TOWN OF
WINDSOR

# Capital Improvement Program

## FY 2021-2026

## *Adopted Budget*

***June 16, 2021***

This Page Intentionally Blank

**TABLE OF CONTENTS**
**CAPITAL IMPROVEMENT PROGRAMS**

**PROJECT OVERVIEW**


| | Page |
|---|---|
| Capital Improvement Program Guide | 1 |
| Capital Improgram Programs | 2 |
| Program Assumptions | 3 |
| Summary of Significant Changes in Capital Improvement Projects | 4 |
| Completed Capital Improvement Projects | 5 |
| Other Significant Changes to Existing Capital Improvement Projects | 6 |
| Fund Appropriations Summary | 11 |


**PROJECT DESCRIPTIONS**

***Parks & Facility Maintenance Projects***


| | Page |
|---|---|
| Clara's Garden Renovation | PFM - 3 |
| Dog Park | PFM - 5 |
| Esposti Park Improvements | PFM - 7 |
| Keiser Park Improvements | PFM - 9 |
| Lighting for Keiser Park Baseball Fields | PFM - 11 |
| Military (Veterans) Memorial Wall | PFM - 13 |
| Pleasant Oak Park Improvements | PFM - 15 |
| Pickleball Courts at Hiram Lewis Park | PFM - 17 |
| Senior Center Facility Improvements | PFM - 19 |
| Town Green Arbor Improvements | PFM - 21 |
| Vintage Oaks Park Improvements | PFM - 23 |
| Wilson Ranch Soccer Park LED Field Lighting | PFM - 25 |
| Wilson Ranch Soccer Park Improvements | PFM - 27 |


***Storm Drainage Projects***


| | Page |
|---|---|
| Old Redwood Highway at Dawn Way Drainage Improvements | SD - 3 |
| Shiloh Road at Caletti Avenue Drainage Improvements | SD - 5 |
| Hall Park Detention Basin | SD - 7 |
| Shiloh Road/Pruitt Creek Twin Culvert Erosion Control | SD - 9 |
| Windsor Creek Flood Control Project | SD- 11 |
| Starr Creek Tributary #5 South of Arata Lane Drainage Improvements | SD - 13 |

**TABLE OF CONTENTS**
**CAPITAL IMPROVEMENT PROGRAMS**

## PROJECT DESCRIPTIONS


***Storm Drainage Projects (continued)*** Page

Old Redwood Highway and Pleasant Avenue Drainage Improvements SD - 15
Trash Interceptors SD - 17

***Transportation Projects*** Page

FY 2019-2021 Town Wide Street Resurfacing T - 3
FY 2021-2023 Town Wide Street Resurfacing T - 5
Windsor River Road/Windsor Road Intersection Improvements T - 7
Shiloh Road Left Turn Intersection Improvements at Caletti Avenue T - 9
Crosswalk Enhancements at Starr Road and Stellar Lane T - 11
Faught Creek Trail Improvements from Victory Lane to Old Redwood Highway T - 13
Starr Road Sidewalk Improvements South of Starr View Drive T - 15
Arata Lane Interchange Phase 2B for Los Amigos Road Realignment T - 17
Crosswalk Enhancement at Brooks Road South at Natalie Drive T - 19
Shiloh Road/Old Redwood Highway Intersection T - 21
Town Wide Streetlight LED Retrofit T - 23
Downtown Pedestrian & Bicycle Crossing of US 101 Phase 1 T - 25
East Windsor Creek Trail and Pedestrian Bridge T - 27
Old Redwood Highway Bridges Replacement T - 29
Old Redwood Highway from Starr Road to Arata Lane Pedestrian Improvements T - 31
Jaguar Way Extension from Windsor Road to Starr Road T - 33
Arata Lane Interchange Phase 2C for Northbound On-Ramp T - 35
Safe Routes to School Crosswalk and Sidewalk Improvements T - 37
Class I Trails Improvements T - 39
Downtown Pedestrian & Bicycle Crossing of US 101 Phase 2 T - 41
US 101 Interchange Improvements at Shiloh Road T - 43
Arata Lane Interchange Phase 2D for Highway 101 Overpass Improvements T - 45
FY 2023-2026 Town Wide Street Resurfacing T - 47

**TABLE OF CONTENTS**
**CAPITAL IMPROVEMENT PROGRAMS**

## PROJECT DESCRIPTIONS


| ***Water Projects*** | Page |
|---|---|
| Townwide Advanced Metering Infrastructure (AMI) | W - 3 |
| Mitchell Lane Pump Station Upgrades | W - 5 |
| Shiloh Tank Sites 1 and 2 Upgrades | W - 7 |
| ALWSZ Recycled Water Pump Station Rehabilitation | W - 9 |
| Meter Flow Testing Improvements at Russian River Well Field | W - 11 |
| Wild Oak Water Service Replacements | W - 13 |
| New Well at Russian River Well Field | W - 15 |
| North Windsor Supply Well | W - 17 |
| Mitchell Lane Recycled Water Transfer Pipeline | W - 19 |
| Turnberry Court Pipe Improvements | W - 21 |
| Esposti Municipal Well Head and Treatment System | W - 23 |
| Savannah Way and Merner Drive Pipe Construction | W - 25 |
| Water Transmission Reliability at Russian River Well Field West of Eastside Road | W - 27 |

| ***Water Reclamation Projects*** | Page |
|---|---|
| Influent Wet Well Screen at Water Reclamation Facility (WRF) | WR - 3 |
| ALWSZ Sewer Connection | WR - 5 |
| Ultraviolet (UV) System Replacement | WR - 9 |
| Aeration Basin | WR - 11 |
| Secondary Clarifier Repairs at the Water Reclamation Facility (WRF) | WR - 13 |
| Supervisory Control and Data Acquisition System Upgrade | WR - 15 |
| Electrical Meters at the Water Reclamation Facility | WR - 17 |
| Storage Pond Berm Repair | WR - 19 |
| SS-1 Windsor River Road to Water Reclamation Facility | WR - 21 |
| SS-3 Hembree Lane | WR - 23 |
| Emergency Generators at the Water Reclamation Facility | WR - 25 |
| Biosolids Handling Facility | WR - 27 |
| Main Switchboard Replacement at Water Reclamation Facility | WR - 29 |
| SS-2 Starr Road | WR - 31 |
| Conde Business Park Sewer Easement Access Road Resurfacing | WR - 33 |

**TABLE OF CONTENTS**
**CAPITAL IMPROVEMENT PROGRAMS**


| **FINANCIAL SUMMARIES - BY FUND** | Page |
|---|---|
| Fund Appropriations Summary | C-1 |
| Drainage Mitigation Fund | C-2 |
| Transportation Grant Fund | C-4 |
| Gas Tax Fund | C-6 |
| General Fund | C-8 |
| Grants Fund | C-10 |
| Measure M Parks Fund | C-12 |
| Park Development Fund | C-14 |
| Traffic Mitigation Fund | C-16 |
| Utilities Fund - Water Capital | C-18 |
| Utilities Fund - Water Reclamation Repair & Replacement | C-20 |
| Community Development Block Grant | C-22 |
| Capital Replacement Fund | C-24 |

| **ENABLING RESOLUTIONS** | Page |
|---|---|
| Town Council Resolution No. 3681-21 | R - 1 |
| Planning Commission Resolution No. 693-21 | R - 3 |

# PROJECT OVERVIEW

TOWN OF
WINDSOR

This Page Intentionally Blank

# Capital Improvement Program Guide

The fiscal years 2021-2026 Capital Improvement Program (CIP) is a planning tool that identifies the Town of Windsor's long-range capital needs and prioritizes them over a five-year period. The CIP describes in detail, specific Town improvement projects, complete with construction schedules and anticipated financing, for the five-year period from July 1, 2021 through June 30, 2026. Various revenue sources are used to finance these projects including: Drainage Mitigation, General Fund, Park Development, Traffic Mitigation, Utility Funds and certain outside funding sources. On June 8, 2021 the Planning Commission reviewed the CIP and made a finding that the proposed fiscal years 2021-2026 CIP is consistent with the Windsor 2040 General Plan in accordance with Government Code Section 65401. Government Code Section 65401 requires that the Planning Commission review all capital projects that will be planned, initiated or constructed during the ensuing fiscal years for conformity with the General Plan. Finally, on June 16, 2021 the Town Council adopted of the fiscal years 2021-2026 CIP. After Town Council approves the CIP, capital projects are initiated when Council approves appropriations in the Town's Budget and acts on specific projects such as the award of contract to a construction company.

This five-year program is designed to:

- Serve as both a financial and project planning document.
- Assist in the orderly development of the Town and concurrent construction of public facilities and infrastructure.
- Implement and be consistent with the goals and policies of the Town including the General Plan.
- Implement approved Master Plans.

The Capital Improvement Program is presented in three parts:

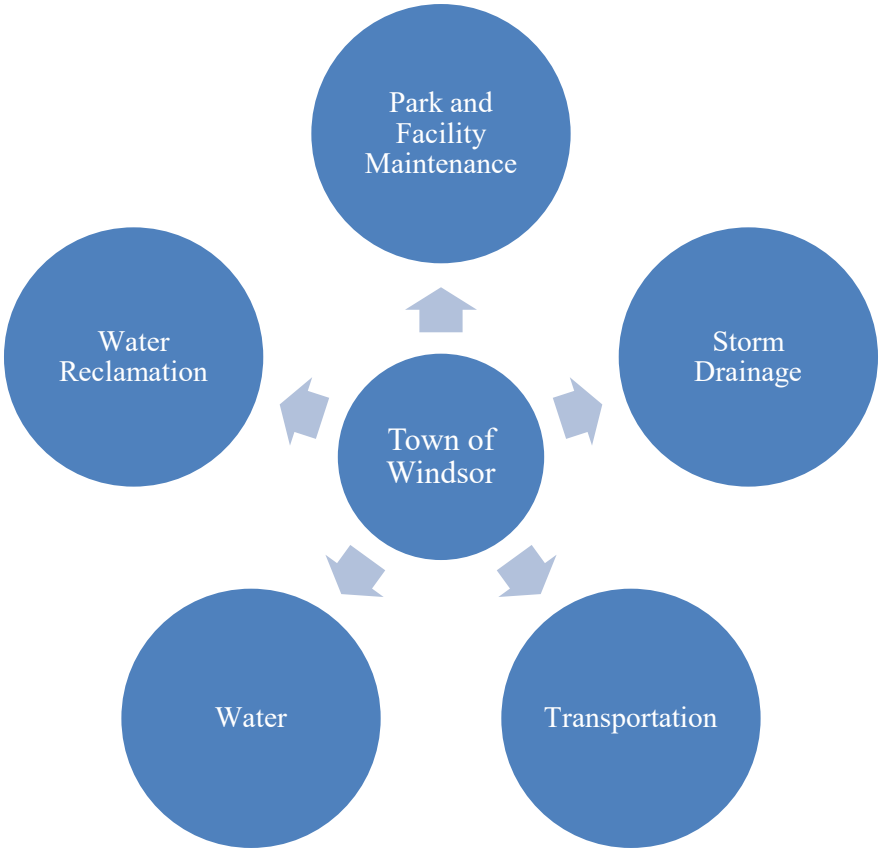
Fund Appropriation Summary:
A fund appropriation summary for the various capital funding sources used in the Capital Improvement Program.

Project Descriptions:
A detailed description of each capital improvement project, including the project description, need (justification) for the project, consistency with the General Plan, project costs, funding sources, annual appropriations, construction schedule and total project cost. Since the General Plan Update is currently underway, the CIP will be reviewed and updated in 2019 for continued consistency with the General Plan.

Financial Summaries by Fund: A summary of the financial impact of the capital projects on the various funds. Each fund is summarized by year, showing the financial impacts from Source of Funds (revenues such as development impact fees interest and transfers in from other sources) and Uses of Funds (expenditures such as maintenance and operations, appropriations for capital improvements and transfers out to other funds).

# Capital Improvement Programs

The Town of Windsor Capital Improvement Program (CIP) represents a significant investment in the Town's infrastructure. The capital improvement projects identified in this CIP fund infrastructure improvements throughout the Town including: parks, community facilities, storm drainage, transportation systems, water systems (drinking water production and distribution, and urban recycled water distribution), and water reclamation systems (wastewater infrastructure, collection and treatment, and treated water disposal and transfer). The projects in this CIP are organized into one of the five following program areas:



# Program Assumptions

The Capital Improvement Program (CIP) is based on the following assumptions:

- All projected revenues are shown in current dollars unless otherwise stated. All projected costs for Fiscal Year 2019-20 are shown in current dollars and an annual inflation adjustment factor of 2% has been added to subsequent years, where applicable. Other tax revenues and the availability of other funds are consistent with the latest fiscal analysis.

- Project cost estimates are preliminary and are based on the best information available at this time. Cost estimates are reviewed and refined during the design of each project.

- For the purpose of this program, capital improvements are defined as projects exceeding $50,000 with a useful life of five or more years and all assets included in the project cost estimates are in a fixed location.

- Water and water reclamation funds assume rate and fee increases based on the Water and Water Reclamation Financial Plan and Rates and Fees studies.

# Summary of Significant Changes in Capital Improvement Projects

New, completed, removed or significantly changed or carried over capital improvement projects compared to the adopted fiscal years 2019-2024 Capital Improvement Program are summarized below:

## New Capital Improvement Projects

Storm Drainage Projects

- Old Redwood Highway and Pleasant Avenue Drainage Improvements
- Trash Interceptors

Parks & Facility Maintenance Projects

- Pleasant Oak Park Improvements

Transportation Projects

- Faught Creek Trail Improvements from Victory Lane to Old Redwood Highway
- Starr Road Sidewalk Improvements South of Starr View Drive
- Crosswalk Improvements at Brooks Road at Natalie Drive
- Crosswalk Enhancements at Starr Road and Stellar Lane
- Downtown Pedestrian & Bicycle Crossing of US 101 Phases 1
- Old Redwood Highway from Starr Road to Arata Lane Pedestrian Improvements
- Windsor River Road/Windsor Road Intersection Improvements
- Arata Lane Interchange Phase 2B for Los Amigos Road Realignment
- Town Wide Streetlight LED Retrofit

Water Projects

- Mitchell Lane Pump Station Upgrades (moved from Water Reclamation Projects)
- ALWSZ Recycled Water Pump Station Rehabilitation
- Mitchell Lane Recycled Water Transfer Pipeline (moved from Water Reclamation Projects)

Water Reclamation Projects

- ALWSZ Sewer Connection
- Aeration Basin Replacement (new design)
- Supervisory Control and Data Acquisition System Upgrade
- Electrical Meters at the Water Reclamation Facility
- SS-1 Windsor River Road to Water Reclamation Facility
- SS-3 Hembree Lane
- Biosolids Handling Facility
- SS-2 Starr Road

# Completed Capital Improvement Projects

The following projects were completed in fiscal years 2019-2021 and therefore no longer appear in the fiscal years 2021-26 CIP.

Storm Drainage Projects (none)

Park & Facility Maintenance Projects

- Park Land Acquisition (Grant received and proceeding with purchase agreement)

Transportation Projects

- Bell Road/Market Street/Winsor River Road Traffic Signal Installation and Pedestrian Enhancements
- Starr Road Sidewalk Gap Closure
- Conde Lane/Johnson Street Traffic Signal Installation and Pedestrian Enhancements
- Jaguar Way/Windsor Traffic Signal, Pedestrian and Roadway Improvements
- FY 2017-2019 Town-wide Street Resurfacing Project
- Starr Road-Jaguar to Indiana
- Old Redwood Highway at Kendall Way Crosswalk Improvements
- Crosswalk Enhancements at Brooks Road South and US 101 Northbound On-ramp
- FY19-2021 Town Wide Street Resurfacing
- Shiloh Road Left Turn Intersection Improvements at Caletti Avenue
- Starr Road Sidewalk Improvements from Vivian to Windsor River Road

Water Projects

- Water Meter Transmitter Upgrades
- Windsor River Road/Windsor Road Intersection Utility Improvements
- Oceanview Pond Recycled Water Connection Upgrade

Water Reclamation Projects

- Rehabilitate Advanced Wastewater Treatment (AWT) Clarifier No.2
- Pond 7 Algae Control Improvements
- AWT Static Mixer Improvements at Water Reclamation Faclity

## Completed Capital Improvement Projects

Water Reclamation Projects (Continued)

- Blower Facility Upgrades at Water Reclamation Facility (partial completion – emergency generator connection transfer switch installed)
- Rehabilitate AWT Clarifiers at Water Reclamation Facility
- Headworks Screen Upgrade at Water Reclamation Facility
- Berm Repair Recycled Water Storage Ponds (Ponds 5 and 10)
- Grit Classifier Replacement at Water Reclamation Facility

## Other Significant Changes to Existing Capital Improvement Projects (CIP)

Storm Drainage Projects

- Old Redwood Highway at Dawn Way Drainage Improvements: This is a continuation of Project 8011. The design phase is initiated using FY2020-21 funds. The construction phase is anticipate to begin in FY2021-22.
- Shiloh Road at Caletti Avenue Drainage Improvements: This is a continuation of Project 1812. The project budget and schedule were updated to reflect start of construction work in fiscal year 2022-2023.
- Hall Park Detention Basin: This is a continuation of Project 2121 and will supplement Project 8011 by detaining storm water upstream of the Old Redwood Highway at Dawn Way intersection. This project was initiated by a feasibility study completed in FY2020-21. The design phase is initiated using FY2020-21 funds.
- Shiloh Road/Pruitt Creek Twin Culvert Erosion Control: This is a continuation of Project 2020 with the purpose of stabilizing the bank of Pruitt Creek in the vicinity of Shiloh Road.
- Windsor Creek Flood Control Project: This is a continuation of Project 2122. The 2020 Final Storm Drain Master Plan recommended seeking detention, if possible, in the vicinity of former Windsor Creek Elementary School if the option becomes available.
- Starr Creek Tributary #5 – South of Arata Lane Drainage Improvements: This is a continuation of Project 2120. The project scope was been modified to include a storm water detention solution on Town-owned property. The project also includes improvements to storm drain inlets along Arata Lane as recommended in 2020 Final Storm Drain Master Plan.
- Old Redwood Highway and Pleasant Avenue Drainage Improvements: This is a new project identified in the 2020 Final Storm Drain Master plan to mitigate nuisance flooding in and along Old Redwood Highway in the vicinity of Pleasant Avenue.
- Trash Interceptors: This is a new project added to comply with the State of California Trash Amendment. Compliance must be completed by 2030. Funds are assumed needed in FY2025-26 to begin implementing the project.

