

**PROPOSED
2009
CITY OF MISSOULA
PUBLIC WORKS PROJECTS**

**STREET IMPROVEMENT AND MAINTENANCE
SIDEWALK INSTALLATION AND REPLACEMENT
SANITARY AND STORM SEWER INSTALLATION**

**Presented by the
ENGINEERING DIVISION
of the
CITY OF MISSOULA
PUBLIC WORKS DEPARTMENT**



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Revised 3/25/09**

CONSTRUCTION PROJECTS

STATE MAINTENANCE and PAVEMENT PRESERVATION PROJECTS (Needs update)

STREET	LOCATION	LENGTH	CLASS	PCI
Russell Street	Longstaff to North	5 blk	ART	NA
<i>Mill, overlay and chip/seal (State Maintenance project)</i>				
South Ave	Clark to 26th (Clements)	3 blk	ART	NA
<i>Chip and Seal for restriping (State Pavement Preservation 2009)</i>				
Russell Street	Ernest to 39 th	7 blk	ART	NA
<i>Mill, overlay and chip/seal (State Pavement Preservation 2009)</i>				
Orange	Broadway to Front	1 blk	ART	75
<i>Mill, overlay and chip/seal (State Pavement Preservation 2009)</i>				
Stephens	Brooks to Mount	4 blk	ART	NA
<i>Mill, overlay and chip/seal (State Maintenance project may not be funded)</i>				
Higgins (2009)	Bridge to Broadway	3 blk	ART	79
<i>Mill, overlay and chip/seal (State Pavement Preservation 2009)</i>				
<i>City to install curbs 2010</i>				
South Ave	Bancroft to Higgins	6 blk	ART	71
<i>Mill, overlay and chip/seal (not funded at this time)</i>				
<i>Preliminary design and cost estimating work possible construction 2010-11</i>				

CITY PROJECTS: RECONSTRUCTION AND OVERLAYS *In order of priority*

Reconstruction

Lolo Street	Bridge to Rattlesnake	5 blk	COL	NA
<i>Repairs in conjunction with new curb installation</i>				
East Front	Pattee to Washington	2 blk	COL	70
<i>Reconstruct in conjunction with waterline replacement</i>				
West Pine	Hawthorn to Tracks	5 blk	MV COM	NA
<i>Repairs in conjunction with new curb installation (construct 2010)</i>				
Miller Creek	Briggs to Mockingbird	6 blk	COL	NA
<i>Utility work Rebuild and widen roadway, install round about 2010</i>				
Lower Miller Creek	Linda Vista Boul to Corner	3 blk	COL	NA
<i>Reconstruct in conjunction with new sewer installation</i>				
South 3rd	Russell to Reserve	12 blk	COL	NA
<i>RFP for engineering, Start design 2010 phase 1</i>				

Overlay/reconstruction

Slant Streets	Phase II	6 blks	LV RES	NA
<i>Repairs in conjunction with new curb installation</i>				
Rattlesnake Drive	Pineview to Stanley	2 blk	COL	NA
<i>Overlay in conjunction with new curbs and sidewalks</i>				
South 14th	Schilling to Eaton	2 blk	COL	NA
<i>Overlay in conjunction with new curbs and sidewalks</i>				
Greenough/Spruce	Madison to Waterworks Hill Rd	3 blk	COL	NA
<i>Install curbs and sidewalks in conjunction with crossing upgrade (delayed due to lack of funding)</i>				
South 6th/Shilling	Schilling to Kemp	3 blk	Gravel	NA
<i>Start design, order, Install curbs and sidewalk pave street (2010)</i>				

