

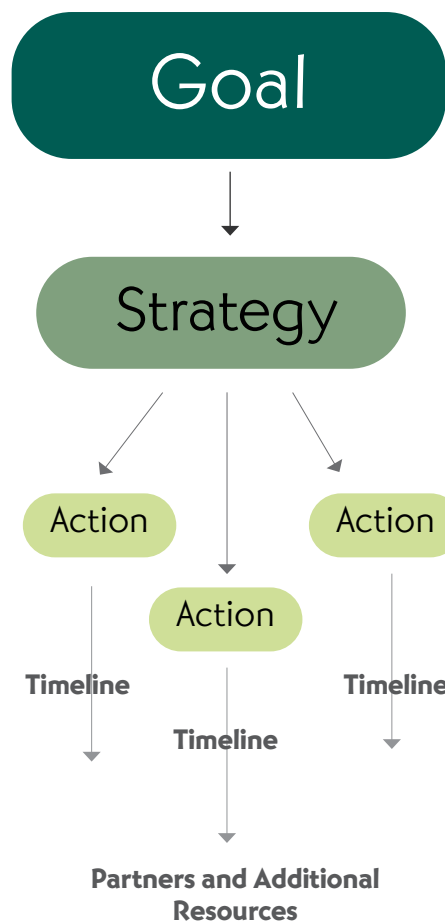
Action Plan

Throughout the remaining years of the project, a significant investment is being made to enhance Deming's community forest through the Southwest New Mexico Community Forestry Network (CFN) project. This *Action Plan* outlines the foundational steps necessary to guide, support, and sustain this effort.

The **Action Plan sets three primary goals that guide a vision of a healthy community forest and organize the work ahead.** Goal 1 sets an overarching goal for the community forest, with strategies that apply broadly across all areas. Goal 2 addresses key historic landscapes in Deming, and caring for and improving these older community forest areas to maintain community character and support economic initiatives. Goal 3 focuses on successful new landscapes, by developing them in a way that enhances the benefits of the community forest for Deming, now and in the future.

Each goal is supported by targeted strategies and actions that work together to help Deming make progress towards this vision. The strategies are further broken down into a series of specific actions with defined timelines for completion, which are outlined in the tables below. Additionally, each goal is presented with a list of potential partner organizations and available supporting resources.

The goals, strategies and actions were informed through engagement with Deming leadership and staff, Luna County leadership and staff, community members, and local experts. The project team also carefully reviewed Deming's available planning resources including the 2020 Comprehensive Plan and others. The results of this engagement and the analyses that informed the recommendations featured in the *Action Plan* are discussed in the previous section, *The Basis for the Plan*.



Goals are the foundation for any Strategic Plan. They are a collective vision for the city to aspire to. They organize strategies and actions to help fully realize the plan.

Strategies are measurable approaches of "how" to achieve a given goal.

Actions are individual steps or sets of steps to be taken to support a strategic approach to achieving the goal.

Timeline proposes a time frame for an action. This plan proposes Short Term actions (1-2 years), Mid Term (2-5 years), and Long Term (5+ years).

Partners and Additional Resources are vital to completing the *Action Plan*. Partners can support municipal staff with ongoing training, implementation of actions, and the creation of additional resources. Additional Resources can provide the specific guidance to help residents and municipal staff carry out the actions identified in the plan.

Action Plan

Goal

1 Deming cohesively and collaboratively manages a resilient community forest that contributes to broader community goals.

