



# **A G E N D A**

## **PLANNING COMMISSION**

Don Daniels • Ryan Pearson • Paul Wagemann  
Phillip Combs • Linn Larsen • Brian Parsons • Robert Estrada

**Wednesday, March 30, 2022 at 6:30 pm (Special Date)**

**Hybrid Virtual Meeting: In-Person and via ZOOM**

**Council Chambers 6000 Main St. SW, Lakewood WA 98499**

**Per the Lakewood City Council, the Planning Commission will meet in a hybrid in-person and virtual format.**

Residents can attend in person at the Lakewood City Council Chambers; they can also attend virtually by watching them live on the City's YouTube channel @ <https://www.youtube.com/user/cityoflakewoodwa> or by calling in to listen by telephone at +1 (253) 215-8782 and by entering meeting ID: 922 3575 2480

**To Submit Public Comment and/or Public Hearing Testimony Prior to Meeting:** Send comments by mail or email to Karen Devereaux, Planning Commission Clerk, at [kdevereaux@cityoflakewood.us](mailto:kdevereaux@cityoflakewood.us) or 6000 Main Street SW Lakewood, WA 98499. Comments received up to one hour before the meeting will be provided to the Planning Commission electronically.

**Live Virtual Public Participation: To provide live virtual Public Comments or Public Hearing Testimony during the meeting, join the Zoom meeting as an attendee by calling by telephone Dial +1(253) 215- 8782 and enter participant ID: 922 3575 2480 or by going online at <https://us06web.zoom.us/j/92235752480>.** Each speaker will be allowed (3) three minutes to speak during the Public comment and during each Public Hearing. Outside of Public Comments and Public Hearings, attendees will not be acknowledged and their microphone will remain muted.

By Phone: For those participating by calling in by phone to testify, the Chair will call on you during the Public Comment and/or Public Hearings portions of the agenda. When you are unmuted, please provide your name and city of residence.

Online: For those using the ZOOM link <https://us06web.zoom.us/j/92235752480> to testify, upon entering the meeting, please enter your name or other chosen identifier. Use the "Raise Hand" feature to be called upon by the Chair during the Public Comments and/or Public Hearings portions of the agenda. When you are unmuted, please provide your name and city of residence.

<b>1.</b>	<b>Call to Order</b>
<b>2.</b>	<b>Roll Call</b>
<b>3.</b>	<b>Approval of Minutes from March 2, 2022</b>
<b>4.</b>	<b>Agenda Updates</b>
<b>5.</b>	<b>Public Comments</b>
<b>6.</b>	<b>Public Hearings</b> <ul style="list-style-type: none"><li>• None</li></ul>
<b>7.</b>	<b>Unfinished Business</b> <ul style="list-style-type: none"><li>• None</li></ul>
<b>8.</b>	<b>New Business</b> <ul style="list-style-type: none"><li>• Review of Proposed Climate Change Implementation Plan per City Council Direction</li></ul>
<b>9.</b>	<b>Reports from Council Liaison, City Staff &amp; Commission Members</b> <ul style="list-style-type: none"><li>• City Council Updates/Actions</li><li>• City Staff Updates</li><li>• Future Agenda Topics</li></ul>

### **Enclosures**

1. Draft Meeting Minutes from March 2, 2022
2. Staff Report: Review of Proposed Climate Change Implementation Plan per City Council Direction

### **Members Only**

Please email [kdevereaux@cityoflakewood.us](mailto:kdevereaux@cityoflakewood.us) or call Karen Devereaux at 253.983.7767 no later than Tuesday, March 29, 2022 at noon if you are unable to attend. Thank you.



**PLANNING COMMISSION  
REGULAR MEETING MINUTES  
March 2, 2022  
Virtual Meeting via ZOOM  
6000 Main Street SW, Lakewood, WA 98499**

**Call to Order**

Mr. Don Daniels, Chair called the ZOOM meeting to order at 6:30 p.m.

**Roll Call**

Planning Commission Members Present: Don Daniels, Chair; Paul Wagemann, Ryan Pearson, Phillip Combs, Brian Parsons, and Linn Larsen

Planning Commission Members Excused: None

Commission Members Absent: None

Staff Present: Tiffany Speir, Long Range & Strategic Planning Manager; Courtney Brunell, Planning Manager; and Karen Devereaux, Administrative Assistant

Council Liaison: Paul Bocchi (present)

**Approval of Minutes**

**The minutes of the meeting held on February 2, 2022 were approved as written by voice vote M/S/C Wagemann/Larsen. The motion carried, 5 - 0.**

**Agenda Updates**

Staff requested that the Title 18A and 18C Parking presentation be moved forward ahead of the Shoreline Master Plan and Restoration Program presentation.

**Public Comments**

This meeting was held virtually to comply with Governor Inslee's Emergency Proclamations 20-28 and its addendums. No public comments were received.

Chair Daniels introduced the newly appointed commissioner, Mr. Robert Estrada, to the group.

**Public Hearings**

None

**Unfinished Business**

None

**New Business**

**LMC Titles 18A and 18C Parking Presentation (2022 Comprehensive Plan Amendment Docket Item 2022-07)**

Ms. Courtney Brunell reviewed amendment 2022-07 Parking Requirements in LMC Chapters 18A.80 (Citywide) and 18.600 (Lakewood Station District Subarea Plan.) Ms. Brunell explained that seeing the practical application of the recently adopted code provisions, the City feels it would be beneficial to revisit our existing standards to affirm the language and evaluate the need for any amendments.

Commissioners reviewed and discussed three examples of new developments exercising these requirements. Staff asked for comments regarding consideration of code amendments to require a set of uncovered or undesignated guest parking spaces for multifamily developments; requirements for direct/integrated pedestrian access between offsite parking locations; and if the Multifamily Parking Standards number of parking spaces per dwelling unit still makes sense.

The commission agreed that a tiered approach with a sliding scale to number of parking spaces would work best.

#### Shoreline Master Plan and Restoration Program Presentation

An annual report is provided by organizations and individuals who have conducted shoreline restoration activities within the City. The commission is to determine whether or not to recommend amendments to the Restoration Plan for Council consideration. Several potential amendments to the Restoration Plan were included in the reviewed memorandum.

The Chambers-Clover Creek Watershed Council presentation was titled *Historic Flows, Flow Problems and Fish Presence in Clover Creek*. Presentations were heard from Al Schmauder Chambers-Clover Creek Watershed Council; Janet Spingath, American Lake Improvement Club & Friends of Waughop Lake; Kim Underwood, Landowner and Concerned Lakewood Citizen living on Clover Creek; and Eric Seibel, Tahoma Audubon Society. Dana Coggon, Director, Pierce Conservation District and Melissa Buckingham, Pierce Conservation District spoke in favor of and offered support to the Restoration Program.

Ms. Speir introduced two proposed amendments to the 2019 Shoreline Restoration Plan then provided an update of ongoing City efforts, including Springbrook Park Clover Creek Restoration; American Lake Park Access Upgrades; Clover Creek Flood Mitigation Alternatives Study; and the Waughop Lake Alum Treatments.

