder - AC Intermediate		0.00	Tons	$ -	$ -	$ -
		Shoulder - AC Base		0.00	Tons	$ -	$ -	$ -
		Shoulder - Stabilized Drainage Layer		0.00	Tons	$ -	$ -	$ -
		Shoulder - CTA		0.00	Tons	$ -	$ -	$ -
		Shoulder - 21A		0.00	Tons	$ -	$ -	$ -
		Shoulder - 21B		0.00	Tons	$ -	$ -	$ -
		Shoulder - Type 1 Aggregate		0.00	Tons	$ -	$ -	$ -
						Cost Estimate	#DIV/0!	#DIV/0!
10	2011	Mainline - Joint Patching 3%	3	#DIV/0!	SY	$ -	#DIV/0!	#DIV/0!
		Mainline and Shoulder - Clean and Seal Joints 100%	100	#DIV/0!	Lin Ft	$ -	#DIV/0!	#DIV/0!
		Shoulders - Surface Treatment		0.00	SY	$ -	$ -	$ -
						Cost Estimate	#DIV/0!	#DIV/0!
20	2021	Mainline - Joint Patching 10%	10	#DIV/0!	SY	$ -	#DIV/0!	#DIV/0!
		Mainline - Clean and Seal Joints 100%	100	#DIV/0!	Lin Ft	$ -	#DIV/0!	#DIV/0!
		Mainline - Grinding 100%	100	0.00	SY	$ -	$ -	$ -
		Shoulders - Surface Treatment		0.00	SY	$ -	$ -	$ -
						Cost Estimate	#DIV/0!	#DIV/0!
30	2031	Mainline - Joint Patching 10%	10	#DIV/0!	SY	$ -	#DIV/0!	#DIV/0!
		Mainline and Shoulders - Overlay AC Base	0	0.00	Tons	$ -	$ -	$ -
		Mainline and Shoulders - Overlay AC Wearing Course	0	0.00	Tons	$ -	$ -	$ -
						Cost Estimate	#DIV/0!	#DIV/0!
40	2041	Mainline - Pre-Overlay Full-Depth Patching of AC Layers 5%	0	#DIV/0!	Tons	$ -	#DIV/0!	#DIV/0!
		Mainline - Joint Patching of Underlying PCC 5%	5	#DIV/0!	SY	$ -	#DIV/0!	#DIV/0!
		Mainline - Mill	2	0.00	SY-in	$ -	$ -	$ -
		Mainline - Replace AC Intermediate	2	0.00	Tons	$ -	$ -	$ -
		Mainline and Shoulders - Overlay AC Wearing Course	1.5	0.00	Tons	$ -	$ -	$ -

Unbonded Jointed Plain Concrete Overlay with Wide Lane

Total Travel Lanes Width =		**Feet**
Inside Shoulder Width =		**Feet**
Outside Shoulder Width =		**Feet**
Mainline Area =	**0**	**Square Feet**
Inside Shoulder Area =	**0**	**Square Feet**
Outside Shoulder Area =	**0**	**Square Feet**
Joint Spacing =		**Feet**
Existing PCC Width =		**Feet**
Existing Joint Spacing =		**Feet**

Analysis Year	Calendar Year	Activity	Thick (inches)	Quantity	Unit	Unit Cost	Total	PWC
						Cost Estimate	#DIV/0!	#DIV/0!
50	2051	Salvage Value		0.00	Lump Sum	#DIV/0!	#DIV/0!	#DIV/0!
						Cost Estimate	#DIV/0!	#DIV/0!
							Initial Const.	**#DIV/0!**
							Total PW	**#DIV/0!**

JPCP Construction with Tied PCC Shoulders

Total Travel Lanes Width =		**Feet**
Inside Shoulder Width =		**Feet**
Outside Shoulder Width =		**Feet**
Mainline Area =	**0**	**Square Feet**
Inside Shoulder Area =	**0**	**Square Feet**
Outside Shoulder Area =	**0**	**Square Feet**
Joint Spacing =		**Feet**

