

**City of Garden Grove**

**INTER-DEPARTMENT MEMORANDUM**

To:	Matthew J. Fertal	From:	William E. Murray, Jr.
Dept.:	City Manager	Dept.:	Public Works
Subject:	ADOPTION OF RENEWED MEASURE M SEVEN-YEAR CAPITAL IMPROVEMENT PROGRAM (CIP), AND RESOLUTION CONFIRMING COMPLIANCE WITH THE MASTER PLAN OF ARTERIAL HIGHWAYS (MPAH).	Date:	June 14, 2011

OBJECTIVE

To comply with Renewed Measure M (M2) requirements by amending the FY10-11 M2 Seven-Year Capital Improvement Program, adopting the FY11-12 M2 Seven-Year Capital Improvement Program, adopting the Resolution for Master Plan of Arterial Highways (MPAH) consistency and certifying the Maintenance of Effort (MOE) reporting form.

BACKGROUND

In November 2006, Orange County voters approved the renewal of Measure M for the next thirty years in order to meet the expected regional growth and continue the investment in the County's infrastructure. As in prior years, each local agency is required to submit approved documentation to the Orange County Transportation Authority (OCTA) to maintain Measure M2 eligibility for Local Fair Share appropriations and competitive funding.

DISCUSSION

Renewed Measure M requires that each jurisdiction maintain a minimum level of local streets and roads expenditure to conform to the MOE requirement. The annual MOE benchmark for Garden Grove is \$2,732,000. The City has been able to meet this expenditure goal in previous years; however, any General Fund reductions would jeopardize our eligibility.

Eligibility determination is made on an annual basis based upon satisfactory submittal of specified documentation due to OCTA June 30 of every year. The required information is as follows:

RENEWED MEASURE M ANNUAL COMPLIANCE

June 14, 2011

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- Amended FY10-11 Measure M2 Seven-Year Capital Improvement Program
- FY11-12 Measure M2 Seven-Year Capital Improvement Program
- Resolution regarding Master Plan of Arterial Highway (MPAH) Consistency
- Maintenance of Effort (MOE) Reporting Form
- Updated Pavement Management Plan (PMP) Certification Form

All documentation has been compiled to meet all of the requirements set forth by Measure M2 provisions and OCTA.

FINANCIAL IMPACT

In Fiscal Year 2011-12, the City is expected to receive \$2.2 million in Measure M2 contributions. Non-compliance with Measure M2, such as not meeting the MOE will disqualify the City for Local Fair Share as well as for competitive funding.

RECOMMENDATION

It is recommended that the City Council:

- Approve the amended the FY10-11 Measure M2 Seven-Year Capital Improvement Program;
- Adopt the FY11-12 Measure M2 Seven-Year Capital Improvement Program;
- Adopt the Master Plan of Arterial Highways Resolution; and
- Authorize the Public Works Director to certify compliance with OCTA's Maintenance of Effort requirements

  
WILLIAM E. MURRAY, JR.  
Public Works Director/City Engineer

By: Ana Ramirez  
Administrative Aide

Attachment 1: Amended FY10-11 Measure M2 Seven-Year Capital Improvement Program

Attachment 2: FY11-12 Measure M2 Seven-Year Capital Improvement Program

Attachment 3: Master Plan of Arterial Highways Resolution

Attachment 4: Maintenance of Effort Certification

**Recommended for Approval**

  
**Matthew Fertal**  
City Manager

**Measure M Growth Management Program  
Congestion Management Program**

Seven Year Capital Improvement Program (Sorted by Name)  
Fiscal Years 2010/2011 through 2016/2017

Fund Name	Percent	Estimated Cost	Projected Cost	Explain/Other
Turnback	30.00%	36,000	36,000	
Other	70.00%	84,000	84,000	State Safe Routes 2 School Grant
	<b>100.00%</b>	<b>\$120,000</b>	<b>\$120,000</b>	

**Agency:** Garden Grove  
**Project Number:** n/a  
**Project Name:** 7113-New Traffic Signals  
**Project Limits/Loc:** Pedestrian-actuated traffic signal and traffic signal modifications citywide

**Type Of Work:** Traffic Signals  
**Additional TOW:** install new traffic signal and equipment  
**Project Description:** Project includes installation of eight Safe Routes to School pedestrian-actuated traffic signals and new traffic signal modifications

Project Cost:	Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
		10/11	11/12	12/13	13/14	14/15	15/16	16/17		
C		100,000	0	0	0	0	0	0	100,000	100,000
E		20,000	0	0	0	0	0	0	20,000	20,000
		<b>\$120,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$120,000</b>	<b>\$120,000</b>

**Agency:** Garden Grove  
**Project Number:** n/a  
**Project Name:** 7115- Brookhurst/Magnolia/Garden Grove TS  
**Project Limits/Loc:** Brookhurst/Magnolia/Garden Grove

**Type Of Work:** Traffic Signals  
**Additional TOW:** coordinate signals within project limits  
**Project Description:** Coordinate signals within project limits

Fund Name	Percent	Estimated Cost	Projected Cost	Explain/Other
SIP	100.00%	20,000	20,000	
	<b>100.00%</b>	<b>\$20,000</b>	<b>\$20,000</b>	

Project Cost:	Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
		10/11	11/12	12/13	13/14	14/15	15/16	16/17		
E		20,000	0	0	0	0	0	0	20,000	20,000
		<b>\$20,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$20,000</b>	<b>\$20,000</b>

**Measure M Growth Management Program  
Congestion Management Program**

Seven Year Capital Improvement Program (Sorted by Name)  
Fiscal Years 2010/2011 through 2016/2017

Fund Name	Percent	Estimated Cost	Projected Cost	ExplainOther
Tumback	100.00%	50,000	50,000	
	100.00%	\$50,000	\$50,000	

Agency : Garden Grove

Project Number : n/a

Project Name : 7129-Traffic Signal Modifications

Project Limits/Loc : Citywide

Type Of Work : Traffic Signals

**Additional TOW:** replace and upgrade traffic signals and equipment  
**Project Description:** Project involves signal modification to bring existing signals to current standards.