Strategy IA

Invest in building staff expertise and support to strengthen Deming's community forest management.

| Actions | Timeline |
|--|--|
| IA.1 Establish a Deming City Arborist position, filled by an International Society of Arboriculture (ISA) certified arborist to oversee implementation of the community forest plan, tree maintenance, and policy review and enforcement. | 2-5 Years (Medium Term) |
| IA.2 Support and encourage professional landscape maintenance staff to actively participate in the CFN, where they can collaborate with other professionals and connect to educational resources and events to further their skills in urban forestry and GSI implementation and maintenance. | 1-2 Years (Short Term)/ Ongoing |
| IA.3 Engage with the CFN to provide staff training on tree care, pruning, irrigation maintenance, integrated pest management, risk management, and GSI maintenance. Include government, school, and commercial landscapers. | 1-2 Years (Short Term)/ Ongoing |
| IA.4 Coordinate across Deming municipal departments on issues related to the community forest: <ul style="list-style-type: none"> » Deming Code Enforcement officer - issues and coordination related to tree risk monitoring. » Deming Public Safety – issues related to tree vandalism and theft. » Deming Community Services – grant writing and management, issues related to transient population use of parks and other landscapes. | 2-5 Years (Medium Term)/ Ongoing |



Action Plan

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1 Deming cohesively and collaboratively manages a resilient community forest that contributes to broader community goals.

Strategy 1B

Collaborate with local community forestry partners to implement, evaluate, and update ordinances and policies to support city-wide community forest initiatives.

| Actions | Timeline |
|--|--|
| IB.1 Periodically evaluate and update existing Vegetation Ordinances and Land Use Codes, including: <ul style="list-style-type: none"> » Trees and Shrubbery Ordinance (8-3) » Landscape Standards Ordinance (12-18-2) » New Development Plans (13-5-1) | 2-5 Years (Medium Term)/ Ongoing |
| IB.2 Establish a Tree Board to guide Deming's community forest management that includes city and county staff, key community forest partners, and members of the public. | 2-5 Years (Medium Term)/ Ongoing |
| IB.3 Apply for "Tree City USA" status from the Arbor Day Foundation for civic recognition of Deming's community forest efforts and demonstrate long-term commitment to program principles. | 2-5 Years (Medium Term) |
| IB.4 Collaborate with community forestry partners to share information on tree species, maintenance, and irrigation and collaborate on community forest initiatives. | 1-2 Years (Short Term)/ Ongoing |
| IB.5 Publish and promote the tree list and plant palette appropriate for Deming's climate and geography, focused on plants native to the southwest U.S./northern Mexico. | 1-2 Years (Short Term) |
| IB.6 Develop a Deming Integrated Pest Management Plan. | 2-5 Years (Medium Term) |
| IB.7 Update the Deming Community Forest Management Plan. | 2031 |



Action Plan

Goal

1 Deming cohesively and collaboratively manages a resilient community forest that contributes to broader community goals.

Strategy 1C

Implement a community forest health monitoring program to prioritize tree maintenance and tree risk reduction.

| Actions | Timeline |
|---|---------------------------------------|
| IC.1 Complete Deming's tree inventory in Tree Plotter, with a focus on city-owned landscapes. Update Tree Plotter at least annually to inform maintenance and tree risk reduction priorities. Priority locations: <ul style="list-style-type: none"> » All parks » Deming Luna Mimbres Museum and Custom House » Rio Mimbres Country Club and Golf Course » Mountain View Cemetery | 1-2 Years (Short Term)/ Ongoing |
| IC.2 Collaborate with Luna County and other community forestry partners to expand use of Deming's tree inventory in Tree Plotter. Annually monitor all government-managed landscape trees within city limits. Priority locations: <ul style="list-style-type: none"> » Luna County Courthouse and Courthouse Park » Deming Public Schools » Cesar Chavez Charter School | 1-2 Years (Short Term)/ Ongoing |
| IC.3 Complete a street tree and street tree infrastructure (e.g., tree wells, grates) inventory for city properties and within the city right-of-way to identify maintenance and tree risk reduction priorities. Priority locations: <ul style="list-style-type: none"> » Downtown Gold and Silver Avenue streetscapes » Granite, Silver, and Platinum Avenue medians » Other "mineral" streets » Tree Streets such as Spruce, Maple, Elm, and Poplar » E Pine Street » 8th Street » Cody Road » Cedar Street | 1-2 Years (Short Term)/ Ongoing |



Action Plan

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1 Deming cohesively and collaboratively manages a resilient community forest that contributes to broader community goals.

