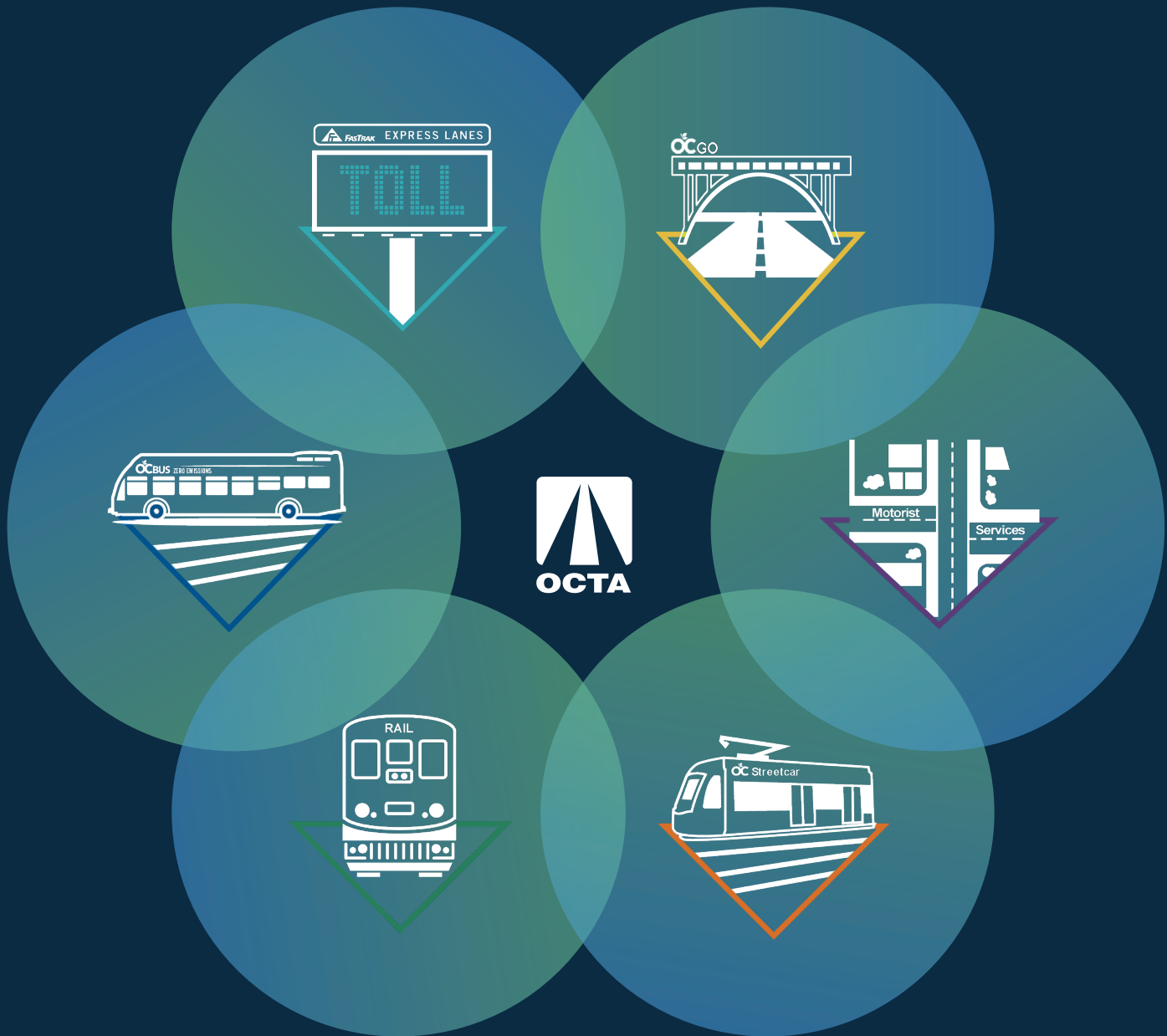


APPROVED CAPITAL JUSTIFICATIONS

FISCAL YEAR 2020-21



**FISCAL YEAR 2020-21
LINE ITEM CONTROLLED CAPITAL
JUSTIFICATIONS**

Darrell E. Johnson
Chief Executive Officer

Prepared by: Finance and Administration Division
Andrew Oftelie
Chief Financial Officer



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Measure M2 Program..... 1

Rail Program..... 24

OC Streetcar 34

Express Lanes 42

Motorist Services 50

Bus Program 52

Administration 68

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Measure M2 Program

Line Item Controlled Capital

Org- Key	Department / Fund Name	Obj	Line Item Description	Budget	Page No.
Freeways					
I-405, SR-73 to I-605 (Project K)					
0017	Local Transport Auth Mea	9081	I-405, SR-55 to I-605 - Right-of-Way Capital	29,014,500	3
0017	Local Transport Auth Mea	9081	I-405, SR-55 to I-605 - Property Clearance	200,000	3
0017	Local Transport Auth Mea	9082	I-405, SR-55 to I-605 - Right-of-Way Utilities	23,246,052	4
0017	Local Transport Auth Mea	9084	I-405, SR-55 to I-605 - Project Construction	39,000,000	4
0017	Local Transport Auth Mea	9084	I-405, SR-55 to I-605 - Cooperative Agreements	4,012,217	5
0017	Local Transport Auth Mea	9085	I-405, SR-55 to I-605 - Construction Management Consultant	5,400,000	5
0017	Local Transport Auth Mea	9085	I-405, SR-55 to I-605 - Caltrans Cooperative Agreement	4,650,000	6
0017	Local Transport Auth Mea	9085	I-405, SR-55 to I-605 - Program Management Support Service	13,500,000	6
I-5, Santa Ana Freeway (Project C)					
0017	Local Transport Auth Mea	9081	I-5, SR-73 to Oso Parkway - Right-of-Way Capital	9,076,140	7
0017	Local Transport Auth Mea	9081	I-5, Oso Parkway to Alicia Parkway - Right-of-Way Acquisition	5,349,190	7
0017	Local Transport Auth Mea	9081	I-5, Alicia Parkway to El Toro Road - Right-of-Way Capital	9,711,883	8
0017	Local Transport Auth Mea	9082	I-5, SR-73 to Oso Parkway - Right-of-Way Utilities	3,624,432	8
0017	Local Transport Auth Mea	9082	I-5, Oso Parkway to Alicia Parkway - Right-of-Way Utilities	1,695,615	9
0017	Local Transport Auth Mea	9082	I-5, Alicia Parkway to El Toro Road - Right-of-Way Utilities	6,314,085	9
0017	Local Transport Auth Mea	9084	I-5, HOV Improvement Project - Caltrans Cooperative Agreeem	2,052,200	10
0017	Local Transport Auth Mea	9084	I-5, HOV Improvement Project - Plant Establishment Construc	587,328	10
0017	Local Transport Auth Mea	9084	I-5, SR-73 to Oso Parkway - Construction Capital	100,000	11
0017	Local Transport Auth Mea	9084	I-5, SR-73 to Oso Parkway - Cooperative Agreements	300,000	11
0017	Local Transport Auth Mea	9084	I-5, PCH to San Juan Creek Rd - Caltrans Cooperative Agreeme	97,849	12
0017	Local Transport Auth Mea	9084	I-5, Oso Parkway to Alicia Parkway - Construction Capital	35,000,000	12
0017	Local Transport Auth Mea	9084	I-5, Oso Parkway to Alicia Parkway - Construction and Mainte	1,500,000	13
0017	Local Transport Auth Mea	9084	I-5, Oso Parkway to Alicia Parkway - Amtrak Bus Bridge Servic	100,000	13
0017	Local Transport Auth Mea	9084	I-5, Alicia Parkway to El Toro Road - Construction Capital	14,000,000	14
0017	Local Transport Auth Mea	9085	I-5, Avenue Pico to Avenue Vista Hermosa - Landscape Constr	32,173	14
0017	Local Transport Auth Mea	9085	I-5, SR-73 to Oso Parkway - Construction Management	2,400,000	15
0017	Local Transport Auth Mea	9085	I-5, Oso Parkway to Alicia Parkway - Construction Manageme	3,750,000	15
0017	Local Transport Auth Mea	9085	I-5, Alicia Parkway to El Toro Road - Construction Manageme	1,750,000	16
I-5, SR-55 to SR-57 (Project A)					
0017	Local Transport Auth Mea	9084	I-5, SR-55 to SR-57 - Construction Management	1,500,000	16
SR-55, Costa Mesa Freeway (Project F)					
0017	Local Transport Auth Mea	9081	SR-55, I-405 to I-5 - Right-of-Way Capital	55,000,000	17
0017	Local Transport Auth Mea	9081	SR-55, I-405 to I-5 - Property Clearance Services	1,500,000	17



Measure M2 Program

Measure M2 Program

Line Item Controlled Capital

Org- Key	Department / Fund Name	Obj	Line Item Description	Budget	Page No.
Freeways					
SR-55, Costa Mesa Freeway (Project F)					
0017	Local Transport Auth Mea	9082	SR-55, I-405 to I-5 - Right-of-Way Utilities	20,000,000	18
0017	Local Transport Auth Mea	9083	SR-55, I-405 to I-5 - Right-of-Way Relocation Assistance	3,544,069	18
0017	Local Transport Auth Mea	9084	SR-55, I-405 to I-5 - City Cooperative Agreements	400,000	19
0017	Local Transport Auth Mea	9085	SR-55, I-405 to I-5 - Construction Management	5,000,000	19
SR-57, Orange Freeway (Project G)					
0017	Local Transport Auth Mea	9084	SR-57, Katella Avenue to Lincoln Boulevard - Landscape Cons	30,000	20
0017	Local Transport Auth Mea	9084	SR-57, Orangethorpe Avenue to Yorba Linda Boulevard - Land	30,000	20
0017	Local Transport Auth Mea	9084	SR-57, Yorba Linda Blvd to Lambert Road - Landscape Constr	30,000	21
0017	Local Transport Auth Mea	9085	SR-57, Katella Avenue to Lincoln Boulevard - Landscape Supp	30,000	21
0017	Local Transport Auth Mea	9085	SR-57, Orangethorpe Avenue to Yorba Linda Boulevard - Land	30,000	22
0017	Local Transport Auth Mea	9085	SR-57, Yorba Linda Boulevard to Lambert Road - Landscape S	30,000	22
SR-91, I-5 to SR-57 (Project H)					
0017	Local Transport Auth Mea	9084	SR-91, I-5 to SR-57 - Landscape Cooperative Agreement	467,000	23
0017	Local Transport Auth Mea	9085	SR-91, I-5 to SR-57 - Landscape Construction Management	7,900	23
Subtotal Capital - Measure M2 Program				\$ 304,062,633	



Freeways

I-405, SR-73 to I-605 (Project K)

Description:	I-405, SR-55 to I-605 - Right-of-Way Capital			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9081-FK101-0DW	Quantity:	1
Line Item ID:	FY21-01980	Type:	Cash	Unit Cost:	\$29,014,500.00
Manager:	Dennis Mak			Total:	\$29,014,500
Grant Funded? <input type="checkbox"/>					

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

The scope of work includes the acquisition of properties and property rights from private and public owners for the I-405, State Route 55 to I-605 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 general purpose lanes of the project.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollars 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 acquisition phase of work.

What phase of the project is this line item in, as of January 2, 2019?

Right-of-way phase.

Is this line item rebudgeted from a prior fiscal year?

Yes.

Description:	I-405, SR-55 to I-605 - Property Clearance			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9081-FK101-F17	Quantity:	1
Line Item ID:	FY21-02121	Type:	Cash	Unit Cost:	\$200,000.00
Manager:	Bill Mock			Total:	\$200,000
Grant Funded? <input type="checkbox"/>					

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

Scope of work includes demolition services to demolish and clear structures during construction of the I-405, State Route-73 to I-605 project. The budget request is for costs associated with these services.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollars requested is based on the industry standards for size and types of structures to be demolished and cleared from the parcels.

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, 2019?

Construction phase.

Is this line item rebudgeted from a prior fiscal year?

Yes.



Measure M2 Program

Freeways

I-405, SR-73 to I-605 (Project K)

Description:	I-405, SR-55 to I-605 - Right-of-Way Utilities			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9082-FK101-ODW	Quantity:	1
Line Item ID:	FY21-01799	Type:	Cash	Unit Cost:	\$23,246,052.00
Manager:	Dennis Mak			Total:	\$23,246,052
Grant Funded? <input type="checkbox"/>					

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

Right-of-way (ROW) work to relocate multiple utilities for the I-405, State Route-73 to I-605 project prior to and during the design and construction phases of work. The project will add new lanes, improve interchanges, and widen local overcrossings to the San Diego Freeway from State Route 55 in Costa Mesa to Interstate 605. More specifically, the project will add one general purpose lane and one express lane in each direction. The budget request is for costs associated with these services for the general purpose lanes of the project.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollars 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, 2019?

Construction phase.

Is this line item rebudgeted from a prior fiscal year?

Yes.

Description:	I-405, SR-55 to I-605 - Project Construction			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9084-FK101-OGM	Quantity:	1
Line Item ID:	FY21-01909	Type:	Encumbrance	Unit Cost:	\$39,000,000.00
Manager:	Dennis Mak			Total:	\$39,000,000
Grant Funded? <input type="checkbox"/>					

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

Existing Agreement C-5-3843 with OC 405 Partners for the I-405, State Route-73 to Interstate-605 project. The project will add new lanes, improve interchanges, and widen local overcrossings for 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 anticipated annual costs 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 dollars requested is based on anticipated expenditures for the fiscal year at a rate of 78% of the M2 funding to cover costs necessary to implement the general purpose lanes of the overall project.

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, 2019?

Construction phase.

Is this line item rebudgeted from a prior fiscal year?

Yes.



Freeways

I-405, SR-73 to I-605 (Project K)

Description:	I-405, SR-55 to I-605 - Cooperative Agreements			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9084-FK101-012	Quantity:	1
Line Item ID:	FY21-01912	Type:	Cash	Unit Cost:	\$4,012,217.00
Manager:	Dennis Mak			Total:	\$4,012,217
Grant Funded? <input type="checkbox"/>					

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

This work is being provided by various Cooperative Agreements with local agencies along the I-405, State Route-73 to I-605 project corridor, including the cities of Costa Mesa, Fountain Valley, Huntington Beach, Seal Beach, and Westminster, the Orange County Flood Control District (OCFCD), the Orange County Sanitation District (OCSD), the California Highway Patrol (CHP), and Union Pacific Railroad Company (UPRR). The work includes traffic engineering services, police services, and project support services, as well as traffic control services and pavement rehabilitation work for various city streets for the project, and construction inspection and flagging services. The budget request is for costs associated with these services related to the general purpose lanes of the project.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollars requested is based on the projected expenditures at a rate of 78% of the M2 funding for costs necessary to implement the general purpose lanes of the overall project.

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, 2019?

Construction phase.

Is this line item rebudgeted from a prior fiscal year?

Yes.

Description:	I-405, SR-55 to I-605 - Construction Management Consultant			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9085-FK101-0DY	Quantity:	1
Line Item ID:	FY21-01916	Type:	Cash	Unit Cost:	\$5,400,000.00
Manager:	Dennis Mak			Total:	\$5,400,000
Grant Funded? <input type="checkbox"/>					

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

Existing Agreement with Jacobs Construction Management Company for the I-405 Improvement Project from SR-55 to I-605. Construction Management Consultant (CMC) 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 are 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, 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, and 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 dollars requested is based on the projected expenditures at a rate of 75% of the M2 funding to cover costs necessary to implement the general purpose lanes for the overall project.

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, 2019?

Construction phase.

Is this line item rebudgeted from a prior fiscal year?

Yes.