Analysis Year	Calendar Year	Activity	Thick (inches)	Quantity	Unit	Unit Cost	Total	PWC
0	2001	Mainline - JPCP		0.00	SY	$ -	$ -	$ -
		Mainline - CTA		0.00	Tons	$ -	$ -	$ -
		Mainline - 21A		0.00	Tons	$ -	$ -	$ -
		Mainline - 21B		0.00	Tons	$ -	$ -	$ -
		Mainline - Type 1 Aggregate		0.00	Tons	$ -	$ -	$ -
		Shoulder - JPCP		0.00	SY	$ -	$ -	$ -
		Shoulder - CTA		0.00	Tons	$ -	$ -	$ -
		Shoulder - 21A		0.00	Tons	$ -	$ -	$ -
		Shoulder - 21B		0.00	Tons	$ -	$ -	$ -
		Shoulder - Type 1 Aggregate		0.00	Tons	$ -	$ -	$ -
		Mainline and Shoulder - Stabilized Drainage Layer		0.00	Tons	$ -	$ -	$ -
						Cost Estimate	$ -	$ -
10	2011	Mainline - Joint Patching 3%	3	#DIV/0!	SY	$ -	#DIV/0!	#DIV/0!
		Mainline and Shoulder - Clean and Seal Joints 100%	100	#DIV/0!	Lin Ft	$ -	#DIV/0!	#DIV/0!
						Cost Estimate	#DIV/0!	#DIV/0!
20	2021	Mainline - Joint Patching 10%	10	#DIV/0!	SY	$ -	#DIV/0!	#DIV/0!
		Mainline and Shoulder - Clean and Seal Joints 100%	100	#DIV/0!	Lin Ft	$ -	#DIV/0!	#DIV/0!
		Mainline - Grinding 100%	100	0.00	SY	$ -	$ -	$ -
						Cost Estimate	#DIV/0!	#DIV/0!
30	2031	Mainline - Joint Patching 10%	10	#DIV/0!	SY	$ -	#DIV/0!	#DIV/0!
		Mainline and Shoulders - Overlay AC Base	0	0.00	Tons	$ -	$ -	$ -
		Mainline and Shoulders - Overlay AC Wearing Course	0	0.00	Tons	$ -	$ -	$ -
						Cost Estimate	#DIV/0!	#DIV/0!
40	2041	Mainline - Pre-Overlay Full-Depth Patching of AC Layers 5%	0	0.00	Tons	$ -	$ -	$ -
		Mainline - Joint Patching of Underlying PCC 5%	5	#DIV/0!	SY	$ -	#DIV/0!	#DIV/0!
		Mainline - Mill	2	0.00	SY-in	$ -	$ -	$ -
		Mainline - Replace AC Intermediate	2	0.00	Tons	$ -	$ -	$ -
		Mainline and Shoulders - Overlay AC Wearing Course	1.5	0.00	Tons	$ -	$ -	$ -
						Cost Estimate	#DIV/0!	#DIV/0!
50	2051	Salvage Value		0.00	Lump Sum	#DIV/0!	#DIV/0!	#DIV/0!
						Cost Estimate	#DIV/0!	#DIV/0!

JPCP Construction with Tied PCC Shoulders

Total Travel Lanes Width =		Feet
Inside Shoulder Width =		Feet
Outside Shoulder Width =		Feet

Mainline Area =	0	Square Feet
Inside Shoulder Area =	0	Square Feet
Outside Shoulder Area =	0	Square Feet

Joint Spacing =		Feet

Analysis Year	Calendar Year	Activity	Thick (inches)	Quantity	Unit	Unit Cost	Total	PWC
							Initial Const.	$ -
							Total PW	#DIV/0!

JPCP Construction with Wide Lanes

Total Travel Lanes Width =		**Feet**
Inside Shoulder Width =		**Feet**
Outside Shoulder Width =		**Feet**
Mainline Area =	**0**	**Square Feet**
Inside Shoulder Area =	**0**	**Square Feet**
Outside Shoulder Area =	**0**	**Square Feet**
Joint Spacing =		**Feet**