## Other Significant Changes to Existing Capital Improvement Projects (CIP)

Park & Facility Maintenance Projects

- Keiser Park Improvement Project has been expanded to include additional park land acquisition, the development which will be the outcome of the current Keiser Park Master Plan Update.
- Senior Center Facility Improvements was delayed during the last budget cycle and has consolidated the previous phases into one. The project has also been expanded to include a remodel of the restroom to add additional shower stalls and more accessibility from the building exterior.
- This project was carried over into the new CIP to prepared for the 2020 Open Space District Grant Program funding cycle.

Transportation Projects

- FY 2021-2023 Town Wide Street Resurfacing: Ongoing project that is updated every two years that follows the recommendations of the pavement management system. This project receives funds from the Transportation Grant fund (Measure M) and Gas Tax SB1.
- Highway 101 and Arata Lane Northbound On-Ramp: This project has been split into the following 3 phases:
    - Phase 2B – Los Amigos Road Realignment: Project design work is scheduled to begin in fiscal year 2021-2022.
    - Phase 2C – Arata Lane Northbound On-Ramp: The project budget and schedule were updated to reflect start of preliminary design work and Project Initiation Document (PID)in fiscal year 2023-2024.
    - Phase 2D – Arata Lane Widening – Reconstruction of Highway 101 Overpass: The project budget and schedule was updated to reflect start of the Project Initiation Document (PID) in fiscal year 2025-2026.
    - Transportation Grant funding shall be pursued by the Town to construct each phase of the improvements.
- Downtown Pedestrian & Bicycle Crossing of US 101 Phase I: Caltrans Project Initiation Documents (PID) and Preliminary Engineering is planned to begin in FY 2021-2022.
- Faught Creek Trail Improvements from Victory Lane to ORH: This bike and pedestrian facilities project was identified in the 2014 Windsor Bicycle and Pedestrian Master Plan and the Class I Trails Study. The majority of the project is funded by a Transportation Fund for Clean Air (TFCA) grant and is planned to begin design in FY 2023-2024
- Safe Routes to School Crosswalk and Sidewalk improvements: The project budget and schedule was updated to reflect start of design work in fiscal year 2023-2024.

Starr Road Sidewalk Improvements South of Starr View Drive. This project was carried over into the new CIP and are expected to be completed by fiscal year 2022-2023. This project will receive funding from the Community Development Block Grant (CDBG).

## Other Significant Changes to Existing Capital Improvement Projects (CIP)

Transportation Projects (continued)

- Windsor River Road/Windsor Road Intersection Improvements: Design and environmental work was completed in fiscal year 2020-2021. Construction is scheduled to begin in fiscal year 2021-2022. $5.8 M of this project budget is being funded by Federal and State competitive grants that the Town was successful in securing.

Water Projects

- Town-wide Advanced Metering Infrastructure (AMI): This is a continuation of Project 1822 and is the final phase of the potable water automated meter-reading program.
- Mitchell Lane Pump Station Upgrades: This is a continuation former Water Reclamation Project 2181 which involves updating the aged components of the Mitchell Lane Pump Station which provides recycled water to the Golf Course.
- Shiloh Tank Sites 1 and 2 Upgrades: This is a continuation of Project 1312 which will provide permanent emergency backup generators at both tank sites and provide Tank Site 2 with new fencing and a fire-resistant pump enclosure. The Tank Site 1 fence enclosure was completed during the previous budget cycle.
- ALWSZ Recycled Water Pump Station Rehabilitation: This is a new project to enhance regional cooperation and water sharing with the ALWSZ Treatment Plant under the recent agreement with Sonoma Water.
- Meter Flow Testing Improvements at Russian River Well Field: This is a continuation of Project 2060 required by State Water Board regulations.
- Wild Oak Water Service Replacements: This is a continuation of the former (uncoded) project to replace the aged water service connections in the neighborhood of Wild Oak Drive. This is planed prior to the resurfacing of the same streets.
- New Well and Russian River Wellfield: This is a continuation of the former (uncoded) project recommended in the 2019 Water Master Plan Update.
- North Windsor Supply Well: This is a continuation of the former (uncoded) project, identified in the 2019 Water Master Plan Update. The project involves completing a test well and, pending results, installing a new municipal well in the northern Windsor area.
- Mitchell Lane Recycled Water Transfer Pipeline: This is a continuation of former Water Reclamation Project 1401 which involves replacement of the aged and limited pipeline which carries recycled water between the Water Reclamation Facility and Pond 8, 9, and 10.
- Turnberry Court Pipe Improvements: This is a continuation of the former (uncoded) project, identified in the 2019 Water Master Plan Update, to meet pressure requirements for fire flow and to provide for emergency redundancy.
- Esposti Municipal Well Head and Treatment System: This is a continuation of former Project 1310 which was identified in the 2019 Water Master Plan Update. The project is postponed for design in FY2025-26.

## Other Significant Changes to Existing Capital Improvement Projects (CIP)

Water Projects (Continued)

- Savannah Way and Merner Drive Pipe Construction: This is a continuation of the former (uncoded) project, identified in the 2019 Water Master Plan Update, to meet pressure requirements for fire flow and to provide system redundancy.
- Water Transmission Reliability at Russian River Well Field West of Eastside Road: This is a continuation of the former (uncoded) project, identified in the 2019 Water Master Plan Update, to provide system redundancy. The project is postponed for construction in FY2025-26.

Water Reclamation Projects

- Influent Wet Well Screen at Water Reclamation Facility (WRF): This is a continuation of Project 1801. Staff deemed the construction cost estimate of the 90% design impractical and the project scope has been changed for affordability.
- ALWSZ Sewer Connection: This is a new project to enhance regional cooperation and water sharing with the ALWSZ Treatment Plant under the recent agreement with Sonoma Water.
- Ultraviolet (UV) System Replacement: This is a continuation project with no project number as of yet. The project was recommended in the 2019 WRF Modernization Study. The project was prioritized to FY2021-22 due to failing hard to replace components of the current UV System.
- Aeration Basin: This is a new project. The 2019 WRF Modernization Study demonstrated that continuing down the course of rehabilitating and using both current aeration basins presented direct and indirect costs approaching $25M over the General Plan 2040 horizon. Staff completed a feasibility study in 2021 to determine if there were feasible alternatives for a similar price that would better position the Town in terms of phosphorus removal and to relieve foreseeable operational difficulties. The recommended alternative would use less footprint than the current system and produce lower effluent phosphorus concentrations ahead of strict upcoming regulations in 2022. Due to realized Town growth, aeration basin improvements are required in any case. Costs include blower facility upgrades (former Project 8015) and this project eliminates the need for former Projects 1803, 2180 and the upgrade of selector box in Aeration Basin B.
- Secondary Clarifier Repairs at the WRF: This is a continuation of Project 1804. The Aeration Basin Project creates less of a need to completely refurbish the secondary clarifiers; however, this project lowers the scope of work to salvage the clarifiers for future alternative uses.
- Supervisory Control and Data Acquisition System Upgrade: This is a new project. The current SCADA system is outdated and experiencing an increasing frequency of system failures.
- Electrical Meters at the WRF: This is a new project which will allow operation staff to individually meter and record electrical use of high energy processes at the WRF. This project is needed to identify energy efficiency projects for the Town's greenhouse gas (GHG) reduction efforts.

## Other Significant Changes to Existing Capital Improvement Projects (CIP)

Water Reclamation Projects (Continued)

- Storage Pond Berm Repair: This is a new project. Berm failures are becoming more frequent due to the age of the ponds. Funds within this project are to be used for emergency repair and preventative maintenance as appropriate to maintain storage and the WRF's permit.
- SS-1 Windsor River Road to WRF: This is a new project identified in the 2020 Collection System Master Plan. The main trunk sewer along Windsor Road is significantly undersized to handle flows associated with large storm events.
- SS-3 Hembree Lane: This is a new project identified in the 2020 Collection System Master Plan. The main trunk sewer in Hembree Lane between Shannon Way to Billington Lane is undersized to handle flows associated with large storm events.
- Emergency Generators at the WRF: This project is renamed and rescoped to provide stand alone emergency generators for the blower facility and the effluent pump station at the WRF. These critical facilities have no permanent backup power and staff relies on renting generators during power failures. Staff has determined that it is more cost efficient to purchase two smaller units than to upgrade and expand the WRF's main backup generator.
- Biosolids Handling Facility: This is a new project which includes the design and construction of a biosolids processing facility at the WRF. The Town currently relies on an outside contractor to dredge, dewater and dispose of biosolids. New State regulations limit disposal options and thus drive-up demand and cost of disposal. A new facility would produce Class A biosolids that are not restricted in terms of disposal or reuse and would greatly reduce greenhouse gas associated with hauling of wastes to remote locations outside of the County. A biosolids handling feasibility study was completed in 2021 and the costs of the recommended solution are presented in the CIP.
- Main Switchboard Replacement at WRF: This is a continuation project with no project number as of yet. The 2019 WRF Modernization Study identified the need to replace the aging components of the main power switchboard which distributes power to all locations of the WRF.
- SS-2 Starr Road: This is a new project identified in the 2020 Collection System Master Plan. The main trunk sewer between Starr Circle and the SMART railway is undersized to handle flows associated with large storm events.
- Conde Business Park Sewer Easement Access Road: This is a continuation of Project 2182. The project is postponed for construction until FY2025-26.

# CAPITAL IMPROVEMENT PROGRAM
## FUND APPROPRIATIONS
## SUMMARY

| | 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 2025-2026 | Total |
|---|---|---|---|---|---|---|
| Drainage Mitigation Fund | 3,037,000 | 361,000 | 797,000 | 3,890,000 | 483,000 | **$ 8,568,000** |
| Transportation Grant Fund | 9,655,226 | 250,000 | 886,000 | 4,740,000 | 5,354,000 | **$ 20,885,226** |
| Gas Tax Fund | 550,000 | 550,000 | 460,000 | 460,000 | 460,000 | **$ 2,480,000** |
| General Fund | 503,500 | 187,500 | 5,802,000 | 28,322,500 | 1,724,000 | **$ 36,539,500** |
| Grants Fund | 177,000 | - | - | 1,150,000 | - | **$ 1,327,000** |
| Park Development Fund | 953,000 | 1,325,000 | 694,500 | 518,000 | 690,000 | **$ 4,180,500** |
| Measure M Parks Fund | 80,000 | - | - | 250,000 | - | **$ 330,000** |
| Traffic Mitigation Fund | 1,105,000 | - | 150,000 | 621,000 | 2,449,000 | **$ 4,325,000** |
| Utilities Fund - Water Capital | 1,598,000 | 1,512,000 | 1,081,000 | 1,383,000 | 2,812,000 | **$ 8,386,000** |
| Utilities Fund - Water Reclamation Capital Fund | 6,340,000 | 4,692,000 | 38,613,000 | 30,541,000 | 2,866,000 | **$ 83,052,000** |
| Community Development & Block Grant Fund | 62,000 | - | - | - | - | **$ 62,000** |
| Capital Replacement Fund | 405,000 | - | 780,000 | - | - | **$ 1,185,000** |
| **TOTAL APPROPRIATIONS** | **$ 24,465,726** | **$ 8,877,500** | **$ 49,263,500** | **$ 71,875,500** | **$ 16,838,000** | **$ 171,320,226** |

This Page Intentionally Blank

# PARKS & FACILITY MAINTENANCE PROJECTS

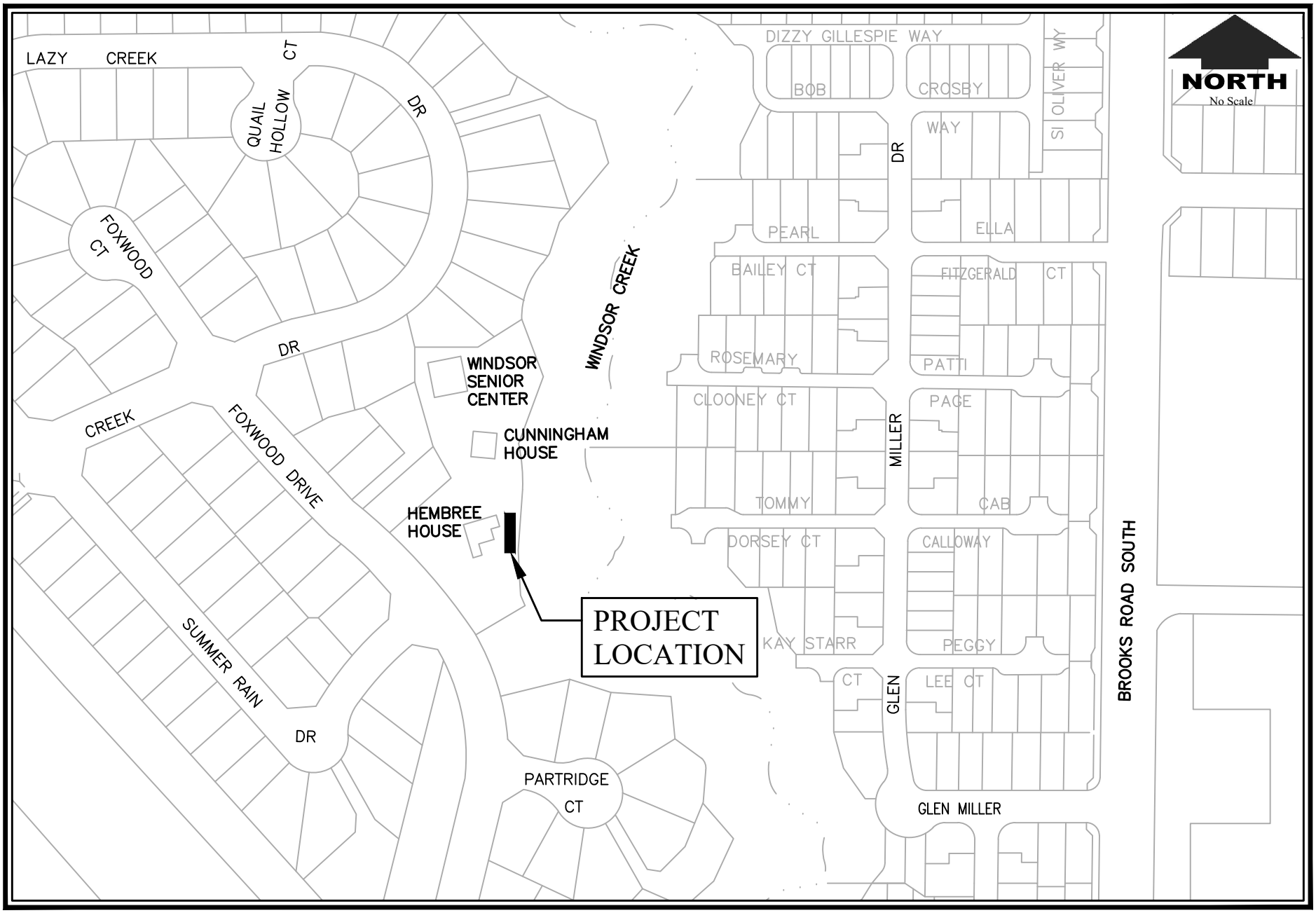


This Page Intentionally Blank

# APPROPRIATIONS PLAN SUMMARY FOR
# PARKS & FACILITY MAINTENANCE PROJECTS

| PROJECT | Page No. | Project No. | 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 2025-2026 | Total |
|---|---|---|---|---|---|---|---|---|
| Clara's Garden Renovation | PFM - 3 | New | $ - | $ - | $ 570,000 | $ - | $ - | **$ 570,000.00** |
| Dog Park | PFM - 5 | 2001 | $ 55,000 | $ - | $ - | $ - | $ - | **$ 55,000.00** |
| Esposti Park Improvements | PFM - 7 | pf1822 | $ - | $ 25,000 | $ 402,500 | $ - | $ - | **$ 427,500.00** |
| Keiser Park Improvements | PFM - 9 | pf1880 | $ 900,000 | $ 1,300,000 | $ 2,000,000 | $ 23,000,000 | $ - | **$ 27,200,000.00** |
| Lighting for Keiser Park Baseball Fields | PFM - 11 | pf0011 | $ - | $ - | $ 494,500 | $ - | $ - | **$ 494,500.00** |
| Military (Veterans) Memorial Wall | PFM - 13 | New | $ - | $ - | $ - | $ 21,500 | $ 184,000 | **$ 205,500.00** |
| Pleasant Oak Park Improvements | PFM - 15 | New | $ - | $ - | $ - | $ 2,300,000 | $ - | **$ 2,300,000.00** |
| Pickleball Courts at Hiram Lewis Park | PFM - 17 | 2201 | $ 255,000 | $ - | $ - | $ - | $ - | **$ 255,000.00** |
| Senior Center Facility Improvements | PFM - 19 | 2002 | $ 405,000 | $ - | $ - | $ - | $ - | **$ 405,000.00** |
| Town Green Arbor Improvements | PFM - 21 | 2103 | $ - | $ - | $ 297,500 | $ - | $ - | **$ 297,500.00** |
| Vintage Oaks Park Improvements | PFM - 23 | New | $ - | $ - | $ - | $ 26,000 | $ 287,500 | **$ 313,500.00** |
| Wilson Ranch Soccer Park LED Field Lighting | PFM - 25 | pf0048 | $ - | $ - | $ 280,000 | $ 460,000 | $ - | **$ 740,000.00** |
| Wilson Ranch Soccer Park Improvements | PFM - 27 | New | $ - | $ - | $ - | $ 32,000 | $ 402,500 | **$ 434,500.00** |
| **TOTAL APPROPRIATIONS** | | | **$ 1,615,000** | **$ 1,325,000** | **$ 4,044,500** | **$ 25,839,500** | **$ 874,000** | **$ 33,698,000** |

# Clara's Garden Renovation






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Clara's Garden Renovation**

**Project No:** New

**GL No:** 010-74-25-21xx-4510-000

**Project Description:**
This project would be in conjunction with the Windsor Historical Society and would include a renovation of the garden located at the Hembree House Museum. It would provide ADA access into the garden, restore historic features and provide additional community access to the facility through the connection to the Windsor Creek Trail and the Windsor Senior Center.