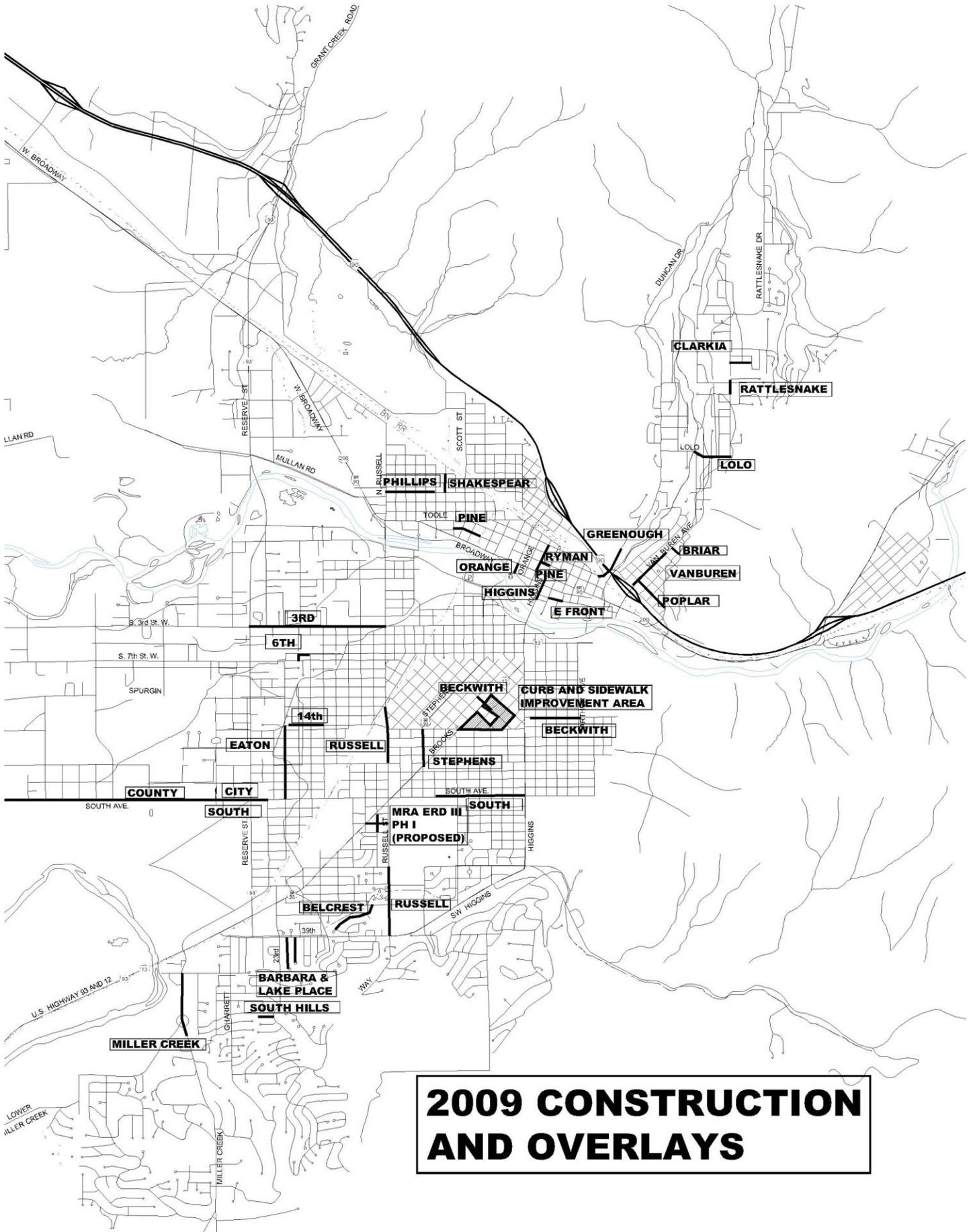
Mill and Overlay

(This list is preliminary and subject to change after evaluation of spring break up and completion of the Pavement management system inventory)

Fairview (MRA)	Brooks to Russell	2 blks	COL	75
Washburn (MRA)	Brooks to Benton	2 blks	HV COM	85
Shakespeare	Howell to Philips	1 blk	LV RES	61
2300 blk S. Hills Drive	23 rd to east end	2 blk	LV RES	64
Bellcrest	All	4 blk	LV RES	63
Poplar	Vanburen to Harrison	1 blk	LV RES	75
Briar	Harrison to East End	1 blks	LV RES	54
Barbara Lane	All	3 blks	LV RES	71
Lake Place	All	3 blks	LV RES	78
Eaton	North to 14 th	5 blks	MV RES	78
<i>Recommend section out bad areas and hold rst for future curb installation)</i>				
Pine	Higgins to Ryman	1 blk	COL	80
<i>(May be able to hold for several years with crack sealing)</i>				
Ryman	Pine to Alder	3 blk	COL	82