#### **Report from Council Liaison**

Councilmember Mr. Paul Bocchi did not make any updating comments at this meeting.

#### **Reports from Commission Members and Staff**

##### Tillicum Neighborhood Plan Update Status

Ms. Tiffany Speir reviewed the 22 CPA 2022-02: Tillicum Neighborhood Plan and Center of Local Importance. The 2011 plan had 67 implementation strategies a table was used to show the progress being made on the plan. It was explained that the CoLI will be renamed to Center of Municipal Importance (CoMI).

In the next update, Ms. Speir will discuss the potential Tillicum CoLI/CoMI boundary change to reflect existing and planned development patterns as well as the edited language and maps in the Comprehensive Plan re Tillicum Neighborhood & re Tillicum CoMI.

##### Future Planning Commission Agenda Topics

**03/16/2022:** Public Hearing on Shoreline Restoration Plan amendments; Climate Change Implementation Plan Review

**04/06/2022:** Action on Shoreline Restoration Plan amendments; action on Climate Change Implementation Plan; Review of 2022 Comprehensive Plan Amendments and SEPA Analysis for amendments 2022-01, -03, -05, and -06.

**Next Regular Meeting** would be held as a hybrid in-person/remote meeting on March 16, 2022.

**Meeting Adjourned** at 8:18 p.m.

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Don Daniels, Chair  
Planning Commission 03/02/2022

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Karen Devereaux, Recording Secretary  
Planning Commission 03/02/2022



## MEMORANDUM

**TO:** Lakewood Planning Commission

**FROM:** Dave Bugher, Assistant City Manager/Community & Economic Development Director

**MEETING DATE:** March 16, 2022

**SUBJECT:** Three (3)-Year Action Plan on Climate Change, Part 6

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**Introduction:** On January 5, 2022, the planning commission adopted a three-year, climate change work plan. On February 14, 2022, the commission's recommendations were forwarded to the city council for review and consideration. Councilmembers requested that each measure within the work plan be scored for importance and for target metrics and estimated costs to be established. This work has been completed. The commission is requested to review the latest worksheets and attachments, and if desired, make any adjustments to its previous recommendations.

When the comprehensive plan climate change chapter was adopted on July 6, 2021 (Ordinance No. 756), the chapter contained over 89 action items, including sub-tasks. Attachment 1 lists the adopted action items. Recall, the commission began its work in October, 2021, to cull down the list to a more manageable number. The commission completed its assignment and on January 5, 2022, through adoption by minute motion, Attachment 2.

**Establishing Climate Change Metrics:** Metrics can be measured by a percentage, a monetary value, a number, completed/not completed.

Percentage- Using a percentage as the metric for your key result gives you the flexibility of deciding what 20%, 50%, or 100% is. This metric is commonly used for key results where completion seems to be more subjective.

Monetary value- Using a monetary value as the metric for your key result means you are setting a financial objective.

Number- Using a number as the metric for your key result means you are setting a specific numeric objective.

Completed/Not completed- Using completed/not completed as the metric for your key result allows you to focus on your key result as yes or no task. This metric is commonly used for key results where completion seems to be more objective or abstract.

To address the council's inquiry, we used a series of metrics in combination: monetary value; number; difficulty; priority; and timing. Under these categories, were also sub-categories. From these sub-categories a score sheet was developed using numeric ratings. The chart below assigns numbers to the

measurements, with the lower the number, the higher the value. Also, under budget, where consulting services or special studies were required, estimated expenditures were provided.

**Difficulty**

High	1
Medium	2
Low	3

**Priority**

Critical	1
Important	2
Normal	3
Low	4

**Timing**

Not started	1
In process	2
Continual	3
Completed	4

**Budget**

NOT budgeted	1
In budget with new FTE (as part of adopted biennial budget)	2
In budget	3

Total of consulting services budgeted to-date, specific to climate change actions:

GHG forecasting software	\$2,000
Non-motorized transportation plan	\$95,000
Tree preservation code update	\$50,000
Feasibility study to reduce city hall footprint from three floors to two floors.	\$130,000
Document management system	\$300,000
Clover Creek Floodplain Engineering Alternatives Analysis.	\$271,000
<b>Total</b>	<b>\$848,000</b>

Non-budgeted consulting services, minus Nisqually megaproject:

Three corridor plans at \$75,000 each	\$300,000
Urban forestry plan	Costs for services vary from \$80,000 to \$470,000. Estimated no. of trees in Lakewood over 6 inches in diameter, 290,000. Annual operation & maintenance plan, for a city of Lakewood's size, \$500,000.
Monetizing carbon capture and storage	\$50,000
<b>Totals</b>	Low-end, <b>\$430,000</b>

High-end, **\$820,000**

with maintenance costs add another, **\$500,000**

The results of this metric exercises is found on Attachment 3. Attachment 3 was next filtered to determine which projects had the highest level of importance based on the ratings for difficulty, priority, timing, and budget.

Attachment 4 contains this information. The tabulations are quite interesting, and show several surprises. Commissioners may want to examine action items with scores 4 through 7.

**Recommendations:** Review this memorandum; adjust the importance ratings in Attachment 4, if desired; and forward any revised recommendations to the city council.

Enclosures:

Attachment 1 - Approved Climate Change Action Plan Items

Attachment 2 - Lakewood Planning Commission Climate Change Recommended Work Plan

Attachment 3 - Climate Change Metric Analysis

Attachment 4 – Work Plan Action Items Sorted by Level of Importance

**ATTACHMENT 1**  
**Approved Climate Change Action Plan Items**  
July 6, 2021 Adoption, Ordinance No. 756

**PROVIDE LEADERSHIP & ADVOCACY**

1. Develop a five-year plan for reducing greenhouse gas emissions. The action plan shall include five-main topics:
  - Incorporation of an environmental justice assessment into the five (5)-year action plan;
  - A comprehensive greenhouse gas emissions inventory and forecast;
  - Emissions reduction target(s);
  - Carbon sequestration targets; &
  - A program for monitoring and reporting out the implementation tasks found in this document.

Since this is a new program for the city, start with easy-to-accomplish tasks, or easy to-solve problems.

Also, consider the impact of the end-user, recognizing that that the more stringent the implementation targets, the higher the mitigation costs, although delays, in the long-term, result in net increases in mitigation costs. As the city matures in its efforts to address climate change, move forward with more challenging action items.

2. Inform city residents and businesses, the city council, planning commission, staff, and other stakeholders of the city's emission reduction targets and overall progress. Add targets and progress to the Lakewood dashboard.
3. Where feasible, enter into formal interlocal cooperation agreements with utility providers to reduce waste, promote water conservation, and improve energy efficiencies.