Project Cost :	Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
	E	10/11	11/12	12/13	13/14	14/15	15/16	16/17		
		50,000	0	0	0	0	0	0	50,000	50,000
		\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000

Agency : Garden Grove

Project Number : 03-GGRV-IIP-1105

Project Name : 7140-Euclid SR22 On Ramp

Project Limits/Loc : At Euclid and SR 22 East Bound On Ramp

Type Of Work : Intersection

**Additional TOW:** add right turn lane(s) to intersection  
**Project Description:** The project will widen the easterly side of Euclid Street south of the SR22 Freeway for a right turn lane

Fund Name	Percent	Estimated Cost	Projected Cost	ExplainOther
IIP	77.00%	346,500	0	
Tumback	23.00%	103,500	0	
	100.00%	\$450,000	\$0	

Project Cost :	Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
	C	10/11	11/12	12/13	13/14	14/15	15/16	16/17		
		450,000	0	0	0	0	0	0	450,000	0
		\$450,000	\$0	\$0	\$0	\$0	\$0	\$0	\$450,000	\$0

**Measure M Growth Management Program  
Congestion Management Program**

Seven Year Capital Improvement Program (Sorted by Name)  
Fiscal Years 2010/2011 through 2016/2017

Fund Name	Percent	Estimated Cost	Projected Cost	Explain/Other
Turnback	5.00%	23,500	23,500	
Other	95.00%	446,500	446,500	Highway Safety Improvement Program (HSIP)
	<b>100.00%</b>	<b>\$470,000</b>	<b>\$470,000</b>	

Agency : Garden Grove

Project Number : n/a

Project Name : 7232-Harbor Blvd. Median Curb Upgrade

Project Limits/Loc : On Harbor Blvd from Westminster Ave. to Trask Ave.

Type Of Work : Other

Additional TOW: other

Project Description: Upgrade existing 2254 linear feet of medians on Harbor Blvd from Westminster Avenue to Trask Avenue

Project Cost :	Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
		10/11	11/12	12/13	13/14	14/15	15/16	16/17		
C		0	450,000	0	0	0	0	0	450,000	450,000
E		20,000	0	0	0	0	0	0	20,000	20,000
		<b>\$20,000</b>	<b>\$450,000</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$470,000</b>	<b>\$470,000</b>

Agency : Garden Grove

Project Number : n/a

Project Name : 7233-Euclid St. Median Curb Upgrade

Project Limits/Loc : On Euclid St. from Lampson Ave. to Garden Grove Blvd.

Type Of Work : Other

Additional TOW: other

Project Description: Upgrade existing 2385 linear feet of medians on Euclid St. from Lampson Ave. to Garden Grove Blvd.

Fund Name	Percent	Estimated Cost	Projected Cost	Explain/Other
Turnback	10.00%	47,700	47,700	
Other	90.00%	429,300	429,300	Highway Safety Improvement Program (HSIP)
	<b>100.00%</b>	<b>\$477,000</b>	<b>\$477,000</b>	

Project Cost :	Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
		10/11	11/12	12/13	13/14	14/15	15/16	16/17		
C		0	457,000	0	0	0	0	0	457,000	457,000
E		20,000	0	0	0	0	0	0	20,000	20,000
		<b>\$20,000</b>	<b>\$457,000</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$477,000</b>	<b>\$477,000</b>

**Measure M Growth Management Program  
Congestion Management Program**

Seven Year Capital Improvement Program (Sorted by Name)  
Fiscal Years 2010/2011 through 2016/2017

Fund Name	Percent	Estimated Cost	Projected Cost	Explain Other
Tumback	33.00%	330,000	339,603	
Other	67.00%	670,000	689,497	Highway Safety Improvement Program (HSIP)
	100.00%	\$1,000,000	\$1,029,100	

Agency : Garden Grove

Project Number : n/a

Project Name : 7234-Valley View St. Median Curb Upgrade

Project Limits/Loc : Valley View St. from SR.22 to north city limits

Type Of Work : Other

Additional TOW: other

Project Description: Upgrade existing 5711 linear feet of medians on Valley View Street from the 22fvy to north city limits

Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
	10/11	11/12	12/13	13/14	14/15	15/16	16/17		
C	0	970,000	0	0	0	0	0	970,000	999,100
E	30,000	0	0	0	0	0	0	30,000	30,000
	\$30,000	\$970,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000	\$1,029,100

Agency : Garden Grove

Project Number : n/a

Project Name : 7237-Arterial Highway Rehabilitation Program

Project Limits/Loc : Citywide

Type Of Work : Road Maintenance

Additional TOW: reconstruction of roadway

Project Description: Maintain, improve and rehabilitate arterial highways throughout the city. (City's AHRP Phase XI & XII)

Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
	10/11	11/12	12/13	13/14	14/15	15/16	16/17		
C	4,000,000	0	0	0	0	0	0	4,000,000	4,000,000
	\$4,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$4,000,000	\$4,000,000

**Measure M Growth Management Program  
Congestion Management Program**

Seven Year Capital Improvement Program (Sorted by Name)  
Fiscal Years 2010/2011 through 2016/2017

Fund Name	Percent	Estimated Cost	Projected Cost	Explain/Other
GMA	100.00%	12,000	12,000	08-GGRV-GMA-3032
	100.00%	\$12,000	\$12,000	

Agency : Garden Grove

Project Number : 95-GGRV-GMA-1077

Project Name : 7242-GMA #2 Administration

Project Limits/Loc : Citywide

Type Of Work : Administration

**Additional TOW:** consultant support for management of project  
In cooperation with OCCOG, staff participates in multi-jurisdictional traffic projects and improvements within GMA

Project Cost :	Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
	E	10/11	11/12	12/13	13/14	14/15	15/16	16/17		
		12,000	0	0	0	0	0	0	12,000	12,000
		\$12,000	\$0	\$0	\$0	\$0	\$0	\$0	\$12,000	\$12,000

Agency : Garden Grove

Project Number : n/a

Project Name : 7243-Traffic Management Center/Citywide Fiber Interconnect

Project Limits/Loc : Citywide fiber optic interconnect and Traffic Management Center

