

Fiscal Year 2017-18

Approved Capital Justifications



Orange County Transportation Authority

FISCAL YEAR 2017-18 LINE ITEM CONTROLLED CAPITAL JUSTIFICATIONS

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OCTA



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Line Item Controlled Capital

Org- Key	Department / Fund Name	Obj	Line Item Description	Budget	Page No.
1316	Security and Emergenc	9027	Transit Police Service Vehicle Mounted Radios	200,000	2
Subtotal Capital - Executive Office				\$ 200,000	

Division:	01	Executive Office	
OrgKey:	1316	Security and Emergency Preparedness	
Object:	9027	Cap Exp-Communications Equip	
Description:	Transit Police Service Vehicle Mounted Radios		
Quantity/Cost:	24 @ \$8,333		FY18-02270
Budget Request:	\$ 200,000		IFAS#: 1316-9027-A0001-03N

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

OCTA is a participating agency in the County's Countywide Coordinated Communication System (CCCS). The CCCS has been upgrading its system to meet the Federal Communications Commission (FCC) requirement of the Project 25 (P25). The County's P25 compliance deadline is 2018. As such, OCTA is required to upgrade all of the Transit Police Service (TPS) radios to comply with the P25 requirement by the end of 2018. This budget item is requesting funding to purchase the replacement radios.

This project will fund the purchase of 24 mobile and 10 handheld radios to be distributed to line law enforcement personnel in service throughout the County in an effort to close identified interoperable radio communications capability gaps in responding to all-hazards events or acts of terrorism affecting the transportation system. Interoperable communications is an indispensable adjunct to coordination, response, and restoration activities.

OCTA Transit Police Service vehicle and handheld radios are currently at their end-of-serviceable life; this project will fund the mandatory replacement of these radios.

How does this project tie to the OCTA Long-Range Transportation Plan (LRTP) and Strategic Plan? This project supports the LRTP as it enhances the provision of Safe, Reliable and Courteous service by providing state-of-the-art communications tools to our Transit Police Services personnel. The Safe Transit Stops project seeks to enhance the customer experience. The Transit Police Service is an integral part of ensuring a safe and secure transit center, stop and bus rider experience.

Please explain how you arrived at the budgeted dollars requested.

Cost acquired from Motorola.

What phase of the project does this line item support?

All

What phase of the project is this line item in, as of January 2, 2017?

N/A

Is this line item re-budgeted from a prior fiscal year?

No

Line Item Controlled Capital

Org- Key	Department / Fund Name	Obj	Line Item Description	Budget	Page No.
0036	91 Express Lanes	9023	Leasehold Improvements to the Customer Service Cente	500,000	4
0036	91 Express Lanes	9026	Uninterruptible Power Supply Source	15,000	5
0036	91 Express Lanes	9028	Personal Computer Components	125,000	6
0036	91 Express Lanes	9028	Replacement of the Electronic Toll and Traffic Managem	10,000,000	7
0036	91 Express Lanes	9030	Toll Transponders	625,300	8
1284	IS Technical Services	9028	Video Conferencing Equipment	28,500	9
1285	E'prise Comp Solut'n &	9028	HASTUS Software Upgrade	200,000	10
1285	E'prise Comp Solut'n &	9028	Ultrabadge Upgrade	122,500	11
Subtotal Capital - Finance and Administration				\$ 11,616,300	

Division:	02	Finance and Administration	
OrgKey:	0036	91 Express Lanes	
Object:	9023	Cap Exp-Leasehold Improvements	
Description:	Leasehold Improvements to the Customer Service Center		
Quantity/Cost:	1 @ \$500,000		FY18-02027
Budget Request:	\$ 500,000		IFAS#: 0036-9023-B0001-0GZ

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Leasehold improvements to the Customer Service Center. The Customer Service Center houses the customer service representatives who operate the call center and walk-in service area, as well as the transponder fulfillment area.

Please explain how you arrived at the budgeted dollars requested.

Independent cost estimate for this effort and based on the project schedule.

What phase of the project does this line item support?

All phases of the project.

What phase of the project is this line item in, as of January 2, 2017?

Project will not begin until calendar year 2018.

Is this line item re-budgeted from a prior fiscal year?

No

Division:	02	Finance and Administration	
OrgKey:	0036	91 Express Lanes	
Object:	9026	Cap Exp-Tools/Equipment	
Description:	Uninterruptible Power Supply Source		
Quantity/Cost:	1 @ \$15,000		FY18-02029
Budget Request:	\$ 15,000		IFAS#: 0036-9026-B0001-DC5

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Addition of a secondary uninterruptible power supply source for the equipment in the Anaheim Data Center.

Please explain how you arrived at the budgeted dollars requested.

Independent cost estimate for this effort and the project schedule.

What phase of the project does this line item support?

All phases

What phase of the project is this line item in, as of January 2, 2017?

Project to begin in fiscal year 2018.

Is this line item re-budgeted from a prior fiscal year?

No

Division:	02	Finance and Administration	
OrgKey:	0036	91 Express Lanes	
Object:	9028	Cap Exp-Computer Hard/Software	
Description:	Personal Computer Components		
Quantity/Cost:	1 @ \$125,000		FY18-02033
Budget Request:	\$ 125,000		IFAS#: 0036-9028-B0001-H3F

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Multiple procurements will take place under this line item. Purchases will include web filter replacement, tape drives and replacement of outdated servers, and virtual migration from NetApp.

Please explain how you arrived at the budgeted dollars requested.

Estimate based upon actuals.

What phase of the project does this line item support?

N/A

What phase of the project is this line item in, as of January 2, 2017?

N/A

Is this line item re-budgeted from a prior fiscal year?

No

Division:	02	Finance and Administration	
OrgKey:	0036	91 Express Lanes	
Object:	9028	Cap Exp-Computer Hard/Software	
Description:	Replacement of the Electronic Toll and Traffic Management System		
Quantity/Cost:	1 @ \$10,000,000		FY18-02031
Budget Request:	\$ 10,000,000		IFAS#: 0036-9028-B0001-GXM

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Replacement of the Electronic Toll and Traffic Management (ETTM) system for the 91 Express Lanes. The ETTM system is responsible for the identification and capturing of vehicle information for customer account billing or violation processing. This will be for a full architectural upgrade, with a partial upgrade expected in 7 years at a cost of approximately \$2 million dollars.

Please explain how you arrived at the budgeted dollars requested.

Independent cost estimate for this effort and the project schedule.

What phase of the project does this line item support?

All phases

What phase of the project is this line item in, as of January 2, 2017?

Project to begin at the end of fiscal year 2018.

Is this line item re-budgeted from a prior fiscal year?

No

Division: 02 Finance and Administration
OrgKey: 0036 91 Express Lanes
Object: 9030 Transponders

Description: Toll Transponders

Quantity/Cost: 1 @ \$625,300

FY18-02034

Budget Request: \$ 625,300

IFAS#: 0036-9030-B0001-AD4

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Procurement of toll transponders for the 91 Express Lanes. These transponders are provided to account holders in order to use the 91 Express Lanes, as well as any other toll facilities operating in California.

Please explain how you arrived at the budgeted dollars requested.

Based upon contracted amounts.

What phase of the project does this line item support?

On-going

What phase of the project is this line item in, as of January 2, 2017?

On-going

Is this line item re-budgeted from a prior fiscal year?

No

Division:	02	Finance and Administration	
OrgKey:	1284	IS Technical Services	
Object:	9028	Cap Exp-Computer Hard/Software	
Description:	Video Conferencing Equipment		
Quantity/Cost:	1 @ \$28,500		FY18-02023
Budget Request:	\$ 28,500		IFAS#: 1284-9028-A5352-1NX

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

As part of fiscal year 2017, General Services will be remodeling the first floor of the Orange Headquarters in partnership with our landlord, PMRG. As part of the remodel, three new conference rooms will be built. One of the requirements of the new conference rooms was to have them outfitted with full video conferencing capabilities.

This line item is for the video conferencing controllers, cameras, microphones, and software for the three rooms.

Please explain how you arrived at the budgeted dollars requested.

Budget was arrived from previous purchases of video conferencing equipment along with research on the internet.

What phase of the project does this line item support?

Design and implementation.

What phase of the project is this line item in, as of January 2, 2017?

Planning.

Is this line item re-budgeted from a prior fiscal year?

No.

Division:	02	Finance and Administration	
OrgKey:	1285	E'prise Comp Solut'n & Suprt	
Object:	9028	Cap Exp-Computer Hard/Software	
Description:	HASTUS Software Upgrade		
Quantity/Cost:	1 @ \$200,000		FY18-01886
Budget Request:	\$ 200,000		IFAS#: 1285-9028-A5359-04N

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Kronos software is currently being used to track time and attendance for our maintenance employees. The system uses biometric time clocks for time in/time out along with interfacing with the Lawson Payroll system for our bi-weekly payroll processing. The Kronos system is configured to follow the rules of our maintenance employee collective bargaining agreements, including shift differentials, sick/vacation accruals, and attendance letter processing.

The version of Kronos that is currently in place is an older version and falls outside of the Information Systems standards of being no more than two versions behind on software releases. Transit and Information Systems have jointly decided to modify the use of the HASTUS application suite to incorporate all the functions of Kronos versus upgrading Kronos to a newer version. The HASTUS application suite was recently modified to do time and attendance tracking for all the coach operators.

The Authority is seeking the services from Giro, the manufacturer of the HASTUS application suite, to design, construct, and implement the time and attendance modules for the maintenance employees.

Giro shall provide setup (setup to be optimized for OCTA's operating and contractual parameters), data migration, testing, and training services.

It is anticipated that the upgrade should take approximately 12 to 16 weeks to implement. OCTA will work with Giro if they elect to do much of their work remotely.

PROPOSED WORK PLAN

Giro shall provide project oversight as well as consulting services appropriate to each phase of the scope stated below.

The Tasks included in this project are as follows:

Phase 1 – Project Planning and Management

Phase 2 – Assessment and Design

Phase 3 - Construction and Testing

Task 4 – Go-live Phase

Please explain how you arrived at the budgeted dollars requested.

This is calculated based on the previous years' history, average, and patterns of expenditures for Kronos upgrades.

What phase of the project does this line item support?

This item will support the project through all phases: starting with planning, and going through project completion and release to operation.

What phase of the project is this line item in, as of January 2, 2017?

Planning

Is this line item re-budgeted from a prior fiscal year?

Yes, FY 2016/17

Division:	02	Finance and Administration	
OrgKey:	1285	E'prise Comp Solut'n & Suprt	
Object:	9028	Cap Exp-Computer Hard/Software	
Description:	Ultrabadge Upgrade		
Quantity/Cost:	1 @ \$122,500		FY18-01843
Budget Request:	\$ 122,500		IFAS#: 1285-9028-A5359-9RS

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Ultrabadge is currently used for badging OCTA employees, contractors and any reduced fare riders. Our current version of Ultrabadge is no longer supported by the vendor and so there is a need to move to their new Ultrabadge product. Ultrabadge was last updated to work in a Windows 2008 environment, but this is a temporary fix until we can get the new product installed.

UPGRADE STRATEGY, PROJECT TASKS, AND DELIVERABLES

The vendor shall provide project oversight as well as consulting services appropriate to each phase of the scope stated below.

The tasks included in this project are as follows:

- Phase 1 – Project Planning and Management
- Phase 2 – Assessment and Design
- Phase 3 - Construction and Testing
- Phase 4 – Go-live Phase

Please explain how you arrived at the budgeted dollars requested.

This is calculated based on the previous years' history, average, and patterns of expenditures.

What phase of the project does this line item support?

Operations support.

What phase of the project is this line item in, as of January 2, 2017?

Planning.

Is this line item re-budgeted from a prior fiscal year?

No.



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Line Item Controlled Capital

Org- Key	Department / Fund Name	Obj	Line Item Description	Budget	Page No.
1342	Labor & Employee Relat	9031	Legal Posting Kiosks and Computer Monitors	49,000	15
Subtotal Capital - Human Resources and Organizational Development				\$ 49,000	



OCTA

Division:	04	Human Resources and Organizational Development	
OrgKey:	1342	Labor & Employee Relations	
Object:	9031	Furnitures & Fixtures	
Description:	Legal Posting Kiosks and Computer Monitors		
Quantity/Cost:	5 @ \$9,800		FY18-01975
Budget Request:	\$ 49,000		IFAS#: 1342-9031-A0001-EMJ

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Legal Posting Kiosks and Computer Monitors will be purchased for placement at various workplace locations at the OCTA Bases to replace bulletin boards maintained for mandated legal postings and policies.

Approximately 30 state and federally required postings must be accessible to employees and applicants and displayed at each work location in prominent areas. Some of these required postings are multiple pages. In addition, there are currently seven (7) of those English-language postings at OCTA required to be duplicated in one or more languages and more postings are anticipated to have this requirement in the future.

Space for hard copy postings has become inadequate; therefore, an electronic postings program has been developed by staff and piloted at the Administrative offices. This program has proven to accommodate all required postings. This program also allows for efficient and prompt mandatory updates to the postings as laws and policies change.

Please explain how you arrived at the budgeted dollars requested.

Information was given to the Labor & Employee Relations Department from the OCTA IS Department. All potential price quotes are retained for easy reference.

What phase of the project does this line item support?

This line item supports the start-up project in 2017 for these Legal Posting Kiosks and Computer Monitors.

What phase of the project is this line item in, as of January 2, 2017?

Start-Up phase of the project.

Is this line item re-budgeted from a prior fiscal year?

This is a new line item and is not re-budgeted from a prior fiscal year. This line item should be non-recurring once the initial fixtures are in place. The anticipated costs associated with this on a recurring basis will be legal updates, etc.



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Line Item Controlled Capital

Org-Key	Department / Fund Name	Obj	Line Item Description	Budget	Page No.
0001	General Fund	9021	Property Clearance Services – Lincoln Avenue in Anahei	175,000	22
0001	General Fund	9081	SR-73/I-405 (Connector B) - Right of Way Capital	45,000	23
0001	General Fund	9084	West County Connectors Replacement Planting Project -	760,000	24
0017	Local Transport Auth M	9025	I-405 Improvement Project - Construction Vehicles	78,000	25
0017	Local Transport Auth M	9081	I-405 Improvement Project - Right of Way Capital	36,120,410	26
0017	Local Transport Auth M	9081	I-5, Alicia Parkway to El Toro Rd. - Right of Way Capital	4,107,500	27
0017	Local Transport Auth M	9081	I-5, Oso Parkway to Alicia Parkway - Right of Way Capit	3,824,000	28
0017	Local Transport Auth M	9081	I-5, Pico to Vista Hermosa (Segment 1) - Right of Way C	100,000	29
0017	Local Transport Auth M	9081	I-5, SR-73 to Oso Parkway (Segment 1) - Right of Way C	15,000,000	30
0017	Local Transport Auth M	9081	Lakeview Avenue Grade Separation - Right of Way Capit	1,000,000	31
0017	Local Transport Auth M	9081	Raymond Avenue Grade Separation - Right of Way Capi	2,000,000	32
0017	Local Transport Auth M	9081	San Juan Creek Bridge Replacement - Right of Way Acq	500,000	33
0017	Local Transport Auth M	9081	SR-55 (I-405 to I-5) - Right of Way Land Acquisition	40,000	34
0017	Local Transport Auth M	9081	SR-91 WB (I-5 to SR-57) - Right of Way Capital	100,000	35
0017	Local Transport Auth M	9081	State College Boulevard Grade Separation - Right of Wa	2,000,000	36
0017	Local Transport Auth M	9082	I-405 Improvement Project - Right of Way Utilities	15,890,884	37
0017	Local Transport Auth M	9082	I-5, Pacific Coast Highway to San Juan Creek Road (Seg	300,000	38
0017	Local Transport Auth M	9082	I-5, Pico to Vista Hermosa (Segment 1) - Right of Way Ut	300,000	39
0017	Local Transport Auth M	9082	I-5, SR-73 to Oso Parkway (Segment 1) - Right of Way U	1,000,000	40
0017	Local Transport Auth M	9082	I-5, Vista Hermosa to Pacific Coast Highway (Segment 2	50,000	41
0017	Local Transport Auth M	9082	Kraemer Boulevard Grade Separation - Right of Way Util	20,000	42
0017	Local Transport Auth M	9082	Lakeview Avenue Grade Separation - Right of Way Utilit	400,000	43
0017	Local Transport Auth M	9082	Orangethorpe Avenue Grade Separation - Right of Way	300,000	44
0017	Local Transport Auth M	9082	San Juan Creek Bridge Replacement - Right of Way Utili	100,000	45
0017	Local Transport Auth M	9082	SR-55 (I-405 to I-5) - Right of Way Utilities	1,000,000	46
0017	Local Transport Auth M	9082	SR-91 WB (I-5 to SR-57) - Right of Way Utilities	50,000	47
0017	Local Transport Auth M	9082	Tustin Avenue/Rose Drive Grade Separation - Right of	200,000	48
0017	Local Transport Auth M	9083	Lakeview Avenue Grade Separation - Relocation Assista	10,000	49
0017	Local Transport Auth M	9083	Orangethorpe Avenue Grade Separation - Relocation As	10,000	50
0017	Local Transport Auth M	9083	Raymond Avenue Grade Separation - Relocation Assista	100,000	51
0017	Local Transport Auth M	9083	State College Boulevard Grade Separation - Relocation	100,000	52
0017	Local Transport Auth M	9084	I-405 Improvement Project - Cooperative Agreements	1,523,783	53
0017	Local Transport Auth M	9084	I-405 Improvement Project - Design-Build Contract Conti	8,000,000	54
0017	Local Transport Auth M	9084	I-5, Pico to Vista Hermosa (Segment 1) - Plant Establish	75,000	55
0017	Local Transport Auth M	9084	I-5, Pacific Coast Highway to San Juan Creek Road (Seg	5,000,000	56
0017	Local Transport Auth M	9084	I-5, Pacific Coast Highway to San Juan Creek Road (Seg	75,000	57
0017	Local Transport Auth M	9084	I-5, Pico to Vista Hermosa (Segment 1) - Caltrans Coope	71,503	58
0017	Local Transport Auth M	9084	I-5, Vista Hermosa to Pacific Coast Highway (Segment 2	3,172,000	60
0017	Local Transport Auth M	9084	I-5, Vista Hermosa to Pacific Coast Highway (Segment 2	150,000	59
0017	Local Transport Auth M	9084	Lakeview Avenue Grade Separation - Construction	1,000,000	61