(May be able to hold for several years with crack sealing)

Beckwith	½ blk E. of Higgins to Brooks	4 blk	COL	81
<i>(delay for completion of curb and sidewalk work, Also will be detour for Higgins, Hill Beckwith project)</i>				
Philips	Burton to Russell	4 blks	COL	83
<i>(delay unless traffic calming project is created then overlay before island installation)</i>				



2009 CONSTRUCTION AND OVERLAYS

ANNUAL STREET MAINTENANCE PROGRAM

CHIP AND SEAL

		Centerline Miles
England Boulevard	Reserve to Flynn	.85
Flynn Lane	Mullan to Camden	.61
	<i>(Consider possible shoulder widening)</i>	
Rattlesnake Drive	Creek Crossing to City Limits	1.46
Spruce	Madison to Higgins	.53
North Higgins	Broadway to North End	.31
Scott	Broadway to Philips	.38
Philips	Scott to Russell	.68
Grove/River Road	Reserve to 3 rd	.78
S 14th	Russell to Johnson	.45
Oxford	North to Brooks	.33
North	Oxford to Russell	.09
Kent	Oxford to North	.09
Central	Oxford to Brooks	.08
McDonald	Russell to Dore	.61
Paxson	Brooks to Mall	.19
Whitaker	Mansion Heights to End	.28
Stephens	Mount to Brooks	.42
	<i>State maintenance project</i>	
Russell	Longstaff to North	.68
	<i>State maintenance project</i>	
Mansion Heights	All	2.98
Miller Creek Rd	Briggs to Brooks	.08
Orange	Broadway to Front	.20
	<i>State maintenance project</i>	
Stephens	Mount to Brooks	.38
	<i>State maintenance project</i>	

