

## APPENDIX B: CITY OF CLARKSTON CAPITAL IMPROVEMENT PLAN

Capital Improvement Plan (Roadway Reconstruction Projects) - Priority List

Overall Priority	Sub-priority	PSC	Project & Description	Estimated Cost	Potential Funding Sources	Related Projects
C1			<b>Highland Avenue (Reconstruct)</b>	\$ 200,100	Local, TBD, STP, SRS, TIB	O8, O11, S3
	1.0	53	From SR129 to 3rd Street			
C2			<b>13th Street (Reconstruct)</b>	\$ 460,800	Local, TBD, STP, TIB	O3, O13, P1, P9, BMP#71
	2.0	56	From Fair Street to Port Drive	\$ 244,300		
	2.1	56	From Port Drive to Port Way	\$ 216,600		
<b>Reconstruction Projects Total</b>				<b>\$660,900</b>		

Thick Overlay Option

Overall Priority	Sub-priority	PSC	Project & Description	Estimated Cost	Potential Funding Sources	Related Projects
C2 OPT 2			<b>13th Street (Thick Overlay)</b>	\$ 160,000	Local, TBD, STP, TIB	O3, O13, P1, P9, BMP#71
	2.0	56	From Fair Street to Port Dr			
<b>Thick Overlay Projects Total</b>				<b>\$160,000</b>		

Note: Recommended treatments (shown in project parentheses) are based on the average pavement analysis software system's judgment from documented pavement distresses. Other treatments can be used to repair these roadways depending on budget and preference. \*(EX = Many Thin Overlays can be supplemented with Chip Seals if handled in a timely manner; costs for both options are included in the Attachments if applicable)

**Funding Key**

Local - Includes: Local Fuel Tax, County Fuel Tax, Impact Fees, Property Taxes, Local Improvement District

TBD - Transportation Benefit District (form of local funding)

FLAP - Federal Lands Access Program

PBS - Pedestrian and Bicycle Safety

SRS - Safe Routes to Schools

LBP - Local Bridge Program

HSIP - Highway Safety Improvement Program

TAP - Transportation Alternatives Program

STP - Surface Transportation Program

LWCF - Land and Water Conservation Fund

CLP - Public Works Board, Construction Loan Program

CERB - Community Economic Revitalization Board

TIB - Transportation Improvement Board. Includes: Small City Sidewalk Program (SCSP), Small City Arterial Program (SCAP), Small City Preservation Program (SCPP), Relight Washington Program, Complete Streets Program

Other Abbreviations: BMP - LVCMPO Bicycle Master Plan

Note: Each project should be evaluated for potential ADA ramps (triggered by overlay and reconstruction projects), which would add to the listed costs if required. Also, if it is beneficial to include drainage (stormwater) improvements, it is estimated that these improvements would add approximately \$60,000 per city block (based on previous projects, estimates, and typical stormwater devices used in the past) to costs listed in this CIP.

Capital Improvement Plan (Roadway Overlay Projects) - Priority List

Overall Priority	Sub-priority	PSC	Project & Description	Estimated Cost	Potential Funding Sources	Related Projects
O1			<b>14th Street (Thin Overlay 1-2")</b>	<b>\$ 219,300</b>	Local, TBD, TIB	P1, P9
	1.0	63	From Fair Street to End			
O2			<b>McCarrol Street (Thin Overlay 1-2")</b>	<b>\$ 125,100</b>	Local, TBD, TIB	O7, O21, PED8
	2.0	65	From Highland Ave to Libby St	\$ 62,600		
	2.1	65	From Libby St to Chestnut St	\$ 62,600		
O3			<b>Commerical Way (Thin Overlay 1-2")</b>	<b>\$ 28,400</b>	Local, TBD, TIB	C2
	3.0	65	From 13th to End			
O4			<b>University Street (Thin Overlay 1-2")</b>	<b>\$ 102,300</b>	Local, TBD, TIB	O21
	4.0	65	From Libby St to Chestnut St			
O5			<b>Park Street (Thin Overlay 1-2")</b>	<b>\$ 11,000</b>	Local, TBD, TIB	O15, S3, S4
	5.0	66	From 7th to SR129			
O6			<b>Billups Street (Thin Overlay 1-2")</b>	<b>\$ 62,600</b>	Local, TBD, STP, TIB	O21
	6.0	68	From Highland to Libby			
O7			<b>College Court (Thin Overlay 1-2")</b>	<b>\$ 28,000</b>	Local, TBD, TIB	O2
	7.0	69	McCarrol Street to University Street			
O8			<b>6th Street (Thin Overlay 1-2")</b>	<b>\$ 119,800</b>	Local, TBD, TIB	C1
	8.0	75	From SR129 to Highland Ave	\$ 36,000		
	8.1	79	From Highland to SR129	\$ 45,000		
	8.2	59	From Bridge (US12) to Fair St	\$ 39,000		
O9			<b>Belmont Way (Thin Overlay 1-2")</b>	<b>\$ 38,000</b>	Local, TBD, STP, TIB	
	9.0	71	From 13th St to Highland Ave			
O10			<b>Granite Lake Drive (Thin Overlay 1-2")</b>	<b>\$ 31,400</b>	Local, TBD, TIB	O20, P1, I4, S2
	10.0	71	From 5th St to End			
O11			<b>Oak Street (Thin Overlay 1-2")</b>	<b>\$ 38,000</b>	Local, TBD, TIB	O17, O20, O26, S2
	11.0	74	From 6th St to 5th St	\$ 11,900		
	11.1	72	From 5th St to 4th St	\$ 14,300		
	11.2	70	From 4th to 3rd	\$ 11,900		
O12			<b>10th Street (Thin Overlay 1-2")</b>	<b>\$ 391,400</b>	Local, TBD, TIB	O21, P2, P4, P5, P6, P8, P9, PED5, PED13
	12.0	82	From 8th to 9th	\$ 22,500		
	12.1	74	From 9th to Highland	\$ 57,400		
	12.2	58	From Highland to Libby	\$ 62,400		
	12.3	68	From Libby St to Chestnut St	\$ 62,400		
	12.4	68	From Chestnut to Sycamore	\$ 32,500		
	12.5	67	From Sycamore to Elm	\$ 30,000		
	12.6	77	From Elm to Maple	\$ 30,000		
	12.7	73	From Maple to Poplar	\$ 32,500		
	12.8	76	From Poplar to Bridge	\$ 30,000		
12.9	78	From Bridge to Fair	\$ 32,500			
O13			<b>Port Way (Thin Overlay 1-2")</b>	<b>\$ 219,200</b>	Local, TBD, TIB	C2, P1, BMP#71
	13.0	60	From 13th to 9th	\$ 162,600		
	13.1	84	From 9th to End	\$ 56,700		

Overall Priority	Sub-priority	PSC	Project & Description	Estimated Cost	Potential Funding Sources	Potential Funding Sources
O14			<b>Adams Street (Thin Overlay 1-2")</b>	<b>\$ 62,600</b>	Local, TBD, TIB	O16, O17, O20
	14.0	75	From SR129 to 5th St	\$ 15,100		
	14.1	69	From 5th St to 4th St	\$ 12,600		
	14.2	77	From 4th St to 3rd St	\$ 35,100		
O15			<b>7th Street (Thin Overlay 1-2")</b>	<b>\$ 363,900</b>	Local, TBD, TIB	O5, O21, P2, P3, P4, P5, P6, P8, P9, PED5, PED11, PED13, S4, BMP#73
	15.0	77	From 16th Ave to Highland Ave	\$ 69,100		
	15.1	82	From Highland to Libby St	\$ 57,600		
	15.2	72	From Libby to Chestnut	\$ 57,600		
	15.3	62	From Chestnut to Sycamore	\$ 30,000		
	15.4	76	From Sycamore to Elm	\$ 30,000		
	15.5	75	From Elm to Maple	\$ 30,000		
	15.6	74	From Maple to Poplar	\$ 30,000		
	15.7	61	From Poplar to Bridge	\$ 30,000		
	15.8	95	From Bridge to Fair	\$ 30,000		
O16			<b>2nd Street (Thin Overlay 1-2")</b>	<b>\$ 244,700</b>	Local, TBD, STP, TIB	O14, O26, P2, P4, P5, P8, P9, I2, S1, S6, BMP#72
	16.0	76	From 3rd to Adams	\$ 52,500		
	16.1	65	From Adams to Chestnut	\$ 35,000		
	16.2	70	From Chestnut to Sycamore	\$ 30,000		
	16.3	79	From Sycamore to Elm	\$ 32,500		
	16.4	82	From Elm to Maple	\$ 30,000		
	16.5	76	From Maple to Poplar	\$ 32,500		
	16.6	79	From Poplar to Bridge	\$ 32,500		
O17			<b>4th Street (Thin Overlay 1-2")</b>	<b>\$ 247,200</b>	Local, TBD, TIB	C1, O11, O14, O21, P2, P4, P5, P6, P8, P9, BMP#75
	17.0	70	From Highland to Oak	\$ 30,000		
	17.1	70	From Oak to Libby	\$ 32,500		
	17.2	48	From Libby to Adams	\$ 27,500		
	17.3	85	From Chestnut to Sycamore	\$ 30,000		
	17.4	85	From Sycamore to Elm	\$ 32,500		
	17.5	83	From Elm to Maple	\$ 32,500		
	17.6	79	From Maple to Poplar	\$ 30,000		
	17.7	75	From Poplar to Bridge	\$ 32,500		
O18			<b>Ash Street (Thin Overlay 1-2")</b>	<b>\$ 47,300</b>	Local, TBD, TIB	PED3
	18.0	76	From 13th to End			
O19			<b>11th Street (Thin Overlay 1-2")</b>	<b>\$ 311,700</b>	Local, TBD, TIB	O21, P2, P4, P5, P6, P8, P9
	19.0	72	From Highland to Libby	\$ 62,400		
	19.1	87	From Libby to Chestnut	\$ 62,400		
	19.2	78	From Chestnut to Sycamore	\$ 32,500		
	19.3	75	From Sycamore to Elm	\$ 30,000		
	19.4	69	From Elm to Maple	\$ 32,500		
	19.5	71	From Maple to Poplar	\$ 30,000		
	19.6	80	From Poplar to Bridge	\$ 32,500		
	19.7	87	From Bridge to Fair	\$ 30,000		

