



APPENDIX E:  
ELK GROVE TRAILS  
MASTER PLAN  
IMPLEMENTATION  
STRATEGIES





Implementation Strategies	Goal: The Elk Grove Trail System provides continuous connections between neighborhoods and destinations and also provides linkages to regional trails.	Goal: The Elk Grove Trail System users find it easy to transfer between transportation modes due to connection support facilities, such as transit stops, park and ride lots, and staging areas.	Goal: The Elk Grove Trail System is attractive and maximizes access to and views of scenic and natural areas. Ample landscaping and amenities, such as public art by local artists, signage, drinking fountains, street furniture, and restrooms, enhance the trail system experience.	Goal: The Elk Grove Trail System accommodates a variety of user groups with varying levels of ability, expertise, and comfort levels.	Goal: The Elk Grove Trail System is safe due to trail design standards, a low frequency of trail user group conflicts, and provisions for security.	Goal: The Elk Grove Trail System is easily navigable due to the provision of direct routes, smooth transitions between trail types, and effective signage and trail demarcation.	Goal: The Elk Grove Trail System is characterized by the use of low maintenance landscaping and construction materials that emphasize environmentally friendly, recycled-content.	Goal: The Elk Grove Trail System users are aware of the opportunities and benefits of the trail system through City education and outreach efforts.	Goal: The City of Elk Grove creates and implements policies, best practices, and programs that support trail system development and usage.	Goal: The City of Elk Grove collaborates with other jurisdictions and regional agencies concerning trail projects and funding.	Goal: The City of Elk Grove ensures adequate staffing and funding to meet trail needs.
<ul style="list-style-type: none"> <li>▪ Adopt a Resolution that adopts the Elk Grove Trails Master Plan and commits the City of Elk Grove to building a continuously connected trail system through pursuing the construction of trails as shown on the EGTMP map.</li> </ul>	X	X	X	X	X	X	X	X	X	X	X
<ul style="list-style-type: none"> <li>▪ Consistently implement all trail standards and apply guidelines for projects with trail components within the City of Elk Grove.</li> </ul>	X	X	X	X	X	X	X	X	X	X	X
<ul style="list-style-type: none"> <li>▪ Continue to review all development projects within 1,000 feet of a trail segment shown on the EGTMP map for opportunities for trail implementation.</li> </ul>	X								X		X
<ul style="list-style-type: none"> <li>▪ Continue and establish trail safety and enforcement programs and publicity efforts. This program could include the institution of a Bicycle Patrol Officer position to help in patrolling trails, promoting safety education, and organizing with schools to build more safe routes.</li> </ul>				X	X			X	X		X
<ul style="list-style-type: none"> <li>▪ Continue and establish trail user safety and education programs and publicity efforts. Programs could be tailored to different venues (e.g. schools, community fairs), audiences (e.g. youth, adults, motorists, et cetera) or different topics (e.g. trail etiquette and regulations, helping kids commute to school using trails, effects of vandalism, interpretation of natural resources).</li> </ul>				X	X			X	X		X
<ul style="list-style-type: none"> <li>▪ Continue direct coordination amongst planning efforts undertaken by City departments that bear relation to trail implementation.</li> </ul>	X								X		X

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<ul style="list-style-type: none"> <li>Continue providing a program through which residents can submit a request for evaluation of crosswalks or intersection improvements at specific locations. Public Works Department staff would evaluate the need for the requested crosswalks, et cetera.</li> </ul>	X			X	X			X	X		X
<ul style="list-style-type: none"> <li>Continue pursuing joint and collaborative efforts with other local and regional jurisdictions/agencies and non-profits regarding trail implementation, funding, and maintenance. Publicity initiatives, safety education programs, and demand reduction programs could also be collaboratively pursued.</li> </ul>	X							X	X	X	X
<ul style="list-style-type: none"> <li>Continue the implementation of Municipal Code Section 23.58.060 that allows for parking space reductions in connection with the provision of bicycle parking facilities, showers, and lockers.</li> </ul>		X							X		X
<ul style="list-style-type: none"> <li>Continue the implementation of Municipal Code Section 23.58.100 that requires the installation of bicycle parking facilities within residential, commercial, industrial, and public development projects.</li> </ul>		X		X					X		X
<ul style="list-style-type: none"> <li>Update and create new funding sources for trail construction and maintenance, including development impact fee programs, park fee programs, landscaping and lighting and other special area and City-wide financing/assessment districts, property taxes and other miscellaneous general fund revenue sources, development agreements, requirements for dedication of land for trails and/or trail construction as a condition of project development approval, and grants. Some funding sources could be pursued collaboratively with other entities.</li> </ul>									X	X	X
<ul style="list-style-type: none"> <li>Continue the practice of including priority trail projects in the updates to the City of Elk Grove Capital Improvements Program.</li> </ul>								X			X