Measure M2 Program

Freeways

I-405, SR-73 to I-605 (Project K)

Description:	I-405, SR-55 to I-605 - Caltrans Cooperative Agreement			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9085-FK101-OKM	Quantity:	1
Line Item ID:	FY21-02246	Type:	Cash	Unit Cost:	\$4,650,000.00
Manager:	Dennis Mak			Total:	\$4,650,000
Grant Funded? <input type="checkbox"/>					

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

Existing Caltrans Cooperative Agreement C-4-1847. Caltrans to provide construction inspection services and enhanced oversight, including right-of-way support services and right-of-way certification for the Interstate 405 Improvement Project from SR-55 to I-605. The budget request is for costs associated with these services.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollars requested is based on the projected expenditures for the fiscal year at a rate of 75% of the M2 funding to cover costs necessary to implement the general purpose lanes of the overall project.

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, 2019?

Construction phase.

Is this line item rebudgeted from a prior fiscal year?

Yes.

Description:	I-405, SR-55 to I-605 - Program Management Support Services			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9085-FK101-TZF	Quantity:	1
Line Item ID:	FY21-01913	Type:	Cash	Unit Cost:	\$13,500,000.00
Manager:	Dennis Mak			Total:	\$13,500,000
Grant Funded? <input type="checkbox"/>					

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

Existing Agreement C-2-1513 with Parsons Transportation Group, Inc. for the I-405 Improvement Project from SR-55 to I-605. The Program Management Consultant (PMC) shall assist OCTA in providing staff assistance and technical expertise to help manage the project. Consultant shall assist OCTA's Highway Programs in planning, managing, and controlling the overall project from environmental phase to construction completion. The budget request is for costs associated with these services for the general purpose lanes of the overall I-405 Improvement project.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollars requested is based on the projected expenditures for the fiscal year at a rate of 75% of the M2 funding to cover costs necessary to implement the general purpose lanes for the overall project.

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, 2019?

Construction phase.

Is this line item rebudgeted from a prior fiscal year?

Yes.



Freeways

I-5, Santa Ana Freeway (Project C)

Description:	I-5, SR-73 to Oso Parkway - Right-of-Way Capital			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9081-FC102-06W	Quantity:	1
Line Item ID:	FY21-02284	Type:	Cash	Unit Cost:	\$9,076,140.00
Manager:	Hamid Torkamanha			Total:	\$9,076,140
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. The scope of work includes the acquisition of properties and property rights from private and public owners for the I-5 Widening, State Route 73 to Oso Parkway. 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 general purpose lanes of the project.

Please explain how you arrived at the budgeted dollars requested. The budgeted dollars 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, 2019? Right-of-way phase.

Is this line item rebudgeted from a prior fiscal year? Yes.

Description:	I-5, Oso Parkway to Alicia Parkway - Right-of-Way Acquisition			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9081-FC105-104	Quantity:	1
Line Item ID:	FY21-02363	Type:	Encumbrance	Unit Cost:	\$5,349,190.00
Manager:	Niall Barrett			Total:	\$5,349,190
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. Costs associated with right-of-way acquisition for the I-5 Widening Project in South Orange County. The project will widen I-5 in each direction between Oso Creek and Alicia Parkway. This line item is for acquisition of Right-of-Way (ROW) needed to construct the project, based on actual payments to property owners for land acquisition, easements (permanent and temporary), and associated fees.

Please explain how you arrived at the budgeted dollars requested. Remainder in right-of-way cooperative agreement between OCTA and Caltrans.

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, 2019? Construction

Is this line item rebudgeted from a prior fiscal year? Yes



Measure M2 Program

Freeways

I-5, Santa Ana Freeway (Project C)

Description:	I-5, Alicia Parkway to El Toro Road - Right-of-Way Capital			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9081-FC106-104	Quantity:	1
Line Item ID:	FY21-02364	Type:	Encumbrance	Unit Cost:	\$9,711,883.00
Manager:	Niall Barrett			Total:	\$9,711,883
Grant Funded? <input type="checkbox"/>					

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

This is for Segment 3 (FC106) of the overall I-5 widening project and covers acquisition of right-of-way needed to construct the project based on actual payments to property owners for land acquisition, easements (permanent and temporary), and associated fees. The project will widen I-5 in each direction between Alicia Parkway and El Toro Road.

Please explain how you arrived at the budgeted dollars requested.

Remainder of amount in OCTA/Caltrans right-of-way cooperative agreement.

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, 2019?

Final Design

Is this line item rebudgeted from a prior fiscal year?

Yes

Description:	I-5, SR-73 to Oso Parkway - Right-of-Way Utilities			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9082-FC102-06W	Quantity:	1
Line Item ID:	FY21-02285	Type:	Cash	Unit Cost:	\$3,624,432.00
Manager:	Hamid Torkamanha			Total:	\$3,624,432
Grant Funded? <input type="checkbox"/>					

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

Relocate multiple utilities for the I-5 widening project, from SR-73 to Oso Parkway during the right-of-way (ROW) utility relocation phase of work. The project will widen I-5 in each direction between State Route-73 and Oso Creek.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollars 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 utility relocation phase of work.

What phase of the project is this line item in, as of January 2, 2019?

Right-of-way phase.

Is this line item rebudgeted from a prior fiscal year?

Yes.



Freeways

I-5, Santa Ana Freeway (Project C)

Description:	I-5, Oso Parkway to Alicia Parkway - Right-of-Way Utilities			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9082-FC105-06W	Quantity:	1
Line Item ID:	FY21-02361	Type:	Encumbrance	Unit Cost:	\$1,695,615.00
Manager:	Niall Barrett			Total:	\$1,695,615
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. This is for Segment 2 of the overall I-5 widening project. This line item is for right-of-way (ROW) relocation and protection of utilities required as part of the construction phase of the project. The project will widen I-5 in each direction between Oso Creek and Alicia Parkway.

Please explain how you arrived at the budgeted dollars requested. Remainder in amount based on the right-of-way cooperative agreement between OCTA and Caltrans.

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, 2019? Construction

Is this line item rebudgeted from a prior fiscal year? Yes

Description:	I-5, Alicia Parkway to El Toro Road - Right-of-Way Utilities			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9082-FC106-103	Quantity:	1
Line Item ID:	FY21-02362	Type:	Encumbrance	Unit Cost:	\$6,314,085.00
Manager:	Niall Barrett			Total:	\$6,314,085
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. This is for Segment 3 of the overall I-5 widening project. This line item is for right-of-way (ROW) relocation and protection of utilities required as part of the construction phase of the project. The project will widen I-5 in each direction between Alicia Parkway and El Toro Road.

Please explain how you arrived at the budgeted dollars requested. Remainder in amount based on right-of-way (ROW) cooperative agreement between OCTA & Caltrans.

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, 2019? Final Design

Is this line item rebudgeted from a prior fiscal year? Yes



Measure M2 Program

Freeways

I-5, Santa Ana Freeway (Project C)

Description:	I-5, HOV Improvement Project - Caltrans Cooperative Agreement			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9084-FC101-073	Quantity:	1
Line Item ID:	FY21-01898	Type:	Cash	Unit Cost:	\$2,052,200.00
Manager:	Hamid Torkamanha			Total:	\$2,052,200
Grant Funded? <input type="checkbox"/>					

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

Existing cooperative agreement 12-0680 with Caltrans to provide construction capital and construction support costs for the I-5 HOV Improvement Project, from Avenida Pico to Avenida Vista Hermosa. The project will add new High Occupancy Vehicle (HOV) lanes on both directions of I-5 between Avenida Pico and Avenida Vista Hermosa Overcrossing. The budget request is for costs associated with these services including pending construction claims for the project.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollars requested is based on the projected expenditures for the fiscal year to closeout the project.

What phase of the project does this line item support?

This line item will support the project closeout phase of work.

What phase of the project is this line item in, as of January 2, 2019?

Project closeout phase.

Is this line item rebudgeted from a prior fiscal year?

Yes.

Description:	I-5, HOV Improvement Project - Plant Establishment Construction			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9084-FC101-0JV	Quantity:	1
Line Item ID:	FY21-02280	Type:	Cash	Unit Cost:	\$587,328.00
Manager:	Hamid Torkamanha			Total:	\$587,328
Grant Funded? <input type="checkbox"/>					

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

Cooperative Agreement C-7-1651 (12-712) with Caltrans to provide two (2) additional years of plant establishment period for the I-5 HOV Improvement Project from Avenida Pico to San Juan Creek Road (Segments 1-3) after construction completion. The budget request is for costs associated with these services.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollars 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 phase of work.

What phase of the project is this line item in, as of January 2, 2019?

Plant establishment period.

Is this line item rebudgeted from a prior fiscal year?

Yes.



Freeways

I-5, Santa Ana Freeway (Project C)

Description:	I-5, SR-73 to Oso Parkway - Construction Capital			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9084-FC102-06W	Quantity:	1
Line Item ID:	FY21-01884	Type:	Cash	Unit Cost:	\$100,000.00
Manager:	Hamid Torkamanha			Total:	\$100,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. Cooperative agreement with Caltrans to provide construction capital and construction engineering funding for the I-5 Widening Project, from State Route 73 to Oso Parkway (Segment 1). The budget is for costs associated with these services.

Please explain how you arrived at the budgeted dollars requested. The budgeted dollars requested is based on the projected expenditures identified in the funding and spending summaries of the cooperative agreement during 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, 2019? Construction phase.

Is this line item rebudgeted from a prior fiscal year? Yes.

Description:	I-5, SR-73 to Oso Parkway - Cooperative Agreements			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9084-FC102-0U1	Quantity:	1
Line Item ID:	FY21-01896	Type:	Cash	Unit Cost:	\$300,000.00
Manager:	Hamid Torkamanha			Total:	\$300,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. Cooperative Agreements with the Cities of Laguna Niguel and Mission Viejo to provide city services including traffic engineering, police, and traffic management plan review services for the I-5 Widening, State Route-73 to Oso Parkway project. The budget request is for costs associated with these services.

Please explain how you arrived at the budgeted dollars requested. The budgeted dollars requested is based on the projected expenditures for the fiscal year.

What phase of the project does this line item support? The line item will support the construction phase of work.

What phase of the project is this line item in, as of January 2, 2019? Construction phase.

Is this line item rebudgeted from a prior fiscal year? Yes



Measure M2 Program

Freeways

I-5, Santa Ana Freeway (Project C)

Description:	I-5, PCH to San Juan Creek Rd - Caltrans Cooperative Agreement			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9084-FC104-073	Quantity:	1
Line Item ID:	FY21-01907	Type:	Cash	Unit Cost:	\$97,849.00
Manager:	Hamid Torkamanha			Total:	\$97,849
Grant Funded? <input type="checkbox"/>					

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

Existing cooperative agreement 12-0672 with Caltrans to provide construction capital and construction support costs for the I-5 High Occupancy Vehicle (HOV) Improvement Project, from Avenida Pico to Avenida Vista Hermosa. The project will add new HOV lanes in both directions of I-5 between Avenida Pico and Avenida Vista Hermosa. The budget request is for costs associated with these services including pending construction claims for the project.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollars requested is based on the projected expenditures for the fiscal year to closeout the project.

What phase of the project does this line item support?

This line item will support the project closeout phase of work.

What phase of the project is this line item in, as of January 2, 2019?

Project closeout phase.

Is this line item rebudgeted from a prior fiscal year?

Yes.

Description:	I-5, Oso Parkway to Alicia Parkway - Construction Capital			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9084-FC105-103	Quantity:	1
Line Item ID:	FY21-02372	Type:	Cash	Unit Cost:	\$35,000,000.00
Manager:	Niall Barrett			Total:	\$35,000,000
Grant Funded? <input type="checkbox"/>					

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

This is for Segment 2 of the overall I-5 Widening, Oso Parkway to Alicia Parkway project. Construction capital includes construction of highways: bridges, retaining walls, pavement, electrical, drainage, ITS, earthwork, grading, surveying, falsework, demolition, etc. The project will widen I-5 in each direction between Oso Creek and Alicia Parkway.

Please explain how you arrived at the budgeted dollars requested.

Based on current construction capital spend rate

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, 2019?

Construction

Is this line item rebudgeted from a prior fiscal year?

Yes



Freeways

I-5, Santa Ana Freeway (Project C)

Description:	I-5, Oso Parkway to Alicia Parkway - Construction and Maintenance Agreement			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9084-FC105-1OH	Quantity:	1
Line Item ID:	FY21-02389	Type:	Encumbrance	Unit Cost:	\$1,500,000.00
Manager:	Niall Barrett			Total:	\$1,500,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. This is for Segment 2 of the overall I-5 Widening, Oso Parkway to Alicia Parkway project for construction management support services. Management of day to day tasks associated with administration of a construction contract, including Requests for Information (RFI), scheduling, claims, inspection, and estimating. The project will widen I-5 in each direction between Oso Creek and Alicia Parkway.

Please explain how you arrived at the budgeted dollars requested. Based on a percentage of the overall Construction and Maintenance agreement compared to expected work to be performed.

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, 2019? Construction

Is this line item rebudgeted from a prior fiscal year? No

Description:	I-5, Oso Parkway to Alicia Parkway - Amtrak Bus Bridge Service			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9084-FC105-1OJ	Quantity:	1
Line Item ID:	FY21-02391	Type:	Encumbrance	Unit Cost:	\$100,000.00
Manager:	Niall Barrett			Total:	\$100,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. Costs associated with Amtrak providing bus bridge during closure of railroad for bridge demolition on this segment of the I-5 Widening project in south Orange County.

Please explain how you arrived at the budgeted dollars requested. Estimated costs obtained from LOSSAN Accounting Manager.

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, 2019? Construction

Is this line item rebudgeted from a prior fiscal year? No



Measure M2 Program

Freeways

I-5, Santa Ana Freeway (Project C)

Description:	I-5, Alicia Parkway to El Toro Road - Construction Capital			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9084-FC106-103	Quantity:	1
Line Item ID:	FY21-02374	Type:	Cash	Unit Cost:	\$14,000,000.00
Manager:	Niall Barrett			Total:	\$14,000,000
Grant Funded? <input type="checkbox"/>					

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

Construction capital costs to widen Interstate 5 freeway for the I-5, Alicia Parkway to El Toro Road segment 3 of the overall project in south Orange County. Work is currently underway to widen the freeway and this is for ongoing construction costs.

Please explain how you arrived at the budgeted dollars requested.

Based on similar construction capital costs and OCTA/Caltrans construction Cooperative Agreement.

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, 2019?

Final Design

Is this line item rebudgeted from a prior fiscal year?

No

Description:	I-5, Avenue Pico to Avenue Vista Hermosa - Landscape Construction Support			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9085-FC101-0JV	Quantity:	1
Line Item ID:	FY21-02282	Type:	Cash	Unit Cost:	\$32,173.00
Manager:	Hamid Torkamanha			Total:	\$32,173
Grant Funded? <input type="checkbox"/>					

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

Cooperative Agreement C-7-1561 (12-712) with Caltrans to provide two (2) years of plant establishment period after construction completion of the I-5 HOV Improvement Project from Avenida Pico to San Juan Creek Road (Segments 1-3). The budget request is for costs associated with the construction support of the project.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollars 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 phase of work.

What phase of the project is this line item in, as of January 2, 2019?

Plant establishment period.

Is this line item rebudgeted from a prior fiscal year?

Yes.



Freeways

I-5, Santa Ana Freeway (Project C)

Description:	I-5, SR-73 to Oso Parkway - Construction Management			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9085-FC102-06W	Quantity:	1
Line Item ID:	FY21-01892	Type:	Cash	Unit Cost:	\$2,400,000.00
Manager:	Hamid Torkamanha			Total:	\$2,400,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan 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 Widening, from State Route 73 to Oso Parkway. Construction Management (CM) consultant 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 dollars 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, 2019? Construction phase.

Is this line item rebudgeted from a prior fiscal year? Yes.

