



MULTIMODAL TRANSPORTATION PROGRAM PROJECT APPLICATION

Transportation Project Sponsors

1. Project Sponsor (must be a public agency)–REQUIRED

Organization Name:	City of Sandy		
Contact Person Name:	Julie Stephens	Title:	Transit Manager
Street Address:	16610 Champion Way	Phone:	503 489 0925
City, State Zip:	Sandy, OR 97055		
E-mail:	jstephens@cityofsandy.com		

2. Co-Sponsor(s)

List the organization names for any Co-Sponsors of this project:

Transportation Project Information

3. Project Name–REQUIRED

Project Name:

4. Project Budget Summary - This table will automatically fill in.

	Project Funds	% of Project Costs
Total Costs	\$757,500	
Non-Eligible Costs		
Total Transportation Project Cost	\$757,500	100%
Matching Funds	\$100,000	13.2%
Requested Funds	\$657,500	86.8%

5. Provide a brief summary of the project (max 800 characters)–REQUIRED:



MULTIMODAL TRANSPORTATION PROGRAM PROJECT APPLICATION

The Sandy Transit system, operated by the City of Sandy since 2000, is the critical eastern component of the regional transit system, connecting the rural communities of Sandy to Eagle Creek, Estacada and Oregon City to the south; the Mt. Hood Villages to the east; Gresham and Portland to the west. The primary route between Sandy and Gresham is the workhorse and critical link for the system which provides safe, efficient and effective low-cost travel options improving mobility between rural communities and connecting them to the greater Portland metropolitan region.

The system is served by a fleet of eleven vehicles. This project proposes to replace two large transit vehicles on the most heavily traveled route with larger vehicles when the current vehicles have exceeded their useful life.

6. Is this project a continuation of a previous Statewide Transportation Improvement Program (STIP) Project?

- Yes No

If yes, describe the status of the previous STIP project.

7. Does this project complement or enhance an existing or planned STIP project? For example, does it provide a more complete solution for an existing project or is it intended to work with another planned project, including a "Fix-It" STIP project?

- Yes No

If yes, describe the relationship of this proposed project to the other, including planned timing of both projects.

The project preserves transit service which included many previous STIP projects.

8. Project Problem Statement–REQUIRED

Provide a paragraph explaining the problem or transportation need the project will address:

The proposed project will replace two aging vehicles that will have exceeded their useful life having traveled more than 500,000 miles. It will replace vehicles acquired largely with federal earmarks and state funding programs that are no longer available to rural transit agencies for these larger size transit vehicles. Capital expenditures of this size are extremely difficult for small rural agencies to fund locally. The federal replacement program (5339) is under-funded for this category of vehicle and size of capital outlay.

9. Transportation Project Location–REQUIRED

City: <input style="width: 90%;" type="text" value="Sandy"/>	County: <input style="width: 90%;" type="text" value="Clackamas"/>
MPO: <input style="width: 90%;" type="text"/>	Special District: <input style="width: 90%;" type="text"/>



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Project Location Detail: (include as appropriate: road and milepost range, rail line and milepost range, GPS coordinates, bus route and stops, bike path or multipurpose trail locations, sidewalk locations, or other location detail)

Sandy-Gresham SAM Route (see attached Schedule & Route Map)

10. Maps and Plans (Project Site and Vicinity Maps are required for all construction projects. Include other applicable maps or drawings, if available.)

<input checked="" type="radio"/> Attached/Upload <input type="radio"/> Not Applicable	Vicinity Map (8.5x11) (may be inset on site map page)
<input type="radio"/> Attached/Upload <input checked="" type="radio"/> Not Applicable	Site map/air photo (showing existing site) (8.5x11)
<input type="radio"/> Attached/Upload <input checked="" type="radio"/> Not Applicable	Site map (showing proposed construction area clearly marked) (8.5x11)
<input type="radio"/> Attached/Upload <input checked="" type="radio"/> Not Applicable	Typical Cross Section Drawings (showing proposed construction funded by the requested funds clearly marked) (8.5x11)

