

0020.190.005  
:rjm  
06/03/96

6-Yr TIP, 1997-2002

**RESOLUTION NO. 1023**

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF REDMOND, WASHINGTON, ADOPTING A SIX-YEAR TRANSPORTATION IMPROVEMENT PROGRAM AND DIRECTING THE SAME TO BE FILED WITH THE STATE SECRETARY OF TRANSPORTATION AND THE TRANSPORTATION IMPROVEMENT BOARD.

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WHEREAS, pursuant to the requirements of Chapters 35.77 and 47.26 RCW, the City Council of the City of Redmond has previously adopted a Comprehensive Street Program, including an arterial street construction program, and thereafter periodically modified said Comprehensive Street Program by resolution, and

WHEREAS, the City Council has reviewed the work accomplished under the said Program, determined current and future City street and arterial needs, and based upon these findings has prepared a Six-Year Transportation Improvement Program for the ensuing six (6) calendar years, and

WHEREAS, a public hearing has been held on the said Six-Year Transportation Improvement Program, and

WHEREAS, the City Council finds that there will be no significant adverse environmental impacts as a result of adoption or implementation of the Six-Year Transportation Improvement Program, now, therefore,

THE CITY COUNCIL OF THE CITY OF REDMOND, WASHINGTON, HEREBY RESOLVES AS FOLLOWS:

Section 1. Program Adopted. The Six-Year Transportation Improvement Program for the City of Redmond, as revised and extended for the ensuing six (6) calendar years (1997-2002, inclusive), a copy of which is attached hereto as Exhibit A and incorporated herein by this reference as if fully set forth, which Program sets forth the project location, type of improvement and the estimated cost thereof, is hereby adopted and approved.

Section 2. Filing of Program. Pursuant to Chapter 35.77 RCW, the City Clerk is hereby authorized and directed to file a copy of this resolution forthwith, together with the Exhibit attached hereto, with the Secretary of Transportation and a copy with the Transportation Improvement Board for the State of Washington.

RESOLVED this 18th day of JUNE, 1996.

APPROVED:



MAYOR, ROSEMARIE IVES

ATTEST/AUTHENTICATED:

  
CITY CLERK, BONNIE MATTSON

FILED WITH THE CITY CLERK: 06/03/96  
PASSED BY THE CITY COUNCIL: 06/18/96  
RESOLUTION NO. 1023

Note: Order of Project listing does not indicate ranking

FUNDING X \$1000

PROJ. NO.	STREET/PROJECTS	FROM	TO	START	END	OTHER	JURISD.	UN-FUNDED	C.I.P.	DEVLPR.	FEE	VEHICLE				P/W	TOTAL PROJ. COST
												REGS.	1/2 CENT	FED.	STATE TRUST FUND		

FUNDED PROJECTS																	
PROJ. NO.	STREET/PROJECTS	FROM	TO	START	END	OTHER	JURISD.	UN-FUNDED	C.I.P.	DEVLPR.	FEE	REGS.	1/2 CENT	FED.	STATE TRUST FUND	P/W	TOTAL PROJ. COST
1	E. Lake Sammamish Bike Way	187th Ave NE	Redmond Way	93	97				256,186		20.	45,157	256.				\$577,343
2	Safety Improvement @ Intersection	E. Lake Sammamish	& NE 65th St	93	97	125.			37,483	71,722		56.	264.				\$554,205
3	Misc. Engineering & Construction	Yearly to 2002		97	2002							350.					\$350,000
4	Neighborhood Traffic Control	Yearly to 2002		97	2002			300.	170.			180.					\$650,000
5	Sidewalk Improvement Program	Yearly to 2002		97	2002				703.			144.					\$847,000
6	NE 90th St Roadway Improvements	Willows Road		94	2002			4160.	2789.	140.	450.	61.					\$7,600,000
7	Redmond Sidewalk Safety & Accessibility Improvement		SR 202	94	97				143.2	3.5				400.			\$546,700
8	Bicycle Pedestrian Safety & Accessibility Improvement Project			93	97							24.	73.				\$97,000
9	NE 40th St Interchange	SR 520 Bypass		92	2001	2200.			614.	5000.	246.	140.	1700.	4100.			\$14,000,000
10	Safety Improvement @ Intersection	NE 95th St	& Willows Road	95	97				30.	70.	70.						\$170,000
11	Old Redmond Road Widening	140th Ave NE	148th Ave NE	94	97				407.		80.	213.		1840.			\$2,540,000
12	NE 85th St Resurfacing	158th Ave NE	164th Ave NE	96	97				86.				74.				\$160,000
13	Downtown Improvements			95	98				1641.		150.						\$1,791,000
14	Safety Improvement @ Intersection	NE 90th St	Red-Wood Road	96	97					190.							\$190,000
15	NE 104th St Rehabilitation	184th Ave NE	Avondale Road	97	98				400.								\$400,000
16	W. Lk. Samm. Pkwy Rehab.	South City Limits	Bel-Red Road	2000	2001				850.								\$850,000
17	Willows Road	NE 100th St	NE 116th St	95	98				5.	125.	150.				1170.		\$1,300,000
18	Safety Improvement @ Intersection	159th Place	Redmond Way	95	97												\$150,000
19	RATSAC Phase III			98	99					400.							\$400,000
20	W. Lk. Samm. Pkwy Improvements	Bel-Red Road	SR 520	2000	2002			3850.	50.	200.	1134.	766.					\$6,000,000
21	Safety Improvement @ Intersection	NE 116th St	Red-Wood Road	2002	2002							160.					\$160,000

