

APPROVED CAPITAL JUSTIFICATIONS

FISCAL YEAR 2021-22



ORANGE COUNTY TRANSPORTATION AUTHORITY

**FISCAL YEAR 2021-22
LINE ITEM CONTROLLED CAPITAL
JUSTIFICATIONS**

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Chief Executive Officer

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Chief Financial Officer



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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	28,000,000	3
0017	Local Transport Auth Mea	9082	I-405, SR-55 to I-605 - Right-of-Way Utilities	20,800,000	3
0017	Local Transport Auth Mea	9084	I-405, SR-55 to I-605 - Project Allotment	14,200,000	3
0017	Local Transport Auth Mea	9084	I-405, SR-55 to I-605 - Cooperative Agreements	3,900,000	4
0017	Local Transport Auth Mea	9084	I-405, SR-55 to I-605 - Construction Capital Improvement	858,000	4
0017	Local Transport Auth Mea	9085	I-405, SR-55 to I-605 - Construction Management Services	6,750,000	4
0017	Local Transport Auth Mea	9085	I-405, SR-55 to I-605 - Caltrans Cooperative Agreement	4,312,500	5
0017	Local Transport Auth Mea	9085	I-405, SR-55 to I-605 - Construction Management for Capital I	150,000	5
0017	Local Transport Auth Mea	9085	I-405, SR-55 to I-605 - Project Management Consultant	10,800,000	5
I-5, SR-73 to El Toro Road (Project C)					
0017	Local Transport Auth Mea	9081	I-5, SR-73 to Oso Parkway - Right-of-Way Capital	9,073,469	6
0017	Local Transport Auth Mea	9081	I-5, Oso Parkway to Alicia Parkway - Right-of-Way Capital	5,349,190	6
0017	Local Transport Auth Mea	9081	I-5, Alicia Parkway to El Toro Road - Right-of-Way Capital	9,711,883	6
0017	Local Transport Auth Mea	9082	I-5, SR-73 to Oso Parkway - Right-of-Way Utilities	2,000,000	6
0017	Local Transport Auth Mea	9082	I-5, Oso Parkway to Alicia Paarkway - Right-of-Way Utilities	1,000,000	7
0017	Local Transport Auth Mea	9082	I-5, Alicia Parkway to El Toro Road - Right-of-Way Utilities	4,000,000	7
0017	Local Transport Auth Mea	9084	I-5, Avenida Pico to San Juan Creek Road - Plant Establishme	200,000	7
0017	Local Transport Auth Mea	9084	I-5, SR-73 to Oso Parkway - City Cooperative Agreements	50,000	7
0017	Local Transport Auth Mea	9084	I-5, Oso Parkway to Alicia Parkway - Caltrans Cooperative Agr	24,000,000	8
0017	Local Transport Auth Mea	9084	I-5, Oso Parkway to Alicia Parkway - City Cooperative Agreeem	50,000	8
0017	Local Transport Auth Mea	9084	I-5, Alicia Parkway to El Toro Road - Caltrans Cooperative Agr	18,000,000	8
0017	Local Transport Auth Mea	9084	I-5, Alicia Parkway to El Toro Road - City Cooperative Agreeem	75,000	8
0017	Local Transport Auth Mea	9084	I-5, Alicia Parkway to El Toro Road - City Cooperative Agreeem	200,000	9
0017	Local Transport Auth Mea	9085	I-5, Avenida Pico to San Juan Creek Road - Plant Establishmen	50,000	9
0017	Local Transport Auth Mea	9085	I-5, SR-73 to Oso Parkway - Construction Management Suppo	3,300,000	9
0017	Local Transport Auth Mea	9085	I-5, Oso Parkway to Alicia Parkway - Construction Manageme	3,300,000	10
0017	Local Transport Auth Mea	9085	I-5, Alicia Parkway to El Toro Road - Construction Manageme	3,300,000	10
SR-55, I-405 to I-5 (Project F)					
0017	Local Transport Auth Mea	9081	SR-55, I-405 to I-5 - Right-of-Way Capital	75,000,000	10
0017	Local Transport Auth Mea	9082	SR-55, I-405 to I-5 - Right-of-Way Utilities	20,000,000	11
0017	Local Transport Auth Mea	9083	SR-55, I-405 to I-5 - Relocation Assistance	3,544,069	11
0017	Local Transport Auth Mea	9084	SR-55, I-405 to I-5 - City Cooperative Agreements	50,000	11
0017	Local Transport Auth Mea	9084	SR-55, I-405 to I-5 - Metrolink Cooperative Agreement	542,850	12



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, I-405 to I-5 (Project F)					
0017	Local Transport Auth Mea	9085	SR-55, I-405 to I-5 - Construction Management Services	1,500,000	12
SR-57, Oranewood Ave. to Katella Ave. (Project G)					
0017	Local Transport Auth Mea	9084	SR-57, Katella Avenue to Lincoln Avenue - Landscaping Capita	25,000	12
0017	Local Transport Auth Mea	9084	SR-57, Orangethorpe to Yorba Linda - Landscaping Capital	25,000	13
0017	Local Transport Auth Mea	9084	SR-57, Yorba Linda to Lambert - Landscaping Capital	25,000	13
0017	Local Transport Auth Mea	9085	SR-57, Katella to Lincoln - Landscaping Construction Manage	25,000	13
0017	Local Transport Auth Mea	9085	SR-57, Orangethorpe Avenue to Yorba Linda Boulevard - Cons	25,000	13
0017	Local Transport Auth Mea	9085	SR-57, Orangethorpe Avenue to Lambert Road - Construction	25,000	14
Subtotal Capital - Measure M2 Program				\$ 274,216,961	



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:	2022	Account:	0017-9081-FK101-ODW	Quantity:	1
Line Item ID:	FY22-02235	Type:	Cash	Unit Cost:	\$28,000,000.00
Manager:	Dennis Mak			Total:	\$28,000,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request.

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 I-405 Improvement Project.

Select phase of work: Right-of-Way
Is this line item rebudgeted? Yes

Description:	I-405, SR-55 to I-605 - Right-of-Way Utilities			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0017-9082-FK101-ODW	Quantity:	1
Line Item ID:	FY22-02259	Type:	Cash	Unit Cost:	\$20,800,000.00
Manager:	Dennis Mak			Total:	\$20,800,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request.

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.

Select phase of work: Right-of-Way
Is this line item rebudgeted? Yes

Description:	I-405, SR-55 to I-605 - Project Allotment			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0017-9084-FK101-OGM	Quantity:	1
Line Item ID:	FY22-02155	Type:	Encumbrance	Unit Cost:	\$14,200,000.00
Manager:	Dennis Mak			Total:	\$14,200,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request.

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.

Select phase of work: Construction
Is this line item rebudgeted? Yes



Measure M2 Program

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:	2022	Account:	0017-9084-FK101-0I2	Quantity:	1
Line Item ID:	FY22-02261	Type:	Cash	Unit Cost:	\$3,900,000.00
Manager:	Dennis Mak			Total:	\$3,900,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request.

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.

Select phase of work:

Construction

Is this line item rebudgeted?

Yes

Description:	I-405, SR-55 to I-605 - Construction Capital Improvement			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0017-9084-FK101-0XE	Quantity:	1
Line Item ID:	FY22-02268	Type:	Encumbrance	Unit Cost:	\$858,000.00
Manager:	Dennis Mak			Total:	\$858,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request.

This budget request is for costs associated with the construction of the Cost-To-Cure (in-kind improvement) at the Navy Weapons Station, as part of the general purpose lanes of the I-405 Improvement Project.

Select phase of work:

Construction

Is this line item rebudgeted?

No

Description:	I-405, SR-55 to I-605 - Construction Management Services			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0017-9085-FK101-0DY	Quantity:	1
Line Item ID:	FY22-02230	Type:	Cash	Unit Cost:	\$6,750,000.00
Manager:	Dennis Mak			Total:	\$6,750,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request.

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.

Select phase of work:

Construction

Is this line item rebudgeted?

Yes



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:	2022	Account:	0017-9085-FK101-0KM	Quantity:	1
Line Item ID:	FY22-02232	Type:	Cash	Unit Cost:	\$4,312,500.00
Manager:	Dennis Mak			Total:	\$4,312,500
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request. 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 for the general purpose lanes of the I-405 Improvement Project.

Select phase of work: Construction
Is this line item rebudgeted? Yes

Description:	I-405, SR-55 to I-605 - Construction Management for Capital Improvement			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0017-9085-FK101-0XE	Quantity:	1
Line Item ID:	FY22-02270	Type:	Cash	Unit Cost:	\$150,000.00
Manager:	Dennis Mak			Total:	\$150,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request. This budget request is for costs associated with the construction management support services for the Cost-To-Cure (in kind improvement) of the Navy Weapons Stations, as part of the general purpose lanes of the I-405 Improvement Project.

Select phase of work: Construction
Is this line item rebudgeted? No

Description:	I-405, SR-55 to I-605 - Project Management Consultant			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0017-9085-FK101-TZF	Quantity:	1
Line Item ID:	FY22-02167	Type:	Cash	Unit Cost:	\$10,800,000.00
Manager:	Dennis Mak			Total:	\$10,800,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request. 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.

Select phase of work: Construction
Is this line item rebudgeted? Yes



Measure M2 Program

Freeways

I-5, SR-73 to El Toro Road (Project C)

Description:	I-5, SR-73 to Oso Parkway - Right-of-Way Capital			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0017-9081-FC102-06W	Quantity:	1
Line Item ID:	FY22-02341	Type:	Cash	Unit Cost:	\$9,073,469.00
Manager:	Hamid Torkamanha			Total:	\$9,073,469
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request.

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.

Select phase of work: Right-of-Way
Is this line item rebudgeted? Yes

Description:	I-5, Oso Parkway to Alicia Parkway - Right-of-Way Capital			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0017-9081-FC105-06W	Quantity:	1
Line Item ID:	FY22-02342	Type:	Cash	Unit Cost:	\$5,349,190.00
Manager:	Hamid Torkamanha			Total:	\$5,349,190
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request.

The scope of work includes the acquisition of properties and property rights from private and public owners for the I-5 Widening, Oso Parkway to Alicia 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.

Select phase of work: Right-of-Way
Is this line item rebudgeted? Yes

Description:	I-5, Alicia Parkway to El Toro Road - Right-of-Way Capital			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0017-9081-FC106-06W	Quantity:	1
Line Item ID:	FY22-02343	Type:	Cash	Unit Cost:	\$9,711,883.00
Manager:	Hamid Torkamanha			Total:	\$9,711,883
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request.