Description:	I-5, Oso Parkway to Alicia Parkway - Construction Management			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9085-FC105-103	Quantity:	1
Line Item ID:	FY21-02370	Type:	Cash	Unit Cost:	\$3,750,000.00
Manager:	Niall Barrett			Total:	\$3,750,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. This is for Segment 3 of the overall I-5 Widening, Oso Parkway to Alicia Parkway project for construction management support services. Management of day to day tasks associated with administration of a construction contract, including Requests for Information (RFI), scheduling, claims, inspection, estimating.

Please explain how you arrived at the budgeted dollars requested. Based on the current spending rate.

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, 2019? Construction

Is this line item rebudgeted from a prior fiscal year? Yes



Measure M2 Program

Freeways

I-5, Santa Ana Freeway (Project C)

Description:	I-5, Alicia Parkway to El Toro Road - Construction Management			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9085-FC106-103	Quantity:	1
Line Item ID:	FY21-02371	Type:	Cash	Unit Cost:	\$1,750,000.00
Manager:	Niall Barrett			Total:	\$1,750,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. Costs associated with consultant construction management services during construction for the I-5, Alicia Parkway to El Toro Road portion of the overall I-5 widening project in south Orange County.

Please explain how you arrived at the budgeted dollars requested. Based on similar work and spend rate for other portions of this 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, 2019? Final Design phase.

Is this line item rebudgeted from a prior fiscal year? No

I-5, SR-55 to SR-57 (Project A)

Description:	I-5, SR-55 to SR-57 - Construction Management			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9084-FA101-109	Quantity:	1
Line Item ID:	FY21-02375	Type:	Cash	Unit Cost:	\$1,500,000.00
Manager:	Niall Barrett			Total:	\$1,500,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. Construction management support services for the I-5, State Route-55 and State Route-57 project. Management of day to day tasks associated with administration of a construction contract, including Requests for Information (RFI), scheduling, claims, inspection, and estimation. The project will remove the existing barrier between the High Occupancy Vehicle (HOV) lane and general purposes lanes, as well as add a second HOV lane adjacent to the existing HOV lane.

Please explain how you arrived at the budgeted dollars requested. Based on current and project consultant spend rate.

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, 2019? Construction

Is this line item rebudgeted from a prior fiscal year? Yes



Freeways

SR-55, Costa Mesa Freeway (Project F)

Description:	SR-55, I-405 to I-5 - Right-of-Way Capital			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9081-FF101-0KU	Quantity:	1
Line Item ID:	FY21-01939	Type:	Cash	Unit Cost:	\$55,000,000.00
Manager:	Ross Lew			Total:	\$55,000,000
Grant Funded?	<input checked="" type="checkbox"/>				

Funding: 0017-6048-FF101-XKD FY2019 STBG 55,000,000

Total Funded: 55,000,000

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. Existing Cooperative Agreement with Caltrans. The scope of work includes the acquisition of properties and property rights from private and public owners for the SR-55, I-405 to I-5 portion of the project. These acquisitions include temporary construction easements, public utility easements, aerial easements, wall easements, footing easements, and drainage easements.

Please explain how you arrived at the budgeted dollars requested. The budgeted dollars 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, 2019? Right-of-way phase.

Is this line item rebudgeted from a prior fiscal year? Yes.

Description:	SR-55, I-405 to I-5 - Property Clearance Services			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9081-FF101-F17	Quantity:	1
Line Item ID:	FY21-02122	Type:	Cash	Unit Cost:	\$1,500,000.00
Manager:	Bill Mock			Total:	\$1,500,000
Grant Funded?	<input checked="" type="checkbox"/>				

Funding: 0017-6048-FF101-XKD FY2019 STBG 1,500,000

Total Funded: 1,500,000

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. The scope of work includes the acquisition of properties and property rights from private and public owners for the SR-55, I-405 to I-5 project. These acquisitions include temporary construction easements, public utility easements, aerial easements, wall easements, footing easements, and drainage easements.

Please explain how you arrived at the budgeted dollars requested. The budgeted dollars requested is based on industry standards for size and types of structures to be demolished and cleared from the parcels.

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, 2019? Right-of-way phase.

Is this line item rebudgeted from a prior fiscal year? Yes.



Measure M2 Program

Freeways

SR-55, Costa Mesa Freeway (Project F)

Description:	SR-55, I-405 to I-5 - Right-of-Way Utilities			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9082-FF101-0KU	Quantity:	1
Line Item ID:	FY21-01946	Type:	Cash	Unit Cost:	\$20,000,000.00
Manager:	Ross Lew			Total:	\$20,000,000
Grant Funded?	<input checked="" type="checkbox"/>				

Funding: 0017-6045-FF101-XKB FY2019 CMAQ 20,000,000

Total Funded: 20,000,000

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. Relocate multiple utilities for the State Route-55, I-405 to I-5 project during the right-of-way (ROW) utility relocation phase of work. The project will add one general purpose and a second High Occupancy Vehicle (HOV) lane in both directions of State Route-55 between Route 55/405 interchange in Irvine to the Route 5/55 interchange in Tustin in the cities of Santa Ana, Tustin, and Irvine.

Please explain how you arrived at the budgeted dollars requested. The budgeted dollars 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 utility relocation phase of work.

What phase of the project is this line item in, as of January 2, 2019? Design and right-of-way phases.

Is this line item rebudgeted from a prior fiscal year? Yes.

Description:	SR-55, I-405 to I-5 - Right-of-Way Relocation Assistance			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9083-FF101-0KU	Quantity:	1
Line Item ID:	FY21-01943	Type:	Cash	Unit Cost:	\$3,544,069.00
Manager:	Ross Lew			Total:	\$3,544,069
Grant Funded?	<input checked="" type="checkbox"/>				

Funding: 0017-6048-FF101-XKD FY2019 STBG 3,544,069

Total Funded: 3,544,069

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. The scope of work includes the relocation assistance for persons and entities displaced during the State Route-55, I-405 to I-5 project. The project will add one general purpose and a second High Occupancy Vehicle (HOV) lane in both directions of State Route-55 between Route 55/405 separation in Irvine to the Route 5/55 separation in Tustin in the cities of Santa Ana, Tustin, and Irvine.

Please explain how you arrived at the budgeted dollars requested. The budgeted dollars 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, 2019? Design and right-of-way phases.

Is this line item rebudgeted from a prior fiscal year? Yes.



Freeways

SR-55, Costa Mesa Freeway (Project F)

Description:	SR-55, I-405 to I-5 - City Cooperative Agreements			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9084-FF101-0TB	Quantity:	1
Line Item ID:	FY21-01947	Type:	Cash	Unit Cost:	\$400,000.00
Manager:	Ross Lew			Total:	\$400,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. This work is being provided by various Cooperative Agreements with local agencies along the SR-55, I-405 to I-5 project corridor, including the cities of Santa Ana, Irvine, and Tustin. The work includes traffic engineering services, police services, and project support services, as well as traffic control services for the project.

Please explain how you arrived at the budgeted dollars requested. The budgeted dollars requested are 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 design and construction phases of work.

What phase of the project is this line item in, as of January 2, 2019? Design and right-of-way phases.

Is this line item rebudgeted from a prior fiscal year? Yes

Description:	SR-55, I-405 to I-5 - Construction Management			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9085-FF101-10P	Quantity:	1
Line Item ID:	FY21-02410	Type:	Cash	Unit Cost:	\$5,000,000.00
Manager:	Jeannie Lee			Total:	\$5,000,000
Grant Funded? <input checked="" type="checkbox"/>					

Funding: 0017-6061-FF101-YLP FY2020 SHOPP 5,000,000

Total Funded: 5,000,000

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. Construction Management services to support construction of the overall SR-55 project from I-405 to I-5. Construction will build four additional lanes to improve mobility in the corridor.

Please explain how you arrived at the budgeted dollars requested. Estimated level of efforts for work anticipated.

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, 2019? PS&E (Design) phase.

Is this line item rebudgeted from a prior fiscal year? No



Measure M2 Program

Freeways

SR-57, Orange Freeway (Project G)

Description:	SR-57, Katella Avenue to Lincoln Boulevard - Landscape Construction			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9084-FG101-ODN	Quantity:	1
Line Item ID:	FY21-02377	Type:	Encumbrance	Unit Cost:	\$30,000.00
Manager:	Niall Barrett			Total:	\$30,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. Costs associated with landscape construction capital for the SR-57, Katella Avenue to Lincoln Boulevard project.

Please explain how you arrived at the budgeted dollars requested. Based on current spend rates.

What phase of the project does this line item support? Landscaping and plant establishment.

What phase of the project is this line item in, as of January 2, 2019? Landscaping and plant establishment.

Is this line item rebudgeted from a prior fiscal year? Yes

Description:	SR-57, Orangethorpe Avenue to Yorba Linda Boulevard - Landscape Construction			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9084-FG102-T3V	Quantity:	1
Line Item ID:	FY21-02384	Type:	Encumbrance	Unit Cost:	\$30,000.00
Manager:	Niall Barrett			Total:	\$30,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. Capital costs associated with landscaping and plant establishment for the SR-57, Orangethorpe Avenue to Yorba Linda Boulevard project.

Please explain how you arrived at the budgeted dollars requested. Based on current spend rates.

What phase of the project does this line item support? Replacement Landscaping, Plant Establishment.

What phase of the project is this line item in, as of January 2, 2019? Replacement Landscaping, Plant Establishment.

Is this line item rebudgeted from a prior fiscal year? Yes



Freeways

SR-57, Orange Freeway (Project G)

Description:	SR-57, Yorba Linda Blvd to Lambert Road - Landscape Construction			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9084-FG103-T3V	Quantity:	1
Line Item ID:	FY21-02378	Type:	Encumbrance	Unit Cost:	\$30,000.00
Manager:	Niall Barrett			Total:	\$30,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. Capital costs associated with landscaping and plant establishment for the SR-57, Yorba Linda Blvd to Lambert Road project.

Please explain how you arrived at the budgeted dollars requested. Based on the current spend rate.

What phase of the project does this line item support? Landscaping, Plant Establishment.

What phase of the project is this line item in, as of January 2, 2019? Landscaping, Plant Establishment.

Is this line item rebudgeted from a prior fiscal year? Yes

Description:	SR-57, Katella Avenue to Lincoln Boulevard - Landscape Support			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9085-FG101-ODN	Quantity:	1
Line Item ID:	FY21-02385	Type:	Encumbrance	Unit Cost:	\$30,000.00
Manager:	Niall Barrett			Total:	\$30,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. Costs associated with landscape construction capital and plant establishment for the SR-57, Katella Avenue to Lincoln Boulevard project.

Please explain how you arrived at the budgeted dollars requested. Based on current spend rates.

What phase of the project does this line item support? Replacement landscaping, plant establishment.

What phase of the project is this line item in, as of January 2, 2019? Replacement landscaping, plant establishment.

Is this line item rebudgeted from a prior fiscal year? Yes



Measure M2 Program

Freeways

SR-57, Orange Freeway (Project G)

Description:	SR-57, Orangethorpe Avenue to Yorba Linda Boulevard - Landscape Support			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9085-FG102-HGU	Quantity:	1
Line Item ID:	FY21-02387	Type:	Encumbrance	Unit Cost:	\$30,000.00
Manager:	Niall Barrett			Total:	\$30,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. Construction Management Costs associated with replacement planting, and plant establishment for the SR-57, Orangethorpe Avenue to Yorba Linda Boulevard project.

Please explain how you arrived at the budgeted dollars requested. Based on current spend rates.

What phase of the project does this line item support? Replacement landscaping, plant establishment.

What phase of the project is this line item in, as of January 2, 2019? Replacement landscaping, plant establishment.

Is this line item rebudgeted from a prior fiscal year? Yes

Description:	SR-57, Yorba Linda Boulevard to Lambert Road - Landscape Support			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9085-FG103-HGU	Quantity:	1
Line Item ID:	FY21-02386	Type:	Encumbrance	Unit Cost:	\$30,000.00
Manager:	Niall Barrett			Total:	\$30,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. Costs associated with replacement planting, and plant establishment phase for the SR-57, Yorba Linda Boulevard to Lambert Road project.

Please explain how you arrived at the budgeted dollars requested. Based on current spend rates of existing contract.

What phase of the project does this line item support? Replacement Landscaping, Plant Establishment.

What phase of the project is this line item in, as of January 2, 2019? Replacement Landscaping, Plant Establishment.

Is this line item rebudgeted from a prior fiscal year? Yes



Freeways

SR-91, I-5 to SR-57 (Project H)

Description:	SR-91, I-5 to SR-57 - Landscape Cooperative Agreement			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9084-FH101-0ED	Quantity:	1
Line Item ID:	FY21-02407	Type:	Cash	Unit Cost:	\$467,000.00
Manager:	Jeannie Lee			Total:	\$467,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. Landscape construction cost remaining for Plant Establishment under existing Caltrans cooperative agreement C-4-1347. The project will provide an additional general purpose lane on the Riverside Freeway in the westbound direction by connecting existing auxiliary lanes through the interchanges within the project limits to create a 4th continuous westbound general purpose lane.

Please explain how you arrived at the budgeted dollars requested. Estimated level of efforts for work anticipated to perform.

What phase of the project does this line item support? Construction for Landscaping.

What phase of the project is this line item in, as of January 2, 2019? Construction for Landscaping.

Is this line item rebudgeted from a prior fiscal year? No

Description:	SR-91, I-5 to SR-57 - Landscape Construction Management			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9085-FH101-0EE	Quantity:	1
Line Item ID:	FY21-02408	Type:	Cash	Unit Cost:	\$7,900.00
Manager:	Jeannie Lee			Total:	\$7,900
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. Landscape construction management services to support remaining plant establishment through existing Caltrans cooperative agreement C-4-1347 for the SR-91, I-5 to SR-57 project.

Please explain how you arrived at the budgeted dollars requested. Estimated level of efforts to work anticipated to perform.

What phase of the project does this line item support? Construction for Landscaping.

What phase of the project is this line item in, as of January 2, 2019? Construction for Landscaping.

Is this line item rebudgeted from a prior fiscal year? No



Rail Program

Rail					
Line Item Controlled Capital					
Org- Key	Department / Fund Name	Obj	Line Item Description	Budget	Page No.
Anaheim Canyon Metrolink Station					
0018	Commuter Rail	9081	Anaheim Canyon Metrolink Station - Right-of-Way Acquisitio	1,500,000	25
0018	Commuter Rail	9084	Anaheim Canyon Metrolink Station - Construction	13,000,000	25
0018	Commuter Rail	9085	Anaheim Canyon Metrolink Station - Construction Manageme	1,800,000	26
Double Track Improvements					
0018	Commuter Rail	9082	Double Track Improvements - Utility Relocation	100,000	26
Irvine Station Improvements					
0018	Commuter Rail	9082	Irvine Station Improvements - Utility Relocation	100,000	27
Laguna Niguel to San Juan Capistrano Passing Siding					
0018	Commuter Rail	9082	Laguna Niguel to San Juan Capistrano Passing Siding - Utility R	500,000	27
0018	Commuter Rail	9084	Laguna Niguel to San Juan Capistrano Passing Siding - Cooper	550,000	28
0018	Commuter Rail	9084	Laguna Niguel to San Juan Capistrano Passing Siding - Constru	1,930,000	28
0018	Commuter Rail	9085	Laguna Niguel to San Juan Capistrano Passing Siding - Constru	1,700,000	29
Miscellaneous Metrolink Rail Station Improvements					
0018	Commuter Rail	9084	Orange County Stations Rehab Project - Construction	1,304,000	29
0018	Commuter Rail	9084	Laguna Niguel / Mission Viejo Metrolink Station Improvemen	200,000	30
0018	Commuter Rail	9084	Fullerton Stair Replacement	861,000	30
San Juan Creek Bridge Replacement					
0017	Local Transport Auth Mea	9081	San Juan Creek Bridge Replacement - Right-of-Way Acquisitio	500,000	31
0017	Local Transport Auth Mea	9082	San Juan Creek Bridge Replacement - Utility Relocation	500,000	31
Slope Stabilization					
0018	Commuter Rail	9082	Right-of-Way Slope Stabilization - Utility Relocation	100,000	32
Subtotal Capital - Rail				\$ 24,645,000	



Anaheim Canyon Metrolink Station

Description:	Anaheim Canyon Metrolink Station - Right-of-Way Acquisition			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0018-9081-C5061-TXD	Quantity:	1
Line Item ID:	FY21-02257	Type:	Encumbrance	Unit Cost:	\$1,500,000.00
Manager:	Lora Cross			Total:	\$1,500,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. Acquisition of a right of entry permit for access onto right-of-way to construct the extension of the platform as part of the Anaheim Canyon project. Temporary construction easement related to improvements for the Anaheim Canyon station improvement project. It is assumed that access to the construction site will be through the adjacent PacificCenter Plaza area. The Anaheim Canyon station project includes the addition of a second station track, platform, and passenger amenities, including ticket vending machines, benches, canopies, and signage. The existing platform will also be extended to accommodate longer trains.