11. Project Description–REQUIRED

Clearly describe the work to be funded and describe what will be built, any services that will be provided, what equipment will be purchased, or project planning or environmental document efforts that will be paid for with Requested Funds. Include whether [Practical Design](#) considerations have been applied to the proposed project. Identify if the project can be completed in phases, and whether the project or phase will provide a complete, useful product or service. (Maximum 4000 characters)

The proposed project will consist of replacing two transit vehicles used on the Sandy-Gresham SAM Route. These will be ADA accessible 40' low-floor transit vehicles (replacing 35' LF buses) with 38 passenger seats and two wheelchair stations. With 20% increased capacity the new vehicles will be "right sized" and better suited to the future need. These replacements will help keep the fleet in good shape and at a state of repair that is most effective and efficient for the transit system.

12. Primary Project Mode(s)

<input type="checkbox"/> Passenger Rail	<input type="checkbox"/> Light Rail	<input checked="" type="checkbox"/> Bus/Transit
<input type="checkbox"/> Pedestrian	<input type="checkbox"/> Bike	<input type="checkbox"/> Highway/Road
<input type="checkbox"/> Other:		



13. Project Activities

<input type="checkbox"/> Infrastructure Engineering, Design, or Construction	<input type="checkbox"/> Project Planning and Development	<input checked="" type="checkbox"/> Operations/Service Delivery
<input checked="" type="checkbox"/> Capital Equipment Purchases	<input type="checkbox"/> Transportation Demand Management	<input type="checkbox"/> Other

Timetable and Readiness Information

14. Indicate anticipated timing for the following activities, as applicable. Provide a date, if known, or year–REQUIRED.

Anticipated Dates	Activity
2018	Requested STIP Funding Year (e.g. 2016, 2017, 2018) - REQUIRED
	Bid Let Date
	Construction Contract Award
	Construction Complete
2016 (12-24 mo. lead-time)	Capital Equipment Purchase
2018	Operations/Service Begin
2016	Other Major Milestone: Order two (2) replacement transit vehicles
June 2018	Project Completion/End of Activities funded through this request - REQUIRED

15. Is the proposed project consistent with adopted plans? (Plans may include, for example, transportation plans, mode plans such as bike/ped or transit plans, economic development plans, comprehensive plans, corridor plans or facility plans.)–REQUIRED

- Yes No

Describe how the proposed project is consistent with adopted plans. List plans that include the project (with page numbers if possible) or describe how the project meets plan intent. If the project is not consistent, explain how and when plans will be amended to include the project.

The Sandy Transit Master Plan (component of Sandy TSP Update) adopted September 9, 2009 (pgs 2-6 & 7-3) and the Tri-County Coordinated Human Transportation Plan Updated 2012 (pg 2-7) both identify the general public transit route these vehicles operate on as an essential connection in the eastern portion of the regional transit network. This route is the workhorse for the Sandy transit system providing over 216,000 rides and representing 91.6% of the fixed route trips in FY 2012.

16. Is the proposed Transportation Project consistent with Major Improvement Policies including [OTP Strategy 1.1.4](#) and [OHP Action 1G.1](#)?–REQUIRED

- Yes No

Describe how the proposed investment is consistent with OTP Strategy 1.1 and for highway projects, OHP Action 1G.1. If the project corresponds to a later priority in these strategies, describe how higher priority solutions have already been tried or why they are not applicable or not appropriate to the location.

Transit is one of the least-cost modes of adding capacity to existing infrastructure because it consolidates trips into one higher occupant vehicle (HOV). These transit vehicle replacements will improve the operational capacity of the existing transportation infrastructure by further reducing the single occupant vehicles (SOV) traveling on the highly congested US26 corridor. The use of HOVs conserves fuel and vehicle production resources, reducing emissions while providing safe and efficient mobility options.

Replacement of existing transit vehicles preserves the existing transportation system effectively because the newer vehicles offer better fuel efficiency, cleaner emissions and lower maintenance costs than older buses whose maintenance costs increase significantly when the vehicle reaches and exceeds its useful life (500,000 miles).