The scope of work includes the acquisition of properties and property rights from private and public owners for the I-5 Widening, Alicia Parkway to El Toro Road 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.

Select phase of work: Ongoing Operations
Is this line item rebudgeted? No

Description:	I-5, SR-73 to Oso Parkway - Right-of-Way Utilities			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0017-9082-FC102-06W	Quantity:	1
Line Item ID:	FY22-02347	Type:	Cash	Unit Cost:	\$2,000,000.00
Manager:	Hamid Torkamanha			Total:	\$2,000,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request.

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. This budget request is for costs associated with these services.

Select phase of work: Right-of-Way
Is this line item rebudgeted? Yes



Freeways

I-5, SR-73 to El Toro Road (Project C)

Description:	I-5, Oso Parkway to Alicia Paarkway - Right-of-Way Utilities			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0017-9082-FC105-06W	Quantity:	1
Line Item ID:	FY22-02348	Type:	Cash	Unit Cost:	\$1,000,000.00
Manager:	Hamid Torkamanha			Total:	\$1,000,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request. Relocate multiple utilities for the I-5 widening project, from Oso Parkway to Alicia Parkway during the right-of-way (ROW) utility relocation phase of work. This budget request is for costs associated with these services.

Select phase of work: Right-of-Way

Is this line item rebudgeted? Yes

Description:	I-5, Alicia Parkway to El Toro Road - Right-of-Way Utilities			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0017-9082-FC106-06W	Quantity:	1
Line Item ID:	FY22-02349	Type:	Cash	Unit Cost:	\$4,000,000.00
Manager:	Hamid Torkamanha			Total:	\$4,000,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request. Relocate multiple utilities for the I-5 widening project, from Alicia Parkway to El Toro Road during the right-of-way (ROW) utility relocation phase of work. This budget request is for costs associated with these services.

Select phase of work: Right-of-Way

Is this line item rebudgeted? Yes

Description:	I-5, Avenida Pico to San Juan Creek Road - Plant Establishment			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0017-9084-FC101-0JV	Quantity:	1
Line Item ID:	FY22-02350	Type:	Cash	Unit Cost:	\$200,000.00
Manager:	Hamid Torkamanha			Total:	\$200,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request. 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.

Select phase of work: Construction

Is this line item rebudgeted? Yes

Description:	I-5, SR-73 to Oso Parkway - City Cooperative Agreements			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0017-9084-FC102-0U1	Quantity:	1
Line Item ID:	FY22-02338	Type:	Cash	Unit Cost:	\$50,000.00
Manager:	Hamid Torkamanha			Total:	\$50,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request. 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.

Select phase of work: Construction

Is this line item rebudgeted? Yes



Measure M2 Program

Freeways

I-5, SR-73 to El Toro Road (Project C)

Description:	I-5, Oso Parkway to Alicia Parkway - Caltrans Cooperative Agreement			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0017-9084-FC105-06W	Quantity:	1
Line Item ID:	FY22-02333	Type:	Cash	Unit Cost:	\$24,000,000.00
Manager:	Hamid Torkamanha			Total:	\$24,000,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request. 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, earthwork, grading, surveying, falsework, and demolition. The project will widen I-5 in each direction between Oso Creek and Alicia Parkway.

Select phase of work: Construction

Is this line item rebudgeted? Yes

Description:	I-5, Oso Parkway to Alicia Parkway - City Cooperative Agreements			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0017-9084-FC105-106	Quantity:	1
Line Item ID:	FY22-02339	Type:	Cash	Unit Cost:	\$50,000.00
Manager:	Hamid Torkamanha			Total:	\$50,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request. Cooperative Agreements with the Cities of Mission Viejo and Laguna Hills to provide city services including traffic engineering, police, and traffic management plan review services for the I-5 widening, Oso Parkway to Alicia Parkway project. The budget request is for costs associated with these services.

Select phase of work: Construction

Is this line item rebudgeted? Yes

Description:	I-5, Alicia Parkway to El Toro Road - Caltrans Cooperative Agreement			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0017-9084-FC106-103	Quantity:	1
Line Item ID:	FY22-02334	Type:	Cash	Unit Cost:	\$18,000,000.00
Manager:	Hamid Torkamanha			Total:	\$18,000,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request. 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.

Select phase of work: Construction

Is this line item rebudgeted? Yes

Description:	I-5, Alicia Parkway to El Toro Road - City Cooperative Agreements			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0017-9084-FC106-107	Quantity:	1
Line Item ID:	FY22-02340	Type:	Cash	Unit Cost:	\$75,000.00
Manager:	Hamid Torkamanha			Total:	\$75,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request. Cooperative Agreements with the Cities of Laguna Hills, Laguna Woods, and Lake Forest to provide city services including traffic engineering, police, and traffic management plan review services for the I-5 widening, Alicia Parkway to El Toro Road project. The budget request is for costs associated with these services.

Select phase of work: Construction

Is this line item rebudgeted? Yes



Freeways

I-5, SR-73 to El Toro Road (Project C)

Description:	I-5, Alicia Parkway to El Toro Road - City Cooperative Agreements			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0017-9084-FC106-N5R	Quantity:	1
Line Item ID:	FY22-02306	Type:	Cash	Unit Cost:	\$200,000.00
Manager:	Niall Barrett			Total:	\$200,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request. To provide City services, including preparation work for landscaping and traffic management plan support, for the project. This budget request is for costs associated with these services.

Select phase of work: Construction

Is this line item rebudgeted? No

Description:	I-5, Avenida Pico to San Juan Creek Road - Plant Establishment			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0017-9085-FC101-0JV	Quantity:	1
Line Item ID:	FY22-02351	Type:	Cash	Unit Cost:	\$50,000.00
Manager:	Hamid Torkamanha			Total:	\$50,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request. 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 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.

Select phase of work: Construction

Is this line item rebudgeted? Yes

Description:	I-5, SR-73 to Oso Parkway - Construction Management Support			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0017-9085-FC102-06W	Quantity:	1
Line Item ID:	FY22-02335	Type:	Cash	Unit Cost:	\$3,300,000.00
Manager:	Hamid Torkamanha			Total:	\$3,300,000
Grant Funded? <input checked="" type="checkbox"/>					

Funding: 0017-6048-FF101-XKD FY2019 FHWA RSTP/STBG 3,300,000

Total Funded: 3,300,000

Please provide a complete description of this request. 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.

Select phase of work: Construction

Is this line item rebudgeted? Yes



Measure M2 Program

Freeways

I-5, SR-73 to El Toro Road (Project C)

Description:	I-5, Oso Parkway to Alicia Parkway - Construction Management Support			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0017-9085-FC105-06W	Quantity:	1
Line Item ID:	FY22-02336	Type:	Cash	Unit Cost:	\$3,300,000.00
Manager:	Hamid Torkamanha			Total:	\$3,300,000
Grant Funded?	<input type="checkbox"/>				

Please provide a complete description of this request.

Consultant to assist the Authority by providing staff assistance and technical expertise to help manage the construction phase of the I-5 Widening, from Oso Parkway to Alicia 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.

Select phase of work:

Construction

Is this line item rebudgeted?

Yes

Description:	I-5, Alicia Parkway to El Toro Road - Construction Management Support			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0017-9085-FC106-103	Quantity:	1
Line Item ID:	FY22-02337	Type:	Cash	Unit Cost:	\$3,300,000.00
Manager:	Hamid Torkamanha			Total:	\$3,300,000
Grant Funded?	<input type="checkbox"/>				

Please provide a complete description of this request.

Consultant to assist the Authority by providing staff assistance and technical expertise to help manage the construction phase of the I-5 Widening, from Alicia Parkway to El Toro Road. 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.

Select phase of work:

Construction

Is this line item rebudgeted?

Yes

SR-55, I-405 to I-5 (Project F)

Description:	SR-55, I-405 to I-5 - Right-of-Way Capital			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0017-9081-FF101-0KU	Quantity:	1
Line Item ID:	FY22-02276	Type:	Cash	Unit Cost:	\$75,000,000.00
Manager:	Ross Lew			Total:	\$75,000,000
Grant Funded?	<input checked="" type="checkbox"/>				

Funding:	0017-6061-FF101-YMP	FY 2021 SHOPP	991,809
Funding:	0017-6045-FF101-XMB	FY 2021 CMAQ	20,000,000
Funding:	0017-6048-FF101-XKD	FY2019 FHWA RSTP/STBG	54,008,191

Total Funded: 75,000,000

Please provide a complete description of this request.

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.

Select phase of work:

Right-of-Way

Is this line item rebudgeted?

Yes



Freeways

SR-55, I-405 to I-5 (Project F)

Description:	SR-55, I-405 to I-5 - Right-of-Way Utilities			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0017-9082-FF101-0KU	Quantity:	1
Line Item ID:	FY22-02277	Type:	Cash	Unit Cost:	\$20,000,000.00
Manager:	Ross Lew			Total:	\$20,000,000
Grant Funded?	<input checked="" type="checkbox"/>				

Funding: 0017-6048-FF101-XKD FY2019 FHWA RSTP/STBG 20,000,000

Total Funded: 20,000,000

Please provide a complete description of this request.

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 SR-55/I-405 interchange in Irvine to the I-5/SR-55 interchange in Tustin. This budget request is for costs associated with these services.

Select phase of work:

Right-of-Way

Is this line item rebudgeted?

Yes

Description:	SR-55, I-405 to I-5 - Relocation Assistance			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0017-9083-FF101-0KU	Quantity:	1
Line Item ID:	FY22-02278	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 FHWA RSTP/STBG 3,544,069

Total Funded: 3,544,069

Please provide a complete description of this request.

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. This budget request is for costs associated with these services.

Select phase of work:

Right-of-Way

Is this line item rebudgeted?

Yes

Description:	SR-55, I-405 to I-5 - City Cooperative Agreements			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0017-9084-FF101-0TB	Quantity:	1
Line Item ID:	FY22-02279	Type:	Cash	Unit Cost:	\$50,000.00
Manager:	Ross Lew			Total:	\$50,000
Grant Funded?	<input type="checkbox"/>				

Please provide a complete description of this request.

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. This budget request is for costs associated with these services.

Select phase of work:

Construction

Is this line item rebudgeted?