Please explain how you arrived at the budgeted dollars requested. Estimate from OCTA Right-of-Way Department.

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, 2019? Final Design.

Is this line item rebudgeted from a prior fiscal year? Yes.

Description:	Anaheim Canyon Metrolink Station - Construction			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0018-9084-C5061-TXD	Quantity:	1
Line Item ID:	FY21-02242	Type:	Encumbrance	Unit Cost:	\$13,000,000.00
Manager:	Lora Cross			Total:	\$13,000,000
Grant Funded? <input checked="" type="checkbox"/>					

Funding: 0018-6037-C5061-LJ3 FY 2018 FTA Sec 5307 FLEX (Mega 2) 13,000,000

Total Funded: 13,000,000

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. Construction of the Anaheim Canyon Metrolink station project. Improvements include the addition of a second station track, platform, and passenger amenities, including ticket vending machines, benches, canopies, and signage. The existing platform will also be extended to accommodate longer trains.

Please explain how you arrived at the budgeted dollars requested. Engineer's estimate for the cost of construction.

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, 2019? Final Design.

Is this line item rebudgeted from a prior fiscal year? Yes.



Rail Program

Anaheim Canyon Metrolink Station

Description:	Anaheim Canyon Metrolink Station - Construction Management			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0018-9085-C5061-TXD	Quantity:	1
Line Item ID:	FY21-02245	Type:	Cash	Unit Cost:	\$1,800,000.00
Manager:	Lora Cross			Total:	\$1,800,000
Grant Funded?	<input checked="" type="checkbox"/>				

Funding: 0018-6037-C5061-LJ3 FY 2018 FTA Sec 5307 FLEX (Mega 2) 1,800,000
Total Funded: 1,800,000

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. Construction management services related to the construction of the Anaheim Canyon Metrolink station improvements project. The project includes the addition of a second station track, platform, and passenger amenities, including ticket vending machines, benches, canopies, and signage. The existing platform will also be extended to accommodate longer trains.

Please explain how you arrived at the budgeted dollars requested. Negotiated contract amount.

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, 2019? Final Design.

Is this line item rebudgeted from a prior fiscal year? Yes.

Double Track Improvements

Description:	Double Track Improvements - Utility Relocation			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0018-9082-TR218-0SZ	Quantity:	1
Line Item ID:	FY21-02207	Type:	Cash	Unit Cost:	\$100,000.00
Manager:	Jason Lee			Total:	\$100,000
Grant Funded?	<input type="checkbox"/>				

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. The utility owners will need to relocate their facilities as needed for the Double Track improvement project. If the utility facilities cannot be protected in place, agreements will be required with the utility owners to relocate utilities before or during construction.

Please explain how you arrived at the budgeted dollars requested. Cost estimate provided by real properties department.

What phase of the project does this line item support? Design and construction phases.

What phase of the project is this line item in, as of January 2, 2019? Design phase.

Is this line item rebudgeted from a prior fiscal year? Yes.



Irvine Station Improvements

Description:	Irvine Station Improvements - Utility Relocation			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0018-9082-TR215-0SV	Quantity:	1
Line Item ID:	FY21-02206	Type:	Cash	Unit Cost:	\$100,000.00
Manager:	Jason Lee			Total:	\$100,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. The utility owners will need to relocate their facilities as needed for the Irvine Station improvement project. If the utility facilities cannot be protected in place, agreements will be required with the utility owners to relocate utilities before or during construction.

Please explain how you arrived at the budgeted dollars requested. Cost estimate provided by real properties department.

What phase of the project does this line item support? Design and construction phases.

What phase of the project is this line item in, as of January 2, 2019? Environmental phase.

Is this line item rebudgeted from a prior fiscal year? Yes.

Laguna Niguel to San Juan Capistrano Passing Siding

Description:	Laguna Niguel to San Juan Capistrano Passing Siding - Utility Relocation			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0018-9082-C5051-TZ2	Quantity:	1
Line Item ID:	FY21-02204	Type:	Cash	Unit Cost:	\$500,000.00
Manager:	Jason Lee			Total:	\$500,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. The utility owners will need to relocate their facilities as needed for the Laguna Niguel to San Juan Capistrano passing siding project. If the utility facilities cannot be protected in place, agreements will be required with the utility owners to relocate utilities before or during construction.

Please explain how you arrived at the budgeted dollars requested. Cost estimate provided by real properties department.

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, 2019? Construction phase.

Is this line item rebudgeted from a prior fiscal year? Yes.



Rail Program

Laguna Niguel to San Juan Capistrano Passing Siding

Description:	Laguna Niguel to San Juan Capistrano Passing Siding - Cooperative Agreement Cons			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0018-9084-C5051-1J0	Quantity:	1
Line Item ID:	FY21-02211	Type:	Cash	Unit Cost:	\$550,000.00
Manager:	Jason Lee			Total:	\$550,000
Grant Funded?	<input checked="" type="checkbox"/>				

Funding: 0018-6037-C5051-LG3 FY 2015 FTA Sec 5307 FLEX (Mega 1) - CA-2017-072 550,000
Total Funded: 550,000

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

Cooperative agreement with the Southern California Regional Rail Authority (SCRRA) to construct signal and communications systems needed for the Laguna Niguel to 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 to 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 10% of the contract value for potential construction changes.

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, 2019?

Construction.

Is this line item rebudgeted from a prior fiscal year?

Yes.

Description:	Laguna Niguel to San Juan Capistrano Passing Siding - Construction			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0018-9084-C5051-TZ2	Quantity:	1
Line Item ID:	FY21-02209	Type:	Encumbrance	Unit Cost:	\$1,930,000.00
Manager:	Jason Lee			Total:	\$1,930,000
Grant Funded?	<input checked="" type="checkbox"/>				

Funding: 0018-6037-C5051-LG3 FY 2015 FTA Sec 5307 FLEX (Mega 1) - CA-2017-072 1,930,000
Total Funded: 1,930,000

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

Construction of the passing siding tracks, retaining walls, bridge, and other aspects of the Laguna Niguel to San Juan Capistrano passing siding project. The Laguna Niguel to 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. Details of the construction include relocation of existing spur track, construction of new retaining walls, relocation of utilities, extension of culverts, drainage improvements, replacement of a rail bridge, and reprofiling street to improve grades.

Please explain how you arrived at the budgeted dollars requested.

Estimated potential change order costs based on 10% of construction bid.

What phase of the project does this line item support?

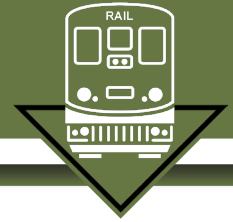
Construction.

What phase of the project is this line item in, as of January 2, 2019?

Construction.

Is this line item rebudgeted from a prior fiscal year?

Yes.



Laguna Niguel to San Juan Capistrano Passing Siding

Description:	Laguna Niguel to San Juan Capistrano Passing Siding - Construction Management Se			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0018-9085-C5051-TZ2	Quantity:	1
Line Item ID:	FY21-02212	Type:	Cash	Unit Cost:	\$1,700,000.00
Manager:	Jason Lee			Total:	\$1,700,000
Grant Funded?	<input checked="" type="checkbox"/>				

Funding:	0018-6037-C5051-LG3	FY 2015 FTA Sec 5307 FLEX (Mega 1) - CA-2017-072	1,700,000
Total Funded:			1,700,000

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. Scope includes management of the construction contract, safety, testing, and other construction management services related to the Laguna Niguel to 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 second year of a two year project.

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, 2019? Construction

Is this line item rebudgeted from a prior fiscal year? Yes.

Miscellaneous Metrolink Rail Station Improvements

Description:	Orange County Stations Rehab Project - Construction			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0018-9084-C5063-TZR	Quantity:	1
Line Item ID:	FY21-02210	Type:	Encumbrance	Unit Cost:	\$1,304,000.00
Manager:	Jason Lee			Total:	\$1,304,000
Grant Funded?	<input checked="" type="checkbox"/>				

Funding:	0018-6033-C5063-MMY	FY 2021 FTA Sec 5337	923,451
Funding:	0018-6031-C5063-LD9	FY 2012 FTA Sec 5307 - CA-90-Y942	154,549
Total Funded:			1,078,000

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. The scope includes rehabilitation of yellow warning striping, Americans with Disabilities Act (ADA) detectable tiles, and other safety and/or ADA features within the station operating rail right of way. The project will provide rehabilitation of safety and/or ADA features at OC stations. Locations include Fullerton, Santa Ana, San Clemente, Buena Park, Orange, and Laguna Niguel to Mission Viejo.

Please explain how you arrived at the budgeted dollars requested. Estimate based on past 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, 2019? Invitation for bid procurement.

Is this line item rebudgeted from a prior fiscal year? Yes.



Rail Program

Miscellaneous Metrolink Rail Station Improvements

Description:	Laguna Niguel / Mission Viejo Metrolink Station Improvements - Construction Settlem			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0018-9084-C5066-N0H	Quantity:	1
Line Item ID:	FY21-02232	Type:	Encumbrance	Unit Cost:	\$200,000.00
Manager:	Jason Lee			Total:	\$200,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. Analyze the claim on the Laguna Niguel / Mission Viejo Metrolink station and review potential payment if the case is settled.

Please explain how you arrived at the budgeted dollars requested. Potential costs based on claim.

What phase of the project does this line item support? Post construction close out.

What phase of the project is this line item in, as of January 2, 2019? Post construction.

Is this line item rebudgeted from a prior fiscal year? No.

Description:	Fullerton Stair Replacement			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0018-9084-C5069-0Z5	Quantity:	1
Line Item ID:	FY21-02243	Type:	Encumbrance	Unit Cost:	\$861,000.00
Manager:	Lora Cross			Total:	\$861,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. Invitation for bid for the replacement of the stairs at the Fullerton Transportation Center. This project will provide infrastructure improvements to the Fullerton Transportation Center.

Please explain how you arrived at the budgeted dollars requested. Engineer's estimate.

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, 2019? Final Design.

Is this line item rebudgeted from a prior fiscal year? No.



San Juan Creek Bridge Replacement

Description:	San Juan Creek Bridge Replacement - Right-of-Way Acquisition Services			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9081-TR022-ODM	Quantity:	1
Line Item ID:	FY21-02193	Type:	Cash	Unit Cost:	\$500,000.00
Manager:	Jason Lee			Total:	\$500,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. The scope of work includes the acquisition of properties and property rights from private and public owners for the San Juan Creek Bridge replacement project. These acquisitions include temporary construction easements, permanent easements, and sliver of properties in fee. 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 line item cost is based on estimates by the real property dept.

What phase of the project does this line item support? Right of way phase

What phase of the project is this line item in, as of January 2, 2019? The project is in the environmental and design phases

Is this line item rebudgeted from a prior fiscal year? Yes

Description:	San Juan Creek Bridge Replacement - Utility Relocation			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0017-9082-TR022-ODM	Quantity:	1
Line Item ID:	FY21-02194	Type:	Cash	Unit Cost:	\$500,000.00
Manager:	Jason Lee			Total:	\$500,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. Work with utility owners to relocate water, gas, or electric facilities for the San Juan Creek Bridge replacement project. The deliverables will be the relocation of various utilities.

Please explain how you arrived at the budgeted dollars requested. This item is an estimate of the potential utility relocation costs if needed

What phase of the project does this line item support? Design and right of way phases

What phase of the project is this line item in, as of January 2, 2019? The project is in environmental and design phases

Is this line item rebudgeted from a prior fiscal year? Yes



Rail Program

Slope Stabilization

Description:	Right-of-Way Slope Stabilization - Utility Relocation			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0018-9082-C5052-0N9	Quantity:	1
Line Item ID:	FY21-02208	Type:	Cash	Unit Cost:	\$100,000.00
Manager:	Jason Lee			Total:	\$100,000
Grant Funded? <input type="checkbox"/>					

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

The utility owners will need to relocate their facilities as needed for the right-of-way slope stabilization. If the utility facilities cannot be protected in place, agreements will be required with the utility owners to relocate utilities before or during construction.

Please explain how you arrived at the budgeted dollars requested.

Cost estimate provided by real properties department.

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, 2019?

Construction phase.

Is this line item rebudgeted from a prior fiscal year?

Yes.

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OC Streetcar

Line Item Controlled Capital

Org- Key	Department / Fund Name	Obj	Line Item Description	Budget	Page No.
OC Streetcar					
0051	Transit Development Cap	9015	OC Streetcar - Right-of-Way Acquisition and Relocation	1,000,000	35
0051	Transit Development Cap	9015	OC Streetcar - Right-of-Way Acquisition	150,000	35
0051	Transit Development Cap	9016	OC Streetcar - Right-of-Way Utilities	7,434,453	36
0051	Transit Development Cap	9017	OC Streetcar - Construction Services - P10	2,850,498	36
0051	Transit Development Cap	9017	OC Streetcar - Construction Services - P20	540,994	37
0051	Transit Development Cap	9017	OC Streetcar - Construction Services - P30	2,464,722	37
0051	Transit Development Cap	9017	OC Streetcar - Construction Services - P40	4,887,720	38
0051	Transit Development Cap	9017	OC Streetcar - Construction Services - P50	3,610,432	38
0051	Transit Development Cap	9017	OC Streetcar - Ticket Vending Machines	1,280,258	39
0051	Transit Development Cap	9018	OC Streetcar - Construction Management Services	5,000,000	39
0051	Transit Development Cap	9024	OC Streetcar - Vehicle Manufacturing and Delivery	250,000	40
0051	Transit Development Cap	9025	OC Streetcar - Non Revenue Vehicles	892,500	40
0051	Transit Development Cap	9026	OC Streetcar - Owner Supplied Vehicle Equipment	350,000	41
0051	Transit Development Cap	9026	OC Streetcar - Vehicle Spare Parts and Special Tools	1,000,000	41
Subtotal Capital - OC Streetcar				\$ 31,711,577	



OC Streetcar

Description:	OC Streetcar - Right-of-Way Acquisition and Relocation			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0051-9015-TS010-999	Quantity:	1
Line Item ID:	FY21-02413	Type:	Cash	Unit Cost:	\$1,000,000.00
Manager:	Mary Shavalier			Total:	\$1,000,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. Additional 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. Request based upon a percentage of the estimated right-of-way acquisition costs.

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, 2019? Construction.

Is this line item rebudgeted from a prior fiscal year? Yes.

Description:	OC Streetcar - Right-of-Way Acquisition			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0051-9015-TS010-Z61	Quantity:	1
Line Item ID:	FY21-02316	Type:	Cash	Unit Cost:	\$150,000.00
Manager:	Mary Shavalier			Total:	\$150,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. The scope of work includes expenses related to the acquisition of the MSF (Maintenance Storage Facility) property required for the OC Streetcar project.