With ridership growing at 5-6% annually, the replacement vehicles will have 20% added capacity over the vehicles they are slated to replace. Currently ridership hits capacity several times a day and averages 40.6% capacity over all hours of the day.

Project Benefit Information

Questions 17 through 26: Describe how the proposed solution will help achieve the outcomes listed below. Describe the benefits that the proposed solution is expected to achieve and provide documentation of those benefits where available, such as summaries of data analysis or modeling results, or letters of commitment from participants or employers. Where appropriate, also include in the description whether the proposal will mitigate or prevent a negative impact to the desired outcome.

This information and information throughout the application will be used as input to the STIP decision process. It is not expected that every solution will help achieve every benefit. Different types of solutions are likely to have different kinds of benefits and no type of solution or benefit is assumed to be more important than others. Please provide a realistic description of expected benefits of the proposed solution and feel free to use N/A where the benefit or outcome listed does not apply to the proposal.

17. Benefits to State-Owned Facilities

Outcome sought: preserve public investment by maintaining efficient operation of state-owned highways and other facilities through operational improvements, local connectivity, congestion-reducing projects and activities, etc.

For example, will the solution:

- Provide an alternative to travel on state owned facilities?
- Cost less than a state facility improvement with equal benefits?
- Include local efforts to protect the investment such as an Interchange Area Management Plan?
- Plan for or contribute to development of a seamless multimodal transportation system?
- Complete or extend a critical system or modal link?

This project will ensure the continuation of the public transit option between Sandy and Gresham along the heavily used US26 corridor. This route, as part of the regional multimodal transportation system, efficiently provides for over 216,000 annual trips, maximizing the use of the highway, while reducing traffic congestion on a critical state freight corridor.

18. Mobility

Outcome sought: provide mobility for all transportation system users and a balanced, efficient, cost-effective and integrated multimodal transportation system.

For example, will the solution:

- Improve or better integrate passenger or freight facilities and connections, including multimodal connections, to expedite travel and provide travel options?
- Improve or provide a critical link in the transportation system or connection between modes for travelers or goods?

This route is a critical link in the regional transit system, connecting the rural communities of Sandy, Eagle Creek, Estacada and Oregon City to the south; the Mt. Hood Villages to the east; Gresham and Portland to the west. The Sandy Transit system and this route continue to provide safe, efficient and effective low-cost travel options improving mobility between rural communities and connecting them to the greater Portland metropolitan region.

19. Accessibility

Outcome sought: ensure appropriate access to all areas with connectivity among modes and places and enable travelers and shippers to reach and use various modes with ease.

For example, will the solution:

- Improve connections within residential areas and/or to schools, services, transit stops, activity centers and open spaces, such as by filling a gap in bicycle, pedestrian, or transit facilities?
- Improve or expand access to employers, businesses, labor sources, goods or services?
- Plan for or contribute to expanding transportation choices for all Oregonians?

The route these vehicles will preserve is part of a transit network that provides direct access to work, educational opportunities, services, recreational opportunities and activities within the Portland metropolitan region and beyond. All services are ADA accessible and are equipped with bike racks, providing travel options for all Oregonians.

20. Economic Vitality

Outcome sought: expand and diversify Oregon's economy by efficiently transporting people, goods, services and information.

For example, will the solution:

- Support, preserve, or create long-term jobs and capital investment? Will it do so in an economically distressed area?
- Enhance opportunities for tourism and recreation?
- Plan for or contribute to linking workers to jobs?

The transit system supports economic viability by transporting people to jobs, school, services, and activities. It provides 23 direct transit jobs and many indirect jobs in support services. Over 60% of the Sandy Transit passengers are dependent on transit for their transportation and more than 50% are going to work or school. Sandy is the "gateway to Mt. Hood" and is developing a bicycling tourism to match its skiing and river recreational activities.