Line Item Controlled Capital

Capital Programs Capital

Org-Key	Department / Fund Name	Obj	Line Item Description	Budget	Page No.
0017	Local Transport Auth M	9084	Lakeview Avenue Grade Separation - Construction and	50,000	62
0017	Local Transport Auth M	9084	Orangethorpe Avenue Grade Separation - Construction a	10,000	63
0017	Local Transport Auth M	9084	San Juan Creek Bridge Replacement - SCRRA Cooperat	6,375,000	64
0017	Local Transport Auth M	9084	SR-57 (Katella to Lincoln) Landscape Construction	2,140,000	65
0017	Local Transport Auth M	9084	SR-57 (Orangethorpe to Lambert) Landscape Constructi	150,000	66
0017	Local Transport Auth M	9084	SR-57 (Orangethorpe to Lambert) Landscape Constructi	2,700,000	67
0017	Local Transport Auth M	9084	SR-91 WB (I-5 to SR-57), Landscape Construction	2,000,000	68
0017	Local Transport Auth M	9084	Tustin Avenue/Rose Drive GS - Construction and Mainte	10,000	69
0017	Local Transport Auth M	9085	I-405 Improvement Project - Construction Management	3,150,000	70
0017	Local Transport Auth M	9085	I-405 Improvement Project - Project Management Consul	11,700,000	71
0017	Local Transport Auth M	9085	I-5, (SR-55 to SR-57) - Construction Management Servic	1,900,000	72
0017	Local Transport Auth M	9085	I-5, Pacific Coast Highway to San Juan Creek Road (Seg	1,400,000	73
0017	Local Transport Auth M	9085	I-5, Pico to Vista Hermosa (Segment 1) - Construction M	2,100,000	74
0017	Local Transport Auth M	9085	I-5, Vista Hermosa to Pacific Coast Highway (Segment 2	163,000	75
0017	Local Transport Auth M	9085	Kraemer Boulevard GS - Construction Project Managem	5,000	76
0017	Local Transport Auth M	9085	Lakeview Avenue GS - Construction Management	120,000	77
0017	Local Transport Auth M	9085	Orangethorpe Avenue GS - Construction Project Manag	25,000	78
0017	Local Transport Auth M	9085	Placentia Avenue GS - Construction Project Managemen	5,000	79
0017	Local Transport Auth M	9085	Raymond Avenue GS - Construction Project Manageme	150,000	80
0017	Local Transport Auth M	9085	San Juan Creek Bridge Replacement - SCRRA Cooperat	1,914,000	81
0017	Local Transport Auth M	9085	Sand Canyon Avenue GS - Construction Project Manage	10,000	82
0017	Local Transport Auth M	9085	SR-57 (Katella to Lincoln) Landscape Construction Mana	365,000	83
0017	Local Transport Auth M	9085	SR-57 (Orangethorpe to Lambert) Landscape Constructi	300,000	84
0017	Local Transport Auth M	9085	SR-91 WB (I-5 to SR-57), Landscape Construction Mana	260,000	85
0017	Local Transport Auth M	9085	State College Boulevard GS - Construction Project Mana	150,000	86
0017	Local Transport Auth M	9085	Tustin Avenue/Rose Drive GS - Construction Project Ma	25,000	87
0018	Measure M - Cure	9081	Anaheim Canyon Metrolink Station Improvement - Right	300,000	88
0018	Measure M - Cure	9082	Laguna Niguel/Mission Viejo Metrolink Station Improvem	100,000	89
0018	Measure M - Cure	9082	Laguna Niguel/San Juan Capistrano Passing Siding - Ri	500,000	90
0018	Measure M - Cure	9084	BNSF Agreement for Construction of Placentia Metrolink	4,500,000	91
0018	Measure M - Cure	9084	Customer Information Signage and Track Stabilization R	542,000	92
0018	Measure M - Cure	9084	Laguna Niguel/Mission Viejo Metrolink Station Improvem	320,000	93
0018	Measure M - Cure	9084	Laguna Niguel/San Juan Capistrano Passing Siding - Co	15,000,000	94
0018	Measure M - Cure	9084	LN/SJC Passing Siding - SCRRA Cooperative Agreeeme	5,850,000	95
0018	Measure M - Cure	9084	Metrolink Slope Stabilization - Construction	2,200,000	96
0018	Measure M - Cure	9084	Orange Metrolink Station Parking Structure - Constructio	18,200,000	97
0018	Measure M - Cure	9084	Placentia Metrolink Station - Construction	17,000,000	98
0018	Measure M - Cure	9085	Laguna Niguel/Mission Viejo Metrolink Station Improvem	100,000	99
0018	Measure M - Cure	9085	LN-SJC Passing Siding - Construction Management Ser	1,500,000	100
0018	Measure M - Cure	9085	Orange Metrolink Station Parking Structure - Constructio	1,600,000	101

Line Item Controlled Capital

Org-Key	Department / Fund Name	Obj	Line Item Description	Budget	Page No.
0018	Measure M - Cure	9085	Placentia Metrolink Station - Construction Management	570,000	102
0030	Orange County Transit	9021	Pacific Electric Railroad - Right of Way Acquisition	1,520,000	103
0036	91 Express Lanes	9027	91 Express Lanes Changeable Message Signs Replace	250,000	104
0037	I-405 Express Lane	9015	I-405 Improvement Project (Express Lanes) - Right of W	3,717,434	105
0037	I-405 Express Lane	9016	I-405 Improvement Project (Express Lanes) - Right of W	1,014,312	106
0037	I-405 Express Lane	9017	I-405 Improvement Project (Express Lane) - Design/Buil	2,200,000	107
0037	I-405 Express Lane	9017	I-405 Improvement Project (Express Lanes) - Cooperativ	429,785	108
0037	I-405 Express Lane	9018	I-405 Improvement Project - PMC Services (Express Lan	3,900,000	109
0037	I-405 Express Lane	9018	I-405 Improvement Project (Express Lanes) - Constructio	1,050,000	110
0037	I-405 Express Lane	9025	I-405 Improvement Project (Express Lanes) - Constructio	22,000	111
0051	Transit Development Ca	9015	Additional OC Streetcar Right of Way Acquisition	2,000,000	112
0051	Transit Development Ca	9015	OC Streetcar Right of Way Acquisition	4,740,826	113
0051	Transit Development Ca	9015	OC Streetcar Right of Way Relocation	2,181,166	114
0051	Transit Development Ca	9016	OC Streetcar Right of Way Utilities	500,000	115
0051	Transit Development Ca	9017	OC Streetcar Construction Services P10	36,719,440	116
0051	Transit Development Ca	9017	OC Streetcar Construction Services P20	4,485,793	117
0051	Transit Development Ca	9017	OC Streetcar Construction Services P30	33,963,937	118
0051	Transit Development Ca	9017	OC Streetcar Construction Services P40	43,781,200	119
0051	Transit Development Ca	9017	OC Streetcar Construction Services P50	41,173,469	120
0051	Transit Development Ca	9017	Transit Security & Operations Center Design	1,831,652	121
0051	Transit Development Ca	9018	OC Streetcar Construction Management	1,435,860	122
0051	Transit Development Ca	9024	OC Streetcar Vehicle Manufacturing and Delivery	48,677,385	123
0051	Transit Development Ca	9025	OC Streetcar Non Revenue Vehicles	507,423	124
0051	Transit Development Ca	9026	OC Streetcar Vehicle Tools/Equipment	4,732,745	125
1722	Facilities Engineering	9021	Property Clearance Services - Pacific Electric Railroad R	150,000	126
1722	Facilities Engineering	9022	Bridge Repair at Laguna Beach Transportation Center	20,000	127
1722	Facilities Engineering	9022	Building Canopy for VIS Equipment at Garden Grove Ba	30,000	128
1722	Facilities Engineering	9022	Bus Wash Mitigation Project	80,000	129
1722	Facilities Engineering	9022	Electrical Service for Liquid Hydrogen Fueling Station at	711,000	130
1722	Facilities Engineering	9022	Fire Protection Coating of Structural Steel in Maintenanc	200,000	131
1722	Facilities Engineering	9022	Heating Unit Replacements at Garden Grove Base Maint	29,000	132
1722	Facilities Engineering	9022	Heating-Ventilation Unit Replacements at Anaheim Base	447,380	133
1722	Facilities Engineering	9022	Hydrogen Gas Detection and Ventilation for 10 H2 Buses	415,000	134
1722	Facilities Engineering	9022	Miscellaneous Hard Surface Repairs at Transit Facilities	200,000	135
1722	Facilities Engineering	9022	Modify Ventilation and Gas Detection Systems at Santa	10,000	136
1722	Facilities Engineering	9022	Pedestrian Access to Santa Ana Base Operation Buildin	100,000	137
1722	Facilities Engineering	9022	Reconstruction of Asphalt Pavement at Fullerton Park an	225,000	138
1722	Facilities Engineering	9022	Removal of Liquefied Natural Gas Underground Storage	1,500,000	139
1722	Facilities Engineering	9022	Remove Battery Sump Pit at Garden Grove Base	15,000	140
1722	Facilities Engineering	9022	Remove Bus Benches on Bus Dock Platform at Newport	60,000	141

Line Item Controlled Capital

Org- Key	Department / Fund Name	Obj	Line Item Description	Budget	Page No.
1722	Facilities Engineering	9022	Replace Metal Siding and Framing at Bus Wash Building	180,000	142
1722	Facilities Engineering	9022	Replace Tile at Restrooms, Bus Docks/Route Signs, Am	250,000	143
1722	Facilities Engineering	9022	Replacement of Underground Storage Tanks	20,000	144
1722	Facilities Engineering	9022	Restroom Wall Repair and Suspended Ceiling Replacem	75,000	145
1722	Facilities Engineering	9022	Revitalization of Bus Dock Platform and Canopies at Full	350,000	146
1722	Facilities Engineering	9022	Roofing Replacement at Garden Grove Annex Lower Bui	50,000	147
1722	Facilities Engineering	9026	Security System Camera Upgrades at Santa Ana and Ga	1,200,000	148
Subtotal Capital - Capital Programs				\$ 457,358,887	



OCTA

Division:	15	Capital Programs	
OrgKey:	0001	General Fund	
Object:	9021	Cap Exp-Land-Loc Funded	
Description:	Property Clearance Services – Lincoln Avenue in Anaheim		
Quantity/Cost:	1 @ \$175,000		FY18-02850
Budget Request:	\$ 175,000		IFAS#: 0001-9021-F1110-F01

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

In 2004, the Orange County Transportation Authority acquired a parcel of land improved with a building and several tenants. The tenants are vacating in fiscal year 2018. Therefore, staff needs to procure demolition services to clear the property for a future transit project.

Please explain how you arrived at the budgeted dollars requested.

Based on industry standards for size and types of structures to be demolished and cleared from the parcel.

What phase of the project does this line item support?

The line item will support pre-construction phase of the project.

What phase of the project is this line item in, as of January 2, 2017?

Pre-construction phase.

Is this line item re-budgeted from a prior fiscal year?

No

Division:	15	Capital Programs	
OrgKey:	0001	General Fund	
Object:	9081	Right of Way- Land Acquisition	
Description:	SR-73/I-405 (Connector B) - Right of Way Capital		
Quantity/Cost:	1 @ \$45,000		FY18-02350
Budget Request:	\$ 45,000		IFAS#: 0001-9081-A9111-F01

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The scope of work for this project includes acquisition of properties and property rights. The budget request is for costs associated with right-of-way, including support services for the SR-73/I-405 (Connector B) Project.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support the right-of-way phase of work.

What phase of the project is this line item in, as of January 2, 2017?

Project closeout phase.

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0001	General Fund	
Object:	9084	Construction	
Description:	West County Connectors Replacement Planting Project - Caltrans Cooperative Agreement No. C-3-2093		
Quantity/Cost:	1 @ \$760,000		FY18-02266
Budget Request:	\$ 760,000		IFAS#: 0001-9084-F7200-F10

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Estimated change orders for the replacement planting services.

Please explain how you arrived at the budgeted dollars requested.

Estimated change orders.

What phase of the project does this line item support?

Construction.

What phase of the project is this line item in, as of January 2, 2017?

Construction.

Is this line item re-budgeted from a prior fiscal year?

Yes.

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9025	Cap Exp-Other Vehicles	
Description:	I-405 Improvement Project - Construction Vehicles		
Quantity/Cost:	2 @ \$39,000		FY18-02936
Budget Request:	\$ 78,000		IFAS#: 0017-9025-FK101-005

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The project will add new lanes, improve interchanges, and widen local overcrossings to the Interstate 405 Freeway. More specifically, the project will add one general purpose lane and one express lane in each direction. The new express lane and existing high-occupancy lane would be operated as a two-lane express facility in each direction. The budget request is for costs associated with the purchase of two (2) new sport utility vehicles (SUVs) to be used by OCTA staff during the design and construction of the general purpose lanes of the I-405 Improvement Project, including construction, meetings with the design-build contractor, field visits, and inspections. One of the new SUVs will be used to replace an old SUV that was purchased many years ago and is in need of major repairs. In addition, personal vehicles are prohibited from the construction site.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the total projected expenditures for the fiscal year at a rate of 78% of the M2 funding to cover costs related to the M2 Project K scope.

What phase of the project does this line item support?

This line item will support the design and construction phases of work.

What phase of the project is this line item in, as of January 2, 2017?

Design and construction phases (design-build contract)

Is this line item re-budgeted from a prior fiscal year?

No.

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9081	Right of Way- Land Acquisition	
Description:	I-405 Improvement Project - Right of Way Capital		
Quantity/Cost:	1 @ \$36,120,410		FY18-02097
Budget Request:	\$ 36,120,410		IFAS#: 0017-9081-FK101-0DW

Grant Funded: Prop 1B Capital \$325,084
 Account: 0017-6020-FK101-X14

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The scope of work includes the acquisition of properties and property rights from private and public owners for the project. These properties include temporary construction easements, public utility easements, aerial easements, wall easements, footing easements, and drainage easements. The budget request is for costs associated with the acquisition of properties and property rights for the general purpose lanes of the I-405 Improvement Project.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year related to the general purpose lanes (allocation by parcel).

What phase of the project does this line item support?

This line item will support the right-of-way phase.

What phase of the project is this line item in, as of January 2, 2017?

Right-of-way phase

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9081	Right of Way- Land Acquisition	
Description:	I-5, Alicia Parkway to El Toro Rd. - Right of Way Capital		
Quantity/Cost:	1 @ \$4,107,500		FY18-02386
Budget Request:	\$ 4,107,500		IFAS#: 0017-9081-FC106-06W

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The scope of work includes the acquisition of properties and property rights from private and public owners for the project. These properties include temporary construction easements, public utility easements, aerial easements, wall easements, footing easements, and drainage easements. The budget request is for costs associated with the acquisition of properties and property rights for the project.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year according to the cooperative agreement with Caltrans.

What phase of the project does this line item support?

Final Design.

What phase of the project is this line item in, as of January 2, 2017?

Final Design.

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9081	Right of Way- Land Acquisition	
Description:	I-5, Oso Parkway to Alicia Parkway - Right of Way Capital		
Quantity/Cost:	1 @ \$3,824,000		FY18-02385
Budget Request:	\$ 3,824,000		IFAS#: 0017-9081-FC105-06W

Grant Funded: STBG/RSTP Funds \$3,824,000
 Account: 0017-6048-FC105-XID

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The scope of work includes the acquisition of properties and property rights from private and public owners for the project. These acquisitions include temporary construction easements, public utility easements, aerial easements, wall easements, footing easements, and drainage easements. The budget request is for costs associated with the acquisition of properties and property rights for the project.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures from OCTA's cooperative agreement with Caltrans for the project.

What phase of the project does this line item support?

Final Design.

What phase of the project is this line item in, as of January 2, 2017?

Final Design.

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9081	Right of Way- Land Acquisition	
Description:	I-5, Pico to Vista Hermosa (Segment 1) - Right of Way Capital		
Quantity/Cost:	1 @ \$100,000		FY18-01905
Budget Request:	\$ 100,000		IFAS#: 0017-9081-FC101-N5R

Grant Funded: CMAQ \$100,000
 Account: 0017-6045-FC101-XEB

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The scope of work includes the acquisition of properties and property rights from private and public owners for the project. These acquisitions include temporary construction easements, public utility easements, aerial easements, wall easements, footing easements, and drainage easements. The budget request is for costs associated with the acquisition of properties and property rights for the project.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support both the right-of-way and construction phases of the work.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase.

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9081	Right of Way- Land Acquisition	
Description:	I-5, SR-73 to Oso Parkway (Segment 1) - Right of Way Capital		
Quantity/Cost:	1 @ \$15,000,000		FY18-01912
Budget Request:	\$ 15,000,000		IFAS#: 0017-9081-FC102-06W

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The scope of work includes the acquisition of properties and property rights from private and public owners for the project. These properties include temporary construction easements, public utility easements, aerial easements, wall easements, footing easements, and drainage easements. The budget request is for costs associated with the acquisition of properties and property rights for the project.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support both the Right-of-Way and Construction phases of the work.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9081	Right of Way- Land Acquisition	
Description:	Lakeview Avenue Grade Separation - Right of Way Capital		
Quantity/Cost:	1 @ \$1,000,000		FY18-01825
Budget Request:	\$ 1,000,000		IFAS#: 0017-9081-SO205-PK4

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The scope of work includes the acquisition of properties and property rights from private and public owners for the project. These acquisitions include temporary construction easements, public utility easements, aerial easements, wall easements, footing easements, and drainage easements. The budget request is for costs associated with the acquisition of properties and property rights for the project.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support both the right-of-way and construction phase of the work.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9081	Right of Way- Land Acquisition	
Description:	Raymond Avenue Grade Separation - Right of Way Capital		
Quantity/Cost:	1 @ \$2,000,000		FY18-01827
Budget Request:	\$ 2,000,000		IFAS#: 0017-9081-SO208-PK4

Grant Funded: Prop 1B Capital \$2,000,000
 Account: 0017-6020-SO208-XDP

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The scope of work includes the acquisition of properties and property rights from private and public owners for the project. These acquisitions include temporary construction easements, public utility easements, aerial easements, wall easements, footing easements, and drainage easements. The budget request is for costs associated with the acquisition of properties and property rights for the project.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support both the right-of-way and construction phases of the work.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9081	Right of Way- Land Acquisition	
Description:	San Juan Creek Bridge Replacement - Right of Way Acquisition Services		
Quantity/Cost:	1 @ \$500,000		FY18-01976
Budget Request:	\$ 500,000		IFAS#: 0017-9081-TR022-ODM

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The scope of work includes right-of-way acquisition from private and public property owners for the San Juan Creek Bridge Replacement project. Property rights will include Temporary Construction Easement (TCEs), permanent easements, and in-fee rights.

Please explain how you arrived at the budgeted dollars requested.

The budgeted amount is based on real estate department estimate.

What phase of the project does this line item support?

Right-of-Way (ROW) and Construction phases.

What phase of the project is this line item in, as of January 2, 2017?

Design

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9081	Right of Way- Land Acquisition	
Description:	SR-55 (I-405 to I-5) - Right of Way Land Acquisition		
Quantity/Cost:	1 @ \$40,000		FY18-02428
Budget Request:	\$ 40,000		IFAS#: 0017-9081-FF101-OKS

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The SR-55, I-405 to I-5 project will require right-of-way land acquisitions. The acquisition of properties and property rights required for project.

Please explain how you arrived at the budgeted dollars requested.

The budgeted amount estimates are based on early right-of-way efforts during the Design phase.

What phase of the project does this line item support?

Final Design and Right of Way phases.

What phase of the project is this line item in, as of January 2, 2017?

Environmental Design.

Is this line item re-budgeted from a prior fiscal year?

yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9081	Right of Way- Land Acquisition	
Description:	SR-91 WB (I-5 to SR-57) - Right of Way Capital		
Quantity/Cost:	1 @ \$100,000		FY18-01762
Budget Request:	\$ 100,000		IFAS#: 0017-9081-FH101-RW6

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

This line item is for funding the remaining right-of-way capital costs being finalized by Caltrans.

Please explain how you arrived at the budgeted dollars requested.

The budgeted amount is based on projected expenditures by Caltrans.

What phase of the project does this line item support?

Design phase.

What phase of the project is this line item in, as of January 2, 2017?

Construction.

Is this line item re-budgeted from a prior fiscal year?

No

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9081	Right of Way- Land Acquisition	
Description:	State College Boulevard Grade Separation - Right of Way Capital		
Quantity/Cost:	1 @ \$2,000,000		FY18-01826
Budget Request:	\$ 2,000,000		IFAS#: 0017-9081-SO207-PK4

Grant Funded: Reimb From Cities \$2,000,000
 Account: 0017-6062-SO207-XH1

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The scope of work includes the acquisition of properties and property rights from private and public owners for the project. These properties include temporary construction easements, public utility easements, aerial easements, wall easements, footing easements, and drainage easements. The budget request is for costs associated with the acquisition of properties and property rights for the project.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support both the right-of-way and construction phases of the project.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9082	Right of Way Utilities	
Description:	I-405 Improvement Project - Right of Way Utilities		
Quantity/Cost:	1 @ \$15,890,884		FY18-02098
Budget Request:	\$ 15,890,884		IFAS#: 0017-9082-FK101-0DW

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

To relocate multiple utilities for the I-405 improvement project prior to and during the design and construction phases of work. The budget request is for costs associated with these services for the general purpose lanes of the I-405 Improvement Project. The project will add new lanes, improve interchanges and widen local overcrossings to the San Diego Freeway from SR-73 in Costa Mesa to the an Gabriel River Freeway (Interstate 605) near the Orange County/Los Angeles County border.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year related to the general purpose lanes (Allocation by Utility).