Overall Priority	Sub-priority	PSC	Project & Description	Estimated Cost	Potential Funding Sources	Potential Funding Sources
O20			<b>5th Street (Thin Overlay 1-2")</b>	<b>\$ 405,400</b>	Local, TBD, STP, TIB	C1, O11, O14, O21, P2, P4, P5, P6, P8, P9, BMP#71
	20.0	73	From SR129 to Oak	\$ 32,700		
	20.1	74	From Oak to Libby	\$ 39,300		
	20.2	81	From Libby to Adams	\$ 39,300		
	20.3	82	From Chestnut to Sycamore	\$ 39,300		
	20.4	84	From Sycamore to Elm	\$ 42,600		
	20.5	84	From Elm to Maple	\$ 47,600		
	20.6	71	From Maple to Poplar	\$ 42,600		
	20.7	73	From Poplar to Bridge	\$ 42,600		
	20.8	74	From Bridge to Fair	\$ 39,300		
	20.9	73	From Fair to Granite Lake Dr.	\$ 49,100		
O21	21.0		<b>Libby Street (Thin Overlay 1-2")</b>	<b>\$ 169,100</b>	Local, TBD, STP, TIB	O2, O6, O12, O15, O17, O19, O20, O22, O23, O24, O26, S6, BMP#75
	21.1	69	From McCarrol to Billups	\$ 22,600		
	21.2	69	From Billups to 12th	\$ 33,900		
	21.3	68	From 12th to 11th	\$ 22,600		
	21.4	74	From 11th to 10th	\$ 26,400		
	21.5	75	From 10th to 9th	\$ 22,600		
	21.6	77	From 8th to 7th	\$ 22,600		
	21.7	54	From 4th to 3rd	\$ 18,800		
O22			<b>9th Street (Thin Overlay 1-2")</b>	<b>\$ 398,700</b>	Local, TBD, STP, TIB	O21, P2, P4, P5, P6, P8, P9, PED5, PED13, BMP#78
	22.0	77	From 16th St to Port			
O23			<b>8th Street (Thin Overlay 1-2")</b>	<b>\$ 381,600</b>	Local, TBD, TIB	
	23.0	78	From 16th St to Highland Ave	\$ 62,400		
	23.1	81	From Highland Ave to Libby St	\$ 62,400		
	23.2	71	From Libby St to Chestnut St	\$ 62,400		
	23.3	79	From Chestnut to Sycamore	\$ 32,500		
	23.4	68	From Sycamore to Elm	\$ 32,500		
	23.5	86	From Elm to Maple	\$ 32,500		
	23.6	82	From Maple to Poplar	\$ 32,500		
	23.7	75	From Poplar to Bridge	\$ 32,500		
	23.8	87	From Bridge to Fair	\$ 32,500		
O24			<b>12th Street (Thin Overlay 1-2")</b>	<b>\$ 492,700</b>	Local, TBD, STP, TIB	O21, P2, P4, P5, P6, P8, P9
	24.0	73	From Chestnut to Sycamore	\$ 85,500		
	24.1	75	From Sycamore to Elm	\$ 78,900		
	24.2	74	From Elm to Maple	\$ 85,500		
	24.3	77	From Maple to Poplar	\$ 78,900		
	24.4	77	From Poplar to Bridge	\$ 85,500		
	24.5	67	From Bridge to Fair	\$ 78,900		
O25			<b>Riverview Blvd (Thin Overlay 1-2")</b>	<b>\$ 232,900</b>	Local, TBD, TIB	P2, P4, P5, P6, P8, I2, BMP#76
	25.0	80	From Chestnut to Bridge			
O26			<b>3rd Street (Thin Overlay 1-2")</b>	<b>\$ 162,500</b>	Local, TBD, TIB	C1, O11, O14, O21, P2, P4, P5, P6, P8, P9
	26.0	80	From Highland to Fair St			
<b>Overlay Projects Total</b>					<b>\$4,934,800</b>	

Note: Recommended treatments (shown in project parentheses) are based on the average pavement analysis software system's judgment from documented pavement distresses. Other treatments can be used to repair these roadways depending on budget and preference. \*(EX = Many Thin Overlays can be supplemented with Chip Seals if handled in a timely manner)

### **Funding Key**

Local - Includes: Local Fuel Tax, County Fuel Tax, Impact Fees, Property Taxes, Local Improvement District

TBD - Transportation Benefit District (form of local funding)

FLAP - Federal Lands Access Program

PBS - Pedestrian and Bicycle Safety

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TAP - Transportation Alternatives Program

STP - Surface Transportation Program

LWCF - Land and Water Conservation Fund

CLP - Public Works Board, Construction Loan Program

CERB - Community Economic Revitalization Board

TIB - Transportation Improvement Board. Includes: Small City Sidewalk Program (SCSP), Small City Arterial Program (SCAP), Small City Preservation Program (SCPP), Relight Washington Program, Complete Streets Program

Other Abbreviations: BMP - LVCMPPO Bicycle Master Plan

Note: Each project should be evaluated for potential ADA ramps (triggered by overlay and reconstruction projects), which would add to the listed costs if required. Also, if it is beneficial to include drainage (stormwater) improvements, it is estimated that these improvements would add approximately \$60,000 per city block (based on previous projects, estimates, and typical stormwater devices used in the past) to costs listed in this CIP.

Capital Improvement Plan (Roadway Preservation Projects) - Priority List

Overall Priority	Sub-priority	PSC	Project & Description	Estimated Cost	Funding Sources	Related Projects
P1			Port Drive (Chipseal)	\$ 192,500	Local, TBD, TIB	C2, O20, I4, S2, BMP#71
	1.0	82	From 15th to 5th			
P2			Sycamore Street (Chipseal)	\$ 113,700	Local, TBD, TIB	08, O12, O15, O16, O17, O19, O20, O22, O23, O24, O26
	2.0	82	From 13th to Beachview Blvd			
P3			Sunrise Drive (Chipseal)	\$ 21,400	Local, TBD, TIB	O15
	3.0	83	From 7th to 7th			
P4			Elm Street (Chipseal)	\$ 97,400	Local, TBD, TIB	08, O12, O15, O16, O17, O19, O20, O22, O23, O24, O26, I2, BMP#73
	4.0	84	From 13th to Riverview Blvd			
P5			Chestnut Street (Chipseal)	\$ 99,500	Local, TBD, TIB	08, O12, O15, O16, O17, O19, O20, O22, O23, O24, O26, BMP #76
	5.0	84	From 13th to Beachview Blvd			
P6			Poplar Street (Chipseal)	\$ 85,900	Local, TBD, TIB	08, O12, O15, O16, O17, O19, O20, O22, O23, O24, O25, O26
	6.0	84	13th to Riverview Blvd			
P7			Acorn Court (Chipseal)	\$ 4,400	Local, TBD, TIB	
	7.0	85	From 13th to End			
P8			Maple Street (Chipseal)	\$ 83,900	Local, TBD, TIB	08, O12, O15, O16, O17, O19, O20, O22, O23, O24, O25, O26, PED2, S7
	8.0	86	13th to Riverview Blvd			
P9			Fair Street (Chipseal)	\$ 133,700	Local, TBD, TIB	01, 08, O12, O15, O16, O17, O19, O20, O22, O23, O24, O26, I4, BMP#70
	9.0	86	15th to End			
P10			Beachview Blvd (Chipseal)	\$ 16,500	Local, TBD, TIB	O25, P2, BMP#76
	10.0	87	Chestnut to Riverview			
P11			North St (Chipseal)	\$ 17,200	Local, TBD, TIB	O12, O24, P9
	11.0		Entire Length			
<b>Preservation Projects</b>				<b>\$866,100</b>		

Note: Recommended treatments (shown in project parentheses) are based on the average pavement analysis software system's judgment from documented pavement distresses. Other treatments can be used to repair these roadways depending on budget and preference. \*(EX = Many Thin Overlays can be supplemented with Chip Seals if handled in a timely manner)

**Funding Key**

Local - Includes: Local Fuel Tax, County Fuel Tax, Impact Fees, Property Taxes, Local Improvement District

TBD - Transportation Benefit District (form of local funding)

FLAP - Federal Lands Access Program

PBS - Pedestrian and Bicycle Safety

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TAP - Transportation Alternatives Program

STP - Surface Transportation Program

LWCF - Land and Water Conservation Fund

CLP - Public Works Board, Construction Loan Program

CERB - Community Economic Revitalization Board

TIB - Transportation Improvement Board. Includes: Small City Sidewalk Program (SCSP), Small City Arterial Program (SCAP), Small City Preservation Program (SCPP), Relight Washington Program, Complete Streets Program

Other Abbreviations: BMP - LVCMPPO Bicycle Master Plan

## Capital Improvement Plan (Intersection Projects) - Priority List

Overall Priority	Sub-priority	Project & Description	Estimated Cost	Potential Funding Sources	Related Projects
I1		Bridge, 2nd, Diagonal; 5th and Bridge	\$ 1,707,700	Local, TBD, HSIP, STP, TIB	I5, S1, S2, S6, BMP#72
	1.0	Intersection Reconfiguration			
I2		Diagonal St.; 8th St.; & Elm St.	\$ 1,995,800	Local, TBD, STP, TIB	O23, P4, S5, S6
	2.0	Intersection Reconfiguration			
I3		13th Street & Highland Avenue	\$ 62,500	Local, TBD, STP, TIB, MPO	BMP#77
	3.0	Intersection Study			
I4		5th St.; Fair St.; & Costco/Walmart	\$ 320,100	Local, TBD, TIB	O20, P9, S2, BMP#70, BMP#71
	4.0	Intersection Reconfiguration			
I5		5th Street & Diagonal Street	\$ 62,500	Local, TBD, STP, TIB, MPO	O20, I1, I6, S2, S6
	5.0	Intersection Study			
I6		6th Street & Diagonal Street	\$ 62,500	Local, TBD, STP, TIB, MPO	O8, I1, I5, S2, S6
	6.0	Intersection Study			
Intersection Projects Total				\$	4,211,100

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SRS - Safe Routes to Schools

LBP - Local Bridge Program

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TAP - Transportation Alternatives Program

STP - Surface Transportation Program

LWCF - Land and Water Conservation Fund

CLP - Public Works Board, Construction Loan Program

MPO - UPWP; Unified Planning Work Program

CERB - Community Economic Revitalization Board

TIB - Transportation Improvement Board. Includes: Small City Sidewalk Program (SCSP), Small City Arterial Program (SCAP), Small City Preservation Program (SCPP), Relight Washington Program, Complete Streets Program

Other Abbreviations: BMP - LVCMPO Bicycle Master Plan

## Capital Improvement Plan (Sidewalk &amp; Pedestrian Projects) - Priority List

Overall Priority	Sub-priority	Project & Description	Estimated Cost	Potential Funding Sources	Related Projects
PED1		<b>Poplar Street (North Side)</b>	\$ 309,100	Local, TBD, SRS, TIB, TAP	P6, PED3, PED4, PED5, PED9, PED10
	1.0	From Morrison to 12th Street			
PED2		<b>Maple Street (North Side)</b>	\$ 229,400	Local, TBD, SRS, TIB, TAP	P8, S7
	2.0	From 13th Street to Burns			
PED3		<b>Burns Street (West Side)</b>	\$ 112,200	Local, TBD, SRS, STP, TIB, TAP	PED1, PED4, PED5, S1
	3.0	From Poplar to Bridge St			
PED4		<b>Poplar Street (North Side)</b>	\$ 181,800	Local, TBD, SRS, TIB, TAP	P6, PED1, PED3, PED5, PED9, PED10
	4.0	From 13th to halfway to 14th			
PED5		<b>10th St (West Side), Poplar St (North Side)</b>	\$ 261,800	Local, TBD, SRS, TIB, TAP	O12, O22, P6, PED1, PED3, PED4
	5.0	From Bridge St to Poplar; Poplar to 9th St.			
PED6		<b>12th St (West Side), Maple St (North Side)</b>	\$ 202,300	Local, TBD, SRS, STP, TIB, TAP	O24, P8, S7
	6.0	From West side of 12th to Maple St, Maple to 11th			
PED7		<b>Ash St (North Side)</b>	\$ 244,500	Local, TBD, SRS, TIB, TAP	PED3
	7.0	From Burns St to 13th St, North side			
PED8		<b>McCarroll St (East Side)</b>	\$ 756,600	Local, TBD, SRS, TIB, TAP	O2, O7, O21
	8.0	From Chestnut to Highland			
PED9		<b>Poplar St (North Side), 8th St (West Side)</b>	\$ 213,900	Local, TBD, SRS, TIB, TAP	O23, P6, PED1, PED3, PED4, PED5, PED10
	9.0	From Poplar to 8th, 8th to Bridge St			
PED10		<b>Poplar St (North Side)</b>	\$ 135,800	Local, TBD, SRS, TIB, TAP	O15, O23, P6, PED1, PED3, PED4, PED5, PED9
	10.0	From 8th Street to 7th Street			
PED11		<b>7th Street (East Side)</b>	\$ 254,100	Local, TBD, SRS, TIB, TAP	O15, PED10, BMP#73
	11.0	From Diagonal to Poplar St			
PED12		<b>3rd Street (East Side)</b>	\$ 371,800	Local, TBD, SRS, TIB, TAP	O12, O26
	12.0	From 2nd Street to SR-129			
PED13		<b>10th Street (East Side)</b>	\$ 352,800	Local, TBD, SRS, TIB, TAP	O12, O16
	13.0	From Libby Street to Highland Ave			
PED14		<b>13th Street (Both Sides)</b>	\$ 896,400	Local, TBD, STP, TIB, TAP, FLAP	C2, O13
	14.0	From Port Way to Fair Street			
PED15		<b>Levee Trail Connector</b>	\$ 63,100	Local, TBD, TIB, TAP, FLAP	PED12
	15.0	From Highland Ave & 3rd St to Trail			
PED16		<b>Beachview Park to Chestnut Beach</b>	\$ 88,250	Local, TBD, TIB, TAP, FLAP	
	16.0	Road to parking lot connector			
<b>Sidewalk Projects Total</b>				<b>\$4,673,850</b>	