21. Environmental Stewardship

Outcome sought: provide an environmentally responsible transportation system that does not compromise the ability of future generations to meet their needs and encourage conservation of natural resources.

For example, will the solution:

- Use design, materials or techniques that will more than meet minimum environmental requirements or mitigate an existing environmental problem in the area?
- Help meet air or water quality, energy or natural resource conservation, greenhouse gas reduction or similar goals?
- Plan for or contribute to the use of sustainable energy sources for transportation?

Sandy's transit system contributes to resource conservation by significantly reducing the use of single occupant vehicles. The system saves approximately 2.5 million vehicle miles annually and over 93 thousand gallons of fuel. Newer vehicle technology improves mileage and burns fuel more completely thereby reducing GHG emissions. We have a goal of moving to cleaner fuels as it becomes economically feasible in rural environments.

22. Land Use and Growth Management

Outcome sought: support existing land use plans and encourage development of compact communities and neighborhoods that integrate land uses to help make short trips, transit, walking and biking feasible.

For example, will the solution plan for or contribute to:

- Efficient development and use of land as designated by comprehensive or other land use plans?
- Community revitalization including downtowns, economic centers and main streets?
- Compact urban development and mixed land uses?

This route is along the "main street" of Sandy, making the downtown a vital economic center and connects the Sandy businesses further from the center of town along the US26 corridor, extending accessibility to all Sandy businesses and services. Similarly, the route accesses a core area of Gresham where many businesses, services and housing are directly available.

23. Livability

Outcome sought: promote solutions that fit the community and physical setting, enable healthy communities and serve and respond to the scenic, aesthetic, historic, cultural and environmental resources.

For example, will the solution:

- Enhance or serve unique characteristics of the community?
- Use context sensitive principles in design and minimize impacts on the built and natural environment?
- Encourage a healthy lifestyle and enable active transportation by enhancing biking and walking networks and connections to community destinations or public transit stops or stations?
- Include elements that will make the facility or service more attractive, enjoyable, comfortable or convenient for potential users?

The transit system has significantly improved the livability of Sandy as evidenced by the incredible growth of the city since its inception in 2000 when the population was 5385 to over 9600 currently. Following the City's withdrawal from TriMet in 2000, ridership ballooned with the improved transit service from 12,000 trips per year to an average of over 250,000 annual rides after the first eight years. Per capita ridership rivals that of urban systems because the improved multimodal opportunities are convenient and appealing. The service is a critical link for pedestrians and bicyclists.

24. Safety and Security

Outcome sought: Investment improves the safety and security of the transportation system and takes into account the needs of potential users.

For example, will the solution:

- Improve safety by using designs or techniques that exceed minimum requirements for safety and are likely to reduce the frequency or severity of crashes?
- Help reduce crashes involving vulnerable road users such as bicyclists and pedestrians?
- Improve the ability to respond to an emergency and quickly recover use of the facility or service?

One of the transit system's strongest assets is safety. During thirteen years of service, having provided 175,000 hours of service and nearly 2.5 million trips, we have never had a disabling accident. Operating safe, well-maintained vehicles by competent, well-trained professional staff is crucial to the delivery of safe transportation.

25. Equity

Outcome sought: promote a transportation system with multiple travel choices for potential users and fairly share benefits and burdens among Oregonians.

For example, will the solution:

- Benefit a large segment of the community?
- Benefit one or more transportation disadvantaged populations?
- Improve environmental justice or economic equity of the community or region?

The transit system is available to the public at-large, serving discretionary riders as well as many disadvantaged populations including low-income, elderly, minority, and individuals with disabilities. Several delivery modes exist to make transit available equally to all. As stated previously, transit makes transportation available to over 60% of riders who would have no other transportation option.

26. Funding and Finance

Outcome sought: investment uses funding structures that will support a viable transportation system and are fair and fiscally responsible.

For example, will the solution:

- Have ongoing funding available for operations and maintenance?
- Support the continued use of prior investments or reduce the need for future investments?