What phase of the project does this line item support?

This line item will support the utility relocation phase of work.

What phase of the project is this line item in, as of January 2, 2017?

Utility relocation phase.

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9082	Right of Way Utilities	
Description:	I-5, Pacific Coast Highway to San Juan Creek Road (Segment 3) - Right of Way Utilities		
Quantity/Cost:	1 @ \$300,000		FY18-01908
Budget Request:	\$ 300,000		IFAS#: 0017-9082-FC104-N5R

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

To relocate multiple utilities for the project prior to and during the construction phase of work. The budget request is for costs associated with these services.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support both the utility relocation and construction phases of work.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9082	Right of Way Utilities	
Description:	I-5, Pico to Vista Hermosa (Segment 1) - Right of Way Utilities		
Quantity/Cost:	1 @ \$300,000		FY18-01906
Budget Request:	\$ 300,000		IFAS#: 0017-9082-FC101-N5R

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

To relocate multiple utilities for the project prior to and during the construction phase of work. The budget request is for costs associated with these services.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support both the utility relocation and construction phases of work.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9082	Right of Way Utilities	
Description:	I-5, SR-73 to Oso Parkway (Segment 1) - Right of Way Utilities		
Quantity/Cost:	1 @ \$1,000,000		FY18-01911
Budget Request:	\$ 1,000,000		IFAS#: 0017-9082-FC102-06W

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

To relocate multiple utilities prior to and during the construction phase of work for the I-5, SR-73 to Oso Parkway project. The budget request is for costs associated with these services. The project will add one general purpose lane in each direction, reconstruct Avery Parkway interchanges and add auxiliary lanes where needed.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support both the utility relocation and construction phase of work.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9082	Right of Way Utilities	
Description:	I-5, Vista Hermosa to Pacific Coast Highway (Segment 2) - Right of Way Utilities		
Quantity/Cost:	1 @ \$50,000		FY18-01907
Budget Request:	\$ 50,000		IFAS#: 0017-9082-FC103-N5R

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

To relocate multiple utilities for the project prior to and during the construction phase of work. The budget request is for costs associated with these services.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support both the utility relocation and construction phases of work.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase.

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9082	Right of Way Utilities	
Description:	Kraemer Boulevard Grade Separation - Right of Way Utilities		
Quantity/Cost:	1 @ \$20,000		FY18-02349
Budget Request:	\$ 20,000		IFAS#: 0017-9082-SO202-PK4

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

To relocate multiple utilities for the project prior to and during the construction phase of work. The budget request is for costs associated with these services for the Kraemer Boulevard Grade Separation project.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support both the right-of-way and construction phases of work.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9082	Right of Way Utilities	
Description:	Lakeview Avenue Grade Separation - Right of Way Utility Relocation		
Quantity/Cost:	1 @ \$400,000		FY18-01838
Budget Request:	\$ 400,000		IFAS#: 0017-9082-SO205-PK4

Grant Funded: CMAQ \$293,200
 Account: 0017-6045-SO205-XCB

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

To relocate multiple utilities for the project prior to and during the construction phase of work. The budget request is for costs associated with these services.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support both the right-of-way and construction phases of work.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase.

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9082	Right of Way Utilities	
Description:	Orangethorpe Avenue Grade Separation - Right of Way Utilities		
Quantity/Cost:	1 @ \$300,000		FY18-02220
Budget Request:	\$ 300,000		IFAS#: 0017-9082-SO206-PK4

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

To relocate multiple utilities for the project prior to and during the construction phase of work. The budget request is for costs associated with these services.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support both the right-of-way and construction phases of work.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase.

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9082	Right of Way Utilities	
Description:	San Juan Creek Bridge Replacement - Right of Way Utilities		
Quantity/Cost:	1 @ \$100,000		FY18-02360
Budget Request:	\$ 100,000		IFAS#: 0017-9082-TR022-0DM

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Relocate multiple utilities for the San Juan Creek Bridge replacement project prior to and during the construction phase of work.

Please explain how you arrived at the budgeted dollars requested.

Estimate is based on potential unknown utilities needing relocation.

What phase of the project does this line item support?

Right of Way (ROW) and construction.

What phase of the project is this line item in, as of January 2, 2017?

Design

Is this line item re-budgeted from a prior fiscal year?

No

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9082	Right of Way Utilities	
Description:	SR-55 (I-405 to I-5) - Right of Way Utilities		
Quantity/Cost:	1 @ \$1,000,000		FY18-02425
Budget Request:	\$ 1,000,000		IFAS#: 0017-9082-FF101-OKS

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

To relocate multiple utilities for the SR-55 (I-405 to I-5) project prior to the construction phase. The project will add new lanes (approximately 6 miles) on SR-55 between north of I-405 to south of I-5 connectors to increase freeway capacity and reduce congestion in central Orange County areas.

Please explain how you arrived at the budgeted dollars requested.

The budgeted amount is estimated based on priority utilities with long lead times.

What phase of the project does this line item support?

Final Design, Right of Way, and Construction.

What phase of the project is this line item in, as of January 2, 2017?

Environmental study.

Is this line item re-budgeted from a prior fiscal year?

yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9082	Right of Way Utilities	
Description:	SR-91 WB (I-5 to SR-57) - Right of Way Utilities		
Quantity/Cost:	1 @ \$50,000		FY18-01763
Budget Request:	\$ 50,000		IFAS#: 0017-9082-FH101-RW6

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Funding for trailing utility costs received from Sprint and Southern California Regional Rail Authority (SCRRA)

Please explain how you arrived at the budgeted dollars requested.

The budgeted amount is estimated based on priority utilities with long lead times.

What phase of the project does this line item support?

Design phase.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase.

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9082	Right of Way Utilities	
Description:	Tustin Avenue/Rose Drive Grade Separation - Right of Way Utilities		
Quantity/Cost:	1 @ \$200,000		FY18-02219
Budget Request:	\$ 200,000		IFAS#: 0017-9082-SO204-PK4

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

To relocate multiple utilities for the project prior to and during the construction phase of work. The budget request is for costs associated with these services.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support both the right-of-way and construction phases of work.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase.

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9083	Right of Way - Miscellaneous	
Description:	Lakeview Avenue Grade Separation - Relocation Assistance		
Quantity/Cost:	1 @ \$10,000		FY18-01835
Budget Request:	\$ 10,000		IFAS#: 0017-9083-SO205-PK4

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The scope of work includes the relocation assistance for persons and entities displaced during construction of the project. The budget request is for costs associated with these services.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support both the right-of-way and construction phase of work.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9083	Right of Way - Miscellaneous	
Description:	Orangethorpe Avenue Grade Separation - Relocation Assistance		
Quantity/Cost:	1 @ \$10,000		FY18-01834
Budget Request:	\$ 10,000		IFAS#: 0017-9083-SO206-PK4

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The scope of work includes the relocation assistance for persons and entities displaced during construction of the project. The budget request is for costs associated with these services.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support both the right-of-way and construction phase of work.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9083	Right of Way - Miscellaneous	
Description:	Raymond Avenue Grade Separation - Relocation Assistance		
Quantity/Cost:	1 @ \$100,000		FY18-01837
Budget Request:	\$ 100,000		IFAS#: 0017-9083-SO208-PK4

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The scope of work includes the relocation assistance for persons and entities displaced during construction of the project. The budget request is for costs associated with these services.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support both the right-of-way and construction phase of work.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9083	Right of Way - Miscellaneous	
Description:	State College Boulevard Grade Separation - Relocation Assistance		
Quantity/Cost:	1 @ \$100,000		FY18-01836
Budget Request:	\$ 100,000		IFAS#: 0017-9083-SO207-PK4

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The scope of work includes the relocation assistance for persons and entities displaced during construction of the project. The budget request is for costs associated with these services.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support both the right-of-way and construction phase of work.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9084	Construction	
Description:	I-405 Improvement Project - Cooperative Agreements		
Quantity/Cost:	1 @ \$1,523,783		FY18-01877
Budget Request:	\$ 1,523,783		IFAS#: 0017-9084-FK101-012

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

This work is being provided by existing cooperative agreements with local agencies along the project corridor, including the cities of Costa Mesa, Fountain Valley, Huntington Beach, Seal Beach, and Westminster, Orange County Flood Control District, Orange County Sanitation District, and California Highway Patrol. The work includes providing traffic engineering, police, and project support services as well as traffic control services. The budget request is for costs associated with these services for the general purpose lanes of the I-405 Improvement Project.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the total projected expenditures at a rate of 78% of M2 funding to cover costs related to the M2 Project K scope.

What phase of the project does this line item support?

This line item will support the design and construction phase of work.

What phase of the project is this line item in, as of January 2, 2017?

Design and construction phases (design-build contract)

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9084	Construction	
Description:	I-405 Improvement Project - Design-Build Contract Contingency		
Quantity/Cost:	1 @ \$8,000,000		FY18-02102
Budget Request:	\$ 8,000,000		IFAS#: 0017-9084-FK101-0GM
Grant Funded:	<input checked="" type="checkbox"/> Prop 1B Capital		\$72,000
Account:	0017-6020-FK101-XI4		

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

This work is being provided by an existing agreement with OC 405 Partners (C-5-3843). The project will add new lanes, improve interchanges and widen local overcrossings to the Interstate 405 freeway. More specifically, the project will add one general purpose lane and one express lane in each direction. The new express lane and existing high-occupancy vehicle lane would be operated as a two-lane express facility in each direction. The budget request is for project contingency to accommodate contract change orders during the design and construction of the general purpose lanes of the I-405 Improvement Project.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the total projected expenditures at a rate of 78% of M2 funding to cover costs related to the M2 Project K scope.

What phase of the project does this line item support?

This line item will support both the design and construction phase of work.

What phase of the project is this line item in, as of January 2, 2017?

Design and construction phases (design-build contract)

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9084	Construction	
Description:	I-5, Pico to Vista Hermosa (Segment 1) - Plant Establishment Period		
Quantity/Cost:	1 @ \$75,000		FY18-01915
Budget Request:	\$ 75,000		IFAS#: 0017-9084-FC101-0JV

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

To provide project advertisement, contract award, and administration of the contract for the plant establishment period contract through a cooperative agreement with Caltrans. The budget request is for costs associated with these services.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support the plant establishment period.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase.

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9084	Construction	
Description:	I-5, Pacific Coast Highway to San Juan Creek Road (Segment 3) - Caltrans Cooperative Agreement		
Quantity/Cost:	1 @ \$5,000,000		FY18-01902
Budget Request:	\$ 5,000,000		IFAS#: 0017-9084-FC104-073

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

To provide construction capital and construction management support services through a cooperative agreement with Caltrans for the I-5, Pacific Coast Highway to San Juan Creek Road project. The budget request is for costs associated with these services. The project will add new High Occupancy Vehicle (HOV) lanes on both directions of I-5 between Camino Estrella overcrossing to San Juan Creek Road undercrossing.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support the construction phase of work.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase.

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9084	Construction	
Description:	I-5, Pacific Coast Highway to San Juan Creek Road (Segment 3) - Plant Establishment Period		
Quantity/Cost:	1 @ \$75,000		FY18-01920
Budget Request:	\$ 75,000		IFAS#: 0017-9084-FC104-0JV

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

To provide project advertisement, contract award, and administration of the contract for the plant establishment period contract through a cooperative agreement with Caltrans. The budget request is for costs associated with these services.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support the plant establishment period.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9084	Construction	
Description:	I-5, Pico to Vista Hermosa (Segment 1) - Caltrans Cooperative Agreement		
Quantity/Cost:	1 @ \$71,503		FY18-01900
Budget Request:	\$ 71,503		IFAS#: 0017-9084-FC101-073

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

To provide construction capital and construction management support services through a cooperative agreement with Caltrans for the project. The budget request is for costs associated with these services.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support the construction phase of work.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs
OrgKey:	0017	Local Transport Auth Meas-M II
Object:	9084	Construction
Description:	I-5, Vista Hermosa to Pacific Coast Highway (Segment 2) - Caltrans Cooperative Agreement	
Quantity/Cost:	1 @ \$3,172,000	FY18-01901
Budget Request:	\$ 3,172,000	IFAS#: 0017-9084-FC103-073

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

To provide construction capital and construction management support services through a cooperative agreement with Caltrans for the I-5, Vista Hermosa to Pacific Coast Highway project. The budget request is for costs associated with these services. The project will add new High Occupancy Vehicle (HOV) lanes on both directions of I-5 between Avenida Vista Hermosa overcrossing and Pacific Coast Highway undercrossing.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support the construction phase of work.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9084	Construction	
Description:	I-5, Vista Hermosa to Pacific Coast Highway (Segment 2) - Plant Establishment Period		
Quantity/Cost:	1 @ \$150,000		FY18-01917
Budget Request:	\$ 150,000		IFAS#: 0017-9084-FC103-0JV

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

To provide project advertisement, contract award, and administration of the contract for the plant establishment period contract through a cooperative agreement with Caltrans. The budget request is for costs associated with these services.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support the plant establishment period.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs
OrgKey:	0017	Local Transport Auth Meas-M II
Object:	9084	Construction
Description:	Lakeview Avenue Grade Separation - Construction	
Quantity/Cost:	1 @ \$1,000,000	FY18-01803
Budget Request:	\$ 1,000,000	IFAS#: 0017-9084-SO205-PPJ

Grant Funded:	<input checked="" type="checkbox"/> Prop 1B Capital	\$721,700
Account:	0017-6020-SO205-XE4	
Grant Funded:	<input checked="" type="checkbox"/> Other Federal Capital Assist.	\$278,300
Account:	0017-6044-SO205-XE4	

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Lakeview Avenue overcrossing will be constructed between 240 feet south of Eisenhower Circle and at the north end of Orchard Drive, in the cities of Anaheim and Placentia. The project will include construction of a vehicular overpass on the Burlington Northern Santa Fe (BNSF) mainline tracks. Also included is a connector road from Orangethorpe Avenue to the new Lakeview Avenue overpass. The budget request is for costs associated with unforeseen changes during construction and closeout activities for the project.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support the construction phase of work.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase.

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9084	Construction	
Description:	Lakeview Avenue Grade Separation - Construction and Maintenance Agreement		
Quantity/Cost:	1 @ \$50,000		FY18-01811
Budget Request:	\$ 50,000		IFAS#: 0017-9084-SO205-QKD

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The work is being provided under an existing Construction & Maintenance Agreement (C-2-2125) with Burlington Northern Santa Fe (BNSF) for the Lakeview Avenue Grade Separation Project. The budget request is for costs associated with additional flagging and inspection services to be performed by BNSF staff, if required.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support the construction phase of work.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs
OrgKey:	0017	Local Transport Auth Meas-M II
Object:	9084	Construction

Description:	Orangethorpe Avenue Grade Separation - Construction and Maintenance Agreement	
Quantity/Cost:	1 @ \$10,000	FY18-02221
Budget Request:	\$ 10,000	IFAS#: 0017-9084-SO206-QKD

Grant Funded:	<input checked="" type="checkbox"/> Other Federal Capital Assist.	\$3,430
Account:	0017-6044-SO206-XDE	
Grant Funded:	<input checked="" type="checkbox"/> Prop 1B Capital	\$5,914
Account:	0017-6020-SO206-XD4	

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The work is being provided under an existing Construction & Maintenance Agreement (C-2-2125) with Burlington Northern Santa Fe (BNSF) for the Lakeview Avenue Grade Separation Project. The budget request is for costs associated with additional flagging and inspection services to be performed by BNSF staff, if required.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support the construction phase of work.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase.

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs
OrgKey:	0017	Local Transport Auth Meas-M II
Object:	9084	Construction

Description:	San Juan Creek Bridge Replacement - SCRRA Cooperative Construction Agreement	
Quantity/Cost:	1 @ \$6,375,000	FY18-02003
Budget Request:	\$ 6,375,000	IFAS#: 0017-9084-TR022-ODM

Grant Funded:	<input checked="" type="checkbox"/> FTA Other Operating Assistance	\$875,000
Account:	0017-6037-TR022-XI3	
Grant Funded:	<input checked="" type="checkbox"/> Prop 1B Capital	\$3,094,000
Account:	0017-6020-TR022-XJ4	
Grant Funded:	<input checked="" type="checkbox"/> Reimbursement Fr Other Agency's	\$2,406,000
Account:	0017-6053-TR022-ODM	

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

A cooperative agreement with Southern California Regional Rail Authority (SCRRA) to obtain a contractor to construct the bridge and other work included as part of the San Juan Creek Bridge replacement project. This project will replace a nearly 100 year old rail bridge in southern Orange County.

Please explain how you arrived at the budgeted dollars requested.

Approximately 25% of the estimated construction cost to be expensed for the fiscal year.

What phase of the project does this line item support?

Construction phase.

What phase of the project is this line item in, as of January 2, 2017?

Design.

Is this line item re-budgeted from a prior fiscal year?

No.

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9084	Construction	
Description:	SR-57 (Katella to Lincoln) Landscape Construction		
Quantity/Cost:	1 @ \$2,140,000		FY18-02408
Budget Request:	\$ 2,140,000		IFAS#: 0017-9084-FG101-ODN

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The scope of work includes the construction costs for the replacement planting project. The Environmental Commitment Record of the SR-57 widening project from Katella Ave to Lincoln Ave requires replacement planting to be completed. An existing Cooperative agreement with Caltrans states that OCTA will fund the replacement planting project with Measure M2 funds. Caltrans is to advertise, award and administer the contract for replacement planting. Payment is to be made in a lump sum prior to construction of replacement planting. OCTA consultants are scheduled to complete design by June 30, 2016 which will be followed by construction phase. Deliverable: Replacement Planting Construction.

Please explain how you arrived at the budgeted dollars requested.

The budgeted amount is estimated based on design documents.

What phase of the project does this line item support?

Construction phase.

What phase of the project is this line item in, as of January 2, 2017?

Final Design.

Is this line item re-budgeted from a prior fiscal year?

Yes.

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9084	Construction	
Description:	SR-57 (Orangethorpe to Lambert) Landscape Construction		
Quantity/Cost:	1 @ \$150,000		FY18-02409
Budget Request:	\$ 150,000		IFAS#: 0017-9084-FG103-T3V

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

This line item is for construction funding for replacement planting in City of Brea.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount is an estimate based on design documents and City of Brea estimate.

What phase of the project does this line item support?

Construction phase.

What phase of the project is this line item in, as of January 2, 2017?

Final Design.

Is this line item re-budgeted from a prior fiscal year?

No.

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9084	Construction	
Description:	SR-57 (Orangethorpe to Lambert) Landscape Construction		
Quantity/Cost:	1 @ \$2,700,000		FY18-02410
Budget Request:	\$ 2,700,000		IFAS#: 0017-9084-FG103-T3V

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The scope of work includes the construction costs for the replacement planting project. The Environmental Commitment Record of the SR-57 widening project from Orangethorpe Ave to Lambert Ave requires replacement planting to be completed. An existing Cooperative agreement with Caltrans states that OCTA will fund the replacement planting project with Measure M2 funds. Caltrans is to advertise, award and administer the contract for replacement planting. Payment is to be made in a lump sum prior to construction of replacement planting. OCTA consultants are scheduled to complete design by June 30, 2016 which will be followed by construction phase. Deliverable: Replacement Planting Construction.

Please explain how you arrived at the budgeted dollars requested.

The budgeted amount requested is an estimate based on design documents.

What phase of the project does this line item support?

Construction phase.

What phase of the project is this line item in, as of January 2, 2017?

Final Design.

Is this line item re-budgeted from a prior fiscal year?

Yes.