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Capital Improvement Plan (Study Projects) - Priority List

Overall Priority	Sub-priority	Project & Description	Estimated Cost	Potential Funding Sources	Related Projects
S1		<b>Bridge Street Corridor Study</b>	\$ 100,000	Local, TBD, STP, WSDOT, MPO	I1
	1.0	From 15th St. to Lewiston			
S2		<b>5th Street Corridor Study</b>	\$ 75,000	Local, TBD, MPO	O20, I4, I5
	2.0	Entire Length			
S3		<b>6th Street Speed Study</b>	\$ 15,000	Local, TBD, MPO	O8, I6
	3.0	From Fair St. to SR129			
S4		<b>7th Street Speed Study</b>	\$ 17,500	Local, TBD, MPO	O15, PED11
	4.0	Entire Length			
S5		<b>8th Street Speed Study</b>	\$ 12,500	Local, TBD, MPO	O23
	5.0	Entire Length			
S6		<b>Diagonal Street Corridor Study</b>	\$ 100,000	Local, TBD, STP, WSDOT, MPO	I1, I2
	6.0	From 5th St to Chestnut			
S7		<b>Maple Street Reclassification (to Major Collect.)</b>	\$ -		P8, PED2
	7.0	From 15th Street to Diagonal			
S8		<b>Highland Avenue Corridor Study</b>	\$ 75,000	Local, TBD, MPO	
	8.0	From SR-129 to 13th Street			
S9		<b>13th Street Corridor Study</b>	\$ 100,000	Local, TBD, MPO	
	9.0	From Highland Avenue to Fair Street			
<b>Sidewalk Projects Total</b>				<b>\$495,000</b>	

**Funding Key**

Local - Includes: Local Fuel Tax, County Fuel Tax, Impact Fees, Property Taxes, Local Improvement District

TBD - Transportation Benefit District (form of local funding)

FLAP - Federal Lands Access Program

PBS - Pedestrian and Bicycle Safety

SRS - Safe Routes to Schools

LBP - Local Bridge Program

HSIP - Highway Safety Improvement Program

TAP - Transportation Alternatives Program

STP - Surface Transportation Program

LWCF - Land and Water Conservation Fund

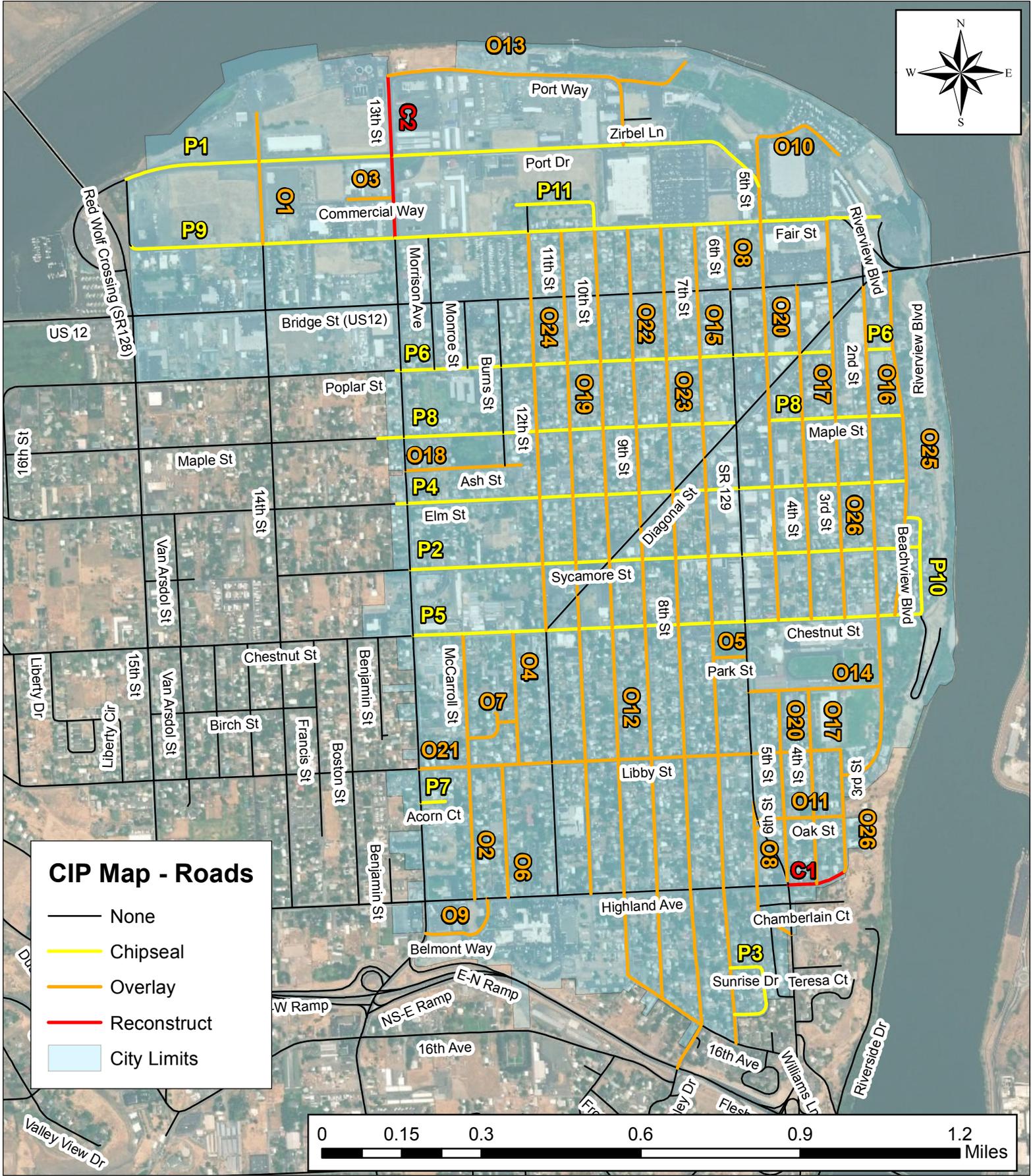
CLP - Public Works Board, Construction Loan Program

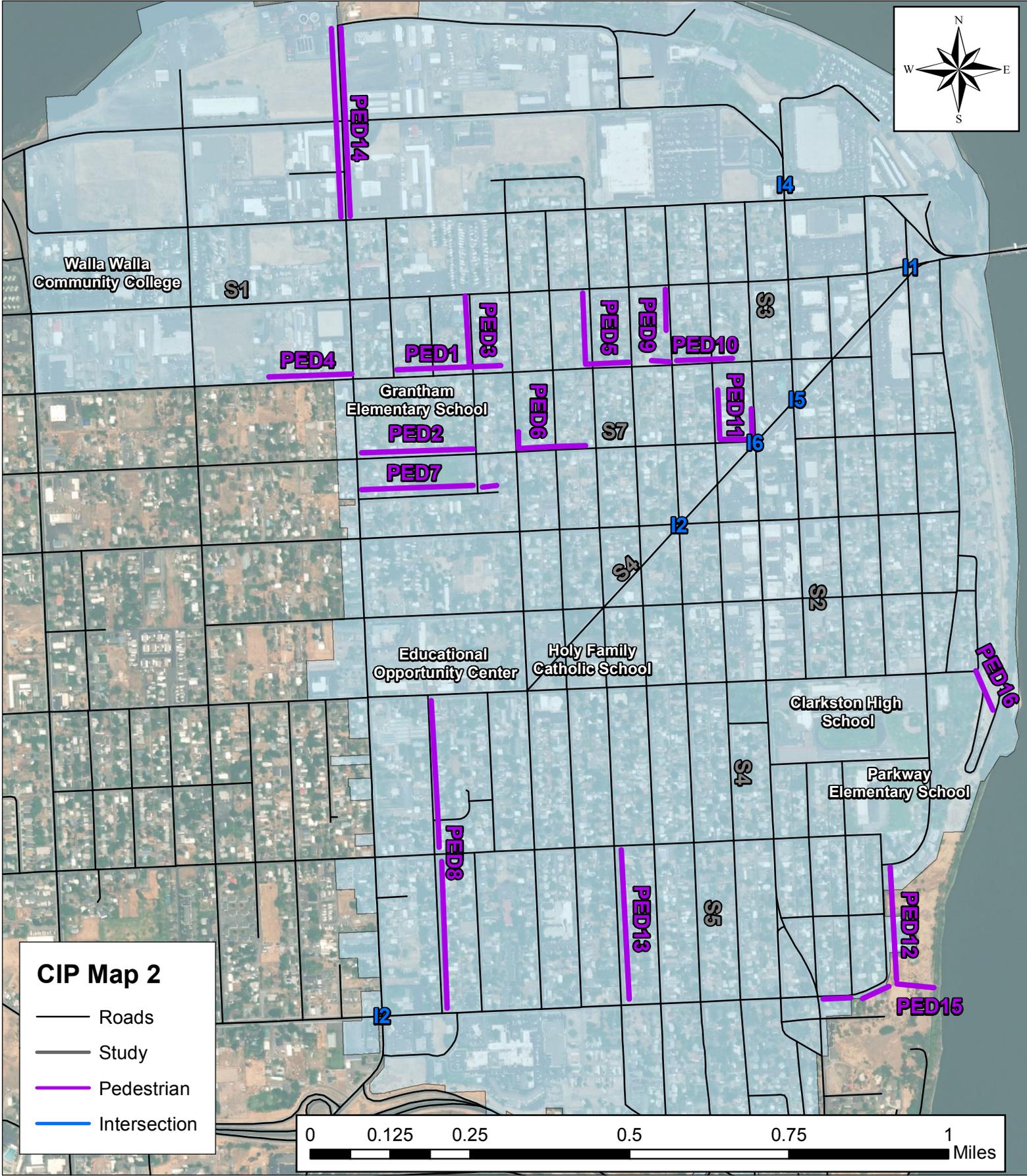
CERB - Community Economic Revitalization Board

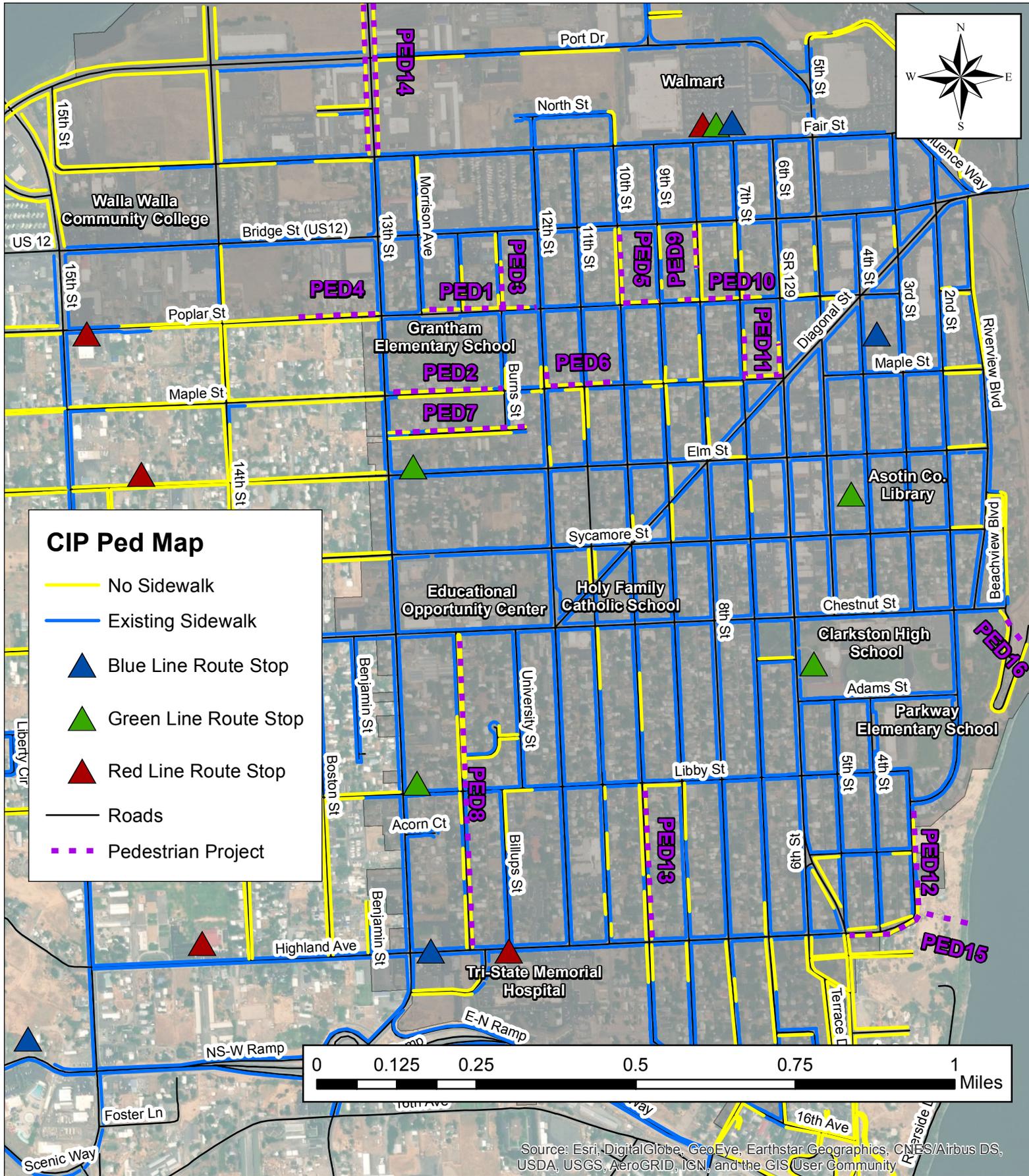
MPO - UPWP; Unified Planning Work Program

