

**CITY OF SAN DIEGO
FACILITIES FINANCING PROGRAM**

PROJECT: 34-80
COUNCIL DISTRICT: 5
COMMUNITY PLAN: SMR

TITLE: MIRAMAR WATER TREATMENT PLANT - UPGRADE AND EXPANSION

DEPARTMENT: PUBLIC UTILITIES

FUNDING:	SOURCE	EXPEN/ENCUM	CONT APPROP	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021-2025
120,472,455	WATER	120,472,455							
120,472,455	TOTAL	120,472,455	0	0	0	0	0	0	0

DESCRIPTION:

THIS PROJECT PROVIDES FOR UPGRADES TO AND EXPANSION OF THE MIRAMAR WATER TREATMENT PLANT, INCLUDING CONSTRUCTION OF STATE-OF-THE-ART FILTERS, RAPID MIX AND DE-AERATION FACILITIES, CHLORINE AND CHEMICAL FACILITIES, FOUR FLOCCULATION AND SEDIMENTATION BASINS, AN OZONE STRUCTURE WITH GENERATION EQUIPMENT, SITE PAVING, LANDSCAPING, AND AN ADMINISTRATION BUILDING.

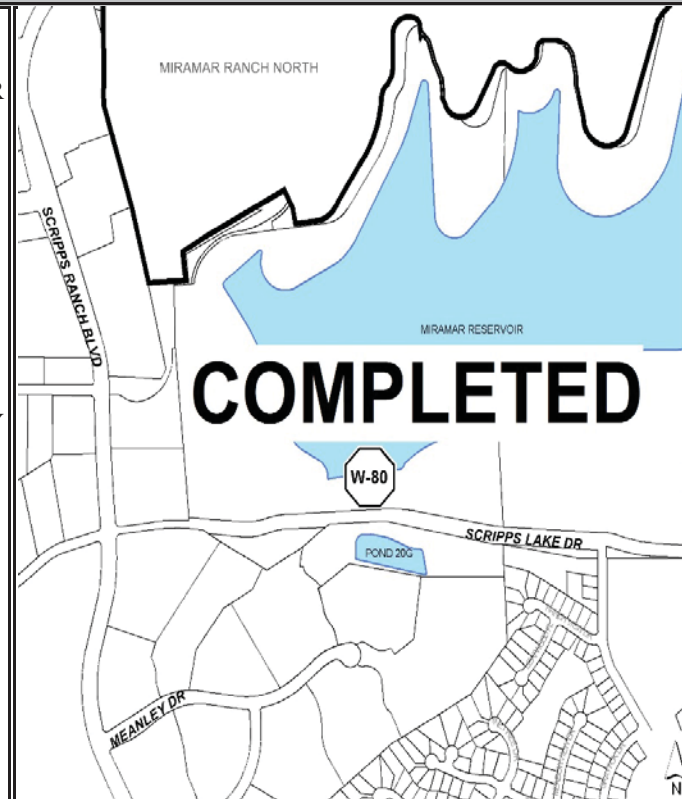
JUSTIFICATION:

THE SAFE DRINKING WATER ACT MANDATED BY THE ENVIRONMENTAL PROTECTION AGENCY AND THE DEPARTMENT OF HEALTH, DICTATES THE NEED TO UPGRADE THE EXISTING TREATMENT PLANT. INCREASING DEMANDS ON THE PLANT BY THE RAPIDLY GROWING NORTH CITY AREA ALSO NECESSITATES ITS EXPANSION. THIS PROJECT IS CONSISTENT WITH THE SCRIPPS MIRAMAR RANCH COMMUNITY PLAN, AND IS IN CONFORMANCE WITH THE CITY'S GENERAL PLAN.

SCHEDULE:

DESIGN BEGAN IN FISCAL YEAR 1997 AND CONTINUED THROUGH SUBSEQUENT PHASES OF WORK. CONSTRUCTION BEGAN ON THE INITIAL PHASE OF WORK IN FISCAL YEAR 2001. ALL SUB-PHASES ARE COMPLETED.