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9084	Construction	
Description:	SR-91 WB (I-5 to SR-57), Landscape Construction		
Quantity/Cost:	1 @ \$2,000,000		FY18-01756
Budget Request:	\$ 2,000,000		IFAS#: 0017-9084-FH101-0ED

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Funds are required per the terms of the existing cooperative agreement (C-4-1347) with Caltrans to reimburse construction costs. Scope for the SR-91 WB (I-5 to SR-57) landscape project includes construction capital which consists of trenching, irrigation piping, control valves, sprinkler heads, control boxes, weed control, grading and plants.

Please explain how you arrived at the budgeted dollars requested.

The budgeted amount is based on expected expenditures for the fiscal year under the existing contract.

What phase of the project does this line item support?

Construction phase.

What phase of the project is this line item in, as of January 2, 2017?

Design phase.

Is this line item re-budgeted from a prior fiscal year?

Yes

Division: 15 Capital Programs
OrgKey: 0017 Local Transport Auth Meas-M II
Object: 9084 Construction

Description: Tustin Avenue/Rose Drive GS - Construction and Maintenance Agreement
Quantity/Cost: 1 @ \$10,000 FY18-02222
Budget Request: \$ 10,000 IFAS#: 0017-9084-SO204-QKD

Grant Funded:	<input checked="" type="checkbox"/> Prop 1B Capital	\$2,247
Account:	0017-6020-SO204-XCD	
Grant Funded:	<input checked="" type="checkbox"/> STBG/RSTP Funds	\$6,644
Account:	0017-6048-SO204-XCD	

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The work is being provided under an existing Construction & Maintenance Agreement C-2-2125 with Burlington Northern Santa Fe (BNSF) for the Lakeview Avenue Grade Separation Project. The budget request is for costs associated with additional flagging and inspection services to be performed by BNSF staff, if required.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support the construction phase of work.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9085	Construction Management	
Description:	I-405 Improvement Project - Construction Management Consultant Support Services		
Quantity/Cost:	1 @ \$3,150,000		FY18-02103
Budget Request:	\$ 3,150,000		IFAS#: 0017-9085-FK101-0DY
Grant Funded:	<input checked="" type="checkbox"/> Prop 1B Capital		\$28,350
Account:	0017-6020-FK101-X14		

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Consultant shall assist the OCTA by providing staff assistance and technical expertise to manage the construction phase of the project and to administer the contract. Consultant management services include, but not limited to, administration of the construction contract, coordination of the activities of the contractor with the services of the project design engineer, performance of quality assurance inspections and management of independent quality assurance testing, preparation of daily construction activity reports, performance of control point and benchmark surveying, communications between contractor and all other project participants, processing, collecting and maintaining of project communications and records, reviewing and recommending of contractor progress payments, processing of change order requests, implementing and processing change orders, processing claims. The budget request is for costs associated with these services related to the general purpose lanes of the I-405 Improvement Project.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the total projected expenditures at a rate of 75% of the M2 funding to cover costs related to the M2 Project K scope for the general purpose lanes.

What phase of the project does this line item support?

This line item will support both the design and construction phase of work.

What phase of the project is this line item in, as of January 2, 2017?

Design and construction phases (Design-build contract)

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9085	Construction Management	
Description:	I-405 Improvement Project - Project Management Consultant Services		
Quantity/Cost:	1 @ \$11,700,000		FY18-01845
Budget Request:	\$ 11,700,000		IFAS#: 0017-9085-FK101-TZF

Grant Funded: Prop 1B Capital \$105,300
 Account: 0017-6020-FK101-X14

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The program management consultant shall assist the OCTA in providing staff assistance and technical expertise to help manage the I-405, SR-55 to I-605 design-build project. Consultant shall assist the OCTA's Highway Programs in planning, managing, and controlling the overall project from environmental to construction completion. The budget request is for costs associated with these services for the general purpose lanes of the I-405 Improvement Project.

What are the qualifications required for this line item? Example: Expert-level JAVA programmer to enhance website.

The qualifications required for this line item are right-of-way and program management support professionals.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the total projected expenditures for the fiscal year at a rate of 75% for M2 funding to cover costs related to the M2 Project K scope.

What phase of the project does this line item support?

This line item will support the environmental, design, right-of-way, and construction phases.

What phase of the project is this line item currently in, as of January 2, 2017?

Design, right-of-way, and construction phases (design-build contract)

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9085	Construction Management	
Description:	I-5, (SR-55 to SR-57) - Construction Management Services		
Quantity/Cost:	1 @ \$1,900,000		FY18-02414
Budget Request:	\$ 1,900,000		IFAS#: 0017-9085-FA101-0NY

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

This line item is for professional engineering services for construction management for the I-5 (SR-55 to SR-57) project. This project will remove the existing barrier between the High Occupancy Vehicle (HOV) lane and general-purpose lanes, add a second HOV lane adjacent to the existing HOV lane and restripe for a continuous ingress/egress access. This alternative will also remove the I-5 Main Street HOV on and off-ramps.

Please explain how you arrived at the budgeted dollars requested.

The budgeted amount is an estimate based on design documents and workshare split with Caltrans.

What phase of the project does this line item support?

Construction phase.

What phase of the project is this line item in, as of January 2, 2017?

Final Design.

Is this line item re-budgeted from a prior fiscal year?

No.

Division:	15	Capital Programs
OrgKey:	0017	Local Transport Auth Meas-M II
Object:	9085	Construction Management
Description:	I-5, Pacific Coast Highway to San Juan Creek Road (Segment 3) - Construction Management Services	
Quantity/Cost:	1 @ \$1,400,000	FY18-01897
Budget Request:	\$ 1,400,000	IFAS#: 0017-9085-FC104-071

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Consultant to assist the Authority by providing staff assistance and technical expertise to help manage the construction phase of the I-5, PCH to San Juan Creek Road (Segment 3) project. Consultant under this existing agreement shall function as an extension of Authority staff and supplement Authority staff by providing specialized expertise as required to effectively manage the construction program. Under the scope of work, Consultant shall assist Authority staff in the oversight, management, and completion of all work associated with the construction of the project. The budget request is for costs associated with these services.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support the construction phase of the work.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9085	Construction Management	
Description:	I-5, Pico to Vista Hermosa (Segment 1) - Construction Management Services		
Quantity/Cost:	1 @ \$2,100,000		FY18-01895
Budget Request:	\$ 2,100,000		IFAS#: 0017-9085-FC101-071

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Consultant to assist the Authority by providing staff assistance and technical expertise to help manage the construction phase of the I-5, Pico to Vista Hermosa project. Consultant under this existing agreement shall function as an extension of Authority staff and supplement Authority staff by providing specialized expertise as required to effectively manage the construction program. Under the scope of work, Consultant shall assist Authority staff in the oversight, management, and completion of all work associated with the construction of the projects. The budget request is for costs associated with these services.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support the construction phase of the work.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9085	Construction Management	
Description:	I-5, Vista Hermosa to Pacific Coast Highway (Segment 2) - Construction Management Services		
Quantity/Cost:	1 @ \$163,000		FY18-01896
Budget Request:	\$ 163,000		IFAS#: 0017-9085-FC103-071

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Consultant to assist the Authority by providing staff assistance and technical expertise to help manage the construction phase of the Vista Hermosa to Pacific Coast Highway (PCH) project. Consultant under this existing agreement shall function as an extension of Authority staff and supplement Authority staff by providing specialized expertise as required to effectively manage the construction program. Under the scope of work, Consultant shall assist Authority staff in the oversight, management, and completion of all work associated with the construction of the projects. The budget request is for costs associated with these services.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support the construction phase of the work.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9085	Construction Management	
Description:	Kraemer Boulevard GS - Construction Project Management Consultant		
Quantity/Cost:	1 @ \$5,000		FY18-01820
Budget Request:	\$ 5,000		IFAS#: 0017-9085-SO202-PPJ

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Consultant to assist the Authority by providing staff assistance and technical expertise to help manage the construction phase of the Grade Separation Projects. Consultant under this existing agreement shall function as an extension of Authority staff and supplement Authority staff by providing specialized expertise as required to effectively manage the construction program. Under the scope of work, Consultant shall assist Authority staff in the oversight, management, and completion of all work associated with the construction of the projects. The budget request is for costs associated with these services.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support the construction phase of the work.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase.

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9085	Construction Management	
Description:	Lakeview Avenue GS - Construction Management		
Quantity/Cost:	1 @ \$120,000		FY18-01802
Budget Request:	\$ 120,000		IFAS#: 0017-9085-SO205-PPJ

Grant Funded:	<input checked="" type="checkbox"/>	Other Federal Capital Assist.	\$33,396
Account:		0017-6044-SO205-XE4	
Grant Funded:	<input checked="" type="checkbox"/>	Prop 1B Capital	\$64,692
Account:		0017-6020-SO205-XE4	

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Consultant shall assist the OCTA by providing staff assistance and technical expertise to manage the construction phase of the project and to administer the contract. Consultant management services include, but not limited to, administration of the construction contract, coordination of the activities of the contractor with the services of the project design engineer, performance of quality assurance inspections and management of independent quality assurance testing, preparation of daily construction activity reports, performance of control point and benchmark surveying, communications between contractor and all other project participants, processing, collecting and maintaining of project communications and records, reviewing and recommending of contractor progress payments, processing of change order requests, implementing and processing change orders, processing claims. The budget request is for costs associated with these services.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support the construction phase of work.

What phase of the project is this line item in, as of January 2, 2017?

Construction Phase

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9085	Construction Management	
Description:	Orangethorpe Avenue GS - Construction Project Management Consultant		
Quantity/Cost:	1 @ \$25,000		FY18-01822
Budget Request:	\$ 25,000		IFAS#: 0017-9085-SO206-PPJ

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Consultant to assist the Authority by providing staff assistance and technical expertise to help manage the construction phase of the Grade Separation Projects. Consultant under this existing agreement shall function as an extension of Authority staff and supplement Authority staff by providing specialized expertise as required to effectively manage the construction program. Under the scope of work, Consultant shall assist Authority staff in the oversight, management, and completion of all work associated with the construction of the projects. The budget request is for costs associated with these services.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support the construction phase of the work.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase.

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9085	Construction Management	
Description:	Placentia Avenue GS - Construction Project Management Consultant		
Quantity/Cost:	1 @ \$5,000		FY18-01819
Budget Request:	\$ 5,000		IFAS#: 0017-9085-SO203-PPJ

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Consultant to assist the Authority by providing staff assistance and technical expertise to help manage the construction phase of the Grade Separation Projects. Consultant under this existing agreement shall function as an extension of Authority staff and supplement Authority staff by providing specialized expertise as required to effectively manage the construction program. Under the scope of work, Consultant shall assist Authority staff in the oversight, management, and completion of all work associated with the construction of the projects. The budget request is for costs associated with these services.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support the construction phase of the work.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase.

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9085	Construction Management	
Description:	Raymond Avenue GS - Construction Project Management Consultant		
Quantity/Cost:	1 @ \$150,000		FY18-01824
Budget Request:	\$ 150,000		IFAS#: 0017-9085-SO208-PPJ

Grant Funded: Reimb From Cities \$150,000
 Account: 0017-6062-SO208-XH1

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Consultant to assist the Authority by providing staff assistance and technical expertise to help manage the construction phase of the Grade Separation Projects. Consultant under this existing agreement shall function as an extension of Authority staff and supplement Authority staff by providing specialized expertise as required to effectively manage the construction program. Under the scope of work, Consultant shall assist Authority staff in the oversight, management, and completion of all work associated with the construction of the projects. The budget request is for costs associated with these services.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support the construction phase of the work.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs
OrgKey:	0017	Local Transport Auth Meas-M II
Object:	9085	Construction Management
Description:	San Juan Creek Bridge Replacement - SCRRA Cooperative Agreement for Construction Management Services	
Quantity/Cost:	1 @ \$1,914,000	FY18-02011
Budget Request:	\$ 1,914,000	IFAS#: 0017-9085-TR022-ODM

Grant Funded: Reimbursement Fr Other Agencies \$1,914,000
 Account: 0017-6053-TR022-ODM

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

A qualified construction management firm to manage the construction phase of the project. The firm will provide project personnel to supervise the project and keep in compliance with contract requirements. This project will replace a nearly 100 year old rail bridge.

Please explain how you arrived at the budgeted dollars requested.

The budgeted amount is an estimate for construction management services based on projected expenditures for the fiscal year.

What phase of the project does this line item support?

Construction phase.

What phase of the project is this line item in, as of January 2, 2017?

Design phase.

Is this line item re-budgeted from a prior fiscal year?

No

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9085	Construction Management	
Description:	Sand Canyon Avenue GS - Construction Project Management Consultant		
Quantity/Cost:	1 @ \$10,000		FY18-02217
Budget Request:	\$ 10,000		IFAS#: 0017-9085-TR202-T9D

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Consultant to assist the Authority by providing staff assistance and technical expertise to help manage the construction phase of the Grade Separation Projects. Consultant under this existing agreement shall function as an extension of Authority staff and supplement Authority staff by providing specialized expertise as required to effectively manage the construction program. Under the scope of work, Consultant shall assist Authority staff in the oversight, management, and completion of all work associated with the construction of the projects. The budget request is for costs associated with these services.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support the construction phase of the work.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9085	Construction Management	
Description:	SR-57 (Katella to Lincoln) Landscape Construction Management		
Quantity/Cost:	1 @ \$365,000		FY18-02412
Budget Request:	\$ 365,000		IFAS#: 0017-9085-FG101-0DN

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Reimbursement for Caltrans construction management services.

Please explain how you arrived at the budgeted dollars requested.

Based on projected expenditures under Caltrans Cooperative Agreement C-3-1964.

What phase of the project does this line item support?

Construction phase.

What phase of the project is this line item in, as of January 2, 2017?

Final design.

Is this line item re-budgeted from a prior fiscal year?

Yes.

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9085	Construction Management	
Description:	SR-57 (Orangethorpe to Lambert) Landscape Construction Management		
Quantity/Cost:	1 @ \$300,000		FY18-02413
Budget Request:	\$ 300,000		IFAS#: 0017-9085-FG103-HGU

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Caltrans construction management services for landscape work on SR-57 between Orangethorpe to Lambert.

Please explain how you arrived at the budgeted dollars requested.

The projected expenditures based on Caltrans Cooperative Agreement C-1-2843.

What phase of the project does this line item support?

Construction phase.

What phase of the project is this line item in, as of January 2, 2017?

Final design.

Is this line item re-budgeted from a prior fiscal year?

Yes.

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9085	Construction Management	
Description:	SR-91 WB (I-5 to SR-57), Landscape Construction Management		
Quantity/Cost:	1 @ \$260,000		FY18-01757
Budget Request:	\$ 260,000		IFAS#: 0017-9085-FH101-0EE

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Funding required per the terms of an existing cooperative agreement (C-4-1347) with Caltrans to reimburse for construction management services.

Please explain how you arrived at the budgeted dollars requested.

Per the terms of the existing cooperative agreement (C-4-1347).

What phase of the project does this line item support?

Construction phase.

What phase of the project is this line item in, as of January 2, 2017?

Design phase.

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9085	Construction Management	
Description:	State College Boulevard GS - Construction Project Management Consultant		
Quantity/Cost:	1 @ \$150,000		FY18-01823
Budget Request:	\$ 150,000		IFAS#: 0017-9085-SO207-PPJ
Grant Funded:	<input checked="" type="checkbox"/> Reimb From Cities		\$150,000
Account:	0017-6062-SO207-XH1		

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Consultant to assist the Authority by providing staff assistance and technical expertise to help manage the construction phase of the Grade Separation Projects. Consultant under this existing agreement shall function as an extension of Authority staff and supplement Authority staff by providing specialized expertise as required to effectively manage the construction program. Under the scope of work, Consultant shall assist Authority staff in the oversight, management, and completion of all work associated with the construction of the projects. The budget request is for costs associated with these services.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support the construction phase of the work.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase.

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0017	Local Transport Auth Meas-M II	
Object:	9085	Construction Management	
Description:	Tustin Avenue/Rose Drive GS - Construction Project Management Consultant		
Quantity/Cost:	1 @ \$25,000		FY18-01821
Budget Request:	\$ 25,000		IFAS#: 0017-9085-SO204-PPJ

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Consultant to assist the Authority by providing staff assistance and technical expertise to help manage the construction phase of the Grade Separation Projects. Consultant under this existing agreement shall function as an extension of Authority staff and supplement Authority staff by providing specialized expertise as required to effectively manage the construction program. Under the scope of work, Consultant shall assist Authority staff in the oversight, management, and completion of all work associated with the construction of the projects. The budget request is for costs associated with these services.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support?

This line item will support the construction phase of the work.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase.

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0018	Measure M - Cure	
Object:	9081	Right of Way- Land Acquisition	
Description:	Anaheim Canyon Metrolink Station Improvement - Right of Way		
Quantity/Cost:	1 @ \$300,000		FY18-01995
Budget Request:	\$ 300,000		IFAS#: 0018-9081-C5061-TXD

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Acquisition of temporary construction easement for Anaheim Canyon Metrolink station improvements, including the removal of and relocation of two driveways. The Anaheim Canyon Station improvement project will increase the capacity of the station to accommodate additional rail service, as well as improve reliability, on-time performance, and safety.

Please explain how you arrived at the budgeted dollars requested.

The dollar amount is based on previous costs from similar projects.

What phase of the project does this line item support?

Right-of-Way (ROW) acquisition.

What phase of the project is this line item in, as of January 2, 2017?

Preliminary design is 30% complete.

Is this line item re-budgeted from a prior fiscal year?

No

Division:	15	Capital Programs
OrgKey:	0018	Measure M - Cure
Object:	9082	Right of Way Utilities
Description:	Laguna Niguel/Mission Viejo Metrolink Station Improvements - Right of Way Utility Relocation	
Quantity/Cost:	1 @ \$100,000	FY18-02041
Budget Request:	\$ 100,000	IFAS#: 0018-9082-C5066-N0H

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Work includes utility relocation work that will involve a third party to design and relocate utilities related to the Laguna Niguel / Mission Viejo Station project. Utility could be wet and/or dry.

Please explain how you arrived at the budgeted dollars requested.

Estimate for potential unknown utilities discovery during construction.

What phase of the project does this line item support?

Construction phase.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase.

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0018	Measure M - Cure	
Object:	9082	Right of Way Utilities	

Description:	Laguna Niguel/San Juan Capistrano Passing Siding - Right of Way Utility Relocation		
Quantity/Cost:	1 @ \$500,000		FY18-02042
Budget Request:	\$ 500,000		IFAS#: 0018-9082-C5051-TZ2

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Work includes utility (wet/dry) relocation work to be designed and relocated for the Laguna Niguel - San Juan Capistrano passing siding project. The Laguna Niguel - San Juan Capistrano passing siding project proposes the addition of 1.8 miles of new passing siding track adjacent to the existing main track in the City of San Juan Capistrano and the City of Laguna Niguel which will result in reducing congestion and improving reliability.

Please explain how you arrived at the budgeted dollars requested.

Estimate based on potential unknown utilities that could be encountered during construction.

What phase of the project does this line item support?

Construction phase.

What phase of the project is this line item in, as of January 2, 2017?

Design phase.

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0018	Measure M - Cure	
Object:	9084	Construction	
Description:	BNSF Agreement for Construction of Placentia Metrolink Station		
Quantity/Cost:	1 @ \$4,500,000		FY18-01950
Budget Request:	\$ 4,500,000		IFAS#: 0018-9084-A4472-HH1

Grant Funded: Transfers in from MMII \$4,500,000
 Account: 0018-6524-A4472-HH1

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The construction of the new Placentia Metrolink station will include the construction of approximately 2.4 miles of railroad track. This portion of the project will be completed by BNSF, as they own the right of way in this area. A Construction and Maintenance agreement between OCTA and BNSF is needed to fund the construction of the rail work.

Please explain how you arrived at the budgeted dollars requested.

Estimate of work is based on 30% design.

What phase of the project does this line item support?

Construction phase.