Strategy ID

Develop and streamline a tree maintenance and landscape irrigation program that balances tree health with water conservation goals.

| Actions | Timeline |
|---|---------------------------------------|
| ID.1 Create mechanisms to access tree expertise and skilled labor via: <ul style="list-style-type: none"> » Municipal contracts with certified arborists for skilled maintenance. » Sharing certified arborist support between major partners. » Supporting the development of a CFN regional urban forester position. | 2-5 Years (Medium Term) |
| ID.2 Evaluate irrigation efficiency at parks and other city landscapes and transition to a uniform standard for irrigation parts that are used on all irrigation projects. | 1-2 Years (Short Term) |
| ID.3 Create an annual community forest maintenance schedule and budget based on tree inventory data and with support from the CFN. Priority locations include all parks, street trees, and historic landscapes. <ul style="list-style-type: none"> » All parks » Street trees » Historic Landscapes | 1-2 Years (Short Term)/ Ongoing |

Strategy IE

Engage community members in the growth and care of the community forest.

| Actions | Timeline |
|---|---------------------------------------|
| IE.1 Connect residents to existing educational resources, partner organizations and events on community forestry issues to empower community members to action. Priority topics: <ul style="list-style-type: none"> » Regionally appropriate plant selection that are drought-tolerant and support pollinator and wildlife habitat. » Tree planting and maintenance. » Water conservation and proper tree irrigation. » GSI and residential-scale rainwater harvesting. | 1-2 Years (Short Term)/ Ongoing |
| IE.2 Increase tree canopy by promoting tree planting and landscaping in residential areas and partnering with organizations that support residential tree planting programs. Priority neighborhoods: <ul style="list-style-type: none"> » North of Interstate 10 » Developing neighborhoods west and southeast | 2-5 Years (Medium Term) |
| IE.3 Support tree monitoring and maintenance at multi-family housing complexes including the Kingdom of the Sun Retirement Village, Sierra Vista Apartments, and Desert Sun Apartments. | 1-2 Years (Short Term)/ Ongoing |

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1 Deming cohesively and collaboratively manages a resilient community forest that contributes to broader community goals.

Strategy IF

Implement green stormwater infrastructure (GSI) in high stormwater runoff areas such as pavement, roofs, and other impermeable surfaces to water trees and reduce localized erosion and flooding.

| Actions | Timeline |
|---|----------------------------|
| IF.1 Conduct a field-based analysis to identify locations where stormwater harvesting is feasible and create a "shovel-ready" list of projects to include in the update of the Deming Storm Drainage System Master Plan. Pursue Colonias funding to address localized flooding with green stormwater infrastructure. Potential areas for GSI projects: <ul style="list-style-type: none"> » Trees Lake Park and Starmax Family Entertainment Complex » Deming High School » Medians on Gold Avenue and the MainStreet District » Medians along Silver Avenue » John T. Waits Park » Neighborhood Parkway Strips | 5+ Years (Long Term) |
| IF.2 Provide GSI education to residents and business owners and incentivize stormwater managed in landscapes. | 2-5 Years (Medium Term) |
| IF.3 Integrate GSI with ongoing community forestry initiatives and public education, and ICIP street improvement projects. | Ongoing |

GOAL I PARTNERS INCLUDE:

- » SWNM Community Forestry Network
- » New Mexico Tree Alliance
- » New Mexico Urban & Community Forestry Program (EMNRD)
- » NMSU Cooperative Extension
- » Local Deming Community Forestry Partners
- » Tree New Mexico Neighborhoods Program
- » New Mexico Schools Facility Authority

GOAL I RESOURCES INCLUDE:

- » Recommended Tree and Plant List for Deming
- » Guide to Planning and Implementing Community Forestry Projects
- » Green Stormwater Infrastructure Implementation Guide
- » Irrigation Guide
- » Bernalillo County Residential Rainwater Harvesting Guide

Action Plan

Goal

2 Deming revitalizes historic landscapes and manages tree risk to maintain community character and support local economic initiatives.

