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07/07/97

6-Year TIP, 1998-2003

RESOLUTION NO. 1055

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.

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 (1998-2003, 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 15th day of JULY, 1997.

APPROVED:



MAYOR, ROSEMARIE IVES

ATTEST/AUTHENTICATED:



CITY CLERK, BONNIE MATTSON

FILED WITH THE CITY CLERK: July 7, 1997
PASSED BY THE CITY COUNCIL: July 15, 1997
RESOLUTION NO. 1055

Project Description

Proposed 1998-2003

- #1. Safety Improvements at Intersection of NE 40th St. & West Lake Sammamish Parkway NE - Installation of traffic signal at intersection including street lighting, signing and channelization.
- #2. ADA Bus Zone Improvements Program - 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 received Federal Funding under the Central Puget Sound Public Transportation Account (CPSPTA). This project provides Americans with Disabilities Act (ADA) pedestrian access.
- #3. Willows 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. Project adds an 11 foot lane for double left turn movement, modifies signal at NE 90th Street, installs new traffic signal at NE 95th Street and interconnects both signals.
- #4. NE 104th Street) from 184th Avenue NE to Avondale Road. - Reconstruct roadway due to subgrade failure.
- #5. NE 104th Street Resurfacing from 166th Avenue NE to 177th Avenue NE - provide asphalt overlay of roadway.
- #6. NE 83rd Street Sidewalk / Roadway Improvements from 161st Avenue NE to the Park and Ride Parking Lot. This roadway widening and pedestrian facilities improvement will improve accessibility to the Skate Park Plaza.
- #7. Old Redmond Road Widening from 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, bike lanes.
- #8. Safety Improvements at Intersection of Willows Road and NE 95th Street. Install traffic signal with street lighting.
- #9. Traffic Signal for Pedestrians and Equestrians - Redmond Woodinville Road at Puget Sound Energy Trail.

- #10. Willows Road Improvements from NE 100th Street to NE 116th Street. Minor widening to 12 feet, to construct left-turn lane with bus pull-outs and sidewalks to business driveways.
- #11. 157th Avenue NE Improvements - City share of cost of half street improvements on the east side of 157th Avenue NE as developer is improving the west side. (improvement included in CIP).
- #12. NE 85th Street Resurfacing NE 85th Street, 158th Avenue NE to 164th Avenue NE, provide asphalt overlay on roadway.
- #13. 150th Avenue NE Improvements - Reconstruct roadway from NE 40th Street to NE 42nd Street; Add signal at 150th Avenue NE and NE 40th Street; Construct 0.4 miles of sidewalk; Provide asphalt overlay; Interconnect Traffic Signal System.
- #14. 156th Avenue NE Resurfacing from NE 31st Street to NE 51st Street, Provide asphalt overlay of roadway.
- #15. Downtown Improvements - Various sites. Focal point Redmond Way at 164th Avenue NE. Complete City Linkage System of sidewalks, landscaping, street furniture, street lighting, signing, bikeways and intersection improvements.
- #16. NE 65th Street Improvement - New 40 foot wide roadway extension from 186th Avenue NE to 188th Avenue NE to serve South East Redmond development.
- #17. NE 80th Street Improvement from NE 164th Avenue NE to 172nd Avenue NE roadway widening project includes sidewalks on both sides.
- #18. RITS (Redmond Intelligent Transportation System) - Various sites within the City. Install conduits and cables to implement Redmond Intelligent Transportation System Phase 3 (RITS Phase 3) to intertie signals and computer automation programs with other necessary equipment controlling and monitoring.
- #19. Safety Improvement at Intersection - NE 116th Street at Redmond Woodinville Road. Installation of traffic signal at intersection including street lighting, signing and channelization. This installation is a needed safety improvement.
- #20. Safety Improvement at Intersection - NE 40th Street at 159th Avenue NE. - Installation of traffic signal at intersection including street lighting, signing and channelization. This installation is necessary because of high traffic volumes exiting Microsoft.
- #21. Safety Improvement at Intersection - 156th Avenue NE at NE 45th Street. - Installation of traffic signal at intersection including street lighting, signing and channelization.