TIB - Transportation Improvement Board. Includes: Small City Sidewalk Program (SCSP), Small City Arterial Program (SCAP), Small City Preservation Program (SCPP), Relight Washington Program, Complete Streets Program

Other Abbreviations: BMP - LVCMPO Bicycle Master Plan







Note: Cost estimates provided herein are planning level cost estimates only. Costs for each project should be evaluated once more details are established to create more accurate project estimates.

**C1: Highland Ave\*\***

PSC	Road Name	From	To	Treatment	
53	Highland	SR129	3rd	Reconstruction	
Item Description	Quantity	Units	Price		Total
Rem. Bit. Surface	2957	SY	\$ 3.10	\$	9,200.00
Excavation	2957	SY	\$ 4.30	\$	12,800.00
Subbase	2957	SY	\$ 6.80	\$	20,200.00
Base	2957	SY	\$ 5.30	\$	15,700.00
Prime Coat	2957	SY	\$ 1.70	\$	5,100.00
Asphalt	2957	SY	\$ 11.60	\$	34,300.00
<b>Subtotal:</b>				\$	97,300.00
Mobilization	15%			\$	14,600.00
Engineering	30%			\$	33,600.00
Contingency	25%			\$	36,400.00
Environmental	10%			\$	18,200.00
** From SR-129 to 3rd Road conditions very poor					
<b>Total</b>				<b>\$</b>	<b>200,100</b>

**C2: 13th Street\*\***      **OR ->**

PSC	Road Name	From	To	Treatment	
56	13th	Fair	Port	Reconstruction	
Item Description	Quantity	Units	Price	Total	
Rem. Bit. Surface	7392	SY	\$ 3.10	\$ 23,000.00	
Excavation	7392	SY	\$ 4.30	\$ 31,800.00	
Subbase	7392	SY	\$ 6.80	\$ 50,300.00	
Base	7392	SY	\$ 5.30	\$ 39,200.00	
Prime Coat	7392	SY	\$ 1.70	\$ 12,600.00	
Asphalt	7392	SY	\$ 11.60	\$ 85,800.00	
<b>Subtotal:</b>				\$ 242,700.00	
Mobilization	15%			\$ 36,500.00	
Engineering	30%			\$ 83,800.00	
Contingency	25%			\$ 90,800.00	
Environmental	10%			\$ 45,400.00	
<b>** From Fair to Port, road conditio very poor</b>				<b>Total</b>	<b>\$ 499,200</b>

**C2: 13th Street\*\***

PSC	Road Name	From	To	Treatment	
56	13th	Fair	Port	Thick Overlay 2-3"	
Item Description	Quantity	Units	Price	Total	
Tack Coat	7392	SY	\$ 0.10	\$ 800.00	
Asphalt Overaly (3")	7392	SY	\$ 10.40	\$ 76,900.00	
<b>Subtotal:</b>				\$ 77,700.00	
Mobilization	15%			\$ 11,700.00	
Engineering	30%			\$ 26,900.00	
Contingency	25%			\$ 29,100.00	
Environmental	10%			\$ 14,600.00	
<b>** From Fair to Port, road conditio very poor</b>				<b>Total</b>	<b>\$ 160,000</b>

This section is from Fair Street to Port Way. This section of 13th St (42 feet in width by 1584 feet in length) had vast amounts of alligator and longitdunal/transverse type cracking. Due to its current condition rating, cost options are provided for both reconstruction and thick overlay options.

**O1: 14th Street**

PSC	Road Name	From	To	Treatment	
63	14th	Fair	End	Thin Overlay 1-2"	
	<b>Item Description</b>	<b>Quantity</b>	<b>Units</b>	<b>Price</b>	<b>Total</b>
	Tack Coat	18042	SY	\$ 0.10	\$ 1,900.00
	Asphalt Overaly (2")	18042	SY	\$ 5.80	\$ 104,700.00
	<b>Subtotal:</b>			\$	106,600.00
	Mobilization	15%		\$	16,000.00
	Engineering	30%		\$	36,800.00
	Contingency	25%		\$	39,900.00
	Environmental	10%		\$	20,000.00
	<b>Total</b>			<b>\$</b>	<b>219,300</b>

**O2: Commercial Way**

PSC	Road Name	From	To	Treatment	
65	Commercial	13th	End	Thin Overlay 1-2"	
	<b>Item Description</b>	<b>Quantity</b>	<b>Units</b>	<b>Price</b>	<b>Total</b>
	Tack Coat	2302	SY	\$ 0.10	\$ 300.00
	Asphalt Overaly (2")	2302	SY	\$ 5.80	\$ 13,400.00
	<b>Subtotal:</b>			\$	13,700.00
	Mobilization	15%		\$	2,100.00
	Engineering	30%		\$	4,800.00
	Contingency	25%		\$	5,200.00
	Environmental	10%		\$	2,600.00
	<b>Total</b>			<b>\$</b>	<b>28,400</b>

This section of 14th Street (75 feet wide by 2165 feet in length) which comes off Fair Street had distresses of all types with the most common being longitudinal cracking.

Commercial Way (56 feet wide by 370 feet in length) is a small section of roadway off 13th Street. This small section of roadway had distresses of all types with severe longitudinal cracking noted.

**O3: McCarroll Street**

PSC	Road Name	From	To	Treatment	
65	McCarroll	Highland	Chestnut	Thin Overlay 1-2"	
Item Description	Quantity	Units	Price	Total	
Tack Coat	10267	SY	\$ 0.10	\$ 1,100.00	
Asphalt Overaly (2")	10267	SY	\$ 5.80	\$ 59,600.00	
<b>Subtotal:</b>				\$ 60,700.00	
Mobilization	15%			\$ 9,200.00	
Engineering	30%			\$ 21,000.00	
Contingency	25%			\$ 22,800.00	
Environmental	10%			\$ 11,400.00	
			<b>Total</b>	<b>\$ 125,100</b>	

**O4: University Street**

PSC	Road Name	From	To	Treatment	
65	University	Libby	Chestnut	Thin Overlay 1-2"	
Item Description	Quantity	Units	Price	Total	
Tack Coat	5573	SY	\$ 3.10	\$ 17,300.00	
Asphalt Overaly (2")	5573	SY	\$ 5.80	\$ 32,400.00	
<b>Subtotal:</b>				\$ 49,700.00	
Mobilization	15%			\$ 7,500.00	
Engineering	30%			\$ 17,200.00	
Contingency	25%			\$ 18,600.00	
Environmental	10%			\$ 9,300.00	
			<b>Total</b>	<b>\$ 102,300</b>	

McCarroll Street (35 feet wide by 2640 feet in length), From Highland to Chestnut showed distresses mostly in the form of transverse and longitudinal type cracking. The severity of the cracks ranged from low to severe.

University Street (38 feet wide by 1320 feet in length), from Libby Street to Chestnut Street showed signs of alligator, transverse/longitudinal cracking. The severity of the distresses ranged from low to medium.

**O5: Park Street**

**O6: Billups Street**

PSC	Road Name	From	To	Treatment	
66	Park	7th	SR-129	Thin Overlay 1-2"	
	<b>Item Description</b>	<b>Quantity</b>	<b>Units</b>	<b>Price</b>	<b>Total</b>
	Tack Coat	881	SY	\$ 0.10	\$ 100.00
	Asphalt Overaly (2")	881	SY	\$ 5.80	\$ 5,200.00
	<b>Subtotal:</b>			\$	5,300.00
	Mobilization	15%		\$	800.00
	Engineering	30%		\$	1,900.00
	Contingency	25%		\$	2,000.00
	Environmental	10%		\$	1,000.00
	<b>Total</b>			<b>\$</b>	<b>11,000</b>

PSC	Road Name	From	To	Treatment	
68	Billups	Highland	Libby	Thin Overlay 1-2"	
	<b>Item Description</b>	<b>Quantity</b>	<b>Units</b>	<b>Price</b>	<b>Total</b>
	Tack Coat	5133	SY	\$ 0.10	\$ 600.00
	Asphalt Overaly (2")	5133	SY	\$ 5.80	\$ 29,800.00
	<b>Subtotal:</b>			\$	30,400.00
	Mobilization	15%		\$	4,600.00
	Engineering	30%		\$	10,500.00
	Contingency	25%		\$	11,400.00
	Environmental	10%		\$	5,700.00
	<b>Total</b>			<b>\$</b>	<b>62,600</b>

Park Street (25 feet wide by 317 feet long) which is located west of Clarkston High School, is a short section of roadway that connects SR-129 to 7th Street. This roadway showed signs of alligator and longitudinal cracking as the main form of pavement distress. the severity of the cracking ranged from low to medium for alligator, and low severity for longitudinal.

Billups Street (35 feet wide by 1320 feet in length) extends from Highland Ave to Libby Street. This section of roadway showed signs of transverse/longitudinal cracking ranging in severity from low to medium.

**O7: College Court**

**O8: 6th Street**

PSC	Road Name	From	To	Treatment	
69	College	McCarroll	University	Thin Overlay 1-2"	
Item Description	Quantity	Units	Price	Total	
Tack Coat	2259	SY	\$ 0.10	\$ 300.00	
Asphalt Overlay (2")	2259	SY	\$ 5.80	\$ 13,200.00	
<b>Subtotal:</b>			\$	13,500.00	
Mobilization	15%		\$	2,100.00	
Engineering	30%		\$	4,700.00	
Contingency	25%		\$	5,100.00	
Environmental	10%		\$	2,600.00	
<b>Total</b>			<b>\$</b>	<b>28,000</b>	

PSC	Road Name	From	To	Treatment	
71	6th Street	SR-129	Fair	Thin Overlay 1-2"	
Item Description	Quantity	Units	Price	Total	
Tack Coat	9856	SY	\$ 0.10	\$ 1,000.00	
Asphalt Overlay (2")	9856	SY	\$ 5.80	\$ 57,200.00	
<b>Subtotal:</b>			\$	58,200.00	
Mobilization	15%		\$	8,800.00	
Engineering	30%		\$	20,100.00	
Contingency	25%		\$	21,800.00	
Environmental	10%		\$	10,900.00	
<b>Total</b>			<b>\$</b>	<b>119,800</b>	

College Court (35 feet in width by 580.5 feet in length) is a small roadway that connects McCarroll Street to University Street. Pavement Distresses included transverse/longitudinal with severity ranging from low to medium and small instances of patching with severity ranging from low to high.

