

YUBA-SUTTER TRANSIT PRELIMINARY SPACE NEEDS PROGRAM

Marysville, CA

February 2025

45 ft transit commuter
35 ft transit coaches
24-25 ft Shuttles
Non Revenue Vehicles
Non Revenue Vehicles
Total Agency Vehicles

17	Diesel / Future ZE
24	Diesel / Future ZE
20	Unleaded / Future ZE
2	Diesel
8	Unleaded
71	

[E] = Enclosed, [O] = Open/Workstation, [A] = Alcove,

[C] = Canopy covered, [X] = Outdoors (exterior)

Space Name	Space Standard		Remarks	Staffing	Qty	Space
	dims	sf				

SUMMARY

SUMMARY - Building spaces

ADMINISTRATION				12		6,569
OPERATIONS / DRIVERS				98		7,679
MAINTENANCE				10		15,120
PARTS STOREROOM				1		5,238
FUEL / WASH / SERVICE				11		7,447

	SUMMARY - Building spaces TOTALS	132		42,053
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SUMMARY - Outdoor spaces

AGENCY VEHICLE PARKING					71	89,000
EMPLOYEE / VISITOR PARKING					121	48,900
OTHER SITE AREAS						4,640

	SUMMARY - Outdoor spaces TOTALS			142,540
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Site Circulation	75%	To be verified during detailed design			106,905
Lanscaping / Site Setback	10%	To be verified during detailed design			14,254
Stormwater Management	25%	To be verified during detailed design			35,635

TOTAL SITE REQUIREMENTS (SF)			334,817
TOTAL SITE REQUIREMENTS (ACRES)			7.69

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Staffing	Qty	Space
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ADMINISTRATION				
Entry Vestibule	E	8 X 7	56	Contain two double doors in a series sized to allow first door to shut prior to second door opening.
Lobby	O	17 X 25	425	Seating for up to 8 and floor space for 2 power chairs. View of Lobby from Office / Counter Assistant position.
Unisex Restroom - Public	E	8 X 8	64	Accessible from customer Lobby.
Administration				Secure access to office suite.
Transit Manager	E	12 X 14	168	Guest seating for up to 2.
Private Restroom	E	8 X 8	64	
Assistant Transit Manager	E	12 X 12	144	
Planning Program Manager	E	12 X 12	144	
Finance Program Manager	E	12 X 14	168	Guest seating for up to 2.
Administrative Suite	O	45 X 38	1,710	
Counter	O	12 X 6	72	
Program Analyst	O	8 X 9	72	
Administrative Assistant	O	8 X 9	72	
Office / Counter Assitant	O	8 X 9	72	
Marketing & Outreach Specialist	O	8 X 9	72	
Current Files	O	10 X 10	100	Stored in file cabinets within Administrative Suite.
Lost & Found Cabinet	E	6 X 6	36	Secure storage for issuing to public
Program Manager (Undefined)	E	12 X 12	144	
IT Specialist	E	15 X 19	285	
Conference Room	E	15 X 20	300	Accommodate up to 15 people. Adjacent to Lobby with access to Administration suite.

	1	56
	1	425
	1	64
1	1	168
	1	64
	1	144
1	1	144
1	1	168
	1	1,710
	1	
2	2	
2	2	
2	2	
1	1	
	1	
	1	
1	1	144
1	1	285
	1	300

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Space Name		Space Standard		Remarks
		dims	sf	
Copy / Work Room	E	10 X 12	120	Multi-function copier and storage cabinets. Centrally located with multiple means of access.
Storage Room	E	12 X 16	192	Administrative storage closet
Archive File Storage	E	15 X 18	270	Records stored in file boxes on shelves. 114 existing, design for 150. Floor space storage of marketing materials, bus stop signs, folding tables, pop-up canopies, etc.
Break Room	O	16 X 18	288	Sink, full fridge, 2 microwaves, coffee maker.
Lactation / Mental Health Room	E	8 X 12	96	Access to sink required
Unisex Restroom	E	8 X 8	64	Serves the Administration Suite.
Custodial	E	10 X 10	100	Mop sink, shelving, storage cabinet.
Telephone / Server / AV Equipment Room	E	15 X 16	240	Dedicated A/C and good air flow. Shared space by Yuba-Sutter Transit and STORER Transit Systems.