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FUNDING X \$1000

PROJ. NO.	STREET/PROJECTS	FROM	TO	START	PROJECT END	OTHER JURISD.	UN-FUNDED	C.I.P.	DEVLPR. FEE	VEHICLE			TOTAL PROJ. COST
										REGIS.	1/2 CENT FUND	STATE TRUST FUND	
22	Traffic Signal for Peds & Equestrians	Red-Wood Rd (SR 202)	Puget Power Trail	97	97		50.						\$100,000
23	Union Hill/Avonedale Rd Intersection Rehab - Design			97	97			100.					\$100,000
24	ADA Bus Zone Improvement Program			96	97			22.		178.			\$200,000
25	Bicycle Facilities Improvement Plan			97	2002			590.					\$590,000
26	Safety Improvement @ Intersection	NE 40th St	159th Ave NE	97	98				150.				\$150,000
27	Traffic Signal Modification	Old Redmond Road	148th Ave NE	96	97				150.				\$150,000
28	Willows Road Widening	NE 90th St	NE 95th St	96	97				700.				\$700,000
29	NE 104th St Resurfacing	166th Ave NE	177th Ave NE	97	98			36.		144.			\$180,000
30	156th Ave Resurfacing	NE 31st St	NE 51st St	98	99			87.		203.			\$340,000
31	157th Ave NE	Vicinity NE 107th St		96	97			35.					\$35,000
32	132nd Ave NE Shoulder Improvements	Redmond Way	Slater Ave	96	97			200.					\$200,000
33	NE 116th St Bridge Replacement	116th Ave NE	Sammamish River	98	2002	1000.							\$2,000,000
34	NE 65th Street	186th Ave NE	188th Ave NE	96	97				956.				\$956,000
35	188th Ave NE	SR 202 (Redmond Way)	Union Hill Road	97	2002				5720.				\$5,720,000
36	150th Ave NE	NE 40th St	NE 51st St	98	99				400.				\$400,000
37	Town Center Improvements			96	97				14400.				\$14,400,000
38	NE 83rd Street	158th Ave NE	160th Ave NE	95	97				500.				\$500,000
39	Willows Road	NE 95th St	NE 100th St	96	97				1400.				\$1,400,000
40	Red-Wood Road	NE 87th St	NE 90th St	95	97				540.				\$540,000
41	160th Ave NE	NE 90th St	NE 95th St	95	97				1600.				\$1,600,000
42	Willows Road	NE 116th St	NE 124th St	96	2001	750.	1380.		2135.				\$4,265,000
43	Safety Improvement @ Intersection	NE 40th St	W Lk Samm Pkwy	97	98		150.						\$150,000