Yes



Measure M2 Program

Freeways

SR-55, I-405 to I-5 (Project F)

Description:	SR-55, I-405 to I-5 - Metrolink Cooperative Agreement			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0017-9084-FF101-NA4	Quantity:	1
Line Item ID:	FY22-02280	Type:	Encumbrance	Unit Cost:	\$542,850.00
Manager:	Ross Lew			Total:	\$542,850
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request. This budget request is to advance funds to Metrolink (SCRRA) to provide construction support services during construction for the State Route 55, from I-405 to I-5.

Select phase of work: Construction

Is this line item rebudgeted? No

Description:	SR-55, I-405 to I-5 - Construction Management Services			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0017-9085-FF101-OKU	Quantity:	1
Line Item ID:	FY22-02283	Type:	Cash	Unit Cost:	\$1,500,000.00
Manager:	Ross Lew			Total:	\$1,500,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request. 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.

Select phase of work: Construction

Is this line item rebudgeted? No

SR-57, Orangewood Ave. to Katella Ave. (Project G)

Description:	SR-57, Katella Avenue to Lincoln Avenue - Landscaping Capital			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0017-9084-FG101-ODN	Quantity:	1
Line Item ID:	FY22-02307	Type:	Cash	Unit Cost:	\$25,000.00
Manager:	Niall Barrett			Total:	\$25,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request. Existing Cooperative Agreement C-3-1964 with Caltrans to provide construction for the landscaping work on the SR-57 from Katella Ave. to Lincoln Ave. This budget request is for costs associated with these services.

Select phase of work: Construction

Is this line item rebudgeted? Yes



Freeways

SR-57, Orangewood Ave. to Katella Ave. (Project G)

Description:	SR-57, Orangethorpe to Yorba Linda - Landscaping Capital			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0017-9084-FG102-T3V	Quantity:	1
Line Item ID:	FY22-02320	Type:	Cash	Unit Cost:	\$25,000.00
Manager:	Niall Barrett			Total:	\$25,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request. Existing Cooperative Agreement C-1-2843 with Caltrans to provide construction for the landscaping work on the SR-57 from Orangethorpe to Yorba Linda. This budget request is for costs associated with these services.

Select phase of work: Construction

Is this line item rebudgeted? No

Description:	SR-57, Yorba Linda to Lambert - Landscaping Capital			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0017-9084-FG103-T3V	Quantity:	1
Line Item ID:	FY22-02319	Type:	Cash	Unit Cost:	\$25,000.00
Manager:	Niall Barrett			Total:	\$25,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request. Existing Cooperative Agreement C-1-2843 with Caltrans to provide construction for the landscaping work on the SR-57 from Yorba Linda to Lambert. This budget request is for costs associated with these services.

Select phase of work: Construction

Is this line item rebudgeted? No

Description:	SR-57, Katella to Lincoln - Landscaping Construction Management			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0017-9085-FG101-ODN	Quantity:	1
Line Item ID:	FY22-02315	Type:	Cash	Unit Cost:	\$25,000.00
Manager:	Niall Barrett			Total:	\$25,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request. Existing Cooperative Agreement C-3-1964 with Caltrans to provide construction management support services for landscaping project. This budget request is for costs associated with these services.

Select phase of work: Construction

Is this line item rebudgeted? No

Description:	SR-57, Orangethorpe Avenue to Yorba Linda Boulevard - Construction Management			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0017-9085-FG102-HGU	Quantity:	1
Line Item ID:	FY22-02317	Type:	Cash	Unit Cost:	\$25,000.00
Manager:	Niall Barrett			Total:	\$25,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request. Existing Cooperative Agreement C-1-2843 with Caltrans to provide construction management support services for the landscaping project. This budget request is for costs associated with these services.

Select phase of work: Construction

Is this line item rebudgeted? No



Measure M2 Program

Freeways

SR-57, Orangethorpe Ave. to Katella Ave. (Project G)

Description:	SR-57, Orangethorpe Avenue to Lambert Road - Construction Management			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0017-9085-FG103-HGU	Quantity:	1
Line Item ID:	FY22-02316	Type:	Cash	Unit Cost:	\$25,000.00
Manager:	Niall Barrett			Total:	\$25,000
Grant Funded?	<input type="checkbox"/>				

Please provide a complete description of this request.

Existing Cooperative Agreement C-1-2843 with Caltrans to provide construction management support services for the landscaping project. This budget request is for costs associated with these services.

Select phase of work:

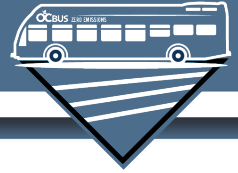
Construction

Is this line item rebudgeted?

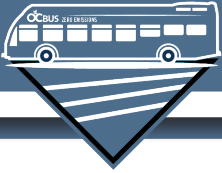
No

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Bus					
Line Item Controlled Capital					
Org- Key	Department / Fund Name	Obj	Line Item Description	Budget	Page No.
Bus Base and Transit Center Projects					
1261	Transit Revenue	9026	Vaulting and Field Testing Equipment	16,400	18
1275	Materials Management A	9028	Enterprise Asset Management	100,000	18
1722	Facilities Engineering	9022	Fuel Building Repairs at Irvine Construction Circle Base	350,000	18
1722	Facilities Engineering	9022	Electrical Service for Hydrogen Fueling Station at Santa Ana B	425,000	18
1722	Facilities Engineering	9022	HVAC Unit Replacement at Anaheim Base Operations Buildin	500,000	19
1722	Facilities Engineering	9022	Emergency Back-Up Generator Replacement - Anaheim/IRCC	138,000	19
1722	Facilities Engineering	9022	Replace Drainage System at Chassis Wash Bay at Anaheim Bu	150,000	19
1722	Facilities Engineering	9022	Security Gate Installation at Anaheim, Garden Grove, and San	2,966,000	20
1722	Facilities Engineering	9022	Fire Alarm Control Panel Replacement at Santa Ana Bus Base	300,000	20
1722	Facilities Engineering	9022	Restroom Improvements at Fullerton Park and Ride	300,000	21
2162	Maintenance-Garden Gro	9026	Brake Lathes - Garden Grove Maintenance	50,000	21
2166	Facilities Maintenance Ad	9022	Park and Ride Transportation Center Modernization	200,000	21
2168	Maintenance Santa Ana A	9026	Brake Lathes - Santa Ana Maintenance	50,000	22
2194	Maint-Specialty Shops Ad	9026	Utility Trailer - Santa Ana	18,000	22
Near Zero Engine Repower					
2114	Transit Technical Services	9024	Near Zero Engine Campaign for 60' Buses	1,376,000	22
2114	Transit Technical Services	9024	Near Zero Engine Repower for 40' Buses	11,285,960	23
Transit Security & Operations Center					
0051	Transit Development Cap	9017	Transit Security and Operations Center - Design Services	500,000	23
Transit Technology and Communications Capital					
1288	IS Transit Radio Support &	9028	ITMS Interoperability Gateway Replacements	90,000	23
1288	IS Transit Radio Support &	9028	Paratransit All-In-One Combined IVU/MDT/Mobile Router	250,000	24
Subtotal Capital - Bus				\$ 19,065,360	



Bus Program

Bus Base and Transit Center Projects

Description:	Vaulting and Field Testing Equipment			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	1261-9026-A0001-1C6	Quantity:	1
Line Item ID:	FY22-02366	Type:	Cash	Unit Cost:	\$16,400.00
Manager:	Sam Kaur			Total:	\$16,400
Grant Funded? <input type="checkbox"/>					

No budget justification required.

Description:	Enterprise Asset Management			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	1275-9028-A5359-0R5	Quantity:	1
Line Item ID:	FY22-02465	Type:	Encumbrance	Unit Cost:	\$100,000.00
Manager:	Tom Young			Total:	\$100,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request.

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. 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.

Select phase of work:

Ongoing Operation

Is this line item rebudgeted?

Yes

Description:	Fuel Building Repairs at Irvine Construction Circle Base			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	1722-9022-D1401-0WA	Quantity:	1
Line Item ID:	FY22-01721	Type:	Encumbrance	Unit Cost:	\$350,000.00
Manager:	George Olivo			Total:	\$350,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request.

The project is necessary to maintain the fuel building in a state of good repair since 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.

Select phase of work:

Construction

Is this line item rebudgeted?

Yes

Description:	Electrical Service for Hydrogen Fueling Station at Santa Ana Bus Base			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	1722-9022-D2157-0ML	Quantity:	1
Line Item ID:	FY22-01725	Type:	Encumbrance	Unit Cost:	\$425,000.00
Manager:	George Olivo			Total:	\$425,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request.

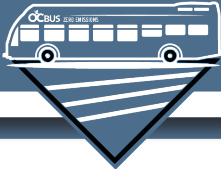
The project is necessary to provide protection from an electrical short circuit current back-feeding into Southern California Edison's (SCE) primary power feed to the Santa Ana bus base through the customer-owned switch that feeds the Compressed Natural Gas (CNG) fueling station. During site investigation 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.

Select phase of work:

Construction

Is this line item rebudgeted?

Yes



Bus Base and Transit Center Projects

Description:	HVAC Unit Replacement at Anaheim Base Operations Building			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	1722-9022-D3103-058	Quantity:	1
Line Item ID:	FY22-01722	Type:	Encumbrance	Unit Cost:	\$500,000.00
Manager:	George Olivo			Total:	\$500,000
Grant Funded?	<input checked="" type="checkbox"/>				

Funding: 0030-6049-D3107-MMK FY 2021 FTA Sec 5337 - Preventative Maintenance 500,000
Total Funded: 500,000

Please provide a complete description of this request. 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.

Select phase of work: Construction
Is this line item rebudgeted? Yes

Description:	Emergency Back-Up Generator Replacement - Anaheim/IRCC Bus Bases			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	1722-9022-D3103-0M4	Quantity:	1
Line Item ID:	FY22-01726	Type:	Encumbrance	Unit Cost:	\$138,000.00
Manager:	George Olivo			Total:	\$138,000
Grant Funded?	<input type="checkbox"/>				

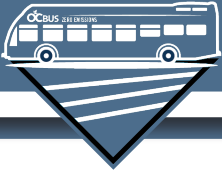
Please provide a complete description of this request. This project is for the replacement of the existing emergency power standby generators at the Anaheim and Irvine Construction Circle (IRCC) bus bases. The existing 300KW generator unit at Anaheim base is 30 plus years old, beyond its useful life, broken, and in need of replacement. The existing 150KW generator at IRCC base is old and undersized. The work includes installation of new, energy efficient standby back-up power generators and switchgear, and related work in compliance with Southern California Air Quality Management District (SCAQMD). This will require phasing of work and traffic control as shown in the plans and specifications.