Please explain how you arrived at the budgeted dollars requested. The budget is based on projected costs for acquisitions.

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, 2019? Construction.

Is this line item rebudgeted from a prior fiscal year? Yes.



OC Streetcar

OC Streetcar

Description:	OC Streetcar - Right-of-Way Utilities			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0051-9016-TS010-Z42	Quantity:	1
Line Item ID:	FY21-02414	Type:	Cash	Unit Cost:	\$7,434,453.00
Manager:	Mary Shavalier			Total:	\$7,434,453
Grant Funded?	<input type="checkbox"/>				

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. This line item represents the costs associated with utility relocations for the right-of-way phase of the overall 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.

Please explain how you arrived at the budgeted dollars requested. Budget was based on cost estimates provided by the utility companies.

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, 2019? Construction.

Is this line item rebudgeted from a prior fiscal year? Yes.

Description:	OC Streetcar - Construction Services - P10			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0051-9017-TS010-Z10	Quantity:	1
Line Item ID:	FY21-02317	Type:	Encumbrance	Unit Cost:	\$2,850,498.00
Manager:	Mary Shavalier			Total:	\$2,850,498
Grant Funded?	<input checked="" type="checkbox"/>				

Funding: 0051-6041-TS010-Z10 FTA Sec 5309 - FFGA - CA-2019-018 1,512,300

Total Funded: 1,512,300

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. Additional services for the OC Streetcar construction contract for the track and guideway element. This line item includes 4.15 miles of guideway for the project and direct fixation, embedded, ballasted and special track work.

Please explain how you arrived at the budgeted dollars requested. Assumes 7% of construction contract for additional services.

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, 2019? Construction.

Is this line item rebudgeted from a prior fiscal year? Yes.



OC Streetcar

Description:	OC Streetcar - Construction Services - P20			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0051-9017-TS010-Z20	Quantity:	1
Line Item ID:	FY21-02420	Type:	Encumbrance	Unit Cost:	\$540,994.00
Manager:	Mary Shavalier			Total:	\$540,994
Grant Funded?	<input checked="" type="checkbox"/>				

Funding: 0051-6041-TS010-Z20 FTA Sec 5309 - FFGA - CA-2019-018 183,073

Total Funded: 183,073

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. Additional services for the streetcar construction contract for the station elements. This line item includes 10 new streetcar stations, three of which are station pairs. These stations and facilities are designed to meet current Americans with Disabilities Act (ADA) requirements for transit facilities.

Please explain how you arrived at the budgeted dollars requested. Assumes 7% of construction contract for additional services.

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, 2019? Construction.

Is this line item rebudgeted from a prior fiscal year? Yes.

Description:	OC Streetcar - Construction Services - P30			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0051-9017-TS010-Z30	Quantity:	1
Line Item ID:	FY21-02318	Type:	Encumbrance	Unit Cost:	\$2,464,722.00
Manager:	Mary Shavalier			Total:	\$2,464,722
Grant Funded?	<input checked="" type="checkbox"/>				

Funding: 0051-6041-TS010-Z30 FTA Sec 5309 - FFGA - CA-2019-018 552,795

Total Funded: 552,795

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. Additional services for the OC Streetcar construction contract for the maintenance and storage facility element. This line item includes costs associated with support facilities, including costs for rough grading, excavation, support structures, enclosures, finishes, equipment, mechanical and electrical components including heating, ventilation, air conditioning shafts and equipment, facility power, lighting, public address system, safety systems such as fire detection and prevention, security surveillance, access control, life safety systems, etc.

Please explain how you arrived at the budgeted dollars requested. Assumes 7% of the construction contract for additional services.

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, 2019? Construction.

Is this line item rebudgeted from a prior fiscal year? Yes.



OC Streetcar

OC Streetcar

Description:	OC Streetcar - Construction Services - P40			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0051-9017-TS010-Z40	Quantity:	1
Line Item ID:	FY21-02319	Type:	Encumbrance	Unit Cost:	\$4,887,720.00
Manager:	Mary Shavalier			Total:	\$4,887,720
Grant Funded?	<input checked="" type="checkbox"/>				

Funding: 0051-6041-TS010-Z40 FTA Sec 5309 - FFGA - CA-2019-018 2,275,934

Total Funded: 2,275,934

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. Additional services for the OC Streetcar construction contract for the site work and special conditions elements, including city utility relocations. This line item includes all necessary site work and special work associated with utilities, hazardous materials, environmental mitigations, landscaping, street modifications, station amenities, and temporary facilities needed for the construction of the Project.

Please explain how you arrived at the budgeted dollars requested. Assumes 7% of the construction contract for additional services.

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, 2019? Construction.

Is this line item rebudgeted from a prior fiscal year? Yes.

Description:	OC Streetcar - Construction Services - P50			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0051-9017-TS010-Z50	Quantity:	1
Line Item ID:	FY21-02421	Type:	Encumbrance	Unit Cost:	\$3,610,432.00
Manager:	Mary Shavalier			Total:	\$3,610,432
Grant Funded?	<input checked="" type="checkbox"/>				

Funding: 0051-6041-TS010-Z50 FTA Sec 5309 - FFGA - CA-2019-018 1,839,171

Total Funded: 1,839,171

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. Additional services for the OC Streetcar construction contract for the systems elements, including traction power supply, signals, and communications. This line item includes train control, traction power supply, traction power distribution, communications, fare collection, and modification of the central control facilities.

Please explain how you arrived at the budgeted dollars requested. Assumes 7% of the construction contract for additional services.

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, 2019? Construction.

Is this line item rebudgeted from a prior fiscal year? Yes.



OC Streetcar

Description:	OC Streetcar - Ticket Vending Machines			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0051-9017-TS010-Z55	Quantity:	1
Line Item ID:	FY21-02428	Type:	Encumbrance	Unit Cost:	\$1,280,258.00
Manager:	Mary Shavalier			Total:	\$1,280,258
Grant Funded?	<input checked="" type="checkbox"/>				

Funding: 0051-6041-TS010-Z50 FTA Sec 5309 - FFGA - CA-2019-018 652,169

Total Funded: 652,169

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. The expense is for the fabrication and installation of ticket vending machines (TVMs) and fare card readers at station platforms. TVMs will be installed at each streetcar stop, enabling passengers to pay their fare before entering the vehicles. Estimate includes the manufacturing, installation and integration of 18 machines plus 2 spares. Estimate also includes inspection devices.

Please explain how you arrived at the budgeted dollars requested. The cost estimate is based upon information obtained from other transit agencies.

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, 2019? Construction.

Is this line item rebudgeted from a prior fiscal year? Yes.

Description:	OC Streetcar - Construction Management Services			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0051-9018-TS010-Z84	Quantity:	1
Line Item ID:	FY21-02430	Type:	Cash	Unit Cost:	\$5,000,000.00
Manager:	Mary Shavalier			Total:	\$5,000,000
Grant Funded?	<input checked="" type="checkbox"/>				

Funding: 0051-6041-TS010-Z80 FTA Sec 5309 - FFGA - CA-2019-018 2,124,725

Total Funded: 2,124,725

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. The Construction Management (CM) contractor oversees the performance of the construction contractor and their compliance with contract terms. Contract Terms including administration, inspection services, quality assurance verification, surveying, and coordination of third-party utilities. The contractor will oversee the construction of beginning of milestone 1, which includes the completion of the Maintenance Service Facility and the 1.5 mile test track.

Please explain how you arrived at the budgeted dollars requested. Estimating the level of effort required by the CM during FY 2021.

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, 2019? Construction.

Is this line item rebudgeted from a prior fiscal year? Yes.



OC Streetcar

Description:	OC Streetcar - Vehicle Manufacturing and Delivery			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0051-9024-TS010-Z71	Quantity:	1
Line Item ID:	FY21-02422	Type:	Encumbrance	Unit Cost:	\$250,000.00
Manager:	Cleve Cleveland			Total:	\$250,000
Grant Funded?	<input checked="" type="checkbox"/>				

Funding: 0051-6041-TS010-Z70 FTA Sec 5309 - FFGA - CA-2019-018 119,475

Total Funded: 119,475

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. Cost associated with the manufacturing of OC Streetcar vehicles that arise in the natural course of business as specifications and/or vehicle inspections are conducted and by default modifications are required.

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? Construction.

What phase of the project is this line item in, as of January 2, 2019? Construction.

Is this line item rebudgeted from a prior fiscal year? Yes.

Description:	OC Streetcar - Non Revenue Vehicles			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0051-9025-TS010-Z76	Quantity:	1
Line Item ID:	FY21-02427	Type:	Encumbrance	Unit Cost:	\$892,500.00
Manager:	Cleve Cleveland			Total:	\$892,500
Grant Funded?	<input checked="" type="checkbox"/>				

Funding: 0051-6041-TS010-Z70 FTA Sec 5309 - FFGA - CA-2019-018 426,532

Total Funded: 426,532

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. Acquisition of four specialized non-revenue vehicles required for maintenance of the streetcar.
 -One Buck Truck for \$162,064
 -One Pallet Stacker for \$28,160
 -One Rail Sweeper for \$162,064
 -One Tow Vehicle for \$540,212

Please explain how you arrived at the budgeted dollars requested. Cost estimates 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, 2019? Construction.

Is this line item rebudgeted from a prior fiscal year? Yes.



OC Streetcar

Description:	OC Streetcar - Owner Supplied Vehicle Equipment			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0051-9026-TS010-Z71	Quantity:	1
Line Item ID:	FY21-02425	Type:	Cash	Unit Cost:	\$350,000.00
Manager:	Cleve Cleveland			Total:	\$350,000
Grant Funded?	<input checked="" type="checkbox"/>				

Funding: 0051-6041-TS010-Z70 FTA Sec 5309 - FFGA - CA-2019-018 167,268

Total Funded: 167,268

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. Acquisition of owner supplied equipment required for the streetcar owner supplied vehicle equipment that includes a radio system, a passenger fare validator, transit signal priority equipment, etc. This also includes an Intelligent Transit Management System potential change order.

Please explain how you arrived at the budgeted dollars requested. Cost estimate was based on 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, 2019? Construction.

Is this line item rebudgeted from a prior fiscal year? Yes.

Description:	OC Streetcar - Vehicle Spare Parts and Special Tools			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0051-9026-TS010-Z77	Quantity:	1
Line Item ID:	FY21-02426	Type:	Encumbrance	Unit Cost:	\$1,000,000.00
Manager:	Cleve Cleveland			Total:	\$1,000,000
Grant Funded?	<input checked="" type="checkbox"/>				

Funding: 0051-6041-TS010-Z70 FTA Sec 5309 - FFGA - CA-2019-018 477,907

Total Funded: 477,907

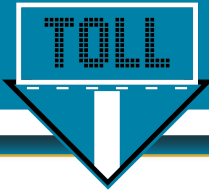
Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. Acquisition of spare parts, specialized tools, and equipment required for OC Streetcar vehicle maintenance. Cost associated with the manufacturing of OC Streetcar vehicles that arise in the natural course of business as specifications and/or vehicle inspections are conducted and by default modifications are required.

Please explain how you arrived at the budgeted dollars requested. Cost estimates were 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, 2019? Construction.

Is this line item rebudgeted from a prior fiscal year? Yes.



Express Lanes

Express Lanes

Line Item Controlled Capital

Org- Key	Department / Fund Name	Obj	Line Item Description	Budget	Page No.
91 Express Lanes					
91 Express Lanes Capital Expense					
0036	91 Express Lanes	9028	91 Express Lanes Back Office System	200,000	43
0036	91 Express Lanes	9028	Electronic Toll and Traffic Management System	350,000	43
0036	91 Express Lanes	9028	Computer Infrastructure Components	90,000	44
0036	91 Express Lanes	9030	Title 21 Switchable Transponders	155,000	44
I-405 Express Lanes					
405 Express Lanes					
0037	I-405 Express Lane	9015	I-405 Express Lanes - Right-of-Way Capital	14,485,500	45
0037	I-405 Express Lane	9016	I-405 Express Lanes - Right-of-Way Utilities	1,277,174	45
0037	I-405 Express Lane	9017	I-405 Express Lanes - Project Allotment	11,000,000	46
0037	I-405 Express Lane	9017	I-405 Express Lanes - Local Cooperative Agreements	1,131,651	46
0037	I-405 Express Lane	9018	I-405 Express Lanes - Construction Management Services	1,800,000	47
0037	I-405 Express Lane	9018	I-405 Express Lanes - Caltrans Cooperative Agreement	1,550,000	47
0037	I-405 Express Lane	9018	I-405 Express Lanes - Project Management Support Services	4,500,000	48
0037	I-405 Express Lane	9023	I-405 Express Lanes - Toll Operations Center Improvement	975,000	48
0037	I-405 Express Lane	9028	I-405 Express Lanes - Back Office System	14,250,000	49
0037	I-405 Express Lane	9028	I-405 Express Lanes - Toll Lane System Integrator	750,000	49
Subtotal Capital - Express Lanes				\$ 52,514,325	



91 Express Lanes

91 Express Lanes Capital Expense

Description:	91 Express Lanes Back Office System			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0036-9028-B0001-1GO	Quantity:	1
Line Item ID:	FY21-02301	Type:	Cash	Unit Cost:	\$200,000.00
Manager:	Ellen Lee			Total:	\$200,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. This line item will support any change orders stemming from the design/development of the 91 Express Lanes' Back Office system.

Please explain how you arrived at the budgeted dollars requested. Based on consultant's estimates.

What phase of the project does this line item support? Design, development, and implementation.

What phase of the project is this line item in, as of January 2, 2019? Pre-planning

Is this line item rebudgeted from a prior fiscal year? No

Description:	Electronic Toll and Traffic Management System			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0036-9028-B0001-GXM	Quantity:	1
Line Item ID:	FY21-02178	Type:	Cash	Unit Cost:	\$350,000.00
Manager:	Ellen Lee			Total:	\$350,000
Grant Funded? <input type="checkbox"/>					

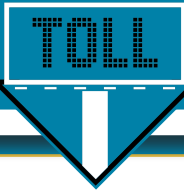
Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. This line item is for any change orders stemming from the implementation of the full Electronic Toll and Traffic Management System for the 91 Express Lanes.

Please explain how you arrived at the budgeted dollars requested. This is based upon consultant's estimates.

What phase of the project does this line item support? Operations

What phase of the project is this line item in, as of January 2, 2019? Ongoing

Is this line item rebudgeted from a prior fiscal year? No



Express Lanes

91 Express Lanes

91 Express Lanes Capital Expense

Description:	Computer Infrastructure Components			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0036-9028-B0001-H3F	Quantity:	1
Line Item ID:	FY21-02177	Type:	Cash	Unit Cost:	\$90,000.00
Manager:	Ellen Lee			Total:	\$90,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. Multiple procurements will take place under this line item. Purchase will include outdated servers, routers, and switches.

Please explain how you arrived at the budgeted dollars requested. The estimate is based upon historical amounts.

What phase of the project does this line item support? Operations

What phase of the project is this line item in, as of January 2, 2019? Ongoing

Is this line item rebudgeted from a prior fiscal year? No

Description:	Title 21 Switchable Transponders			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0036-9030-B0001-AD4	Quantity:	1
Line Item ID:	FY21-02180	Type:	Cash	Unit Cost:	\$155,000.00
Manager:	Ellen Lee			Total:	\$155,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. The procurement of switchable Title 21 transponders for the 91 Express Lanes.

Please explain how you arrived at the budgeted dollars requested. The requested amount is based upon estimates.

What phase of the project does this line item support? Operations

What phase of the project is this line item in, as of January 2, 2019? Ongoing

Is this line item rebudgeted from a prior fiscal year? No



I-405 Express Lanes

405 Express Lanes

Description:	I-405 Express Lanes - Right-of-Way Capital			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0037-9015-A9510-ODW	Quantity:	1
Line Item ID:	FY21-01995	Type:	Cash	Unit Cost:	\$14,485,500.00
Manager:	Dennis Mak			Total:	\$14,485,500
Grant Funded? <input type="checkbox"/>					

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

The scope of work includes the acquisition of properties and property rights from private and public owners for the I-405, SR-73 to I-605 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 express lanes of the project.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollars 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, 2019?