Sandy Transit has healthy fiscal practices that have kept its services whole while providing some of the state's lowest transit average cost-per-ride at just over \$4. We have a sound operating and maintenance budget. As stated previously, well maintained equipment and facilities are a high priority.



Budget Information

27. Estimated Project Costs–REQUIRED

List estimated costs for the various activities listed below, as applicable to proposed project. Shaded fields are automatically calculated.

	Enter Values in this Column	Total Column
Project Administration	\$7,500	
Staff Costs (for Service/Educational Projects)		
Project development and PE		
Environmental Work		
Coordination and Outreach		
Leased Space		
Building purchase and/or Right of Way		
Capital Equipment	\$750,000	
Non-Construction Project Costs Total		\$757,500
Utility Relocation		
Construction		
Construction Project Costs Total		
Total Eligible Project Cost		\$757,500
Non-Eligible Costs (other project non-transportation expenditures, e.g. un-reimbursable utilities)		

28. Project Participants and Contributions–REQUIRED

List expected project participants and their contributions in the table below. Begin with the amount contributed by the Sponsor and include contributions from Project Co-Sponsor and other participants, if applicable. Sponsor and participant contributions must add to at least 10.27% of Total Transportation Project Costs. This is the amount of matching funds typically required for most federal funding programs. The specific amount of matching funds required for the proposed project may be more or less than 10.27%, depending on its funding eligibility. Specific match requirements will be determined during application review.



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Participant Role	Participant Name	Project Funds Contribution	Percent of Transportation Project Total Cost
Sponsor	City of Sandy	\$100,000	13%
Co-Sponsor			0%
Participant			0%
Participant			0%
Total		\$100,000	13%

If you have more co-sponsors and participants than lines in the table above, list their names and contribution amounts in the box below and enter the totals of Co-Sponsor and Participant contributions in the appropriate spaces in the table above.



Submittal Approval

29. Project Sponsor Signature Authority Information–REQUIRED

The Authorizing Authority identified below approved the submittal of this application on behalf of the Project Sponsor. Project sponsors other than the Oregon Department of Transportation will be required to sign an Intergovernmental Agreement (IGA) with ODOT prior to receiving any project funds. The IGA with the state will detail the requirements for the use and management of requested funds.

Authorizing Authority Name:

Authorizing Authority Title:

Electronic submittal was approved by the identified authorizing individual. No signature needed if checked.

Signature: Date:

30. Co-Sponsor Signature Authority Information

The signature below demonstrates support of this application on behalf of the Co-Sponsor:

Authorizing Authority Name:

Authorizing Authority Title:

Signature: Date:

If you have more than one Co-Sponsor, list further Co-Sponsors' submittal authority names and titles in the box below and ask those named to provide their signatures and the date signed by their names.

Electronic submittal was approved by the identified authorizing individuals. No signatures needed if checked.