**Department:**
Parks and Recreation

**Priority:**

| | |
|---|---|
| | **Mandate** |
| | **Necessary** |
| X | **Desirable** |

**Justification:**
The 2030 Parks and Recreation Master Plan calls for on-going partnerships and collaborations. This project will build upon the long standing realationship between the Town and the Windsor Historical Society.

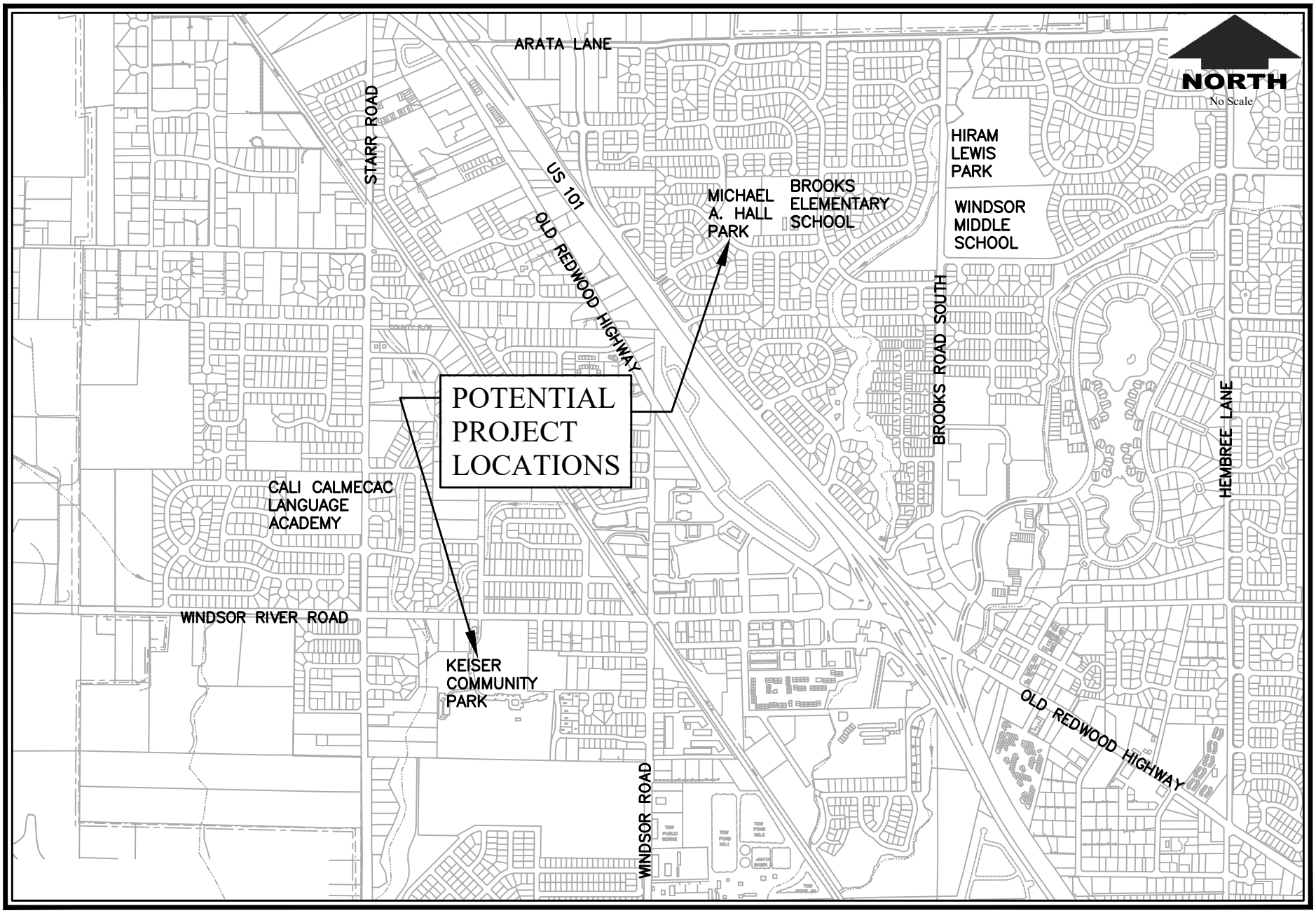
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES** ( )
**NO** ( X )

**General Plan Consistency:**
This project is consistent with the 2040 General Plan. PFS-9.7 Special Service Facilities. The Town shall provide special service facilities that serve a single recreation function, the recreational needs of a special population, and/or indoor recreational facilities. These facilities should be on or adjacent to parks or existing school sites. Facilities desirable in Windsor include communicy gardens and walking paths.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design | - | - | | - | - | 60,000 | - | - | $ 60,000 |
| | Construction | - | - | | - | - | 510,000 | - | - | $ 510,000 |
| | **Total** | $ - | $ - | | $ - | $ - | $ 570,000 | $ - | $ - | $ 570,000 |
| **Funding Sources:** | General Fund | - | - | | - | - | - | - | - | $ - |
| | Grants and Donations | - | - | | - | - | 570,000 | - | - | $ 570,000 |
| | **Total** | $ - | $ - | | $ - | $ - | $ 570,000 | $ - | $ - | $ 570,000 |
| **Estimated O & M** | | | | | | | | | | |

# Dog Parks






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Dog Park**

**Project No:** 2001

**GL No:** 010-74-25-2001-4510-000

**Project Description:**
This project has been moving through public outreach process and includes a subcommittee from the Parks and Recreation Commission to determine the best location and amenities for adding a new dog park in Windsor. Potential loctions were idenified through the Master Plan however, based on the community feedback, the desire for a turf dog park rose to the top. The community outreach process will continue prior to construction to ensure proper placement. This project will support a park approximatly 30,000 sq. ft. in size.

**Department:**
Parks and Recreation

**Priority:**

| | |
|---|---|
| | **Mandate** |
| | **Necessary** |
| X | **Desirable** |

**Justification:**
The Parks and Recreation Master Plan recommendation R4.1-1: Determine potential locations for desired park elements including a dog park.

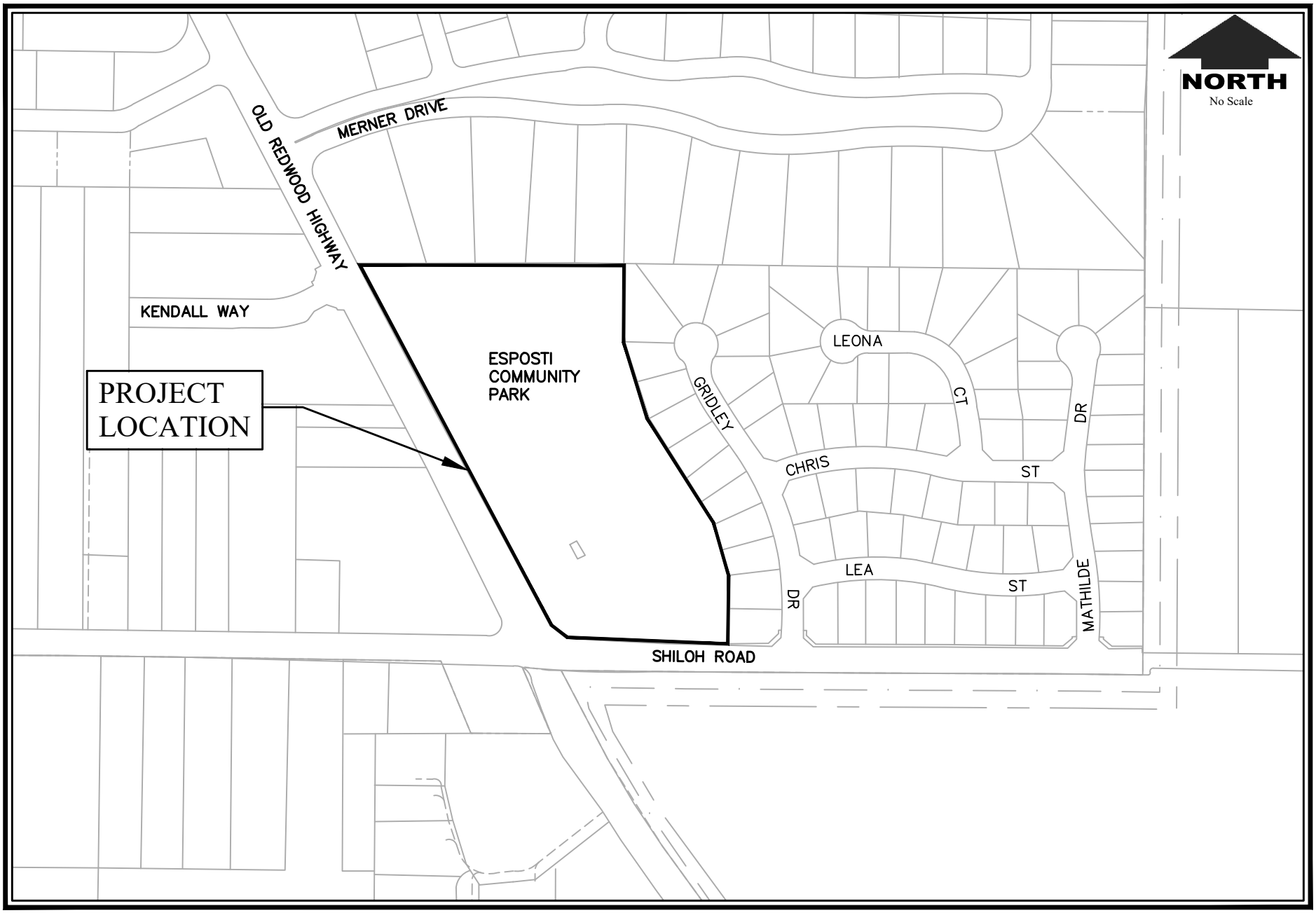
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
This project is consistent with the 2040 General Plan. PFS-9.7 Special Service Facilities. The Town shall provide special service facilities that serve a single recreation function, the recreational needs of a special population, and/or indoor recreational facilities. These facilities should be on or adjacent to parks or existing school sites. Facilities desirable in Windsor include Dog Parks.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design | - | - | | 5,000 | - | - | - | - | $ 5,000 |
| | Construction | - | - | | 50,000 | - | - | - | - | $ 50,000 |
| | **Total** | $ - | $ - | | $ 55,000 | $ - | $ - | $ - | $ - | $ 55,000 |
| **Funding Sources:** | Measure M | - | - | | 50,000 | - | - | - | - | $ 50,000 |
| | General Fund Donations | - | - | | 5,000 | - | - | - | - | $ 5,000 |
| | **Total** | $ - | $ - | | $ 55,000 | $ - | $ - | $ - | $ - | $ 55,000 |
| **Estimated O & M** | | | | | | | | | | |

# Esposti Park Improvements






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Esposti Park Improvements**

**Project No:** pf1822
**GL No:** 220-74-25-1822-4510-000

**Project Description:**
Implement phase two of the adopted Esposti Park Master Plan which includes additional parking, field renovations, and a playground. Design phase will include outreach to user groups.

**Department:**
Parks and Recreation Department

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
Improvements to this park at this time are compatible with future park improvement identified in the adopted Esposti Park Master Plan. The Parks and Recreation Master Plan recommendation R2.2-2 calls for these improvements at Esposti Park pursuant to the development of the Keiser Park Aquatic and Community Center and the loss of those ball fields.

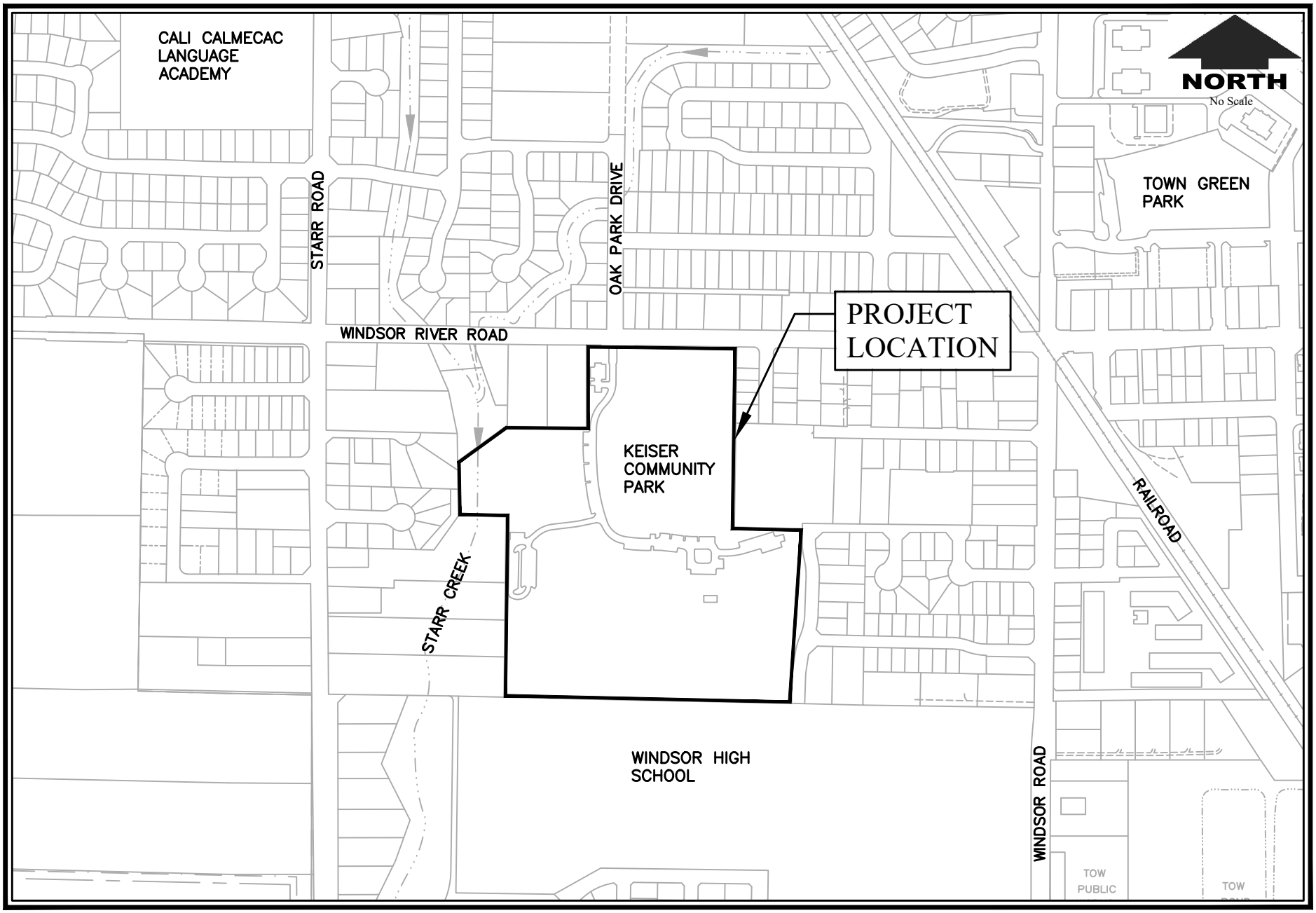
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
This project is consistent with the 2040 General Plan. PFS-9.6 Park Facilities. The Town shall encourage the development of facilities that foster active participation, are accessible, and affordable.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design | 25,000 | | | - | 25,000 | | | | $ 25,000 |
| | Construction | - | - | | - | | 350,000 | | | $ 350,000 |
| | Construction Management | - | - | | - | | 52,500 | | | $ 52,500 |
| | | - | - | | - | | | | | $ - |
| | | - | - | | - | | | | | $ - |
| | | - | - | | - | | | | | $ - |
| | **Total** | $ 25,000 | $ - | | $ - | $ 25,000 | $ 402,500 | $ - | $ - | $ 427,500 |
| **Funding Sources:** | Park Development | 25,000 | - | | | 25,000 | 200,000 | | | $ 225,000 |
| | Capital Replacement | - | - | | | | 202,500 | | | $ 202,500 |
| | **Total** | $ 25,000 | $ - | | $ - | $ 25,000 | $ 402,500 | $ - | $ - | $ 427,500 |
| **Estimated O & M** | | | | | | | | | | |

# Keiser Park Improvements






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Keiser Park Improvements**

**Project No:** pf1880

**GL No:** 220-74-25-2102-4510-000

**Project Description:**
The development phases for the improvements at Keiser Park will be identified through the park master plan update process which is beginning in the spring of 2021. This project will identify the placement of the aquatic facility, the community center and gym, will layout development for the park expansion potential and will idenfity additional park amenities suc as pedestrian bridges over creek, oak grove picnic improvements and field lighting. This project addresses a phased development approach for building both the aquatic center and community center with gym.

**Department:**
Parks and Recreation Department

**Priority:**

| | |
|---|---|
| | **Mandate** |
| | **Necessary** |
| X | **Desirable** |

**Justification:**
The Parks and Recreation Master Plan identifies these improvements as consistent with both the PRMP and the Keiser Park Master Plan. R10.3-7 calls to create and preserve wildlife habitat, and R5.6-3 calls for the designation and promotion of rentable areas.