Strategy 2A

Revitalize established neighborhood parks and school landscapes by reducing tree risk and practicing succession planting.

| Actions | Timeline |
|---|---------------------------------|
| 2A.1 Analyze Deming's tree inventory to systematically revitalize established parks through tree pruning, tree removal and replacement of high-risk trees, and additional tree and understory plantings. Increase irrigation efficiency and expand irrigation systems as needed. Priority parks: <ul style="list-style-type: none"> » Elsie Vega (Chicano) Park » Nacio Herb Brown Park » Scout Park/Dog Park » Manny Alvarez Park » Florida (Water Tower) Park » Viramontes Park » John T. Waits Park » South Park | 1-2 Years (Short Term)/ Ongoing |
| 2A.2 Coordinate and collaborate with Deming Public Schools and the New Mexico School Facilities Authority (NMSFA) to ensure tree maintenance, tree risk assessment and reduction, and succession planting is occurring regularly at school facilities with older trees. Prioritize: <ul style="list-style-type: none"> » Chaparral Elementary » Bell Elementary » Smith Elementary » Memorial Elementary » Cesar Chavez Charter School | 1-2 Years (Short Term)/ Ongoing |

Strategy 2B

Develop and implement a monitoring and maintenance plan for street trees in Deming's neighborhoods.

| | |
|---|-------------------------|
| 2B.1 Based on the street tree inventory (Action 1.C.3), prioritize the pruning or removal of high-risk trees and coordinate with electrical and telecommunication utility providers and professional arborists to conduct work. | 1-2 Years (Short Term) |
| 2B.2 Coordinate with Deming Public Works on street tree maintenance in the event of interference with street and sidewalk infrastructure. Make note of any infrastructure interference in Tree Plotter when updating Deming's tree inventory. | Ongoing |
| 2B.3 Analyze tree species that are performing well as street trees, and plant a diversity of resilient species in empty tree wells and sidewalk cutouts. | 2-5 Years (Medium Term) |



Action Plan

Goal

2 Deming revitalizes historic landscapes and manages tree risk to maintain community character and support local economic initiatives.

Strategy 2C

Develop and implement a tree maintenance and succession plan for National Historic Register landscapes and other historic landscapes.

| Actions | Timeline |
|--|-------------------------|
| 2C.1 Coordinate with the Luna County Community Development Department and the New Mexico State Historic Preservation Office to develop a detailed tree management plan for the Luna County Courthouse and Courthouse Grounds, to include: <ul style="list-style-type: none"> » Tree removal and replacement » Structural pruning and maintenance for existing trees » Improving irrigation efficiency » Additional succession plantings and tree species selection | 2-5 Years (Medium Term) |
| 2C.2 Revitalize Deming Luna Mimbres Museum, Custom House, and Veterans Park: <ul style="list-style-type: none"> » Tree removal and replacement » Structural pruning and maintenance for existing trees » Improve irrigation efficiency » Additional succession plantings | 2-5 Years (Medium Term) |
| 2C.3 Prioritize revitalization of the Granite, Silver, and Platinum Avenue medians: <ul style="list-style-type: none"> » Remove high risk trees, prune branches » Phased removal of older trees » Succession plantings and tree species selection » Improve irrigation efficiency and GSI features | 1-2 Years (Short Term) |
| 2C.4 Revitalize the community forest at Mountain View Cemetery: <ul style="list-style-type: none"> » Remove high risk trees, prune branches » Succession plantings » Expanded planting » Incorporate trees and irrigation in Deming ICIP project for cemetery expansion | 2-5 Years (Medium Term) |

GOAL 2 PARTNERS INCLUDE:

- » SWNM Community Forestry Network
- » New Mexico Tree Alliance
- » Deming MainStreet
- » New Mexico State Historic Preservation Office
- » New Mexico Department of Transportation
- » New Mexico Schools Facility Authority

GOAL 2 RESOURCES INCLUDE:

- » Recommended Tree and Plant List for Deming
- » Guide to Planning and Implementing Community Forestry Projects
- » Irrigation Guide



Action Plan

Goal

3 Deming sustains its investment in new landscapes and proactively integrates the community forest into residential, commercial, and recreational development to enhance public health and quality of life.