TOTALS

4075. 10890. 8701.888 34501.222 2300. 2139.167 3292. 5940. 1170. \$74,009,248

## Project Descriptions

### Six Year Transportation Improvement Program 1997-2002

- #1. East Lake Sammamish Bikeway - East Lake Sammamish Parkway 187th Avenue NE to Redmond Way (SR 202). Design and construct bikelanes on both sides of roadway.
- #2. Traffic Signal Installation - East Lake Sammamish Parkway NE ELSP at NE 65th Street. Install traffic signal with street lighting, signing, channelization.
- #3. Misc. Engineering and Construction - Various sites within City of Redmond . Miscellaneous engineering and construction projects at various sites within the City of Redmond, yearly to year 2002.
- #4. Neighborhood Traffic Control - Various sites within city. Install physical control devices in neighborhood corridors to slow and control speeding traffic, yearly to the year 2002.
- #5. Sidewalk Improvement Program - Various. Design and construct "missing links" of sidewalks adjacent to city streets, yearly to the year 2002. At the public hearing, the City Council requested that sidewalk sections selected for improvement be based on a prioritized listing. In addition the City Council recommended the installation of the following two sidewalk sections requested by citizens.
  1. NE 40th St. between 172nd Ave. NE and West Lake Sammamish Pkwy.
  2. 132nd Ave. NE on the east side lying north of Old Redmond Rd. (north of the mixed use development) to NE 70th St.
- #6. NE 90th Street Improvements - NE 90th Street, Willows Road to Red-wood Road (SR 202). Prepare a design, purchase of right-of-way and begin construction project.
- #7. Sidewalk Safety and Access Improvements - Various. Improve handicap access in the downtown area by installing sidewalk and wheelchair ramps.
- #8. Bike & Pedestrian Safety and Access Improvements - Various. Project to encourage use of the bicycle in downtown Redmond by installing bikeways and new catch basin grates in City streets.
- #9. NE 40th Street interchange (SR 520) - NE 40th Street at SR 520. Construct new interchange at this location, funding a combination of city, state, developer contributions.
- #10. Traffic Signal Installation - Willows Road at NE 95th Street. Install traffic signal with street lighting, channelization, intersection widening.

- #11. Old Redmond Road Improvements - Old Redmond Road, 140th Avenue NE to 148th Avenue NE. Reconstruct and widen to 44 feet from curb to curb with sidewalks, storm drains, street lighting, underground power, landscaping, bikeways.
- #12. NE 85th Street Resurfacing - NE 85th Street, 158th Avenue NE to 164th Avenue NE. Provide asphalt overlay on roadway.
- #13. Downtown Improvements - Various. Focal Point Redmond Way at 164th Avenue NE. Complete City Linkage System of sidewalks, landscaping, street furniture, street lighting, signing, bikeways and intersection improvements.
- #14. Traffic Signal Installation - NE 90th Street at Red-Wood Road (SR 202). Install traffic signal with street lighting, signing, channelization.
- #15. NE 104th Street Reconstruction - NE 104th Street, 184th Avenue NE to Avondale Road. Reconstruct roadway due to subgrade failure.
- #16. West Lake Sammamish Parkway Reconstruction - WLSP, South City Limits to Bell-Red Road. Reconstruct portions of roadway due to concrete slab failure plus asphalt overlay of roadway.
- #17. Willows Road Improvements - Willows Road, NE 100th Street to NE 116th Street. Minor widening to 12 ft., to construct left-turn lane with bus pull-outs and sidewalks to business driveways.
- #18. Traffic Signal Installation - Redmond Way (SR 908) at NE 159th Place NE. Install traffic signal with street lighting, signing, channelization.
- #19. Redmond Automated Traffic and Control Phase 3 - Various sites within the City. Install conduits and cables to implement Redmond Automated Traffic System and Control (RATSAC) to intertie signals and computer automation programs with other necessary equipment controlling and monitoring.
- #20. West Lake Sammamish Parkway Improvements - From Bell-Red Road to SR 520 widen roadway to meet peak traffic demands and provide pedestrian and bicycle safety. There is not sufficient amount of funding to complete this project as identified in the design report.
- #21. Safety Improvements at Intersection of NE 116th St. & Red-Wood Road - Installation of traffic signal at intersection including street lighting, signing and channelization. This installation is a needed safety improvement.
- #22. Pedestrian and Equestrian Crossing Activated Traffic Signal - Installation of activated traffic signal for safety purposes at the intersection of the Puget Power Trail and Red-Wood Road
- #23. Union Hill/Avondale Road Intersection Rehabilitation - The heavy volume of traffic including a significant amount of truck traffic has caused considerable amount of roadway failure. A design report is necessary to determine a correction to the problem.