- #22. Safety Improvement at Intersection - 187th Avenue NE at Redmond Way. - Installation of traffic signal at intersection including street lighting, signing and channelization.
- #23. Safety Improvement at Intersection - 188th Avenue NE at Union Hill Road. - Installation of traffic signal at intersection including street lighting, signing and channelization. Required if new development in southeast Redmond continues.
- #24. Union Hill Road / Avondale Road Intersection Rehabilitation DESIGN - 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.
- #25. NE 40th Street Interchange at SR 520 - Construct new interchange at this location, funding a combination of City, State, and Developer contributions.
- #26. Safety Improvement at Intersection - 166th Avenue NE at NE 80th Street. Installation of traffic signal at intersection including street lighting, signing and channelization.
- #27. Safety Improvement at Intersection - 166th Avenue NE at NE 83rd Street. Installation of traffic signal at intersection including street lighting, signing and channelization.
- #28. Safety Improvement at Intersection - 180th Avenue NE at Avondale Road. Installation of traffic signal at intersection including street lighting, signing and channelization.
- #29. Safety Improvement at Intersection - Redmond Way at Bear Creek Shopping Center. Installation of traffic signal at intersection including street lighting, signing and channelization.
- #30. West Lake Sammamish Parkway NE Improvements from Marymoor Park Entrance to Leary Way. Widen roadway to meet peak traffic demands and provide pedestrian and bicycle safety. There is not sufficient amount of funding to complete this project at this time.
- #31. Safety Improvement at Intersection - 156th Avenue NE at NE 28th Street. Installation of traffic signal at intersection including street lighting, signing and channelization.
- #32. Safety Improvement at Intersection - 185th Avenue NE at Redmond Way. Installation of traffic signal at intersection including street lighting, signing and channelization.
- #33. Willows Road Improvements from NE 116th Street to NE 124th Street. - This roadway widening project is partially funded. Widen roadway to 5 lanes, including sidewalk and bike lanes.

- #34. NE 90th Street Improvements - NE 90th Street from 154th Avenue NE to 160th Avenue NE. Construct new bridge over Sammamish River and 4 - 5 lane roadway, including sidewalks, bike lanes, illumination and new traffic signals at each end.
- #35. 188th Avenue NE Improvements from Redmond Way (SR 202) to NE 68th Street. New development in the area will construct 44 foot wide roadway extension.
- #36. NE 116th Street Bridge Replacement at Sammamish River - In cooperation With King County to share equally in the cost of the bridge replacement that spans the river. Project is not funded.
- #37. Safety Improvement at Intersection - 150th Avenue NE at NE 51st Street. Installation of traffic signal at intersection including street lighting, signing and channelization.
- #38. Safety Improvement at Intersection - 158th Avenue NE at NE 85th Street. Installation of traffic signal at intersection including street lighting, signing and channelization to improve access to City Hall and Redmond Center.
- #39. Sammamish River Bridge at Puget Sound Energy Trail - Install a pedestrian and bicycle bridge that spans the Sammamish River at the Puget Sound Energy Trail (approximately NE 100th Street).
- #40. 160th Avenue NE Improvements from NE 90th Street to Redmond-Woodinville Road. New roadway extension to provide access to new apartments and to future roadway extension.
- #41. 185th Avenue NE Extension DESIGN from NE 80th Street to Union Hill Road - This design will extend 185th Avenue NE with a new connection to Union Hill Road.
- #42. West Lake Sammamish Parkway NE Improvements from Bellevue Redmond Road to Marymoor Park Entrance 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.
- #43. West Lake Sammamish Parkway NE Rehabilitation, South City Limits to Bellevue Redmond Road. Reconstruct portions of roadway due to concrete slab failure.
- #44. Pavement Management Program Maintain selected streets throughout the City by providing an asphalt roadway overlay.
- #45. Bicycle Facilities Improvement Program - Installation of bicycle lanes and routes on selected streets throughout City.
- #46. Intersection Modification Program - Modify and upgrade existing traffic signals throughout the City to improve traffic flow at intersections, yearly to 2003

- #47. Miscellaneous Engineering and Construction - Various sites within City. Miscellaneous engineering and construction projects, yearly to the year 2003.
- #48. Neighborhood Traffic Control - Various sites within City, install physical control devices in neighborhood corridors to slow and control speeding traffic, yearly to the year 2003.
- #49. Sidewalk Improvement Program - Various sites within City. Design and construct "missing links" of sidewalks adjacent to City streets, yearly to the year 2003. The Oil Rebate Student Pedestrian Program funds installation of sidewalks along school walking routes at Benjamin Rush Elementary School (195 feet) and at Norman Rockwell Elementary School (2,130 feet)
- #50. Transportation Demand Management - A program and series of projects which focus on reducing travel demand by measures which eliminate trip making or support the movement of more people in fewer vehicles
- #51. Utility Undergrounding - Undergrounding of overhead utilities such as power, telephone, television cable, yearly to the year 2003.
- #52. 152nd Avenue NE / NE 31st Street Bridge at SR 520 DESIGN - Begin the process to locate a bridge crossing over SR 520 between 148th Avenue NE and NE 40th Street.