Strategy 3A

Expand tree planting opportunities at recently developed outdoor recreation and entertainment facilities.

| Actions | Timeline |
|--|----------------------------|
| 3A.1 Develop and execute a detailed maintenance and irrigation plan for Trees Lake Park, Voiers "Pit" Park, Inflatable Water Park, and Inclusive Park to sustain the community forest investment: <ul style="list-style-type: none"> » Conduct a detailed irrigation assessment and improve irrigation efficiency. » Conduct soil testing near tree roots to determine fertilization recommendations. » Conduct a planting assessment of newly planted trees; conduct root pruning, root ball lifting, and mulching to address root issues. » Conduct structural pruning of new trees. » Incorporate ground cover, including mulch and understory plantings to complete the landscape. » Additional tree plantings | 1-2 Years (Short Term) |
| 3A.2 Collaborate with Luna County to develop and implement a landscaping plan for the Starmax Family Entertainment Complex, including tree planting, groundcover, GSI, and irrigation. | 2-5 Years (Medium Term) |
| 3A.3 Revitalize the community forest at the Country Club Golf Course: <ul style="list-style-type: none"> » Remove high risk trees, prune branches » Assess irrigation efficiency » Succession tree planting using diverse tree species » Expanded tree planting and irrigation along walking path and throughout Golf Course | 2-5 Years (Medium Term) |
| 3A.4 Revitalize the Lloyd Pratz T-Ball Fields, Rainbow Park, and former BMX Park space. <ul style="list-style-type: none"> » Remove high risk trees, prune branches » Assess irrigation efficiency » Replacement tree planting using diverse tree species » Incorporate tree planting to match new use of BMX Park space | 2-5 Years (Medium Term) |
| 3A.5 Plant trees and other landscaping along walking/multi-modal paths to cool pavement and mitigate transportation-related air pollution. <ul style="list-style-type: none"> » Former BMX Park walking path » Country Club Golf Course multi-modal path » East Florida Street sidewalk » East Poplar Street sidewalk » East Ash Street sidewalk | 2-5 Years (Medium Term) |
| 3A.6 Plant windbreak trees and shade trees in spectator areas at the Raymond Reed Road Soccer and Football Fields and Dog Park. | 2-5 Years (Medium Term) |



Action Plan

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3 Deming sustains its investment in new landscapes and proactively integrates the community forest into residential, commercial, and recreational development to enhance public health and quality of life.

Strategy 3A (cont.)

Expand tree planting opportunities at recently developed outdoor recreation and entertainment facilities.

| Actions | Timeline |
|---|----------------------------|
| 3A.7 Conduct annual monitoring and maintenance of the existing trees at the E.J. Hooten Sports Complex and plan for succession tree planting using diverse tree species. | 2-5 Years (Medium Term) |
| 3A.8 Identify opportunities for trees and landscaping in ICIP project funding requests and develop cost estimates: <ul style="list-style-type: none"> » Outdoor Recreational Facilities and Equipment » Construction and Improvements to Multi-Use Paths » Dog Parks » Tulip Brownfield Repurpose Recreation Project » Additional succession plantings | 2-5 Years (Medium Term) |

Strategy 3B

Proactively integrate tree infrastructure and irrigation into new and expanding residential developments along streets and in parks and other public spaces.

| Actions | Timeline |
|--|----------------------------|
| 3B.1 Develop and implement a streetscape plan that includes GSI to enhance tree canopy along streets in the neighborhoods north of I-10. | 2-5 Years (Medium Term) |
| 3B.2 Develop and implement a park and streetscape plan for the neighborhood around Bataan Elementary School and Red Mountain Middle School. | 5 Years (Long Term) |
| 3B.3 Develop and implement a park and streetscape plan for the developing neighborhoods southeast of the East Florida Street and Columbus Road intersection. | 5 Years (Long Term) |
| 3B.4 Identify opportunities to include trees and landscaping in ICIP project funding requests for Community and Transitional Housing. | 2-5 Years (Medium Term) |



Action Plan

Goal

3 Deming sustains its investment in new landscapes and proactively integrates the community forest into residential, commercial, and recreational development to enhance public health and quality of life.