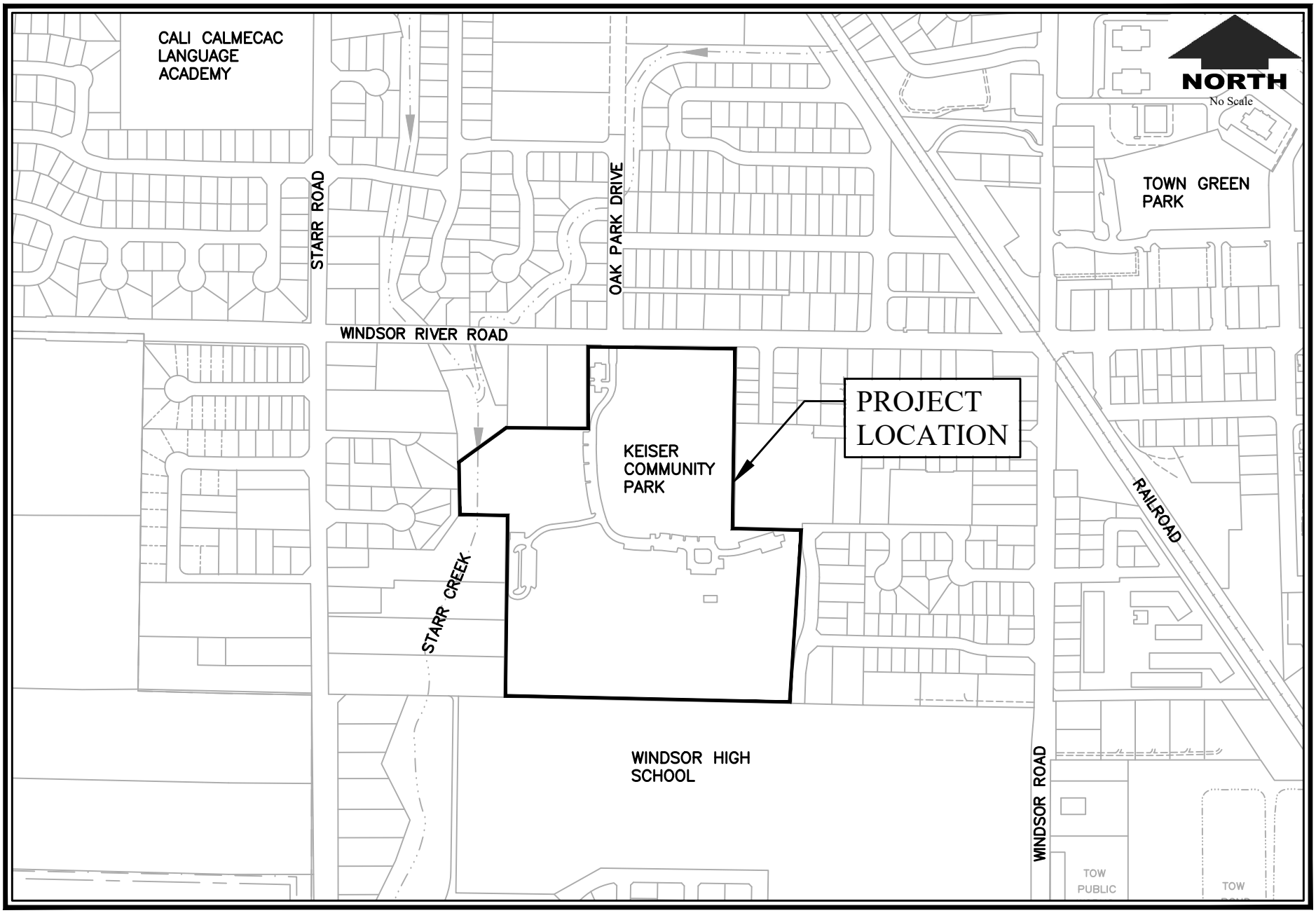
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
This project is consistent with the 2040 General Plan. PFS-9.6 Park Facilities. The Town shall encourage the development of facilities that foster active participation, are accessible, and affordable. PFS-9.20 Keiser Park Master Plan. The Town shall implement the Keiser Park Master Plan, based on community input, to accommodate an Aquatics Center, multi-generational Community Center, and expansion of parkland.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design | - | 270,070 | - | | 2,000,000 | | | $ 2,000,000 |
| | Environmental Review | | | | | | | | $ - |
| | Construction | | | - | | | 20,000,000 | | $ 20,000,000 |
| | Construction Management | | | | | | 3,000,000 | | $ 3,000,000 |
| | Acquisition | | | 900,000 | 1,300,000 | | | | $ 2,200,000 |
| | | | | | | | | | $ - |
| | **Total** | $ - | $ 270,070 | $ 900,000 | $ 1,300,000 | $ 2,000,000 | $ 23,000,000 | $ - | $ 27,200,000 |
| **Funding Sources:** | General Fund | | - | - | | | 8,600,000 | | $ 8,600,000 |
| | Park Development | - | - | 250,000 | 400,000 | | | | $ 650,000 |
| | Community Benefit Funds | | | | | 2,000,000 | 14,400,000 | | $ 16,400,000 |
| | Grant Funding | | | 650,000 | 900,000 | | | | $ 1,550,000 |
| | Other | | | | | | | | $ - |
| | **Total** | $ - | $ - | $ 900,000 | $ 1,300,000 | $ 2,000,000 | $ 23,000,000 | $ - | $ 27,200,000 |
| **Estimated O & M** | | | | | | | | | |

# Lighting for Keiser Park Baseball Fields






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Lighting for Keiser Park Baseball Fields**

**Project No:** pf0011

**GL No:** XX

**Project Description:**
This project will add field lighting to the Matt Mullan Field "A". The Keiser Park As-Built plans include conduit that was installed during the Phase 1 construction due to the need in 2008. Completed project will include poles, fixtures and controls. Neighborhood outreach was completed during the design process to address community impact. Add future lights to fields B and C.

**Department:**
Parks and Recreation

**Priority:**

| | |
|---|---|
| | **Mandate** |
| | **Necessary** |
| X | **Desirable** |

**Justification:**
The addition of lighting to this field will allow the extension of play both in the time of day and extended seasons and is consistent with the Parks and Recreation Master Plan recommendation R2.2-4. This will increase rental and revenue generating program potential, allowing for youth baseball and adult softball league expansions. The infrastructure underground was identified as part of Phase 1 of the project but was limited due to budge constraints. The Environmental Impact Report for Keiser includes the field lighting impacts to the surrounding neighbors.

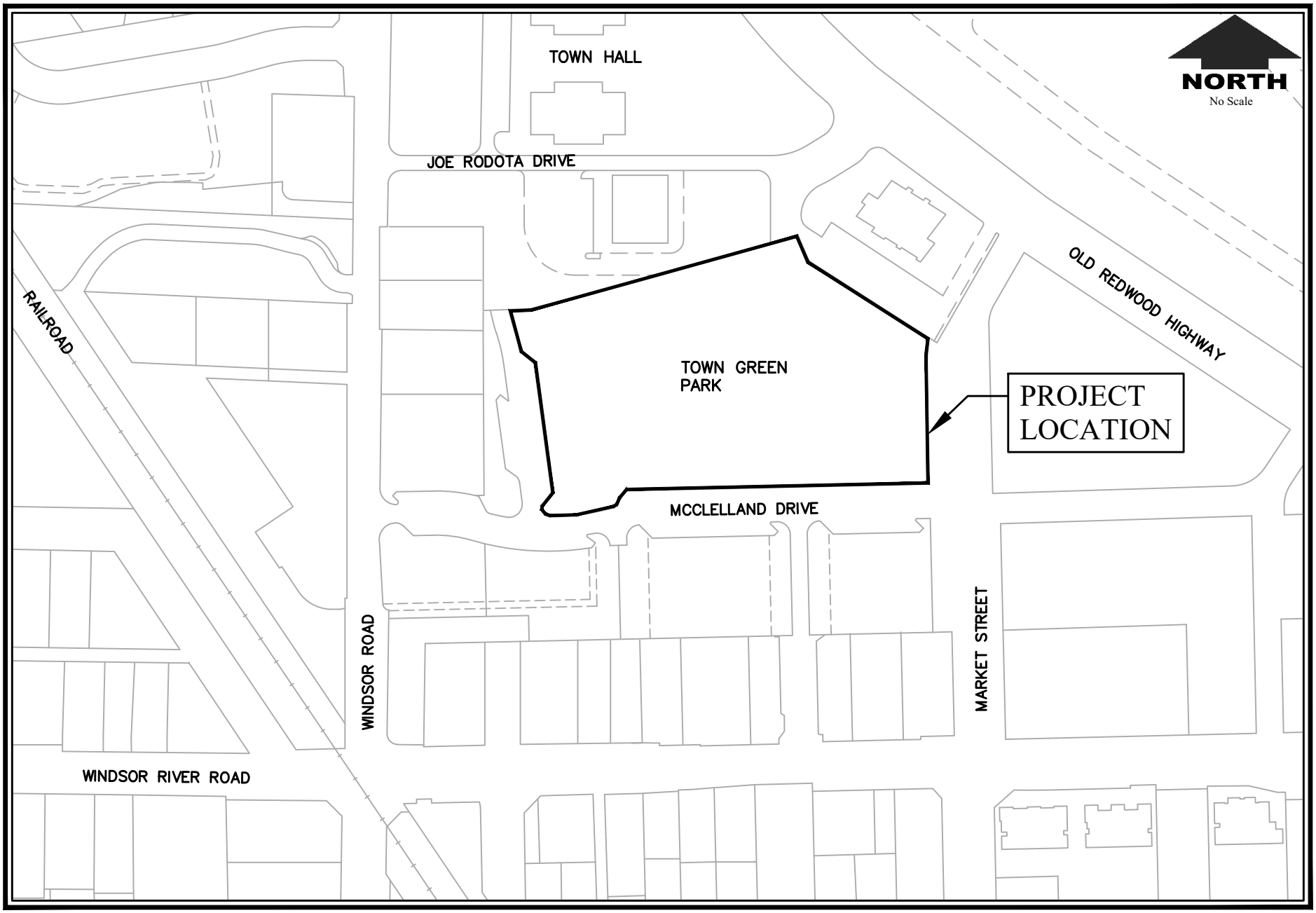
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
This project is consistent with the 2040 General Plan . PFS-9.6 Park Facilities. The Town shall encourage the development of facilities that foster active participation, are accessible, and affordable. PFS-9.20 Keiser Park Master Plan. The Town shall implement the Keiser Park Master Plan, based on community input, to accommodate an Aquatics Center, multi-generational Community Center, and expansion of parkland. PFS-9.14 Park Revenue. The Town shall secure annual adequate funding for park maintenance, while considering revenue-generating opportunities in developing and managing park and recreation facilities. R2.2-4 Add field lighting to Keiser Field A.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Outreach | - | - | | - | - | - | - | - | $ - |
| | Design/Admin | - | - | | - | - | - | - | - | $ - |
| | Electrical | - | - | | - | - | - | - | - | $ - |
| | Construction | - | - | | - | - | 430,000 | - | - | $ 430,000 |
| | Management | - | - | | - | - | 64,500 | - | - | $ 64,500 |
| | **Total** | $ - | $ - | | $ - | $ - | $ 494,500 | $ - | $ - | $ 494,500 |
| **Funding Sources:** | Park Development | - | - | | - | - | 494,500 | - | - | $ 494,500 |
| | **Total** | $ - | $ - | | $ - | $ - | $ 494,500 | $ - | $ - | $ 494,500 |
| **Estimated O & M** | | | | | | | | | | |

# Military (Veterans) Memorial Wall






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Military (Veterans) Memorial Wall**

**Project No:** New

**GL No:** XX

**Project Description:**
This project includes public input and working with the Military Banner Committee and PAAC to design and build a wall to honor those members of the community who have served in the military. This memorial will be located near the flags poles on the Town Green.

**Department:**
Parks and Recreation Department

**Priority:**

| | |
|---|---|
| | **Mandate** |
| | **Necessary** |
| X | **Desirable** |

**Justification:**
Currently the Town Military Banner Program honors Windsor Residents who are serving in active duty. There is not an opportunity to recognize veterans within our community.

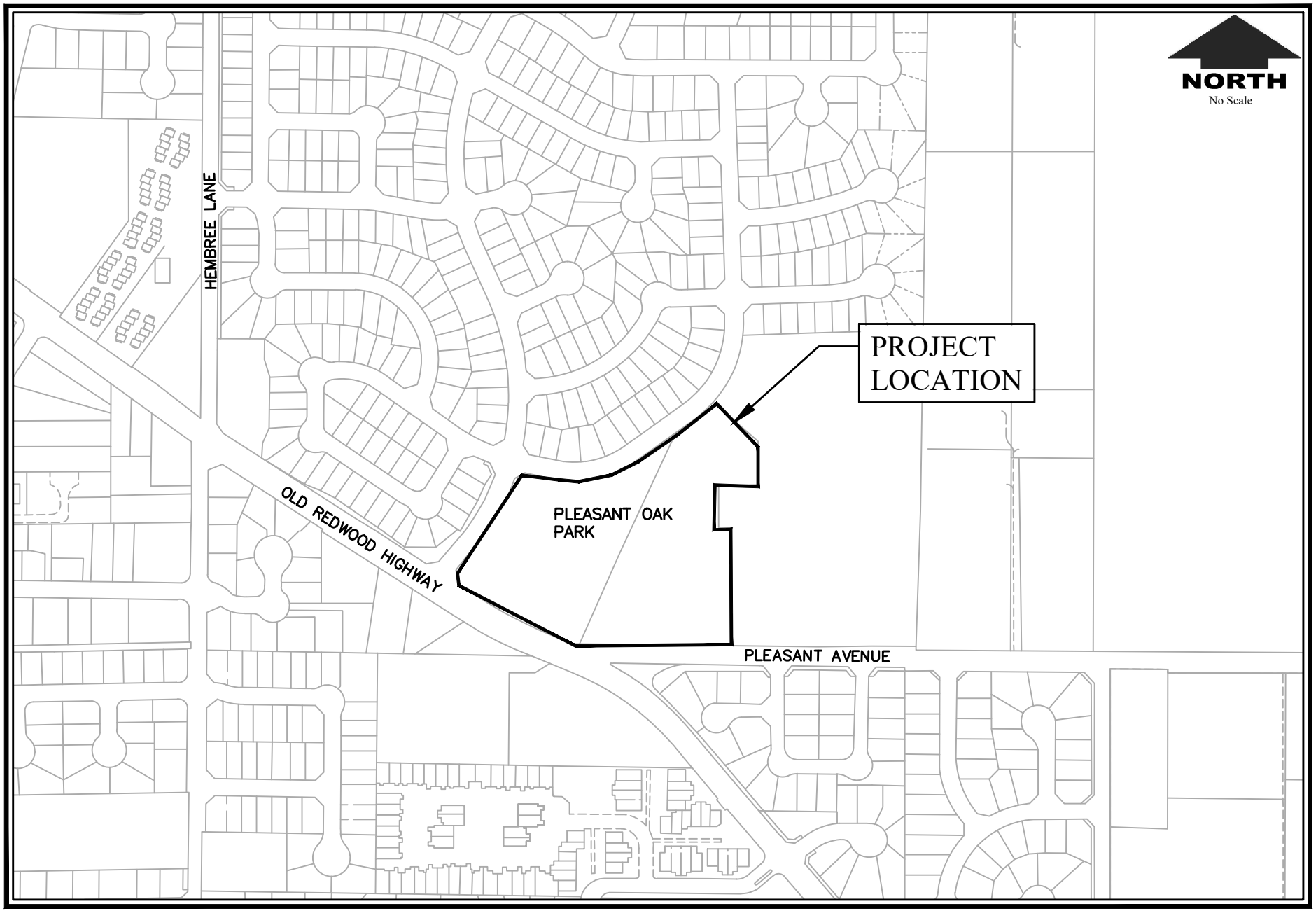
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
This project is consistent with the 2040 General Plan. PFS-9.7 Special Service Facilities. The Town shall provide special service facilities that serve a single recreation function, the recreational needs of a special population, and/or indoor recreational facilities. These facilities should be on or adjacent to parks or existing school sites.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design | - | - | | | | | 20,000 | | $ 20,000 |
| | Outreach | - | - | | | | | 1,500 | | $ 1,500 |
| | Construction | - | - | | - | | - | - | 160,000 | $ 160,000 |
| | Construction Management | - | - | | - | | - | - | 24,000 | $ 24,000 |
| | | - | - | | - | | - | - | | $ - |
| | **Total** | $ - | $ - | | $ - | $ - | $ - | $ 21,500 | $ 184,000 | $ 205,500 |
| **Funding Sources:** | General Fund | - | - | | | | | 21,500 | 92,000 | $ 113,500 |
| | General Fund Donations | - | - | | - | | - | - | 92,000 | $ 92,000 |
| | **Total** | $ - | $ - | | $ - | $ - | $ - | $ 21,500 | $ 184,000 | $ 205,500 |
| **Estimated O & M** | | | | | | | | | | |

# Pleasant Oak Park Improvements






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Pleasant Oak Park Improvements**

**Project No:** new

**GL No:** XX

**Project Description:**
This project will include the design and community outreach process needed to improve the amenities at Plesant Oak Park. Scope of work includes repairing and replacing the pathway system, upgranding the playgrounds, designing an inclusive play space and construction of the design.