Type Of Work : Other

Additional TOW: other

**Project Description:** Project includes the replacement of 19 miles of existing copper wire interconnect with fiber optic cable, replacement of 19 CCTV cameras, upgrade of 71 traffic signal controllers, and integration of a new traffic control system and TMC tenant improvements

Project Cost :	Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
	C	10/11	11/12	12/13	13/14	14/15	15/16	16/17		
		3,700,000	0	0	0	0	0	0	3,700,000	3,700,000
		\$3,700,000	\$0	\$0	\$0	\$0	\$0	\$0	\$3,700,000	\$3,700,000

Fund Name	Percent	Estimated Cost	Projected Cost	Explain/Other
Turback	55.00%	2,035,000	2,035,000	
Other	15.00%	555,000	555,000	M1 CTIFP Funding/Other City Funds
Prop. 1B	30.00%	1,110,000	1,110,000	
	100.00%	\$3,700,000	\$3,700,000	

**Measure M Growth Management Program  
Congestion Management Program**

Seven Year Capital Improvement Program (Sorted by Name)  
Fiscal Years 2010/2011 through 2016/2017

Agency : Garden Grove

Project Number : 03-GGRV-IP-1107

Project Name : 7246-Euclid and Hazard Intersection Improvement

Project Limits/Loc : Intersection of Euclid and Hazard Avenue

Type Of Work : Intersection

Additional TOW: add through lane(s) to intersection

Project Description: The project consists of adding a through lane to Hazard Avenue from its intersection with Euclid St. to 500 feet west of Euclid.

Project Cost :	Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Estimated Cost	Projected Cost
		10/11	11/12	12/13	13/14	14/15	15/16	16/17			
C		420,000	0	0	0	0	0	0	420,000	420,000	420,000
		\$420,000	\$0	\$0	\$0	\$0	\$0	\$0	\$420,000	\$420,000	\$420,000

Agency : Garden Grove

Project Number : n/a

Project Name : 7247-Euclid/Garden Grove IP

Project Limits/Loc : Euclid and Garden Grove Intersection Improvement

Type Of Work : Intersection

Additional TOW: add left turn and right turn lanes to intersection

Project Description: Project consists of constructing an eastbound right turn lane and a second westbound left turn lane on Garden Grove Boulevard and a northbound right turn lane on Euclid Street.

Project Cost :	Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Estimated Cost	Projected Cost
		10/11	11/12	12/13	13/14	14/15	15/16	16/17			
C		200,000	0	0	0	0	0	0	200,000	200,000	0
		\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000	\$200,000	\$0



**Measure M Growth Management Program  
Congestion Management Program**

Seven Year Capital Improvement Program (Sorted by Name)  
Fiscal Years 2010/2011 through 2016/2017

Agency : Garden Grove

Project Number : n/a

Project Name : 7252-West and Wilken Traffic Signal

Project Limits/Loc : Intersection of West and Wilken Street

Type Of Work : Traffic Signals

Additional TOW: install new traffic signal and equipment

Project Description: Install a fully actuated new traffic signal at the intersection of West Street and Wilken Street

Fund Name	Percent	Estimated Cost	Projected Cost	ExplainOther
Turnback	25.00%	10,000	10,000	
Other	75.00%	30,000	30,000	Safe Routes to School
	<b>100.00%</b>	<b>\$40,000</b>	<b>\$40,000</b>	

Project Cost :	Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
	E	10/11	11/12	12/13	13/14	14/15	15/16	16/17		
		40,000	0	0	0	0	0	0	40,000	40,000
		\$40,000	\$0	\$0	\$0	\$0	\$0	\$0	\$40,000	\$40,000

Agency : Garden Grove

Project Number : 03-CGRV-IP-1104

Project Name : 7255-Fairview/Trask Intersection Improvement

Project Limits/Loc : Intersection of Fairview and Trask

Type Of Work : Intersection

Additional TOW: add through and right turn lanes to intersection

Project Description: The project will add a southbound through lane on Fairview Street and a right turn lane from southbound Fairview Street onto westbound Trask Avenue.

Fund Name	Percent	Estimated Cost	Projected Cost	ExplainOther
IPP	60.00%	630,000	0	
Turnback	24.00%	252,000	0	
Prop. 1B	16.00%	168,000	0	
	<b>100.00%</b>	<b>\$1,050,000</b>	<b>\$0</b>	

Project Cost :	Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
	C	10/11	11/12	12/13	13/14	14/15	15/16	16/17		
		1,050,000	0	0	0	0	0	0	1,050,000	0
		\$1,050,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,050,000	\$0

**Measure M Growth Management Program  
Congestion Management Program**

Seven Year Capital Improvement Program (Sorted by Name)  
Fiscal Years 2010/2011 through 2016/2017

Fund Name	Percent	Estimated Cost	Projected Cost	Explain/Other
Turnback	100.00%	100,000	0	
	100.00%	\$100,000	\$0	

Agency : Garden Grove

Project Number : n/a

Project Name : 7259-Local Street Improvements

Project Limits/Loc : Citywide

Type Of Work : Road Maintenance

Additional TOW: rehabilitation of roadway

Project Description: Projects include road maintenance, new curb and gutter, sidewalk repair, ADA ramps and other street improvements at locations citywide. Improvements are performed on an as-needed basis.

Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
	10/11	11/12	12/13	13/14	14/15	15/16	16/17		
C	100,000	0	0	0	0	0	0	100,000	0
	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$0

Project Cost :

Agency : Garden Grove

Project Number : 03-GGRV-IP-1106

Project Name : 7265-Brookhurst/Garden Grove IIP

Project Limits/Loc : Intersection of Brookhurst and Garden Grove Blvd.