Select phase of work: Construction
Is this line item rebudgeted? Yes

Description:	Replace Drainage System at Chassis Wash Bay at Anaheim Bus Base			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	1722-9022-D3103-0W6	Quantity:	1
Line Item ID:	FY22-01723	Type:	Encumbrance	Unit Cost:	\$150,000.00
Manager:	George Olivo			Total:	\$150,000
Grant Funded?	<input type="checkbox"/>				

Please provide a complete description of this request. 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.

Select phase of work: Construction
Is this line item rebudgeted? Yes



Bus Program

Bus Base and Transit Center Projects

Description:	Security Gate Installation at Anaheim, Garden Grove, and Santa Ana Bus Bases			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	1722-9022-D3126-0V0	Quantity:	1
Line Item ID:	FY22-01995	Type:	Encumbrance	Unit Cost:	\$2,966,000.00
Manager:	George Olivo			Total:	\$2,966,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request.

In 2018, TSA conducted a Baseline Assessment for Security Enhancement (BASE) and upgrading the current gate to an access controlled system was recommended.

This budget line item request is for installation of motorized security gates with access control at the Anaheim, Garden Grove, and Santa Ana bus bases. Motorized security gates with access control are needed at the operations and maintenance bus bases to secure entry into OCTA's property to reduce risk at the facilities. This project does not cover all base gates, but rather the bases and gate locations that have had frequent incidents of unauthorized entry, including attempted employee and company car thefts/break ins.

The Executive Grant Committee / Programming Advisory Committee approved applying for funding through the FTA Bus and Bus Facilities Grant program for two consecutive years in 2019 and 2020 to help offset the \$6,745,000 needed to implement motorized security gates at 16 locations within the five operating bases. The FTA reviewed the applications and rated them as "highly recommended". Unfortunately, the grants were not awarded due to other transit's greater need for state of good repair and zero emission bus projects.

Although grant funding was not secured, the importance for installing motorized security gates with access control has not diminished. Unauthorized entries are on the rise. Most recently there was an incident at the Santa Ana base where an individual attempted to steal a company truck from inside the maintenance shop, then fled to the employee parking lot where he tried to break in to an employee's car. The project scope for this project was scaled back to three gates at three bases that would benefit the most by having motorized security gates with access control. If necessary, the project scope can be reduced further to only include two gates or perhaps one gate as the budget permits.

Select phase of work:

Construction

Is this line item rebudgeted?

No

Description:	Fire Alarm Control Panel Replacement at Santa Ana Bus Base			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	1722-9022-D3126-0W7	Quantity:	1
Line Item ID:	FY22-01724	Type:	Encumbrance	Unit Cost:	\$300,000.00
Manager:	George Olivo			Total:	\$300,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request.

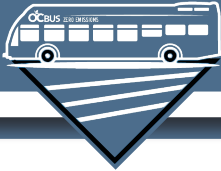
The project is necessary to maintain the Santa Ana bus base in a state of good repair. Currently, the base fire alarm control panels are obsolete, and are no longer supported by the manufacturer who is going out of business which requires a risk response by OCTA. The project will replace the fire alarm control panels at the Santa Ana bus base with modern units.

Select phase of work:

Construction

Is this line item rebudgeted?

Yes



Bus Base and Transit Center Projects

Description:	Restroom Improvements at Fullerton Park and Ride			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	1722-9022-D3139-0W2	Quantity:	1
Line Item ID:	FY22-01720	Type:	Encumbrance	Unit Cost:	\$300,000.00
Manager:	George Olivo			Total:	\$300,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request. 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 beyond their useful life, thus they require replacement. This includes broken fixtures, general wear and tear, vandalism, etc.

The project will reconstruct the restroom interiors including new doors for the public restrooms and coach operator restrooms 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. Total project scope includes the following: six restrooms, two electrical rooms, and two maintenance storage rooms.

Select phase of work: Construction
Is this line item rebudgeted? Yes

Description:	Brake Lathes - Garden Grove Maintenance			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	2162-9026-D2108-1RU	Quantity:	2
Line Item ID:	FY22-01695	Type:	Encumbrance	Unit Cost:	\$25,000.00
Manager:	Brian Koenig			Total:	\$50,000
Grant Funded? <input type="checkbox"/>					

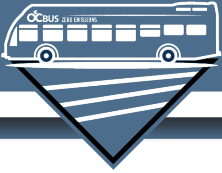
Please provide a complete description of this request. The last order of 157 buses were equipped with four wheel disc brakes resulting in an increase in disc brake rotor service. Maintenance requires additional equipment to keep up with this service. Additionally, future bus orders will be equipped with four wheel disc brakes.

Select phase of work: Ongoing Operation
Is this line item rebudgeted? No

Description:	Park and Ride Transportation Center Modernization			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	2166-9022-D3107-004	Quantity:	1
Line Item ID:	FY22-01704	Type:	Cash	Unit Cost:	\$200,000.00
Manager:	Christopher Damyen			Total:	\$200,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request. Funds will be used to return OCTA's seven Park and Rides to a state of good repair required by the Federal Transit Administration Transit Asset Plan. Many repairs will be guided by the Transit Center Modernization and Parking study. Facilities Maintenance is working with other departments to implement recommended solutions and improvements.

Select phase of work: Ongoing Operation
Is this line item rebudgeted? No



Bus Program

Bus Base and Transit Center Projects

Description:	Brake Lathes - Santa Ana Maintenance			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	2168-9026-D2108-1RO	Quantity:	2
Line Item ID:	FY22-01693	Type:	Encumbrance	Unit Cost:	\$25,000.00
Manager:	Troy Wilkins			Total:	\$50,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request.

The last order of 157 buses were equipped with four wheel disc brakes resulting in an increase in disc brake rotor service. Maintenance requires additional equipment to keep up with this service. Additionally, future bus orders will be equipped with four wheel disc brakes.

Select phase of work:

Ongoing Operation

Is this line item rebudgeted?

No

Description:	Utility Trailer - Santa Ana			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	2194-9026-D2113-1RI	Quantity:	1
Line Item ID:	FY22-01691	Type:	Encumbrance	Unit Cost:	\$18,000.00
Manager:	Louis Luxenberg			Total:	\$18,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request.

Drop Down trailer to be used to move small forklifts, push tractors, and manlifts between all OCTA owned facilities. Currently, Maintenance uses a diesel tow truck to move this type of equipment around. This tow truck requires a qualified automotive mechanic to drive. The new trailer can be towed behind a normal roadcall truck, meaning anybody can tow it.

This trailer will be stored at the Santa Ana bus base with the Automotive Shop.

Select phase of work:

Ongoing Operation

Is this line item rebudgeted?

No

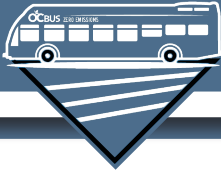
Near Zero Engine Repower

Description:	Near Zero Engine Campaign for 60' Buses			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	2114-9024-D2108-02A	Quantity:	1
Line Item ID:	FY22-01687	Type:	Encumbrance	Unit Cost:	\$1,376,000.00
Manager:	Bill Habibe			Total:	\$1,376,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request.

These engines are intended to replace older engines that are experiencing repetitive failures in the sub fleet of 16, 2016 vintage year 60' articulated buses. The only available engines are rated to 330 HP and are too underpowered to propel the articulated buses. This results in repetitive engine failures during their normal duty cycle.

The replacement engines will be Cummins Near Zero emission engines which are nine times cleaner than the current engine. OCTA has a fleet of 36 articulated buses, 20 of which have been repowered with Near Zero engines already. This project will repower the remaining 16 buses.



Near Zero Engine Repower

Description:	Near Zero Engine Repower for 40' Buses			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	2114-9024-D2108-0PB	Quantity:	1
Line Item ID:	FY22-02582	Type:	Encumbrance	Unit Cost:	\$11,285,959.62
Manager:	Bill Habibe			Total:	\$11,285,960
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request. This item is recommended to develop and evaluate the introduction of the Cummins Near Zero (NZ) engine on the 40' bus segment of the fleet. The NZ is a low Nitrogen Oxide (NOx) Cummins engine that is nine times cleaner than the existing engines. For all engine replacements, there is a Cummins Installation Quality Audit (IQA) required to verify the compatibility of all components and verification of its installation.

The timeline for the engine acquisition, prototyping, and securing of the Cummins Engineering Approval via the IQA usually takes a calendar year. This will serve as the blueprint for a potential future engine replacement program in the 40' segment of the OCTA Fleet for subsequent Fiscal Years.

Select phase of work: Ongoing Operation
Is this line item rebudgeted? No

Transit Security & Operations Center

Description:	Transit Security and Operations Center - Design Services			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0051-9017-D3143-0LG	Quantity:	1
Line Item ID:	FY22-01740	Type:	Encumbrance	Unit Cost:	\$500,000.00
Manager:	George Olivo			Total:	\$500,000
Grant Funded? <input checked="" type="checkbox"/>					

Funding: 0051-6517-00000-000 *Interfund Transfer* 500,000
Total Funded: 500,000

Please provide a complete description of this request. 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.

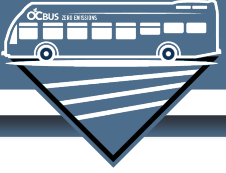
Select phase of work: Engineering
Is this line item rebudgeted? Yes

Transit Technology and Communications Capital

Description:	ITMS Interoperability Gateway Replacements			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	1288-9028-D1111-0WJ	Quantity:	1
Line Item ID:	FY22-02074	Type:	Cash	Unit Cost:	\$90,000.00
Manager:	Michael Beerer			Total:	\$90,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request. Existing Harris Interoperability gateways are end of life and no longer able to be serviced. Replacements are required. Interoperability gateways connect the County of Orange 800MHz CCCS Sherriff communications with our Harris OpenSky radios.

Select phase of work: Ongoing Operation
Is this line item rebudgeted? No



Bus Program

Transit Technology and Communications Capital

Description:	Paratransit All-In-One Combined IVU/MDT/Mobile Router			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	1288-9028-D1111-0WY	Quantity:	1
Line Item ID:	FY22-02088	Type:	Cash	Unit Cost:	\$250,000.00
Manager:	Michael Beerer			Total:	\$250,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request.