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<ul style="list-style-type: none"> <li>Continue the practice of including trail segments at the subdivision and development agreement stage of the entitlement process.</li> </ul>	X								X		X
<ul style="list-style-type: none"> <li>Continue to dedicate staff time towards the implementation of trail projects. Allocation of staff time across all appropriate departments towards trail related activities should be determined annually as part of developing departmental budgets. Staff time is needed to staff various committees, to shepherd outside agency review of development projects and field their recommended Conditions of Approval, to attend outside agency and regional trail planning collaborative meetings, to research trail funding sources and prepare funding applications, to maintain the City's trail inventory information in GIS, to coordinate volunteer programs, to provide publicity for trail projects/activities, to develop educational materials, to be a point person for maintenance and security concerns, to provide trail security, and to provide regular trail maintenance.</li> </ul>			X						X		X
<ul style="list-style-type: none"> <li>Continue to route development project plans that contain trails to all applicable City Departments, Committees, and Local Agencies for development project Conditions of Approval recommendations.</li> </ul>	X								X		X
<ul style="list-style-type: none"> <li>Continue to install actuated traffic control signals at intersections where there are at-grade trail crossings to reduce trail user delays. Adjust the timing of the traffic control signals to accommodate all trail user groups, including those with disabilities.</li> </ul>	X	X		X	X	X			X		X
<ul style="list-style-type: none"> <li>Assess the implementation steps required to complete each trail segment, including the need for securing easements, the need for land acquisition, how to address site specific constraints and trail crossings, and refine preliminary cost-estimates.</li> </ul>	X								X		X

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<ul style="list-style-type: none"> <li>Consider establishing speed limits for off-street trails.</li> </ul>				<b>X</b>	<b>X</b>				<b>X</b>		<b>X</b>
<ul style="list-style-type: none"> <li>Create and continue to refine a trail maintenance program and schedule. The maintenance program could be translated into a GIS system. The program could also include a means for trail users to quickly and easily notify the City of Elk Grove regarding trail maintenance issues, such as problems with paving/potholes/grates/drainage ditches/manhole covers, lighting, debris build-up, tree-trimming/vegetation control, vandalism, speed bump maintenance, signs, curb cuts and other transitions, paint, and bicycle parking facilities, which could help reduce maintenance response times and potentially other cost savings.</li> </ul>			<b>X</b>	<b>X</b>	<b>X</b>				<b>X</b>		<b>X</b>
<ul style="list-style-type: none"> <li>Develop a map/brochure that highlights all of the existing and proposed public trails within the City of Elk Grove, as well as their connectivity to on-street facilities and trails outside of the Elk Grove city boundaries. Locations of destinations, trailheads, staging areas, and trail amenities, such as restrooms, should also be included. Ensure wide distribution of the map/brochure.</li> </ul>		<b>X</b>				<b>X</b>		<b>X</b>	<b>X</b>		<b>X</b>
<ul style="list-style-type: none"> <li>Initiate a trail education and publicity effort oriented towards City of Elk Grove residents and businesses to highlight trails as a special Elk Grove community feature, to help build a constituency for trail construction, and help increase trail system usage. Special emphasis should be placed on how trail design, location, and usage could contribute toward public health, environmental health, recreational experiences, watershed stewardship, and how trails can be used for transportation to provide an alternative method of getting to destinations, which would result in air quality benefits.</li> </ul>	<b>X</b>							<b>X</b>	<b>X</b>		<b>X</b>