CIP NO: 73-284.0/S-00024



**CITY OF SAN DIEGO
FACILITIES FINANCING PROGRAM**

PROJECT: 34-81A
COUNCIL DISTRICT: 5
COMMUNITY PLAN: SMR

TITLE: MIRAMAR PIPELINE MONITORING & RE-INSPECTION

DEPARTMENT: PUBLIC UTILITIES

FUNDING:	SOURCE	EXPEN/ENCUM	CONT APPROP	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021-2025
1,214,168	WATER	1,214,168							
1,214,168	TOTAL	1,214,168	0	0	0	0	0	0	0

DESCRIPTION:

THIS PROJECT PROVIDES FOR MONITORING AND REINSPECTION OF 26,870 LINEAR FEET OF EXISTING PRE-STRESSED CONCRETE CYLINDER PIPE ON MIRA MESA BOULEVARD FROM PACIFIC HEIGHTS BOULEVARD EASTWARD TO THE MIRAMAR WATER TREATMENT PLANT. A PIPELINE CONDITION ASSESSMENT WILL BE PERFORMED PRIOR TO INITIATING DESIGN.

JUSTIFICATION:

THESE IMPROVEMENTS ARE NECESSARY TO PREVENT WATER PIPE BREAKS AND TO INSURE A CONTINUOUS WATER SUPPLY TO THE MIRA MESA COMMUNITY. THIS PROJECT IS CONSISTENT WITH THE MIRA MESA COMMUNITY PLAN, AND IS IN CONFORMANCE WITH THE CITY'S GENERAL PLAN.

SCHEDULE:

MAJOR PIPELINE INSPECTIONS BEGAN IN FISCAL YEAR 2005 AND WERE SCHEDULED TO BE COMPLETED IN FISCAL YEAR 2008 FOLLOWING CONSTRUCTION OF THE BLACK MOUNTAIN ROAD PIPELINE PROJECTS (CIP 70-945.0 AND CIP 73-341.0). THE MIRAMAR PIPELINE RE-INSPECTION BEGAN IN FY 2011 AND WAS SCHEDULED TO BE COMPLETED IN FY 2012.

NOTES:

THIS PROJECT REPLACED THE PROJECT FORMERLY TITLED MIRAMAR PIPELINE IMPROVEMENTS - PHASES III AND IV (CIP 70-910.5),

CIP NO: 70-910.5/70-910.7/S-00083



**CITY OF SAN DIEGO
FACILITIES FINANCING PROGRAM**

PROJECT: 34-81B
COUNCIL DISTRICT: 5
COMMUNITY PLAN: SMR

TITLE: **MIRAMAR PIPELINE IMPROVEMENTS-PHASE IV**

DEPARTMENT: PUBLIC UTILITIES

FUNDING:	SOURCE	EXPEN/ENCUM	CONT APPROP	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021-2025
	WATER-R								
	TOTAL								

DESCRIPTION:

THIS PROJECT PROVIDES FOR REPLACING OR REHABILITATING 12,470 LINEAR FEET OF EXISTING 51-INCH DIAMETER PRESTRESSED CONCRETE CYLINDER PIPE ALONG MIRA MESA BOULEVARD AND SCRIPPS LAKE DRIVE. THE DECISION TO REPLACE OR REHABILITATE WILL BE MADE BASED ON A CONDITION ASSESSMENT OF THE PIPELINE INCLUDING A PHYSICAL INSPECTION.

JUSTIFICATION:

THESE IMPROVEMENTS ARE NECESSARY TO PREVENT WATER PIPE BREAKS AND TO INSURE A CONTINUOUS WATER SUPPLY TO THE MIRA MESA COMMUNITY. THIS PROJECT IS CONSISTENT WITH THE MIRA MESA COMMUNITY PLAN, AND IT IS IN CONFORMANCE WITH CITY'S GENERAL PLAN GUIDELINES.

SCHEDULE:

THIS PROJECT WAS COMBINED WITH PROJECT 34-81A IN FISCAL YEAR 2007.

CIP NO: 70-910.5

DELETED

**CITY OF SAN DIEGO
FACILITIES FINANCING PROGRAM**

PROJECT: 34-82
COUNCIL DISTRICT: 5, 7
COMMUNITY PLAN: SMR

TITLE: POMERADO PIPELINE NO. 2

DEPARTMENT: PUBLIC UTILITIES

FUNDING:	SOURCE	EXPEN/ENCUM	CONT APPROP	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021-2025
8,586	WATER-R	8,586							
8,586	TOTAL	8,586	0	0	0	0	0	0	0

DESCRIPTION:

THIS PROJECT PROVIDES FOR NEGOTIATING AN AGREEMENT WITH THE SAN DIEGO COUNTY WATER AUTHORITY FOR THE DISPOSITION OF THE CITY'S SHARE OF THE POMERADO PIPELINE.