Strategy 3C

Focus on improving and expanding the community forest in key community service areas throughout Deming.

| Actions | Timeline |
|--|--|
| <p>3C.1 Restore streetscapes along the East Pine Street corridor for beautification, heat mitigation, and walkability. Coordinate with the NM DOT on maintaining median plantings and addition of GSI and more street tree plantings. Collaborate with businesses to expand streetside landscaping, and include Deming city landscapes:</p> <ul style="list-style-type: none"> » City Hall » Marshall Memorial Library » Motor Vehicle Department » Police Department » Mimbres Learning Center » Deming Airport Terminal | 2-5 Years (Medium Term)/ Ongoing |
| <p>3C.2 Work with the Mimbres Valley Hospital to maintain and expand tree planting and landscaping on hospital grounds and in the surrounding complex, including the Sam Baca Aquatic Center and the Deming Luna Senior Center.</p> | 2-5 Years (Medium Term) |
| <p>3C.3 Collaborate with Deming MainStreet and Keep Luna County Beautiful to integrate the community forest into Deming's broader tourism, revitalization, and development initiatives.</p> <ul style="list-style-type: none"> » Deming Visitor Center landscape maintenance and revitalization » Gold Avenue streetscape and Leyendecker Plaza maintenance » Downtown pocket parks maintenance » Depression Park expanded planting and ground cover » Deming ICIP beautification projects for I-10 Exits 81 through 85 ramps » I-10 Frontage Road and Gold Avenue landscaping » Amtrak train stop landscaping » "Adopt-a-Roadway" initiatives | 2-5 Years (Medium Term)/ Ongoing |
| <p>3C.4 Coordinate and collaborate with Deming Public Schools to properly maintain and further expand school landscapes, including regular tree health monitoring, insect and disease checks, and irrigation efficiency checks.</p> <ul style="list-style-type: none"> » Ruben S. Torres Elementary » Bataan Elementary » Red Mountain Middle School » Deming Intermediate School » Deming High School Complex | 1-2 Years (Short Term)/ Ongoing |



Action Plan

Goal

3 Deming sustains its investment in new landscapes and proactively integrates the community forest into residential, commercial, and recreational development to enhance public health and quality of life.

Strategy 3D

Enhance environmental health and community forest benefits by increasing biodiversity in tree and understory plantings and selecting native species for new planting projects.

| Actions | Timeline |
|--|---------------------------|
| <p>3D.1 Publish and promote use of a regionally appropriate tree list and plant palette focused on native, drought-tolerant plants to promote resilience and conserve water resources.</p> | 1-2 Years (Short Term) |
| <p>3D.2 Promote increased species diversity in tree planting projects city-wide on both public and private property.</p> | Ongoing |
| <p>3D.3 Look for opportunities to implement pollinator gardens, such as in pocket parks, streetscapes, GSI installations, parking aprons, and public building landscapes.</p> | Ongoing |

GOAL 3 PARTNERS INCLUDE:

- » SWNM Community Forestry Network
- » New Mexico Public Schools Association
- » Deming MainStreet
- » Keep Luna County Beautiful
- » Luna County
- » New Mexico Department of Transportation
- » Deming Public Schools/New Mexico Schools Facility Authority

GOAL 3 RESOURCES INCLUDE:

- » Recommended Tree and Plant List for Deming
- » Guide to Planning and Implementing Community Forestry Projects
- » Irrigation Guide
- » Green Stormwater Infrastructure Implementation Guide
- » Example Maintenance Schedule