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revised 6/26/97

Res. # 1055

SIX-YEAR TRANSPORTATION IMPROVEMENT PROGRAM

1998-2003

PROPOSED PROGRAM

DATE 7/10/97

Note: Order of Project listing does not indicate ranking

1997 FUNDING REQUESTS ★

① Projects Accepted for ISTEA Funding

② Projects Accepted for Oil Rebate Funding

③ Projects Accepted for Oil Rebate Student Pedestrian Program

④ Projects Accepted for TIB Funding

FUNDING CONTRIBUTIONS BY OTHERS

⑤ Funding by METRO

⑥ Funding by Public Works Trust Fund

⑦ Funding by WSDOT

⑧ Funding by King County

MAP REF. NO.	TFP NO.	STREET or PROJECT <i>(New Projects written in Bold Italics)</i>	FROM	TO	PROJ START	PROJ END	FUND. BY OTHER JURISD.	UN FUNDED	C.I.P.	DEVLPR.	VEHICLE REGIS. FEE	ARTERIAL STREET FUND	FEDERAL FUNDING	STATE (T.I.B.)	OTHER	TOTAL PROJ COST
1		② Safety Improvements @ Intersection	NE 40th St.	W LK Samm Pkwy	97	98			19.						171.	\$190,000
2		⑤ ADA Bus Zone Improvement Program			96	98	178.		22.							\$200,000
3		④ Willows Road Widening	NE 90th St.	NE 95th St.	96	98			105.	700.	70.			360.		\$1,235,000
4		NE 104th St. Rehabilitation	184th Ave. NE	Avondale Road	97	98			400.							\$400,000
5		NE 104th St. Resurfacing	166th Ave. NE	177th Ave. NE	97	98			36.				144.			\$180,000
6		NE 83rd Street Sidewalk/ Rdwy Widening	E of 161st Ave. NE	Park n Ride Lot	97	98			93.				57.			\$150,000
7		Old Redmond Rd Widening	140th Ave. NE	148th Ave. NE	94	98			407.	170.	80.	213.		1430.		\$2,300,000
8		Safety Improvements @ Intersection	NE 95th St.	& Willows Road	95	98			100.		70.					\$170,000
9		Traffic Signal for Peds & Equestrians	Red-Wood Rd (SR 202)	Puget Sound Energy Trail	97	98			120.							\$120,000
10		⑥ Willows Road	NE 100th St.	NE 116th St.	95	98			530.						1170.	\$1,700,000
11		157th Ave. NE	Vicinity NE 107th St.		97	98			35.							\$35,000
12		NE 85th Street Resurfacing	158th Ave NE	164th Ave NE	96	98			106.				74.			\$180,000
13		④ 150th Ave. NE	NE 40th St.	NE 42nd St.	98	99				128.				192.		\$320,000
14		156th Ave. Resurfacing	NE 31st St.	NE 51st St.	98	99			87.	50.			203.			\$340,000
15		Downtown Improvements			95	99			2041.		150.					\$2,191,000
16		NE 65th Street	186th Ave. NE	188th Ave. NE	96	99				956.						\$956,000
17		NE 80th St. Improvements	164th Ave. NE	172st Ave. NE	97	99			300.	50.						\$350,000
18		RITS (Redmond Intelligent Transportation System)			97	99			400.							\$400,000
19		Safety Improvements @ Intersection	NE 116th St.	Red-Wood Road	99	99						160.				\$160,000
20		Safety Improvements @ Intersection	NE 40th St.	159th Ave. NE	98	99				150.						\$150,000
21		Safety Improvements @ Intersection	156th Ave. NE	NE 45th St.	98	99				200.						\$200,000
22		Safety Improvements @ Intersection	187th Ave. NE	Redmond Way	98	99				200.						\$200,000
23		Safety Improvements @ Intersection	188th Ave. NE	Union Hill Rd	98	99				300.						\$300,000
24		Union Hill/Avondale Rd Intersection Rehab - Design			99	99			100.							\$100,000
25		⑦ NE 40th St. Interchange	SR 520 Bypass		92	2000	2700.		614.	6222.	246.	140.	1700.	4972.		\$16,594,000
26		Safety Improvements @ Intersection	166th Ave. NE	NE 80th St.	99	2000			192.	8.						\$200,000
27		Safety Improvements @ Intersection	166th Ave. NE	NE 83rd St.	99	2000			200.							\$200,000