Type Of Work : Intersection

Additional TOW: add right turn lane(s) to intersection

Project Description: Project consists of adding a right turn lane on northbound Brookhurst from its intersection with Emerson Avenue to Garden Grove Boulevard

Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
	10/11	11/12	12/13	13/14	14/15	15/16	16/17		
C	550,000	0	0	0	0	0	0	550,000	0
	\$550,000	\$0	\$0	\$0	\$0	\$0	\$0	\$550,000	\$0

Project Cost :

**Measure M Growth Management Program  
Congestion Management Program**

Seven Year Capital Improvement Program (Sorted by Name)  
Fiscal Years 2010/2011 through 2016/2017

Fund Name	Percent	Estimated Cost	Projected Cost	Explain Other
Turnback	60.00%	300,000	300,000	
Other	40.00%	200,000	200,000	Safe Routes to School
	100.00%	\$500,000	\$500,000	

Agency : Garden Grove  
 Project Number : n/a  
 Project Name : 7282-Springdale Sidewalk Improvement  
 Project Limits/Loc : Springdale Street by SR 22 overpass  
 Type Of Work : Other

Additional TOW: other  
 Project Description: Project consists of constructing 400 feet of retaining wall along Seneca St. at the toe of the existing slope and 550 feet of sidewalk and guardrail along the top of the east embankment on Springdale St.

Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
C	10/11	11/12	12/13	13/14	14/15	15/16	16/17		
	500,000	0	0	0	0	0	0	500,000	500,000
	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000

**Total for Garden Grove**      \$11,282,000      \$1,877,000      \$0      \$0      \$0      \$0      \$0      \$13,159,000      \$10,838,100

Measure M and Renewed Measure M (M2)

Seven Year Capital Improvement Program (Sorted by Name)  
Fiscal Years 2011/2012 through 2017/2018

Agency : Garden Grove  
Project Number : n/a  
Project Name : 7113 - New Traffic Signals  
Project Limits/Loc : Pedestrian-actuated traffic signals and traffic signal modifications citywide

Type Of Work : Traffic Signals  
Additional TOW: install new traffic signal and equipment  
Project Description: Project will include installation of eight Safe Routes to School pedestrian-actuated traffic signals and two traffic signal modifications

Project Cost :	Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
	C	11/12	12/13	13/14	14/15	15/16	16/17	17/18		
		350,000	0	0	0	0	0	0	350,000	350,000
		\$350,000	\$0	\$0	\$0	\$0	\$0	\$0	\$350,000	\$350,000

Agency : Garden Grove  
Project Number : n/a  
Project Name : 7116-Euclid Signal Coordination (City's Match)  
Project Limits/Loc : On Euclid Street expanding 17 miles and crossing six local cities

Type Of Work : Traffic Signals  
Additional TOW: coordinate signals within project limits  
Project Description: The City of Garden Grove is responsible for match funds totaling \$40,000 for the City of Fullerton's Euclid Signal Synchronization (Project P Grant Application)

Project Cost :	Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
	C	11/12	12/13	13/14	14/15	15/16	16/17	17/18		
		40,000	0	0	0	0	0	0	40,000	40,000
		\$40,000	\$0	\$0	\$0	\$0	\$0	\$0	\$40,000	\$40,000

Fund Name	Percent	Estimated Cost	Projected Cost	Explain/Other
Turnback	10.00%	35,000	35,000	
Other	90.00%	315,000	315,000	State Safe Routes 2 School Grant
	100.00%	\$350,000	\$350,000	

Fund Name	Percent	Estimated Cost	Projected Cost	Explain/Other
M2 Fairshare	100.00%	40,000	40,000	
	100.00%	\$40,000	\$40,000	

**Measure M and Renewed Measure M (M2)**

Seven Year Capital Improvement Program (Sorted by Name)  
Fiscal Years 2011/2012 through 2017/2018

Agency : Garden Grove

Project Number : n/a

Project Name : 7122-Intersection Safety Improvements

Project Limits/Loc : Citywide

Type Of Work : Traffic Signals

Additional TOW: coordinate signals within project limits

Project Description: These improvements include the modification and upgrade of traffic signals at intersections such as converting a signal to protected permissive or vice versa. Projects performed on an as-needed basis.

Fund Name	Percent	Estimated Cost	Projected Cost	Explain Other
M2 Fairshare	80.00%	280,000	301,952	
Turnback	20.00%	70,000	75,488	
	100.00%	\$350,000	\$377,440	

Project Cost :	Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
		11/12	12/13	13/14	14/15	15/16	16/17	17/18		
C		40,000	40,000	40,000	40,000	40,000	40,000	40,000	280,000	307,440
E		10,000	10,000	10,000	10,000	10,000	10,000	10,000	70,000	70,000
		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$350,000	\$377,440

Agency : Garden Grove

Project Number : n/a

Project Name : 7129-Traffic Signal Modifications

Project Limits/Loc : Citywide

Type Of Work : Traffic Signals

Additional TOW: replace and upgrade traffic signals and equipment

Project Description: When a new signal project is developed as many as three separate existing signals need modification to bring it to current standards.

Fund Name	Percent	Estimated Cost	Projected Cost	Explain Other
M2 Fairshare	35.00%	507,500	548,317	
Turnback	35.00%	507,500	548,317	
Unfunded	30.00%	435,000	469,986	Future Grants/Other
	100.00%	\$1,450,000	\$1,566,620	

Project Cost :	Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
		11/12	12/13	13/14	14/15	15/16	16/17	17/18		
C		210,000	170,000	170,000	170,000	170,000	170,000	170,000	1,230,000	1,346,620
E		40,000	30,000	30,000	30,000	30,000	30,000	30,000	220,000	220,000
		\$250,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,450,000	\$1,566,620

**Measure M and Renewed Measure M (M2)**

Seven Year Capital Improvement Program (Sorted by Name)  
Fiscal Years 2011/2012 through 2017/2018

Agency : Garden Grove

Project Number : n/a

Project Name : 7220-Arterial Highway Rehabilitation Program (M2)

Project Limits/Loc : Citywide

Type Of Work : Road Maintenance

Additional TOW : rehabilitation of roadway

Project Description: Maintain, improve and rehabilitate arterial/residential streets throughout the City.

Fund Name	Percent	Estimated Cost	Projected Cost	Explain Other
Gas Tax	30.00%	13,800,000	15,240,600	
M2 Fairshare	10.00%	4,600,000	5,080,200	
Unfunded	60.00%	27,600,000	30,481,200	Future AHRP/Other State/Federal Grants
	<b>100.00%</b>	<b>\$46,000,000</b>	<b>\$50,802,000</b>	

Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
C	11/12	12/13	13/14	14/15	15/16	16/17	17/18		
	4,000,000	7,000,000	7,000,000	7,000,000	7,000,000	7,000,000	7,000,000	46,000,000	50,802,000
	\$4,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$7,000,000	\$46,000,000	\$50,802,000

Agency : Garden Grove

Project Number : n/a

Project Name : 7230-Lampson Median Installation Project

Project Limits/Loc : On Lampson Avenue between Manley Street and Knott Avenue

Type Of Work : Other

Additional TOW : other

Project Description: The project will consist of installing a new landscaped median and add colored concrete on the adjacent parkways.