Construction phase.

Is this line item rebudgeted from a prior fiscal year?

Yes.

Description:	I-405 Express Lanes - Right-of-Way Utilities			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0037-9016-A9510-ODW	Quantity:	1
Line Item ID:	FY21-01798	Type:	Cash	Unit Cost:	\$1,277,174.00
Manager:	Dennis Mak			Total:	\$1,277,174
Grant Funded? <input type="checkbox"/>					

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

This represents the relocation of multiple utilities for the project prior to and during the design and construction phases of work. The budget request is for costs associated with these services for the express lanes of the project.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollars requested is based on the projected expenditures for the fiscal year. Allocation by utility.

What phase of the project does this line item support?

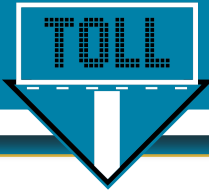
This line item will support the utility relocation phase of work.

What phase of the project is this line item in, as of January 2, 2019?

Construction phase.

Is this line item rebudgeted from a prior fiscal year?

Yes.



Express Lanes

I-405 Express Lanes

405 Express Lanes

Description:	I-405 Express Lanes - Project Allotment			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0037-9017-A9510-0GM	Quantity:	1
Line Item ID:	FY21-01910	Type:	Encumbrance	Unit Cost:	\$11,000,000.00
Manager:	Dennis Mak			Total:	\$11,000,000
Grant Funded? <input type="checkbox"/>					

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

This is to support existing agreement C-5-3843 with OC 405 Partners for the I-405, SR-73 to I-605 project. 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 anticipated annual project expenditures for the design and construction of the overall project.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollars requested is based on anticipated expenditures for the fiscal year at the rate of 22% of the M2 funding to cover costs necessary to implement the express lanes of the overall project.

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, 2019?

Construction phase.

Is this line item rebudgeted from a prior fiscal year?

Yes.

Description:	I-405 Express Lanes - Local Cooperative Agreements			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0037-9017-A9510-0I2	Quantity:	1
Line Item ID:	FY21-01911	Type:	Cash	Unit Cost:	\$1,131,651.00
Manager:	Dennis Mak			Total:	\$1,131,651
Grant Funded? <input type="checkbox"/>					

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

Various cooperative agreements with cities, Orange County Flood Control District, California Highway Patrol, Union Pacific Railroad Company to provide plan reviews, traffic management plan, traffic engineering, police services, project support services, maintenance services, construction inspection, and flagging for the Interstate 405 Improvement Project related to the express lanes. The budget request is for costs associated with these services.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollars requested is based on the projected expenditures for the fiscal year at rate of 25% of the M2 funding to cover costs necessary to implement the express lanes of the overall project.

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, 2019?

Construction phase.

Is this line item rebudgeted from a prior fiscal year?

Yes



Express Lanes

I-405 Express Lanes

405 Express Lanes

Description:	I-405 Express Lanes - Construction Management Services			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0037-9018-A9510-0DY	Quantity:	1
Line Item ID:	FY21-01915	Type:	Cash	Unit Cost:	\$1,800,000.00
Manager:	Dennis Mak			Total:	\$1,800,000
Grant Funded? <input type="checkbox"/>					

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

This is an Existing Agreement with Jacobs Project Management Co. for the I-405, SR-73 to I-605 project. Construction Management Consultant (CMC) 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 are 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, management of independent quality assurance testing, preparation of daily construction activity reports, performance of control point 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, and 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 dollars requested is based on the projected expenditures at a rate of 25% of the non-M2 funding to cover costs necessary to implement the express lanes of the overall project.

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, 2019?

Construction phase.

Is this line item rebudgeted from a prior fiscal year?

Yes

Description:	I-405 Express Lanes - Caltrans Cooperative Agreement			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0037-9018-A9510-0KM	Quantity:	1
Line Item ID:	FY21-01994	Type:	Cash	Unit Cost:	\$1,550,000.00
Manager:	Dennis Mak			Total:	\$1,550,000
Grant Funded? <input type="checkbox"/>					

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

This supports the Existing Cooperative Agreement C-4-1847 with Caltrans. The work includes construction inspections services and enhanced oversight for the project, including right-of-way support services and right-of-way certification. The budget request is for costs associated with these services related to the express lanes of the project.

Please explain how you arrived at the budgeted dollars requested.

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

What phase of the project does this line item support?

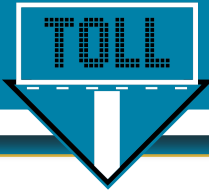
This line item will support the design and construction phases of work.

What phase of the project is this line item in, as of January 2, 2019?

Construction phase.

Is this line item rebudgeted from a prior fiscal year?

Yes



Express Lanes

I-405 Express Lanes

405 Express Lanes

Description:	I-405 Express Lanes - Project Management Support Services			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0037-9018-A9510-TZF	Quantity:	1
Line Item ID:	FY21-01914	Type:	Cash	Unit Cost:	\$4,500,000.00
Manager:	Dennis Mak			Total:	\$4,500,000
Grant Funded? <input type="checkbox"/>					

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

This is for existing agreement C-2-1513 with Parsons Transportation Group, Inc., for the I-405 Improvement Project. The Program Management Consultant (PMC) shall assist OCTA in providing staff assistance and technical expertise to help manage the project. The consultant shall assist OCTA's Highway Programs in planning, managing, and controlling the overall project from environmental phase to construction completion. The budget request is for costs associated with these services for the express lanes of the overall I-405 Improvement project.

Please explain how you arrived at the budgeted dollars requested.

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

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, 2019?

Construction phase.

Is this line item rebudgeted from a prior fiscal year?

Yes

Description:	I-405 Express Lanes - Toll Operations Center Improvement			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0037-9023-A9510-X14	Quantity:	1
Line Item ID:	FY21-02560	Type:	Encumbrance	Unit Cost:	\$975,000.00
Manager:	Ellen Lee			Total:	\$975,000
Grant Funded? <input type="checkbox"/>					

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

The 405 Express Lanes Traffic Operations Center (TOC) will be located in a currently unused space at the Santa Ana bus base. An existing storage room will be converted into a traffic operations viewing room and an existing utility room will be converted into a new server/security room. The construction work includes items such as demolition work, drywall, paint, doors, HVAC, lighting/electrical, flooring, and ceiling work. The project is part of the 405 Express Lanes project currently underway.

Please explain how you arrived at the budgeted dollars requested.

Based upon 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, 2019?

N/A

Is this line item rebudgeted from a prior fiscal year?

Yes



I-405 Express Lanes

405 Express Lanes

Description:	I-405 Express Lanes - Back Office System			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0037-9028-A9510-1GO	Quantity:	1
Line Item ID:	FY21-02187	Type:	Encumbrance	Unit Cost:	\$14,250,000.00
Manager:	Ellen Lee			Total:	\$14,250,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. The scope includes the development and implementation of a new back-office/account management system for the 405 Express Lanes. Functionalities include operational processing of data for toll and trip calculations, automated replenishment of customer accounts, violation processing, and financial processes and reporting.

Please explain how you arrived at the budgeted dollars requested. This is based upon consultant's estimate.

What phase of the project does this line item support? Design, development, and implementation.

What phase of the project is this line item in, as of January 2, 2019? Planning.

Is this line item rebudgeted from a prior fiscal year? Yes

Description:	I-405 Express Lanes - Toll Lane System Integrator			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0037-9028-A9510-GXM	Quantity:	1
Line Item ID:	FY21-02000	Type:	Encumbrance	Unit Cost:	\$750,000.00
Manager:	Steven King			Total:	\$750,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. The scope of work includes the completion of the electronic toll and traffic management system design, installation, operation, and maintenance for the project. In addition, tenant improvements are needed at the existing OCTA Bus Base in Santa Ana, California, to establish a traffic operations center for the project. The budget request is for costs associated with approved funding during the completion of the electronic toll and traffic management systems related to the express lanes of the project.

Please explain how you arrived at the budgeted dollars requested. The budgeted dollars 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 design, installation, operation, and maintenance phases of work.

What phase of the project is this line item in, as of January 2, 2019? The installation phase.

Is this line item rebudgeted from a prior fiscal year? Yes

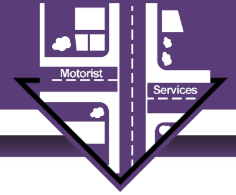


Motorist Services

Motorist Services

Line Item Controlled Capital

Org- Key	Department / Fund Name	Obj	Line Item Description	Budget	Page No.
SAFE					
Freeway Service Patrol (FSP)					
0013	Svc Auth For Fwy Emerge	9027	Call Box Radio Upgrade	393,125	51
0013	Svc Auth For Fwy Emerge	9028	Freeway Service Patrol Application Development	50,000	51
Subtotal Capital - Motorist Services				\$ 443,125	



SAFE

Freeway Service Patrol (FSP)

Description:	Call Box Radio Upgrade			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0013-9027-S1001-ASM	Quantity:	425
Line Item ID:	FY21-01695	Type:	Cash	Unit Cost:	\$925.00
Manager:	Patrick Sampson			Total:	\$393,125
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. This request is for a Call Box radio upgrade to 4th Generation (4G) or better cellular radios, required as the result of an AT&T platform migration to more advanced cellular networks. This will include a new callbox cellular radio and the reprogramming of the existing call box circuit board. AT&T delayed the turn down of their 3G network for a year, so the item has been rebudgeted.

Please explain how you arrived at the budgeted dollars requested. Vendor research of available equipment.

What phase of the project does this line item support? Ongoing maintenance and support.

What phase of the project is this line item in, as of January 2, 2019? Ongoing maintenance and support.

Is this line item rebudgeted from a prior fiscal year? Yes

Description:	Freeway Service Patrol Application Development			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0013-9028-S1002-TC2	Quantity:	1
Line Item ID:	FY21-01699	Type:	Cash	Unit Cost:	\$50,000.00
Manager:	Patrick Sampson			Total:	\$50,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. This item supports ongoing, as-needed development of the Freeway Service Patrol LATATrax application. Potential projects include additional tablet functionality improvements, additional reports, and other technological improvement projects. Projects would be approved by the Project Manager as-needed and developed based on a fixed-cost estimate for each project. This line item supports Xenatech Agreement C-7-1557.

Please explain how you arrived at the budgeted dollars requested. The budgeted amount is based on Xenatech Intelligent Transportation Solutions 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.

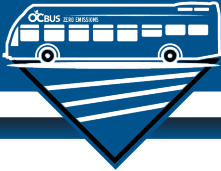
What phase of the project is this line item in, as of January 2, 2019? The system was originally deployed in January 2012. Staff is now working on ongoing development and improvements to application functionality.

Is this line item rebudgeted from a prior fiscal year? No, this will be budgeted for additional ongoing development projects each year.



Bus Program

Bus					
Line Item Controlled Capital					
Org- Key	Department / Fund Name	Obj	Line Item Description	Budget	Page No.
Bus Base and Transit Center Projects					
1722	Facilities Engineering	9022	Fuel Building Repairs at Irvine Construction Circle Base	350,000	53
1722	Facilities Engineering	9022	Primary Electrical Service 12 kilovolt Switchgear at Santa Ana	425,000	53
1722	Facilities Engineering	9022	HVAC Unit Replacement at Anaheim Bus Base Operations Buil	500,000	54
1722	Facilities Engineering	9022	Bus Wash Drainage System Repairs at Anaheim Bus Base	150,000	54
1722	Facilities Engineering	9022	Light Pole and Luminaire Replacement at Goldenwest Transp	400,000	55
1722	Facilities Engineering	9022	Facility Modifications Maintenance Building Locker Room	400,000	55
1722	Facilities Engineering	9022	Fire Alarm Control Panel Replacement at Santa Ana Bus Base	300,000	56
1722	Facilities Engineering	9022	Mobility Improvements at Fullerton Park-and-Ride	800,000	56
1722	Facilities Engineering	9022	Restroom Improvements at Fullerton Park-and-Ride	300,000	57
2114	Transit Technical Services	9022	Depot Chargers for Electric Buses	1,406,072	57
2147	Paratransit Support	9028	Trapeze PASS Mobile Application	129,787	58
2147	Paratransit Support	9028	Trapeze Map Upgrade	40,000	58
2159	Maintenance Resource M	9026	Electric Vehicles Charging Equipment	525,122	59
2159	Maintenance Resource M	9026	Electric Vehicles Fast Charge Stations	44,438	59
2159	Maintenance Resource M	9028	Remote Island Heads Unit Refurbishing	333,900	60
2194	Maint-Specialty Shops Ad	9026	Transmission Dyno Control Panel System	70,000	60
Bus Operations Support Vehicles					
2159	Maintenance Resource M	9025	3/4 Ton Pickup Truck for Facilities Maintenance	57,000	61
2159	Maintenance Resource M	9025	Police Special Service Vehicles	150,000	61
2159	Maintenance Resource M	9025	Cargo Van	45,000	62
2159	Maintenance Resource M	9025	Coach Operator Relief Vehicles	2,100,010	62
2159	Maintenance Resource M	9025	Roadcall Truck Ford F-450	74,000	63
2159	Maintenance Resource M	9025	3/4 Ton Pickup with Utility Bed	55,000	63
2159	Maintenance Resource M	9025	1/2 Ton F-150 Full Size Pickup	35,000	64
Bus Procurement					
2114	Transit Technical Services	9024	Bus Procurement - 40 Foot CNG	110,550,000	64
2114	Transit Technical Services	9024	Bus Purchase - Heavy Duty Battery Electric	10,721,130	65
Transit Security & Operations Center					
0051	Transit Development Cap	9017	Transit Security and Operations Center - Design Services	500,000	65
Transit Technology and Communications Capital					
1288	IS Transit Radio Support &	9028	Paratransit Radio System - 12 Vehicle Pilot	250,000	66
1288	IS Transit Radio Support &	9028	Software for Automatic Vehicle Announcements	25,000	66
Subtotal Capital - Bus				\$ 130,736,459	



Bus Base and Transit Center Projects

Description:	Fuel Building Repairs at Irvine Construction Circle Base			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	1722-9022-D1401-0WA	Quantity:	1
Line Item ID:	FY21-01759	Type:	Encumbrance	Unit Cost:	\$350,000.00
Manager:	George Olivo			Total:	\$350,000
Grant Funded? <input checked="" type="checkbox"/>					

Funding: 0030-6041-D1401-MJK FY20-2021 FTA Facilities Mods 350,000
Total Funded: 350,000

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. The project is necessary to maintain the fuel building in a state of good repair, currently the building is in a deteriorated condition. This project will replace corroded metal roofing, siding, repair support framing, apply high performance coating, and perform related work at the bus fuel building at the Irvine Construction Circle Base. During the time that the work is performed, the fuel building must be open each night for use. The project includes required phasing of work and traffic control as shown on the plans and in the specifications.

Please explain how you arrived at the budgeted dollars requested. The budget was derived using an analogous estimate from a former similar project scope of work at Irvine Construction Circle bus base bus wash building.

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, 2019? The design phase.