4. Collaborate with Pierce Transit, Sound Transit, WSDOT Rail Division, Amtrak and major employers in Lakewood to promote greater transit opportunities and use.
5. Amend/revise the current strategic plan that will help guide and focus city resources and program initiatives to: reduce greenhouse gas production and the carbon footprint of city government and the Lakewood community; and, reduce and minimize the potential risks of climate change.
6. Collaborate with neighboring jurisdictions to share best practices and implement regional programs to help residents and businesses meet regional demand reduction targets.
7. Work with energy providers (Puget Sound Energy, Lakeview Light & Power, and city of Tacoma Power) to develop strategies that will reduce energy demand and promote energy conservation.
8. Collaborate with local workforce development programs so that city of Lakewood can lead Pierce County in green jobs.
9. If warranted, if enabling legislation is in place, and as a means to meet carbon-cutting targets, participate in Washington State's cap-and-trade program. (Program does not go into effect until January 2023, and provided there is a new, approved transportation-spending funding package.)

10. Develop a Request for Proposal whose primary objective is to raise the community's awareness about sources of greenhouse gas emissions and mitigation through climate change action identified in policy documents with the intended result of changing behaviors. Three primary tasks are envisioned: a) Identifying behavior solutions to reducing GHG emissions; b) development and implementation of a community education, engagement and activation guide; and c) development of public facing tools. Project to include an equity screening exercise. Successful engagement with historically under-served groups would be a priority.

#### **IMPROVE CLEAN AND EFFICIENT TRANSPORTATION OPTIONS**

11. Develop fleet electrification plan including necessary charging infrastructure and implement electric first policy when purchasing replacement vehicles and other fuel burning equipment. When electric vehicle options are inappropriate, hybrid vehicles should be the second choice.
12. Work with Clover Park School District to promote an anti-idling program for school buses. Encourage the District to educate parents and transportation providers to avoid idling during pick-up/drop-off times.
13. Continue to collaborate with Pierce Transit, Sound Transit, Washington Department of Transportation (WDOT), and major employers in Lakewood that provide shuttle services, to explore the potential for expanding transit in the evenings for people with special needs. This includes:
  - Exploring the potential to enhance Lakewood's paratransit service.
  - Collaborate with regional transportation agencies to maintain

and enhance service within the city and region.

- Explore strategies to address affordability, access and safety.

14. Coordinate and partner with transit partners to develop an incentives program to expand transit use among residents and employees in Lakewood.

This includes exploring the potential for supporting fare-free transit zones in major commercial areas, free or very low-cost bus passes for target groups, pre-tax passes, rebates to employees who give up use of employer parking facilities, and online tools for providing real time information to transit riders. Expand outreach and information programs to promote transit use.

15. Coordinate with both Pierce Transit and Sound Transit to expand service, increase affordability and accessibility for seniors, youth, and low-income households. Ensure that all transit stations and routes to and from these stations are safe.
16. Coordinate with both Pierce Transit and Sound Transit to ensure public transit service connects major destinations in Lakewood including education institutions, community facilities, employment centers, regional open space areas, and major commercial corridors to serve a greater number of riders and reduce commuter vehicle miles. Encourage development of a bus rapid transit system that connects Downtown Tacoma to Lakewood.
17. Work with both Pierce Transit and Sound Transit to develop a non-motorized connectivity study specific to Lakewood.
18. Update the city's non-motorized transportation plan to make Lakewood a



more pedestrian and bicycle-friendly city. This includes identifying gaps in the network and explore developing potential pedestrian and bicycle priority areas or districts.

19. Collaborate with Pierce County, University Place, the Town of Steilacoom, Tacoma, and WSDOT to ensure links to a regional commuter trail network.
20. As part of the non-motorized transportation plan update, explore bicycle-sharing programs.
21. Encourage new businesses, schools and residential developments, install and maintain secured bicycle parking facilities.
22. As part of the non-motorized transportation plan update, review design guidelines and standards for bicycle and pedestrian facilities and amenities that meet local, state and federal standards. Include a uniform citywide signage plan and comply with all Americans with Disabilities Act (ADA) and Washington State accessibility requirements.
23. As feasible and appropriate, the city shall require new development and redevelopment to provide pedestrian connections and safety improvements to foster use of non-motorized transportation. This includes connections between retail, living, and working places and transit connections and facilities. It includes traffic calming and other safety-related improvements; development of new sidewalks and trails; and new pedestrian and bicycle amenities.
24. Pursue grant funding to plan and construct missing pedestrian and bicycle connections

between major destinations, such as, parks, opens spaces, civic facilities, employment centers, retail, and recreation areas.

25. Coordinate and partner with the Clover Park School District and Safe Routes to Schools to expand educational programs and events to encourage and promote walking and biking, including a Bike to School Day, walking school bus, and sidewalk painting for safe routes.
26. Coordinate with Washington State Department of Transportation, Sound Transit, and Amtrak about adding an Amtrak Cascades stop within the city.
27. Work with Sound Transit to provide for extended hours of operations at the Sound Transit Lakewood Station and to expand the existing parking garage.
28. Work with Sound Transit to require parking permits and associated fees for commuters who use the Lakewood Station parking garage, but who reside outside the Sound Transit district area boundary.
29. Coordinate with Lakewood Chamber of Commerce to inform local employers on the options for and benefits of compressed work weeks, telecommuting, and other schedule adjustments that reduce commute trips.

#### **INCREASE SUSTAINABLE & ENERGY-EFFICIENT SYSTEMS**

30. Encourage and support the generation, transmission and use of locally distributed renewable energy. Advocate at the regional and state level for upgrades to the existing power grid so that it can support renewable energy production and transmission.

31. Evaluate incentives that promote the inclusion of solar power with commercial, industrial, and residential development.
32. Establish a Green Energy and Building Fund to provide incentives to increase building electrification conversions and battery storage.
33. Reduce the City Hall footprint from three floors to two floors.
34. Work with all utility providers to raise awareness about existing rebate and assistance programs that will increase energy conservation.
35. Work with utilities to explore strategies to reduce GHG emissions in multifamily housing.
36. If necessary, consider financially subsidizing the RHSP to promote energy conservation for rental properties. Alternatively, increase rental housing licensing fees.
37. Support the implementation of the Tacoma-Pierce County Solid Waste Management Plan.
38. Develop a comprehensive recycling and composting program for all city-owned facilities.
39. Work with Pierce County Conservation District to provide residential and business education regarding composting and natural yard care.
40. Continue to support neighborhood events such as garage sales and clean-up/recycling events.
41. Support tool libraries, repair cafes, and other collaborative consumption projects.
42. Require that all commercial entities participate in recycling and a green waste program, once established.
43. Implement water conservation efforts for households, businesses, industries and public infrastructure. Include measures such as the following:
  - Enforce the Uniform Plumbing Code (IPC), which requires low-flow appliances and fixtures in all new development;
  - Work with the Lakewood Water District to create an incentives program that encourages retrofitting existing development district-wide with low-flow water fixtures;
  - Require new development and landscaped public areas to use state-of-the-art irrigation systems that reduce water consumption including graywater systems and rainwater catchment; and
  - Encourage use of drought-tolerant and native vegetation.
44. Install hydration stations in all municipal facilities to allow refills of reusable water
45. Require hydration stations all new development that includes private and public parks
46. Establish a trip reduction policy that includes a remote work strategy, and appropriate technology.