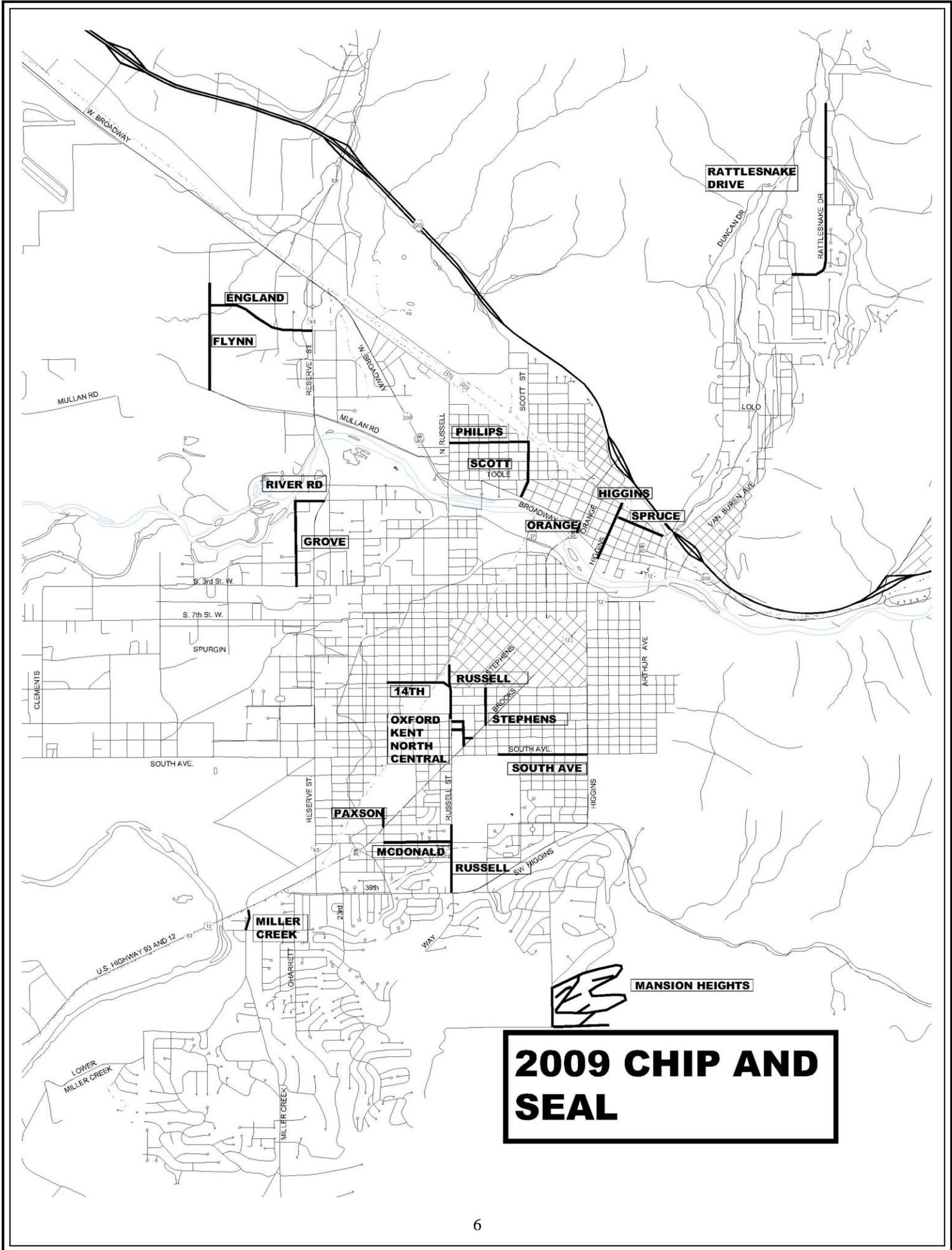
TOTAL **12.28 CL Miles**

Normal Annual Amount 7.5 CL Miles

RECLAMITE

None scheduled funding directed to additional chip and seal

(160 blocks/yr average)



