

Appendix R

CATSO 2040 Long-Range Street Projects - Fiscally Constrained

Estimated
Cost

Missouri Department of Transportation (MoDOT)

Illustrative Projects (not included in budget total)

<i>New Construction</i>	
<i>Freeways/Expressways</i>	
MO 740: U.S. Highway 63 to I-70	
Estimated Cost \$68,000,000 - includes Route WW reconstruction from US 63 to the urban limit	\$68,000,000
<i>Level of Service Upgrades</i>	
<i>Interstate</i>	
Interstate 70: West urban limit to East urban limit	
Estimated cost \$270,000,000	\$270,000,000
Illustrative Projects Total	\$338,000,000

Fiscally Constrained Projects

<i>Level of Service Upgrades</i>	
<i>Freeways/Expressways</i>	
MO 740: I-70 Drive NW to Broadway (Route TT) - 3 projects	\$14,727,000
<i>Major Arterials</i>	
Route PP: Robert Ray Drive to East urban limit.	\$7,867,735
<i>Sub-total - Level of Service Upgrades</i>	<i>\$22,594,735</i>
<i>System Capital Preservation/Major Maintenance</i>	
Nineteen Projects (FY2013 through FY 2015)	\$42,889,000
Interstate 70/Garth Avenue Bridge Upgrade	\$4,637,096
Interstate 70/West Boulevard Bridge Upgrade	\$4,776,209
US 63 Outer Roadway Gans Creek Bridge Improvements	\$760,062
US 63 Outer Roadway Bonne Femme Bridge Improvements	\$1,106,886
Various Pavement Improvements on Minor Routes 2017-2021	\$5,627,544
Various Pavement Improvements on Major Routes 2017-2021	\$5,796,370
Various Pavement Improvements on Minor Routes 2022-2026	\$6,719,582
Various Pavement Improvements on Major Routes 2022-2026	\$6,921,169
Various Pavement Improvements on Minor Routes 2027-2031	\$7,789,837
Various Pavement Improvements on Major Routes 2027-2031	\$8,264,238
Various Pavement Improvements on Minor Routes 2032-2039	\$8,767,530
Various Pavement Improvements on Major Routes 2032-2039	\$9,030,556
<i>Sub-total - System Capital Preservation</i>	<i>\$113,086,080</i>

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Estimated
Cost

MoDOT Total Estimated Fiscally Constrained Project Costs **\$135,680,815**

Boone County	
Illustrative Projects (not included in budget total)	
<i>New Construction</i>	
<i>Minor Arterials</i>	
St. Charles Road: Clark Lane to Route Z	\$23,642,235
Kircher Road: Mt.Hope Road to Route HH	\$9,456,894
Providence Road: terminus to Hackberry Boulevard	\$1,260,919
Sub-Total	\$34,360,048
<i>Level of Service Upgrades</i>	
<i>Major Collectors</i>	
Akeman Bridge Road/Wilhite Road: Route J to Route VV	\$34,044,819
<i>Neighborhood Collectors</i>	
Westlake Road: Boothe Lane to Locust Grove Road	\$5,674,137
Hackberry Boulevard: Clearview Road to Providence Road	\$6,808,964
Hatten Chapel Road: Route E to Locust Grove Road	\$10,591,721
Bonne Femme Church Road: Old Highway 63 to Gans Creek Road	\$8,038,360
Sub-Total	\$65,158,001
Illustrative Projects Total	\$99,518,049
Fiscally Constrained Projects	
<i>New Construction</i>	
<i>Minor Arterials</i>	
Waco Road: Highway 63 to City limits	\$3,500,000
Gans Road: US Highway 63 to Bearfield Road (estimated for FY 2019)	\$10,162,824
<i>Neighborhood Collectors</i>	
Gans Creek Road: South extension (estimated for FY 2022)	\$987,129
<i>Others</i>	
Meyer Industrial Drive extension (completed in FY 2013)	\$1,200,000
Meyer Industrial Drive/Outer Roadway intersection (FY 2014)	\$283,250
New Construction Sub-Total	\$16,133,203

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<i>Level of Service Upgrades</i>	
<i>Minor Arterials</i>	
Highpoint Lane Bridges (Completed in FY 2013)	\$450,000
Rustic Road Bridge Replacement (FY 2014)	\$270,000
Gans Road: Bearfield Road to Providence Road (estimated for FY 2029)	\$13,657,985
<i>Level of Service Upgrade Sub-Total</i>	<i>\$14,377,985</i>
Boone County Total Estimated Fiscally Constrained Project Costs	\$30,511,188