Fund Name	Percent	Estimated Cost	Projected Cost	Explain Other
M2 Fairshare	15.00%	165,000	165,000	
Other	85.00%	935,000	935,000	Highway Safety Improvement Program Grant
	<b>100.00%</b>	<b>\$1,100,000</b>	<b>\$1,100,000</b>	

Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
C	11/12	12/13	13/14	14/15	15/16	16/17	17/18		
	1,100,000	0	0	0	0	0	0	1,100,000	1,100,000
	\$1,100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,100,000	\$1,100,000

**Measure M and Renewed Measure M (M2)**

Seven Year Capital Improvement Program (Sorted by Name)  
Fiscal Years 2011/2012 through 2017/2018

Fund Name	Percent	Estimated Cost	Projected Cost	Explain/Other
Tomback	100.00%	900,000	900,000	
	100.00%	\$900,000	\$900,000	

Agency : Garden Grove  
Project Number : n/a  
Project Name : 7231-Harbor Median Improvement (Chapman-Wilken)  
Project Limits/Loc : On Harbor Boulevard between Chapman Avenue and Wilken Way

Type Of Work : Other  
Additional TOW: other  
Project Description: Project will consist of adding a new landscaped median between Chapman and Wilken

Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
C	11/12	12/13	13/14	14/15	15/16	16/17	17/18		
	900,000	0	0	0	0	0	0	900,000	900,000
	\$900,000	\$0	\$0	\$0	\$0	\$0	\$0	\$900,000	\$900,000

Agency : Garden Grove  
Project Number : n/a  
Project Name : 7232-Harbor Blvd. Median Curb Upgrade  
Project Limits/Loc : On Harbor Blvd from Westminster Ave. to Trask Ave.  
Type Of Work : Other  
Additional TOW: other  
Project Description: Upgrade existing 2254 linear feet of medians on Harbor Blvd from Westminster Avenue to Trask Avenue

Fund Name	Percent	Estimated Cost	Projected Cost	Explain/Other
Tomback	10.00%	50,000	50,000	
Other	90.00%	450,000	450,000	Highway Safety Improvement Program (HSIP)
	100.00%	\$500,000	\$500,000	

Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
C	11/12	12/13	13/14	14/15	15/16	16/17	17/18		
	450,000	0	0	0	0	0	0	450,000	450,000
E	50,000	0	0	0	0	0	0	50,000	50,000
	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000

**Measure M and Renewed Measure M (M2)**

Seven Year Capital Improvement Program (Sorted by Name)  
Fiscal Years 2011/2012 through 2017/2018

Agency : Garden Grove  
Project Number : n/a  
Project Name : 7233-Euclid St. Median Curb Upgrade  
Project Limits/Loc : On Euclid St. from Lampson Ave. to Garden Grove Blvd.

Type Of Work : Other  
Additional TOW: other

Project Description: Upgrade existing 2385 linear feet of medians on Euclid St. from Lampson Ave. to Garden Grove Blvd.

Fund Name	Percent	Estimated Cost	Projected Cost	ExplainOther
Tumback	10.00%	51,000	51,000	
Other	90.00%	459,000	459,000	Highway Safety Improvement Program (HSIP)
	100.00%	\$510,000	\$510,000	

Project Cost :

Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
	11/12	12/13	13/14	14/15	15/16	16/17	17/18		
C	460,000	0	0	0	0	0	0	460,000	460,000
E	50,000	0	0	0	0	0	0	50,000	50,000
	\$510,000	\$0	\$0	\$0	\$0	\$0	\$0	\$510,000	\$510,000

Agency : Garden Grove  
Project Number : n/a  
Project Name : 7234-Valley View St. Median Curb Upgrade  
Project Limits/Loc : Valley View St. from SR 22 to north city limits  
Type Of Work : Other  
Additional TOW: other  
Project Description: Upgrade existing 5,711 linear feet of medians on Valley View Street from SR-22 freeway to north city limits

Fund Name	Percent	Estimated Cost	Projected Cost	ExplainOther
Tumback	33.00%	330,000	330,000	
Other	67.00%	670,000	670,000	Highway Safety Improvement Program (HSIP)
	100.00%	\$1,000,000	\$1,000,000	

Project Cost :

Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
	11/12	12/13	13/14	14/15	15/16	16/17	17/18		
C	950,000	0	0	0	0	0	0	950,000	950,000
E	50,000	0	0	0	0	0	0	50,000	50,000
	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000	\$1,000,000



**Measure M and Renewed Measure M (M2)**

Seven Year Capital Improvement Program (Sorted by Name)  
Fiscal Years 2011/2012 through 2017/2018

Agency : Garden Grove

Project Number : n/a

Project Name : 7237-Arterial Highway Rehabilitation Program (M1)

Project Limits/Loc : Citywide

Type Of Work : Road Maintenance

Additional TOW: rehabilitation of roadway

Project Description: Maintain, improve and rehabilitate arterial highways throughout the city.

Fund Name	Percent	Estimated Cost	Projected Cost	Explain Other
Gas Tax	30.00%	900,000	900,000	
Turbback	70.00%	2,100,000	2,100,000	
	100.00%	\$3,000,000	\$3,000,000	

Project Cost : Project Phase FY 1 Cost FY 2 Cost FY 3 Cost FY 4 Cost FY 5 Cost FY 6 Cost FY 7 Cost Estimated Cost Projected Cost

Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
C	3,000,000	0	0	0	0	0	0	3,000,000	3,000,000
	\$3,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$3,000,000	\$3,000,000

Agency : Garden Grove

Project Number : n/a

Project Name : 7238-Harbor Boulevard Smart Street

Project Limits/Loc : On Harbor Boulevard from Westminster Avenue to north city limits.