Staffing	Qty	Space
	1	120
	1	192
	1	270
	1	288
	1	96
	2	128
	1	100

Subtotal		
Circulation	35%	

		4,866
		1,703

ADMINISTRATION TOTALS		
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12		6,569
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Space Name	Space Standard		Remarks
	dims	sf	

Staffing	Qty	Space
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OPERATIONS / DRIVERS							
Operations							
General Manager	E	12 X 16	192	Guest seating for up to 2 with additional space for up to 4.	1	1	192
Operations Manager	E	12 X 12	144		1	1	144
Office Manager	E	12 X 12	144		1	1	144
Operations Suite	E	26 X 28	728	To include a table to be used as a common work space.			728
Assistant Operations Manager	O	8 X 9	72		1	1	
Safety Manager	O	8 X 9	72		1	1	
Trainer	O	8 X 9	72		1	1	
Road Supervisors	O	8 X 9	72		3	2	
File Storage	O			(2) Four drawer lateral file cabinets stored within Operations Suite		2	
Expansion Office	E	12 X 12	144				
Storage Room	E	9 X 12	108				
Long Term Storage - Large	E	12 X 14	168			1	168
Coin Room	E	10 X 12	120	Secure space for coin counting		1	120
Dispatch							
Entry Vestibule	E	8 X 7	56			1	56
Lobby - Dispatch	E	10 X 10	100	Seating for 2 people. Pre-wire for potential future applications workstation.		1	100
Dispatch Suite	E	24 x 28	672	(2) Dispatchers and (2) Customer Service Representatives per shift.		1	672
Dispatch Window (Dispatcher)	O	6 X 6	36	Min 6 feet between dispatchers.	6	4	
Customer Service Representative	O	6 X 6	36		4	2	
Lost & Found Daily Collect	O	3 X 5	15	Shelving to hold daily containers		1	

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Space Name		Space Standard		Remarks
		dims	sf	
Storage	O	4 X 3	12	Closet for Dispatch storage
Copy / Work Room	E	10 X 12	120	Centrally located with multiple means of access.
Conference - Small	E	10 X 15	150	To accommodate up to 6-8 people. With acoustical moveable wall to combine with Large Conf. Room.
Training / Large Conference Room	E	20 X 15	300	Seat 14-16 w/ train tbl + low credenza. With accordion wall to combine with Small Conf. Room.
Table and Chair Storage	E	6 X 8	48	
Training Storage Closet	E	9 X 12	108	Storage for props, (5) 4'x8' boards, and shelving. Shared with Maintenance.
Driver Areas				
Driver Check-In	O	8 X 14	112	CPU for self check-in 2 people at a time + (1) document board
Driver Mailboxes	O	3 x 10	30	Lockable mailboxes. Fill from front.
Drivers Room	E	20 X 27	540	Tables and chairs, couches to seat 21, (2) lockable wall hung display boards, (7) corkboards, and (70-80) open, cubby style lockers sized to fit motorcycle helmets.
Recreation Area	O	20 X 20	400	(1) Game table
Kitchenette / Vending	A	10 X 35	350	Upper / lower cabs. Single basin sink, (4) microwaves, (2) coffee machine, (4) vending machines, (2) refrigerator, (1) oven with stovetop, ice machine, and dishwasher.
Quiet Room	E	10 X 12	120	(4) Lounge chairs. Accoustically isolate from other areas.
Lactation / Sick Room	E	10 X 10	100	Mini fridge, (1) lounge chair.
Unisex Toilet / Drug Test Room	E	10 X 13	200	(1) Water closet, changing bench

Staffing	Qty	Space
	1	12
	1	120
	1	150
	1	300
	1	112
	1	30
72	1	540
	1	400
	1	350
	1	120
	1	100
	1	200

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Space Name		Space Standard		Remarks	Staffing	Qty	Space
		dims	sf				
Men's Restroom	E	12 X 20	240	(3) WC, (3) Urinals, (3) Lav. Confirm fixture count during detailed design.		1	240
Women's Restroom	E	12 X 20	240	(4) WC, (3) Lav. Confirm fixture count during detailed desging.		1	240
Custodial / Storage	E	10 X 15	150	Mop sink, shelving, storage cabinet		1	150
Mechanical	E		200	Size to be verified during detail design		1	200
Electrical	E		100	Size to be verified during detail design		1	100