City of Columbia	
Illustrative Projects (not included in budget total)	
<i>New Construction</i>	
<i>Major Arterials</i>	
Scott Boulevard extension and I-70 Interchange	\$68,000,000
Estimated cost - \$68,000,000	
Illustrative Projects Total	\$68,000,000
Fiscally Constrained Projects	
<i>New Construction</i>	
<i>Major Arterials</i>	
Ballenger Lane: St.Charles Road to Route 740 Ext.	\$34,214,226
Brown School Road: Creasy Springs to Providence	\$4,329,191
<i>Sub-Total</i>	<i>\$38,543,417</i>
<i>Minor Arterials</i>	
Waco Road: Brown Station Rd to Oakland Gravel Rd	\$3,558,664
Providence Road: Smiley Lane to Brown School Road	\$13,194,982
<i>Sub-Total</i>	<i>\$16,753,646</i>
<i>Major Collectors</i>	
Lake Ridgeway Drive: Clark Lane to Vandiver	\$4,884,380
Discovery Parkway: Gans to New Haven	\$7,253,123
<i>Sub-Total</i>	<i>\$12,137,503</i>
<i>Neighborhood Collectors</i>	
Southampton Drive: Sinclair Street to terminus.	\$1,798,909
Woodhaven Drive: Gans Road to Nifong Boulevard.	\$7,698,103
Woodridge Drive: St. Charles Road to terminus.	\$10,129,083

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<i>Sub-Total</i>	\$19,626,095
<i>Locals</i>	
Maguire/Warren to New Haven	\$2,541,983
<i>Sub-Total</i>	\$2,541,983
<i>New Construction Sub-total</i>	\$89,602,644
<i>Level of Service Upgrades</i>	
<i>Expressways</i>	
Stadium & Audubon Intersection	\$768,991
Stadium & Old 63 Intersection	\$462,050
<i>Sub-Total</i>	\$1,231,041
<i>Major Arterials</i>	
Broadway: Garth to West Boulevard	\$8,708,094
Nifong: Providence to Forum Boulevard	\$30,803,860
Richland Road: St. Charles to Grace	\$9,251,527
Nifong/Vawter/Old Mill Creek Intersections	\$877,394
Nifong and Sinclair Intersection	\$877,394
Providence Road Corridor - Burnam Intersection	\$2,302,211
Scott Boulevard Phase 2: Vawter to Brookview	\$5,918,781
Vandiver Drive and Paris Road(Route B)	\$100,000
<i>Sub-Total</i>	\$58,839,261
<i>Minor Arterials</i>	
Scott Boulevard: Vawter School Road to Route KK.	\$12,799,886
Fairview & Ash Intersection	\$669,663
Fairview & Chapel Hill Intersection	\$561,532
Forum & Green Meadows Intersection	\$426,994
Forum Boulevard: Chapel Hill to Woodrail	\$11,923,198
New Haven Road: Lemone to Warren	\$3,528,293
Clark Lane: Woodland Springs Ct to Ballenger	\$8,966,864
Creasy Springs Road: Bear Creek to Blue Ridge Road	\$14,210,345
Grace Lane: Richland Road to future Rte.740 extension	\$4,736,782
Vandiver and Parker Street Roundabout	\$547,494
Waco and Brown Station Intersection	\$1,103,067
<i>Sub-Total</i>	\$59,474,118
<i>Major Collectors</i>	
Bearfield Road: Nifong Boulevard to Clear Creek	\$7,203,774
Bearfield Road: Clear Creek to Gans Road	\$3,791,870
Heriford Drive: Parker to Route B	\$1,163,725
Keene Street and St. Charles Intersection	\$759,191
Brown Station Road: Starke to Route B	\$8,141,817
Rock Quarry Road: Route 740 to Route AC	\$14,802,443
Sinclair Road: Nifong south 9,400'	\$14,944,774
Sinclair Road: Route K north 6,700'	\$9,536,189
St. Charles Road: Keene to Richland	\$11,386,494

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CATSO 2040 Long-Range Street Projects - Fiscally Constrained	Estimated Cost
West Boulevard and Stewart Roundabout	\$444,073
Ash Street 4-way stop removal	\$1,776,293
<i>Sub-Total</i>	<i>\$73,950,643</i>
<i>Neighborhood Collectors</i>	
Northland Drive: Blue Ridge to Parker	\$5,373,002
Providence Road: Vandiver to Blue Ridge	\$2,401,548
<i>Sub-Total</i>	<i>\$7,774,550</i>
<i>Locals</i>	
Highview Avenue: Jewell to Jefferson	\$380,000
<i>Level of Service Upgrade Sub-total</i>	<i>\$201,649,613</i>
<i>Capital Preservation/Major Maintenance</i>	
<i>Major Arterials</i>	
Broadway, Providence to Hitt Street	\$347,000
<i>Major Collectors</i>	
Keene Street: Broadway to I-70 Drive SE	\$287,000
Green Meadows road: Skylark to Oaklawn	\$254,000
<i>Locals</i>	
Katy Lane: Forum Boulevard to Limerick	\$873,000
Rustic Road Improvement	\$100,000
Royal Lytham Drive: Glen Eagle to Chadwick	\$122,000
<i>Capital Preservation/Major Maintenance Sub-total</i>	<i>\$1,983,000</i>
<i>City of Columbia Total Estimated Fiscally Constrained Project Costs</i>	<i>\$293,235,257</i>

Total Estimated Fiscally Constrained Project Costs **\$459,427,260**
MoDOT, Boone County, and City of Columbia