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<ul style="list-style-type: none"> <li>Establish a City of Elk Grove resident and business email notification initiative, wherein residents/businesses can indicate to the City what types of development projects they would like to be notified about, including projects with trail components.</li> </ul>								X	X		X
<ul style="list-style-type: none"> <li>Establish programs that promote volunteer trail maintenance and stewardship, such as Adopt-A-Trail programs and Safe Routes to Schools Programs.</li> </ul>			X					X	X	X	X
<ul style="list-style-type: none"> <li>Establish a process to ensure that the EGTMP is successfully implemented and a process by which to regularly update the Elk Grove Trails Master Plan, including a procedure for updating the goals, trail standards and guidelines, and the priority project list. Ensure that the EGTMP evolves in coordination with General Plan amendments and updates. The Trails Committee has the authority to update Figure 4: Elk Grove Trails Master Plan Map, Figure D-1: Priority Elk Grove Trail Projects, and the list of priority projects by resolution. However, updates to all other aspects of the EGTMP require City Council approval and would be considered amendments.</li> </ul>	X							X	X		X
<ul style="list-style-type: none"> <li>Establish an on-going, annual, and dedicated trail easement acquisition, construction, operation, and maintenance budget.</li> </ul>	X		X						X		X
<ul style="list-style-type: none"> <li>Identify and pursue implementation of three (3) priority grade-separated trail crossings within the City of Elk Grove. Each site should be strategically located so as to facilitate an increase in trail usage and promote safety around school and/or park destinations.</li> </ul>	X					X			X		X
<ul style="list-style-type: none"> <li>Identify and pursue implementation of three (3) priority trail staging area sites within the City of Elk Grove. Each site should be strategically located so as to facilitate an increase in trail usage.</li> </ul>	X	X		X		X			X		X

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<ul style="list-style-type: none"> <li>Include a list of required trail design information to the development project application submittal checklist. Information provided should allow staff to check for project conformance with the trail standards and guidelines contained in the Elk Grove Trails Master Plan.</li> </ul>	X								X		X
<ul style="list-style-type: none"> <li>Include detailed trail construction and maintenance provisions in development project Conditions of Approval. Conditions of Approval shall include a description trail components and address the required timing of trail construction. As a general rule, trails should be completed by the time the development is ready for occupancy unless, on a case-by-case basis, the developer has bonded for the trails or otherwise provided assurances to the satisfaction of the City.</li> </ul>	X								X		X
<ul style="list-style-type: none"> <li>Install bicycle parking facilities at all multi-modal connections, including major bus stops and Elk Grove Park and Ride lots where they are not currently provided.</li> </ul>		X				X			X		X
<ul style="list-style-type: none"> <li>Undertake a needs assessment to determine if and where existing trails could be better served by amenities, such as public art, signage, drinking fountains, street furniture, and restrooms. Pursue a similar needs assessment for proposed trails so that these amenities can be incorporated into development project plans.</li> </ul>		X	X			X			X		X
<ul style="list-style-type: none"> <li>Undertake a needs assessment to identify locations where trails could be retrofitted to increase safety. Focus could be on trails that are narrow relative to the degree of usage, those trails containing a steep slope, those trails that have less visibility due to high walls or fencing, and those trails that would benefit from clearer demarcation.</li> </ul>				X	X	X			X		X

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<ul style="list-style-type: none"> <li>Undertake the development of a trail signage program, including a needs assessment and public process for trail signage aesthetics, design types, content, and placement locations. The signage program could provide regulatory, safety-oriented, behavioral, informational, directional/wayfinding, and educational/interpretive content. The scope of work for the signage program should include the development of a consistent aesthetic, mock-up of signage content, compliance with all signage regulations and design standards, material/construction/installation details, the identification of placement locations and standards for placement locations, high and low cost estimates, and a test fabrication of the preferred signage.</li> </ul>	X			X		X		X	X		X