**Department:**
Parks and Recreation Department

**Priority:**

| | |
|---|---|
| | **Mandate** |
| | **Necessary** |
| X | **Desirable** |

**Justification:**
This project was identified through the Park and Recreation Master Plan Update process.

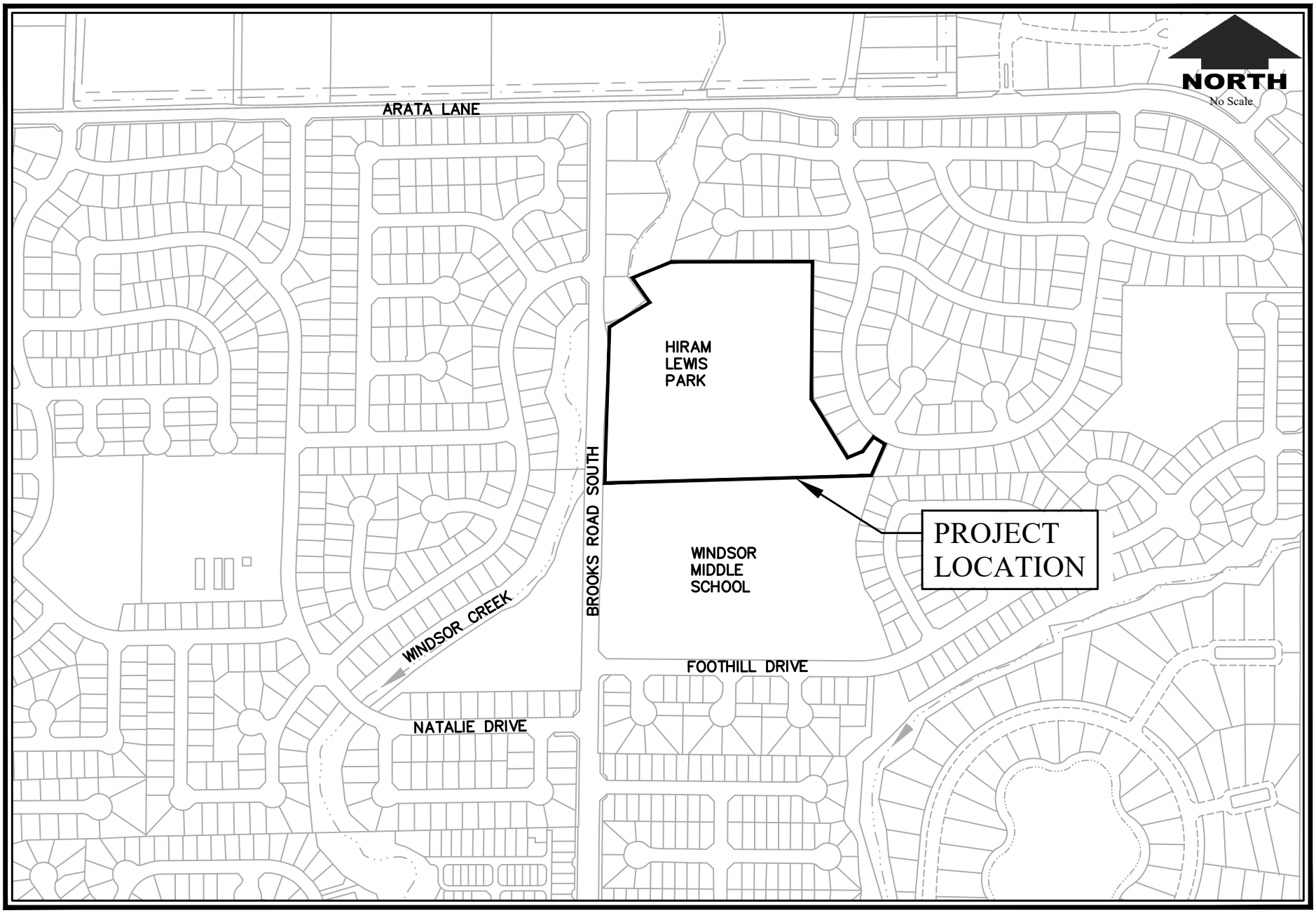
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
This project is consistent with the 2040 General Plan. PFS-9.6 Park Facilities. The Town shall encourage the development of facilities that foster active participation, are accessible, and affordable. PFS-9.7 Special Service Facilities. The Town shall provide special service facilities that serve a single recreation function, the recreational needs of a special population, and/or indoor recreational facilities. These facilities should be on or adjacent to parks or existing school sites.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design | - | - | - | - | | | | $ - |
| | Construction | | | - | | | 2,000,000 | | $ 2,000,000 |
| | Construction Management | - | - | | | | 300,000 | | $ 300,000 |
| | | - | - | - | | | | | $ - |
| | | - | - | - | | | | | $ - |
| | **Total** | $ - | $ - | $ - | $ - | $ - | $ 2,300,000 | $ - | $ 2,300,000 |
| **Funding Sources:** | Capital Replacement | | | - | - | | 650,000 | | $ 650,000 |
| | Grant Funded | | | - | | | 1,150,000 | | $ 1,150,000 |
| | Measure M | | | | | | 250,000 | | $ 250,000 |
| | General Fund Donations | | | | | | 250,000 | | $ 250,000 |
| | **Total** | $ - | $ - | $ - | $ - | $ - | $ 2,300,000 | $ - | $ 2,300,000 |
| **Estimated O & M** | | | | | | | | | |

# Pickleball Courts at Hiram Lewis Park






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Pickleball Courts at Hiram Lewis Park**

**Project No:** New
**GL No:** 197-74-25-2201-4510-000
220-74-25-2201-4510-000
125-74-25-2201-4510-000

**Project Description:**
This project has been identified and supported by numerous residents. This would construct four new pickleball courts adjacent to the existing tennis courts at Hiram Lewis Community Park. These would be dedicated courts and would allow for the pickleball lines on the two current tennis courts to be removed. This project would also include drainage improvements within the entire area which would benefit both the tennis and new pickleball courts.

**Department:**
Parks and Recreation

**Priority:**

| | |
|---|---|
| | **Mandate** |
| | **Necessary** |
| X | **Desirable** |

**Justification:**
The Parks and Recreation Master Plan Recommendation R4.1-1: Determine potential locations for desired park elements including pickleball courts.

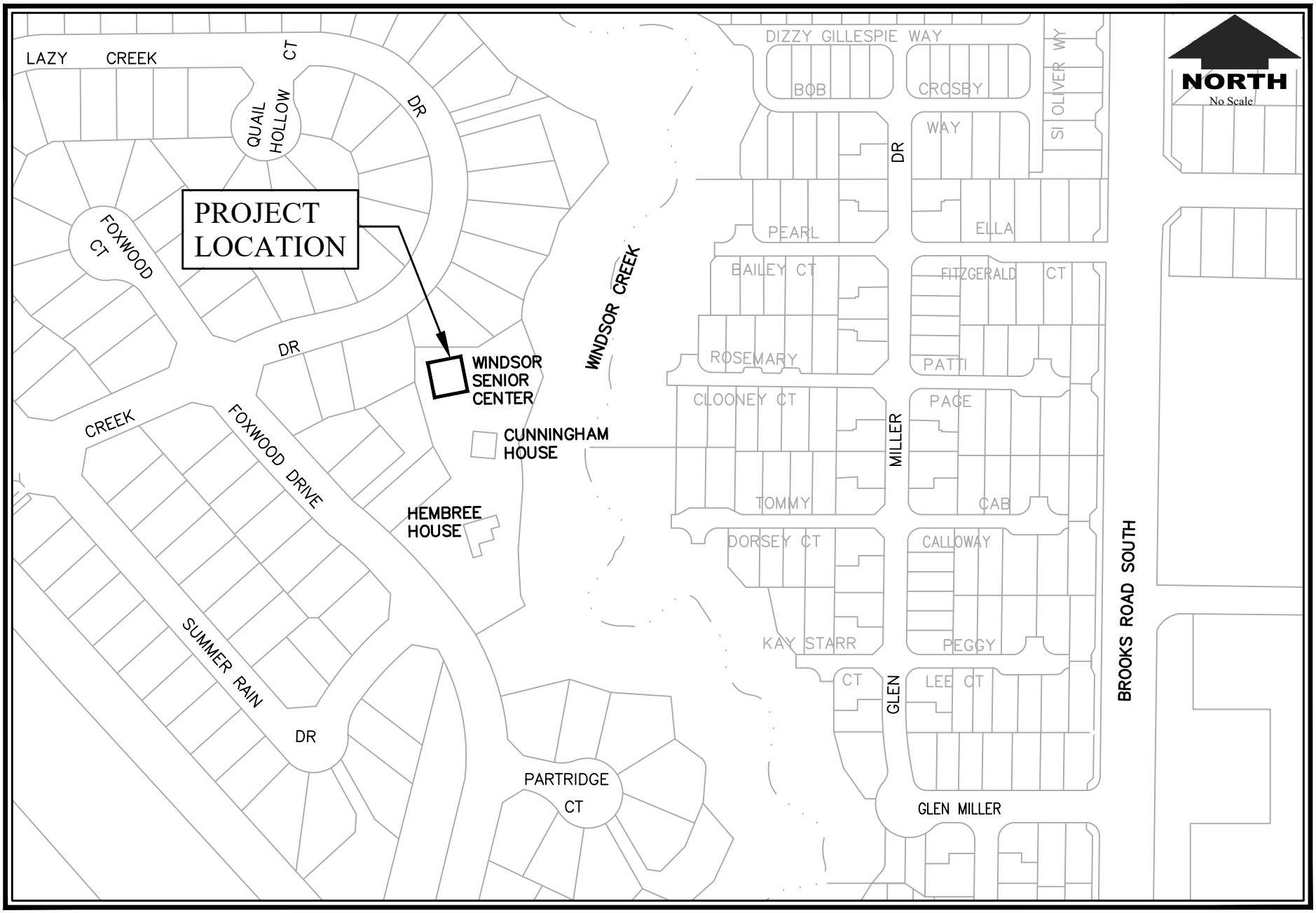
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
This project is consistent with the 2040 General Plan. PFS-9.7 Special Service Facilities. The Town shall provide special service facilities that serve a single recreation function, the recreational needs of a special population, and/or indoor recreational facilities. These facilities should be on or adjacent to parks or existing school sites. Facilities desirable in Windsor include Pickleball Courts.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design | - | - | | - | - | - | - | - | $ - |
| | Construction | - | - | | 225,000 | - | - | - | - | $ 225,000 |
| | Construction Management | - | - | | 30,000 | - | - | - | - | $ 30,000 |
| | | - | - | | - | - | - | - | - | $ - |
| | **Total** | $ - | $ - | | $ 255,000 | $ - | $ - | $ - | $ - | $ 255,000 |
| **Funding Sources:** | Prop 68 Grant Funds | - | - | | 152,000 | - | - | - | - | $ 152,000 |
| | Park Development | - | - | | 53,000 | - | - | - | - | $ 53,000 |
| | Measure M | - | - | | 25,000 | - | - | - | - | $ 25,000 |
| | General Fund Donations | - | - | | 25,000 | - | - | - | - | $ 25,000 |
| | **Total** | $ - | $ - | | $ 255,000 | $ - | $ - | $ - | $ - | $ 255,000 |
| **Estimated O & M** | | | | | | | | | | |

# Senior Center Facility Improvements






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Senior Center Facility Improvements**

**Project No:** 2002

**GL No:** 186-76-25-2002-4510-000

**Project Description:**
These upgrades have been identified by staff as a necesity to keep up with the expanding programming needs at the Windsor Senior Center. This will include replacing flooring and baseboards in all of the main interior area, updating the layout and functionality of the lobby and reconfiguring the doors which divide the small rooms and large room for better access, sound barrier, kitchen renovation to bring it up to commericial standards, reconfiguring the restrooms and replacing the roof.

**Department:**
Parks and Recreation

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
The Senior Center is a heavily used Town facility. The last major improvements occurred in 2012/2013 when the swimming pool was resurfaced, solor panels were added and the building was painted. This facility is due for improvements to increase fuctionality and program capacity.

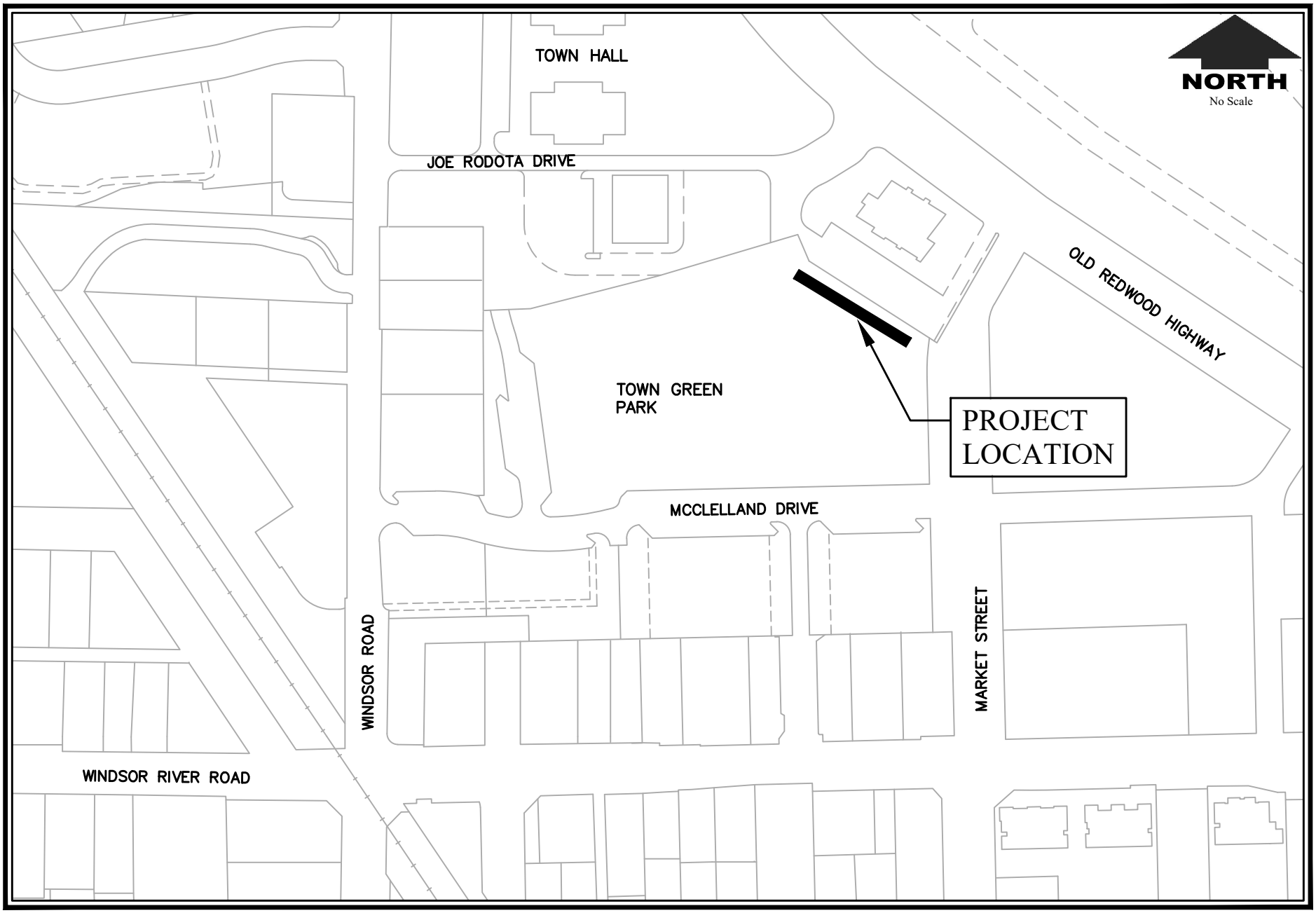
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
This project is consistent with the 2040 General Plan. PFS-9.6 Park Facilities. The Town shall encourage the development of facilities that foster active participation, are accessible, and affordable. PFS-9.7 Special Service Facilities. The Town shall provide special service facilities that serve a single recreation function, the recreational needs of a special population, and/or indoor recreational facilities. These facilities should be on or adjacent to parks or existing school sites.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design | - | 20,000 | | - | - | - | - | - | $ - |
| | Construction | - | - | | 350,000 | - | - | - | - | $ 350,000 |
| | Facility Roof | - | - | | 55,000 | - | - | - | - | $ 55,000 |
| | Kitchen Improvements | - | - | | - | - | - | - | - | $ - |
| | **Total** | $ - | $ 20,000 | | $ 405,000 | $ - | $ - | $ - | $ - | $ 405,000 |
| **Funding Sources:** | Capital Replacement | - | - | | 405,000 | - | - | - | - | $ 405,000 |
| | Measure M | - | 20,000 | | - | - | - | - | - | $ - |
| | **Total** | $ - | $ 20,000 | | $ 405,000 | $ - | $ - | $ - | $ - | $ 405,000 |
| **Estimated O & M** | | | | | | | | | | |

# Town Green Arbor






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Town Green Arbor Improvements**

**Project No:** 2103

**GL No:** 186-74-25-2103-4510-000

**Project Description:**
This project will include replacing decomposed grantite with stampted concrete or other non-permeable surface and replacing wood support posts and other wood beams. The non-permiable surface would prevent further damage to the renovated structure due to water and weather.

**Department:**
Parks and Recreation Department

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
This project has been identified by staff. The existing wood beams are beginning to show age and signs of wood rot due to long-term water damage.

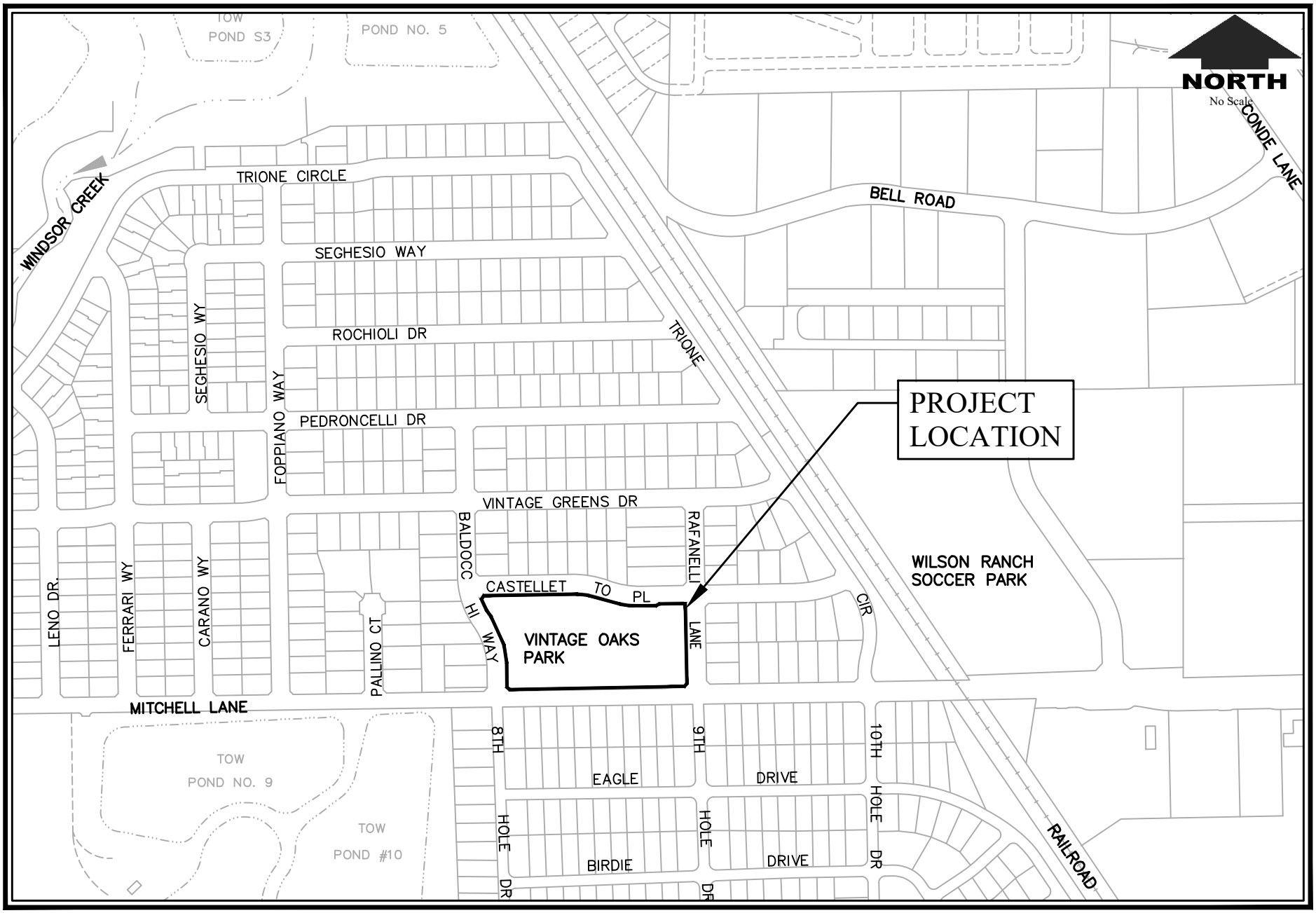
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
This project is consistent with the 2040 General Plan. PFS-9.16 Park Maintenance. The Town shall continue to increase maintenance efficiencies for parks and facilities.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Engineering and Design | - | - | - | | 10,000 | | | $ 10,000 |
| | Construction | | | | - | 250000 | | | $ 250,000 |
| | Construction Management | | | - | - | 37,500 | | | $ 37,500 |
| | | - | - | | | | | | $ - |
| | | - | - | - | | | | | $ - |
| | **Total** | $ - | $ - | $ - | $ - | $ 297,500 | $ - | $ - | $ 297,500 |
| **Funding Sources:** | Capital Replacement | | | - | - | 297,500 | | | $ 297,500 |
| | | | | - | | | | | $ - |
| | **Total** | $ - | $ - | $ - | $ - | $ 297,500 | $ - | $ - | $ 297,500 |
| **Estimated O & M** | | | | | | | | | |

# Vintage Oaks Park Improvements






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Vintage Oaks Park Improvements**

**Project No:** New

**GL No:** XX

**Project Description:**
Design and install prefab single use restroom to serve the rental area, basketball court and playground. Design would include public outreach to neighbors and user groups.