Purchase 2 units of the Conduent All-In-One Combined IVU/MDT/Mobilerouter along with some support to configure to operate on Our Intelligent Traffic Management System (ITMS) system. This will not be a Pilot per say but simply to verify operation on our system. OCTA will perform our own Pilot with these two units once operational on our system. This is in leu of \$750,000 Pilot Conduent requested for a 12 vehicle pilot.

Select phase of work:

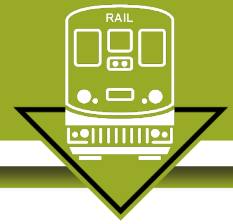
Ongoing Operation

Is this line item rebudgeted?

No

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Rail					
Line Item Controlled Capital					
Org- Key	Department / Fund Name	Obj	Line Item Description	Budget	Page No.
Anaheim Canyon Metrolink Station					
0018	Commuter Rail	9084	Anaheim Canyon Metrolink Station - Construction	1,800,000	28
0018	Commuter Rail	9085	Anaheim Canyon Metrolink Station - Construction Managememe	1,500,000	28
Irvine Station Improvements					
0018	Commuter Rail	9082	Irvine Station Improvements - Utility Relocation	100,000	28
Laguna Niguel to San Juan Capistrano Passing Siding					
0018	Commuter Rail	9082	Laguna Niguel to San Juan Capistrano Passing Siding - Utility R	50,000	29
0018	Commuter Rail	9084	Laguna Niguel to San Juan Capistrano Passing Siding - SCRRRA	550,000	29
0018	Commuter Rail	9084	Laguna Niguel to San Juan Capistrano Passing Siding - Constru	500,000	29
0018	Commuter Rail	9085	Laguna Niguel to San Juan Capistrano Passing Siding - Constru	500,000	30
Miscellaneous Metrolink Rail Station Improvements					
0018	Commuter Rail	9084	Orange County Stations Rehabilitation Project - Construction	100,000	30
0018	Commuter Rail	9084	Laguna Niguel / Mission Viejo Metrolink Station Improvemen	200,000	30
Placentia Metrolink Rail Station					
0018	Commuter Rail	9084	Placentia Metrolink Station - Construction	18,756,000	31
0018	Commuter Rail	9084	Placentia Metrolink Station - BNSF Agreement for Constructio	5,300,000	31
0018	Commuter Rail	9085	Placentia Metrolink Station - Construction Management	1,400,000	31
San Juan Creek Bridge Replacement					
0017	Local Transport Auth Mea	9081	San Juan Creek Bridge Replacement - Right-of-Way Acquisitio	500,000	32
0017	Local Transport Auth Mea	9084	San Juan Creek Bridge Replacement - Utility Relocation Work	500,000	32
Serra Siding Project					
0018	Commuter Rail	9082	Serra Siding - Utility Relocation	600,000	32
Signal Respacing and Control Point					
0018	Commuter Rail	9082	South OC Signal Respacing from CP Avery to CP Songs - Utility	50,000	33
Subtotal Capital - Rail				\$ 32,406,000	



Rail Program

Anaheim Canyon Metrolink Station

Description:	Anaheim Canyon Metrolink Station - Construction			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0018-9084-C5061-TXD	Quantity:	1
Line Item ID:	FY22-02184	Type:	Encumbrance	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 provide a complete description of this request.

Change orders related to the Anaheim Canyon Metrolink station improvement project. The project proposes to construct approximately 3,400 linear feet of new second station track, along with a new 680 foot second platform. Additionally the project will extend the existing platform to meet current Metrolink's standards, including improvements to the existing at-grade crossings, and upgrades to the parking lot to meet Americans with Disabilities Act (ADA) compliance.

Select phase of work: Ongoing Operation
Is this line item rebudgeted? No

Description:	Anaheim Canyon Metrolink Station - Construction Management			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0018-9085-C5061-TXD	Quantity:	1
Line Item ID:	FY22-02181	Type:	Cash	Unit Cost:	\$1,500,000.00
Manager:	Lora Cross			Total:	\$1,500,000
Grant Funded?	<input checked="" type="checkbox"/>				

Funding: 0018-6037-C5061-LJ3 FY 2018 FTA Sec 5307 FLEX (Mega 2) 1,500,000

Total Funded: 1,500,000

Please provide a complete description of this request.

Construction management services for the Anaheim Canyon Metrolink station improvement project. The project proposes to construct approximately 3,400 linear feet of new second station track, along with a new 680 foot second platform. Additionally, the project will extend the existing platform to meet current Metrolink's standards, including improvements to the existing at-grade crossings, and upgrades to the parking lot to meet Americans with Disabilities Act (ADA) compliance.

Select phase of work: Construction
Is this line item rebudgeted? Yes

Irvine Station Improvements

Description:	Irvine Station Improvements - Utility Relocation			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0018-9082-TR215-0SV	Quantity:	1
Line Item ID:	FY22-01899	Type:	Cash	Unit Cost:	\$100,000.00
Manager:	Jason Lee			Total:	\$100,000
Grant Funded?	<input type="checkbox"/>				

Please provide a complete description of this request.

The utility owners will need to relocate their facilities as needed for the Irvine Station improvement project. If the utility facilities cannot be designed to protect in place, agreements will be required with the utility owners to relocate utilities before construction.

Select phase of work: Environmental
Is this line item rebudgeted? 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:	2022	Account:	0018-9082-C5051-TZ2	Quantity:	1
Line Item ID:	FY22-01898	Type:	Cash	Unit Cost:	\$50,000.00
Manager:	Jason Lee			Total:	\$50,000
Grant Funded?	<input type="checkbox"/>				

Please provide a complete description of this request. This item is an estimate of utility relocation costs for the Laguna Niguel - San Juan Capistrano passing siding project.

Select phase of work: Construction

Is this line item rebudgeted? Yes

Description:	Laguna Niguel to San Juan Capistrano Passing Siding - SCRRA Construction Support			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0018-9084-C5051-1J0	Quantity:	1
Line Item ID:	FY22-01908	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) 550,000

Total Funded: 550,000

Please provide a complete description of this request. Request to construct signal and communications systems needed for the Laguna Niguel - San Juan Capistrano (LN-SJC) passing siding project. The project will include adding and removing railroad control points, signal houses, positive train control, and communication systems. The Laguna Niguel - San Juan Capistrano passing siding project proposes the addition of 1.8 miles of new passing siding track adjacent to the existing main track in the City of San Juan Capistrano and the City of Laguna Niguel which will result in reducing congestion and improving reliability. Estimate based on 10% of the contract value for construction changes.

Select phase of work: Construction

Is this line item rebudgeted? Yes

Description:	Laguna Niguel to San Juan Capistrano Passing Siding - Construction			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0018-9084-C5051-TZ2	Quantity:	1
Line Item ID:	FY22-01907	Type:	Encumbrance	Unit Cost:	\$500,000.00
Manager:	Jason Lee			Total:	\$500,000
Grant Funded?	<input checked="" type="checkbox"/>				

Funding: 0018-6037-C5051-LG3 FY 2015 FTA Sec 5307 FLEX (Mega 1) 500,000

Total Funded: 500,000

Please provide a complete description of this request. Construction of the passing siding tracks, retaining walls, bridge, and other aspects of the Laguna Niguel - San Juan Capistrano (LN-SJC) passing siding project. The 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, reprofiling street to improve grades. This will provide construction contingency of approximately 3%.

Select phase of work: Construction

Is this line item rebudgeted? Yes



Rail Program

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:	2022	Account:	0018-9085-C5051-TZ2	Quantity:	1
Line Item ID:	FY22-01913	Type:	Cash	Unit Cost:	\$500,000.00
Manager:	Jason Lee			Total:	\$500,000
Grant Funded?	<input checked="" type="checkbox"/>				

Funding: 0018-6037-C5051-LG3 FY 2015 FTA Sec 5307 FLEX (Mega 1) 500,000
Total Funded: 500,000

Please provide a complete description of this request.

Scope includes management of the construction contract, safety, testing, and other construction management services related to the Laguna Niguel - San Juan Capistrano (LN-SJC) passing siding project. The 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. This is an estimate for the remaining construction management budget and contingency.

Select phase of work: Construction
Is this line item rebudgeted? Yes

Miscellaneous Metrolink Rail Station Improvements

Description:	Orange County Stations Rehabilitation Project - Construction			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0018-9084-C5063-TZR	Quantity:	1
Line Item ID:	FY22-01910	Type:	Encumbrance	Unit Cost:	\$100,000.00
Manager:	Jason Lee			Total:	\$100,000
Grant Funded?	<input checked="" type="checkbox"/>				

Funding: 0018-6031-C5063-MMY FY 2019 FTA Sec 5337 100,000
Total Funded: 100,000

Please provide a complete description of this request.

The scope includes rehabilitation of yellow warning striping, detectable tiles, and other safety and/or Americans with Disabilities Act (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/Mission Viejo. This is an estimate for approximately 10 percent construction contingency.

Select phase of work: Construction
Is this line item rebudgeted? Yes

Description:	Laguna Niguel / Mission Viejo Metrolink Station Improvements - Construction			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0018-9084-C5066-N0H	Quantity:	1
Line Item ID:	FY22-01912	Type:	Encumbrance	Unit Cost:	\$200,000.00
Manager:	Jason Lee			Total:	\$200,000
Grant Funded?	<input type="checkbox"/>				

Please provide a complete description of this request.

Analyze the claim on the Laguna Niguel / Mission Viejo Metrolink station and review potential payment if the case is settled.

Select phase of work: Close-out
Is this line item rebudgeted? Yes



Placentia Metrolink Rail Station

Description:	Placentia Metrolink Station - Construction			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0018-9084-A4472-HH1	Quantity:	1
Line Item ID:	FY22-02183	Type:	Encumbrance	Unit Cost:	\$18,756,000.00
Manager:	Lora Cross			Total:	\$18,756,000
Grant Funded? <input type="checkbox"/>					

Funding: 0018-6521-A4472-HH1 Interfund Transfer 14,300,000
Total Funded: 14,300,000

Please provide a complete description of this request. Budget for construction of the Placentia Metrolink station. This project will provide a Metrolink Station and parking facilities in the City of Placentia for commuter rail passengers, with a goal to meet current transit demand and foster train ridership growth in the region. The project will include a parking structure, an OCTA bus stop, and an area for passenger pick-up and drop-off.