47. Conduct a feasibility study on using treated greywater and rainwater harvesting for non-potable water needs at city facilities
48. Work with energy partnerships to develop and implement an electrification action plan for all city facilities. In new and existing buildings, incorporate strategies to address electricity storage, and focus on highlighting any hurdles or solutions that would be applicable to the broader community
49. Develop a city-wide environmentally preferable purchasing policy (EPP). Consider life-cycle costing as one of the decision-making tools in the process and promote purchasing of local products.
50. Replace all non-energy star office equipment and appliances at their end of their life cycle with energy and water efficiency as a primary consideration for all future purchasing decisions.
51. Examine city practices for opportunities to reduce paper consumption in the workplace. Implement a document management information system.

#### **ENCOURAGE SUSTAINABLE DEVELOPMENT**

52. Regularly update the Downtown Subarea Plan and the Lakewood Station District as market conditions and climate conditions change.
53. Develop plans for key commercial corridors in the city to guide redevelopment of these areas into mixed-use, pedestrian and transit-oriented corridors and nodes. Possible corridors include South Tacoma Way, Steilacoom Boulevard SW, Bridgeport Way, and Union Avenue SW. Include

development standards and urban design guidelines.

54. Continue to incentivize mixed-use and infill development (fee waivers, density bonuses, development impact fee, tax benefits, etc.)
55. Continue to expand and enhance open space lands throughout the city through property acquisition.
56. Conduct a sustainability audit that evaluates existing plans, ordinances, and development standards to identify regulatory barriers to infill development.
57. Conduct a feasibility study to determine how best to allow alternative uses and designs within vacant low-density residential areas. Provide outreach in identified neighborhoods.
58. Consider the use of incentives for new construction projects that exceed energy efficiency standards with a focus on affordable and multifamily housing.
59. Using the data from the Carbon Sequestration Analysis, complete an analysis and findings of forested landscapes, ecological function and ecosystem processes, including carbon sequestration, into land use decisions. The city shall keep statistics from each land use decision for a biannual report.
60. Review and if appropriate, update the city's street design standards so that they support public transit, and non-motorized transportation policies. The updated standards should be consistent with and tailored to street or trail function and adjacent land use type.

- Update street design standards based on recommendation from the updated non-motorized transportation plan.
  - Identify on a case-by-case basis priority thoroughfares for developing new green streets in the city to implement a natural systems approach for stormwater management and to expand urban greenery.
61. Evaluate the feasibility of reducing the number or width of travel lanes on future, key mixed-use streets that may have excess capacity and using the capacity and/or regained width for wider sidewalks and bicycle lanes.
  62. Ensure that roadway medians include native plants and trees and are wide enough to support their long-term viability with the least demand for irrigation and maintenance.
  63. Continue to prioritize the use of locally propagated native drought-tolerant vegetation and discourage the use of invasive non-native species in home landscaping.
  64. Develop and promote an urban forest management/master reforestation plan.
  65. Evaluate the feasibility of expanding tree planting within the city, including an evaluation of potential carbon sequestration as well as GHG emissions. Specific task includes:
    - Provide information to the public, including landscape companies, gardeners, and nurseries, on carbon sequestration rates, drought tolerance, and fire resistance of different tree species.
  66. Evaluate the benefits and tradeoffs of regulations that require all-electric buildings. Potential tools to require all-electric buildings include city mandates, building code updates, or ordinances. Ideally, these regulations would cover new construction and major renovations.
  67. Install energy efficient appliances; where appropriate consider the conversion of power to all electricity, and upgrade structures to improve energy conservation.
  68. Beginning in 2021, adopt and enforce the 2018 Washington State Energy Code.
  69. Enforce the 2018 International Building Code, Section 429, Electric Vehicle and Charging Infrastructure. This section includes charging infrastructure for accessible parking spaces.
  70. Develop a new program to encourage the installation of public electric vehicle charging infrastructure in public spaces.
  71. Consider local amendments to the building codes to allow for, encourage, or require integration of passive solar design, green roofs, active solar, and other renewable energy sources.
  72. Support the addition of performance-based alternatives to energy codes and appropriate sections of the building code.
  73. Evaluate the feasibility of incorporating Washington State Department of Commerce Incentivizing Low-impact Development report into the development code and as a resource for developers.

74. Evaluate the feasibility of creating a sustainable site planning score to evaluate a development.

75. Assess opportunities for sustainable Urban Agriculture.

Work with non-profits and regulatory agencies to explore the potential for creating, expanding and sustaining local urban agriculture, including community gardens, orchards and farmers' markets. The assessment should explore the feasibility of implementing the following strategies:

- Developing a site inventory and a management plan to administer the use of potential urban agricultural sites;
- Expanding the number and frequency of farmer's markets throughout Lakewood;
- Promoting urban agriculture as a desirable civic activity that improves the quality of urban life, food security, neighborhood safety and environmental stewardship;
- Establishing a community-based support system for urban growers such as tool banks, shared processing facilities, farmers' markets, community supported agriculture ventures, funding streams and technical service providers;
- Offering locally grown food to local schools, hospitals, nursing homes, food banks, daycare centers, correction facilities and businesses such as restaurants, while creating economic opportunities for urban growers and related industries;
- Creating training programs for unemployed people to work in

urban food-related businesses as a source of jobs;

- Working with representatives of community gardening and urban farming organizations to meet needs unique to urban farm enterprises;
- Ensuring long-term land commitment for community gardens, entrepreneurial farms and other urban agriculture ventures;
- Updating building codes to encourage rooftop gardening.

76. Coordinate with Clover Park School District in developing school-based programs that integrate nutrition and gardening in order to raise awareness about the connection between healthy food choices and locally grown fresh produce and the environmental benefits of urban agriculture.

#### **DEVELOP A HAZARDS MANAGEMENT PLAN (developing a climate-resilient community)**

77. Perform a climate change assessment report for the community's lakes.

78. Develop a community wildfire protection plan using community assistance grants.

79. Review, and as appropriate, update Lakewood Municipal Code based on Community Wildfire Protection Plan recommendations and best management practices.

80. Review, and as appropriate, update Lakewood Municipal Code (LMC) Title 14, Environmental Protections. Title 14 provides regulations for geologic hazard areas, flood hazard areas, and critical lands and natural resources. Climate change

impacts may require that new regulations be inserted into this chapter.

81. Review, and as appropriate update the city's hazard mitigation plan to address climate change.
82. Every two years, or as otherwise dictated by Washington State, update LMC Title 15, Buildings and Construction Codes to address hazards resulting from climate change.
83. Analyze climate risks and benefits of resilience measures to property value and city revenue streams.
84. Map vulnerable community assets and disadvantaged neighborhoods.
85. Include resilience requirements in local building and zoning codes.
86. Communicate climate risks and resilience activities to the public.
87. Engage economic development organizations in city resilience planning efforts.
88. Update city budget process to ensure equitable resource allocation.
89. Address household financial and climate vulnerability in a holistic manner by coordinating complementary programs.