What phase of the project is this line item in, as of January 2, 2017?

Design phase.

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0018	Measure M - Cure	
Object:	9084	Construction	
Description:	Customer Information Signage and Track Stabilization Rehab - SCRRA Cooperative Construction		
Quantity/Cost:	1 @ \$542,000		FY18-02039
Budget Request:	\$ 542,000		IFAS#: 0018-9084-C5063-0GT

Grant Funded: FTA Sec 5307 Operating Assist \$433,600
 Account: 0018-6032-C5063-LDK

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Construction of customer information signage and related systems at the Laguna Niguel / Mission Viejo Metrolink Station.

Please explain how you arrived at the budgeted dollars requested.

Estimate from Southern California Regional Rail Authority (SCRRA).

What phase of the project does this line item support?

Construction phase.

What phase of the project is this line item in, as of January 2, 2017?

Concept.

Is this line item re-budgeted from a prior fiscal year?

No

Division:	15	Capital Programs
OrgKey:	0018	Measure M - Cure
Object:	9084	Construction
Description:	Laguna Niguel/Mission Viejo Metrolink Station Improvements - Construction	
Quantity/Cost:	1 @ \$320,000	FY18-02012
Budget Request:	\$ 320,000	IFAS#: 0018-9084-C5066-N0H

Grant Funded: FTA Other Operating Assistance \$320,000
 Account: 0018-6037-C5066-XFB

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The Laguna Niguel / Mission Viejo Station project will provide the public with reliable Station access and fewer missed trips due to out-of-service elevators. This covers field changes related to contract change orders.

Please explain how you arrived at the budgeted dollars requested.

The budgeted amount is based on approximately 10% of the contract value.

What phase of the project does this line item support?

Construction phase.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase.

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0018	Measure M - Cure	
Object:	9084	Construction	
Description:	Laguna Niguel/San Juan Capistrano Passing Siding - Construction		
Quantity/Cost:	1 @ \$15,000,000		FY18-02040
Budget Request:	\$ 15,000,000		IFAS#: 0018-9084-C5051-TZ2

Grant Funded:	<input checked="" type="checkbox"/> Prop 116 Capital	\$2,483,000
Account:	0018-6022-C5051-XI2	
Grant Funded:	<input checked="" type="checkbox"/> FTA Other Operating Assistance	\$2,556,000
Account:	0018-6037-C5051-LI3	
Grant Funded:	<input checked="" type="checkbox"/> FTA Other Operating Assistance	\$9,961,000
Account:	0018-6037-C5051-LI3	

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Construction of the passing siding tracks, signals, retaining walls, bridge, and other aspects of the Laguna Niguel - San Juan Capistrano passing siding project. The Laguna Niguel - San Juan Capistrano passing siding project proposes the addition of 1.8 miles of new passing siding track adjacent to the existing main track in the City of San Juan Capistrano and the City of Laguna Niguel which will result in reducing congestion and improving reliability.

Please explain how you arrived at the budgeted dollars requested.

Estimate provided by Engineer.

What phase of the project does this line item support?

Construction

What phase of the project is this line item in, as of January 2, 2017?

Construction

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs
OrgKey:	0018	Measure M - Cure
Object:	9084	Construction

Description: LN/SJC Passing Siding - SCRRA Cooperative Agreement
Construction and Support Services

Quantity/Cost: 1 @ \$5,850,000 FY18-02045
Budget Request: \$ 5,850,000 IFAS#: 0018-9084-C5051-TZ2

Grant Funded:	<input checked="" type="checkbox"/> FTA Other Operating Assistance	\$3,600,000
Account:	0018-6037-C5051-LI3	
Grant Funded:	<input checked="" type="checkbox"/> STIP Capital Assistance	\$2,250,000
Account:	0018-6021-C5051-XIS	

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

To construct signal and communications systems needed for the Laguna Niguel - San Juan Capistrano (LN/SJC) passing siding project. The project will include adding and removing railroad control points, signal houses, positive train control, and communication systems. The Laguna Niguel - San Juan Capistrano passing siding project proposes the addition of 1.8 miles of new passing siding track adjacent to the existing main track in the City of San Juan Capistrano and the City of Laguna Niguel which will result in reducing congestion and improving reliability.

Please explain how you arrived at the budgeted dollars requested.

Estimate provided by the Southern California Regional Rail Authority (SCRRA).

What phase of the project does this line item support?

Construction phase.

What phase of the project is this line item in, as of January 2, 2017?

Design phase.

Is this line item re-budgeted from a prior fiscal year?

No

Division:	15	Capital Programs	
OrgKey:	0018	Measure M - Cure	
Object:	9084	Construction	
Description:	Metrolink Slope Stabilization - Construction		
Quantity/Cost:	1 @ \$2,200,000		FY18-02326
Budget Request:	\$ 2,200,000		IFAS#: 0018-9084-C5052-0NC

Grant Funded:	<input checked="" type="checkbox"/>	FTA 5337 Fixed Guideway/Bus Capital Assistance	\$2,000,000
Account:		0018-6049-C5052-MIK	
Grant Funded:	<input checked="" type="checkbox"/>	FTA Other Operating Assistance	\$200,000
Account:		0018-6037-C5052-MD3	

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Repair and replace existing infrastructure within the railroad operating right-of-way (ROW) for the slope stabilization project. The slope stabilization project will repair existing erosion and slope failures that support railroad tracks at multiple locations within the OCTA-owned operating railroad right-of-way.

Please explain how you arrived at the budgeted dollars requested.

Based on Engineering estimate.

What phase of the project does this line item support?

Construction phase.

What phase of the project is this line item in, as of January 2, 2017?

Design phase.

Is this line item re-budgeted from a prior fiscal year?

No

Division:	15	Capital Programs
OrgKey:	0018	Measure M - Cure
Object:	9084	Construction
Description:	Orange Metrolink Station Parking Structure - Construction	
Quantity/Cost:	1 @ \$18,200,000	FY18-01982
Budget Request:	\$ 18,200,000	IFAS#: 0018-9084-T5422-P3F

Grant Funded:	<input checked="" type="checkbox"/> STIP Capital Assistance	\$7,552,503
Account:	0018-6021-T5422-XHS	
Grant Funded:	<input checked="" type="checkbox"/> FTA Sec 5307 Operating Assist	\$1,135,000
Account:	0018-6032-T5422-LI3	
Grant Funded:	<input checked="" type="checkbox"/> FTA Sec 5307 Operating Assist	\$1,750,497
Account:	0018-6032-T5422-LI3	
Grant Funded:	<input checked="" type="checkbox"/> FTA Sec 5307 Operating Assist	\$1,188,000
Account:	0018-6032-T5422-LI3	
Grant Funded:	<input checked="" type="checkbox"/> Reimb From Cities	\$3,276,000
Account:	0018-6062-T5422-P3F	

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Construction of the Orange Metrolink station parking structure project per the final plans and specifications. The Orange parking structure is an approximately 611 space, 5 level, shared-use parking structure that will be located on Lemon Street between Chapman Avenue and Maple Street. Approximately 500 of the spaces will be for transit use and 111 spaces will be for the City of Orange general purpose use.

Please explain how you arrived at the budgeted dollars requested.

The budgeted amount was calculated based off the Engineer's estimate.

What phase of the project does this line item support?

Construction phase.

What phase of the project is this line item in, as of January 2, 2017?

Out to bid.

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0018	Measure M - Cure	
Object:	9084	Construction	
Description:	Placentia Metrolink Station - Construction		
Quantity/Cost:	1 @ \$17,000,000		FY18-01951
Budget Request:	\$ 17,000,000		IFAS#: 0018-9084-A4472-HH1

Grant Funded:	<input checked="" type="checkbox"/>	Transfers in from MMII	\$2,700,000
Account:		0018-6524-A4472-HH1	
Grant Funded:	<input checked="" type="checkbox"/>	Transfers in from SR91 Toll Rd	\$14,300,000
Account:		0018-6521-A4472-HH1	

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Invitation for Bid (IFB) for construction of the Placentia Metrolink station. The project will include a parking structure, an OCTA bus stop and an area for passenger pick-up and drop-off. The station will be located at Melrose Avenue and Crowther Avenue near the Orange Freeway (SR-57), serving the communities of Anaheim, Fullerton, Placentia and Yorba Linda. The Placentia station will be Orange County's 13th train station and will serve Metrolink's 91 Line that extends to Riverside, Fullerton, and downtown Los Angeles.

Please explain how you arrived at the budgeted dollars requested.

The budgeted amount is based on the Engineer's estimate of completed plans.

What phase of the project does this line item support?

Construction phase.

What phase of the project is this line item in, as of January 2, 2017?

Design phase.

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs
OrgKey:	0018	Measure M - Cure
Object:	9085	Construction Management
Description:	Laguna Niguel/Mission Viejo Metrolink Station Improvements - Construction Management Services	
Quantity/Cost:	1 @ \$100,000	FY18-02017
Budget Request:	\$ 100,000	IFAS#: 0018-9085-C5066-N0H

Grant Funded: FTA Other Operating Assistance \$100,000
 Account: 0018-6037-C5066-XFB

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The Laguna Niguel / Mission Viejo (LN/MV) Station project will provide the public with reliable station access and fewer missed trips due to out-of-service elevators. The scope provides additional professional construction management services to manage the construction project, including safety and testing.

Please explain how you arrived at the budgeted dollars requested.

Up to two additional months of construction management services if the construction activities extend beyond the fiscal year.

What phase of the project does this line item support?

Construction phase.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase.

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0018	Measure M - Cure	
Object:	9085	Construction Management	
Description:	LN-SJC Passing Siding - Construction Management Services		
Quantity/Cost:	1 @ \$1,500,000		FY18-02018
Budget Request:	\$ 1,500,000		IFAS#: 0018-9085-C5051-TZ2

Grant Funded:	<input checked="" type="checkbox"/>	STIP Capital Assistance	\$750,000
Account:		0018-6021-C5051-XIS	
Grant Funded:	<input checked="" type="checkbox"/>	FTA Other Operating Assistance	\$750,000
Account:		0018-6037-C5051-LI3	

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Scope includes management of the construction contract, safety, testing, and other construction management services related to the Laguna Niguel - San Juan Capistrano (LN-SJC) passing siding project. The LN-SJC passing siding project proposes the addition of 1.8 miles of new passing siding track adjacent to the existing main track in the City of San Juan Capistrano and the City of Laguna Niguel which will result in reducing congestion and improving reliability.

Please explain how you arrived at the budgeted dollars requested.

The budgeted amount is the estimate for the first year of a two year project.

What phase of the project does this line item support?

Construction phase.

What phase of the project is this line item in, as of January 2, 2017?

Design phase.

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0018	Measure M - Cure	
Object:	9085	Construction Management	
Description:	Orange Metrolink Station Parking Structure - Construction Management Services		
Quantity/Cost:	1 @ \$1,600,000		FY18-01983
Budget Request:	\$ 1,600,000		IFAS#: 0018-9085-T5422-P3F
Grant Funded:	<input checked="" type="checkbox"/> STIP Capital Assistance		\$1,600,000
Account:	0018-6021-T5422-XHS		

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Construction Management services under contract (C- 6-1024) for construction of the Orange Metrolink station parking structure. The Orange Metrolink station parking structure is an approximately 611 space, 5 level, shared-use parking structure that will be located on Lemon Street between Chapman Avenue and Maple Street. Approximately 500 of the spaces will be for transit use and 111 spaces will be for the City of Orange general purpose use.

Please explain how you arrived at the budgeted dollars requested.

The fiscal year portion of overall effort for this project is based on one year of effort in an 18 month construction schedule.

What phase of the project does this line item support?

Construction phase.

What phase of the project is this line item in, as of January 2, 2017?

Out to bid.

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0018	Measure M - Cure	
Object:	9085	Construction Management	
Description:	Placentia Metrolink Station - Construction Management Services		
Quantity/Cost:	1 @ \$570,000		FY18-01959
Budget Request:	\$ 570,000		IFAS#: 0018-9085-A4472-HH1

Grant Funded: Transfers in from MMII \$570,000
 Account: 0018-6524-A4472-HH1

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

This is an existing contract C-6-1304 for construction management services related to the construction of the Placentia Metrolink station. It is anticipated that this fiscal year will include constructability review of plans and 3 months of construction phase of the project.

Please explain how you arrived at the budgeted dollars requested.

Independent cost estimate for this effort and based on the project schedule.

What phase of the project does this line item support?

Construction phase.

What phase of the project is this line item in, as of January 2, 2017?

Design phase.

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0030	Orange County Transit District	
Object:	9021	Cap Exp-Land-Loc Funded	
Description:	Pacific Electric Railroad - Right of Way Acquisition		
Quantity/Cost:	1 @ \$1,520,000		FY18-02594
Budget Request:	\$ 1,520,000		IFAS#: 0030-9021-D2601-F30

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

OCTD and OCTA (Authority) will acquire approximately twelve miles of the abandoned Pacific Electric Railroad Right of Way (PE ROW) for the purpose of a future transit reserve. OCTD is in the process of acquiring a section, approximately one-half mile in length, of the PE ROW from the City of Garden Grove. When the acquisition is completed, this section will become part of the Authority's transit reserve.

Please explain how you arrived at the budgeted dollars requested.

The Fair Market Value was determined based on appraised values provided by both OCTA and the City of Garden Grove's appraisal consultants.

What phase of the project does this line item support?

The line item will support the property acquisition phase of the project.

What phase of the project is this line item in, as of January 2, 2017?

Right of Way Acquisition phase.

Is this line item re-budgeted from a prior fiscal year?

No.

Division:	15	Capital Programs	
OrgKey:	0036	91 Express Lanes	
Object:	9027	Cap Exp-Communications Equip	
Description:	91 Express Lanes Changeable Message Signs Replacement		
Quantity/Cost:	1 @ \$250,000		FY18-01766
Budget Request:	\$ 250,000		IFAS#: 0036-9027-B0001-DC5

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Funding for possible installation change orders for additional installation costs that might happen during the installation of the new Changeable Message Signs (CMS) such as extra work to attach the CMS panels to the support structures.

Please explain how you arrived at the budgeted dollars requested.

The budgeted amount is based on independent cost estimate for this effort and the project schedule.

What phase of the project does this line item support?

Construction phase.

What phase of the project is this line item in, as of January 2, 2017?

Construction phase.

Is this line item re-budgeted from a prior fiscal year?

No

Division:	15	Capital Programs	
OrgKey:	0037	I-405 Express Lane	
Object:	9015	ROW land acqn Design/Build WIP	
Description:	I-405 Improvement Project (Express Lanes) - Right of Way Capital		
Quantity/Cost:	1 @ \$3,717,434		FY18-01865
Budget Request:	\$ 3,717,434		IFAS#: 0037-9015-A9510-ODW

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The scope of work includes the acquisition of properties and property rights from private and public owners for the project. These properties include temporary construction easements, public utility easements, aerial easements, wall easements, footing easements, and drainage easements. The budget request is for costs associated with the acquisition of properties and property rights for the express lanes of the I-405 Improvement Project.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year (Allocation by Parcel).

What phase of the project does this line item support?

This line item will support the right-of-way phase of work.

What phase of the project is this line item in, as of January 2, 2017?

Right-of-way phase.

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0037	I-405 Express Lane	
Object:	9016	ROW utilities Design/Build WIP	
Description:	I-405 Improvement Project (Express Lanes) - Right of Way Utilities		
Quantity/Cost:	1 @ \$1,014,312		FY18-01875
Budget Request:	\$ 1,014,312		IFAS#: 0037-9016-A9510-0DW

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

To relocate multiple utilities for the project prior to and during the design and construction phase of work. The budget request is for costs associated with these services for the express lanes of the I-405 Improvement Project.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the projected expenditures for the fiscal year (Allocation by Utility).

What phase of the project does this line item support?

This line item will support the utility relocation phase of work.

What phase of the project is this line item in, as of January 2, 2017?

Utility relocation phase.

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs
OrgKey:	0037	I-405 Express Lane
Object:	9017	Construction Design/Build WIP
Description:	I-405 Improvement Project (Express Lane) - Design/Build Contingency	
Quantity/Cost:	1 @ \$2,200,000	FY18-01844
Budget Request:	\$ 2,200,000	IFAS#: 0037-9017-A9510-0GM

Grant Funded:	<input checked="" type="checkbox"/> Prop 1B Capital	\$19,800
Account:	0037-6020-A9510-X14	
Grant Funded:	<input checked="" type="checkbox"/> Reimb From Caltrans	\$326,700
Account:	0037-6061-A9510-YIP	

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

This work is being provided by an existing agreement with OC 405 Partners (C-5-3843). The project will add new lanes, improve interchanges and widen local overcrossings to the Interstate 405 freeway. More specifically, the project will add one general purpose lane and one express lane in each direction. The new express lane and existing high-occupancy vehicle lane would be operated as a two-lane express facility in each direction. The budget request is for project contingency to accommodate contract change orders during the design and construction of express lane facility of the I-405 Improvement Project.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the total projected expenditures for the fiscal year at a rate of 22% of the non-M2 funding to cover costs necessary to implement the express lanes.

What phase of the project does this line item support?

This line item will support the design and construction phase of work.

What phase of the project is this line item in, as of January 2, 2017?

Design and construction phases (design/build contract).

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0037	I-405 Express Lane	
Object:	9017	Construction Design/Build WIP	
Description:	I-405 Improvement Project (Express Lanes) - Cooperative Agreements		
Quantity/Cost:	1 @ \$429,785		FY18-01880
Budget Request:	\$ 429,785		IFAS#: 0037-9017-A9510-012

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

This work is being provided by existing cooperative agreements with local agencies along the project corridor, including the cities of Costa Mesa, Fountain Valley, Huntington Beach, Seal Beach, and Westminster, Orange County Flood Control District, Orange County Sanitation District, and California Highway Patrol. The work includes providing traffic engineering, police, and project support services as well as traffic control services. The budget request is for costs associated with these services for the express lanes of the I-405 Improvement Project.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the total projected expenditures at a rate of 22% of the non-M2 funding to cover costs necessary to implement the express lanes.

What phase of the project does this line item support?

This line item will support the design and construction phase of work.

What phase of the project is this line item in, as of January 2, 2017?

Design and construction phases (design-build contract)

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0037	I-405 Express Lane	
Object:	9018	Const Manage Design/Build WIP	
Description:	I-405 Improvement Project - PMC Services (Express Lanes)		
Quantity/Cost:	1 @ \$3,900,000		FY18-01847
Budget Request:	\$ 3,900,000		IFAS#: 0037-9018-A9510-TZF
Grant Funded:	<input checked="" type="checkbox"/>	Reimb From Caltrans	\$3,900,000
Account:	0037-6061-A9510-YIP		

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The program management consultant shall assist OCTA in providing staff assistance and technical expertise to help manage the I-405, SR-55 to I-605 design-build project. Consultant shall assist OCTA's Highway Programs in planning, managing, and controlling the overall project from environmental to construction completion. The budget request is for costs associated with these services for the express lanes of the I-405 Improvement Project.

What are the qualifications required for this line item? Example: Expert-level JAVA programmer to enhance website.

The qualifications required for this line item are right-of-way and program management support professionals.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the total projected expenditures for the fiscal year allocated at a rate of 25% for non-M2 funding to cover costs necessary to implement the express lanes.

What phase of the project does this line item support?

This line item will support the environmental, design, right-of-way, and construction phase of work.

What phase of the project is this line item currently in, as of January 2, 2017?