Select phase of work: Construction
Is this line item rebudgeted? Yes

Description:	Placentia Metrolink Station - BNSF Agreement for Construction			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0018-9084-A4472-N1R	Quantity:	1
Line Item ID:	FY22-02182	Type:	Encumbrance	Unit Cost:	\$5,300,000.00
Manager:	Lora Cross			Total:	\$5,300,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request. Agreement with Burlington Northern Santa Fe (BNSF) to install, track, and complete signal work related to the Placentia Metrolink station project. This project will provide a Metrolink Station and parking facilities in the City of Placentia for commuter rail passengers, with the goal to meet current transit demand and foster train ridership growth in the region. The project will include a parking structure, an OCTA bus stop, and an area for passenger pick-up and drop-off.

Select phase of work: Construction
Is this line item rebudgeted? Yes

Description:	Placentia Metrolink Station - Construction Management			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0018-9085-A4472-HH1	Quantity:	1
Line Item ID:	FY22-02180	Type:	Cash	Unit Cost:	\$1,400,000.00
Manager:	Lora Cross			Total:	\$1,400,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request. Construction management services for the Placentia Metrolink station. This project will provide a Metrolink Station and parking facilities in the City of Placentia for commuter rail passengers, with the goal to meet current transit demand and foster train ridership growth in the region. The project will include a parking structure, an OCTA bus stop, and an area for passenger pick-up and drop-off.

Select phase of work: Construction
Is this line item rebudgeted? Yes



Rail Program

San Juan Creek Bridge Replacement

Description:	San Juan Creek Bridge Replacement - Right-of-Way Acquisition Services			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0017-9081-TR022-ODM	Quantity:	1
Line Item ID:	FY22-01918	Type:	Cash	Unit Cost:	\$500,000.00
Manager:	Jason Lee			Total:	\$500,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request.

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.

Select phase of work:

Right-of-Way

Is this line item rebudgeted?

Yes

Description:	San Juan Creek Bridge Replacement - Utility Relocation Work			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0017-9084-TR022-ODM	Quantity:	1
Line Item ID:	FY22-01902	Type:	Cash	Unit Cost:	\$500,000.00
Manager:	Jason Lee			Total:	\$500,000
Grant Funded? <input checked="" type="checkbox"/>					

Funding: 0017-6043-TR022-LI3 FY 2017 FTA Sec 5309 - CA-2017-072

500,000

Total Funded: 500,000

Please provide a complete description of this request.

The scope of work includes utility relocation work for the San Juan Creek Bridge replacement project. The utility owners will need to relocate their facilities as needed. If the utility facilities cannot be protected in place during construction, agreements will be required with the utility owners to relocate utilities during construction.

Select phase of work:

Right of Way

Is this line item rebudgeted?

Yes

Serra Siding Project

Description:	Serra Siding - Utility Relocation			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0018-9082-TR218-OSZ	Quantity:	1
Line Item ID:	FY22-01900	Type:	Cash	Unit Cost:	\$600,000.00
Manager:	Jason Lee			Total:	\$600,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request.

Utility owners will need to relocate their facilities as needed for the Serra Siding project. If the utility facilities cannot be designed to protect utilities in-place, agreements will be required with the owners to relocate utilities. OCTA, in coordination with Metrolink and the cities of Dana Point and San Juan Capistrano will add 1.5 miles of siding railroad track adjacent to the existing mainline railroad track from south of Stonehill Drive to west of the rail crossing at Beach Road.

Select phase of work:

Environmental

Is this line item rebudgeted?

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 Contingency	2,000,000	36
0051	Transit Development Cap	9015	OC Streetcar - Right-of-Way Acquisition	50,000	36
0051	Transit Development Cap	9016	OC Streetcar - Right-of-Way Utility Relocation	5,000,000	36
0051	Transit Development Cap	9017	OC Streetcar Construction Services - P10 CO	2,818,789	36
0051	Transit Development Cap	9017	OC Streetcar Construction Services - P20 CO	566,471	37
0051	Transit Development Cap	9017	OC Streetcar Construction Services - P30 CO	2,523,897	37
0051	Transit Development Cap	9017	OC Streetcar Construction Services - P40 CO	5,780,811	37
0051	Transit Development Cap	9017	OC Streetcar Construction Services - P50 CO	4,025,589	38
0051	Transit Development Cap	9017	OC Streetcar Vehicle - Ticket Vending Machine and Radio Syst	2,386,176	38
0051	Transit Development Cap	9018	OC Streetcar - Construction Management Services	7,100,000	38
0051	Transit Development Cap	9024	OC Streetcar Vehicle - Manufacturing and Delivery	670,000	39
0051	Transit Development Cap	9025	OC Streetcar - Non-Revenue Vehicles	705,741	39
0051	Transit Development Cap	9026	OC Streetcar - Conduent Change Order	250,000	39
0051	Transit Development Cap	9026	OC Streetcar Vehicle - Spare Parts	1,000,000	40
0051	Transit Development Cap	9028	OC Streetcar - Facility IS Projects	365,400	40
Subtotal Capital - OC Streetcar				\$ 35,242,874	



OC Streetcar

OC Streetcar

Description:	OC Streetcar - Right-of-Way Contingency			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0051-9015-TS010-999	Quantity:	1
Line Item ID:	FY22-02207	Type:	Cash	Unit Cost:	\$2,000,000.00
Manager:	Ross Lew			Total:	\$2,000,000
Grant Funded?	<input type="checkbox"/>				

Please provide a complete description of this request.

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.

Select phase of work:

Right-of-Way

Is this line item rebudgeted?

Yes

Description:	OC Streetcar - Right-of-Way Acquisition			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0051-9015-TS010-Z61	Quantity:	1
Line Item ID:	FY22-02206	Type:	Cash	Unit Cost:	\$50,000.00
Manager:	Ross Lew			Total:	\$50,000
Grant Funded?	<input type="checkbox"/>				

Please provide a complete description of this request.

The scope of work includes expenses related to the acquisition of the Maintenance Storage Facility property required for the OC Streetcar project. Cost is expected to be negotiated with the owner of the residential property.

Select phase of work:

Right-of-Way

Is this line item rebudgeted?

Yes

Description:	OC Streetcar - Right-of-Way Utility Relocation			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0051-9016-TS010-Z42	Quantity:	1
Line Item ID:	FY22-02282	Type:	Encumbrance	Unit Cost:	\$5,000,000.00
Manager:	Ross Lew			Total:	\$5,000,000
Grant Funded?	<input type="checkbox"/>				

Please provide a complete description of this request.

Additional cost for Southern California Gas relocation fees

Select phase of work:

Right-of-Way

Is this line item rebudgeted?

Yes

Description:	OC Streetcar Construction Services - P10 CO			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0051-9017-TS010-Z10	Quantity:	1
Line Item ID:	FY22-02211	Type:	Encumbrance	Unit Cost:	\$2,818,789.00
Manager:	Ross Lew			Total:	\$2,818,789
Grant Funded?	<input checked="" type="checkbox"/>				

Funding: 0051-6041-TS010-Z10 FTA Sec 5309 - FFGA - CA-2019-018 1,495,477

Total Funded: 1,495,477

Please provide a complete description of this request.

Additional services for the 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.

Select phase of work:

Construction

Is this line item rebudgeted?

Yes



OC Streetcar

Description:	OC Streetcar Construction Services - P20 CO			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0051-9017-TS010-Z20	Quantity:	1
Line Item ID:	FY22-02212	Type:	Encumbrance	Unit Cost:	\$566,471.00
Manager:	Ross Lew			Total:	\$566,471
Grant Funded?	<input checked="" type="checkbox"/>				

Funding: 0051-6041-TS010-Z20 FTA Sec 5309 - FFGA - CA-2019-018 191,694

Total Funded: 191,694

Please provide a complete description of this request.

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.

Select phase of work:

Construction

Is this line item rebudgeted?

Yes

Description:	OC Streetcar Construction Services - P30 CO			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0051-9017-TS010-Z30	Quantity:	1
Line Item ID:	FY22-02213	Type:	Encumbrance	Unit Cost:	\$2,523,897.00
Manager:	Ross Lew			Total:	\$2,523,897
Grant Funded?	<input checked="" type="checkbox"/>				

Funding: 0051-6041-TS010-Z30 FTA Sec 5309 - FFGA - CA-2019-018 565,353

Total Funded: 565,353

Please provide a complete description of this request.

Additional services for the 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.

Select phase of work:

Construction

Is this line item rebudgeted?

Yes

Description:	OC Streetcar Construction Services - P40 CO			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0051-9017-TS010-Z40	Quantity:	1
Line Item ID:	FY22-02214	Type:	Encumbrance	Unit Cost:	\$5,780,811.00
Manager:	Ross Lew			Total:	\$5,780,811
Grant Funded?	<input checked="" type="checkbox"/>				

Funding: 0051-6041-TS010-Z41 FTA Sec 5309 - FFGA - CA-2019-018 2,691,795

Total Funded: 2,691,795

Please provide a complete description of this request.

Additional services for the 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.

Select phase of work:

Construction

Is this line item rebudgeted?

Yes



OC Streetcar

OC Streetcar

Description:	OC Streetcar Construction Services - P50 CO			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0051-9017-TS010-Z50	Quantity:	1
Line Item ID:	FY22-02215	Type:	Encumbrance	Unit Cost:	\$4,025,589.00
Manager:	Ross Lew			Total:	\$4,025,589
Grant Funded?	<input checked="" type="checkbox"/>				

Funding: 0051-6041-TS010-Z50 FTA Sec 5309 - FFGA - CA-2019-018 2,050,653

Total Funded: 2,050,653

Please provide a complete description of this request.

Additional services for the 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.

Select phase of work:

Construction

Is this line item rebudgeted?

Yes

Description:	OC Streetcar Vehicle - Ticket Vending Machine and Radio System			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0051-9017-TS010-Z56	Quantity:	1
Line Item ID:	FY22-02216	Type:	Encumbrance	Unit Cost:	\$2,386,176.00
Manager:	Cleve Cleveland			Total:	\$2,386,176
Grant Funded?	<input checked="" type="checkbox"/>				

Funding: 0051-6041-TS010-Z50 FTA Sec 5309 - FFGA - CA-2019-018 1,215,529

Total Funded: 1,215,529

Please provide a complete description of this request.

The request 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. This request will also cover owner-supplied vehicle equipment that includes the radio system.

Select phase of work:

Construction

Is this line item rebudgeted?