2009 CHIP AND SEAL

ANNUAL SIDEWALK INSTALLATION AND REPLACEMENT PROGRAM

Install curb and sidewalk

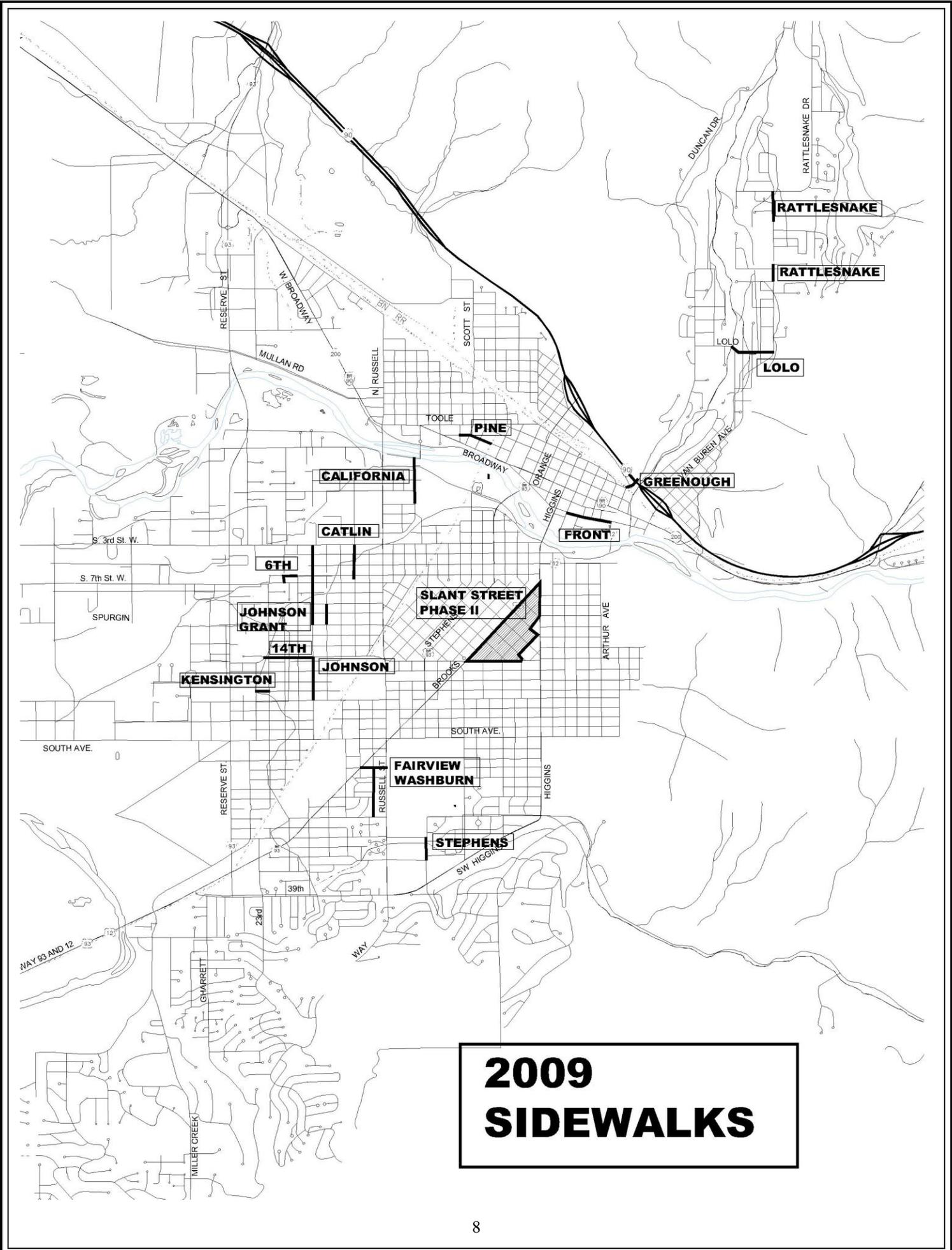
Grant	8th to 10 th <i>Connection to school from ditch crossing order 5/08</i>	4 blks
Johnson	3 rd to 11th <i>Install sidewalk order 5/08</i>	16 blks
Johnson	Mount to North <i>Install Sidewalk order 5/08</i>	12 blks
14th	Johnson to Eaton <i>Connection to school from ditch crossing order 5/07</i>	4 blks
Rattlesnake	Pineview to Stanley <i>Install new curb and sidewalk order 4/07, (installation in conjunction with subdivision improvements on east side Rattlesnake</i>	3 blk
2400 Blk Kensington	<i>Install curb and sidewalk in conjunction with development order 5/07</i>	2 blks
Spruce/Greenough/N 2nd	<i>Install new curb and sidewalk with RR crossing contract pending funding</i>	1 blk
Fairview	Brooks to Russell <i>Complete sidewalk system</i>	1blk
Washburn	Ernest to Benton <i>Complete sidewalk system on east side of road</i>	3 blk
Stephens	34 to McDonald <i>Complete sidewalk system on west side of Stephens and north side of McDonald</i>	2 blk
Slant Street Area Infill / Replacement Ph II (2009)	Higgins to Brooks <i>CTEP grant</i>	30 blks
Lolo	Bridge to Rattlesnake <i>Install curb and sidewalk on both sides of roadway</i>	10 blks
Front Street	Washington to Madison <i>Replace hazardous sidewalk</i>	6 blks

Misc Sidewalk projects to complete sidewalk systems installed by development

Install curbs and sidewalks at various locations adjacent of new development to complete system