**ATTACHMENT 2**  
**Lakewood Planning Commission Climate Change Recommended Work Plan**  
**January 5, 2022**

No.	Tasks	Progress	Lead Dept.	Secondary Dept.	Frequency	Start Date	End Date
1	Incorporate an environmental justice assessment into the climate change work plan.	Not started	CED	CM	Unique	Aug 22	Dec 22
2	Prepare a comprehensive greenhouse gas emissions inventory and forecast.	Completed/20 & 21	CED	None	Annual	2020	2024
3	Establish emissions reduction goals for Lakewood <sup>1</sup> .	Not started	CED	None	Biennial	2023	2024
4	Develop a public engagement plan for climate change.	In process	CED	COMM	Unique	Dec 2021	Jun 2022
5	Amend/revise the current strategic plan that will help guide and focus city resources and program initiatives to: reduce greenhouse gas production and the carbon footprint of city government and the Lakewood community; and, reduce and minimize the potential risks of climate change.	Not started	CED	CM	Unique	Feb 2022	Jan-25
6	Provide monitoring and implementation reports; add goals/objectives and progress to the existing Lakewood dashboard.	Not started	CED	COMM	Annual	Jan 2022	Dec-24
7	Proactively work with energy providers (Puget Sound Energy, Lakeview Light & Power, and city of Tacoma Power) to market existing energy conservation programs with Lakewood property owners. Where appropriate propose new programs to better fit Lakewood's needs. Consider the use of HUD grants and low-interest loans to complement energy provider conservation programs.	In process	CED	CM, CC	Unique	2023	Unknown
8	Work with Pierce County and Pierce County municipalities to develop a regional approach and best practices to address climate change. One strategy: adopt revised climate change Pierce Countywide Planning Policies.	Not started	CED	CM, CC	Unique	2023	Unknown
9	Update the city's non-motorized transportation plan.	Not started, but soon!	PWE	CED, CM, CC	Unique	Jun 2022	Jun 2023

<sup>1</sup> As of March 9, 2022, the state legislature is considering removing cities and counties from having to perform/meet this requirement.

**ATTACHMENT 2**  
**Lakewood Planning Commission Climate Change Recommended Work Plan**  
**January 5, 2022**

No.	Tasks	Progress	Lead Dept.	Secondary Dept.	Frequency	Start Date	End Date
9a	Identify gaps in the transportation network and explore developing potential pedestrian and bicycle priority areas or districts.	Not started	PWE	CED, CM, CC	Unique	Jun 2022	Jun 2023
9b	Review and if appropriate, update the city's street design standards so that they support public transit, and non-motorized transportation policies. The updated standards should be consistent with and tailored to street or trail function and adjacent land use type.	Not started	PWE	CED, CM, CC	Unique	Jun 2022	Jun 2023
9c	Explore bicycle sharing programs.	Not started	PWE	CED, CM, CC	Unique	Jun 2022	Jun 2023
9d	Evaluate the feasibility of reducing the number or width of travel lanes on future, key mixed-use streets that may have excess capacity and using the capacity and/or regained width for wider sidewalks and bicycle lanes.	Not started	PWE	CED, CM, CC	Unique	Jun 2022	Jun 2023
9e	Pursue grant funding to plan and construct missing pedestrian and bicycle connections between major destinations, such as, parks, opens spaces, civic facilities, employment centers, retail, and recreation areas.	Not started	PWE	CED, CM, CC	Unique	Jun 2022	Jun 2023
10	Develop plans for key commercial corridors in the city to guide redevelopment of these areas into mixed-use, pedestrian and transit-oriented corridors and nodes. Possible corridors include South Tacoma Way, Steilacoom Boulevard SW, Bridgeport Way, and Union Avenue SW. Include development standards and urban design guidelines.	Not started	CED	PWE	Unique	Jan 2024	Dec-24
11	Update/review existing mixed-use and infill development incentives (fee waivers, density bonuses, development impact fee, tax benefits, etc.).	Not started	CED	None	Unique	Jan 23	Ded 23
12	Establish a trip reduction policy that includes a remote work strategy, and appropriate technology. Consider incorporation into the city's land use and development code.	Not started	CED	PWE	Unique	Jan 23	Dec 23



**ATTACHMENT 2**  
**Lakewood Planning Commission Climate Change Recommended Work Plan**  
**January 5, 2022**

No.	Tasks	Progress	Lead Dept.	Secondary Dept.	Frequency	Start Date	End Date
13	Promote/encourage green development standards (e.g., LEED and equivalent, and low impact development) in both public and private development and operations <sup>2</sup> .	"Parking lot"	CED	PWE	Unique	Dec-21	Dec-24
14	Use a supplemental greenhouse gas/climate change impact worksheet of climate change impacts and potential mitigation when conducting an environmental review process under the State Environmental Policy Act <sup>3</sup> .	"Parking lot"	CED	PWE	Unique	Unknown	N/A
15	Review, and as appropriate, update the city's hazard mitigation plan to address climate change.	Monitor	CED	LPD	Biennial	Jan 23	Jan 25
16	Review, and as appropriate, update Lakewood Municipal Code (LMC) Title 14, Environmental Protections. Title 14 provides regulations for geologic hazard areas, flood hazard areas, and critical lands and natural resources. Climate change impacts may require that new regulations be inserted into this chapter.	Not started <sup>4</sup>	CED	PWE	Unique	Jan 24	Jan 24
17	Develop an urban forest management plan.	Not started	CED	PARKS	Unique	Jan 24	Dec 24
18	Hire a consultant to explore ways in which the city and/or property owners can monetize carbon capture and storage.	Not started	CED	PARKS	Unique	Jan 24	Dec 24
19	Established a new climate change chapter to the city's comprehensive plan.	Completed	CED	None	Unique	Oct 19	Jun 21
20	Revise the Lakewood's tree preservation code.	In-Process	CED	None	Unique	Nov 21	Aug 22
21	Regularly update the Downtown Subarea Plan and the Lakewood Station District as market conditions and climate conditions change.	In-Process	CED	None	Biennial	Jan 22	Jul 22

<sup>2</sup> We are aware of six different green energy standards. Before one is recommended for consideration, additional study and review with other building departments is recommended. Further, the state continues to make amendments to building code standards addressing energy conservation. How the state's action align with green energy standards is not clear. This work plan item may have significant economic implications. For these reasons, the 'parking lot' designation was chosen.

<sup>3</sup> Climate change worksheet may require an amendment to the Washington Administrative Code (WAC).

<sup>4</sup> Title 14 amendments may occur in 2022 as part of the tree preservation code update.