Yes

Description:	OC Streetcar - Construction Management Services			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0051-9018-TS010-Z84	Quantity:	1
Line Item ID:	FY22-02223	Type:	Cash	Unit Cost:	\$7,100,000.00
Manager:	Ross Lew			Total:	\$7,100,000
Grant Funded?	<input checked="" type="checkbox"/>				

Funding: 0051-6041-TS010-Z80 FTA Sec 5309 - FFGA - CA-2019-018 3,017,110

Total Funded: 3,017,110

Please provide a complete description of this request.

The Construction Management (CM) PGH Wong 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.

Select phase of work:

Construction

Is this line item rebudgeted?

Yes



OC Streetcar

Description:	OC Streetcar Vehicle - Manufacturing and Delivery			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0051-9024-TS010-Z71	Quantity:	1
Line Item ID:	FY22-02217	Type:	Encumbrance	Unit Cost:	\$670,000.00
Manager:	Cleve Cleveland			Total:	\$670,000
Grant Funded?	<input checked="" type="checkbox"/>				

Funding: 0051-6041-TS010-Z70 FTA Sec 5309 - FFGA - CA-2019-018 320,198
Total Funded: 320,198

Please provide a complete description of this request. Request is for the vehicle manufacturing and delivery of eight streetcars, as well as Siemens change orders (final design review), CAD/AVL, and potential storage (3 months plus 2 months at \$40 thousand monthly through January 2022).
Select phase of work: Construction
Is this line item rebudgeted? Yes

Description:	OC Streetcar - Non-Revenue Vehicles			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0051-9025-TS010-Z76	Quantity:	1
Line Item ID:	FY22-02219	Type:	Encumbrance	Unit Cost:	\$705,741.00
Manager:	Cleve Cleveland			Total:	\$705,741
Grant Funded?	<input checked="" type="checkbox"/>				

Funding: 0051-6041-TS010-Z70 FTA Sec 5309 - FFGA - CA-2019-018 337,279
Total Funded: 337,279

Please provide a complete description of this request. Request is for acquisition of specialized non-revenue vehicles required for maintenance of the streetcars.
Select phase of work: Procurement
Is this line item rebudgeted? Yes

Description:	OC Streetcar - Conduent Change Order			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0051-9026-TS010-Z71	Quantity:	1
Line Item ID:	FY22-02218	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-2019-018 119,477
Total Funded: 119,477

Please provide a complete description of this request. Request is for a potential change order for the Conduent Information Technology Managed Services contract.
Select phase of work: Construction
Is this line item rebudgeted? No



OC Streetcar

OC Streetcar

Description:	OC Streetcar Vehicle - Spare Parts			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0051-9026-TS010-Z77	Quantity:	1
Line Item ID:	FY22-02208	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 provide a complete description of this request. Request is for acquisition of spare parts for streetcar vehicles and specialized tools and equipment required for vehicle maintenance.

Select phase of work: Construction

Is this line item rebudgeted? Yes

Description:	OC Streetcar - Facility IS Projects			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0051-9028-TS010-Z55	Quantity:	1
Line Item ID:	FY22-02611	Type:	Cash	Unit Cost:	\$365,400.00
Manager:	Ron Wolf			Total:	\$365,400
Grant Funded?	<input type="checkbox"/>				

Please provide a complete description of this request. The Streetcar Maintenance Facility slated to be online in 2021 will require LAN and WAN communication equipment for operation. Switches, Routers, Gateways to connect to OCTA Network.

This line item will also outfit 2 new conference rooms being planned for construction at the OC Streetcar MSF facility, supply the facility with 1 color copier, provide two software licenses for ITMS (Information Technology Managed Services), and support to install the ITMS Consoles.

Additionally, OCTA needs to receive and store video from onboard vehicle equipment on the OC StreetCar. Video will be stored at the MSF (Maintenance Service Facility). This line item will account for the Server, Storage and software to implement video storage and replay system.

Select phase of work: Ongoing Operations

Is this line item rebudgeted? No

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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	3,000,000	44
0036	91 Express Lanes	9028	Electronic Toll and Traffic Management System	4,800,000	44
I-405 Express Lanes					
405 Express Lanes					
0037	I-405 Express Lane	9015	I-405 Express Lanes - Right-of-Way Capital	14,000,000	45
0037	I-405 Express Lane	9016	I-405 Express Lanes - Right-Of-Way Utilities	4,200,000	45
0037	I-405 Express Lane	9017	I-405 Express Lanes - Project Allotment	4,000,000	45
0037	I-405 Express Lane	9017	I-405 Express Lanes - Cooperative Agreements	1,100,000	46
0037	I-405 Express Lane	9017	I-405 Express Lanes (Cost-To-Cure) - Construction Capital	242,000	46
0037	I-405 Express Lane	9018	I-405 Express Lanes - Construction Management Consultant S	2,250,000	46
0037	I-405 Express Lane	9018	I-405 Express Lanes - Caltrans Cooperative Agreement	1,437,500	47
0037	I-405 Express Lane	9018	I-405 Express Lanes (Cost-To-Cure) - Construction Manageme	50,000	47
0037	I-405 Express Lane	9018	I-405 Express Lanes - Project Management Consultant Suppor	3,600,000	47
0037	I-405 Express Lane	9023	I-405 Express Lanes - Customer Service Center Leasehold Imp	250,000	47
0037	I-405 Express Lane	9023	I-405 Express Lanes - Traffic Operations Center Improvement	50,000	48
0037	I-405 Express Lane	9028	I-405 Express Lanes - Back Office System	8,000,000	48
0037	I-405 Express Lane	9028	I-405 Express Lanes - Toll Lanes System Integrator	5,500,000	48
Subtotal Capital - Express Lanes				\$ 52,479,500	



Express Lanes

91 Express Lanes

91 Express Lanes Capital Expense

Description:	91 Express Lanes Back-Office System			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0036-9028-B0001-1GO	Quantity:	1
Line Item ID:	FY22-02102	Type:	Cash	Unit Cost:	\$3,000,000.00
Manager:	Ellen Lee			Total:	\$3,000,000
Grant Funded?	<input type="checkbox"/>				

Please provide a complete description of this request.

Design, development, and installation of the new 91 Express Lanes Back-Office system. The new back office system will incorporate features that will facilitate transaction management and provide an elevated customer service experience for travelers along all 18 miles of the 91 Express Lanes. Functionalities include operational processing of data for toll and trip calculations, automated replenishment of customer accounts, violations processing, and financial processes and reporting.

Select phase of work:

Construction

Is this line item rebudgeted?

No

Description:	Electronic Toll and Traffic Management System			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0036-9028-B0001-GXM	Quantity:	1
Line Item ID:	FY22-02099	Type:	Cash	Unit Cost:	\$4,800,000.00
Manager:	Ellen Lee			Total:	\$4,800,000
Grant Funded?	<input type="checkbox"/>				

Please provide a complete description of this request.

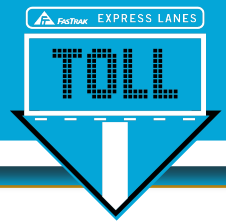
Installation of the 91 Express Lanes Electronic Toll and Traffic Management System, including equipment at the entrances, as well as roadside cameras.

Select phase of work:

Construction

Is this line item rebudgeted?

No



I-405 Express Lanes

405 Express Lanes

Description:	I-405 Express Lanes - Right-of-Way Capital			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0037-9015-A9510-ODW	Quantity:	1
Line Item ID:	FY22-02236	Type:	Cash	Unit Cost:	\$14,000,000.00
Manager:	Dennis Mak			Total:	\$14,000,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request. 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 I-405 Improvement Project. For the current FY request, there are no property acquisitions for land that will be held for resale.

Select phase of work: Right-of-Way
Is this line item rebudgeted? Yes

Description:	I-405 Express Lanes - Right-Of-Way Utilities			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0037-9016-A9510-ODW	Quantity:	1
Line Item ID:	FY22-02260	Type:	Cash	Unit Cost:	\$4,200,000.00
Manager:	Dennis Mak			Total:	\$4,200,000
Grant Funded? <input type="checkbox"/>					

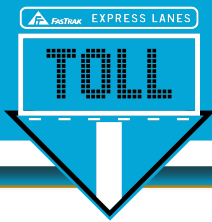
Please provide a complete description of this request. This represents the relocation of multiple utilities for the project prior to, and during, the design and construction phases of work. The budget request is for costs associated with these services for the express lanes portion of the overall project.

Select phase of work: Right-of-Way
Is this line item rebudgeted? No

Description:	I-405 Express Lanes - Project Allotment			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0037-9017-A9510-OGM	Quantity:	1
Line Item ID:	FY22-02156	Type:	Encumbrance	Unit Cost:	\$4,000,000.00
Manager:	Dennis Mak			Total:	\$4,000,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request. This is to support existing agreement C-5-3843 with a contractor 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 express lanes for the I-405 Improvement Project.

Select phase of work: Construction
Is this line item rebudgeted? Yes



Express Lanes

I-405 Express Lanes

405 Express Lanes

Description:	I-405 Express Lanes - Cooperative Agreements			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0037-9017-A9510-012	Quantity:	1
Line Item ID:	FY22-02262	Type:	Cash	Unit Cost:	\$1,100,000.00
Manager:	Dennis Mak			Total:	\$1,100,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request.

Various cooperative agreements with cities, Orange County Flood Control District, California Highway Patrol, and 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 portion. The budget request is for costs associated with these services.

Select phase of work: Construction
Is this line item rebudgeted? Yes

Description:	I-405 Express Lanes (Cost-To-Cure) - Construction Capital			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0037-9017-A9510-0XE	Quantity:	1
Line Item ID:	FY22-02269	Type:	Encumbrance	Unit Cost:	\$242,000.00
Manager:	Dennis Mak			Total:	\$242,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request.

This budget request is for costs associated with the construction of the Cost-To-Cure (in-kind improvement) to the Navy Weapons Station, as part of the express lanes portion of the I-405 Improvement Project.

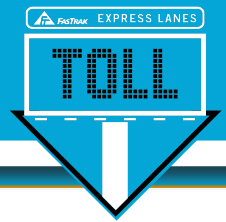
Select phase of work: Construction
Is this line item rebudgeted? No

Description:	I-405 Express Lanes - Construction Management Consultant Services			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0037-9018-A9510-0DY	Quantity:	1
Line Item ID:	FY22-02231	Type:	Cash	Unit Cost:	\$2,250,000.00
Manager:	Dennis Mak			Total:	\$2,250,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request.

This is an existing agreement with a contractor for the I-405 Improvement 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 portion of the I-405 Improvement Project.