OTHER PROJECTS STARTED OR TO BE CONSIDERED

3rd	Reserve to Russell <i>RFP, Start design, possible utility relocation, information letter</i>	24 blks
Catlin	3 rd to 7 th <i>Install curbs and sidewalks repair existing</i>	8 blks
Pine (2010)	RR Tracks to Hawthorn <i>Initiate design on north side of roadway now that Safeway is done</i>	6 blks
S34 and S35th	Reconstruct intersection	2 blks
West Broadway	California to Russell <i>Order complete design pending future changes on Broadway</i>	8 blks
California Street	River Rd to Dakota <i>Improvements to be constructed in conjunction with Mill Site improvements in 10</i>	8 blks
Rattlesnake	Brookside to Creek Crossing <i>Install new curb and sidewalk</i>	6 blks
University Area	McLeod to Beckwith <i>Sidewalk replacement and installation</i>	30 blks
S6th	Shilling to Kemp <i>Start Design for 2010 construction gravel Street</i>	4 blks
Burton	Cedar to end <i>Install new curb and sidewalk on west side in conjunction with development on eastside\</i>	1 blk



**2009
SIDEWALKS**

TRAFFIC CALMING

Philips
Pattee Canyon Drive
Pattee Creek Drive

OTHER PROJECTS TO BE CONSIDERED

Scott Street Bridge Resurfacing
Tentatively Scheduled for 2010

INTERMODAL SURFACE TRANSPORTATION EFFICIENCY ACT (ISTEA and TEA21, SAFETEA-LU) PROGRAM

COMMUNITY TRANSPORTATION ENHANCEMENT PROGRAM (CTEP) PROJECTS (WITH AGREEMENTS TO DATE) Plus SAFE ROUTES TO SCHOOLS

Milwaukee West Trail

Property Acquisition (RFP and agreement completed to WGM)

Slant Street Ph I Boulevard Preservation

Design in progress for construction 2009

Phase I and II Safe Routes to Schools Construction

*South Higgins at Paxson- School crossing bulbouts
South Higgins at Agnes-School Crossing bulbouts and island
McDonald next to baseball fields-Raised crosswalk
Johnson Street next to Franklin School- School crossing bulbouts
Hillview Way near Chief Charlo
Philips at Lowell School*

Playfair Park Sidewalk

Install sidewalks on north side of parking lots

Silver Park Trail

MRA sponsored trail in park at Millsite Development

Phase III Safe Routes to Schools Application

*Application submitted to state
Lewis and Clark School
Paxson School curb ramps*

COMMUNITY TRANSPORTATION ENHANCEMENT PROGRAM (CTEP) PROJECTS (PROPOSED) Plus SAFE ROUTES TO SCHOOLS

Bicycle Commuter Network PhIII (no work done)

Trail Construction must wait for property acquisition (see above)

North Higgins Improvements Broadway to Circle Square

Reduce project to several phases, trim design and rebid

Master Sidewalk Plan Implementation (ongoing)

MDT STATE SURFACE TRANSPORTATION PROGRAM (URBAN)

State sponsored project for improvements on designated urban highway system ranked per the transportation plan

Russell – Broadway to Mount
Design in 2010

MDT URBAN HIGHWAY IMPROVEMENT PROGRAM

URBAN HIGHWAY PILOT IMPROVEMENT PROGRAM

The following projects have been recommended by The Transportation Technical Advisory Committee and approved by the Transportation Policy Coordinating Committee and will be referred to the State Highway Commission for final approval. (listed in order of priority)