**ATTACHMENT 2**  
**Lakewood Planning Commission Climate Change Recommended Work Plan**  
**January 5, 2022**

No.	Tasks	Progress	Lead Dept.	Secondary Dept.	Frequency	Start Date	End Date
22	Enforce the Uniform Plumbing Code (IPC), which requires low-flow appliances and fixtures in all new development.	Continual	CED	None	Biennial	July 22	Jul 24
23	Enforce the 2018 International Building Code, Section 429, Electric Vehicle and Charging Infrastructure. This code section includes charging infrastructure for accessible parking spaces.	Continual	CED	None	Continual	Jan 22	Dec 24
24	Allow "Occupiable Roofs" and "Vegetative and Landscaped Roofs" pursuant to adopted International Building Codes.	Monitor	CED	None	Continual	Jan 22	Dec 24
25	Adopt and enforce the 2018 Washington State Energy Code.	Continual	CED	None	Continual	Jan 22	Dec 24
26	Encourage use of drought-tolerant and native vegetation, and discourage the use of invasive non-native species in home landscaping.	Continual	CED	PARKS	Continual	Jan 22	Dec 24
29	Support the creation of a South Tacoma Way Bus Rapid Transit System (BRT) that connects Downtown Tacoma, Lakewood, and Joint Base Lewis McChord.	Monitor	CED, PWE	CM	Unique	Unknown	Unknown
30	Explore the feasibility of reducing the city hall footprint from three floors to two floors.	In-Process	ADMIN	CED	Unique	Jan 22	Dec 23
31	Continue to support neighborhood events such as clean-up/recycling events.	Continual	CM	CM	Annual	Jan 22	Dec 24
32	Examine city practices for opportunities to reduce paper consumption in the workplace. Implement a document management information system.	In-Process	ADMIN	None	Unique	Jan 21	Dec 24
33	Every two years, or as otherwise dictated by Washington State, update LMC Title 15, Buildings and Construction Codes to address hazards resulting from climate change.	Continual	CED	LPD	Biennial	Jan 22	Mar 23
34	Clover Creek Floodplain Engineering Alternatives Analysis.	In-Process	PWE	CED	Unique	Dec 21	Mar 23

**ATTACHMENT 2**  
**Lakewood Planning Commission Climate Change Recommended Work Plan**  
**January 5, 2022**

No.	Tasks	Progress	Lead Dept.	Secondary Dept.	Frequency	Start Date	End Date
	<i>(Clover Creek has been determined to be a significant flood risk to the Springbrook Neighborhood and Interstate 5 through Lakewood. Clover Creek has had a history of overflowing in the 47th Street vicinity shortly after entering the corporate city limits of Lakewood, but recent creek modeling has revealed a higher degree of flooding than previously envisioned. With longer records of rainfall and stream flow, hydrologic models are better able to predict future flow events. Current predictions of stream flooding expand the areas of flooding substantially. Predicted impacts from global climate changes include more frequent intense storms in the Pacific Northwest which will exacerbate flooding on rivers and streams across the region. Clover Creek is no exception. The City is analyzing potential alternatives designed to reduce or eliminate the current and future flooding from Clover Creek. This work will strengthen the community's resilience in the face of expected climate change impacts.)</i>						
35	Lakewood, as a member of the South Sound Military Communities Partnership SSMCP), advocate at both the state and federal levels, improvements to the I-5 Nisqually Corridor. These improvements, which are estimated at \$4B, would restore impaired ecosystems, and mitigate the flood risk to I-5 future flood events.	In-Process	SSMCP, CED	CM	Unique	20-Jan	Unknown

### ATTACHMENT 3 Climate Change Metric Analysis

	Difficulty			Priority				Timing				Financial Impacts		
Work Plan Topic	High 1	Medium 2	Low 3	Crit 1	Imp 2	Normal 3	Low 4	Progress	Freq	Start Date	Comple- tion Date	Within current City budget	In budget with new FTE <sup>1</sup>	Requires consulting services
Incorporate an environmental justice assessment into the climate change work plan.	X	-	-	-	X	-	-	Not started	Unique	Aug 22	Dec 22	-	X	-
Prepare a comprehensive greenhouse gas emissions inventory and forecast.	-	X	-	X	-	-	-	Completed	Annual	2020	2024	x <sup>2</sup>		\$2,000 annually
Establish emissions reduction goals for Lakewood <sup>3</sup> .	X	-	-	X	-	-	-	Not started	Every 3 years	Aug 22	Aug 23	-	X	-
Develop a public engagement plan for climate change.	X	-	-	X	-	-	-	In process	Unique	Dec 21	Jun 23	X	-	-
Amend/revise the current strategic plan that will help guide and focus city resources and program initiatives to: reduce greenhouse gas production and the carbon footprint of city government and the Lakewood community; and, reduce and minimize the potential risks of climate change.	-	X	-	-	-	X	-	Not started	Unique	Jun 22	Dec 24	X	-	-
Provide monitoring and implementation reports; add goals/objectives and progress to the existing Lakewood dashboard.	-	X	-	-	-	X	-	Not started	Annual	Sep 22	Dec 24	-	X	-
Proactively work with energy providers (Puget Sound Energy, Lakeview Light & Power, and city of Tacoma Power) to market existing energy conservation programs with Lakewood property owners. Where appropriate propose new programs to better fit Lakewood's needs. Consider the use of HUD grants and low-interest loans to complement energy provider conservation programs.	X	-	-	X	-	-	-	Not started	Unique	Jan 23	Unknown	-	X	-

<sup>1</sup> Estimated annual costs, \$136,500.

<sup>2</sup> Current climate change inventory & forecast data need refinement; however currently lack adequate resources.

<sup>3</sup> As of March 9, 2022, the state legislature is considering removing cities and counties from having to perform/meet this requirement.

### ATTACHMENT 3 Climate Change Metric Analysis

	Difficulty			Priority				Timing				Financial Impacts		
Work Plan Topic	High 1	Medium 2	Low 3	Crit 1	Imp 2	Normal 3	Low 4	Progress	Freq	Start Date	Comple- tion Date	Within current City budget	In budget with new FTE <sup>1</sup>	Requires consulting services
Work with Pierce County and Pierce County municipalities to develop a regional approach and best practices to address climate change. One strategy: adopt revised climate change Pierce Countywide Planning Policies.	X	-	-	X	-	-	-	Not started	Unique	Jan 23	Unknown	-	X	-
Update the city's non-motorized transportation plan.	X	-	-	-	X	-	-	Not started	Every 5 years	Jan 22	Feb 23	X	-	\$95,000
Identify gaps in the transportation network and explore developing potential pedestrian and bicycle priority areas or districts.	-	-	-	-	-	-	-	Not started	-	Jan 22	Feb 23	-	-	-
Review and if appropriate, update the city's street design standards so that they support public transit, and non-motorized transportation policies. The updated standards should be consistent with and tailored to street or trail function and adjacent land use type.	-	-	-	-	-	-	-	Not started	-	Jan 22	Feb 23	-	-	-
Explore bicycle sharing programs.	-	-	-	-	-	-	-	Not started	-	Jan 22	Feb 23	-	-	-
Evaluate the feasibility of reducing the number or width of travel lanes on future, key mixed-use streets that may have excess capacity and using the capacity and/or regained width for wider sidewalks and bicycle lanes.	-	-	-	-	-	-	-	Not started	-	Jan 22	Feb 23	-	-	-
Pursue grant funding to plan and construct missing pedestrian and bicycle connections between major destinations, such as, parks, opens spaces, civic facilities, employment centers, retail, and recreation areas.	-	-	-	-	-	-	-	Not started	-	Jan 22	Feb 23	-	-	-