Analysis Year	Calendar Year	Activity	Thick (inches)	Quantity	Unit	Unit Cost	Total	PWC
0	2001	Mainline - JPCP		0.00	SY	$ -	$ -	$ -
		Mainline - Stablized Drainage Layer		0.00	Tons	$ -	$ -	$ -
		Mainline - CTA		0.00	Tons	$ -	$ -	$ -
		Mainline - 21A		0.00	Tons	$ -	$ -	$ -
		Mainline - 21B		0.00	Tons	$ -	$ -	$ -
		Mainline - Type 1 Aggregate		0.00	Tons	$ -	$ -	$ -
		Shoulder - AC Surface		0.00	Tons	$ -	$ -	$ -
		Shoulder - AC Intermediate		0.00	Tons	$ -	$ -	$ -
		Shoulder - AC Base		0.00	Tons	$ -	$ -	$ -
		Shoulder - Stabilized Drainage Layer		0.00	Tons	$ -	$ -	$ -
		Shoulder - CTA		0.00	Tons	$ -	$ -	$ -
		Shoulder - 21A		0.00	Tons	$ -	$ -	$ -
		Shoulder - 21B		0.00	Tons	$ -	$ -	$ -
		Shoulder - Type 1 Aggregate		0.00	Tons	$ -	$ -	$ -
						Cost Estimate	$ -	$ -
10	2011	Mainline - Joint Patching 3%	3	#DIV/0!	SY	$ -	#DIV/0!	#DIV/0!
		Mainline and Shoulder - Clean and Seal Joints 100%	100	#DIV/0!	Lin Ft	$ -	#DIV/0!	#DIV/0!
		Shoulders - Surface Treatment		0.00	SY	$ -	$ -	$ -
						Cost Estimate	#DIV/0!	#DIV/0!
20	2021	Mainline - Joint Patching 10%	10	#DIV/0!	SY	$ -	#DIV/0!	#DIV/0!
		Mainline - Clean and Seal Joints 100%	100	#DIV/0!	Lin Ft	$ -	#DIV/0!	#DIV/0!
		Mainline - Grinding 100%	100	0.00	SY	$ -	$ -	$ -
		Shoulders - Surface Treatment		0.00	SY	$ -	$ -	$ -
						Cost Estimate	#DIV/0!	#DIV/0!
30	2031	Mainline - Joint Patching 10%	10	#DIV/0!	SY	$ -	#DIV/0!	#DIV/0!
		Mainline and Shoulders - Overlay AC Base	0	0.00	Tons	$ -	$ -	$ -
		Mainline and Shoulders - Overlay AC Wearing Course	0	0.00	Tons	$ -	$ -	$ -
						Cost Estimate	#DIV/0!	#DIV/0!
40	2041	Mainline - Pre-Overlay Full-Depth Patching of AC Layers 5%	0	#DIV/0!	Tons	$ -	#DIV/0!	#DIV/0!
		Mainline - Joint Patching of Underlying PCC 5%	5	#DIV/0!	SY	$ -	#DIV/0!	#DIV/0!
		Mainline - Mill	2	0.00	SY-in	$ -	$ -	$ -
		Mainline - Replace AC Intermediate	2	0.00	Tons	$ -	$ -	$ -
		Mainline and Shoulders - Overlay AC Wearing Course	1.5	0.00	Tons	$ -	$ -	$ -

JPCP Construction with Wide Lanes

Total Travel Lanes Width =		**Feet**
Inside Shoulder Width =		**Feet**
Outside Shoulder Width =		**Feet**
Mainline Area =	**0**	**Square Feet**
Inside Shoulder Area =	**0**	**Square Feet**
Outside Shoulder Area =	**0**	**Square Feet**
Joint Spacing =		**Feet**

Analysis Year	Calendar Year	Activity	Thick (inches)	Quantity	Unit	Unit Cost	Total	PWC
						Cost Estimate	#DIV/0!	#DIV/0!
50	2051	Salvage Value		0.00	Lump Sum	#DIV/0!	#DIV/0!	#DIV/0!
						Cost Estimate	#DIV/0!	#DIV/0!

Initial Const.	**$**	**-**
Total PW		**#DIV/0!**

CRCP Construction with Tied PCC Shoulders

Total Travel Lanes Width =		**Feet**
Inside Shoulder Width =		**Feet**
Outside Shoulder Width =		**Feet**

Mainline Area =	**0**	**Square Feet**
Inside Shoulder Area =	**0**	**Square Feet**
Outside Shoulder Area =	**0**	**Square Feet**