Subtotal						5,688
Circulation	35%					1,991

OPERATIONS / DRIVERS TOTALS					91		7,679
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Space Name	Space Standard		Remarks	Staffing	Qty	Space
	dims	sf				

MAINTENANCE

Office Spaces						
Maintenance Manager	E	12 X 14	168	View of shop floor.	1	168
Mechanic Workstation (Mechanics)	O	6 X 12	72	Seats 2 mechanics with 2 CPUs	8	72
Maintenance Break Room	E	16 X 18	288	Seating for up to 6 at tables and chairs, refrigerator, (2) microwaves, plumb water for coffee makers, sink	1	288
Men's Restroom	E	12 x 20	240	2 WC, 2 Urinals, 2 Lavatories, 1 deep basin sink with gooseneck faucet+ Bradley sink.	1	240
Women's Restroom	E		140	2 WC, 2 Lavatories, 1 deep basin sink with gooseneck faucet + Bradley sink.	1	140
Unisex Shower	E		64	Includes changing area.	1	64
Lockers	A		100	Shared by Men and Women Maintenance personnel, bench, (20) half height lockers, and laundry service area with (2) hampers and 4' pole for clean coveralls.	1	100
Maintenance Records	E	10 X 8	80	(105) storage boxes on shelves	1	80
Custodial	E	10 X 10	100	Mop sink, shelving, storage cabinet.	1	100
Shop Spaces						
Lift Bay (45 ft Bus)	O	20 X 60	1,200	Parallelogram or verticle rise lift. Fall protection bean & hoist.	1	1,200
Flat Bay(45 ft Bus)	O	20 X 60	1,200	Portable lifts. Fall protection beam & hoist. Festoon for portable lift cables.	3	3,600
Air Conditioning Bay (45 ft Bus)	O	20 X 60	1,200		1	1,200
Tire Bay / Storage	E	20 X 60	1,200	Acoustically isolated. Storage for bus tires on stackable racks. Not drive through.	1	1,200
Common Work Area	E	25 X 30	750		1	750

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Space Name		Space Standard		Remarks
		dims	sf	
Electronics Shop	E	18 X 30	540	Shop space for electric bus charging cabinet repair. With racking and lift capability for battery pack storage.
Electrician	O	4 X 15	60	
Tool Box Storage	E	25 X 16	400	Enclosed secure area for storage of (10) tool boxes.
Forklift Parking	O	14 X 10	140	
Floor Scrubber Parking	O	6 X 5	30	With charging and hub drain.
Portable Equipment Storage	O	20 X 60	1,200	Portable CG (2), portable differential (1).
Waste Fluid Collection	C	12 X 14	168	WO (1), WC (1).
Battery Room	X	10 X 20	200	Exterior pre-fab haz-mat building. Contain charging and new / used battery storage. (1) pallet each.
Lube / Compressor Room	E	18 X 20	360	Includes bulk fluid distribution for ATF, EC, EO1, and EO2. Accousically isolated.
Mechanical Room	E		200	Size to be verified during detail design
Electrical Room	E		100	Size to be verified during detail design

Staffing	Qty	Space
	1	540
1	1	60
	1	400
	1	140
	1	30
	1	1,200
	1	168
	1	200
	1	360
	1	200
	1	100

Subtotal		
Circulation	20%	

		12,600
		2520

MAINTENANCE TOTALS		
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10		15,120
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	dims	sf	

Staffing	Qty	Space
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PARTS STOREROOM			
Lobby	E	10 X 10	100
Parts Clerk	E	12 X 15	180
Parts Storeroom			1,800
Warranty Storage	O	8 X 30	240
Tool Crib	O		
Shipping and Receiving	O	20 X 20	400
Loading Area	C	30 X 60	1,800
Mezzanine Storage	O		2,000

	1	100
1	1	180
	1	1,800
	1	
	1	
	1	400
	1	1,800
	1	2,000

Subtotal		
Circulation	35%	

		3,880
		1,358

PARTS STOREROOM TOTALS		
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1		5,238
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	dims	sf				