Type Of Work : Smart Streets

Additional TOW: widen roadway, coordinate traffic signals, add turning lanes at intersections

Project Description: Widen roadway, coordinate traffic signals, add turning lanes at intersections and add new medians/landscape.

Fund Name	Percent	Estimated Cost	Projected Cost	Explain Other
M2 Fairshare	10.00%	6,800,000	7,368,000	
Unfunded	90.00%	61,200,000	66,312,000	Future OCTA/Federal & State Grants
	100.00%	\$68,000,000	\$73,680,000	

Project Cost : Project Phase FY 1 Cost FY 2 Cost FY 3 Cost FY 4 Cost FY 5 Cost FY 6 Cost FY 7 Cost Estimated Cost Projected Cost

Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
C	0	0	0	0	5,000,000	5,000,000	5,000,000	15,000,000	17,480,000
E	3,000,000	0	0	0	0	0	0	3,000,000	3,000,000
R	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	0	0	50,000,000	53,200,000
	\$13,000,000	\$10,000,000	\$10,000,000	\$10,000,000	\$15,000,000	\$5,000,000	\$5,000,000	\$68,000,000	\$73,680,000

**Measure M and Renewed Measure M (M2)**

Seven Year Capital Improvement Program (Sorted by Name)  
Fiscal Years 2011/2012 through 2017/2018

Agency : Garden Grove

Project Number : n/a

Project Name : 7243-Traffic Management Center/Fiber Optic Interconnect

Project Limits/Loc : Citywide fiber optic interconnect and Traffic Management Center

Type Of Work : Other

Additional TOW: other

Project Description: Project includes the replacement of 19 miles of existing copper wire interconnect with fiber optic cable, replacement of 19 CCTV cameras, upgrade of 71 traffic signal controllers, integration of a new traffic control system and TMC tenant improvements

Fund Name	Percent	Estimated Cost	Projected Cost	Explain Other
Turnback	35.00%	682,500	682,500	
Other	25.00%	487,500	487,500	Other City Funds
Prop. 1B	40.00%	780,000	780,000	
	100.00%	\$1,950,000	\$1,950,000	

Project Cost :

Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
C	11/12	12/13	13/14	14/15	15/16	16/17	17/18		
	1,950,000	0	0	0	0	0	0	1,950,000	1,950,000
	\$1,950,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,950,000	\$1,950,000

Agency : Garden Grove

Project Number : n/a

Project Name : 7244-Harbor/Garden Grove IIP

Project Limits/Loc : Intersection of Harbor Blvd. and Garden Grove Blvd.

Type Of Work : Intersection

Additional TOW: add left turn and right turn lanes to intersection

Project Description: To construct eastbound and westbound right turn lanes and northbound second left turn lane to reduce congestion at this intersection.

Fund Name	Percent	Estimated Cost	Projected Cost	Explain Other
M2 Fairshare	50.00%	1,250,000	0	
Unfunded	50.00%	1,250,000	0	Future CTFP application/other grants
	100.00%	\$2,500,000	\$0	

Project Cost :

Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
C	11/12	12/13	13/14	14/15	15/16	16/17	17/18		
	2,500,000	0	0	0	0	0	0	2,500,000	0
	\$2,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,500,000	\$0

**Measure M and Renewed Measure M (M2)**

Seven Year Capital Improvement Program (Sorted by Name)  
Fiscal Years 2011/2012 through 2017/2018

Agency : Garden Grove  
Project Number : n/a  
Project Name : 7245-Harbor Blvd Public Improvements  
Project Limits/Loc : Harbor Boulevard between Palm Street and Lampson Avenue

Type Of Work : Other  
Additional TOW: other

Project Description: The project will include installation of a traffic signal, center median modifications, construction of curb and gutter and related asphalt pavement repairs

Fund Name	Percent	Estimated Cost	Projected Cost	Explain Other
M2 Fairshare	40.00%	1,000,000	1,000,000	
Turnback	60.00%	1,500,000	1,500,000	
	100.00%	\$2,500,000	\$2,500,000	

Project Cost :	Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
		11/12	12/13	13/14	14/15	15/16	16/17	17/18		
C		2,200,000	0	0	0	0	0	0	2,200,000	2,200,000
E		300,000	0	0	0	0	0	0	300,000	300,000
		\$2,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,500,000	\$2,500,000

Agency : Garden Grove  
Project Number : n/a  
Project Name : 7250-Citywide Arterial Median Curb Upgrade  
Project Limits/Loc : Citywide  
Type Of Work : Other  
Additional TOW: other  
Project Description: Raise median barriers to minimize traffic collisions and provide pedestrian safety

Fund Name	Percent	Estimated Cost	Projected Cost	Explain Other
Turnback	50.00%	500,000	0	
Unfunded	50.00%	500,000	0	:Highway Safety Improvement Program Grant/Other
	100.00%	\$1,000,000	\$0	

Project Cost :	Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
		11/12	12/13	13/14	14/15	15/16	16/17	17/18		
C		250,000	250,000	250,000	250,000	0	0	0	1,000,000	0
		\$250,000	\$250,000	\$250,000	\$250,000	\$0	\$0	\$0	\$1,000,000	\$0

**Measure M and Renewed Measure M (M2)**

Seven Year Capital Improvement Program (Sorted by Name)  
Fiscal Years 2011/2012 through 2017/2018

Agency : Garden Grove  
 Project Number : n/a  
 Project Name : 7251-Haster/Allard Traffic Signal  
 Project Limits/Loc : Intersection of Haster Street and Allard Avenue  
 Type Of Work : Traffic Signals  
 Additional TOW : install new traffic signal and equipment  
 Project Description: Install a new fully actuated traffic signal at the intersection of Haster Street and Allard Avenue

Fund Name	Percent	Estimated Cost	Projected Cost	Explain Other
Tumback	15.00%	40,500	40,500	
Other	85.00%	229,500	229,500	Safe Routes to School
<b>100.00%</b>		<b>\$270,000</b>	<b>\$270,000</b>	

Project Cost :

Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
	11/12	12/13	13/14	14/15	15/16	16/17	17/18		
C	250,000	0	0	0	0	0	0	250,000	250,000
E	20,000	0	0	0	0	0	0	20,000	20,000
	\$270,000	\$0	\$0	\$0	\$0	\$0	\$0	\$270,000	\$270,000

Agency : Garden Grove  
 Project Number : n/a  
 Project Name : 7252-West and Wilken Traffic Signal  
 Project Limits/Loc : Intersection of West and Wilken  
 Type Of Work : Traffic Signals  
 Additional TOW : install new traffic signal and equipment  
 Project Description: Install a fully actuated new traffic signal at the intersection of West Street and Wilken Street

Fund Name	Percent	Estimated Cost	Projected Cost	Explain Other
Tumback	15.00%	34,500	34,500	
Other	85.00%	195,500	195,500	Safe Routes to School
<b>100.00%</b>		<b>\$230,000</b>	<b>\$230,000</b>	

Project Cost :

Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
	11/12	12/13	13/14	14/15	15/16	16/17	17/18		
C	230,000	0	0	0	0	0	0	230,000	230,000
	\$230,000	\$0	\$0	\$0	\$0	\$0	\$0	\$230,000	\$230,000

**Measure M and Renewed Measure M (M2)**

Seven Year Capital Improvement Program (Sorted by Name)  
Fiscal Years 2011/2012 through 2017/2018

Agency : Garden Grove  
 Project Number : 03-GGRV-IP-1104  
 Project Name : 7255-Fairview/Trask Intersection Improvement  
 Project Limits/Loc : Intersection of Fairview and Trask Avenue  
 Type Of Work : Intersection  
 Additional TOW : add through and right turn lanes to intersection  
 Project Description : Add a southbound through lane on Fairview and a right turn lane from southbound Fairview St. onto westbound Trask Avenue

Fund Name	Percent	Estimated Cost	Projected Cost	Explain/Other
IP	54.00%	297,000	297,000	MI CIFP
Turnback	46.00%	253,000	253,000	
	100.00%	\$550,000	\$550,000	

Project Cost :

Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
C	11/12	12/13	13/14	14/15	15/16	16/17	17/18		
	550,000	0	0	0	0	0	0	550,000	550,000
	\$550,000	\$0	\$0	\$0	\$0	\$0	\$0	\$550,000	\$550,000

Agency : Garden Grove  
 Project Number : n/a  
 Project Name : 7259-Local Street Improvements  
 Project Limits/Loc : Citywide  
 Type Of Work : Other  
 Additional TOW : other  
 Project Description : Projects include road maintenance, new curb and gutter, sidewalk repair, ADA ramps and other street improvements at locations citywide. These are performed on an as needed basis

Fund Name	Percent	Estimated Cost	Projected Cost	Explain/Other
M2 Fairshare	50.00%	550,000	550,000	
Turnback	50.00%	550,000	550,000	
	100.00%	\$1,100,000	\$1,100,000	

Project Cost :

Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
C	11/12	12/13	13/14	14/15	15/16	16/17	17/18		
	500,000	100,000	100,000	100,000	100,000	100,000	100,000	1,100,000	1,100,000
	\$500,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$1,100,000	\$1,100,000

**Measure M and Renewed Measure M (M2)**

Seven Year Capital Improvement Program (Sorted by Name)  
Fiscal Years 2011/2012 through 2017/2018

Fund Name	Percent	Estimated Cost	Projected Cost	Explain Other
Turnback	30.00%	900,000	900,000	
Unfunded	70.00%	2,100,000	2,100,000	Future Transportation Enhancement Grants
	100.00%	\$3,000,000	\$3,000,000	

Agency : Garden Grove  
Project Number : n/a  
Project Name : 7262-Citywide Median Landscape Irrigation  
Project Limits/Loc : Citywide (Harbor/Valley View)  
Type Of Work : Other  
Additional TOW: other

Project Description: Retrofit existing irrigation system on arterial medians with drip irrigation technology and drought tolerant landscape

Project Cost :	Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
	C	11/12	12/13	13/14	14/15	15/16	16/17	17/18		
		3,000,000	0	0	0	0	0	0	3,000,000	3,000,000
		\$3,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$3,000,000	\$3,000,000

Agency : Garden Grove  
Project Number : 03-GGRV-IIP-1106  
Project Name : 7265-Brookhurst/Garden Grove IIP  
Project Limits/Loc : Brookhurst/Garden Grove Intersection  
Type Of Work : Intersection  
Additional TOW: add right turn lane(s) to intersection  
Project Description: Project will add a right turn lane on northbound Brookhurst St. from its intersection with Emerson Avenue to Garden Grove Boulevard

Fund Name	Percent	Estimated Cost	Projected Cost	Explain Other
IIP	67.00%	301,500	0	MI CTIP
Turnback	33.00%	148,500	0	
	100.00%	\$450,000	\$0	

Project Cost :	Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
	C	11/12	12/13	13/14	14/15	15/16	16/17	17/18		
		450,000	0	0	0	0	0	0	450,000	0
		\$450,000	\$0	\$0	\$0	\$0	\$0	\$0	\$450,000	\$0

**Measure M and Renewed Measure M (M2)**

Seven Year Capital Improvement Program (Sorted by Name)  
Fiscal Years 2011/2012 through 2017/2018

Fund Name	Percent	Estimated Cost	Projected Cost	Explain/Other
Gas Tax	60.00%	180,000	0	
Turnback	40.00%	120,000	0	
<b>100.00%</b>		<b>\$300,000</b>	<b>\$0</b>	

Agency : Garden Grove

Project Number : n/a

Project Name : 7282-Sidewalk Improvement

Project Limits/Loc : Springdale Street by SR22 overpass

Type Of Work : Other

Additional TOW: other

**Project Description:** Project consists of constructing 400 feet of retaining wall along Seneca St. at the toe of existing slope and 550 feet of sidewalk and guardrail along the top of the east embankment on Springdale St.

Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
	11/12	12/13	13/14	14/15	15/16	16/17	17/18		
C	300,000	0	0	0	0	0	0	300,000	0
	<b>\$300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$300,000</b>	<b>\$0</b>

Agency : Garden Grove

Project Number : n/a

Project Name : Dale/Garden Grove Blvd. IIP

Project Limits/Loc : Intersection of Dale and Garden Grove Blvd.