Analysis Year	Calendar Year	Activity	Thick (inches)	Quantity	Unit	Unit Cost	Total	PWC
0	2001	Mainline - CRCP		0.00	SY	$ -	$ -	$ -
		Mainline and Shoulders - Stablized Drainage Layer		0.00	Tons	$ -	$ -	$ -
		Mainline - CTA		0.00	Tons	$ -	$ -	$ -
		Mainline - 21A		0.00	Tons	$ -	$ -	$ -
		Mainline - 21B		0.00	Tons	$ -	$ -	$ -
		Mainline - Type 1 Aggregate		0.00	Tons	$ -	$ -	$ -
		Shoulder - CRCP		0.00	SY	$ -	$ -	$ -
		Shoulder - CTA		0.00	Tons	$ -	$ -	$ -
		Shoulder - 21A		0.00	Tons	$ -	$ -	$ -
		Shoulder - 21B		0.00	Tons	$ -	$ -	$ -
		Shoulder - Type 1 Aggregate		0.00	Tons	$ -	$ -	$ -
						Cost Estimate	$ -	$ -
10	2011	Mainline - Crack/Punchout Repair 2%	2	0.00	SY	$ -	$ -	$ -
		Mainline and Shoulders - Clean and Seal Longitudinal Joints	100	15,840.00	Lin Ft	$ -	$ -	$ -
						Cost Estimate	$ -	$ -
20	2021	Mainline - Crack/Punchout Repair 5%	5	0.00	SY	$ -	$ -	$ -
		Mainline and Shoulders - Overlay AC Intermediate	2	0.00	Tons	$ -	$ -	$ -
		Mainline and Shoulders - Overlay AC Wearing Course	1.5	0.00	Tons	$ -	$ -	$ -
						Cost Estimate	$ -	$ -
30	2031	Mainline - Crack/Punchout Repair 5%	5	0.00	SY	$ -	$ -	$ -
		Mainline - Pre-Overlay Full-Depth Patching of AC Layers 5%	3.5	0.00	Tons	$ -	$ -	$ -
		Mainline - Mill	2	0.00	SY-in	$ -	$ -	$ -
		Mainline - Replace AC Wearing Course	2	0.00	Tons	$ -	$ -	$ -
		Shoulders - Surface Treatment		0.00	SY	$ -	$ -	$ -
						Cost Estimate	$ -	$ -
40	2041	Mainline - Crack/Punchout Repair 10%	10	0.00	SY	$ -	$ -	$ -
		Mainline - Mill	3.5	0.00	SY-in	$ -	$ -	$ -
		Mainline - Replace AC Intermediate Course	2	0.00	Tons	$ -	$ -	$ -
		Mainline - Replace AC Wearing Course	1.5	0.00	Tons	$ -	$ -	$ -
		Shoulders - Surface Treatment		0.00	SY	$ -	$ -	$ -
						Cost Estimate	$ -	$ -
40	2041	Salvage Value		0.00	Lump Sum	$ -	$ -	$ -
						Cost Estimate	$ -	$ -

CRCP Construction with Tied PCC Shoulders

Total Travel Lanes Width =		**Feet**
Inside Shoulder Width =		**Feet**
Outside Shoulder Width =		**Feet**

Mainline Area =	**0**	**Square Feet**
Inside Shoulder Area =	**0**	**Square Feet**
Outside Shoulder Area =	**0**	**Square Feet**

Analysis Year	Calendar Year	Activity	Thick (inches)	Quantity	Unit	Unit Cost	Total		PWC
							Initial Const.	**$**	**-**
							Total PW	**$**	**-**

CRCP Construction with Wide Lane and AC Shoulders

Total Travel Lanes Width =		**Feet**
Inside Shoulder Width =		**Feet**
Outside Shoulder Width =		**Feet**

Mainline Area =	**0**	**Square Feet**
Inside Shoulder Area =	**0**	**Square Feet**
Outside Shoulder Area =	**0**	**Square Feet**