6th Street (42 feet in width by 2112 feet in length) from the intersection of Maple, Diagonal to Fair St. This section of roadway had the most distress in the form of alligator cracking ranging from low to medium severity.

**O9: Belmont Way**

PSC	Road Name	From	To	Treatment	
71	Belmont	13th	Highland	Thin Overlay 1-2"	
<b>Item Description</b>		<b>Quantity</b>	<b>Units</b>	<b>Price</b>	<b>Total</b>
Tack Coat		3098	SY	\$ 0.10	\$ 400.00
Asphalt Overlay (2")		3098	SY	\$ 5.80	\$ 18,000.00
<b>Subtotal:</b>					\$ 18,400.00
Mobilization		15%		\$	2,800.00
Engineering		30%		\$	6,400.00
Contingency		25%		\$	6,900.00
Environmental		10%		\$	3,500.00
<b>Total</b>					<b>\$ 38,000</b>

Belmont Way (33 feet wide by 850 feet in length) connects 13th to Highland Ave. This road is a small access road to the emergency room and Tri State Memorial Hospital. This road showed most distress in the form of transverse/longitudinal cracking ranging from low to high severity.

**O10: Granite Lake Drive**

PSC	Road Name	From	To	Treatment	
71	Granite	5th	End	Thin Overlay 1-2"	
<b>Item Description</b>		<b>Quantity</b>	<b>Units</b>	<b>Price</b>	<b>Total</b>
Tack Coat		2564	SY	\$ 0.10	\$ 300.00
Asphalt Overlay (2")		2564	SY	\$ 5.80	\$ 14,900.00
<b>Subtotal:</b>					\$ 15,200.00
Mobilization		15%		\$	2,300.00
Engineering		30%		\$	5,300.00
Contingency		25%		\$	5,700.00
Environmental		10%		\$	2,900.00
<b>Total</b>					<b>\$ 31,400</b>

This is a private road. Costs are listed for reference only.

**O11: Oak Street**

**O12: 10th Street**

PSC	Road Name	From	To	Treatment	
72	Oak	6th	3rd	Thin Overlay 1-2"	
	<b>Item Description</b>	<b>Quantity</b>	<b>Units</b>	<b>Price</b>	<b>Total</b>
	Tack Coat	3098	SY	\$ 0.10	\$ 400.00
	Asphalt Overaly (2")	3098	SY	\$ 5.80	\$ 18,000.00
		<b>Subtotal:</b>		\$	18,400.00
	Mobilization	15%		\$	2,800.00
	Engineering	30%		\$	6,400.00
	Contingency	25%		\$	6,900.00
	Environmental	10%		\$	3,500.00
		<b>Total</b>		<b>\$</b>	<b>38,000</b>

PSC	Road Name	From	To	Treatment	
72	10th	8th	Fair	Thin Overlay 1-2"	
	<b>Item Description</b>	<b>Quantity</b>	<b>Units</b>	<b>Price</b>	<b>Total</b>
	Tack Coat	32237	SY	\$ 0.10	\$ 3,300.00
	Asphalt Overaly (2")	32237	SY	\$ 5.80	\$ 187,000.00
		<b>Subtotal:</b>		\$	190,300.00
	Mobilization	15%		\$	28,600.00
	Engineering	30%		\$	65,700.00
	Contingency	25%		\$	71,200.00
	Environmental	10%		\$	35,600.00
		<b>Total</b>		<b>\$</b>	<b>391,400</b>

Oak Street (33 feet in width by 845 feet in length) connects 3rd to SR-129. This section of roadway had distress in all types but most predominantly in transverse/longitudinal cracking ranging from low to medium severity.

10th Street (35 feet in width by 8,286 feet in length) stretches from Fair St to 8th St. This section of roadway showed surface distress of all types with transverse/longitudinal being the most prevalent. The severity of distresses ranged from low to high.

**O13: Port Way**

PSC	Road Name	From	To	Treatment	
72	Port	13th	9th	Thin Overlay 1-2"	
<b>Item Description</b>		<b>Quantity</b>	<b>Units</b>	<b>Price</b>	<b>Total</b>
Tack Coat		18034	SY	\$ 0.10	\$ 1,900.00
Asphalt Overaly (2")		18034	SY	\$ 5.80	\$ 104,600.00
<b>Subtotal:</b>				\$	106,500.00
Mobilization		15%		\$	16,000.00
Engineering		30%		\$	36,800.00
Contingency		25%		\$	39,900.00
Environmental		10%		\$	20,000.00
<b>Total</b>				<b>\$</b>	<b>219,200</b>

**O14: Adams Street**

PSC	Road Name	From	To	Treatment	
74	Adams	SR-129	2nd	Thin Overlay 1-2"	
<b>Item Description</b>		<b>Quantity</b>	<b>Units</b>	<b>Price</b>	<b>Total</b>
Tack Coat		5133	SY	\$ 0.10	\$ 600.00
Asphalt Overaly (2")		5133	SY	\$ 5.80	\$ 29,800.00
<b>Subtotal:</b>				\$	30,400.00
Mobilization		15%		\$	4,600.00
Engineering		30%		\$	10,500.00
Contingency		25%		\$	11,400.00
Environmental		10%		\$	5,700.00
<b>Total</b>				<b>\$</b>	<b>62,600</b>

Adams Street (35 feet width by 1320 feet in length) and is adjacent from Clarkston High School and connects 2nd Street to SR-129. This road showed predominantly transverse/longitudinal cracking from low to medium severity.

**O15: 7th Street**

PSC	Road Name	From	To	Treatment	
75	7th	16th	Fair	Thin Overlay 1-2"	
Item Description	Quantity	Units	Price	Total	
Tack Coat	29979	SY	\$ 0.10	\$ 3,000.00	
Asphalt Overaly (2")	29979	SY	\$ 5.80	\$ 173,900.00	
<b>Subtotal:</b>				<b>\$ 176,900.00</b>	
Mobilization	15%		\$	26,600.00	
Engineering	30%		\$	61,100.00	
Contingency	25%		\$	66,200.00	
Environmental	10%		\$	33,100.00	
<b>Total</b>				<b>\$ 363,900</b>	

**O16: 2nd Street**

PSC	Road Name	From	To	Treatment	
75	2nd	3rd	Bridge	Thin Overlay 1-2"	
Item Description	Quantity	Units	Price	Total	
Tack Coat	20123	SY	\$ 0.10	\$ 2,100.00	
Asphalt Overaly (2")	20123	SY	\$ 5.80	\$ 116,800.00	
<b>Subtotal:</b>				<b>\$ 118,900.00</b>	
Mobilization	15%		\$	17,900.00	
Engineering	30%		\$	41,100.00	
Contingency	25%		\$	44,500.00	
Environmental	10%		\$	22,300.00	
<b>Total</b>				<b>\$ 244,700</b>	

7th Street (35 feet in width by 7,709 feet in length) stretches from 16th Ave to the south to Fair St to the North. This section of roadway had all types of surface distress with longitudinal and patching being the most prevalent. The surface distresses ranged from low to high severity.

2nd Street (35 feet in width by 5,175 feet in length) stretches from 3rd street in the south to Bridge St to the north. This section of roadway had distresses of all types with no distress being significantly more than another. The severity ranged from low to high on all distresses.

**O17: 4th Street**

PSC	Road Name	From	To	Treatment	
75	4th	Highland	Bridge	Thin Overlay 1-2"	
Item Description	Quantity	Units	Price	Total	
Tack Coat	20328	SY	\$ 0.10	\$ 2,100.00	
Asphalt Overaly (2")	20328	SY	\$ 5.80	\$ 118,000.00	
<b>Subtotal:</b>				\$ 120,100.00	
Mobilization	15%			\$ 18,100.00	
Engineering	30%			\$ 41,500.00	
Contingency	25%			\$ 45,000.00	
Environmental	10%			\$ 22,500.00	
<b>Total</b>				<b>\$</b>	<b>247,200</b>

**O17: Ash Street**

PSC	Road Name	From	To	Treatment	
76	Ash	13th	End	Thin Overlay 1-2"	
Item Description	Quantity	Units	Price	Total	
Tack Coat	3872	SY	\$ 0.10	\$ 400.00	
Asphalt Overaly (2")	3872	SY	\$ 5.80	\$ 22,500.00	
<b>Subtotal:</b>				\$ 22,900.00	
Mobilization	15%			\$ 3,500.00	
Engineering	30%			\$ 8,000.00	
Contingency	25%			\$ 8,600.00	
Environmental	10%			\$ 4,300.00	
<b>Total</b>				<b>\$</b>	<b>47,300</b>

4th Street (35 feet in width by 5,227 feet in length) is broken up by Clarkston High School. It extends from Bridge Street to the north all the way to Highland Ave to the south. 4th street showed signs of all surface distresses with transverse/longitudinal and Patching being the most

Ash Street (33 feet in width by 1,056 feet in length) is a side road off of 13th St. This section of roadway showed predominately transverse/longitudinal cracking for surface distress. The severity ranged from low to high.

**O18: 11th Street**

PSC	Road Name	From	To	Treatment	
77	11th	Highland	Fair	Thin Overlay 1-2"	
Item Description	Quantity	Units	Price	Total	
Tack Coat	25667	SY	\$ 0.10	\$ 2,600.00	
Asphalt Overaly (2")	25667	SY	\$ 5.80	\$ 148,900.00	
<b>Subtotal:</b>				\$ 151,500.00	
Mobilization	15%			\$ 22,800.00	
Engineering	30%			\$ 52,300.00	
Contingency	25%			\$ 56,700.00	
Environmental	10%			\$ 28,400.00	
			<b>Total</b>	<b>\$ 311,700</b>	

11th Street (35 feet in width by 6,600 feet in length) extends from Highland Ave from the south to Fair St to the north. The type of surface distresses were mostly transverse/longitudinal ranging from low to high severity.

**O19: 5th Street**

PSC	Road Name	From	To	Treatment	
77	5th	SR-129	Granite Lake	Thin Overlay 1-2"	
Item Description	Quantity	Units	Price	Total	
Tack Coat	33381	SY	\$ 0.10	\$ 3,400.00	
Asphalt Overaly (2")	33381	SY	\$ 5.80	\$ 193,700.00	
<b>Subtotal:</b>				\$ 197,100.00	
Mobilization	15%			\$ 29,600.00	
Engineering	30%			\$ 68,100.00	
Contingency	25%			\$ 73,700.00	
Environmental	10%			\$ 36,900.00	
			<b>Total</b>	<b>\$ 405,400</b>	

5th Street (width ranging from 35 feet to 50 feet by 6,548 feet in length) extends from SR-129 to the south all the way to Granite Lake Dr to the north. The surface distresses were predominantly transverse/longitudinal cracking ranging from low to high severity.

**O20: Libby Street**

**O21: 9th Street**

PSC	Road Name	From	To	Treatment	
77	Libby	13th	3rd	Thin Overlay 1-2"	
<b>Item Description</b>		<b>Quantity</b>	<b>Units</b>	<b>Price</b>	<b>Total</b>
	Tack Coat	13904	SY	\$ 0.10	\$ 1,400.00
	Asphalt Overaly (2")	13904	SY	\$ 5.80	\$ 80,700.00
<b>Subtotal:</b>				\$	82,100.00
	Mobilization	15%		\$	12,400.00
	Engineering	30%		\$	28,400.00
	Contingency	25%		\$	30,800.00
	Environmental	10%		\$	15,400.00
<b>Total</b>				<b>\$</b>	<b>169,100</b>

PSC	Road Name	From	To	Treatment	
77	9th	16th	Port	Thin Overlay 1-2"	
<b>Item Description</b>		<b>Quantity</b>	<b>Units</b>	<b>Price</b>	<b>Total</b>
	Tack Coat	32853	SY	\$ 0.10	\$ 3,300.00
	Asphalt Overaly (2")	32853	SY	\$ 5.80	\$ 190,600.00
<b>Subtotal:</b>				\$	193,900.00
	Mobilization	15%		\$	29,100.00
	Engineering	30%		\$	66,900.00
	Contingency	25%		\$	72,500.00
	Environmental	10%		\$	36,300.00
<b>Total</b>				<b>\$</b>	<b>398,700</b>

Libby Street (30 feet wide by 4,172 feet in length) extends from 13th Street to 3rd Street. Libby Street had transverse/longitudinal cracking as the most common surface distress. The severity ranged from low to medium.