5th/6th/Arthur on hold-reviewing for public support

Dropped as federal project due to public comment

Higgins/Hill/Beckwith Round-about

Bid for construction in 2009

OTHER STATE PROJECTS

Epoxy Road Markings

Cross walks and Symbols ant selected intersections

Kent and Russell safety project

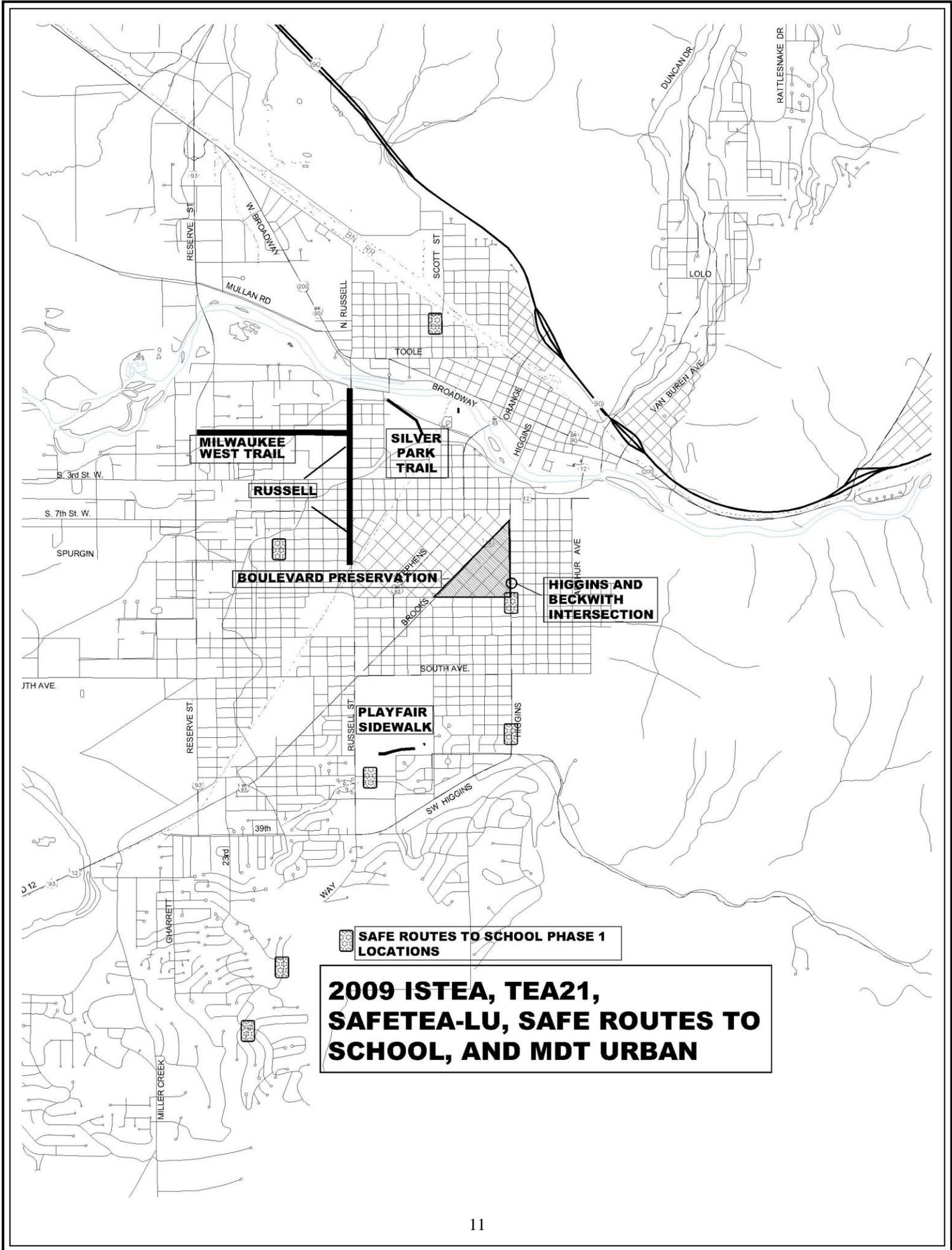
Restrict left turn west bound on Kent at Russell by installation of island

May be done in conjunction with planned improvements on Kent between Russell and Oxford

Reserve and Mullan- Double Left Turns

State project to modify turning movements northbound on Reserve to Mullan

South and Reserve – Double Left Turn Lanes installed on South Ave



SAFE ROUTES TO SCHOOL PHASE 1 LOCATIONS

**2009 ISTE A, TEA21,
SAFETEA-LU, SAFE ROUTES TO
SCHOOL, AND MDT URBAN**

SANITARY AND STORM SEWER PROJECTS

SPECIAL IMPROVEMENT DISTRICTS

SID 528 Rattlesnake Neighborhood Collection System (On hold due to lawsuit)