Type Of Work : Intersection

Additional TOW: add through lane(s) to intersection

**Project Description:** Widen the street and add through lanes(s) to intersection

Fund Name	Percent	Estimated Cost	Projected Cost	Explain/Other
M2 Fairshare	50.00%	1,500,000	0	
Unfunded	50.00%	1,500,000	0	Future CTFP Application/Other grants
<b>100.00%</b>		<b>\$3,000,000</b>	<b>\$0</b>	

Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
	11/12	12/13	13/14	14/15	15/16	16/17	17/18		
C	0	0	1,000,000	0	0	0	0	1,000,000	0
R	1,000,000	1,000,000	0	0	0	0	0	2,000,000	0
	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,000,000</b>	<b>\$0</b>

**Measure M and Renewed Measure M (M2)**

Seven Year Capital Improvement Program (Sorted by Name)  
Fiscal Years 2011/2012 through 2017/2018

Agency : Garden Grove  
 Project Number : n/a  
 Project Name : Magnolia Street Reconstruction  
 Project Limits/Loc : On Magnolia Street between Trask Avenue and Garden Grove Boulevard  
 Type Of Work : Road Maintenance  
 Additional TOW: reconstruction of roadway  
 Project Description: Magnolia Street reconstruction

Fund Name	Percent	Estimated Cost	Projected Cost	Explain/Other
Unfunded	100.00%	1,500,000	1,500,000	AHRP/Other State & Federal Grants
	100.00%	\$1,500,000	\$1,500,000	

Project Cost :	Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
	C	11/12	12/13	13/14	14/15	15/16	16/17	17/18		
		1,500,000	0	0	0	0	0	0	1,500,000	1,500,000
		\$1,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500,000	\$1,500,000

Agency : Garden Grove  
 Project Number : n/a  
 Project Name : Pacific Electric Right of Way Improvements  
 Project Limits/Loc : PE Right of Way throughout the City  
 Type Of Work : Other  
 Additional TOW: other  
 Project Description: Construction of parks with landscape, bikeways, irrigation, lighting, and artwork.

Fund Name	Percent	Estimated Cost	Projected Cost	Explain/Other
Unfunded	100.00%	1,200,000	1,336,000	Future Redevelopment funds, OCTA R/W grants
	100.00%	\$1,200,000	\$1,336,000	

Project Cost :	Project Phase	FY 1 Cost	FY 2 Cost	FY 3 Cost	FY 4 Cost	FY 5 Cost	FY 6 Cost	FY 7 Cost	Estimated Cost	Projected Cost
	C	11/12	12/13	13/14	14/15	15/16	16/17	17/18		
		200,000	200,000	200,000	200,000	200,000	200,000	0	1,200,000	1,336,000
		\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$0	\$1,200,000	\$1,336,000

**Total for Garden Grove**      \$39,900,000      \$18,800,000      \$18,800,000      \$17,800,000      \$22,550,000      \$12,550,000      \$12,350,000      \$142,750,000      \$146,262,060



## RESOLUTION NO.

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF GARDEN GROVE  
CONCERNING THE STATUS OF THE CIRCULATION ELEMENT FOR THE CITY  
OF GARDEN GROVE

WHEREAS, the City of Garden Grove desires to maintain and improve the streets within its jurisdiction, including those arterials contained in the Master Plan of Arterial Highways (MPAH);

WHEREAS, the City of Garden Grove has endorsed a definition of and a process for, determining consistency of the City's Traffic Circulation Plan with the MPAH;

WHEREAS, the City has adopted a General Plan Circulation Element which does not preclude implementation of the MPAH within its jurisdiction;

WHEREAS, the City is required to adopt a resolution every year informing the Orange County Transportation Authority (OCTA) that the City's Circulation Element is in conformance with the Master Plan of Arterial Highways and whether any changes to any arterial highways of said Circulation Element have been adopted by the City during Fiscal Years 2009-10 and 2010-11; and

WHEREAS, the City is required to send every year to the OCTA all recommended changes to the City Circulation Element and the MPAH for the purposes of re-qualifying for participation in the Combined Transportation Funding Programs.

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Garden Grove does hereby inform the OCTA that:

- a) The arterial highway portion of the City's Circulation Element of the City is in conformance and consistent with the Master Plan of Arterial Highways.
- b) The City attests that no unilateral reduction in through lanes has been made on any MPAH arterials during Fiscal Years 2009-10 and 2010-11.
- c) The City has adopted a uniform setback ordinance providing for the preservation of rights-of-way consistent with the MPAH arterial highway classification.
- d) The City has adopted provisions for the limitation of access to arterial highways in order to protect the integrity of the system.

MAINTENANCE OF EFFORT REPORTING FORM

Reporting Jurisdiction: THE CITY OF GARDEN GROVE

Type of GENERAL FUND Transportation Expenditures:  
 (please attach supporting budget documentation for each line item listed below,  
 and record separately in CIP software)

	Total Expenditure
<b>MAINTENANCE</b>	
General Fund Transportation Expenditures (see attached budget items)	\$3,432,405
<b>Subtotal Maintenance</b>	<b>\$3,432,405</b>

<b>CONSTRUCTION</b>	
<b>Subtotal Construction</b>	<b>\$0</b>

<b>ADMINISTRATIVE/OTHER</b>	
<b>Subtotal Other</b>	<b>\$0</b>

<b>Total General Fund Transportation Expenditures</b>	<b>\$3,432,405</b>
<b>(less Total MOE Exclusions*)</b>	<b>\$0</b>
MOE Expenditures	\$3,432,405
MOE Benchmark Requirements	\$2,732,000
<b>(Shortfall/Surplus)</b>	<b>\$700,405</b>

Certification:  
 I hereby certify that the City of Garden Grove has budgeted and will meet the Maintenance of Effort requirement for  
 Fiscal Year 2011/12.

  
 WILLIAM E. MURRAY JR., PUBLIC WORKS DIRECTOR/CITY ENGINEER  
 City of Garden Grove

\* Funding sources including federal, state, redevelopment, and bond financing.