Analysis Year	Calendar Year	Activity	Thick (inches)	Quantity	Unit	Unit Cost	Total	PWC
0	2001	Mainline - CRCP		0.00	SY	$ -	$ -	$ -
		Mainline - Stabilized Drainage Layer		0.00	Tons	$ -	$ -	$ -
		Mainline - CTA		0.00	Tons	$ -	$ -	$ -
		Mainline - 21A		0.00	Tons	$ -	$ -	$ -
		Mainline - 21B		0.00	Tons	$ -	$ -	$ -
		Mainline - Type 1 Aggregate		0.00	Tons	$ -	$ -	$ -
		Shoulder - AC Surface		0.00	Tons	$ -	$ -	$ -
		Shoulder - AC Intermediate		0.00	Tons	$ -	$ -	$ -
		Shoulder - AC Base		0.00	Tons	$ -	$ -	$ -
		Shoulder - Stabilized Drainage Layer		0.00	Tons	$ -	$ -	$ -
		Shoulder - CTA		0.00	Tons	$ -	$ -	$ -
		Shoulder - 21A		0.00	Tons	$ -	$ -	$ -
		Shoulder - 21B		0.00	Tons	$ -	$ -	$ -
		Shoulder - Type 1 Aggregate		0.00	Tons	$ -	$ -	$ -
						Cost Estimate	$ -	$ -
10	2011	Mainline - Crack/Punchout Repair 2%	2	0.00	SY	$ -	$ -	$ -
		Mainline and Shoulders - Clean and Seal Longitudinal Joints	100	15,840.00	Lin Ft	$ -	$ -	$ -
		Shoulders - Surface Treatment		0.00	SY	$ -	$ -	$ -
						Cost Estimate	$ -	$ -
20	2021	Mainline - Crack/Punchout Repair 5%	5	0.00	SY	$ -	$ -	$ -
		Mainline and Shoulders - Overlay AC Intermediate	2	0.00	Tons	$ -	$ -	$ -
		Mainline and Shoulders - Overlay AC Wearing Course	1.5	0.00	Tons	$ -	$ -	$ -
						Cost Estimate	$ -	$ -
30	2031	Mainline - Crack/Punchout Repair 5%	5	0.00	SY	$ -	$ -	$ -
		Mainline - Pre-Overlay Full-Depth Patching of AC Layers 5%	5	0.00	Tons	$ -	$ -	$ -
		Mainline - Mill	2	0.00	SY-in	$ -	$ -	$ -
		Mainline - Replace AC Wearing Course	2	0.00	Tons	$ -	$ -	$ -
		Shoulders - Surface Treatment		0.00	SY	$ -	$ -	$ -
						Cost Estimate	$ -	$ -
40	2041	Mainline - Crack/Punchout Repair 10%	10	0.00	SY	$ -	$ -	$ -
		Mainline - Mill	3.5	0.00	SY-in	$ -	$ -	$ -
		Mainline - Replace AC Intermediate Course	2	0.00	Tons	$ -	$ -	$ -
		Mainline - Replace AC Wearing Course	1.5	0.00	Tons	$ -	$ -	$ -
		Shoulders - Surface Treatment		0.00	SY	$ -	$ -	$ -

CRCP Construction with Wide Lane and AC Shoulders

Total Travel Lanes Width =		**Feet**
Inside Shoulder Width =		**Feet**
Outside Shoulder Width =		**Feet**

Mainline Area =	**0**	**Square Feet**
Inside Shoulder Area =	**0**	**Square Feet**
Outside Shoulder Area =	**0**	**Square Feet**

Analysis Year	Calendar Year	Activity	Thick (inches)	Quantity	Unit	Unit Cost	Total	PWC
						Cost Estimate	$ -	$ -
50	2051	Salvage Value		1.00	Lump Sum	$ -	$ -	$ -
						Cost Estimate	$ -	$ -
							Initial Const.	**$ -**
							Total PW	**$ -**

Summary Data

Project Name:	0
Contract Number:	0
District:	0
County:	0
Route:	0
From Location:	0
To Location:	0
From Station:	0
To Station:	5280
Number of Travel Lanes:	2
Number of Directions:	1

LCCA Pavement Option	Initial Construction Cost	Present Worth Cost - LCCA	% Diff
AC Construction	$ -	$ -	#DIV/0!
Fracture PCC w/AC Overlay	$ -	$ -	#DIV/0!
Unbonded JPCP with Tied Shoulders	#DIV/0!	#DIV/0!	#DIV/0!
Unbonded JPCP with Wide Lanes	#DIV/0!	#DIV/0!	#DIV/0!
JPCP with Tied Shoulders	$ -	#DIV/0!	#DIV/0!
JPCP with Wide Lane	$ -	#DIV/0!	#DIV/0!
CRCP with Tied Shoulders	$ -	$ -	#DIV/0!
CRCP with Wide Lane	$ -	$ -	#DIV/0!

% Difference - defined as 1 minus the Lowest Option's Present Worth Cost divided by the Option's Present Worth Cost