9th Street (35 feet in width by 8,448 feet in length) extends from 16th street to the south all the way to Port Way in the north. There is a road break where the Walmart is located. This section of roadway has all types of surface distress but most notably transverse/longitudinal cracking. The severity ranged from low to high.

**O22: 8th Street**

**O23: 12th Street**

PSC	Road Name	From	To	Treatment	
79	8th	16th	Fair	Thin Overlay 1-2"	
<b>Item Description</b>		<b>Quantity</b>	<b>Units</b>	<b>Price</b>	<b>Total</b>
Tack Coat		31416	SY	\$ 0.10	\$ 3,200.00
Asphalt Overaly (2")		31416	SY	\$ 5.80	\$ 182,300.00
<b>Subtotal:</b>				\$	185,500.00
Mobilization		15%		\$	27,900.00
Engineering		30%		\$	64,100.00
Contingency		25%		\$	69,400.00
Environmental		10%		\$	34,700.00
Contingency				<b>Total</b>	<b>\$ 381,600</b>

PSC	Road Name	From	To	Treatment	
79	12th	Highland	Fair	Thin Overlay 1-2"	
<b>Item Description</b>		<b>Quantity</b>	<b>Units</b>	<b>Price</b>	<b>Total</b>
Tack Coat		40590	SY	\$ 0.10	\$ 4,100.00
Asphalt Overaly (2")		40590	SY	\$ 5.80	\$ 235,500.00
<b>Subtotal:</b>				\$	239,600.00
Mobilization		15%		\$	36,000.00
Engineering		30%		\$	82,700.00
Contingency		25%		\$	89,600.00
Environmental		10%		\$	44,800.00
<b>Total</b>				<b>\$</b>	<b>492,700</b>

9th Street (35 feet in width by 8,079 feet in length) extends from 16th Street in the south to Fair Street in the north. This section of roadway experienced all surface distresses with alligator and longitudinal being more common. The severity of the distresses ranged from low to high.

12th Street (37 feet in width by 6,600 feet in length) extends from Highland Ave to Fair Street. This section of roadway showed minimal signs of surface distress. The types of distresses observed were transverse/longitudinal cracking from low to medium severity.

**O24: Riverview Blvd**

PSC	Road Name	From	To	Treatment	
80	Riverview	Chestnut	Bridge	Thin Overlay 1-2"	
	<b>Item Description</b>	<b>Quantity</b>	<b>Units</b>	<b>Price</b>	<b>Total</b>
	Tack Coat	13347	SY	\$ 0.10	\$ 1,400.00
	Asphalt Overaly (2")	13347	SY	\$ 5.80	\$ 77,500.00
		<b>Subtotal:</b>		\$	78,900.00
	Mobilization	15%		\$	11,900.00
	Engineering	30%		\$	27,300.00
	Contingency	25%		\$	29,600.00
	Environmental	10%		\$	14,800.00
				<b>Total</b>	<b>\$ 162,500</b>

Riverview Blvd (35 feet in width by 3,432 feet in length) extends from Chestnut Street to Bridge Street. This section of roadway showed signs of transverse/longitudinal cracking as the most common distress. The severity ranged from low to medium.

**O25: 3rd Street**

PSC	Road Name	From	To	Treatment	
80	3rd	Highland	Fair	Thin Overlay 1-2"	
	<b>Item Description</b>	<b>Quantity</b>	<b>Units</b>	<b>Price</b>	<b>Total</b>
	Tack Coat	19166	SY	\$ 0.10	\$ 2,000.00
	Asphalt Overaly (2")	19166	SY	\$ 5.80	\$ 111,200.00
		<b>Subtotal:</b>		\$	113,200.00
	Mobilization	15%		\$	17,000.00
	Engineering	30%		\$	39,100.00
	Contingency	25%		\$	42,400.00
	Environmental	10%		\$	21,200.00
				<b>Total</b>	<b>\$ 232,900</b>

3rd Street (33 feet in width by 5,227 feet in length) is extends from Highland Ave to the south all the way to Fair St in the north. Clarkston High School breaks up 3rd Street. The surface distresses observed on this section of roadway included transverse and longitudinal cracking as the most common. The severity ranged from low to medium.

**P1: Port Drive**

PSC	Road Name	From	To	Treatment	
82	Port	15th	5th	Chip Seal	
<b>Item Description</b>		<b>Quantity</b>	<b>Units</b>	<b>Price</b>	<b>Total</b>
Chip Seal		40562	SY	\$ 3.30	\$ 133,900.00
<b>Subtotal:</b>				\$	133,900.00
Mobilization		15%		\$	20,100.00
Engineering		0%		\$	-
Contingency		25%		\$	38,500.00
Environmental				\$	-
<b>Total</b>				<b>\$</b>	<b>192,500</b>

**P2: Sycamore Street**

PSC	Road Name	From	To	Treatment	
82	Sycamore	13th	Beachview	Chip Seal	
<b>Item Description</b>		<b>Quantity</b>	<b>Units</b>	<b>Price</b>	<b>Total</b>
Chip Seal		23909	SY	\$ 3.30	\$ 79,000.00
<b>Subtotal:</b>				\$	79,000.00
Mobilization		15%		\$	11,900.00
Engineering		0%		\$	-
Contingency		25%		\$	22,800.00
Environmental				\$	-
<b>Total</b>				<b>\$</b>	<b>113,700</b>

Port Drive (55 feet from 15th to 13th, 25 feet from 13th to 5th in width by 6,389 feet in length) extends from 15th street off of Red Wolf Bridge to 5th Street in front of Walmart. This section of roadway showed transverse and longitudinal cracking ranking from low to

Sycamore Street (42 feet in width by 5,123 feet in length) extends from 13th street to the west to Beachview blvd to the east. This section of roadway showed signs of alligator and transverse/longitudinal cracking. The severity ranged from low to medium.

**P3: Sunrise Drive**

PSC	Road Name	From	To	Treatment	
83	Sunrise	7th	7th	Chip Seal	
<b>Item Description</b>		<b>Quantity</b>	<b>Units</b>	<b>Price</b>	<b>Total</b>
Chip Seal		4459	SY	\$ 3.30	\$ 14,800.00
<b>Subtotal:</b>				\$	14,800.00
Mobilization		15%		\$	2,300.00
Engineering		0%		\$	-
Contingency		25%		\$	4,300.00
Environmental				\$	-
<b>Total</b>				<b>\$</b>	<b>21,400</b>

Sunrise Drive ( 38 feet in width by 1,056 feet in length) is a small section of roadway that connects residential homes to 7th Street. The road distresses for this section of roadway included minimal amounts of surface distress of all types ranging from low to medium severity.

**P4: Elm Street**

PSC	Road Name	From	To	Treatment	
84	Elm	13th	Riverview	Chip Seal	
<b>Item Description</b>		<b>Quantity</b>	<b>Units</b>	<b>Price</b>	<b>Total</b>
Chip Seal		20510	SY	\$ 3.30	\$ 67,700.00
<b>Subtotal:</b>				\$	67,700.00
Mobilization		15%		\$	10,200.00
Engineering		0%		\$	-
Contingency		25%		\$	19,500.00
Environmental				\$	-
<b>Total</b>				<b>\$</b>	<b>97,400</b>

Elm Street (38 feet in width by 4,858 feet in length) extends from 13th Street to Riverview Blvd. The road distresses for this road included minimal amount of transverse and longitudinal cracking with a low level of severity.

**P5: Chestnut Street**

**P6: Poplar Street**

PSC	Road Name	From	To	Treatment	
84	Chestnut	13th	Beachvie	Chip Seal	
Item Description	Quantity	Units	Price	Total	
Chip Seal	20956	SY	\$ 3.30	\$ 69,200.00	
<b>Subtotal:</b>				\$ 69,200.00	
Mobilization	15%		\$	10,400.00	
Engineering	0%		\$	-	
Contingency	25%		\$	19,900.00	
Environmental			\$	-	
<b>Total</b>				<b>\$ 99,500</b>	

PSC	Road Name	From	To	Treatment	
84	Poplar	13th	Riverview	Chip Seal	
Item Description	Quantity	Units	Price	Total	
Chip Seal	18069	SY	\$ 3.30	\$ 59,700.00	
<b>Subtotal:</b>				\$ 59,700.00	
Mobilization	15%		\$	9,000.00	
Engineering	0%		\$	-	
Contingency	25%		\$	17,200.00	
Environmental			\$	-	
<b>Total</b>				<b>\$ 85,900</b>	

Chestnut Street (38 feet in width by 4,963 feet in length) extends from 13th Street to Riverview Blvd. Overall, Chestnut Street had very minimal surface distress and the types that were observed were transverse/longitudinal cracking. Both types of cracking saw low to medium severity.

Poplar Street (35 feet in width by 4,647 feet in length) extends from 13th Street to Riverview Blvd. This section of road way had signs of alligator and transverse/longitudinal type of cracking. The severity of the distresses ranged from low to medium.

**P7: Acorn Court**

**P8: Maple Street**

PSC	Road Name	From	To	Treatment	
85	Acorn	13th	End	Chip Seal	
Item Description	Quantity	Units	Price	Total	
Chip Seal	880	SY	\$ 3.30	\$ 3,000.00	
<b>Subtotal:</b>				\$ 3,000.00	
Mobilization	15%		\$	500.00	
Engineering	0%		\$	-	
Contingency	25%		\$	900.00	
Environmental			\$	-	
<b>Total</b>			<b>\$</b>	<b>4,400</b>	

PSC	Road Name	From	To	Treatment	
86	Maple	13th	Riverview	Chip Seal	
Item Description	Quantity	Units	Price	Total	
Chip Seal	17647	SY	\$ 3.30	\$ 58,300.00	
<b>Subtotal:</b>				\$ 58,300.00	
Mobilization	15%		\$	8,800.00	
Engineering	0%		\$	-	
Contingency	25%		\$	16,800.00	
Environmental			\$	-	
<b>Total</b>			<b>\$</b>	<b>83,900</b>	

Acorn Court (30 feet in width by 264 feet in length) is a small culdesac along 13th Street. This small section of roadway had signs of patching and tranverse/longitudinal cracking ranging from low to medium severity.

Maple Street (32 feet in width by 4,964 feet in length) is a section of roadway that connects 13th Street to the west to Riverview Blvd to the east. This section of roadway saw distresses of all types with transverse/longitudinal cracking being the most common. Some areas with patching was observed as well. Overall the severity of the distresses was low.

**P9: Fair Street**

PSC	Road Name	From	To	Treatment	
86	Fair	15th	End	Chip Seal	
Item Description	Quantity	Units	Price	Total	
Chip Seal	28125	SY	\$ 3.30	\$ 92,900.00	
			<b>Subtotal:</b>	\$ 92,900.00	
Mobilization	15%		\$	14,000.00	
Engineering	0%		\$	-	
Contingency	25%		\$	26,800.00	
Environmental			\$	-	
			<b>Total</b>	<b>\$ 133,700</b>	

**P10: Beachview Blvd**

PSC	Road Name	From	To	Treatment	
87	Beachview	Chestnut	Riverview	Chip Seal	
Item Description	Quantity	Units	Price	Total	
Chip Seal	3450	SY	\$ 3.30	\$ 11,400.00	
			<b>Subtotal:</b>	\$ 11,400.00	
Mobilization	15%		\$	1,800.00	
Engineering	0%		\$	-	
Contingency	25%		\$	3,300.00	
Environmental			\$	-	
			<b>Total</b>	<b>\$ 16,500</b>	

Fair Street (34 feet in width by 6,917 feet in length) is section of roadway that connects western half of city limits and the eastern half. Fair Street has Walmart and Costco as an entryway so vehicle traffic on this section of roadway is more common. The surface distresses worth noting included alligator cracking in some areas and tranverse/longitudinal cracking throughout the roadway as a whole. Patching was observed in some areas as well. The severity of the distresses ranged from low to high.