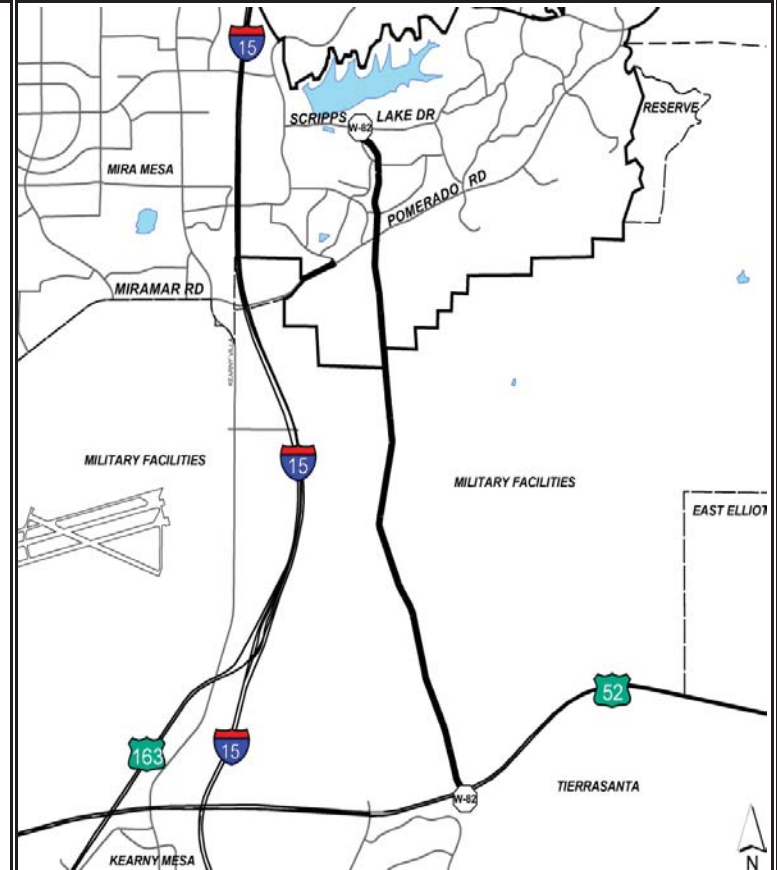
JUSTIFICATION:

THE CITY AND THE SAN DIEGO COUNTY WATER AUTHORITY JOINTLY OWN THE POMERADO PIPELINE. THE AGREEMENT WILL DETERMINE THE LONG-TERM DISPOSITION OF THE PIPELINE. NEGOTIATIONS WITH THE SAN DIEGO COUNTY WATER AUTHORITY ARE EXPECTED TO CONTINUE THROUGH 2014. THIS PROJECT IS CONSISTENT WITH THE SCRIPPS MIRAMAR RANCH COMMUNITY PLAN AND IS IN CONFORMANCE WITH THE CITY'S GENERAL PLAN.

SCHEDULE:

NEGOTIATIONS WITH THE SAN DIEGO COUNTY WATER AUTHORITY ARE SCHEDULED ON A PRIORITY BASIS. PROJECT DELAYED UNTIL AFTER FISCAL YEAR 2016.

CIP NO: 73-248.0/S-00072



**CITY OF SAN DIEGO
FACILITIES FINANCING PROGRAM**

PROJECT: 34-83
COUNCIL DISTRICT: 5
COMMUNITY PLAN: SMR

TITLE: MIRAMAR ROAD SUBSYSTEM EXTENSION

DEPARTMENT: PUBLIC UTILITIES

FUNDING:	SOURCE	EXPEN/ENCUM	CONT APPROP	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021-2025
9,594,686	WATERE-C	9,594,686							
9,594,686	TOTAL	9,594,686	0	0	0	0	0	0	0

DESCRIPTION:

THIS PROJECT PROVIDED FOR SUPPLYING IDENTIFIED USERS WITH TITLE 22 RECLAIMED WATER FROM THE NORTH CITY WATER RECLAMATION PLANT.