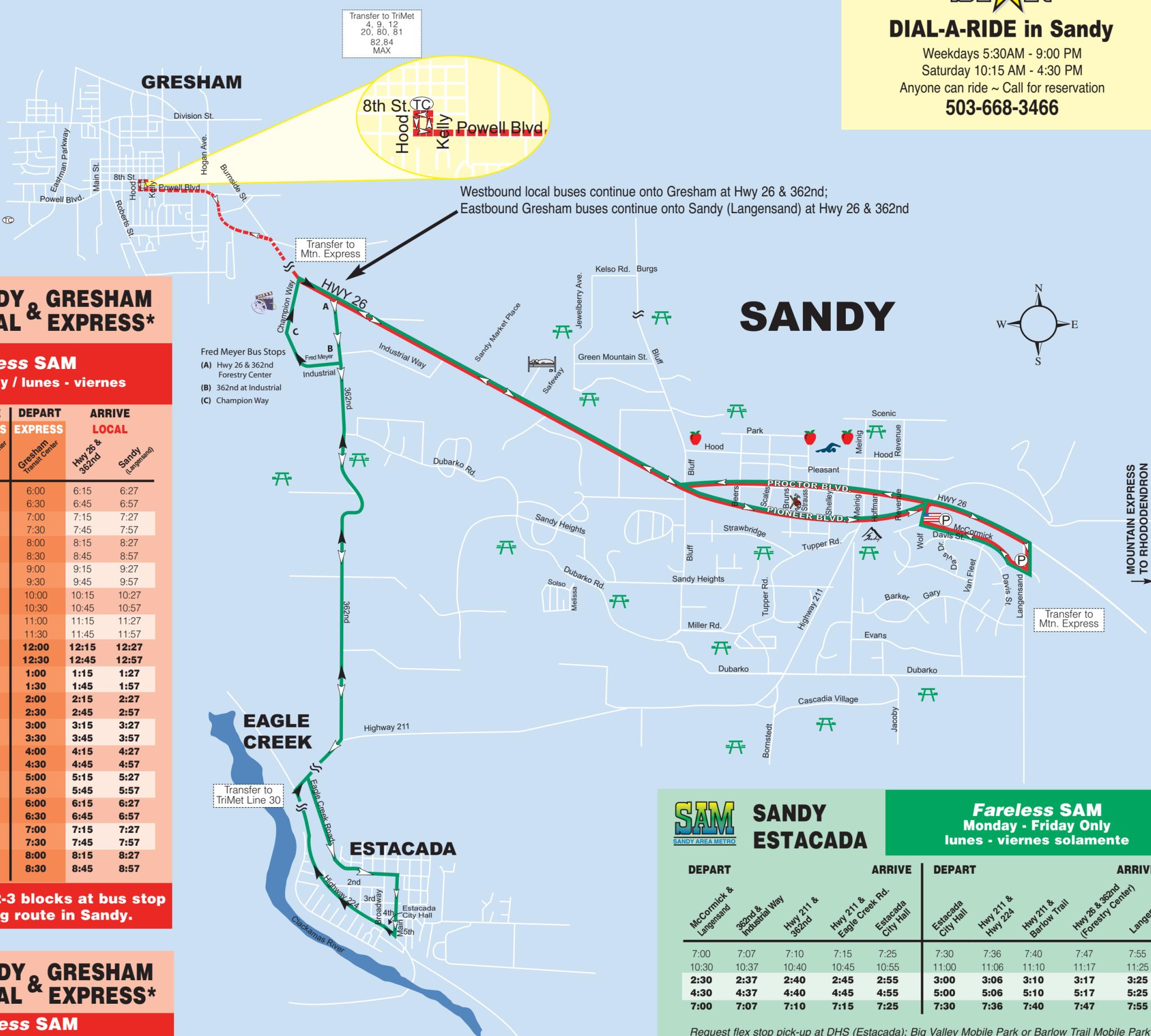


DIAL-A-RIDE in Sandy

Weekdays 5:30AM - 9:00 PM
 Saturday 10:15 AM - 4:30 PM
 Anyone can ride ~ Call for reservation
503-668-3466

- Park & Ride
- Transit Center
- Sandy City Hall
- Fire Department
- School
- Post Office
- Park
- Aquatic Center
- Theater
- Lodging

- SAM Gresham
- SAM Estacada
- Road Break
- Express
- Makes Regular Stops



Transfer to TriMet
 4, 9, 12
 20, 80, 81
 82, 84
 MAX

Westbound local buses continue onto Gresham at Hwy 26 & 362nd;
 Eastbound Gresham buses continue onto Sandy (Langensand) at Hwy 26 & 362nd

Fred Meyer Bus Stops
 (A) Hwy 26 & 362nd
 Forestry Center
 (B) 362nd at Industrial
 (C) Champion Way