Beachview Blvd (28 feet in width by 1,109 feet in length) is a small residential road that connects Chestnut Street and Riverview Blvd. This section of roadway had showed transverse and longitudinal

**P11: North St**

PSC	Road Name	From	To	Treatment
89	North	12th	10th	Chip Seal
Description	Quantity	Units	Price	Total
Chip Seal	3590	SY	\$ 3.30	\$ 11,900.00
<b>Subtotal:</b>			\$	11,900.00
Mobilization	15%		\$	1,800.00
Engineering	0%		\$	-
Contingency	25%		\$	3,500.00
Environmental			\$	-
<b>Total</b>			<b>\$</b>	<b>17,200</b>

North Street (36 feet in width by 898 feet in length) is a residential street off of Fair Street next to Walmart. This roadway had some signs of transverse and longitudinal cracking ranging from low to medium severity.

**Bridge St.; 2nd St; & Diagonal St.**

**Diagonal St.; 8th St.; & Elm St.**

Related Roadways			Proposed Project		
Bridge St	2nd St	Diagonal St	Reconfiguration		
Item Description	Quantity	Units	Price	Total	
Signal Pole Demolition	1	LS	\$ 22,400.00	\$ 22,400.00	
Remove Sidewalk	350	SY	\$ 15.68	\$ 5,488.00	
Remove Curb/Gutter	2000	LF	\$ 5.60	\$ 11,200.00	
Remove Asphalt	9000	SY	\$ 3.36	\$ 30,240.00	
Asphalt Section	7578	SY	\$ 33.60	\$ 254,620.80	
Stormwater Modificati	1	LS	\$ 28,000.00	\$ 28,000.00	
Pedestrian Ramps	15	EA	\$ 1,800.00	\$ 27,000.00	
Sidewalk	1550	SY	\$ 50.40	\$ 78,120.00	
Landscaping & irrigatio	6500	SF	\$ 1.12	\$ 7,280.00	
Concrete Island Work	650	SY	\$ 28.00	\$ 18,200.00	
Curb and Gutter	3500	LF	\$ 22.40	\$ 78,400.00	
Brick Pavers	555	SY	\$ 89.60	\$ 49,728.00	
Special Pavement Mar	200	SF	\$ 2.24	\$ 448.00	
Signs	31	EA	\$ 448.00	\$ 13,888.00	
Construction Signs	48	EA	\$ 71.68	\$ 3,440.64	
Traffic Drums	50	EA	\$ 22.40	\$ 1,120.00	
Lighting	12	EA	\$ 2,800.00	\$ 33,600.00	
Right of way purchase	8000	SF	\$ 56.00	\$ 448,000.00	
Traffic Control	280	HR	\$ 39.20	\$ 10,976.00	
Flaggers	100	HR	\$ 44.80	\$ 4,480.00	
Control Survey Staking	1	LS	\$ 33,600.00	\$ 33,600.00	
Seal Coat	7000	SY	\$ 2.24	\$ 15,680.00	
<b>Subtotal:</b>				\$ 1,175,909.44	
Mobilization	10%			\$ 117,600.00	
Engineering	20%			\$ 258,800.00	
Contingency	10%			\$ 155,300.00	
Environmental	0%			\$ -	
<b>Total</b>				<b>\$ 1,707,609</b>	

Related Roadways			Proposed Project		
Diagonal	8th St	Elm St	Reconfiguration (Roundabout)		
Item Description	Quantity	Units	Price	Total	
Remove Sidewalk	660	SY	\$ 15.68	\$ 10,348.80	
Remove Curb/Gutter	1200	LF	\$ 5.60	\$ 6,720.00	
Remove Asphalt	4000	SY	\$ 3.36	\$ 13,440.00	
Asphalt Section	6000	SY	\$ 33.60	\$ 201,600.00	
Stormwater Modifica	1	LS	\$ 28,000.00	\$ 28,000.00	
Pedestrian Ramps	12	EA	\$ 4,500.00	\$ 54,000.00	
Sidewalk	700	SY	\$ 50.40	\$ 35,280.00	
Concrete Island Work	650	SY	\$ 28.00	\$ 18,200.00	
Curb and Gutter	1500	LF	\$ 22.40	\$ 33,600.00	
Brick Pavers	400	SY	\$ 89.60	\$ 35,840.00	
Special Pavement Ma	200	SF	\$ 2.24	\$ 448.00	
Signs	24	EA	\$ 448.00	\$ 10,752.00	
Construction Signs	48	EA	\$ 71.68	\$ 3,440.64	
Traffic Drums	50	EA	\$ 22.40	\$ 1,120.00	
Lighting	12	EA	\$ 2,800.00	\$ 33,600.00	
Right of way purchas	7500	SF	\$ 56.00	\$ 420,000.00	
Traffic Control	280	HR	\$ 39.20	\$ 10,976.00	
Flaggers	140	HR	\$ 44.80	\$ 6,272.00	
Control Survey Stakin	1	LS	\$ 33,600.00	\$ 33,600.00	
Seal Coat	6000	SY	\$ 2.24	\$ 13,440.00	
<b>Subtotal:</b>				\$ 970,677.44	
Mobilization	15%			\$ 145,700.00	
Engineering	30%			\$ 335,000.00	
Contingency	25%			\$ 362,900.00	
Environmental	10%			\$ 181,500.00	
<b>Total</b>				<b>\$ 1,995,777</b>	

**13th Street & Highland Avenue**

Related Roadways		Proposed Project		
13th St	Highland Ave	Intersection Study		
Item Description	Quantity	Units	Price	Total
Intersection Study	1	LS	\$ 50,000.00	\$ 50,000.00
<b>Subtotal:</b>				\$ 50,000.00
Mobilization	0%		\$ -	
Engineering	0%		\$ -	
Contingency	25%		\$ 12,500.00	
Environmental	0%		\$ -	
<b>Total</b>			<b>\$</b>	<b>62,500</b>

**5th Street & Diagonal Street**

Related Roadways		Proposed Project		
5th St	Diagonal St	Intersection Study		
Item Description	Quantity	Units	Price	Total
Intersection Study	1	LS	\$ 50,000.00	\$ 50,000.00
<b>Subtotal:</b>				\$ 50,000.00
Mobilization	0%		\$ -	
Engineering	0%		\$ -	
Contingency	25%		\$ 12,500.00	
Environmental	0%		\$ -	
<b>Total</b>			<b>\$</b>	<b>62,500</b>

**5th St.; Fair St.; & Costco/Walmart**

Related Roadways			Proposed Project	
5th St	Fair St	C/W	Reconfiguration	
Item Description	Quantity	Units	Price	Total
Remove Asphalt	400	SY	\$ 3.36	\$ 1,344.00
Stormwater Modifica	1	LS	\$ 28,000.00	\$ 28,000.00
Concrete Island Work	650	SY	\$ 28.00	\$ 18,200.00
Special Pavement Ma	500	SF	\$ 2.24	\$ 1,120.00
Signs	24	EA	\$ 448.00	\$ 10,752.00
Construction Signs	48	EA	\$ 71.68	\$ 3,440.64
Traffic Drums	60	EA	\$ 22.40	\$ 1,344.00
Lighting	12	EA	\$ 2,800.00	\$ 33,600.00
Traffic Control	280	HR	\$ 39.20	\$ 10,976.00
Flaggers	140	HR	\$ 44.80	\$ 6,272.00
Control Survey Stakin	1	LS	\$ 33,600.00	\$ 33,600.00
Seal Coat	6000	SY	\$ 2.24	\$ 13,440.00
<b>Subtotal:</b>				\$ 162,088.64
Mobilization	15%		\$ 24,400.00	
Engineering	30%		\$ 56,000.00	
Contingency	20%		\$ 48,500.00	
Environmental	10%		\$ 29,100.00	
<b>Total</b>			<b>\$</b>	<b>320,089</b>

**6th Street & Diagonal Street**

Related Roadways			Proposed Project		
6th St	Diagonal St		Intersection Study		
Item Description	Quantity	Units	Price	Total	
Intersection Study	1	LS	\$ 50,000.00	\$	50,000.00
<b>Subtotal:</b>				\$	50,000.00
Mobilization	0%			\$	-
Engineering	0%			\$	-
Contingency	25%			\$	12,500.00
Environmental	0%			\$	-
			<b>Total</b>	<b>\$</b>	<b>62,500</b>

**PED1: Poplar Street Sidewalk (North Side)**

PSC	Project Area		Treatment		
N/A	From Morrison to 12th Street		New Sidewalk, C+G, Ped Ramps		
Item	Quantity	Units	Price	Total	
Sidewalk, C+G	950	LF	\$ 125.00	\$	118,750.00
Ped Ramps	7	EA	\$ 4,500.00	\$	31,500.00
<b>Subtotal:</b>				\$	150,250.00
Mobilization	15%			\$	22,600.00
Engineering	30%			\$	51,900.00
Contingency	25%			\$	56,200.00
Environmental	10%			\$	28,100.00
<b>Total</b>				\$	<b>309,050</b>

**PED2: Maple Street Sidewalk (North Side)**

PSC	Project Area		Treatment		
N/A	From 13th Street to Burns		New Sidewalk, C+G, Ped Ramps		
Item	Quantity	Units	Price	Total	
Sidewalk, C+G	820	LF	\$ 125.00	\$	102,500.00
Ped Ramps	2	EA	\$ 4,500.00	\$	9,000.00
<b>Subtotal:</b>				\$	111,500.00
Mobilization	15%			\$	16,800.00
Engineering	30%			\$	38,500.00
Contingency	25%			\$	41,700.00
Environmental	10%			\$	20,900.00
<b>Total</b>				\$	<b>229,400</b>

**PED3: Burns Street Sidewalk (West Side)**

PSC	Project Area		Treatment		
N/A	From 13th Street to Burns		New Sidewalk, C+G, Ped Ramps		
Item	Quantity	Units	Price	Total	
Sidewalk, C+G	400	LF	\$ 125.00	\$	50,000.00
Ped Ramps	1	EA	\$ 4,500.00	\$	4,500.00
<b>Subtotal:</b>				\$	54,500.00
Mobilization	15%			\$	8,200.00
Engineering	30%			\$	18,900.00
Contingency	25%			\$	20,400.00
Environmental	10%			\$	10,200.00
<b>Total</b>				\$	<b>112,200</b>

**PED4: Poplar Street Sidewalk (NorthSide)**

PSC	Project Area		Treatment		
N/A	From 13th to halfway to 14th		New Sidewalk, C+G, Ped Ramps		
Item	Quantity	Units	Price	Total	
Sidewalk, C+G	670	LF	\$ 125.00	\$	83,750.00
Ped Ramps	1	EA	\$ 4,500.00	\$	4,500.00
<b>Subtotal:</b>				\$	88,250.00
Mobilization	15%			\$	13,300.00
Engineering	30%			\$	30,500.00
Contingency	25%			\$	33,100.00
Environmental	10%			\$	16,600.00
<b>Total</b>				\$	<b>181,750</b>

**PED5: 10th St (West Side), Poplar St (North Side)**

PSC		Project Area		Treatment	
N/A	From Bridge St to Poplar; Popla	New Sidewalk, C+G, Ped Ramps			
Item	Quantity	Units	Price	Total	
Sidewalk, C+G	910	LF	\$ 125.00	\$ 113,750.00	
Ped Ramps	3	EA	\$ 4,500.00	\$ 13,500.00	
<b>Subtotal:</b>				\$ 127,250.00	
Mobilization	15%			\$ 19,100.00	
Engineering	30%			\$ 44,000.00	
Contingency	25%			\$ 47,600.00	
Environmental	10%			\$ 23,800.00	
<b>Total</b>			<b>\$</b>	<b>261,750</b>	