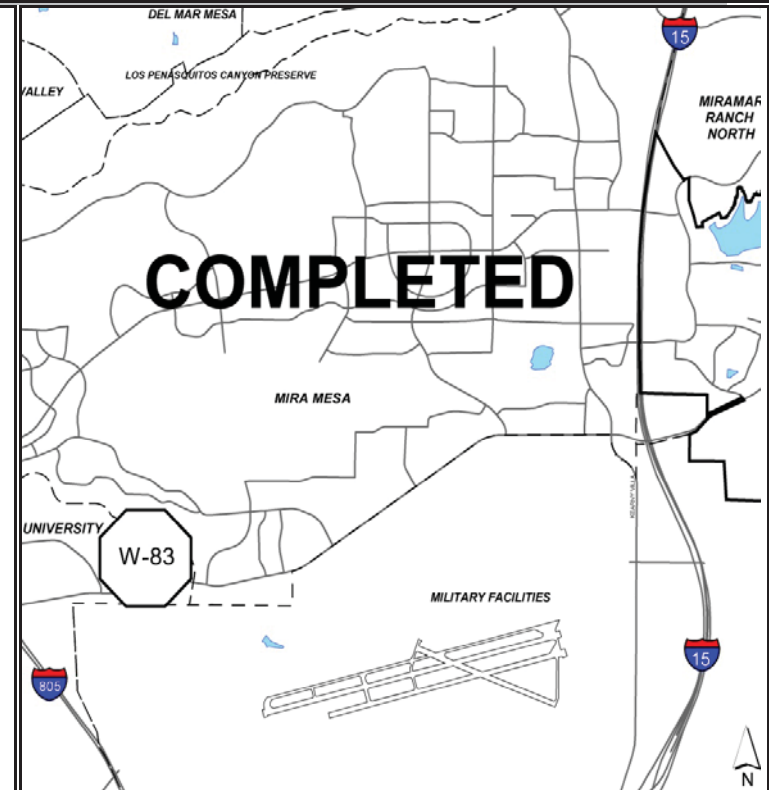
JUSTIFICATION:

ONE OF THE REQUIREMENTS OF THE PROPOSED CONSENT DECREE AGREEMENT BETWEEN THE CITY, STATE AND ENVIRONMENTAL PROTECTION AGENCY (EPA) IS THE BENEFICIAL USE OF TITLE 22 RECLAIMED WATER. THIS PROJECT WAS CONSISTENT WITH THE MIRA MESA AND SCRIPPS MIRAMAR RANCH COMMUNITY PLANS, AND WAS IN CONFORMANCE WITH THE CITY'S GENERAL PLAN GUIDELINES.

SCHEDULE:

PROJECT WAS COMPLETED IN FISCAL YEAR 2000.

CIP NO: 70-916.0



**CITY OF SAN DIEGO
FACILITIES FINANCING PROGRAM**

PROJECT: 34-84
COUNCIL DISTRICT: 5
COMMUNITY PLAN: SMR

TITLE: MIRAMAR STORAGE TANK AND RAW WATER CONNECTION

DEPARTMENT: PUBLIC UTILITIES

FUNDING:	SOURCE	EXPEN/ENCUM	CONT APPROP	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021-2025
13,078,005	WATERE-C	13,078,005							
13,078,005	TOTAL	13,078,005	0	0	0	0	0	0	0

DESCRIPTION:

THIS PROJECT PROVIDED FOR SUPPLYING IDENTIFIED USERS WITH TITLE 22 RECLAIMED WATER FROM THE NORTH CITY WATER RECLAMATION PLANT.