SIX-YEAR TRANSPORTATION IMPROVEMENT PROGRAM

Note: Order of Project listing does not indicate ranking

1998-2003

PROPOSED PROGRAM

DATE 7/10/97

1997 FUNDING REQUESTS ★			FUNDING CONTRIBUTIONS BY OTHERS				FUNDING X \$1000									
MAP REF. NO.	TFP NO.	STREET or PROJECT <i>(New Projects written in Bold Italics)</i>	FROM	TO	PROJ START	PROJ END	FUND. BY OTHER JURISD.	UN FUNDED	C.I.P.	DEVLPR.	VEHICLE REGIS. FEE	ARTERIAL STREET FUND	FEDERAL FUNDING	STATE (T.I.B.)	OTHER	TOTAL PROJ COST
28	097	Safety Improvements @ Intersection	180th Ave. NE	Avondale Rd	99	2000				180.						\$180,000
29		Safety Improvements @ Intersection	Redmond Way	Bear Ck Shop Cntr	99	2000				200.						\$200,000
30	084	W Lk Sammamish Pkwy NE (Improv)	Marymoor Park Entrance	Leary Way	99	2001		1361.		140.			399.			\$1,900,000
31		Safety Improvements @ Intersection	156th Ave. NE	NE 28th St.	2000	2001				200.						\$200,000
32	058	Safety Improvements @ Intersection	185th Ave. NE	Redmond Way	2000	2001			148.	52.						\$200,000
33	102	Willows Road	NE 116th St.	NE 124th St.	98	2001	750.	1380.		2135.						\$4,265,000
34	046	NE 90th St. Roadway Improvements	154th Ave. NE	160th Ave. NE	94	2001		2610.	4964.	17.					190.	\$8,700,000
35	117	188th Ave. NE	SR 202 (Redmond Way)	NE 68th St.	97	2002				3650.						\$3,650,000
36		NE 116th St. Bridge Replacement	NE 116th St. @	Sammamish River	98	2002	1500.	1500.								\$3,000,000
37	064	Safety Improvements @ Intersection	150th Ave. NE	NE 51st St.	2001	2002				200.						\$200,000
38	377	Safety Improvements @ Intersection	158th Ave. NE	NE 85th St.	2001	2002		200.								\$200,000
39		Sammamish River Pedestrian Bridge	Puget Sound Energy Trail		2001	2002			250.							\$250,000
40	072	160th Ave. NE	NE 90th St.	Red-Wood Road (SR202)	95	2003		4800.		7200.						\$12,000,000
41	112	185th Ave. NE Extension DESIGN	NE 80th St.	Union Hill Rd	2003	2003		300.								\$300,000
42	045	W. Lk. Samm. Pkwy Improvements	Bel-Red Road	Marymoor Park Entrance	2000	2003	65.	3637.	304.	348.	1196.	450.				\$6,000,000
43		W LSP Rehabilitation	South City Limits	Bel-Red Road	99	2003			611.			239.				\$850,000
44		Pavement Management Program	Yearly to 2003	\$300,000/yr	98	2003			1800.							\$1,800,000
45	908	Bicycle Facilities Improvement Program	Yearly to 2003	100,000/yr	98	2003			600.							\$600,000
46		Intersection Modification Program	Yearly to 2003	50,000/yr	98	2003			300.							\$300,000
47	902	Misc./ Advanced Engineering & Construction	Yearly to 2003	50,000/yr	98	2003						300.				\$300,000
48	901	Neighborhood Traffic Control	Yearly to 2003	88,500/yr	98	2003			298.			233.				\$531,000
49		Sidewalk Improvement Program	Yearly to 2003	115,000/yr	98	2003			650.						40.	\$690,000
50	909	Transportation Demand Management	Yearly to 2003	35,000/yr	98	2003			210.							\$210,000
51		Utility Undergrounding	Yearly to 2003	100,000/yr	98	2003			600.							\$600,000
52		152nd Ave. NE / NE 31st St. Bridge @ SR 520 (DESIGN)	Yearly to 2003		2003	2005		500.								\$500,000
GRAND TOTALS							5193.	16288.	16642.	23456.	2653.	1813.	2577.	6954.	1571.	\$77,147,000



- Street / Walkway Improvement
- - - City Limit Line
- Intersection Improvement
- ⑱ Reference Number

CITY OF REDMOND



**6 YEAR
TRANSPORTATION
IMPROVEMENT
PROGRAM
1998 - 2003**

0 1000' 2000' 3000'

This map is for information purposes. It is intended to assist in showing street locations and is not guaranteed to be accurate or complete. There could have been updates since the publication of this map. The City of Redmond will not be responsible for reproductions of this map.