Design, right-of-way, and construction phases

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0037	I-405 Express Lane	
Object:	9018	Const Manage Design/Build WIP	
Description:	I-405 Improvement Project (Express Lanes) - Construction Management Consultant Services		
Quantity/Cost:	1 @ \$1,050,000		FY18-01860
Budget Request:	\$ 1,050,000		IFAS#: 0037-9018-A9510-0DY
Grant Funded:	<input checked="" type="checkbox"/>	Other Fed Financial Assistance	\$1,050,000
Account:	0037-6036-A9510-YIQ		

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Consultant shall assist OCTA by providing staff assistance and technical expertise to manage the construction phase of the project and to administer the contract. Consultant management services include, but not limited to, administration of the construction contract, coordination of the activities of the contractor with the services of the project design engineer, performance of quality assurance inspections and management of independent quality assurance testing, preparation of daily construction activity reports, performance of control point and benchmark surveying, and communications between contractor and all other project participants. The Consultant shall also assist OCTA by processing, collecting and maintaining of project communications and records, reviewing and recommending of contractor progress payments, processing of change order requests, implementing and processing change orders, processing claims. The budget request is for costs associated with these services related to the express lanes of the I-405 Improvement Project.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the total expenditures of the fiscal year at a rate of 25% of the non-M2 funding to cover costs necessary to implement the express lanes.

What phase of the project does this line item support?

This line item will support both the design and construction phase of work.

What phase of the project is this line item in, as of January 2, 2017?

Design and construction phases (design/build contract).

Is this line item re-budgeted from a prior fiscal year?

Yes.

Division:	15	Capital Programs	
OrgKey:	0037	I-405 Express Lane	
Object:	9025	Cap Exp-Other Vehicles	
Description:	I-405 Improvement Project (Express Lanes) - Construction Vehicles		
Quantity/Cost:	2 @ \$11,000		FY18-02937
Budget Request:	\$ 22,000		IFAS#: 0037-9025-A9510-007

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The project will add new lanes, improve interchanges, and widen local overcrossings to the Interstate 405 Freeway. More specifically, the project will add one general purpose lane and one express lane in each direction. The new express lane and existing high-occupancy lane would be operated as a two-lane express facility in each direction. The budget request is for costs associated with the purchase of two (2) new sport utility vehicles (SUVs) to be used by OCTA staff during the design and construction of the express lane facility of the I-405 Improvement Project, including construction, meetings with the design-build contractor, field visits, and inspections. One of the new SUVs will be used to replace an old SUV that was purchased many years ago and is in need of major repairs. In addition, personal vehicles are prohibited from the construction site.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount requested is based on the total projected expenditures for the fiscal year at a rate of 22% of the non-M2 funding to cover costs necessary to implement the express lanes.

What phase of the project does this line item support?

This line item will support the design and construction phase of work.

What phase of the project is this line item in, as of January 2, 2017?

Design and construction phases (design/build contract).

Is this line item re-budgeted from a prior fiscal year?

No.

Division:	15	Capital Programs	
OrgKey:	0051	Transit Development Cap Proj	
Object:	9015	ROW land acqn Design/Build WIP	
Description:	Additional OC Streetcar Right of Way Acquisition		
Quantity/Cost:	1 @ \$2,000,000		FY18-02337
Budget Request:	\$ 2,000,000		IFAS#: 0051-9015-TS010-999

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Acquisition of potential parcels of land required for the OC Streetcar project, which include the value of right-of-way, land, and existing improvements. The OC Streetcar will increase transportation options and provide greater access along its 4.15-mile route (in each direction) along Santa Ana Boulevard, 4th Street, and the Pacific Electric right-of-way to Harbor Boulevard in Garden Grove.

Please explain how you arrived at the budgeted dollars requested.

Request based upon a percentage of the estimated right of way acquisition costs.

What phase of the project does this line item support?

Pre-construction, which is expected to be completed by Jan 2018.

What phase of the project is this line item in, as of January 2, 2017?

Engineering

Is this line item re-budgeted from a prior fiscal year?

No

Division:	15	Capital Programs	
OrgKey:	0051	Transit Development Cap Proj	
Object:	9015	ROW land acqn Design/Build WIP	
Description:	OC Streetcar Right of Way Acquisition		
Quantity/Cost:	1 @ \$4,740,826		FY18-02354
Budget Request:	\$ 4,740,826		IFAS#: 0051-9015-TS010-Z61

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Acquisition of property required for the OC Streetcar project, which include the value of right-of-way, land, and existing improvements. The OC Streetcar will increase transportation options and provide greater access along its 4.15-mile route (in each direction) along Santa Ana Boulevard, 4th Street, and the Pacific Electric right-of-way to Harbor Boulevard in Garden Grove.

Please explain how you arrived at the budgeted dollars requested.

The cost estimate is based upon property appraisals and estimates from other acquisition projects.

What phase of the project does this line item support?

Pre-construction, which is expected to be completed by Jan 2018.

What phase of the project is this line item in, as of January 2, 2017?

Engineering

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0051	Transit Development Cap Proj	
Object:	9015	ROW land acqn Design/Build WIP	
Description:	OC Streetcar Right of Way Relocation		
Quantity/Cost:	1 @ \$2,181,166		FY18-02355
Budget Request:	\$ 2,181,166		IFAS#: 0051-9015-TS010-Z62

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The scope of work includes the provision of relocation assistance to tenants of property required for the OC Streetcar project. The OC Streetcar will increase transportation options and provide greater access along its 4.15-mile route (in each direction) along Santa Ana Boulevard, 4th Street, and the Pacific Electric right-of-way to Harbor Boulevard in Garden Grove. The relocation assistance is a requirement of Federal Transit Administration (FTA) funding.

Please explain how you arrived at the budgeted dollars requested.

The budget is based on projected expenditures for the fiscal year using estimates from other property acquisitions.

What phase of the project does this line item support?

Pre-construction, which is expected to be completed by Jan 2018.

What phase of the project is this line item in, as of January 2, 2017?

Engineering

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0051	Transit Development Cap Proj	
Object:	9016	ROW utilities Design/Build WIP	
Description:	OC Streetcar Right of Way Utilities		
Quantity/Cost:	1 @ \$500,000		FY18-02356
Budget Request:	\$ 500,000		IFAS#: 0051-9016-TS010-Z86

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The scope of work includes compensation for utilities required to relocate in order to accommodate construction of the OC Streetcar project. Utilities may include storm, sewer, water, gas, and electric costs. The OC Streetcar will increase transportation options and provide greater access along its 4.15-mile route (in each direction) along Santa Ana Boulevard, 4th Street, and the Pacific Electric right-of-way to Harbor Boulevard in Garden Grove.

Please explain how you arrived at the budgeted dollars requested.

The budget request is based upon an estimate from other utility relocation projects.

What phase of the project does this line item support?

This phase is expected to be completed in Fall 2017.

What phase of the project is this line item in, as of January 2, 2017?

Engineering

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0051	Transit Development Cap Proj	
Object:	9017	Construction Design/Build WIP	
Description:	OC Streetcar Construction Services P10		
Quantity/Cost:	1 @ \$36,719,440		FY18-02329
Budget Request:	\$ 36,719,440		IFAS#: 0051-9017-TS010-Z10

Grant Funded:	<input checked="" type="checkbox"/> Transfers in from MMII	\$10,318,163
Account:	0051-6524-TS010-Z10	
Grant Funded:	<input checked="" type="checkbox"/> FTA Sec 5309/5339 Cap Assist	\$22,747,693
Account:	0051-6041-TS010-MJ3	
Grant Funded:	<input checked="" type="checkbox"/> FTA Sec 5307 Capital Assistanc	\$3,653,584
Account:	0051-6042-TS010-LI3	

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Construction services for OC Streetcar track and guideway. As associated with the guideway, include costs for rough grading, excavation, and concrete base for guideway where applicable. Include all construction materials and labor regardless of whom is performing the work. The OC Streetcar will increase transportation options and provide greater access along its 4.15-mile route (in each direction) along Santa Ana Boulevard, 4th Street, and the Pacific Electric right-of-way to Harbor Boulevard in Garden Grove. These costs are tracked and reported separately to Federal Transit Administration (FTA).

Please explain how you arrived at the budgeted dollars requested.

Cost based upon material quantities in designer's plans and unit prices from other light rail and streetcar construction projects.

What phase of the project does this line item support?

Construction

What phase of the project is this line item in, as of January 2, 2017?

Engineering

Is this line item re-budgeted from a prior fiscal year?

No

Division:	15	Capital Programs	
OrgKey:	0051	Transit Development Cap Proj	
Object:	9017	Construction Design/Build WIP	
Description:	OC Streetcar Construction Services P20		
Quantity/Cost:	1 @ \$4,485,793		FY18-02330
Budget Request:	\$ 4,485,793		IFAS#: 0051-9017-TS010-Z20

Grant Funded:	<input checked="" type="checkbox"/> FTA Sec 5309/5339 Cap Assist	\$2,778,949
Account:	0051-6041-TS010-MJ3	
Grant Funded:	<input checked="" type="checkbox"/> Transfers in from MMII	\$1,260,508
Account:	0051-6524-TS010-Z20	
Grant Funded:	<input checked="" type="checkbox"/> FTA Sec 5307 Capital Assistanc	\$446,336
Account:	0051-6042-TS010-LI3	

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Construction services for the development of streetcar stations on the OC Streetcar project. As associated with stations, include costs for rough grading, excavation, station structures, enclosures, finishes, equipment, and mechanical and electrical components. Also include all construction materials and labor costs. The OC Streetcar will increase transportation options and provide greater access along its 4.15-mile route (in each direction) along Santa Ana Boulevard, 4th Street, and the Pacific Electric right-of-way to Harbor Boulevard in Garden Grove. These costs are tracked and reported to the Federal Transit Administration (FTA) separately.

Please explain how you arrived at the budgeted dollars requested.

Cost based upon material quantities in designer's plans and unit prices from other light rail and streetcar construction projects.

What phase of the project does this line item support?

Construction

What phase of the project is this line item in, as of January 2, 2017?

Engineering

Is this line item re-budgeted from a prior fiscal year?

No

Division:	15	Capital Programs	
OrgKey:	0051	Transit Development Cap Proj	
Object:	9017	Construction Design/Build WIP	
Description:	OC Streetcar Construction Services P30		
Quantity/Cost:	1 @ \$33,963,937		FY18-02331
Budget Request:	\$ 33,963,937		IFAS#: 0051-9017-TS010-Z30

Grant Funded:	<input checked="" type="checkbox"/>	Transfers in from MMII	\$9,543,866
Account:		0051-6524-TS010-Z30	
Grant Funded:	<input checked="" type="checkbox"/>	FTA Sec 5309/5339 Cap Assist	\$21,040,659
Account:		0051-6041-TS010-MJ3	
Grant Funded:	<input checked="" type="checkbox"/>	FTA Sec 5307 Capital Assistanc	\$3,379,412
Account:		0051-6042-TS010-LI3	

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Construction services for the development of the OC Streetcar Maintenance and Storage facility. As associated with support facilities, include costs for rough grading, excavation, support structures, enclosures, finishes, equipment, and mechanical and electrical components. Also include all construction materials and labor costs. The OC Streetcar will increase transportation options and provide greater access along its 4.15-mile route (in each direction) along Santa Ana Boulevard, 4th Street, and the Pacific Electric right-of-way to Harbor Boulevard in Garden Grove. These costs are required to be tracked and reported separately to the Federal Transit Administration (FTA).

Please explain how you arrived at the budgeted dollars requested.

Cost based upon material quantities in designer's plans and unit prices from other light rail and streetcar construction projects.

What phase of the project does this line item support?

Construction 2018

What phase of the project is this line item in, as of January 2, 2017?

Engineering

Is this line item re-budgeted from a prior fiscal year?

No

Division:	15	Capital Programs	
OrgKey:	0051	Transit Development Cap Proj	
Object:	9017	Construction Design/Build WIP	
Description:	OC Streetcar Construction Services P40		
Quantity/Cost:	1 @ \$43,781,200		FY18-02333
Budget Request:	\$ 43,781,200		IFAS#: 0051-9017-TS010-Z40

Grant Funded:	<input checked="" type="checkbox"/>	FTA Sec 5309/5339 Cap Assist	\$27,122,454
Account:		0051-6041-TS010-MJ3	
Grant Funded:	<input checked="" type="checkbox"/>	FTA Sec 5307 Capital Assistanc	\$4,356,229
Account:		0051-6042-TS010-LI3	
Grant Funded:	<input checked="" type="checkbox"/>	FTA Sec 5309/5339 Cap Assist	\$4,159,200
Account:		0051-6041-TS010-MJ3	
Grant Funded:	<input checked="" type="checkbox"/>	Transfers in from MMII	\$8,143,317
Account:		0051-6524-TS010-Z40	

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Construction services for site work and special conditions for the OC Streetcar, including site clearing, sidewalks, new curb and gutter, road paving, and utility relocation. Also include all construction materials and labor costs. The OC Streetcar will increase transportation options and provide greater access along its 4.15-mile route (in each direction) along Santa Ana Boulevard, 4th Street, and the Pacific Electric right-of-way to Harbor Boulevard in Garden Grove. These costs are tracked and reported separately to the Federal Transit Administration (FTA).

Please explain how you arrived at the budgeted dollars requested.

Cost based upon material quantities in designer's plans and unit prices from other light rail and streetcar construction projects.

What phase of the project does this line item support?

Construction 2018

What phase of the project is this line item in, as of January 2, 2017?

Engineering

Is this line item re-budgeted from a prior fiscal year?

No

Division:	15	Capital Programs	
OrgKey:	0051	Transit Development Cap Proj	
Object:	9017	Construction Design/Build WIP	
Description:	OC Streetcar Construction Services P50		
Quantity/Cost:	1 @ \$41,173,469		FY18-02334
Budget Request:	\$ 41,173,469		IFAS#: 0051-9017-TS010-Z50

Grant Funded:	<input checked="" type="checkbox"/>	Transfers in from MMII	\$11,569,745
Account:		0051-6524-TS010-Z50	
Grant Funded:	<input checked="" type="checkbox"/>	FTA Sec 5309/5339 Cap Assist	\$25,506,964
Account:		0051-6041-TS010-MJ3	
Grant Funded:	<input checked="" type="checkbox"/>	FTA Sec 5307 Capital Assistanc	\$4,096,760
Account:		0051-6042-TS010-LI3	

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Construction services for the following OC Streetcar systems: traffic control and signals, traction power, communications, central control and fare collection systems. Also include all construction materials and labor costs. The OC Streetcar will increase transportation options and provide greater access along its 4.15-mile route (in each direction) along Santa Ana Boulevard, 4th Street, and the Pacific Electric right-of-way to Harbor Boulevard in Garden Grove.

Please explain how you arrived at the budgeted dollars requested.

Cost based upon designer's plans and estimates.

What phase of the project does this line item support?

Construction 2018

What phase of the project is this line item in, as of January 2, 2017?

Engineering

Is this line item re-budgeted from a prior fiscal year?

No

Division:	15	Capital Programs	
OrgKey:	0051	Transit Development Cap Proj	
Object:	9017	Construction Design/Build WIP	
Description:	Transit Security & Operations Center Design		
Quantity/Cost:	1 @ \$1,831,652		FY18-02143
Budget Request:	\$ 1,831,652		IFAS#: 0051-9017-D3143-0LG

Grant Funded: Prop 1B Capital \$1,831,652
 Account: 0051-6020-D3143-XGR

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

This project supports the development activities needed to replace the Garden Grove Annex, which houses OCTA's Transit Police Services, Operations Support, and Central Communications Center. Engineering studies have determined that the structure is not seismically safe and cannot be retrofitted to achieve the continuous operation standard required of essential facilities in California. Once completed, this multi-phased project will ensure the survivability of OCTA's interoperable communications capability so that essential emergency responses services can be provided to the community.

Please explain how you arrived at the budgeted dollars requested.

The cost was estimated using a percentage of project cost methodology using cost history from similar past projects based on scope of work.

What phase of the project does this line item support?

The design phase.

What phase of the project is this line item in, as of January 2, 2017?

The Request for Proposal (RFP) phase for preliminary engineering and environmental clearance.

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0051	Transit Development Cap Proj	
Object:	9018	Const Manage Design/Build WIP	
Description:	OC Streetcar Construction Management		
Quantity/Cost:	1 @ \$1,435,860		FY18-02281
Budget Request:	\$ 1,435,860		IFAS#: 0051-9018-TS010-Z84

Grant Funded:	<input checked="" type="checkbox"/>	FTA Sec 5307 Capital Assistanc	\$142,868
Account:		0051-6042-TS010-LI3	
Grant Funded:	<input checked="" type="checkbox"/>	FTA Sec 5309/5339 Cap Assist	\$889,515
Account:		0051-6041-TS010-MJ3	
Grant Funded:	<input checked="" type="checkbox"/>	Transfers in from MMII	\$403,477
Account:		0051-6524-TS010-Z84	

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The Construction Management (CM) contractor oversees the performance of the construction contractor and their compliance to contract terms for the OC Streetcar project. The OC Streetcar will increase transportation options and provide greater access along its 4.15-mile route (in each direction) along Santa Ana Boulevard, 4th Street, and the Pacific Electric right-of-way to Harbor Boulevard in Garden Grove. During the engineering phase, the CM will participate in constructability reviews and value engineering studies.

Please explain how you arrived at the budgeted dollars requested.

Budget request rates and overhead are from the CM contract which was awarded in December 2016.

What phase of the project does this line item support?

Pre-construction and construction

What phase of the project is this line item in, as of January 2, 2017?

Engineering

Is this line item re-budgeted from a prior fiscal year?

Yes

Division:	15	Capital Programs	
OrgKey:	0051	Transit Development Cap Proj	
Object:	9024	Cap Exp-Revenue Vehicles	
Description:	OC Streetcar Vehicle Manufacturing and Delivery		
Quantity/Cost:	1 @ \$48,677,385		FY18-02284
Budget Request:	\$ 48,677,385		IFAS#: 0051-9024-TS010-Z71

Grant Funded:	<input checked="" type="checkbox"/> FTA Sec 5309/5339 Cap Assist	\$30,155,640
Account:	0051-6041-TS010-MJG	
Grant Funded:	<input checked="" type="checkbox"/> FTA Sec 5309/5339 Cap Assist	\$13,678,345
Account:	0051-6041-TS010-MJ3	
Grant Funded:	<input checked="" type="checkbox"/> FTA Sec 5307 Capital Assistanc	\$4,843,400
Account:	0051-6042-TS010-MJG	

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The scope of work includes the acquisition of eight modern streetcar vehicles for operation on the OC Streetcar project. The OC Streetcar will increase transportation options and provide greater access along its 4.15-mile route (in each direction) along Santa Ana Boulevard, 4th Street, and the Pacific Electric right-of-way to Harbor Boulevard in Garden Grove. In addition, the work will include specialized communication equipment that will be installed on the vehicles.

Please explain how you arrived at the budgeted dollars requested.

Budget request is based upon the cost of streetcar vehicles in other transit agency vehicle contracts.

What phase of the project does this line item support?

The vehicles are scheduled to be delivered, tested and accepted by Fall 2020, with the first vehicle scheduled for delivery in early 2020.

What phase of the project is this line item in, as of January 2, 2017?

Engineering

Is this line item re-budgeted from a prior fiscal year?

Yes, this line item was re-budgeted from a prior fiscal year

Division:	15	Capital Programs	
OrgKey:	0051	Transit Development Cap Proj	
Object:	9025	Cap Exp-Other Vehicles	
Description:	OC Streetcar Non Revenue Vehicles		
Quantity/Cost:	1 @ \$507,423		FY18-02358
Budget Request:	\$ 507,423		IFAS#: 0051-9025-TS010-Z76

Grant Funded:	<input checked="" type="checkbox"/>	Transfers in from MMII	\$142,586
Account:		0051-6524-TS010-Z76	
Grant Funded:	<input checked="" type="checkbox"/>	FTA Sec 5307 Capital Assistanc	\$50,489
Account:		0051-6042-TS010-XIB	
Grant Funded:	<input checked="" type="checkbox"/>	FTA Sec 5309/5339 Cap Assist	\$314,349
Account:		0051-6041-TS010-MJI	

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Acquisition of specialized non revenue vehicles required for the maintenance of the streetcar. The OC Streetcar will increase transportation options and provide greater access along its 4.15-mile route (in each direction) along Santa Ana Boulevard, 4th Street, and the Pacific Electric right-of-way to Harbor Boulevard in Garden Grove. The vehicles will include a rail sweeper, bucket truck, forklift, and reraill equipment.