**Department:**
Parks and Recreation Department

**Priority:**

| | |
|---|---|
| _____ | **Mandate** |
| _____ | **Necessary** |
| X | **Desirable** |

**Justification:**
This project was identified through the Park and Recreation Master Plan Update process. Recommendation R4.1-3 calls for neighborhood parks which draw from a larger service area and typically support longer use periods to be considered for a restroom.

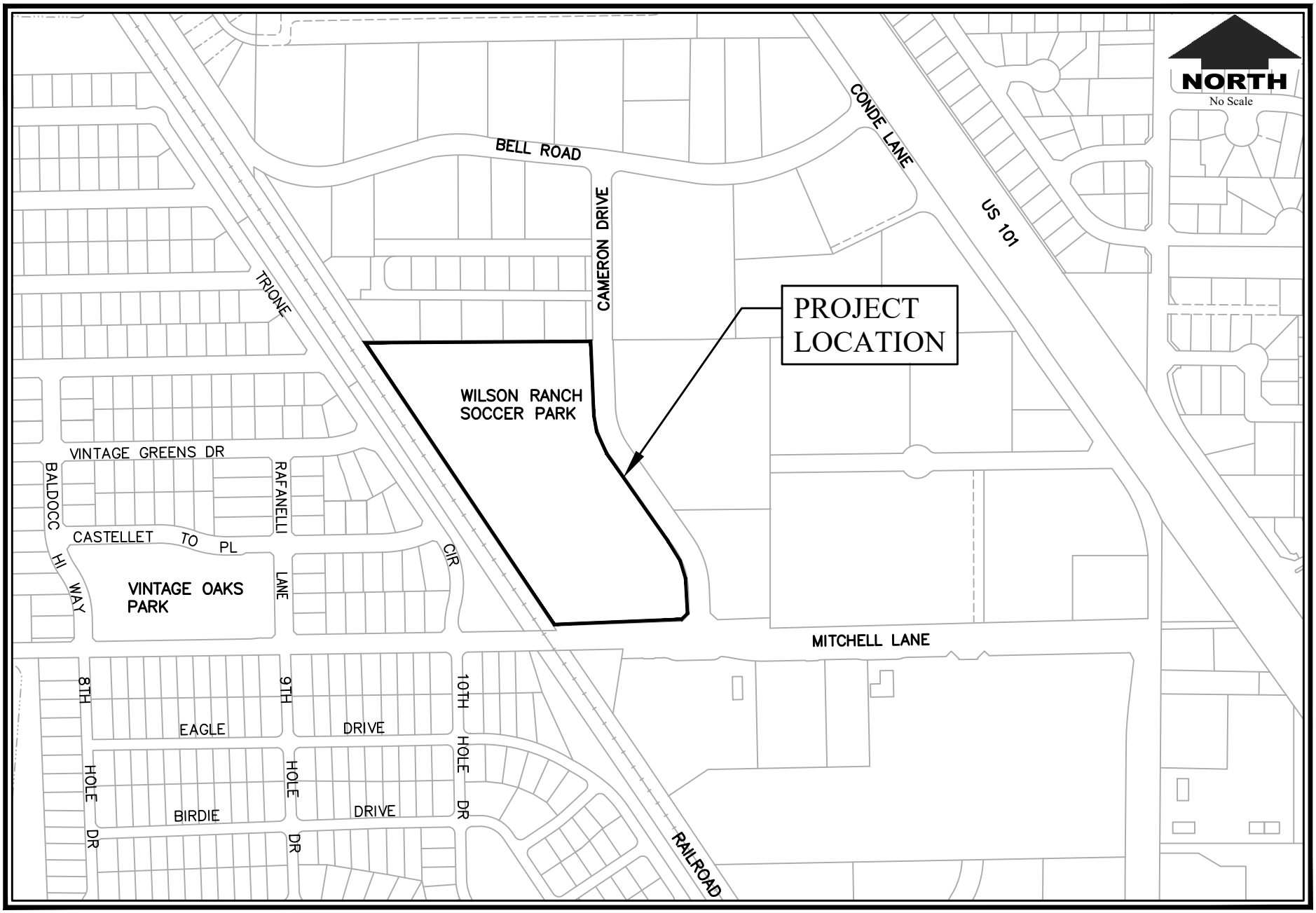
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
This project is consistent with the 2040 General Plan. PFS-9.6 Park Facilities. The Town shall encourage the development of facilities that foster active participation, are accessible, and affordable.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design | - | - | - | | | 25,000 | | $ 25,000 |
| | Outreach | - | - | - | | | 1,000 | | $ 1,000 |
| | Construction | - | - | - | | | | 250,000 | $ 250,000 |
| | Construction Management | - | - | - | | | | 37,500 | $ 37,500 |
| | | - | - | - | | | | | $ - |
| | **Total** | $ - | $ - | $ - | $ - | $ - | $ 26,000 | $ 287,500 | $ 313,500 |
| **Funding Sources:** | Park Development | - | - | - | | | 26,000 | 287,500 | $ 313,500 |
| | | - | - | - | | | | | $ - |
| | **Total** | $ - | $ - | $ - | $ - | $ - | $ 26,000 | $ 287,500 | $ 313,500 |
| **Estimated O & M** | | | | | | | | | |

# Wilson Ranch Soccer Park LED Field Lighting






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Wilson Ranch Soccer Park LED Field Lighting**

**Project No:** pf0048

**GL No:** 186-74-25-xxxx-4510-000

**Project Description:**
Phase one is to convert the existing four sets of lights from HID to LED. Phase two is to install 3 additional sets (6 total) of lighting to the to the existing four (4) sets of lights at Wilson Ranch field to finish out the lighting of the park.

**Department:**
Parks and Recreation

**Priority:**

| | |
|---|---|
| | **Mandate** |
| | **Necessary** |
| X | **Desirable** |

**Justification:**
The Parks and Recreation Master Plan Recommendation R2.2-4: Add field lighting toWilson Ranch Soccer Park.

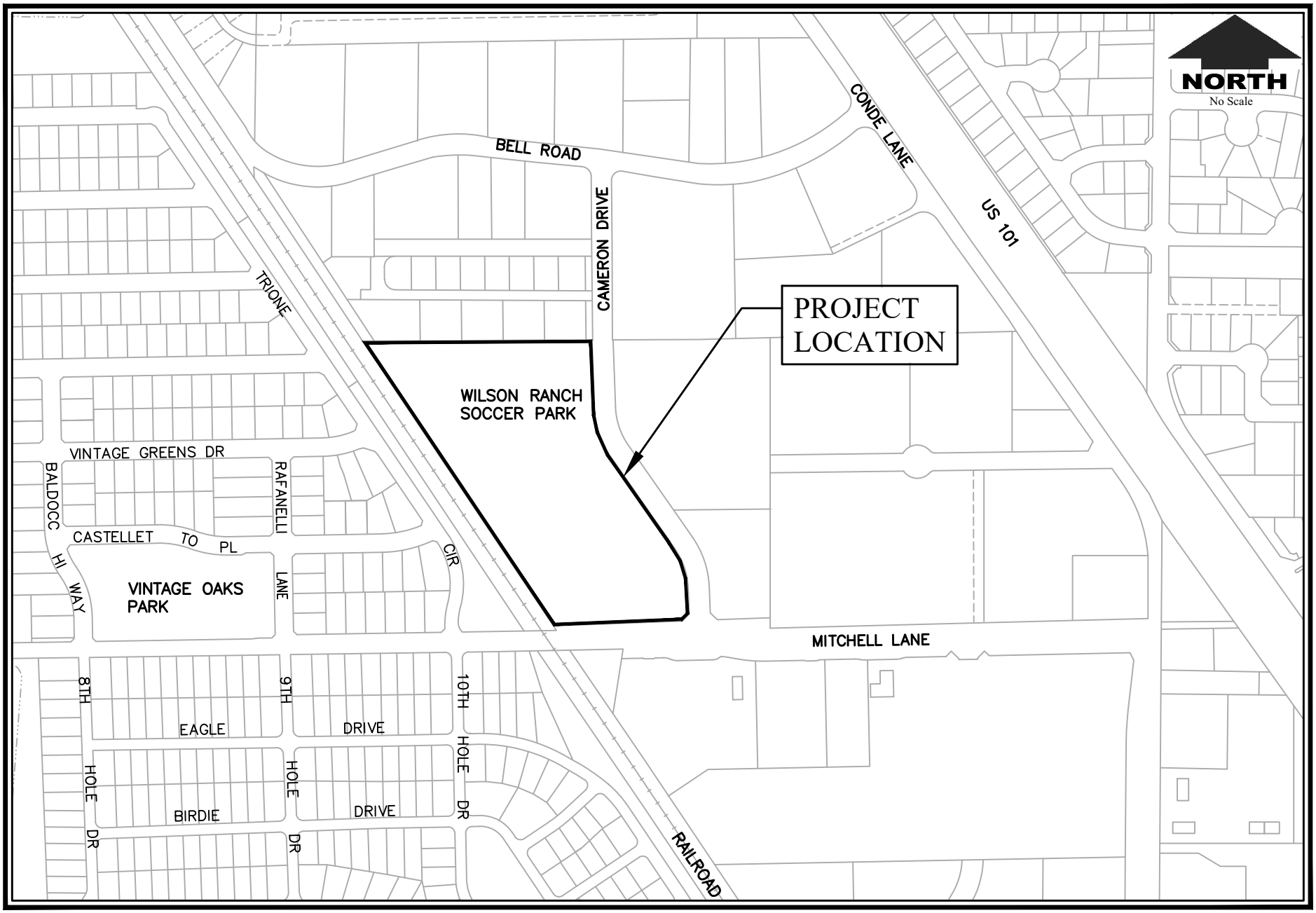
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
This project is consistent with the 2040 General Plan and the 2030 Parks and Recreation Master Plan. PFS-9.6 Park Facilities. The Town shall encourage the development of facilities that foster active participation, are accessible, and affordable. PFS-9.14 Park Revenue. The Town shall secure annual adequate funding for park maintenance, while considering revenue-generating opportunities in developing and managing park and recreation facilities.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Existing LED Conversion | - | - | | - | - | 280,000 | - | - | $ 280,000 |
| | Construction of new standards | - | - | | - | - | - | 400,000 | - | $ 400,000 |
| | Project Management/CM | - | - | | - | - | - | 60,000 | - | $ 60,000 |
| | | | | | | | | | | $ - |
| | | | | | | | | | | $ - |
| | | | | | | | | | | $ - |
| | **Total** | $ - | $ - | | $ - | $ - | $ 280,000 | $ 460,000 | $ - | $ 740,000 |
| **Funding Sources:** | Capital Replacement | - | - | | - | - | 280,000 | - | - | $ 280,000 |
| | Park Development | - | - | | - | - | - | 460,000 | - | $ 460,000 |
| | | | | | | | | | | $ - |
| | | | | | | | | | | $ - |
| | | | | | | | | | | $ - |
| | **Total** | $ - | $ - | | $ - | $ - | $ 280,000 | $ 460,000 | $ - | $ 740,000 |
| **Estimated O & M** | | | | | | | | | | |

# Wilson Ranch Soccer Park Improvements






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Wilson Ranch Soccer Park Improvements**

**Project No:** New

**GL No:** XX

**Project Description:**
This project will install a playground, outdoor fitness equipment and a walking track to the park. Design process will include public outreach to park user groups and neighbors.

**Department:**
Parks and Recreation Department

**Priority:**

| | |
|---|---|
| | **Mandate** |
| | **Necessary** |
| X | **Desirable** |

**Justification:**
This project will complete the plans for the Wilson Ranch Soccer Park.

**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
This project is consistent with the 2040 General Plan. PFS-9.6 Park Facilities. The Town shall encourage the development of facilities that foster active participation, are accessible, and affordable. PFS-9.7 Special Service Facilities. The Town shall provide special service facilities that serve a single recreation function, the recreational needs of a special population, and/or indoor recreational facilities. These facilities should be on or adjacent to parks or existing school sites.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design | - | - | - | | | 30,000 | | $ 30,000 |
| | Outreach | - | - | - | | | 2,000 | | $ 2,000 |
| | Construction | - | - | - | | | | 350,000 | $ 350,000 |
| | Construction Management | - | - | - | | | | 52,500 | $ 52,500 |
| | | - | - | - | | | | | $ - |
| | **Total** | $ - | $ - | $ - | $ - | $ - | $ 32,000 | $ 402,500 | $ 434,500 |
| **Funding Sources:** | Park Development | - | - | - | | | 32,000 | 402,500 | $ 434,500 |
| | | - | - | - | | | | | $ - |
| | **Total** | $ - | $ - | $ - | $ - | $ - | $ 32,000 | $ 402,500 | $ 434,500 |
| **Estimated O & M** | | | | | | | | | |

This Page Intentionally Blank

# STORM DRAINAGE PROJECTS

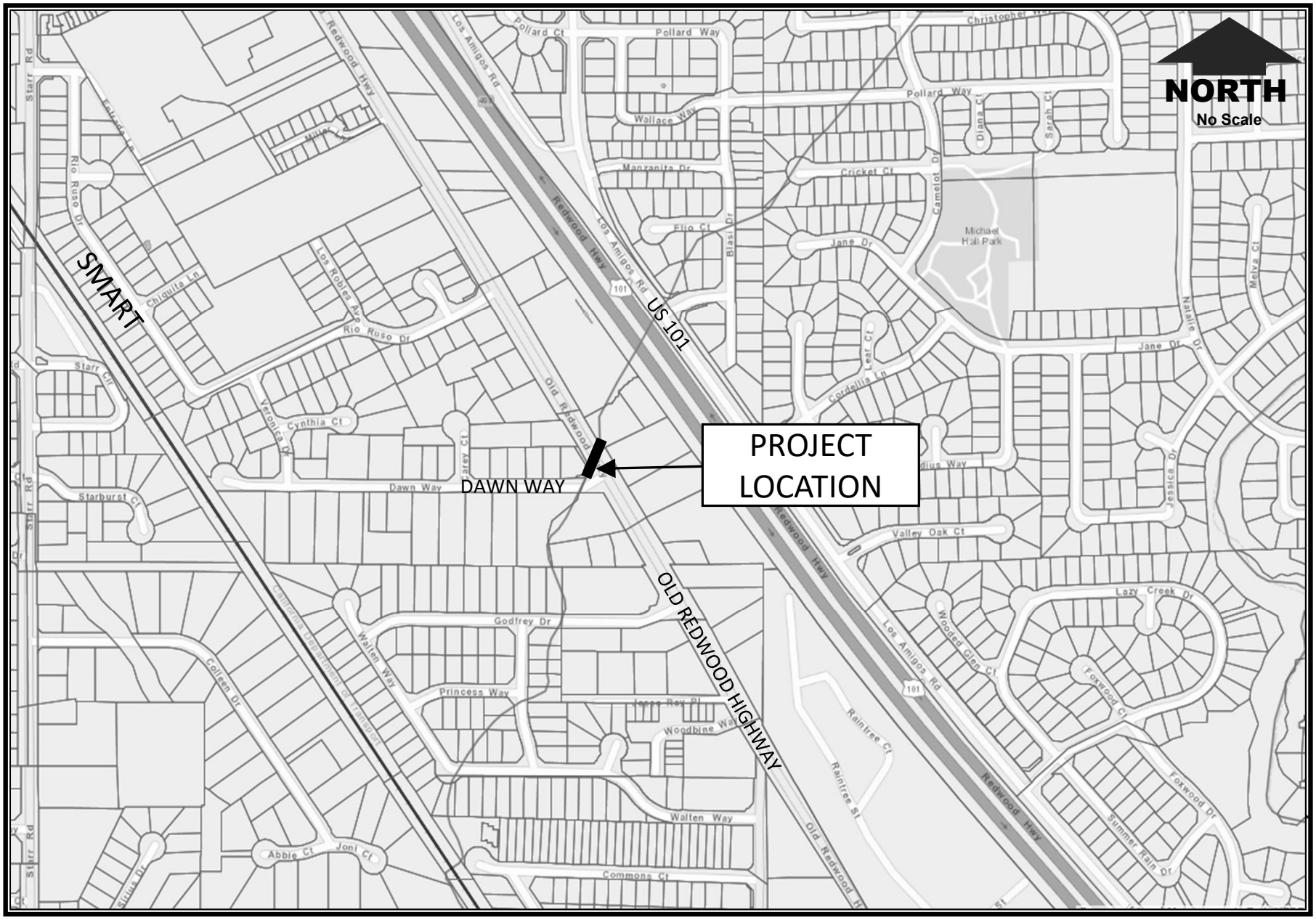


This Page Intentionally Blank

# APPROPRIATIONS PLAN SUMMARY FOR STORM DRAINAGE PROJECTS

| PROJECT | Page No. | Project No. | 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 2025-2026 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| Old Redwood Highway at Dawn Way Drainage Improvements | SD - 3 | 8011 | 1,046,000 | - | - | - | - | $ 1,046,000 |
| Shiloh Road at Caletti Avenue Drainage Improvements | SD - 5 | 1812 | 47,000 | 215,000 | - | - | - | $ 262,000 |
| Hall Park Detention Basin | SD - 7 | 2121 | 1,944,000 | - | - | - | - | $ 1,944,000 |
| Shiloh Road/Pruitt Creek Twin Culvert Erosion Control | SD - 9 | 2020 | - | 77,000 | 92,000 | - | - | $ 169,000 |
| Windsor Creek Flood Control Project | SD- 11 | 2122 | - | 69,000 | 417,000 | 2,562,000 | - | $ 3,048,000 |
| Starr Creek Tributary #5 South of Arata Lane Drainage Improvements | SD - 13 | 2120 | - | - | 288,000 | 1,328,000 | - | $ 1,616,000 |
| Old Redwood Highway and Pleasant Avenue Drainage Improvements | SD - 15 | New | - | - | - | - | 383,000 | $ 383,000 |
| Trash Interceptors | SD - 17 | New | - | - | - | - | 100,000 | $ 100,000 |
| **TOTAL APPROPRIATIONS** | | | **$ 3,037,000** | **$ 361,000** | **$ 797,000** | **$ 3,890,000** | **$ 483,000** | **$8,568,000** |

# Old Redwood Highway at Dawn Way Drainage Improvements






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
Old Redwood Highway at Dawn Way Drainage Improvements

**Project No:** 8011

**GL No:** 230-63-25-8011-4510-000

**Project Description:**
This project includes construction of approximately 140 linear feet of bypass conduits, improvements to the channel approach and drain inlets to increase the hydraulic capacity and performance, or alternative improvements achieving equivalent result.