- #24. ADA Bus-Zone Improvement - This project completes the walkway system to the downtown Redmond Park and Ride lot by installing missing and substandard sections of sidewalk, wheelchair ramps, bus stop pads and benches. The City of Redmond and METRO have applied for Federal Funding under the Central Puget Sound Public Transportation Account (CPSPTA). This project provides Americans with Disabilities Act (ADA) pedestrian access.
- #25. Bicycle Facilities Improvement Program - Installation of bicycle lanes and routes on selected streets through out City.
- #26. Safety Improvements at Intersection of NE 40th St. & 159th Ave. NE - Installation of traffic signal at intersection including street lighting, signing and channelization. This installation is necessary because of high traffic volumes exiting the development (Microsoft).
- #27. Traffic Signal Modification at Intersection of Old Redmond Road & 148th Ave. NE - Modify the traffic signal to meet increased demand by development in the OVERLAKE area.
- #28. Willow Road Widening from NE 90th St. to NE 95th St. - This roadway widening project is necessary because of the increase in left turn traffic movement from 148th Ave. NE to Willows Road.
- #29. N.E. 104th St. Resurfacing - 166th Ave. N.E. to 177th Ave. N.E. Provide asphalt overlay of roadway.
- #30. 156th Ave. Resurfacing - N.E. 31st St. to N.E. 51st St. Provide asphalt overlay of roadway.
- #31. 157th Ave NE - City share of cost of half street improvement on the east side of 157th Ave NE as developer is improving the west side. (Improvement included in CIP)
- #32. 132nd Ave NE Shoulder Improvements - 132nd Ave NE from Redmond Way to Slater Ave NE. In cooperation with City of Kirkland, install a walkway on the roadway shoulder on the east side. Project cost must be added to Capital Improvement Program (CIP).
- #33. NE 116th Bridge Replacement - In cooperation with King County share equally in the cost of the bridge replacement that spans the Sammamish River. Project is not funded.
- #34. N.E. 65th Street Improvement - New 40 foot wide roadway extension from 186th Ave. N.E. to 188th Ave. N.E. to serve South East Redmond development.
- #35. 188th Ave. N.E. Improvement - New 44 foot wide roadway extension from SR 202 (Redmond Way) to Union Hill Road.
- #36. 150th Ave. N.E. Improvement - Reconstruct roadway from N.E. 40th St. to N.E. 51st St. to provide 40 feet curb to curb width, sidewalks, lighting, etc.
- #37. Town Center Improvements - See last page for listing of specific improvements.
- #38. N.E. 83rd St. Improvement - New roadway extension from 158th Ave. N.E. to 160th Ave. N.E. to provide 48 feet curb to curb, sidewalks, lighting etc.

- #39. Willows Road Improvement - A middle two-way left turn lane will be installed from N.E. 95th St. to N.E. 100th St.
- #40. Red-Wood Road Improvement - A additional southbound lane will be installed from N.E. 87th St. to N.E. 90th St.
- #41. 160th Ave. N.E. Improvement - The new roadway extension from N.E. 90th St. to approximately N.E. 95th St. provides access to new apartments and to future roadway extension.
- #42. Willows Road - Roadway improvement from NE 116th St. to NE 124th St. is partially funded.
- #43 Traffic Signal Installation - NE 40th St. at West Lake Sammamish Pkwy. Install traffic signal with street lighting signing and channelization. This project includes relocating the Puget Power pole that blocks the site distance.

#### CURRENT TOWN CENTER IMPROVEMENTS

- 170th Place NE (North of Redmond Way) - Widen existing roadway between Redmond Way and Avondale Way to three-lanes, realign roadway to match centerline of existing 170th Place NE to south of Redmond Way.
- 170th Place NE (South of Redmond Way) - Extend 170th Place NE south from Redmond Way to new Parkway, install new traffic signal at Redmond Way/170th Place NE.
- 166th Avenue NE - Extend 166th Avenue NE south from Cleveland Street to Town Center site, install new traffic signal at Cleveland Street/166th Avenue NE, install crossing gates at railroad tracks.
- Bear Creek Parkway (a.k.a. Town Center Parkway, South Bypass) - Construct a new two-lane arterial roadway from Leary Way/162nd Ave NE to 170th Place NE with left and right turn lanes as needed at intersections, dedication of right-of-way to allow future widening of Bear Creek Parkway to five lanes.
- Sammamish River Bridge - Dedication of right of necessary to allow future construction of bridge between Bear Creek Parkway and West Lake Sammamish Parkway.
- SR 520 Eastbound Ramp - Restripe the existing ramp to allow for an exclusive left turn lane and a left turn/right turn lane, restripe West Lake Sammamish Parkway
- West Lake Sammamish Parkway(a.k.a. State Route 901) - Widen existing roadway at intersection with Leary Way to create an additional westbound through lane, add southbound right turn lane on Leary Way at intersection.



- Leary Way/162nd Avenue NE - Install new traffic signal, construct exclusive northbound right turn lane on Leary Way at intersection.
- Railroad Street - construct a new three-lane arterial roadway from Bear Creek Parkway to Leary Way, construct right turn in/right turn out only intersection at Leary Way/Railroad Street.

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June 19, 1996