### ATTACHMENT 3 Climate Change Metric Analysis

	Difficulty			Priority				Timing				Financial Impacts		
Work Plan Topic	High 1	Medium 2	Low 3	Crit 1	Imp 2	Normal 3	Low 4	Progress	Freq	Start Date	Comple- tion Date	Within current City budget	In budget with new FTE <sup>1</sup>	Requires consulting services
Develop plans for key commercial corridors in the city to guide redevelopment of these areas into mixed-use, pedestrian and transit-oriented corridors and nodes. Possible corridors include South Tacoma Way, Steilacoom Boulevard SW, Bridgeport Way, and Union Avenue SW. Include development standards and urban design guidelines.	X	-	-	-	X	-	-	Not started	Unique	-	-	-	X	\$75,000 per corridor multiplied by 4, \$300,000
Update/review existing mixed-use and infill development incentives (fee waivers, density bonuses, development impact fee, tax benefits, etc.).	-	X	-	-	-	-	X	Not started	Unique	-	-	-	X	-
Establish a trip reduction policy that includes a remote work strategy, and appropriate technology. Consider incorporation into the city's land use and development code.	X	-	-	-	X	-	-	Not started	Unique	-	-	-	X	-
Promote/encourage green development standards (e.g., LEED and equivalent, and low impact development) in both public and private development and operations.	-	X	-	-	-	-	X	Not started	Unique	-	-	-	X	-
Use a supplemental greenhouse gas/climate change impact worksheet of climate change impacts and potential mitigation when conducting an environmental review process under the State Environmental Policy Act.	-	X	-	-	X	-	-	Not started	Unique	-	-	-	X	-
Review, and as appropriate, update the city's hazard mitigation plan to address climate change.	-	X	-	-	X	-	-	Not started	Unique	-	-	-	X	-

### ATTACHMENT 3 Climate Change Metric Analysis

	Difficulty			Priority				Timing				Financial Impacts		
Work Plan Topic	High 1	Medium 2	Low 3	Crit 1	Imp 2	Normal 3	Low 4	Progress	Freq	Start Date	Comple- tion Date	Within current City budget	In budget with new FTE <sup>1</sup>	Requires consulting services
Review, and as appropriate, update Lakewood Municipal Code (LMC) Title 14, Environmental Protections. Title 14 provides regulations for geologic hazard areas, flood hazard areas, and critical lands and natural resources. Climate change impacts may require that new regulations be inserted into this chapter.	X	-	-	-	-	X	-	Not started	Every 5 years	-	-	-	X	-
Develop an urban forest management plan.	X	-	-	-	-	-	X	Not started	Unique	-	-	-	-	Costs for services vary from \$80,000 to \$470,000. Estimated no. of trees in Lakewood over 6 inches in diameter, 290,000. Annual operation & maintenance plan, for a city of Lakewood's size, \$500,000.
Hire a consultant to explore ways in which the city and/or property owners can monetize carbon capture and storage.	X	-	-	-	-	-	X	Not started	Unique			-	X	\$50,000
Establish (and regularly update) a new climate change chapter to the city's comprehensive plan.	X	-	-	X	-	-	-	Completed	Annual	Jun 21		X	-	-
Revise the Lakewood's tree preservation code.	-	X	-	-	X	-	-	In process	Unique	Dec 21	Aug 22	X	-	\$50,000
Regularly update the Downtown Subarea Plan and the Lakewood Station District as market conditions and climate conditions change.	-	X	-	-	-	X	-	In process	Every 2 years	Dec 21	Jun 22	X	-	-

### ATTACHMENT 3 Climate Change Metric Analysis

	Difficulty			Priority				Timing				Financial Impacts		
Work Plan Topic	High 1	Medium 2	Low 3	Crit 1	Imp 2	Normal 3	Low 4	Progress	Freq	Start Date	Comple- tion Date	Within current City budget	In budget with new FTE <sup>1</sup>	Requires consulting services
Enforce the Uniform Plumbing Code (IPC), which requires low-flow appliances and fixtures in all new development.	-	-	X	-	-	X	-	Completed	Ongoing	-	-	X	-	-
Enforce the 2018 International Building Code, Section 429, Electric Vehicle and Charging Infrastructure. This code section includes charging infrastructure for accessible parking spaces.	-	-	X	-	-	X	-	Completed	Ongoing	-	-	X	-	-
Allow "Occupiable Roofs" and "Vegetative and Landscaped Roofs" pursuant to adopted International Building Codes.	-	-	X	-	-	X	-	Completed	Ongoing	-	-	X	-	-
Adopt and enforce the 2018 Washington State Energy Code.	-	-	X	-	-	X	-	Completed	Ongoing	-	-	X	-	-
Encourage use of drought-tolerant and native vegetation, and discourage the use of invasive non-native species in home landscaping.	-	-	X	-	-	X	-	Completed	Ongoing	-	-	X	-	-
Support the creation of a South Tacoma Way Bus Rapid Transit System (BRT) that connects Downtown Tacoma, Lakewood, and Joint Base Lewis McChord.	-	X	-	-	-	X	-	Not started	Unique	Dec 21	Dec 25	X	-	-
Explore the feasibility of reducing the city hall footprint from three floors to two floors.	-	X	-	-	X	-	-	In process	Unique	Jan 22	Jun 22	X	-	\$100,000 ARPA funds; \$30,000 General Fund; RFP in-process
Continue to support neighborhood events such as clean-up/recycling events.	-	-	X	-	X	-	-	In process	Ongoing	-	-	X	-	-
Examine city practices for opportunities to reduce paper consumption in the workplace. Implement a document management information system.	-	-	X	-	-	X	-	In process	Ongoing	Feb 21	Feb 26	X	-	\$300,000
Every two years, or as otherwise dictated by Washington State, update LMC Title 15, Buildings and Construction Codes to	-	-	X	-	-	X	-	Completed	Ongoing	Dec 2021	Dec 2024	X	-	-



### ATTACHMENT 3 Climate Change Metric Analysis

	Difficulty			Priority				Timing				Financial Impacts		
Work Plan Topic	High 1	Medium 2	Low 3	Crit 1	Imp 2	Normal 3	Low 4	Progress	Freq	Start Date	Comple- tion Date	Within current City budget	In budget with new FTE <sup>1</sup>	Requires consulting services
address hazards resulting from climate change.														
Clover Creek Floodplain Engineering Alternatives Analysis.	X	-	-	X	-	-	-	Not started	Unique	Jan 2022	Feb 2023	X	-	\$271,000
<i>(Clover Creek has been determined to be a significant flood risk to the Springbrook Neighborhood and Interstate 5 through Lakewood. Clover Creek has had a history of overflowing in the 47th Street vicinity shortly after entering the corporate city limits of Lakewood, but recent creek modeling has revealed a higher degree of flooding than previously envisioned. With longer records of rainfall and stream flow, hydrologic models are better able to predict future flow events. Current predictions of stream flooding expand the areas of flooding substantially. Predicted impacts from global climate changes include more frequent intense storms in the Pacific Northwest which will exacerbate flooding on rivers and streams across the region. Clover Creek is no exception. The City is analyzing potential alternatives designed to reduce or eliminate the current and future flooding from Clover Creek. This work will strengthen the community's resilience in the face of expected climate change impacts.)</i>														
Lakewood, as a member of the South Sound Military Communities Partnership SSMCP), advocate at both the state and federal levels, improvements to the I-5 Nisqually Corridor. These improvements would restore impaired ecosystems, and	X	-	-	X	-	-	-	In process	Ongoing			-	-	\$4B

# ATTACHMENT 3

## Climate Change Metric Analysis

	Difficulty			Priority				Timing				Financial Impacts		
Work Plan Topic	High 1	Medium 2	Low 3	Crit 1	Imp 2	Normal 3	Low 4	Progress	Freq	Start Date	Comple- tion Date	Within current City budget	In budget with new FTE <sup>1</sup>	Requires consulting services
mitigate the flood risk to I-5 future flood events.														