Please explain how you arrived at the budgeted dollars requested.

Costs were obtained from other transit agencies' vehicle contracts.

What phase of the project does this line item support?

Construction

What phase of the project is this line item in, as of January 2, 2017?

Engineering

Is this line item re-budgeted from a prior fiscal year?

No

Division:	15	Capital Programs	
OrgKey:	0051	Transit Development Cap Proj	
Object:	9026	Cap Exp-Tools/Equipment	
Description:	OC Streetcar Vehicle Tools/Equipment		
Quantity/Cost:	1 @ \$4,732,745		FY18-02359
Budget Request:	\$ 4,732,745		IFAS#: 0051-9026-TS010-Z77

Grant Funded:	<input checked="" type="checkbox"/> FTA Sec 5307 Capital Assistanc	\$470,908
Account:	0051-6042-TS010-XIB	
Grant Funded:	<input checked="" type="checkbox"/> FTA Sec 5309/5339 Cap Assist	\$2,931,936
Account:	0051-6041-TS010-MJZ	
Grant Funded:	<input checked="" type="checkbox"/> Transfers in from MMII	\$1,329,901
Account:	0051-6524-TS010-Z77	

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Acquisition of spare parts for streetcar vehicles and specialized tools and equipment required for vehicle maintenance. The OC Streetcar will increase transportation options and provide greater access along its 4.15-mile route (in each direction) along Santa Ana Boulevard, 4th Street, and the Pacific Electric right-of-way to Harbor Boulevard in Garden Grove.

Please explain how you arrived at the budgeted dollars requested.

Costs were obtained from other transit agencies' vehicle contracts.

What phase of the project does this line item support?

Vehicle acquisition, which occurs at the same time as construction.

What phase of the project is this line item in, as of January 2, 2017?

Engineering

Is this line item re-budgeted from a prior fiscal year?

No

Division:	15	Capital Programs
OrgKey:	1722	Facilities Engineering
Object:	9021	Cap Exp-Land-Loc Funded
Description:	Property Clearance Services - Pacific Electric Railroad Right of Way	
Quantity/Cost:	1 @ \$150,000	FY18-02849
Budget Request:	\$ 150,000	IFAS#: 1722-9021-D2601-AR7

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The Orange County Transit District (OCTD) acquired approximately seven miles of the abandoned Pacific Electric Railroad Right of Way (PE ROW) for the purpose of a future transit reserve. OCTD anticipates several structures will remain on a parcel of the PE ROW, in Garden Grove, after a tenant vacates the parcel in FY18. As a result, staff will need to procure demolition services to clear the property for a future transit project.

Please explain how you arrived at the budgeted dollars requested.

Based on industry standards for size and types of structures to be demolished and cleared from the parcel.

What phase of the project does this line item support?

The line item will support the pre-construction phase of the project.

What phase of the project is this line item in, as of January 2, 2017?

Pre-Construction

Is this line item re-budgeted from a prior fiscal year?

No

Division:	15	Capital Programs	
OrgKey:	1722	Facilities Engineering	
Object:	9022	Cap Exp-Buildings/Imprvments	
Description:	Bridge Repair at Laguna Beach Transportation Center		
Quantity/Cost:	1 @ \$20,000		FY18-02115
Budget Request:	\$ 20,000		IFAS#: 1722-9022-D3142-07U

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The project work includes replacement of existing prestressed concrete bridge beams that have failed and related work to repair surface improvements at the Laguna Beach Transportation Center. OCTA entered into a Lease Agreement with the City of Laguna Beach for the bus depot in 1980, OCTA Agreement C-80-323, the Lease Agreement was Amended in 1992. The Lease Agreement maintenance provisions require OCTA to make repairs to structures and improvements constructed at the site. In June 2015 the City gave notice to OCTA regarding the condition of the bridge, and under the terms of the Lease Agreement OCTA needs to repair the damaged bridge beams.

Please explain how you arrived at the budgeted dollars requested.

The cost was arrived at using cost history from similar past projects based on scope of work.

What phase of the project does this line item support?

The construction phase.

What phase of the project is this line item in, as of January 2, 2017?

The bid phase

Is this line item re-budgeted from a prior fiscal year?

Yes.

Division:	15	Capital Programs	
OrgKey:	1722	Facilities Engineering	
Object:	9022	Cap Exp-Buildings/Imprvments	
Description:	Building Canopy for VIS Equipment at Garden Grove Base		
Quantity/Cost:	1 @ \$30,000		FY18-02123
Budget Request:	\$ 30,000		IFAS#: 1722-9022-D3122-091

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The scope of work includes change orders for construction of building a canopy over the Vehicle Inspection System (VIS) equipment at the Garden Grove base. The existing VIS equipment including a brake dynamometer test station for performing routine bus maintenance inspections to test bus braking ability is located outdoors and is unprotected from the elements. A building canopy is needed to protect the equipment and workers and to improve safety of maintenance operations. The work includes installing a new metal building canopy structure over the vehicle inspection system equipment and work area, including required phasing of work, and traffic control shown on the plans and in the specifications.

Please explain how you arrived at the budgeted dollars requested.

The cost was arrived at using cost history from similar past projects based on scope of work.

What phase of the project does this line item support?

The construction phase.

What phase of the project is this line item in, as of January 2, 2017?

The construction phase.

Is this line item re-budgeted from a prior fiscal year?

Yes.

Division:	15	Capital Programs	
OrgKey:	1722	Facilities Engineering	
Object:	9022	Cap Exp-Buildings/Imprvments	
Description:	Bus Wash Mitigation Project		
Quantity/Cost:	1 @ \$80,000		FY18-02121
Budget Request:	\$ 80,000		IFAS#: 1722-9022-D3120-05B

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The scope of work includes change orders for bus wash storm water mitigation at all bases. Currently OCTA is out of compliance with Santa Ana Regional Water Quality Control Board Regulations due to bus wash water discharge at all bases. The work includes installation of site modifications consisting of catch basins, trench drains, and pumps and piping control systems to mitigate existing conditions. Also includes a required phasing of work and traffic control shown on the plans and in the specifications.

Please explain how you arrived at the budgeted dollars requested.

The cost was arrived at using cost history from similar past projects based on scope of work.

What phase of the project does this line item support?

The construction phase.

What phase of the project is this line item in, as of January 2, 2017?

The construction phase.

Is this line item re-budgeted from a prior fiscal year?

Yes.

Division:	15	Capital Programs	
OrgKey:	1722	Facilities Engineering	
Object:	9022	Cap Exp-Buildings/Imprvments	
Description:	Electrical Service for Liquid Hydrogen Fueling Station at Santa Ana Base		
Quantity/Cost:	1 @ \$711,000		FY18-02223
Budget Request:	\$ 711,000		IFAS#: 1722-9022-D2157-0MO

Grant Funded: Reimbursement Fr Other Agencies \$711,000
 Account: 0030-6053-D2157-YIS

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

This project is for a new electrical service for a new liquid hydrogen fueling station at the Santa Ana base as part of a 10 bus pilot program funded by California Air Resources Board. The work includes installation of a new 277, 480V, 3phase 600 amp electrical service panel and related conduit, primary and secondary wiring and transformer, South Coast Edison fees, and associated work. Also includes a required phasing of work and traffic control shown on the plans and in the specifications.

Please explain how you arrived at the budgeted dollars requested.

The cost was arrived at using cost history from similar past projects based on scope of work.

What phase of the project does this line item support?

The construction phase.

What phase of the project is this line item in, as of January 2, 2017?

The scope of work for design phase.

Is this line item re-budgeted from a prior fiscal year?

No.

Division:	15	Capital Programs
OrgKey:	1722	Facilities Engineering
Object:	9022	Cap Exp-Buildings/Imprvments
Description:	Fire Protection Coating of Structural Steel in Maintenance Building at Irvine Sand Canyon Base	
Quantity/Cost:	1 @ \$200,000	FY18-02200
Budget Request:	\$ 200,000	IFAS#: 1722-9022-D3121-0MB

Grant Funded:	<input checked="" type="checkbox"/>	FTA 5337 Fixed Guideway/Bus Capital Assistance	\$27,773
Account:		0030-6049-D3121-MIR	
Grant Funded:	<input checked="" type="checkbox"/>	FTA 5337 Fixed Guideway/Bus Capital Assistance	\$172,227
Account:		0030-6049-D3121-MJR	

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The scope of work is for replacement of fire protection coating on structural steel in the maintenance building at Irvine Sand Canyon base. The existing fire protective coating is deteriorated and lost bond with the structural steel framing members. The work includes application of new fire protective coating and associated work. Also includes a required phasing of work and traffic control shown on the plans and in the specifications.

Please explain how you arrived at the budgeted dollars requested.

The cost was arrived at using cost history from similar past projects based on scope of work.

What phase of the project does this line item support?

The construction phase.

What phase of the project is this line item in, as of January 2, 2017?

The scope of work for design phase.

Is this line item re-budgeted from a prior fiscal year?

No.

Division:	15	Capital Programs	
OrgKey:	1722	Facilities Engineering	
Object:	9022	Cap Exp-Buildings/Imprvments	
Description:	Heating Unit Replacements at Garden Grove Base Maintenance Building		
Quantity/Cost:	1 @ \$29,000		FY18-02113
Budget Request:	\$ 29,000		IFAS#: 1722-9022-D3122-0AL

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The project work includes replacement of seven existing roof mounted heating units at the Garden Grove base maintenance building. The existing heating units are all broken and beyond their useful service life, currently there is no heating in the maintenance shop during the night shift. The work includes installation of new energy efficient title 24 compliant heating units. Also includes a required phasing of work and traffic control shown on the plans and in the specifications.

Please explain how you arrived at the budgeted dollars requested.

The cost was arrived at using cost history from similar past projects based on scope of work.

What phase of the project does this line item support?

The construction phase.

What phase of the project is this line item in, as of January 2, 2017?

The bid phase.

Is this line item re-budgeted from a prior fiscal year?

Yes.

Division:	15	Capital Programs
OrgKey:	1722	Facilities Engineering
Object:	9022	Cap Exp-Buildings/Imprvments
Description:	Heating-Ventilation Unit Replacements at Anaheim Base Maintenance Building	
Quantity/Cost:	1 @ \$447,380	FY18-02152
Budget Request:	\$ 447,380	IFAS#: 1722-9022-D3103-0AL

Grant Funded: FTA 5337 Fixed Guideway/Bus Capital Assistance \$447,380
 Account: 0030-6049-D3103-MJR

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The project work includes replacement of twelve existing roof mounted heating-ventilation units at the Anaheim base maintenance building. The existing heating units are 30 years old and beyond their useful service life. The work includes installation of new energy efficient title 24 compliant heating units. Also includes a required phasing of work and traffic control shown on the plans and in the specifications.

Please explain how you arrived at the budgeted dollars requested.

The cost was arrived at using cost history from similar past projects based on scope of work.

What phase of the project does this line item support?

The construction phase.

What phase of the project is this line item in, as of January 2, 2017?

The scope of work for design phase.

Is this line item re-budgeted from a prior fiscal year?

No.

Division:	15	Capital Programs	
OrgKey:	1722	Facilities Engineering	
Object:	9022	Cap Exp-Buildings/Imprvments	
Description:	Hydrogen Gas Detection and Ventilation for 10 H2 Buses at Santa Ana Base		
Quantity/Cost:	1 @ \$415,000		FY18-02226
Budget Request:	\$ 415,000		IFAS#: 1722-9022-D2157-OMP
Grant Funded:	<input checked="" type="checkbox"/>	Reimbursement Fr Other Agency's	\$415,000
Account:	0030-6053-D2157-YIS		

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

This project is for modification of several maintenance shop service bays for compatibility with hydrogen fuel cell buses as part of a 10 bus pilot program funded by California Air Resources Board. The existing gas detection system utilizes infrared technology which is not compatible with the use of hydrogen gas, and the ventilation system needs to be assessed and modified to accommodate hydrogen buses. The work includes installation of catalytic bead type detectors, calibration, related control panel modifications and programming, and required assessment and modification of the ventilation system. Also includes a required phasing of work and traffic control shown on the plans and in the specifications.

Please explain how you arrived at the budgeted dollars requested.

The cost was arrived at using cost history from similar past projects based on scope of work.

What phase of the project does this line item support?

The construction phase.

What phase of the project is this line item in, as of January 2, 2017?

The scope of work for design phase.

Is this line item re-budgeted from a prior fiscal year?

No.

Division:	15	Capital Programs	
OrgKey:	1722	Facilities Engineering	
Object:	9022	Cap Exp-Buildings/Imprvments	
Description:	Miscellaneous Hard Surface Repairs at Transit Facilities		
Quantity/Cost:	1 @ \$200,000		FY18-02201
Budget Request:	\$ 200,000		IFAS#: 1722-9022-D3120-TX7

Grant Funded: FTA 5337 Fixed Guideway/Bus Capital Assistance \$200,000
 Account: 0030-6049-D3120-MIR

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The scope of work is for miscellaneous hard surface repairs including concrete and asphalt concrete at transit facilities. Minor hard surface repairs are needed at transit facilities to mitigate further deterioration. The work includes removing and replacing miscellaneous areas of concrete and asphalt concrete, processing the subgrade and aggregate base and placement of new concrete or asphalt concrete pavement. Also includes a required phasing of work and traffic control shown on the plans and in the specifications.

Please explain how you arrived at the budgeted dollars requested.

The cost was arrived at using cost history from similar past projects based on scope of work.

What phase of the project does this line item support?

The construction phase.

What phase of the project is this line item in, as of January 2, 2017?

The scope of work for design phase.

Is this line item re-budgeted from a prior fiscal year?

No.

Division:	15	Capital Programs
OrgKey:	1722	Facilities Engineering
Object:	9022	Cap Exp-Buildings/Imprvments

Description: Modify Ventilation and Gas Detection Systems at Santa Ana Base for Hydrogen Fuel Use

Quantity/Cost: 1 @ \$10,000

FY18-02125

Budget Request: \$ 10,000

IFAS#: 1722-9022-D3126-08T

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

This project is for modification of service bays for compatibility with hydrogen fuel cell buses as part of a pilot program for one hydrogen bus. The existing gas detection system utilizes infrared technology which is not compatible with the use of hydrogen gas, and the ventilation system needs to be assessed and modified to accommodate hydrogen buses. The work includes installation of catalytic bead type detectors, calibration, related control panel modifications and programming, and required assessment and modification of the ventilation system. Also includes a required phasing of work and traffic control shown on the plans and in the specifications.

Please explain how you arrived at the budgeted dollars requested.

The cost was arrived at using cost history from similar past projects based on scope of work.

What phase of the project does this line item support?

The construction phase.

What phase of the project is this line item in, as of January 2, 2017?

The bid phase.

Is this line item re-budgeted from a prior fiscal year?

Yes.

Division:	15	Capital Programs	
OrgKey:	1722	Facilities Engineering	
Object:	9022	Cap Exp-Buildings/Imprvments	
Description:	Pedestrian Access to Santa Ana Base Operation Building		
Quantity/Cost:	1 @ \$100,000		FY18-02167
Budget Request:	\$ 100,000		IFAS#: 1722-9022-D3126-0KZ

Grant Funded: FTA 5337 Fixed Guideway/Bus Capital Assistance \$100,000
 Account: 0030-6049-D3126-MJR

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

This project is for pedestrian access to the operations building at Santa Ana base. Pedestrian access is needed from MacArthur Blvd. to the operations building so employees who ride the bus to work can safely walk to the operations building. The work includes installing a new access controlled pedestrian entrance gate in the existing concrete block wall and related walking pathway. Also includes a required phasing of work and traffic control shown on the plans and in the specifications.

Please explain how you arrived at the budgeted dollars requested.

The cost was arrived at using cost history from similar past projects based on scope of work.

What phase of the project does this line item support?

The construction phase.

What phase of the project is this line item in, as of January 2, 2017?

The scope of work for design phase.

Is this line item re-budgeted from a prior fiscal year?

No.

Division:	15	Capital Programs	
OrgKey:	1722	Facilities Engineering	
Object:	9022	Cap Exp-Buildings/Imprvments	
Description:	Reconstruction of Asphalt Pavement at Fullerton Park and Ride		
Quantity/Cost:	1 @ \$225,000		FY18-02165
Budget Request:	\$ 225,000		IFAS#: 1722-9022-D3139-TX3

Grant Funded:	<input checked="" type="checkbox"/>	FTA 5337 Fixed Guideway/Bus Capital Assistance	\$89,956
Account:		0030-6049-D3139-LJR	
Grant Funded:	<input checked="" type="checkbox"/>	FTA 5337 Fixed Guideway/Bus Capital Assistance	\$135,044
Account:		0030-6049-D3139-MJR	

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The scope of work includes reconstruction of asphalt pavement in two user parking bays at the Fullerton Park and Ride facility. The pavement area in the parking lot is deteriorated and needs to be replaced. The work includes removing existing pavement, processing the subgrade, placing aggregate base and asphalt pavement, and new striping. Also includes a required phasing of work and traffic control shown on the plans and in the specifications.

Please explain how you arrived at the budgeted dollars requested.

The cost was arrived at using cost history from similar past projects based on scope of work.

What phase of the project does this line item support?

The construction phase.

What phase of the project is this line item in, as of January 2, 2017?

The scope of work for design phase.

Is this line item re-budgeted from a prior fiscal year?

No

Division:	15	Capital Programs	
OrgKey:	1722	Facilities Engineering	
Object:	9022	Cap Exp-Buildings/Imprvments	
Description:	Removal of Liquefied Natural Gas Underground Storage Tanks		
Quantity/Cost:	1 @ \$1,500,000		FY18-02170
Budget Request:	\$ 1,500,000		IFAS#: 1722-9022-D3120-OLF

Grant Funded: FTA 5337 Fixed Guideway/Bus Capital Assistance \$1,500,000
 Account: 0030-6049-D3120-MIR

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The scope of work is for removal of liquefied natural gas (LNG) underground storage tanks and related appurtenances servicing the fuel buildings at Anaheim and Garden Grove bases. The work includes removal of two underground LNG storage tanks and related equipment at each base, which include concrete removal, excavation, concrete replacement and compliance with regulatory agencies of jurisdiction including Orange County Fire Authority (OCFA) and Orange County Health Care Agency (OCHCA), Anaheim Fire Department, and sampling and testing. Also includes a required phasing of work and traffic control shown on the plans and in the specifications.

Please explain how you arrived at the budgeted dollars requested.

The cost was arrived at using cost history from similar past projects based on scope of work.

What phase of the project does this line item support?

The construction phase

What phase of the project is this line item in, as of January 2, 2017?

The design phase.

Is this line item re-budgeted from a prior fiscal year?

No.

Division:	15	Capital Programs	
OrgKey:	1722	Facilities Engineering	
Object:	9022	Cap Exp-Buildings/Imprvments	
Description:	Remove Battery Sump Pit at Garden Grove Base		
Quantity/Cost:	1 @ \$15,000		FY18-02215
Budget Request:	\$ 15,000		IFAS#: 1722-9022-D3120-0MJ

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

This project is for removing the battery sump pit outside the maintenance building at Garden Grove base. The existing battery sump pit is not utilized and the manhole ring and cover for the sump pit is above grade causing a tripping hazard for maintenance personnel which needs to be removed. The work includes removing and disposing the battery sump pit and associated surface replacement work. Also includes a required phasing of work and traffic control shown on the plans and in the specifications.

Please explain how you arrived at the budgeted dollars requested.

The cost was arrived at using cost history from similar past projects based on scope of work.

What phase of the project does this line item support?

The construction phase.

What phase of the project is this line item in, as of January 2, 2017?

The scope of work for design phase.

Is this line item re-budgeted from a prior fiscal year?

No.