Select phase of work: Construction
Is this line item rebudgeted? Yes



I-405 Express Lanes

405 Express Lanes

Description:	I-405 Express Lanes - Caltrans Cooperative Agreement			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0037-9018-A9510-0KM	Quantity:	1
Line Item ID:	FY22-02233	Type:	Cash	Unit Cost:	\$1,437,500.00
Manager:	Dennis Mak			Total:	\$1,437,500
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request. This line item supports the existing Cooperative Agreement C-4-1847 with Caltrans. The work includes construction inspection 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 portion of the I-405 Improvement Project.

Select phase of work: Construction
Is this line item rebudgeted? Yes

Description:	I-405 Express Lanes (Cost-To-Cure) - Construction Management Support Services			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0037-9018-A9510-0XE	Quantity:	1
Line Item ID:	FY22-02271	Type:	Cash	Unit Cost:	\$50,000.00
Manager:	Dennis Mak			Total:	\$50,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request. This budget request is for costs associated with the construction management support services for the Cost-To-Cure (in-kind improvement) of the Navy Weapons Stations, as part of the express lanes portion of the I-405 Improvement Project.

Select phase of work: Construction
Is this line item rebudgeted? No

Description:	I-405 Express Lanes - Project Management Consultant Support Services			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0037-9018-A9510-TZF	Quantity:	1
Line Item ID:	FY22-02224	Type:	Cash	Unit Cost:	\$3,600,000.00
Manager:	Dennis Mak			Total:	\$3,600,000
Grant Funded? <input type="checkbox"/>					

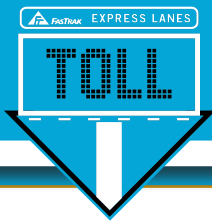
Please provide a complete description of this request. This line item is for existing agreement C-2-1513 with a contractor, for the I-405 Improvement Project. The Program Management Consultant (PMC) shall assist OCTA in providing staff assistance and technical expertise to help manage the project. The consultant shall assist OCTA's Highway Programs Department 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 portion of the overall I-405 Improvement project.

Select phase of work: Construction
Is this line item rebudgeted? Yes

Description:	I-405 Express Lanes - Customer Service Center Leasehold Improvements			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0037-9023-A9510-1IS	Quantity:	1
Line Item ID:	FY22-02258	Type:	Cash	Unit Cost:	\$250,000.00
Manager:	Ellen Lee			Total:	\$250,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request. Leasehold improvements for the 405 Express Lanes Customer Service Center (CSC). This will be a new asset and for the time being OCTA is leasing the CSC.

Select phase of work: Ongoing Operation
Is this line item rebudgeted? No



Express Lanes

I-405 Express Lanes

405 Express Lanes

Description:	I-405 Express Lanes - Traffic Operations Center Improvement			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0037-9023-A9510-X14	Quantity:	1
Line Item ID:	FY22-02128	Type:	Encumbrance	Unit Cost:	\$50,000.00
Manager:	Ellen Lee			Total:	\$50,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request.

In anticipation for any change orders relating to the construction of the 405 Traffic Operations Center (TOC), which will be located at the Santa Ana bus base. This will be a new asset and we are using the Santa Ana bus base for the TOC (financial arrangements still to be made).

Select phase of work:

Construction

Is this line item rebudgeted?

No

Description:	I-405 Express Lanes - Back Office System			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0037-9028-A9510-1GO	Quantity:	1
Line Item ID:	FY22-02131	Type:	Cash	Unit Cost:	\$8,000,000.00
Manager:	Ellen Lee			Total:	\$8,000,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request.

The scope includes the design, 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, violations processing, and financial processes and reporting.

Select phase of work:

Ongoing Operation

Is this line item rebudgeted?

No

Description:	I-405 Express Lanes - Toll Lanes System Integrator			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0037-9028-A9510-GXM	Quantity:	1
Line Item ID:	FY22-02133	Type:	Cash	Unit Cost:	\$5,500,000.00
Manager:	Ellen Lee			Total:	\$5,500,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request.

The design, development, and implementation of the 405 Express Lanes Electronic Toll and Traffic Management system. Amount is based upon the completion of certain milestones of the implementation phase.

Select phase of work:

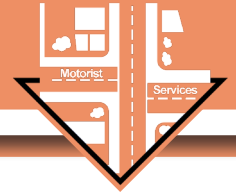
Ongoing Operation

Is this line item rebudgeted?

No

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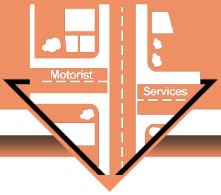
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Motorist Services

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	9028	Freeway Service Patrol Application Development	50,000	52
Subtotal Capital - Motorist Services				\$ 50,000	



Motorist Services

SAFE

Freeway Service Patrol (FSP)

Description:	Freeway Service Patrol Application Development			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	0013-9028-S1002-TC2	Quantity:	1
Line Item ID:	FY22-01697	Type:	Cash	Unit Cost:	\$50,000.00
Manager:	Patrick Sampson			Total:	\$50,000
Grant Funded?	<input type="checkbox"/>				

Please provide a complete description of this request.

This item supports ongoing, as-needed development of the Freeway Service Patrol (FSP) Vehicle Tracking and Data Collection System. 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 where consultant provides OCTA with technological advances and improvements to the LATATrax software application used for the FSP program's vehicle tracking and data collection solution.

Select phase of work:

Ongoing Operation

Is this line item rebudgeted?

No

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Non-Program Specific					
Line Item Controlled Capital					
Org- Key	Department / Fund Name	Obj	Line Item Description	Budget	Page No.
General Fund Administrative Expenses					
1240	Accounting & Financial Rp	9028	SunGard Upgrade	25,000	56
1270	Contracts Admin & Mtls	9028	Annual Support for Financial System	44,000	56
1291	Printing & Reprographics	9026	Printing/Reprographics Machines - Equipment and Maintena	15,375	56
Technical Infrastructure and Business Systems Support					
1284	IS Technical Services	9028	WiFi Hardware Upgrade - Bases	60,000	57
1284	IS Technical Services	9028	Rubrik Backup Appliance Storage	235,000	57
1285	E'prise Comp Solut'n & Su	9028	Human Resources Information System	2,000,000	57
Subtotal Capital - Non-Program Specific				\$ 2,379,375	



Administration

General Fund Administrative Expenses

Description:	SunGard Upgrade			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	1240-9028-IT102-0BG	Quantity:	1
Line Item ID:	FY22-02362	Type:	Software-Other	Unit Cost:	\$25,000.00
Manager:	Benjamin Torres			Total:	\$25,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request.

This budget is needed to correct some issues related to the Accounting System – Finance Enterprise. These issues impact daily operations and services provided to other departments. This budget will allow staff to improve Finance Enterprise to meet organizational needs.

Select phase of work:

Ongoing Operations

Is this line item rebudgeted?

No

Description:	Annual Support for Financial System			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	1270-9028-IT102-F01	Quantity:	1
Line Item ID:	FY22-02639	Type:	Encumbrance	Unit Cost:	\$44,000.00
Manager:	Tom Young			Total:	\$44,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request.

Annual support and maintenance renewal for OCTA's Financial System; Finance Enterprise. The tier 1 financial system is used to capture, manage, and report all OCTA's finances. The system is utilized primarily by the Finance department and has many data interfaces to other tier-1 systems and the data warehouse.

Select phase of work:

Ongoing Operation

Is this line item rebudgeted?

No

Description:	Printing/Reprographics Machines - Equipment and Maintenance			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	1291-9026-A5300-0KV	Quantity:	1
Line Item ID:	FY22-02314	Type:	Cash	Unit Cost:	\$15,375.00
Manager:	Luis Perez			Total:	\$15,375
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request.

Reprographics is looking to add a wide format die-cutting machine to its wide format equipment along with a cold fuse laminator. Reprographics has been receiving several requests for precision decals. With the current equipment on hand (Roland Wide Format printers/cutters) we can only provide certain services because of its limitations and because of that we can't accommodate some of the timeframes requested or the quality of the end-product. With the proposed equipment, Reprographics can accommodate more requests and save the Authority money by bringing them in-house.

Select phase of work:

Ongoing Operations

Is this line item rebudgeted?

No



Technical Infrastructure and Business Systems Support

Description:	WiFi Hardware Upgrade - Bases			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	1284-9028-A5352-0WS	Quantity:	1
Line Item ID:	FY22-02080	Type:	Cash	Unit Cost:	\$60,000.00
Manager:	Michael Beerer			Total:	\$60,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request.

The existing external WiFi at all of our bases is provided March Networks and is seven to nine years old depending on base location. March Networks our current vendor for exterior WiFi service has declared our existing WiFi system End of Life. Due to OCTA cyber security enhancements and the extension of our existing internal WiFi service over the last few years it is more cost effective for OCTA to extend our Internal ARUBA WiFi network to also provide exterior base coverage. This prevents OCTA from having to duplicate already purchased Cyber Security enhancements for this WiFi. OCTA feels it is better and more cost effective to maintain one combined internal / external system WiFi system at all locations. This is for the cost to install WiFi such that we have full exterior coverage in our bus yards for OBVSS, ITMS, Signage, Farebox and many other applications requiring WiFi. Additional this provides for adding Exterior coverage for the OC Streetcar Maintenance Service Facility as well.

Select phase of work: Ongoing Operations
Is this line item rebudgeted? No

Description:	Rubrik Backup Appliance Storage			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	1284-9028-A5352-18P	Quantity:	1
Line Item ID:	FY22-02069	Type:	Cash	Unit Cost:	\$235,000.00
Manager:	Michael Beerer			Total:	\$235,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request.

Staff's Rubrik Backup system requires more storage space. The growth of data storage in our data warehouse and our database infrastructure has outpaced expectations and we are no longer able to keep enough backup data nearline as required by our Continuity of Operations Plan. Additionally, Staff would like to add the ITMS system backups to the Rubrik system.

Select phase of work: Ongoing Operation
Is this line item rebudgeted? No

Description:	Human Resources Information System			Recurring?	<input type="checkbox"/>
FY:	2022	Account:	1285-9028-A5359-0R5	Quantity:	1
Line Item ID:	FY22-02617	Type:	Cash	Unit Cost:	\$2,000,000.00
Manager:	Karen DeCrescenzo			Total:	\$2,000,000
Grant Funded? <input type="checkbox"/>					

Please provide a complete description of this request.

Procure and implement new Human Resources Information System to replace existing Lawson system and consolidate other stand alone systems that support Human Resources Department.

Select phase of work: Procurement
Is this line item rebudgeted? No

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