FUEL / WASH / SERVICE						
Fueling						
Fueling Position	C	20 X 55	1,100	2 diesel fueling positions	2	2,200
Vault Pull / Fare Collection	C			At each fueling position		
Utility Workstation	A	6 X 6	36	Workstation for (1) Supervisor and (6) Utility Technicians.	9	72
Central Vacuum	E	10 X 15	150	Sized to use 2 ports simutanously. Vacuum ports at fuel position and in Bus Wash / Detail Clean.	1	150
Unisex Restroom	E	8 X 8	64	If fueling not located near Maintenance Building	1	64
Wash						
Automatic Bus Washer / Detail Clean	E	22 X 65	1,430	Gantry style bus washer	1	1,430
Water Reclaim	E	10 X 20	200		1	200
Bus Detail Lane	C	20 X 65	1,300	At Fuel Positions & in Bus Wash		
Cleaning Storage	E	10 X 10	100		1	100
Chassis Wash	C	20 X 65	1,300	Parallelogram lift. Located outside under canopy.	1	1,300
Chassis Wash Equipment	E			Stored inside Water Reclaim room	1	

Subtotal		5,516
Circulation	35%	1,931

FUEL / WASH / SERVICE TOTALS		11	7,447
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Staffing	Qty	Space
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AGENCY VEHICLE PARKING

Ready Line			Provide solar canopy over all Revenue parking. Provide for charging in parked position for all vehicles.
45 ft transit commuter	14 X 50	700	Added 5ft to vehicle length for circulation around vehicle
35 ft transit coaches	14 X 50	700	Park in space sized for 45 ft bus
24-25 ft Shuttles	14 X 30	420	Added 5 ft to vehicle length for circulation around vehicle
Non Revenue Vehicles	10 X 20	200	
Down Line	12 X 50	600	Sized for 45 ft coaches

	17	11,900
	24	16,800
	20	8,400
	10	2,000
	9	5,400

Subtotal		
Circulation	100%	

		44,500
		44,500

AGENCY VEHICLE PARKING TOTALS		
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80		89,000
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EMPLOYEE / VISITOR PARKING						
Employee Parking			SF shown allows schematic layout of spaces to accommodate ADA and landscape / island requirements			
Administration	10 X 20	200			12	2,400
Operations / Drivers	10 X 20	200	Drivers parking space count = bus qty - spare + 5% for overlap and driver standbys + Ops staff		83	16,600
Maintenance / Parts	10 X 20	200			11	2,200
Fuel / Wash / Service	10 X 20	200			11	2,200
Visitor Parking	10 X 20	200			4	800
Motorcycle Parking	5 X 10	50			4	200
Bike Parking		50	Hold 7 bicycles - shared employee and visitors.		1	50
Subtotal						24,450
Circulation			100%			24,450
EMPLOYEE / VISITOR PARKING TOTALS						48,900

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Staffing	Qty	Space
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OTHER SITE AREAS

Outdoor Break Area	C	30 X 30	900	Canopy covered area with BBQ pit and picnic tables.
Storage Area for Outdoor Break Area	E	10 x 10	100	Storage of BBQ pit and other outdoor supplies.
Above Ground Diesel Tank	X	45 X 10	450	15,000 gallons with secondary containment, adjacent to Fuel Island with no underground fuel piping.
Building Back-Up Generator	X	50 x 15	750	Existing to be relocated to new site.
Future Pre-Comp. Hydrogen Modular Trailers	X	12 x 50	600	Dispenses 350 bars.
Future Hydrogen Electrolizer Modular Trailer	X	12 x 50	600	Makes 350 bars per day.
Future Hydrogen Compressor Yard	X		3,500	
BEB Charge Equipment Yard	X		7,200	
BEB Charging Back-Up Generator	X	50 x 15	750	2 Generators based on full BEB ready fleet.
Dumapter / Waste				
Trash	C	6 X 5	30	4 CY box container
Metals	C	6 X 5	30	4 CY box container
Cardboard	C	6 x 5	30	4 CY box container
Organics	C	6 X 5	30	4 CY box container

	1	900
	1	100
	1	450
	1	750
	1	
	1	
	1	
	2	
	1	30
	1	30
	1	30
	1	30

Subtotal		
Circulation	100%	

		2,320
		2,320

OTHER SITE AREAS TOTALS		
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		4,640
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