Is this line item rebudgeted from a prior fiscal year? No

Description:	Primary Electrical Service 12 kilovolt Switchgear at Santa Ana Bus Base			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	1722-9022-D2157-0MO	Quantity:	1
Line Item ID:	FY21-01739	Type:	Encumbrance	Unit Cost:	\$425,000.00
Manager:	George Olivo			Total:	\$425,000
Grant Funded? <input checked="" type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. The project is necessary to provide protection from an electrical short circuit current back-feeding into Southern California Edison's (SCE) primary power feed to the Santa Ana bus base through the customer-owned switch that feeds the Compressed Natural Gas (CNG) fueling station. During site investigation for electrical power feed to the new hydrogen station, it was discovered by SCE forces that OCTA's customer-owned switch is not fused and therefore does not meet SCE's requirements. Due to the un-fused customer switch, OCTA would be liable for damages to SCE's grid as a result of a short circuit current back-feeding into SCE's power system. This project will install a new 12,000 volt (12kv) vacuum circuit breaker housed in new equipment cabinets at the existing primary electrical equipment location area on the base, including new underground conduits between the new 12kv switchgear and SCE's primary meter vault, new equipment concrete foundation, all coordination, power shutdown, traffic control, and all related work.

Please explain how you arrived at the budgeted dollars requested. The budget was derived using a price estimate for this work at the Santa Ana bus base.

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, 2019? The construction phase.

Is this line item rebudgeted from a prior fiscal year? Yes, but under the existing contract.



Bus Program

Bus Base and Transit Center Projects

Description:	HVAC Unit Replacement at Anaheim Bus Base Operations Building			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	1722-9022-D3103-058	Quantity:	1
Line Item ID:	FY21-01748	Type:	Encumbrance	Unit Cost:	\$500,000.00
Manager:	George Olivo			Total:	\$500,000
Grant Funded?	<input checked="" type="checkbox"/>				

Funding: 0030-6041-D3103-MJK FY 2021 FTA Sec 5337-Facilities Mods 500,000
Total Funded: 500,000

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. The project is necessary to maintain the Anaheim bus base operations building in a state of good repair. Currently, the building's main Heating, ventilation, and air conditioning (HVAC) unit is beyond its useful life, and needs to be replaced. The project will replace the old corroded rooftop multi-zone packaged HVAC unit at the Anaheim Bus Base Operations Building with a new energy efficient 20-ton large unit.

Please explain how you arrived at the budgeted dollars requested. The budget was derived using an analogous estimate from a former similar project scope of work, which is the HVAC unit replacement project at Garden Grove bus base operations building.

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, 2019? The design phase.

Is this line item rebudgeted from a prior fiscal year? No

Description:	Bus Wash Drainage System Repairs at Anaheim Bus Base			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	1722-9022-D3103-0W6	Quantity:	1
Line Item ID:	FY21-01749	Type:	Encumbrance	Unit Cost:	\$150,000.00
Manager:	George Olivo			Total:	\$150,000
Grant Funded?	<input type="checkbox"/>				

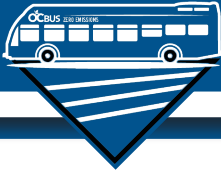
Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. The project is necessary to replace deteriorated drainage piping for proper run-off drainage to the industrial waste-water clarifier. The project will replace the corroded drainage system piping at the chassis wash bay in the bus wash building at the Anaheim Bus Base. The existing drainage system is beyond its useful life and requires replacement.

Please explain how you arrived at the budgeted dollars requested. The budget was derived using an analogous estimate from a former similar project scope of work, which is the bus wash water run-off project at Anaheim bus base.

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, 2019? The design phase.

Is this line item rebudgeted from a prior fiscal year? No



Bus Base and Transit Center Projects

Description:	Light Pole and Luminaire Replacement at Goldenwest Transportation Center			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	1722-9022-D3118-0M6	Quantity:	1
Line Item ID:	FY21-01735	Type:	Encumbrance	Unit Cost:	\$400,000.00
Manager:	George Olivo			Total:	\$400,000
Grant Funded?	<input checked="" type="checkbox"/>				

Funding: 0030-6041-D3118-MJK FY 2020-21 FTA Facilities Mods 400,000
Total Funded: 400,000

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. The project is necessary to maintain the Goldenwest Transportation Center in a state of good repair. Currently, the existing light poles are beyond their useful life, deteriorated, and exhibit significant rusting and corrosion, which has compromised the integrity of the materials presenting a safety risk. The project will replace the original parking lot and bus dock platform safety lighting poles and luminaires with new energy efficient light emitting diode (LED) luminaires and perform related work including required phasing of work and traffic control as shown on the plans and in the specifications.

Please explain how you arrived at the budgeted dollars requested. The budget was derived using an analogous estimate from a former similar project scope of work, which is the additional parking lot project at Golden West Transportation Center.

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, 2019? The design phase.

Is this line item rebudgeted from a prior fiscal year? Yes, but under the existing contract.

Description:	Facility Modifications Maintenance Building Locker Room			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	1722-9022-D3126-0OG	Quantity:	1
Line Item ID:	FY21-01737	Type:	Encumbrance	Unit Cost:	\$400,000.00
Manager:	George Olivo			Total:	\$400,000
Grant Funded?	<input type="checkbox"/>				

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. This project is for a facility modification in the maintenance building at the Santa Ana base. Space programming for the men's locker room is undersized for normal maintenance employees resulting in inadequate space and locker size/quantity. The work includes a facility modification to expand the size of the locker room footprint using adjacent underutilized space. This will require phasing of work and traffic control as 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 the 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, 2019? The scope of work for design phase.

Is this line item rebudgeted from a prior fiscal year? Yes, but under the exiting contract.



Bus Program

Bus Base and Transit Center Projects

Description:	Fire Alarm Control Panel Replacement at Santa Ana Bus Base			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	1722-9022-D3126-0W7	Quantity:	1
Line Item ID:	FY21-01750	Type:	Encumbrance	Unit Cost:	\$300,000.00
Manager:	George Olivo			Total:	\$300,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. The project is necessary to maintain the Santa Ana bus base in a state of good repair. Currently, the base fire alarm control panels are obsolete, and are no longer supported by the manufacturer who is going out of business which requires a risk response by OCTA. The project will replace the fire alarm control panels at the Santa Ana bus base with modern units.

Please explain how you arrived at the budgeted dollars requested. The budget was derived using an analogous estimate from a former similar project scope of work, which is the fire alarm control panel replacement project at Anaheim bus base operations building.

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, 2019? The design phase.

Is this line item rebudgeted from a prior fiscal year? No

Description:	Mobility Improvements at Fullerton Park-and-Ride			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	1722-9022-D3139-0W1	Quantity:	1
Line Item ID:	FY21-01744	Type:	Encumbrance	Unit Cost:	\$800,000.00
Manager:	George Olivo			Total:	\$800,000
Grant Funded? <input checked="" type="checkbox"/>					

Funding: 0030-6041-D3139-MJK FY 2021 FTA Sec 5337-Facilities Mods 800,000

Total Funded: 800,000

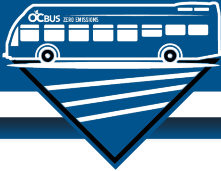
Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. The project is necessary to maintain the Fullerton Park-and-Ride in a state of good repair, and to correct existing American Disabilities Act (ADA) deficiencies to current standards at this facility. The project will provide ADA improvements for both pedestrians and vehicles including the parking lot, bus dock platform, parking stalls, curb ramps, pavement replacement, striping and markings, traffic control, and other related work as a risk management measure.

Please explain how you arrived at the budgeted dollars requested. The budget was derived using an analogous estimate from a former similar project scope of work, which are the pavement replacement and ADA improvement projects at Fullerton Park-and-Ride and Brea Park-and-Ride.

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, 2019? The design phase.

Is this line item rebudgeted from a prior fiscal year? No



Bus Base and Transit Center Projects

Description:	Restroom Improvements at Fullerton Park-and-Ride			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	1722-9022-D3139-0W2	Quantity:	1
Line Item ID:	FY21-01745	Type:	Encumbrance	Unit Cost:	\$300,000.00
Manager:	George Olivo			Total:	\$300,000
Grant Funded? <input checked="" type="checkbox"/>					

Funding: 0030-6041-D3139-MJK FY 2021 FTA Sec 5337-Facilities Mods 300,000
Total Funded: 300,000

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. The project is necessary to maintain the Fullerton Park-and-Ride in a state of good repair. The improvements in the building restrooms are deteriorated, and are beyond their useful life, and hence, require replacement. The project will reconstruct the restroom interiors including new doors for the public restrooms and coach operator restroom at the two buildings located on the bus dock platform. The project will also include phasing of work, pedestrian traffic control, and other related work. The project will improve the brand image of OCTA and user experience at Fullerton Park-and-Ride.

Please explain how you arrived at the budgeted dollars requested. The budget was derived using an analogous estimate from a former similar project scope of work, which is the restroom wall repair project at Irvine Construction Circle bus base.

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, 2019? The design phase.

Is this line item rebudgeted from a prior fiscal year? No

Description:	Depot Chargers for Electric Buses			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	2114-9022-D2108-0UV	Quantity:	1
Line Item ID:	FY21-01711	Type:	Encumbrance	Unit Cost:	\$1,406,072.00
Manager:	Bill Habibe			Total:	\$1,406,072
Grant Funded? <input checked="" type="checkbox"/>					

Funding: 0030-6081-D2108-XKL 2019 LCTOP 1,255,157
Funding: 0030-6081-D2108-XLL FY 2020 LCTOP 150,915
Total Funded: 1,406,072

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. Ten battery electric buses be procured as part of the Solutions for Congested Corridors Program (SCCP) grant awarded to OCTA to operate in BRAVO! service on Main street. These ten battery electric buses will be procured through one of the following sources; OCTA's own Technical Request for Proposal (RFP) which has well defined attributes, operating parameters and requirements for buses intended for service by the Authority or, through the State of California, Department of General Services solicitation for battery electric buses, RFP #2310-4399 released on Feb-28-2019, which has a planned award timeline during the FY 2020-21. This line item will be support the depot chargers for the infrastructure for 10 electric buses.

Please explain how you arrived at the budgeted dollars requested. The estimated budget funding is based on the most recent pricing submitted by a electric bus builder.

What phase of the project does this line item support? The procurement of 10 electric buses.

What phase of the project is this line item in, as of January 2, 2019? Planning

Is this line item rebudgeted from a prior fiscal year? Yes



Bus Program

Bus Base and Transit Center Projects

Description:	Trapeze PASS Mobile Application			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	2147-9028-D4302-10L	Quantity:	1
Line Item ID:	FY21-01933	Type:	Cash	Unit Cost:	\$129,787.00
Manager:	Jack Garate			Total:	\$129,787
Grant Funded? <input type="checkbox"/>					

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

Trapeze PASS (Paratransit Scheduling System) Mobile App will enhance the scheduling and dispatching system utilized for OC ACCESS by:

1. Allowing trip booking for passengers, coordinators and service providers via tablets and smartphones
2. Providing passengers, coordinators and service providers flexible trip arrangements so confirming, editing and cancelling bookings can be done with a smart-device
3. Increasing customer satisfaction by simplifying reoccurring trips and viewing trip details (giving quick access to booking information)

Please explain how you arrived at the budgeted dollars requested.

Budget based on estimates provided by Trapeze Group:

Software License: \$60,000
Implementation Services: \$69,787

What phase of the project does this line item support?

First year implementation

What phase of the project is this line item in, as of January 2, 2019?

N/A

Is this line item rebudgeted from a prior fiscal year?

No

Description:	Trapeze Map Upgrade			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	2147-9028-D4302-10N	Quantity:	1
Line Item ID:	FY21-01937	Type:	Cash	Unit Cost:	\$40,000.00
Manager:	Jack Garate			Total:	\$40,000
Grant Funded? <input type="checkbox"/>					

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

Upgrading the Trapeze map will allow for more accurate scheduling and dispatching of paratransit services and vehicles with the potential to reduce staffing and vehicle requirements, and provide customers with streamlined trips which can also reduce revenue hours required for operations.

Please explain how you arrived at the budgeted dollars requested.

Budget based on estimates provided by Trapeze Group:

Software License: \$25,000
Implementation Services: \$15,000

What phase of the project does this line item support?

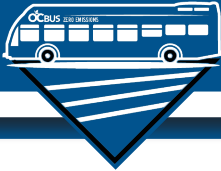
First year implementation

What phase of the project is this line item in, as of January 2, 2019?

N/A

Is this line item rebudgeted from a prior fiscal year?

No



Bus Base and Transit Center Projects

Description:	Electric Vehicles Charging Equipment			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	2159-9026-D2113-0DC	Quantity:	38
Line Item ID:	FY21-01721	Type:	Encumbrance	Unit Cost:	\$13,819.00
Manager:	Marie Latino			Total:	\$525,122
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. These funds will be used toward dual plug-In electric vehicles charging stations. The equipment will accommodate electric plug-in vehicles and will be installed at the Santa Ana and Garden Grove Bases to support the electric operator relief vehicles.

Please explain how you arrived at the budgeted dollars requested. The amount is based on estimates provided by the consultant from the Facilities Engineering Department.

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, 2019? Procurement

Is this line item rebudgeted from a prior fiscal year? Yes

Description:	Electric Vehicles Fast Charge Stations			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	2159-9026-D2113-0ZF	Quantity:	2
Line Item ID:	FY21-01881	Type:	Encumbrance	Unit Cost:	\$22,219.00
Manager:	Marie Latino			Total:	\$44,438
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. These funds will be used to procure 2 Electric, 50 kilowatt Output, fastcharge stations to support the Coach Operator Relief Vehicle (ORV) fleet. The equipment will accommodate electric plug-in vehicles, and will be installed at the Santa Ana and Garden Grove Bases.

Please explain how you arrived at the budgeted dollars requested. The amount is based on estimates provided by the consultant from the Facilities Engineering Department.

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, 2019? Procurement

Is this line item rebudgeted from a prior fiscal year? No



Bus Program

Bus Base and Transit Center Projects

Description:	Remote Island Heads Unit Refurbishing			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	2159-9028-D2113-0VS	Quantity:	53
Line Item ID:	FY21-01760	Type:	Encumbrance	Unit Cost:	\$6,300.00
Manager:	Dayle Withers			Total:	\$333,900
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. The Remote Island Heads (RIH) used at the Fleet Watch Program, have reached the end of their useful life, and have become obsolete. 53 RIH units owned by OCTA need to be retrofitted to the current generation of RIH units, in order to get accurate readings.

Please explain how you arrived at the budgeted dollars requested. Quote provided by Fleetwatch proposes to refurbish the 53 units at a cost of \$6,000 per unit X 53 units = \$318,000. This amount does not include shipping charges. Shipping is estimated at 5% of the cost or \$15,900.

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, 2019? Procurement

Is this line item rebudgeted from a prior fiscal year? No

Description:	Transmission Dyno Control Panel System			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	2194-9026-D2113-0ZE	Quantity:	1
Line Item ID:	FY21-01880	Type:	Encumbrance	Unit Cost:	\$70,000.00
Manager:	Troy Wilkins			Total:	\$70,000
Grant Funded? <input type="checkbox"/>					

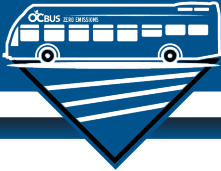
Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. The funds are requested to upgrade the Transmission Dyno Control Panel System. The current Transmission Dyno Control Panel System is 15 years old and obsolete. A new generation of transmissions is installed in approximately half the OCTA bus fleet. The current Transmission Dyno Control Panel is incapable of effectively testing the new generation of transmissions. The upgrade is needed to ensure OCTA can effectively test current and future generations of bus transmissions

Please explain how you arrived at the budgeted dollars requested. Quote received from Aidco Test Systems.

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, 2019? Procurement

Is this line item rebudgeted from a prior fiscal year? No



Bus Operations Support Vehicles

Description:	3/4 Ton Pickup Truck for Facilities Maintenance			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	2159-9025-D2113-0PO	Quantity:	1
Line Item ID:	FY21-01819	Type:	Encumbrance	Unit Cost:	\$57,000.00
Manager:	Marie Latino			Total:	\$57,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. According to the non-revenue vehicle policy, special purpose vehicles have a useful life of 10 years or 100,000 miles. Vehicle number 9851 is currently 19 years old with 90,485 miles. Projected miles will exceed 100,000 at the time of replacement. The line item supports the replacement of vehicle #9851 which has reached the end of its useful life per the non-revenue vehicle policy.