**Department:**
Public Works - Engineering

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
This project would mitigate runoff from upstream development and reduce flood hazards and potential property damage by increasing the capacity of the drainage infrastructure.

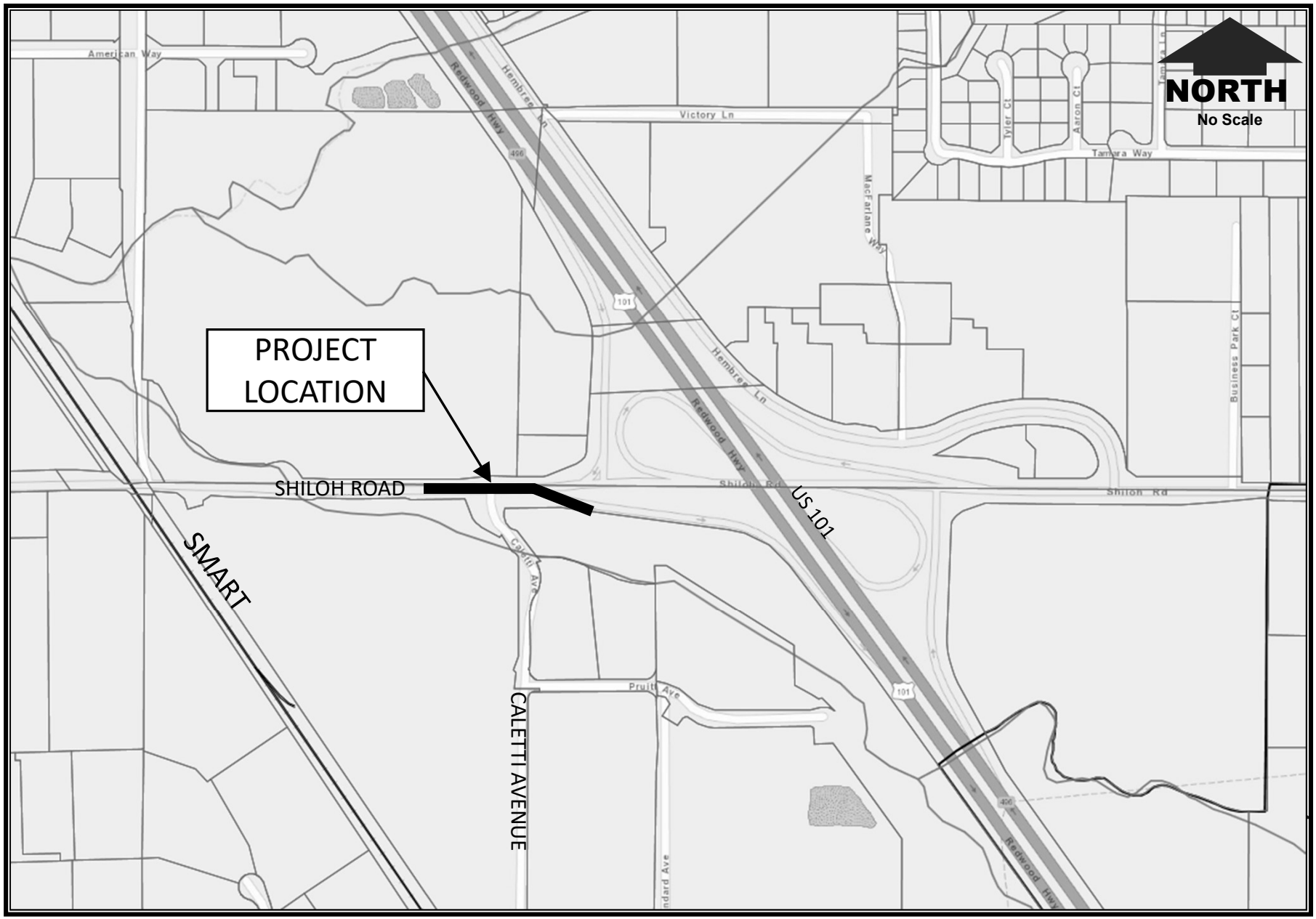
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
This Project is consistent with General Plan Public Facility and Service Policy PFS-4.2 - The Town shall develop and implement a Storm Drain Master Plan for the storm drainage system network that provides for sufficient capacity for stormwater runoff from existing and future development and addresses flooding in low-lying areas.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design/Environmental | 858,750 | | | 191,000 | - | - | - | - | $ 191,000 |
| | R/W Acquisition | | - | | - | - | - | - | - | $ - |
| | Construction | | - | | 763,000 | - | - | - | - | $ 763,000 |
| | Construction Engineering | | - | | 92,000 | - | - | - | - | $ 92,000 |
| | Admin/Legal | | - | | - | - | - | - | - | $ - |
| | **Total** | $ 858,750 | $ - | | $ 1,046,000 | $ - | $ - | $ - | $ - | $ 1,046,000 |
| **Funding Sources:** | Drainage Mitigation Fund | 858,750 | - | | 1,046,000 | - | - | - | - | $ 1,046,000 |
| | **Total** | $ 858,750 | $ - | | $ 1,046,000 | $ - | $ - | $ - | $ - | $ 1,046,000 |
| **Estimated O & M** | | | | | | | | | | |

# Shiloh Road at Caletti Avenue Drainage Improvements






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
Shiloh Road at Caletti Avenue Drainage Improvements

**Project No:** 1812

**GL No:** 230-63-25-1812-4510-000

**Project Description:**
This project includes construction of an earthen berm or retaining wall and a valley gutter to avoid roadway flooding or alternative improvements achieving equivalent result.

**Department:**
Public Works - Engineering

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
This project would reduce roadway flood hazards during severe but frequent storms

**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
This Project is consistent with General Plan Public Facility and Service Policy PFS-4.2 - The Town shall develop and implement a Storm Drain Master Plan for the storm drainage system network that provides for sufficient capacity for stormwater runoff from existing and future development and addresses flooding in low-lying areas.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design/Environmental | 209,000 | - | | 47,000 | - | - | - | - | $ 47,000 |
| | R/W Acquisition | - | - | | - | - | - | - | - | $ - |
| | Construction | - | - | | - | 191,000 | - | - | - | $ 191,000 |
| | Construction Engineering | - | - | | - | 24,000 | - | - | - | $ 24,000 |
| | Admin/Legal | - | - | | - | - | - | - | - | $ - |
| | **Total** | $ 209,000 | $ - | | $ 47,000 | $ 215,000 | $ - | $ - | $ - | $ 262,000 |
| **Funding Sources:** | Drainage Mitigation Fund | 209,000 | - | | 47,000 | 215,000 | - | - | - | $ 262,000 |
| | **Total** | $ 209,000 | $ - | | $ 47,000 | $ 215,000 | $ - | $ - | $ - | $ 262,000 |
| **Estimated O & M** | | | | | | | | | | |

# Hall Park Detention Basin






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
Hall Park Detention Basin

**Project No:** 2121

**GL No:** 230-63-25-2121-4510-000

**Project Description:**
This project is the construction of a dual-use detention area at Hall Park.

**Department:**
Public Works - Engineering

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
The purpose of this project is to detain runoff during large storm events for the purpose of reducing downstream flood hazards and potential property damage (in particular, at Old Redwood Highway and Dawn Way).

**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**

This Project is consistent with General Plan Public Facility and Service Policy PFS-4.2 - The Town shall develop and implement a Storm Drain Master Plan for the storm drainage system network that provides for sufficient capacity for stormwater runoff from existing and future development and addresses flooding in low-lying areas.

| | Item | Budget FY 18-19 | Est Expend FY 18-19 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design/Environmental | - | - | | 356,000 | - | - | - | - | $ 356,000 |
| | R/W Acquisition | - | - | | - | - | - | - | - | $ - |
| | Construction | - | - | | 1,417,000 | - | - | - | - | $ 1,417,000 |
| | Construction Engineering | - | - | | 171,000 | - | - | - | - | $ 171,000 |
| | Admin/Legal | - | - | | - | - | - | - | - | $ - |
| | **Total** | $ - | $ - | | $ 1,944,000 | $ - | $ - | $ - | $ - | $ 1,944,000 |
| **Funding Sources:** | Drainage Mitigation Fund | - | - | | 1,944,000 | - | - | - | - | $ 1,944,000 |
| | **Total** | $ - | $ - | | $ 1,944,000 | $ - | $ - | $ - | $ - | $ 1,944,000 |
| **Estimated O & M** | | | | | | | | | | |

# Shiloh Road/Pruitt Creek Twin Culvert Erosion Control






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Shiloh Road/Pruitt Creek Twin Culvert Erosion Control**

**Project No:** 2020

**GL No:** 230-63-25-2020-4510-000

**Project Description:**
This project includes improvements to Pruitt Creek along the north side of Shiloh Road and the east side of Conde Lane to decrease scouring and the potential for undercutting of the roadways. The project includes obtaining necessary permits, including a Streambed Alteration Agreement, US Army Corps of Engineers Section 404 Permit, and the Regional Water Quality Control Board Section 401 Water Quality Certification.

**Department:**
Public Works - Engineering

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
The velocity of Pruitt Creek during storm events in this vicinity is causing a stream bank erosion and could cause undercutting of the roadway. Erosion control measures are needed to protect the road to avoid the need for future road repairs. The project would also protect the riparian corridor and enhance habitat.

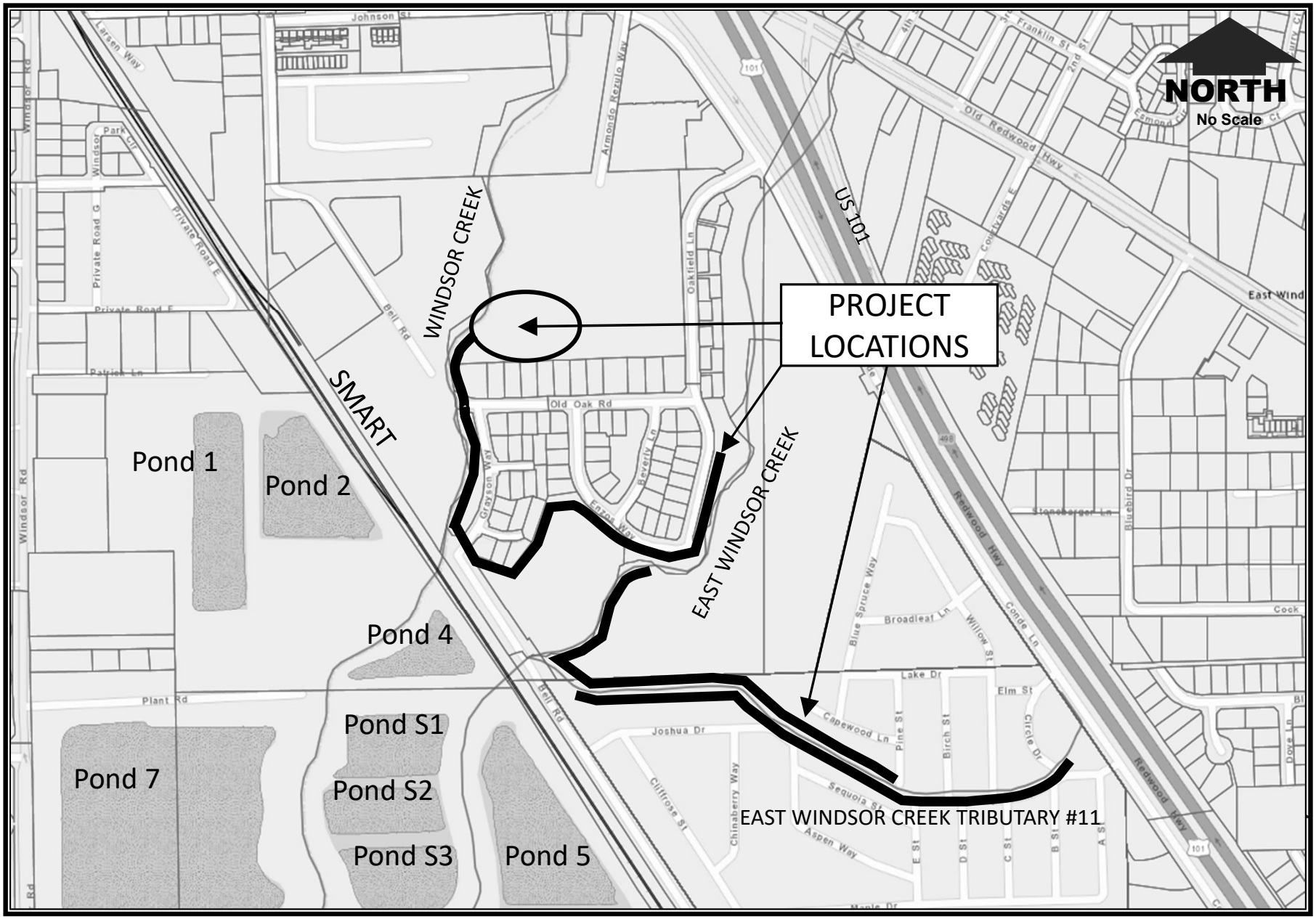
**General Plan Consistency:**
This Project is consistent with General Plan Public Facility and Service Policy PFS-4.2 - The Town shall develop and implement a Storm Drain Master Plan for the storm drainage system network that provides for sufficient capacity for stormwater runoff from existing and future development and addresses flooding in low-lying areas; and, PFS-4.5 The Town shall develop and implement policies that support erosion control and reduce water quality impacts resulting from grading and construction activities.

**Appropriations beyond the 5 year program period are needed to complete project:**

**YES** **( )**
**NO** **( X )**

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design/Environmental | - | - | | 77,000 | - | - | - | $ 77,000 |
| | R/W Acquisition | - | - | - | - | - | - | - | |
| | Construction | - | - | - | | 81,000 | - | - | $ 81,000 |
| | Construction Engineering | - | - | - | | 11,000 | - | - | $ 11,000 |
| | Admin/Legal | - | - | - | - | - | - | - | $ - |
| | **Total** | $ - | $ - | $ - | $ 77,000 | $ 92,000 | $ - | $ - | $ 169,000 |
| **Funding Sources:** | Drainage Mitigation Fund | - | - | - | 77,000 | 92,000 | - | - | $ 169,000 |
| | **Total** | $ - | $ - | $ - | $ 77,000 | $ 92,000 | $ - | $ - | $ 169,000 |
| **Estimated O & M** | | | | | | | | | |

# Windsor Creek Flood Control Project






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
Windsor Creek Flood Control Project

**Project No:** 2122

**GL No:** 230-63-25-2122-4510-000

**Project Description:**
This project includes construction of a dual purpose (recreation and stormwater) detention basin at the former Windsor Creek Elementary School site or additional floodwalls or berms along Windsor Creek or East Windsor Creek to address flooding of Windsor Creek in the vicinity of Grayson Way. A detention basin is used for construction cost estimation. Cost of land aquisition is not included in the fee estimate.

**Department:**
Public Works - Engineering

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
This project would mitigate runoff from upstream development and reduce flood hazards of existing nearby residential areas. The project would also reduce erosion and sedimentation. Funding through the Prop 1 Stormwater Grant Program may be available.