Division:	15	Capital Programs	
OrgKey:	1722	Facilities Engineering	
Object:	9022	Cap Exp-Buildings/Imprvments	
Description:	Remove Bus Benches on Bus Dock Platform at Newport Transportation Center		
Quantity/Cost:	1 @ \$60,000		FY18-02218
Budget Request:	\$ 60,000		IFAS#: 1722-9022-D3141-0M1

Grant Funded: FTA 5337 Fixed Guideway/Bus Capital Assistance \$37,500
 Account: 0030-6049-D3141-LJR

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The scope of work is for revitalizing the bus dock platform by removing bus benches at the Newport Transportation Center.

Please explain how you arrived at the budgeted dollars requested.

The cost was arrived at using cost history from similar past projects based on scope of work.

What phase of the project does this line item support?

The construction phase.

What phase of the project is this line item in, as of January 2, 2017?

Concept and scope of work for design phase.

Is this line item re-budgeted from a prior fiscal year?

No.

Division:	15	Capital Programs	
OrgKey:	1722	Facilities Engineering	
Object:	9022	Cap Exp-Buildings/Imprvments	
Description:	Replace Metal Siding and Framing at Bus Wash Building at Irvine Construction Circle Base		
Quantity/Cost:	1 @ \$180,000		FY18-02112
Budget Request:	\$ 180,000		IFAS#: 1722-9022-D1401-0GV
Grant Funded:	<input checked="" type="checkbox"/>	FTA 5337 Fixed Guideway/Bus Capital Assistance	\$150,000
Account:	0030-6049-D1401-MJR		

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

This project is for replacement of metal siding and framing members at the bus wash building at Irvine Construction Base. The metal siding and steel structural framing member exhibit significant rusting and corrosion compromising the integrity of the materials due to exposure to moisture and cleaning materials. The work includes replacing corroded metal siding and repairing and replacing steel framing members. Also includes a required phasing of work and traffic control shown on the plans and in the specifications.

Please explain how you arrived at the budgeted dollars requested.

The cost was arrived at using cost history from similar past projects based on scope of work.

What phase of the project does this line item support?

The construction phase.

What phase of the project is this line item in, as of January 2, 2017?

The design phase.

Is this line item re-budgeted from a prior fiscal year?

Yes.

Division:	15	Capital Programs
OrgKey:	1722	Facilities Engineering
Object:	9022	Cap Exp-Buildings/Imprvments
Description:	Replace Tile at Restrooms, Bus Docks/Route Signs, Americans with Disabilities Act Tactile Tile	
Quantity/Cost:	1 @ \$250,000	FY18-02117
Budget Request:	\$ 250,000	IFAS#: 1722-9022-D3139-08P

Grant Funded: FTA Sec 5307 Capital Assistanc \$187,500
 Account: 0030-6042-D3139-MJR

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

This project is for replacing tiles at the restrooms, replacing signs and Americans with Disabilities Act (ADA) tactile warning tile at the bus docks at Fullerton Park and Ride. The tile at the restroom walls is deteriorated and is falling off the walls which is a public safety hazard, the signage at the bus dock canopy is old, deteriorated, and in needs to be replaced in a higher mounted location to help mitigate graffiti, the ADA tactile warning tile is old, deteriorated and is lifting creating tripping hazards which is a public safety hazard and needs to be replaced. The work includes removing and replacing restroom wall tiles, bus dock canopy signage, and ADA tactile warning tile. Also includes a required phasing of work and traffic control shown on the plans and in the specifications.

Please explain how you arrived at the budgeted dollars requested.

The cost was arrived at using cost history from similar past projects based on scope of work.

What phase of the project does this line item support?

The construction phase.

What phase of the project is this line item in, as of January 2, 2017?

The design phase.

Is this line item re-budgeted from a prior fiscal year?

Yes.

Division:	15	Capital Programs	
OrgKey:	1722	Facilities Engineering	
Object:	9022	Cap Exp-Buildings/Imprvments	
Description:	Replacement of Underground Storage Tanks		
Quantity/Cost:	1 @ \$20,000		FY18-02139
Budget Request:	\$ 20,000		IFAS#: 1722-9022-D3120-TWW

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The scope of work includes change orders for replacement of underground diesel, automatic transmission fluid, and engine oil storage tanks servicing the fuel buildings at Anaheim, Garden Grove, and Irvine Sand Canyon bases. Small capacity above ground diesel storage tanks will be installed to fuel service trucks and emergency generators located at each base. The work includes installation of a new small capacity aboveground diesel storage tank at each base, then a removal of existing underground diesel and oil tanks at each base, which includes concrete removal and replacement, excavation, shoring, compliance with regulatory agencies of jurisdiction including Orange County Fire Authority (OCFA) and Orange County Health Care Agency (OCHCA), and sampling and testing of fluids and soils for contamination. Also includes a required phasing of work and traffic control shown on the plans and in the specifications.

Please explain how you arrived at the budgeted dollars requested.

The cost was arrived at using cost history from similar past projects based on scope of work.

What phase of the project does this line item support?

The construction phase.

What phase of the project is this line item in, as of January 2, 2017?

The construction phase.

Is this line item re-budgeted from a prior fiscal year?

Yes.

Division:	15	Capital Programs	
OrgKey:	1722	Facilities Engineering	
Object:	9022	Cap Exp-Buildings/Imprvments	
Description:	Restroom Wall Repair and Suspended Ceiling Replacement in Operations Building at Irvine Base		
Quantity/Cost:	1 @ \$75,000		FY18-02205
Budget Request:	\$ 75,000		IFAS#: 1722-9022-D1401-0ME

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The scope of work is for repairing the wall and plumbing between the men's and women's restrooms and replacement of the T-bar suspended ceiling in the operations building at Irvine Construction Circle bus base. The existing wall between the restrooms is deteriorating causing the wall mounted toilets to leak and further weaken the wall, and the existing T-bar ceiling is deteriorated and needs to be replaced. The work includes repairing the wall and plumbing between the restrooms and, removing and replacing the T-bar ceiling and associated work. Also includes a required phasing of work and traffic control shown on the plans and in the specifications.

Please explain how you arrived at the budgeted dollars requested.

The cost was arrived at using cost history from similar past projects based on scope of work.

What phase of the project does this line item support?

The construction phase.

What phase of the project is this line item in, as of January 2, 2017?

the scope of work for design phase.

Is this line item re-budgeted from a prior fiscal year?

No.

Division:	15	Capital Programs	
OrgKey:	1722	Facilities Engineering	
Object:	9022	Cap Exp-Buildings/Imprvments	
Description:	Revitalization of Bus Dock Platform and Canopies at Fullerton Transportation Center		
Quantity/Cost:	1 @ \$350,000		FY18-02171
Budget Request:	\$ 350,000		IFAS#: 1722-9022-D3120-0M1

Grant Funded: FTA Sec 5307 Capital Assistanc \$262,500
 Account: 0030-6042-D3120-MIR

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The scope of work is for revitalizing the bus dock platform and canopies at Fullerton Transportation Center. The existing improvements are deteriorated and are in need of attention. The work includes removal and replacement of concrete flatwork on the bus dock platform, sandblasting, priming, and painting the metal canopies, new lighting, signage, bird screens. Also includes associated work as well as a required phasing of work and traffic control shown on the plans and in the specifications.

Please explain how you arrived at the budgeted dollars requested.

The cost was arrived at using cost history from similar past projects based on scope of work.

What phase of the project does this line item support?

The construction phase.

What phase of the project is this line item in, as of January 2, 2017?

The scope of work for design phase.

Is this line item re-budgeted from a prior fiscal year?

No

Division:	15	Capital Programs	
OrgKey:	1722	Facilities Engineering	
Object:	9022	Cap Exp-Buildings/Imprvments	
Description:	Roofing Replacement at Garden Grove Annex Lower Building		
Quantity/Cost:	1 @ \$50,000		FY18-02206
Budget Request:	\$ 50,000		IFAS#: 1722-9022-D3122-0MF

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

The project is for replacement of roofing on the lower building at the Garden Grove Annex. The existing built-up roofing is deteriorated and beyond useful service life. The work includes installation of a new built-up roofing on the lower building. Also includes a required phasing of work and traffic control shown on the plans and in the specifications.

Please explain how you arrived at the budgeted dollars requested.

The cost was arrived at using cost history from similar past projects based on scope of work.

What phase of the project does this line item support?

The construction phase.

What phase of the project is this line item in, as of January 2, 2017?

The scope of work for design phase.

Is this line item re-budgeted from a prior fiscal year?

No.

Division:	15	Capital Programs
OrgKey:	1722	Facilities Engineering
Object:	9026	Cap Exp-Tools/Equipment
Description:	Security System Camera Upgrades at Santa Ana and Garden Grove Bases	
Quantity/Cost:	1 @ \$1,200,000	FY18-02141
Budget Request:	\$ 1,200,000	IFAS#: 1722-9026-D3126-05S

Grant Funded:	<input checked="" type="checkbox"/> FTA Sec 5309/5339 Cap Assist	\$48,803
Account:	0030-6041-D3126-M8P	
Grant Funded:	<input checked="" type="checkbox"/> FTA Sec 5309/5339 Cap Assist	\$911,197
Account:	0030-6041-D3126-MAP	
Grant Funded:	<input checked="" type="checkbox"/> Prop 1B Capital	\$140,000
Account:	0030-6020-D3126-XHR	
Grant Funded:	<input checked="" type="checkbox"/> Prop 1B Capital	\$100,000
Account:	0030-6020-D3126-XGR	

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

This project is for upgrading the video surveillance system at Santa Ana and Garden Grove bus bases. Currently, the camera system at Santa Ana and Garden Gove bases are outdated and in need of replacement. The Santa Ana base cameras need to be upgraded to current Internet Protocol (IP) camera technology. The Garden Grove base cameras are a mix of old analog cameras and outdated IP cameras, many of which are functional and in need of replacement. The system would provide an increased deterrent to crime, support having a safe working environment and increased detection and/or evidence for the prosecution of crimes committed on property. Remote monitoring is a built-in feature for possible future needs as the system would provide first layer of detection for base entrance points and building access points. The work includes installation of new IP cameras for security, servers for 30 days storage, and required site modifications to accommodate the video surveillance system (VSS) camera placement. Also includes a required phasing of work and traffic control shown on the plans and in the specifications.

Please explain how you arrived at the budgeted dollars requested.

The cost was arrived at using design consultant cost estimate.

What phase of the project does this line item support?

The RFP phase.

What phase of the project is this line item in, as of January 2, 2017?

The design phase.

Is this line item re-budgeted from a prior fiscal year?

Yes.

Line Item Controlled Capital

Org- Key	Department / Fund Name	Obj	Line Item Description	Budget	Page No.
0013	Svc Auth For Fwy Emer	9028	Freeway Service Patrol Application Development	50,000	150
0013	Svc Auth For Fwy Emer	9028	Freeway Service Patrol Performance Monitoring Perform	150,000	151
2159	Maintenance Resource	9025	2017 Full Size Pick-up Truck for Facilities Maintenance	30,000	152
2159	Maintenance Resource	9025	2017 Full Size Police SUV - K-9 Solid Black	186,000	153
2159	Maintenance Resource	9025	2017 Full Size Police SUV - Solid Black, 4-Wheel Drive	62,000	154
2159	Maintenance Resource	9025	Purchase Company Equipment Assigned Relief Vehicles	216,000	155
2166	Facilities Maintenance	9022	Park n Ride and Transportation Modernization	250,000	156
Subtotal Capital - Transit				\$ 944,000	

Division:	11	Transit	
OrgKey:	0013	Svc Auth For Fwy Emergencies	
Object:	9028	Cap Exp-Computer Hard/Software	
Description:	Freeway Service Patrol Application Development		
Quantity/Cost:	1 @ \$50,000		FY18-01723
Budget Request:	\$ 50,000		IFAS#: 0013-9028-S1002-TC2

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Ongoing as-needed development of the Freeway Service Patrol LATATrax application. Projects included moving specific application functionality to the in-vehicle tablet to improve functionality, additional reports, and other potential projects. Projects would be approved by the Project Manager as needed and developed, based on a fixed-cost estimate for each project.

Please explain how you arrived at the budgeted dollars requested.

Los Alamos Technical Associates(LATA) Programmer published rates and estimated programming hours required for sample projects. Funds would be utilized as needed and specifically approved by the Project Manager.

What phase of the project does this line item support?

Ongoing development and improvement of application functionality.

What phase of the project is this line item in, as of January 2, 2017?

Application functional and in use for four years.

Is this line item re-budgeted from a prior fiscal year?

No, will be budgeted for additional ongoing development each year.

Division:	11	Transit	
OrgKey:	0013	Svc Auth For Fwy Emergencies	
Object:	9028	Cap Exp-Computer Hard/Software	
Description:	Freeway Service Patrol Performance Monitoring Performance Measurement System Module		
Quantity/Cost:	1 @ \$150,000		FY18-01722
Budget Request:	\$ 150,000		IFAS#: 0013-9028-S1002-01P

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Development of a Freeway Service Patrol (FSP) module within the California Department of Transportation (Caltrans) Performance Measurement System (PeMS). The FSP module will allow OCTA staff to easily evaluate FSP service benefits, performance, and cost effectiveness at will, and will allow staff to model service to evaluate potential benefit of adding service in specific areas using Caltrans PeMS congestion data. Staff have traditionally had to wait a year or more to receive performance and benefit-cost information through Caltrans, which makes it difficult to proactively monitor program effectiveness. Once developed, the FSP module would become part of the PeMS application, hosted and managed by Caltrans.

Please explain how you arrived at the budgeted dollars requested.

Estimated programming hours required to complete project using developers' standard programmer rates, based on a sample scope of work.

What phase of the project does this line item support?

Initial development

What phase of the project is this line item in, as of January 2, 2017?

Conceptual scope of work based on department needs.

Is this line item re-budgeted from a prior fiscal year?

No

Division:	11	Transit	
OrgKey:	2159	Maintenance Resource Managemnt	
Object:	9025	Cap Exp-Other Vehicles	
Description:	2017 Full Size Pick-up Truck for Facilities Maintenance		
Quantity/Cost:	1 @ \$30,000		FY18-01697
Budget Request:	\$ 30,000		IFAS#: 2159-9025-D2113-F30

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

This line item is to purchase a new full-size pick-up truck used by Facilities Maintenance. This vehicle will replace unit 9853 (2001 Ford F150) with current mileage of 102,622. The current 2001 Ford F150 has exceeded the useful life with replacement criteria of 5 years or 100,000 miles.

Please explain how you arrived at the budgeted dollars requested.

The estimated price is based on a recent purchase for a vehicle equipped with the same features as the vehicle being requested.

What phase of the project does this line item support?

The vehicle supports the daily operations of Facilities Maintenance.

What phase of the project is this line item in, as of January 2, 2017?

The vehicle supports the daily operations of Facilities Maintenance.

Is this line item re-budgeted from a prior fiscal year?

No.

Division:	11	Transit	
OrgKey:	2159	Maintenance Resource Managemnt	
Object:	9025	Cap Exp-Other Vehicles	
Description:	2017 Full Size Police SUV - K-9 Solid Black		
Quantity/Cost:	3 @ \$62,000		FY18-01694
Budget Request:	\$ 186,000		IFAS#: 2159-9025-D2113-F30

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Purchase a new full size K-9 SUV to be used by the Transit Police Services Right of Way Supervisor. This unit will replace unit 9888, which is a 2012 Chevrolet Tahoe with current mileage of 60,300 miles. Current replacement criteria for Transit Police Services vehicles is 3 years or 70,000 miles. The unit is averaging over 1,000 miles monthly and will reach the 70,000 mile replacement mileage approximately 10 months from December 2016 (October 2017). The procurement cycle is six months, and the delivery cycle is another 6-9 months for delivery. The anticipated delivery for this vehicle will be June 2018.

Please explain how you arrived at the budgeted dollars requested.

The estimated price is based on a recent purchase for a vehicle equipped with the same features as the vehicle being requested.

What phase of the project does this line item support?

The vehicle supports the daily requirements of Transit Police Services.

What phase of the project is this line item in, as of January 2, 2017?

The vehicle supports the daily requirements of Transit Police Services.

Is this line item re-budgeted from a prior fiscal year?

No.

Division:	11	Transit	
OrgKey:	2159	Maintenance Resource Managemnt	
Object:	9025	Cap Exp-Other Vehicles	
Description:	2017 Full Size Police SUV - Solid Black, 4-Wheel Drive		
Quantity/Cost:	1 @ \$62,000		FY18-01695
Budget Request:	\$ 62,000		IFAS#: 2159-9025-D2113-F30

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Purchase a new full size K-9 SUV to be used on the right of way. This unit will replace unit 9889, which is a 2012 Chevrolet Tahoe 4 x 4 with current mileage of 60,500 miles. The current vehicle replacement criteria for Transit Police Services vehicles is 3 years or 70,000 miles. The unit is averaging over 1,000 miles monthly and will reach the 70,000 mile replacement mileage approximately 10 months from December 2016 (October 2017). The procurement cycle is six months and the delivery cycle is another 6-9 months for delivery. The anticipated delivery for this vehicle will be June 2018.

Please explain how you arrived at the budgeted dollars requested.

The estimated price is based on a recent purchase for a vehicle equipped with the same features as the vehicle being requested.

What phase of the project does this line item support?

The vehicle supports the daily requirements of Transit Police Services.

What phase of the project is this line item in, as of January 2, 2017?

The vehicle supports the daily requirements of Transit Police Services.

Is this line item re-budgeted from a prior fiscal year?

No.

Division:	11	Transit	
OrgKey:	2159	Maintenance Resource Managemnt	
Object:	9025	Cap Exp-Other Vehicles	
Description:	Purchase Company Equipment Assigned Relief Vehicles - Compact Sedans		
Quantity/Cost:	30 @ \$7,200		FY18-01691
Budget Request:	\$ 216,000		IFAS#: 2159-9025-D2113-02R

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

This line item will be utilized to purchase 25 of the Company Equipment Assigned (CEA) units currently leased from Enterprise. The current lease of CEA units will expire September 2017, making it necessary to either extend or end the lease or purchase or lease new cars. OCTA currently leases 30 vehicles from Enterprise and intends to return five of the vehicles during FY 2016-17 and purchase 25 of the vehicles during FY 2017-18. These vehicles facilitate the change of drivers to provide bus operator route relief.

Please explain how you arrived at the budgeted dollars requested.

The price was provided by the current lessor of the vehicles.

What phase of the project does this line item support?

The purchase of the vehicles is to replace the lease used for bus operator route relief.

What phase of the project is this line item in, as of January 2, 2017?

The purchase of the vehicles is to replace the lease used for bus operator route relief.

Is this line item re-budgeted from a prior fiscal year?

No.

Division:	11	Transit	
OrgKey:	2166	Facilities Maintenance Admin	
Object:	9022	Cap Exp-Buildings/Imprvments	
Description:	Park n Ride and Transportation Modernization		
Quantity/Cost:	1 @ \$250,000		FY18-01776
Budget Request:	\$ 250,000		IFAS#: 2166-9022-D3107-02W

Grant Funded: FTA 5337 Fixed Guideway/Bus Capital Assistance \$250,000
 Account: 0030-6049-D1208-MIR

Please write a scope of work for this line item that could be used for procurement. Include a work plan identifying tasks or deliverables.

Funds will be used to return OCTA's seven Park n Rides and Transit Centers to a state of good repair as required by Federal Transit Administration Transit Asset Management Plan. Many repairs will be guided by the Transit Center Modernization and parking study that was recently completed. Facilities are working with other departments to implement recommended solutions/improvements.

Please explain how you arrived at the budgeted dollars requested.

The budgeted amount was based on an estimate. Now that the Transit Center Modernization and Parking Study has been completed, OCTA will be able to develop costs for the individual projects.

What phase of the project does this line item support?

Project implementation.

What phase of the project is this line item in, as of January 2, 2017?

The project is in the conception and initiation stage of the project.

Is this line item re-budgeted from a prior fiscal year?

No



OCTA



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