Transfer to Mtn. Express

SAM SANDY & GRESHAM LOCAL & EXPRESS*

Fareless SAM Monday - Friday / lunes - viernes

DEPART LOCAL	ARRIVE EXPRESS	DEPART EXPRESS	ARRIVE LOCAL
Sandy (Langensand)	Hwy 26 & 362nd	Gresham Transit Center	Hwy 26 & 362nd
5:25	5:33	5:53	6:00
6:00	6:08	6:28	6:30
6:30	6:38	6:58	7:00
7:00	7:08	7:28	7:30
7:30	7:38	7:58	8:00
8:00	8:08	8:28	8:30
8:30	8:38	8:58	9:00
9:00	9:08	9:28	9:30
9:30	9:38	9:58	10:00
10:00	10:08	10:28	10:30
10:30	10:38	10:58	11:00
11:00	11:08	11:28	11:30
11:30	11:38	11:58	12:00
12:00	12:08	12:28	12:30
12:30	12:38	12:58	1:00
1:00	1:08	1:28	1:30
1:30	1:38	1:58	2:00
2:00	2:08	2:28	2:30
2:30	2:38	2:58	3:00
3:00	3:08	3:28	3:30
3:30	3:38	3:58	4:00
4:00	4:08	4:28	4:30
4:30	4:38	4:58	5:00
5:00	5:08	5:28	5:30
5:30	5:38	5:58	6:00
6:00	6:08	6:28	6:30
6:30	6:38	6:58	7:00
7:00	7:08	7:28	7:30
7:30	7:38	7:58	8:00
8:00	8:08	8:28	8:30

SAM stops every 2-3 blocks at bus stop locations along route in Sandy.

SAM SANDY & GRESHAM LOCAL & EXPRESS*

Fareless SAM SATURDAY / sábado

DEPART LOCAL	ARRIVE EXPRESS	DEPART EXPRESS	ARRIVE LOCAL
Sandy (Langensand)	Hwy 26 & 362nd	Gresham Transit Center	Hwy 26 & 362nd
9:30	9:38	9:58	10:00
10:30	10:38	10:58	11:00
11:30	11:38	11:58	12:00
12:30	12:38	12:58	1:00
1:30	1:38	1:58	2:00
2:30	2:38	2:58	3:00
3:30	3:38	3:58	4:00
4:30	4:38	4:58	5:00
5:30	5:38	5:58	6:00
6:30	6:38	6:58	7:00
7:30	7:38	7:58	8:00
8:30	8:38	8:58	9:00
9:30	9:38	9:58	10:00

SAM stops every 2-3 blocks at bus stop locations along route in Sandy.

***SAM Express Service in Gresham**
 No Local traffic. SAM will allow drop-offs along route in Gresham from origins in Sandy or pick-ups along route in Gresham for Sandy destinations only.

SAM SANDY ESTACADA

Fareless SAM Monday - Friday Only lunes - viernes solamente

DEPART	ARRIVE	DEPART	ARRIVE
McCormick & Langensand	362nd & Industrial Way	Hwy 211 & Hwy 224	Hwy 211 & Barlow Trail
7:00	7:07	7:10	7:15
10:30	10:37	10:40	10:45
2:30	2:37	2:40	2:45
4:30	4:37	4:40	4:45
7:00	7:07	7:10	7:15

Request flex stop pick-up at DHS (Estacada); Big Valley Mobile Park or Barlow Trail Mobile Park (northbound only) at least two hours prior.
 Le recojan una Parada Flexible con dos horas de anticipación a DHS (Estacada); la Big Valley Mobile Park o Barlow Trail Mobile Park (unicamente en la corrida hacia el norte).

SAM stops every 2-3 blocks at bus stop locations along route in town.

SAM does not provide local service in Estacada.

Light print is AM ; Bold print is PM
 Schedule times may vary by as much as five minutes to relieve overcrowding or to adjust to traffic conditions.
NO SERVICE SUNDAY
 and the following Holidays: New Year's, Memorial Day, Independence Day, Labor Day, Thanksgiving and Christmas.
 Letra normal indica AM ; Letra negra indica PM
 El horario puede variar hasta por 5 minutos por los ajustes a las condiciones del trafico.
NO SERVICIO LOS DOMINGOS
 o los siguientes días feriados: el Año Nuevo, el día Memorial, el día de la Independencia, el día de Labor, el día de Acción de Gracias, y la Navidad.