**PED6: 12th St (West Side), Maple St (North Side; 12th to 10th)**

PSC		Project Area		Treatment	
N/A	From West side of 12th to Mapl	New Sidewalk, C+G, Ped Ramps			
Item	Quantity	Units	Price	Total	
Sidewalk, C+G	750	LF	\$ 125.00	\$ 93,750.00	
Ped Ramps	1	EA	\$ 4,500.00	\$ 4,500.00	
<b>Subtotal:</b>				\$ 98,250.00	
Mobilization	15%			\$ 14,800.00	
Engineering	30%			\$ 34,000.00	
Contingency	25%			\$ 36,800.00	
Environmental	10%			\$ 18,400.00	
<b>Total</b>			<b>\$</b>	<b>202,250</b>	

**PED7: Ash St (North Side)**

PSC		Project Area		Treatment	
N/A	From Burns St to 13th St, North	New Sidewalk, C+G, Ped Ramps			
Item	Quantity	Units	Price	Total	
Sidewalk, C+G	950	LF	\$ 125.00	\$ 118,750.00	
Ped Ramps	0	EA	\$ 4,500.00	\$ -	
<b>Subtotal:</b>				\$ 118,750.00	
Mobilization	15%			\$ 17,900.00	
Engineering	30%			\$ 41,000.00	
Contingency	25%			\$ 44,500.00	
Environmental	10%			\$ 22,300.00	
<b>Total</b>			<b>\$</b>	<b>244,450</b>	

**PED8: MCarroll St (East Side)**

PSC		Project Area		Treatment	
N/A	From Chestnut to Highland	New Sidewalk, C+G, Ped Ramps			
Item	Quantity	Units	Price	Total	
Sidewalk, C+G	2800	LF	\$ 125.00	\$ 350,000.00	
Ped Ramps	4	EA	\$ 4,500.00	\$ 18,000.00	
<b>Subtotal:</b>				\$ 368,000.00	
Mobilization	15%			\$ 55,200.00	
Engineering	30%			\$ 127,000.00	
Contingency	25%			\$ 137,600.00	
Environmental	10%			\$ 68,800.00	
<b>Total</b>			<b>\$</b>	<b>756,600</b>	

**PED9: Poplar St (North Side), 8th St (West Side)**

PSC	Project Area		Treatment		
N/A	From Poplar to 8th, 8th to Bridge		New Sidewalk, C+G, Ped Ramps		
Item	Quantity	Units	Price	Total	
Sidewalk, C+G	760	LF	\$ 125.00	\$	95,000.00
Ped Ramps	2	EA	\$ 4,500.00	\$	9,000.00
<b>Subtotal:</b>				\$	104,000.00
Mobilization	15%			\$	15,600.00
Engineering	30%			\$	35,900.00
Contingency	25%			\$	38,900.00
Environmental	10%			\$	19,500.00
<b>Total</b>				\$	<b>213,900</b>

**PED10: Poplar St (North Side; from 8th to 6th)**

PSC	Project Area		Treatment		
N/A	From 8th Street to 6th Street		New Sidewalk, C+G, Ped Ramps		
Item	Quantity	Units	Price	Total	
Sidewalk, C+G	420	LF	\$ 125.00	\$	52,500.00
Ped Ramps	3	EA	\$ 4,500.00	\$	13,500.00
<b>Subtotal:</b>				\$	66,000.00
Mobilization	15%			\$	9,900.00
Engineering	30%			\$	22,800.00
Contingency	25%			\$	24,700.00
Environmental	10%			\$	12,400.00
<b>Total</b>				\$	<b>135,800</b>

**PED11: 7th Street (East Side)**

PSC	Project Area		Treatment		
N/A	From Diagonal to Poplar St		New Sidewalk, C+G, Ped Ramps		
Item	Quantity	Units	Price	Total	
Sidewalk, C+G	880	LF	\$ 125.00	\$	110,000.00
Ped Ramps	3	EA	\$ 4,500.00	\$	13,500.00
<b>Subtotal:</b>				\$	123,500.00
Mobilization	15%			\$	18,600.00
Engineering	30%			\$	42,700.00
Contingency	25%			\$	46,200.00
Environmental	10%			\$	23,100.00
<b>Total</b>				\$	<b>254,100</b>

**PED12: 3rd Street (East Side)**

PSC	Project Area		Treatment		
N/A	From 2nd Street to SR-129		New Sidewalk, C+G, Ped Ramps		
Item	Quantity	Units	Price	Total	
Sidewalk, C+G	1410	LF	\$ 125.00	\$	176,250.00
Ped Ramps	1	EA	\$ 4,500.00	\$	4,500.00
<b>Subtotal:</b>				\$	180,750.00
Mobilization	15%			\$	27,200.00
Engineering	30%			\$	62,400.00
Contingency	25%			\$	67,600.00
Environmental	10%			\$	33,800.00
<b>Total</b>				\$	<b>371,750</b>

**PED13: 10th Street (Libby to Highland Ave)**

PSC		Project Area		Treatment	
N/A	From 2nd Street to SR-129	New Sidewalk, C+G, Ped Ramps			
Item	Quantity	Units	Price	Total	
Sidewalk, C+G	1300	LF	\$ 125.00	\$ 162,500.00	
Ped Ramps	2	EA	\$ 4,500.00	\$ 9,000.00	
<b>Subtotal:</b>				\$ 171,500.00	
Mobilization	15%			\$ 25,800.00	
Engineering	30%			\$ 59,200.00	
Contingency	25%			\$ 64,200.00	
Environmental	10%			\$ 32,100.00	
<b>Total</b>			<b>\$</b>	<b>352,800</b>	

**PED14: 13th Street (Bridge St to End)**

PSC		Project Area		Treatment	
N/A	From 2nd Street to SR-129	New Sidewalk, C+G, Ped Ramps			
Item	Quantity	Units	Price	Total	
Sidewalk, C+G	3200	LF	\$ 125.00	\$ 400,000.00	
Ped Ramps	8	EA	\$ 4,500.00	\$ 36,000.00	
<b>Subtotal:</b>				\$ 436,000.00	
Mobilization	15%			\$ 65,400.00	
Engineering	30%			\$ 150,500.00	
Contingency	25%			\$ 163,000.00	
Environmental	10%			\$ 81,500.00	
<b>Total</b>			<b>\$</b>	<b>896,400</b>	

**PED15: Levee Trail Connector (Highland Ave & 3rd St)**

PSC		Project Area		Treatment	
N/A	Highland Ave to Trail	New Asphalt Pathway			
Item	Quantity	Units	Price	Total	
Asphalt Pathway	630	SY	\$ 20.00	\$ 12,600.00	
Ped Ramps	4	EA	\$ 4,500.00	\$ 18,000.00	
<b>Subtotal:</b>				\$ 30,600.00	
Mobilization	15%			\$ 4,600.00	
Engineering	30%			\$ 10,600.00	
Contingency	25%			\$ 11,500.00	
Environmental	10%			\$ 5,800.00	
<b>Total</b>			<b>\$</b>	<b>63,100</b>	

**PED16: Beachview Park to Chesnut Beach**

PSC		Project Area		Treatment	
N/A	Beachview Park to Chestnut	New Sdewalk			
Item	Quantity	Units	Price	Total	
Asphalt Pathway	225	SY	\$ 150.00	\$ 33,750.00	
Ped Ramps	2	EA	\$ 4,500.00	\$ 9,000.00	
<b>Subtotal:</b>				\$ 42,750.00	
Mobilization	15%			\$ 6,500.00	
Engineering	30%			\$ 14,800.00	
Contingency	25%			\$ 16,100.00	
Environmental	10%			\$ 8,100.00	
<b>Total</b>			<b>\$</b>	<b>88,250</b>	

**S1: Bridge Street Corridor Study**

PSC		Project Area		Treatment	
N/A	From 15th St. to Lewiston		Corridor Study		
Item	Quantity	Units	Price	Total	
Study/Report	1	LS	\$ 75,000.00	\$	75,000.00
<b>Subtotal:</b>				\$	75,000.00
Mobilization	0%			\$	-
Engineering	0%			\$	-
Contingency	25%			\$	18,800.00
Environmental	0%			\$	-
<b>Total</b>				<b>\$</b>	<b>93,800</b>

**S2: 5th Street Corridor Study**

PSC		Project Area		Treatment	
N/A	Entire Length	Corridor Study			
Item	Quantity	Units	Price	Total	
Study/Report	1	LS	\$ 60,000.00	\$ 60,000.00	
<b>Subtotal:</b>				<b>\$ 60,000.00</b>	
Mobilization	0%		\$	-	
Engineering	0%		\$	-	
Contingency	25%		\$	15,000.00	
Environmental	0%		\$	-	
<b>Total</b>			<b>\$</b>	<b>75,000</b>	

**S3: 6th Street Speed Study**

PSC		Project Area		Treatment	
N/A	From Fair St. to SR129	Speed Study			
Item	Quantity	Units	Price	Total	
Study/Report	12	Intersect.	\$ 1,000.00	\$ 12,000.00	
<b>Subtotal:</b>				<b>\$ 12,000.00</b>	
Mobilization	0%		\$	-	
Engineering	0%		\$	-	
Contingency	25%		\$	3,000.00	
Environmental	0%		\$	-	
<b>Total</b>			<b>\$</b>	<b>15,000</b>	

**S4: 7th Street Speed Study**

PSC		Project Area		Treatment	
N/A	Entire Length	Speed Study			
Item	Quantity	Units	Price	Total	
Study/Report	14	Intersec	\$ 1,000.00	\$ 14,000.00	
<b>Subtotal:</b>				<b>\$ 14,000.00</b>	
Mobilization	0%		\$	-	
Engineering	0%		\$	-	
Contingency	25%		\$	3,500.00	
Environmental	0%		\$	-	
<b>Total</b>			<b>\$</b>	<b>17,500</b>	

**S5: 8th Street Speed Study**

PSC		Project Area		Treatment	
N/A	Entire Length	Speed Study			
Item	Quantity	Units	Price	Total	
Study/Report	10	Intersect	\$ 1,000.00	\$ 10,000.00	
<b>Subtotal:</b>				<b>\$ 10,000.00</b>	
Mobilization	0%		\$	-	
Engineering	0%		\$	-	
Contingency	25%		\$	2,500.00	
Environmental	0%		\$	-	
<b>Total</b>			<b>\$</b>	<b>12,500</b>	

**S6: Diagonal Corridor Study**

PSC		Project Area		Treatment	
N/A	From 2nd St to Chestnut	Corridor Study			
Item	Quantity	Units	Price	Total	
Study/Report	1	LS	\$ 75,000.00	\$ 75,000.00	
<b>Subtotal:</b>				\$ 75,000.00	
Mobilization	0%		\$	-	
Engineering	0%		\$	-	
Contingency	25%		\$	18,800.00	
Environmental	0%		\$	-	
<b>Total</b>			<b>\$</b>	<b>93,800</b>	

**S7: Maple Street Reclassification**

PSC		Project Area		Treatment	
N/A	From 2nd St to Chestnut	Corridor Study			
Item	Quantity	Units	Price	Total	
Reclassification	1	LS	\$ -	\$ -	
<b>Subtotal:</b>				\$ -	
Mobilization	0%		\$	-	
Engineering	0%		\$	-	
Contingency	0%		\$	-	
Environmental	0%		\$	-	
<b>Total</b>			<b>\$</b>	<b>-</b>	

**S8: Highland Avenue Corridor Study**

PSC		Project Area		Treatment	
N/A	From SR-129 to 13th Street	Corridor Study			
Item	Quantity	Units	Price	Total	
Study/Report	1	LS	\$ 60,000.00	\$ 60,000.00	
<b>Subtotal:</b>				\$ 60,000.00	
Mobilization	0%		\$	-	
Engineering	0%		\$	-	
Contingency	25%		\$	15,000.00	
Environmental	0%		\$	-	
<b>Total</b>			<b>\$</b>	<b>75,000</b>	

**S9: 13th Street Corridor Study**

PSC		Project Area		Treatment	
N/A	From Highland Ave to Fair St	Corridor Study			
Item	Quantity	Units	Price	Total	
Study/Report	1	LS	\$ 75,000.00	\$ 75,000.00	
<b>Subtotal:</b>				\$ 75,000.00	
Mobilization	0%		\$	-	
Engineering	0%		\$	-	
Contingency	25%		\$	18,800.00	
Environmental	0%		\$	-	
<b>Total</b>			<b>\$</b>	<b>93,800</b>	