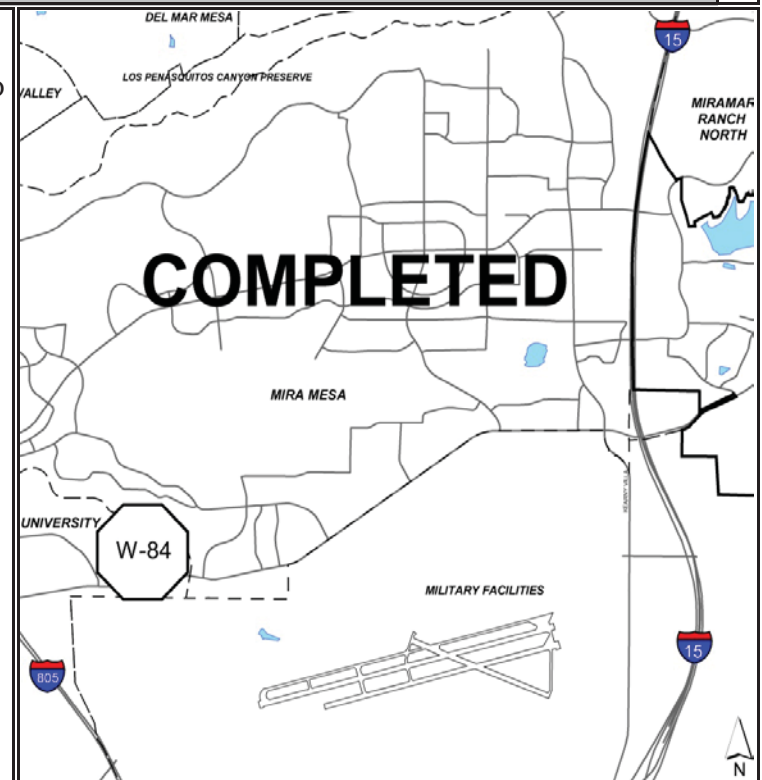
JUSTIFICATION:

ONE OF THE REQUIREMENTS OF THE PROPOSED CONSENT DECREE AGREEMENT BETWEEN THE CITY, STATE AND ENVIRONMENTAL PROTECTION AGENCY (EPA) IS THE BENEFICIAL USE OF TITLE 22 RECLAIMED WATER. THIS PROJECT WAS CONSISTENT WITH THE MIRAMAR RANCH NORTH AND SCRIPPS MIRAMAR RANCH COMMUNITY PLANS, AND WAS IN CONFORMANCE WITH THE CITY'S GENERAL PLAN GUIDELINES.

SCHEDULE:

PROJECT WAS COMPLETED IN FISCAL YEAR 2000.

CIP NO: 70-917.0



**CITY OF SAN DIEGO
FACILITIES FINANCING PROGRAM**

PROJECT: 34-85
COUNCIL DISTRICT: 5
COMMUNITY: SMR

TITLE: SCRIPPS RANCH BOULEVARD/I-15 SUBSYSTEM

DEPARTMENT: PUBLIC UTILITIES

FUNDING:	SOURCE	EXPEN/ENCUM	CONT APPROP	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021-2025
6,638,588	WATERE-C	6,638,588							
6,638,588	TOTAL	6,638,588	0	0	0	0	0	0	0

DESCRIPTION:

THIS PROJECT PROVIDED FOR SUPPLYING IDENTIFIED USERS WITH TITLE 22 RECLAIMED WATER FROM THE NORTH CITY WATER RECLAMATION PLANT.

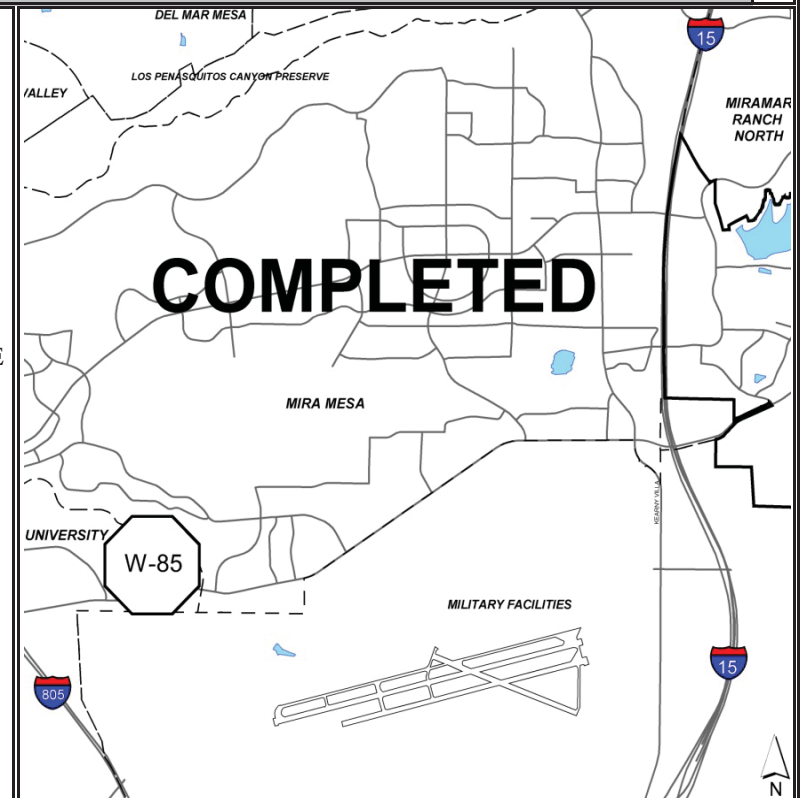
JUSTIFICATION:

ONE OF THE REQUIREMENTS OF THE PROPOSED CONSENT DECREE AGREEMENT BETWEEN THE CITY, STATE AND ENVIRONMENTAL PROTECTION AGENCY (EPA) IS THE BENEFICIAL USE OF TITLE 22 RECLAIMED WATER. THIS PROJECT WAS CONSISTENT WITH THE MIRAMAR RANCH NORTH AND SCRIPPS MIRAMAR RANCH COMMUNITY PLANS, AND WAS IN CONFORMANCE WITH THE CITY'S GENERAL PLAN GUIDELINES.

SCHEDULE:

PROJECT WAS COMPLETED IN FISCAL YEAR 2000.

CIP NO: 70-918.0



**CITY OF SAN DIEGO
FACILITIES FINANCING PROGRAM**

PROJECT: 34-86
COUNCIL DISTRICT: 5
COMMUNITY PLAN: RB

TITLE: BLACK MOUNTAIN ROAD PIPELINE

DEPARTMENT: PUBLIC UTILITIES

FUNDING:	SOURCE	EXPEN/ENCUM	CONT APPROP	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021-2025
22,366,431	WATER-E	22,366,431							
22,366,431	TOTAL	22,366,431	0	0	0	0	0	0	0

DESCRIPTION:

THIS PROJECT PROVIDES APPROXIMATELY FIVE MILES OF 42- AND 48-INCH POTABLE WATER PIPELINE ALONG SCRIPPS RANCH BLVD., MIRA MESA BLVD., WESTVIEW PKWY., BLACK MOUNTAIN RD., TWIN TRAILS DR. AND CARMEL MOUNTAIN RD.

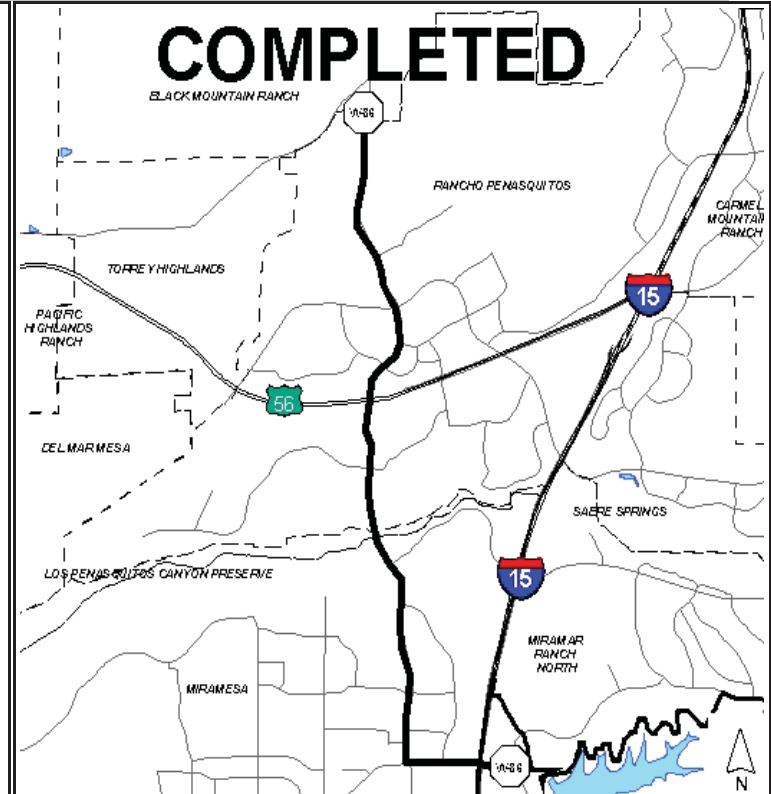
JUSTIFICATION:

THE BLACK MOUNTAIN ROAD PIPELINES PROJECT CONSISTS OF A POTABLE WATER PIPELINE AND A RECLAIMED WATER PIPELINE (CIP 70-954.0). THE POTABLE WATER PIPELINE WILL BE DESIGNED AND BUILT AS A PRIMARY TRANSMISSION FACILITY TO CONVEY ADDITIONAL LOCALLY TREATED POTABLE WATER FROM THE MIRAMAR WATER TREATMENT PLANT TO THE NORTHERN REGION OF THE CITY, MAINLY THE COMMUNITIES OF RANCHO BERNARDO, RANCHO PENASQUITOS AND DEL MAR TO MEET THE CURRENT AND FUTURE DEMANDS. THIS PROJECT IS CONSISTENT WITH THE RANCHO BERNARDO COMMUNITY PLAN, AND IT IS IN CONFORMANCE WITH THE CITY'S GENERAL PLAN GUIDELINES.

SCHEDULE:

PROJECT WAS COMPLETED IN FISCAL YEAR 2006.

CIP NO: 73-341.0



**CITY OF SAN DIEGO
FACILITIES FINANCING PROGRAM**

PROJECT: 34-87
COUNCIL DISTRICT: 5
COMMUNITY PLAN: MM

TITLE: MIRAMAR ROAD PIPELINE

DEPARTMENT: PUBLIC UTILITIES

FUNDING:	SOURCE	EXPEN/ENCUM	CONT APPROP	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021-2025
11,867,568	WATER-R	11,867,568							
11,867,568	TOTAL	11,867,568	0	0	0	0	0	0	0

DESCRIPTION:

THIS PROJECT PROVIDES 24,000 LINEAR FEET OF 36-INCH DIAMETER PIPE ALONG MIRAMAR ROAD TO PARALLEL THE EXISTING 16-INCH MIRAMAR ROAD PIPELINE, AND 2,200 LINEAR FEET OF 36-INCH DIAMETER PIPE ALONG SCRIPPS LAKE DRIVE EAST OF INTERSTATE 15.

JUSTIFICATION:

LACKING CAPACITY IN ITS TRANSMISSION INFRASTRUCTURE TO DELIVER TREATED WATER TO THE FARTHEST REACHES OF ITS EXPANSIVE SERVICE AREA, THE SERVICE AREA OF THE MIRAMAR TREATMENT PLANT IS, AND INCREASINGLY WILL BE, CRITICALLY RELIANT UPON IMPORTED FILTERED WATER SUPPLIES. FOUR EXISTING CONNECTIONS TO THE SAN DIEGO COUNTY WATER AUTHORITY'S IMPORTED FILTERED WATER AQUEDUCT SYSTEM-THREE IN THE NORTH AND ONE NEAR TIERRASANTA-CURRENTLY SUPPLY TO THE MIRAMAR SYSTEM OVER 33% OF ITS SUMMER DAILY DEMANDS. IT IS THE GOAL OF BOTH THE CITY AND THE SAN DIEGO COUNTY WATER AUTHORITY TO DISSOLVE THE CITY'S RELIANCE UPON IMPORTED TREATED WATER SUPPLIES. THE EXISTING TRANSMISSION INFRASTRUCTURE HAS BEEN UPGRADED TO ALLOW FULL SERVICE FROM THE EXISTING MIRAMAR TREATMENT PLANT. THIS PROJECT IS CONSISTENT WITH THE MIRA MESA COMMUNITY PLAN, AND IT IS IN CONFORMANCE WITH THE CITY'S GENERAL PLAN GUIDELINES.

SCHEDULE:

DESIGN BEGAN IN FISCAL YEAR 2000 AND WAS COMPLETED IN FISCAL YEAR 2001. CONSTRUCTION BEGAN IN FISCAL YEAR 2001 AND WAS COMPLETED IN FISCAL YEAR 2003.

CIP NO: 70-945.0