CITY INTERCEPTOR PROJECTS

Miller Creek Sewer

Miller Creek interceptor scheduled for summer 2009 or 2010

Wye Sewer

Install Sewer Interceptor and mains to serve Wye Area

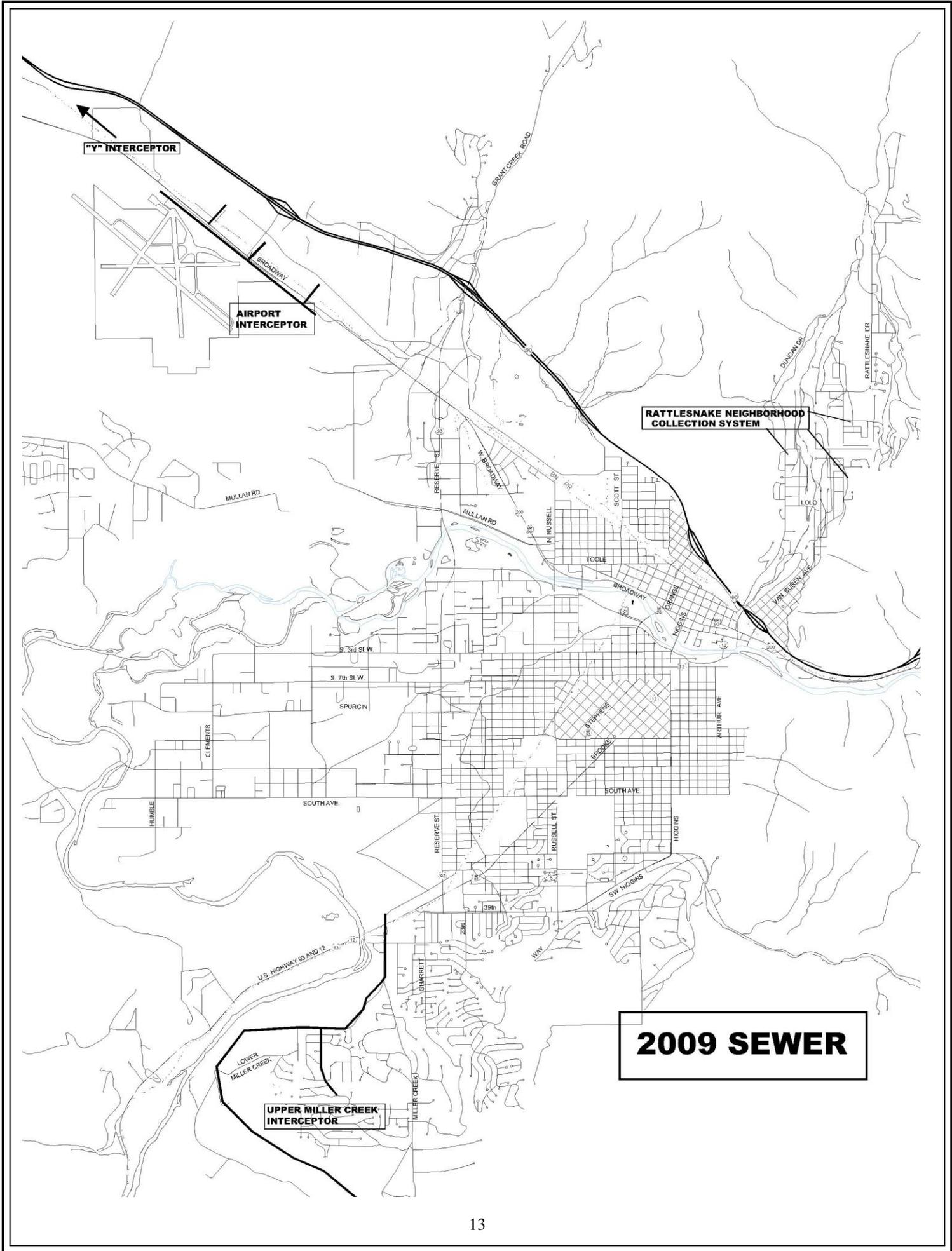
Under construction at this time

Airport Interceptor

Grant Creek to Smoke Jump Center

Design 2009

Construction 2010



2009 SEWER