# ATTACHMENT 4

## Work Plan Items Sorted by Importance (lower the number the higher the importance)

Work Plan Items	Difficulty	Priority	Timing	Budget	Totals (the lower the no. the higher the level of importance)
Identify gaps in the transportation network and explore developing potential pedestrian and bicycle priority areas or districts.	0	0	0	0	0
Review and if appropriate, update the city's street design standards so that they support public transit, and non-motorized transportation policies. The updated standards should be consistent with and tailored to street or trail function and adjacent land use type.	0	0	0	0	0
Explore bicycle sharing programs.	0	0	0	0	0
Evaluate the feasibility of reducing the number or width of travel lanes on future, key mixed-use streets that may have excess capacity and using the capacity and/or regained width for wider sidewalks and bicycle lanes.	0	0	0	0	0
Pursue grant funding to plan and construct missing pedestrian and bicycle connections between major destinations, such as, parks, open spaces, civic facilities, employment centers, retail, and recreation areas.	0	0	0	0	0
Establish emissions reduction goals for Lakewood.	1	1	1	2	4
Work with Pierce County and Pierce County municipalities to develop a regional approach and best practices to address climate change. One strategy: adopt revised climate change Pierce Countywide Planning Policies.	1	1	1	2	5
Develop plans for key commercial corridors in the city to guide redevelopment of these areas into mixed-use, pedestrian and transit-oriented corridors and nodes. Possible corridors include South Tacoma Way, Steilacoom Boulevard SW, Bridgeport Way, and Union Avenue SW. Include development standards and urban design guidelines.	1	2	1	1	5
Incorporate an environmental justice assessment into the climate change work plan.	1	2	1	2	6

## ATTACHMENT 4

### Work Plan Items Sorted by Importance (lower the number the higher the importance)

Work Plan Items	Difficulty	Priority	Timing	Budget	Totals (the lower the no. the higher the level of importance)
Establish a trip reduction policy that includes a remote work strategy, and appropriate technology. Consider incorporation into the city's land use and development code.	2	1	1	2	6
Promote/encourage green development standards (e.g., LEED and equivalent, and low impact development) in both public and private development and operations.	1	2	1	2	6
Lakewood, as a member of the South Sound Military Communities Partnership SSMCP), advocate at both the state and federal levels, improvements to the I-5 Nisqually Corridor. These improvements would restore impaired ecosystems, and mitigate the flood risk to I-5 future flood events.	1	2	2	1	6
Develop a public engagement plan for climate change.	1	1	2	3	7
Proactively work with energy providers (Puget Sound Energy, Lakeview Light & Power, and city of Tacoma Power) to market existing energy conservation programs with Lakewood property owners. Where appropriate propose new programs to better fit Lakewood's needs. Consider the use of HUD grants and low-interest loans to complement energy provider conservation programs.	1	2	2	2	7
Update/review existing mixed-use and infill development incentives (fee waivers, density bonuses, development impact fee, tax benefits, etc.).	1	3	1	2	7
Use a supplemental greenhouse gas/climate change impact worksheet of climate change impacts and potential mitigation when conducting an environmental review process under the State Environmental Policy Act.	2	2	1	2	7
Review, and as appropriate, update the city's hazard mitigation plan to address climate change.	2	2	1	2	7
Develop an urban forest management plan.	1	4	1	1	7
Revise the Lakewood's tree preservation code.	1	1	2	3	7
Clover Creek Floodplain Engineering Alternatives Analysis.	1	1	2	3	7

## ATTACHMENT 4

### Work Plan Items Sorted by Importance (lower the number the higher the importance)

Work Plan Items	Difficulty	Priority	Timing	Budget	Totals (the lower the no. the higher the level of importance)
Amend/revise the current strategic plan that will help guide and focus city resources and program initiatives to: reduce greenhouse gas production and the carbon footprint of city government and the Lakewood community; and, reduce and minimize the potential risks of climate change.	2	3	1	2	8
Provide monitoring and implementation reports; add goals/objectives and progress to the existing Lakewood dashboard.	2	3	1	2	8
Update the city's non-motorized transportation plan.	2	1	2	3	8
Review, and as appropriate, update Lakewood Municipal Code (LMC) Title 14, Environmental Protections. Title 14 provides regulations for geologic hazard areas, flood hazard areas, and critical lands and natural resources. Climate change impacts may require that new regulations be inserted into this chapter.	2	3	1	2	8
Hire a consultant to explore ways in which the city and/or property owners can monetize carbon capture and storage.	2	3	1	2	8
Regularly update the Downtown Subarea Plan and the Lakewood Station District as market conditions and climate conditions change.	2	2	2	3	9
Explore the feasibility of reducing the city hall footprint from three floors to two floors.	2	2	2	3	9
Examine city practices for opportunities to reduce paper consumption in the workplace. Implement a document management information system.	2	2	2	3	9
Prepare a comprehensive greenhouse gas emissions inventory and forecast.	2	1	4	3	10
Establish (and regularly update) a new climate change chapter to the city's comprehensive plan.	1	2	4	3	10
Support the creation of a South Tacoma Way Bus Rapid Transit System (BRT) that connects Downtown Tacoma, Lakewood, and Joint Base Lewis McChord.	2	3	2	3	10
Adopt and enforce the 2018 Washington State Energy Code.	2	3	3	3	11

## ATTACHMENT 4

### Work Plan Items Sorted by Importance (lower the number the higher the importance)

Work Plan Items	Difficulty	Priority	Timing	Budget	Totals (the lower the no. the higher the level of importance)
Every two years, or as otherwise dictated by Washington State, update LMC Title 15, Buildings and Construction Codes to address hazards resulting from climate change.	2	3	3	3	11
Enforce the Uniform Plumbing Code (IPC), which requires low-flow appliances and fixtures in all new development.	3	3	3	3	12
Enforce the 2018 International Building Code, Section 429, Electric Vehicle and Charging Infrastructure. This code section includes charging infrastructure for accessible parking spaces.	3	3	3	3	12
Continue to support neighborhood events such as clean-up/recycling events.	3	3	3	3	12
Allow "Occupiable Roofs" and "Vegetative and Landscaped Roofs" pursuant to adopted International Building Codes.	3	4	3	3	13
Encourage use of drought-tolerant and native vegetation, and discourage the use of invasive non-native species in home landscaping.	3	4	3	3	13