Please explain how you arrived at the budgeted dollars requested. The budgeted dollar amount is based on web research on a full size 3/4 ton pick up truck.

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, 2019? N/A

Is this line item rebudgeted from a prior fiscal year? No

Description:	Police Special Service Vehicles			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	2159-9025-D2113-0PQ	Quantity:	3
Line Item ID:	FY21-02676	Type:	Encumbrance	Unit Cost:	\$50,000.00
Manager:	Marie Latino			Total:	\$150,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. The request is for new non-revenue vehicle purchases. According to the non-revenue vehicle policy, special purpose vehicles have a useful life of 10 years or 100,000 miles. Due to the additional sheriff being planned to add to the OCTA work force, these vehicles will need to be procured for them to do their job assignment.

Please explain how you arrived at the budgeted dollars requested. Budget is based on historical actuals from previous purchases and dealer's quote.

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, 2019? N/A

Is this line item rebudgeted from a prior fiscal year? No



Bus Program

Bus Operations Support Vehicles

Description:	Cargo Van			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	2159-9025-D2113-0PT	Quantity:	1
Line Item ID:	FY21-02084	Type:	Encumbrance	Unit Cost:	\$45,000.00
Manager:	Marie Latino			Total:	\$45,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. According to the non-revenue vehicle policy, special purpose vehicles have a useful life of 10 years or 100,000 miles. Vehicle number 9926 is currently 7 years old with 87,633 miles. Projected miles will exceed 100,000 at the time of replacement. The line item supports the replacement of vehicle # 9926 which has reached the end of its useful life per the non-revenue vehicle policy.

Please explain how you arrived at the budgeted dollars requested. The budgeted dollar amount is based on web research on a full size E-350 van.

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, 2019? N/A

Is this line item rebudgeted from a prior fiscal year? No

Description:	Coach Operator Relief Vehicles			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	2159-9025-D2113-0PU	Quantity:	55
Line Item ID:	FY21-01720	Type:	Encumbrance	Unit Cost:	\$38,182.00
Manager:	Marie Latino			Total:	\$2,100,010
Grant Funded? <input type="checkbox"/>					

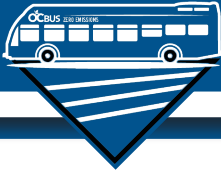
Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. A total of 55 Coach Operator Relief Vehicles (ORV) will have reached the end of their useful life of 100,000 miles or 7 years at the time of replacement. The replacement will be with electric powered vehicles.

Please explain how you arrived at the budgeted dollars requested. The budgeted dollar amount is based on internet pricing.

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, 2019? Procurement

Is this line item rebudgeted from a prior fiscal year? Yes



Bus Operations Support Vehicles

Description:	Roadcall Truck Ford F-450			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	2159-9025-D2113-0YK	Quantity:	1
Line Item ID:	FY21-01824	Type:	Encumbrance	Unit Cost:	\$74,000.00
Manager:	Marie Latino			Total:	\$74,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. According to the non-revenue vehicle policy, special purpose vehicles have a useful life of 10 years or 100,000 miles. Vehicle number 9860 is currently 19 years old with 87,119 miles. Projected miles will reach 100,000 miles before replacement. The line item supports the replacement of vehicle # 9860 which will reached the end of its useful life per the non-revenue vehicle policy.

Please explain how you arrived at the budgeted dollars requested. The budgeted dollar amount is based on web research on a Ford F-450 heavy duty truck.

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, 2019? N/A

Is this line item rebudgeted from a prior fiscal year? No

Description:	3/4 Ton Pickup with Utility Bed			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	2159-9025-D2113-1HO	Quantity:	1
Line Item ID:	FY21-02085	Type:	Encumbrance	Unit Cost:	\$55,000.00
Manager:	Marie Latino			Total:	\$55,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. According to the non-revenue vehicle policy, special purpose vehicles have a useful life of 10 years or 100,000 miles. Vehicle 9864 is currently 17 years old with 89,253 miles. Projected miles will exceed 100,000 at the time of replacement. The line item supports the replacement of vehicle # 9864 which has reached the end of its useful life per the non-revenue vehicle policy.

Please explain how you arrived at the budgeted dollars requested. The budgeted dollar amount is based on web research on a full size 3/4 ton utility truck.

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, 2019? N/A

Is this line item rebudgeted from a prior fiscal year? No



Bus Program

Bus Operations Support Vehicles

Description:	1/2 Ton F-150 Full Size Pickup			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	2159-9025-D2113-116	Quantity:	1
Line Item ID:	FY21-02104	Type:	Encumbrance	Unit Cost:	\$35,000.00
Manager:	Marie Latino			Total:	\$35,000
Grant Funded? <input type="checkbox"/>					

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

According to the non-revenue vehicle policy, special purpose vehicles have a useful life of 10 years or 100,000 miles. Vehicle number 9854 is currently 20 years old with 89,253 miles. Projected miles will exceed 100,000 at the time of replacement. The line item supports the replacement of vehicle # 9854 which has reached the end of its useful life per the non-revenue vehicle policy.

Please explain how you arrived at the budgeted dollars requested.

The budgeted dollar amount is based on web research on a full size 1/2 ton utility truck.

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, 2019?

N/A

Is this line item rebudgeted from a prior fiscal year?

No

Bus Procurement

Description:	Bus Procurement - 40 Foot CNG			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	2114-9024-D2116-00Q	Quantity:	165
Line Item ID:	FY21-01712	Type:	Encumbrance	Unit Cost:	\$670,000.00
Manager:	Bill Habibe			Total:	\$110,550,000
Grant Funded? <input checked="" type="checkbox"/>					

Funding: 0030-6042-D2116-LLA FY 2020 5307 110,550,000

Total Funded: 110,550,000

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

This item is for the sub fleet replacement of up to 165, 2007-08 vintage year, Compressed Natural Gas (CNG) powered New Flyer buses that have exceeded the Federal Transit Administration (FTA) useful life of 12 years or 500,000 miles of operation. The prospective contract award plans to have 2 buses delivered per week beginning in September 2021. All deliveries are expected to be completed by September 2023. Currently, there are more than 100 buses that have exceeded the 500,000 miles, and some of them are on their way to reach 700,000 miles of operation shortly.

Please explain how you arrived at the budgeted dollars requested.

The budget request is based on the last OCTA procurement of CNG powered buses, awarded via OCTA Agreement C-4-1280, on December 2014. The last bus price was \$589,500.

What phase of the project does this line item support?

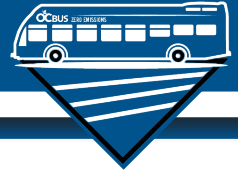
Bus purchase

What phase of the project is this line item in, as of January 2, 2019?

Bid Proposal Review/Final Award

Is this line item rebudgeted from a prior fiscal year?

Yes



Bus Procurement

Description:	Bus Purchase - Heavy Duty Battery Electric			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	2114-9024-D2116-0UU	Quantity:	10
Line Item ID:	FY21-01713	Type:	Encumbrance	Unit Cost:	\$1,072,113.00
Manager:	Bill Habibe			Total:	\$10,721,130
Grant Funded?	<input checked="" type="checkbox"/>				
Funding:	0030-6081-D2116-XKL	2019 LCTOP		1,083,000	
Funding:	0030-6107-D2116-XLK	2020 SB1 SGR		2,070,281	
Funding:	0030-6110-D2116-YJC	2018 SB1 SCCP		3,699,424	
Funding:	0030-6379-D2116-0UU	Misc. Rev. HVIP		1,520,000	
Funding:	0030-6379-D2116-000	VW Settlement		900,000	
Funding:	0030-6081-D2116-XLL	2020 LCTOP		1,448,425	
				Total Funded:	10,721,130

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. This item will provide the funding for ten battery electric buses that will be procured as part of the Solutions for Congested Corridors Program (SCCP) grant awarded to OCTA to operate BRAVO! service on Main street. These ten battery electric buses will be procured through one of the following sources: OCTA's own technical Request for Proposal (RFP) which has well defined attributes, operating parameters, and requirements for buses intended for service by the Authority or, through the State of California, Department of General Services solicitation for battery electric buses, Request for Proposal #2310-4399 released on Feb-28-2019, which has a planned award timeline during the FY 2020-21.

Please explain how you arrived at the budgeted dollars requested. Estimated budget funding request is based on most recently submitted pricing by a battery electric bus builder.

What phase of the project does this line item support? The purchase of ten battery electric buses.

What phase of the project is this line item in, as of January 2, 2019? Bid Proposal Review/Final Award

Is this line item rebudgeted from a prior fiscal year? Yes

Transit Security & Operations Center

Description:	Transit Security and Operations Center - Design Services			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	0051-9017-D3143-OLG	Quantity:	1
Line Item ID:	FY21-01856	Type:	Encumbrance	Unit Cost:	\$500,000.00
Manager:	George Olivo			Total:	\$500,000
Grant Funded?	<input checked="" type="checkbox"/>				
Funding:	0051-6517-D3143-F30	Interfund Transfer		500,000	
				Total Funded:	500,000

Please write a scope of work for this line item that could be used for procurement. Include a workplan 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 capabilities so that essential emergency response 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 cost methodology using cost history from past similar projects based on scope of work.

What phase of the project does this line item support? The 100% design phase.

What phase of the project is this line item in, as of January 2, 2019? 100% design procurement.

Is this line item rebudgeted from a prior fiscal year? Yes, under the existing contract.



Bus Program

Transit Technology and Communications Capital

Description:	Paratransit Radio System - 12 Vehicle Pilot			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	1288-9028-D1111-17Z	Quantity:	1
Line Item ID:	FY21-02012	Type:	Cash	Unit Cost:	\$250,000.00
Manager:	Michael Beerer			Total:	\$250,000
Grant Funded? <input type="checkbox"/>					

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

The Intelligent Transportation Management System (ITMS) radio system is end of life (EOL). The ITMS system is due to complete the refresh of the main software and then a 12 pilot of the fixed route vehicles with the IVU-4000, which enables voice over internet protocol (VOIP). VOIP will allow OCTA to migrate vehicles off our existing EOL radio system. This project would do the same for the paratransit fleet but would incorporate a computer and cellular modem into one complete unit. This new combined unit has three benefits: 1. reduced cost, 2. greatly reduced space and significant reductions in wiring on vehicles, 3. easier maintenance.

Please explain how you arrived at the budgeted dollars requested.

Based upon prior work Conduent has provided to OCTA in the past; conversations with vendor.

What phase of the project does this line item support?

Radio replacement and new vehicle procurements.

What phase of the project is this line item in, as of January 2, 2019?

Pilot

Is this line item rebudgeted from a prior fiscal year?

No

Description:	Software for Automatic Vehicle Announcements			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	1288-9028-D1111-11H	Quantity:	1
Line Item ID:	FY21-02130	Type:	Cash	Unit Cost:	\$25,000.00
Manager:	Michael Beerer			Total:	\$25,000
Grant Funded? <input type="checkbox"/>					

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

The intelligent transportation management system (ITMS) refresh vehicles that will be equipped with IVU-4000 will require new software for recording of vehicle announcements and playback of those announcements. This is a one time purchase and will apply to the entire fleet as they are migrated to the IVU-4000's.

Please explain how you arrived at the budgeted dollars requested.

Quote from vendor supplying the software and refresh.

What phase of the project does this line item support?

ITMS

What phase of the project is this line item in, as of January 2, 2019?

Pilot

Is this line item rebudgeted from a prior fiscal year?

No

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Administration

Non-Program Specific					
Line Item Controlled Capital					
Org- Key	Department / Fund Name	Obj	Line Item Description	Budget	Page No.
General Fund Administrative Expenses					
1141	Safety & Environmental	9025	Full Size 1/2 Ton Truck for Human Resource and Organization	45,000	69
1240	Accounting & Financial Rp	9028	Software Enhancement for Document Viewing	10,000	69
1725	Rail Operations	9025	F-250 3/4 Ton Pickup for the Rail Way	45,000	70
Technical Infrastructure and Business Systems Support					
1285	E'prise Comp Solut'n & Su	9028	Enterprise Asset Management System Replacement (Capital)	5,500,000	70
Subtotal Capital - Non-Program Specific				\$ 5,600,000	



General Fund Administrative Expenses

Description:	Full Size 1/2 Ton Truck for Human Resource and Organizational Development			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	1141-9025-D2113-0YS	Quantity:	1
Line Item ID:	FY21-01832	Type:	Encumbrance	Unit Cost:	\$45,000.00
Manager:	Marie Latino			Total:	\$45,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. According to the non-revenue vehicle policy, special purpose vehicles have a useful life of 10 years or 100,000 miles. Vehicle number 9886 is currently 11 years old with 83,900 miles. Projected miles will exceed 100,000 at replacement. The line item supports the replacement of vehicle # 9886 which has reached the end of its useful life per the non-revenue vehicle policy.

Please explain how you arrived at the budgeted dollars requested. The budgeted dollar is based on web research on a ½ ton pick up.

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, 2019? N/A

Is this line item rebudgeted from a prior fiscal year? No

Description:	Software Enhancement for Document Viewing			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	1240-9028-A5102-000	Quantity:	1
Line Item ID:	FY21-01797	Type:	Encumbrance	Unit Cost:	\$10,000.00
Manager:	Benjamin Torres			Total:	\$10,000
Grant Funded? <input type="checkbox"/>					

Please write a scope of work for this line item that could be used for procurement. Include a workplan identifying tasks or deliverables. Software enhancement for Document Viewing. Will implement MHC Self-Service for paycheck and W-2's. This is an amendment to an existing contract.

Please explain how you arrived at the budgeted dollars requested. Sole source amount.

What phase of the project does this line item support? Document viewing.

What phase of the project is this line item in, as of January 2, 2019? N/A

Is this line item rebudgeted from a prior fiscal year? No



Administration

General Fund Administrative Expenses

Description:	F-250 3/4 Ton Pickup for the Rail Way			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	1725-9025-D2113-03I	Quantity:	1
Line Item ID:	FY21-02677	Type:	Encumbrance	Unit Cost:	\$45,000.00
Manager:	Marie Latino			Total:	\$45,000
Grant Funded? <input type="checkbox"/>					

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

This request is for procurement of a new vehicle. According to the non-revenue vehicle policy, special purpose vehicles have a useful life of 10 years or 100,000 miles. Due to an additional Rail right of way employee being added to the OCTA work force, a vehicle is requested for this position based on the job duties.

Please explain how you arrived at the budgeted dollars requested.

Budget was determined based on last years history of buying the same truck and the dealer cost.

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, 2019?

N/A

Is this line item rebudgeted from a prior fiscal year?

No

Technical Infrastructure and Business Systems Support

Description:	Enterprise Asset Management System Replacement (Capital)			Recurring?	<input type="checkbox"/>
FY:	2021	Account:	1285-9028-A5359-0R5	Quantity:	1
Line Item ID:	FY21-02026	Type:	Encumbrance	Unit Cost:	\$5,500,000.00
Manager:	Tom Young			Total:	\$5,500,000
Grant Funded? <input type="checkbox"/>					

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

To procure, design, develop/configure and implement an Enterprise Asset Management (EAM) system to replace our current ABB Ellipse application. This is for the capital portion of expenses.

Please explain how you arrived at the budgeted dollars requested.

We derived the estimated five (5) year cost for the EAM system replacement and operating cost from multiple RFI responses. This dollar figure is a representation of the upper limits of all responses received.

What phase of the project does this line item support?

This item will support the project for five (5) years through all phases starting with planning and going through project completion including release to operations.

What phase of the project is this line item in, as of January 2, 2019?

We are in the beginning planning phases of the project.

Is this line item rebudgeted from a prior fiscal year?

No

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