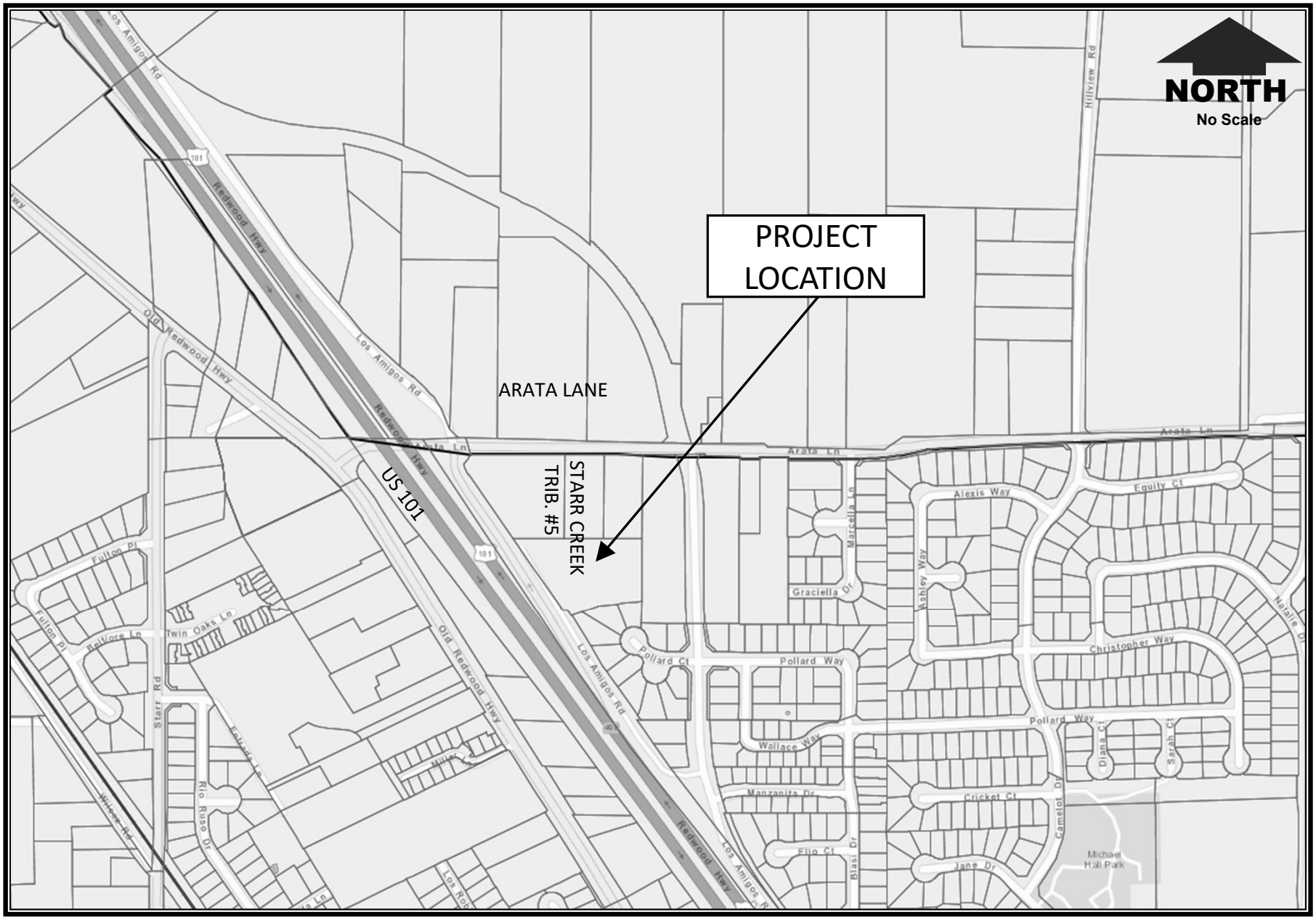
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
This Project is consistent with General Plan Public Facility and Service Policy PFS-4.2 - The Town shall develop and implement a Storm Drain Master Plan for the storm drainage system network that provides for sufficient capacity for stormwater runoff from existing and future development and addresses flooding in low-lying areas.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design/Environmental | - | - | | - | 69,000 | 417,000 | - | - | $ 486,000 |
| | R/W Acquisition | - | - | | - | - | - | - | - | $ - |
| | Construction | - | - | | - | - | - | 2,227,000 | - | $ 2,227,000 |
| | Construction Engineering | - | - | | - | - | - | 335,000 | - | $ 335,000 |
| | Admin/Legal | - | - | | - | - | - | - | - | $ - |
| | **Total** | $ - | $ - | | $ - | $ 69,000 | $ 417,000 | $ 2,562,000 | $ - | $ 3,048,000 |
| **Funding Sources:** | Drainage Mitigation Fund | - | - | | - | 69,000 | 417,000 | 2,562,000 | - | $ 3,048,000 |
| | **Total** | $ - | $ - | | $ - | $ 69,000 | $ 417,000 | $ 2,562,000 | $ - | $ 3,048,000 |
| **Estimated O & M** | | | | | | | | | | |

# Starr Creek Tributary #5 South of Arata Lane Drainage Improvements






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
Starr Creek Tributary #5 South of Arata Lane Drainage Improvements

**Project No:** 2120

**GL No:** 230-63-25-2120-4510-000

**Project Description:**
This project includes construction of a detention basin on Town property located south of Arata Lane near Highway 101 and improvements to storm drain inlet structures to increase hydraulic performance and reduce flooding across Arata Lane and downstream (or alternative improvements achieving equivalent results). A feasibility study will be conducted in the first year of the project.

**Department:**
Public Works - Engineering

**Priority:**

| | |
|---|---|
| | Mandate |
| | Necessary |
| X | Desirable |

**Justification:**
This project would mitigate runoff from upstream sources, provide erosion control, and reduce the severity of flooding near the Highway 101/Arata offramp and downstream areas. Co-benefits of this project include groundwater infiltration that could enhance water supplies.

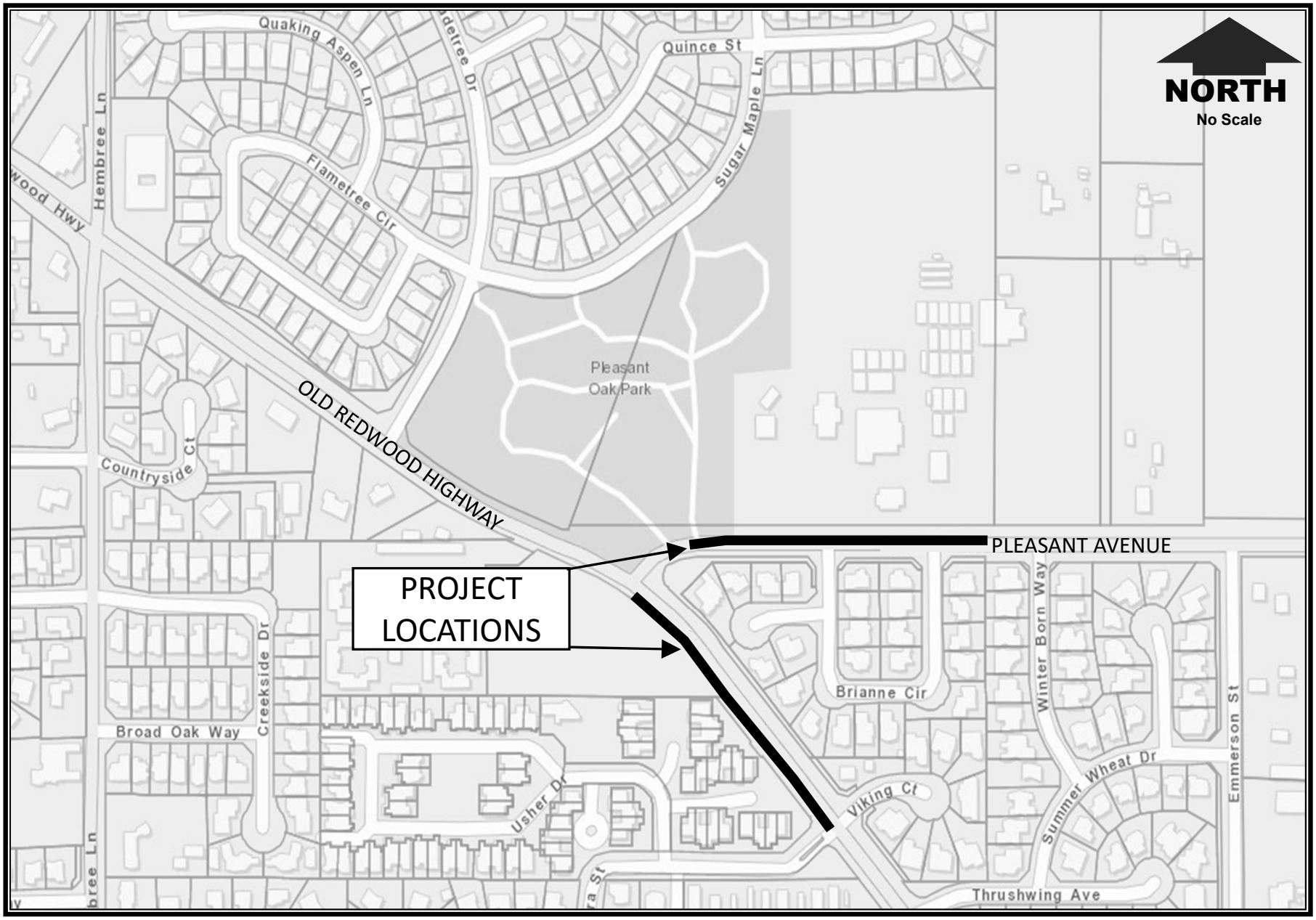
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
This Project is consistent with General Plan Public Facility and Service Policy PFS-4.2 - The Town shall develop and implement a Storm Drain Master Plan for the storm drainage system network that provides for sufficient capacity for stormwater runoff from existing and future development and addresses flooding in low-lying areas.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design/Environmental | - | - | | - | | 288,000 | - | - | $ 288,000 |
| | R/W Acquisition | - | - | | - | - | - | - | - | $ - |
| | Construction | - | - | | - | - | | 1,184,000 | - | $ 1,184,000 |
| | Construction Engineering | - | - | | - | - | | 144,000 | - | $ 144,000 |
| | Admin/Legal | - | - | | - | - | - | - | - | $ - |
| | **Total** | $ - | $ - | | $ - | $ - | $ 288,000 | $ 1,328,000 | $ - | $ 1,616,000 |
| **Funding Sources:** | Drainage Mitigation Fund | - | - | | - | - | 288,000 | 1,328,000 | - | $ 1,616,000 |
| | **Total** | $ - | $ - | | $ - | $ - | $ 288,000 | $ 1,328,000 | $ - | $ 1,616,000 |
| **Estimated O & M** | | | | | | | | | | |

# Old Redwood Highway and Pleasant Avenue Drainage Improvements






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
Old Redwood Highway and Pleasant Avenue Drainage Improvements

**Project No:** New

**GL No:** 230-63-25-xxxx-4510-000

**Project Description:**
This project consists of the installation of approximately 1300 parallel storm drains in Pleasant Avenue and Old Redwood Highway to help relieve frequent nuisance flooding across Old Redwood Highway south of the intersection with Pleasant Avenue. Funding in the final year of this CIP is for engineering design of the project for construction in a following year.

**Department:**
Public Works - Engineering

**Priority:**

| | |
|---|---|
| | **Mandate** |
| | **Necessary** |
| X | **Desirable** |

**Justification:**
This project would help relieve frequent nuisance flooding across Old Redwood Highway and protect adjacent properties along Old Redwood Highway and in the neighborhood south of Pleasant Avenue and East of Old Redwood Highway.

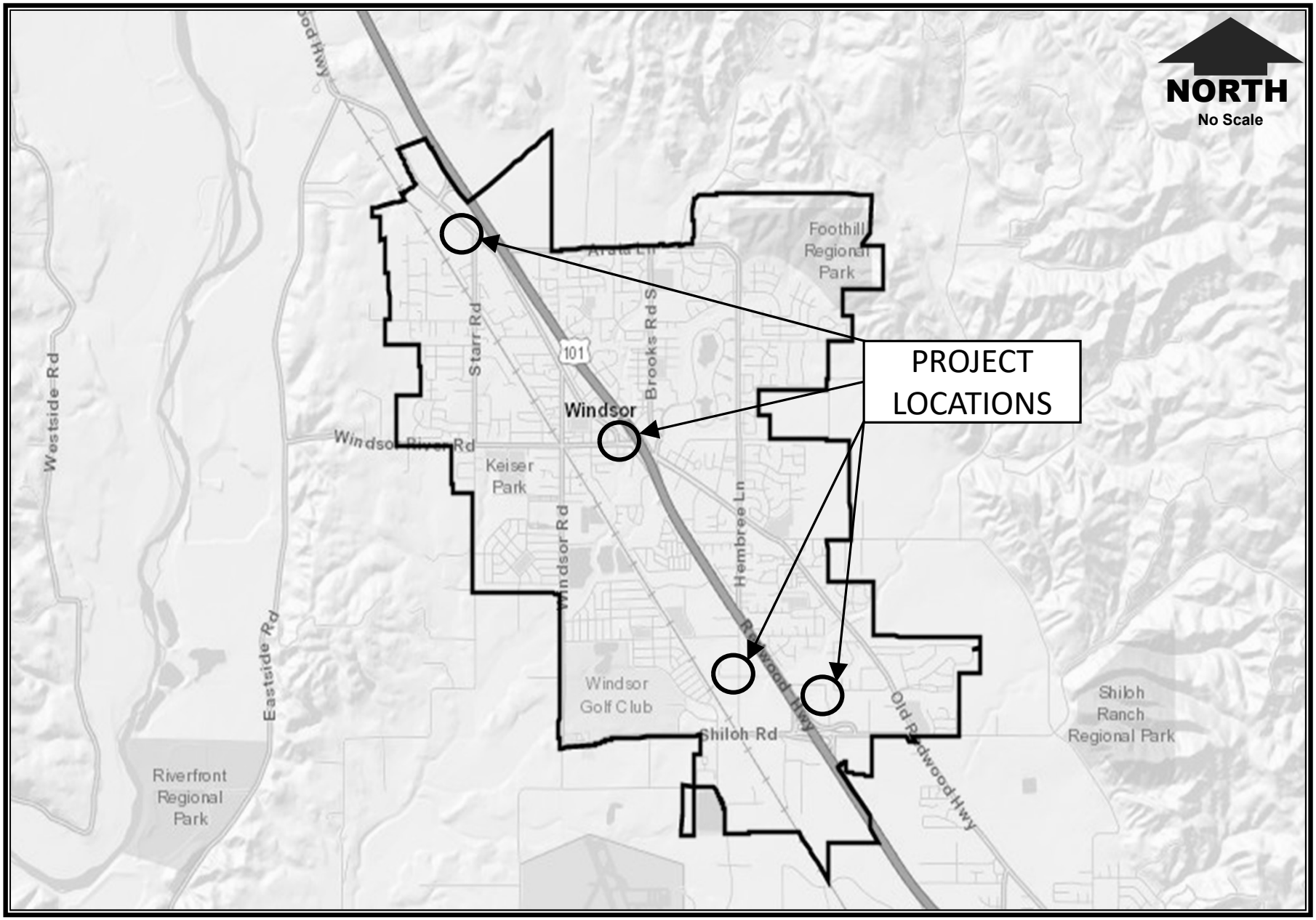
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
This Project is consistent with General Plan Public Facility and Service Policy PFS-4.2 - The Town shall develop and implement a Storm Drain Master Plan for the storm drainage system network that provides for sufficient capacity for stormwater runoff from existing and future development and addresses flooding in low-lying areas.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design/Environmental | - | - | | - | - | - | | 383,000 | $ 383,000 |
| | R/W Acquisition | - | - | | - | - | - | | | $ - |
| | Construction | - | - | | - | - | - | | | $ - |
| | Construction Engineering | - | - | | - | - | - | | | $ - |
| | Admin/Legal | - | - | | - | - | - | | | $ - |
| | **Total** | $ - | $ - | | $ - | $ - | $ - | $ - | $ 383,000 | $ 383,000 |
| **Funding Sources:** | Drainage Mitigation Fund | - | - | | - | - | - | - | 383,000 | 383,000 |
| | | | | | | | | | | $ - |
| | **Total** | $ - | $ - | | $ - | $ - | $ - | | | $ 383,000 |
| **Estimated O & M** | | | | | | | | | | |

# Trash Interceptors






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
Trash Intercepters

**Project No:** New

**GL No:** 230-63-25-xxxx-4510-000

**Project Description:**
This project consists of installing trash collection devices in strategic creek outlets throughout Town. This project will be engaged after feasible non-structural best management stormwater trash mitigation practices are established and implemented. An engineering design is planned for Fiscal Year 25-26 with construction and implementation to follow in subsequent years.

**Department:**
Public Works - Engineering

**Priority:**

| | |
|---|---|
| X | **Mandate** |
| | **Necessary** |
| | **Desirable** |

**Justification:**
Per the State of California Trash Amendment, trash control compliance must be completed by 2030. The requirement will also be placed in the Town's municipal stormwater NPDES permit in 2022.

**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( X )**
**NO ( )**

**General Plan Consistency:**
The Project is consistent with the General Plan, Public Facilities and Services Policy PFS-4.6 - The Town shall develop and implement policies that support maintaining creek hydraulic capacity and improve creek health by reducing impacts from development, formal landscaping in creek embankments, and trash and debris accumulation near creek areas; and the Environmental Resources Policy ER-3.3 - The Town shall manage and improve Windsor's natural creek system as an important natural, fishery, and visual resource by maintaining the creeks in their natural state, encouraging their incorporation into a trail system, and keeping them free and clear of debris, refuse and other man-made pollutants.

| | Item | Budget | Est Expend | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design/Environmental | - | - | | - | - | - | - | 100,000 | $ 100,000 |
| | R/W Acquisition | - | - | | - | - | - | - | - | $ - |
| | Construction | - | - | | - | - | - | - | - | $ - |
| | Construction Engineering | - | - | | - | - | - | - | - | $ - |
| | Admin/Legal | - | - | | - | - | - | - | - | $ - |
| | **Total** | $ - | $ - | | $ - | $ - | $ - | $ - | $ 100,000 | $ 100,000 |
| **Funding Sources:** | Drainage Mitigation Fund | - | - | | - | - | - | - | 100,000 | 100,000 |
| | | | | | | | | | | $ - |
| | **Total** | $ - | $ - | | $ - | $ - | $ - | | | $ 100,000 |
| **Estimated O & M** | | | | | | | | | | |

This Page Intentionally Blank

# TRANSPORTATION PROJECTS

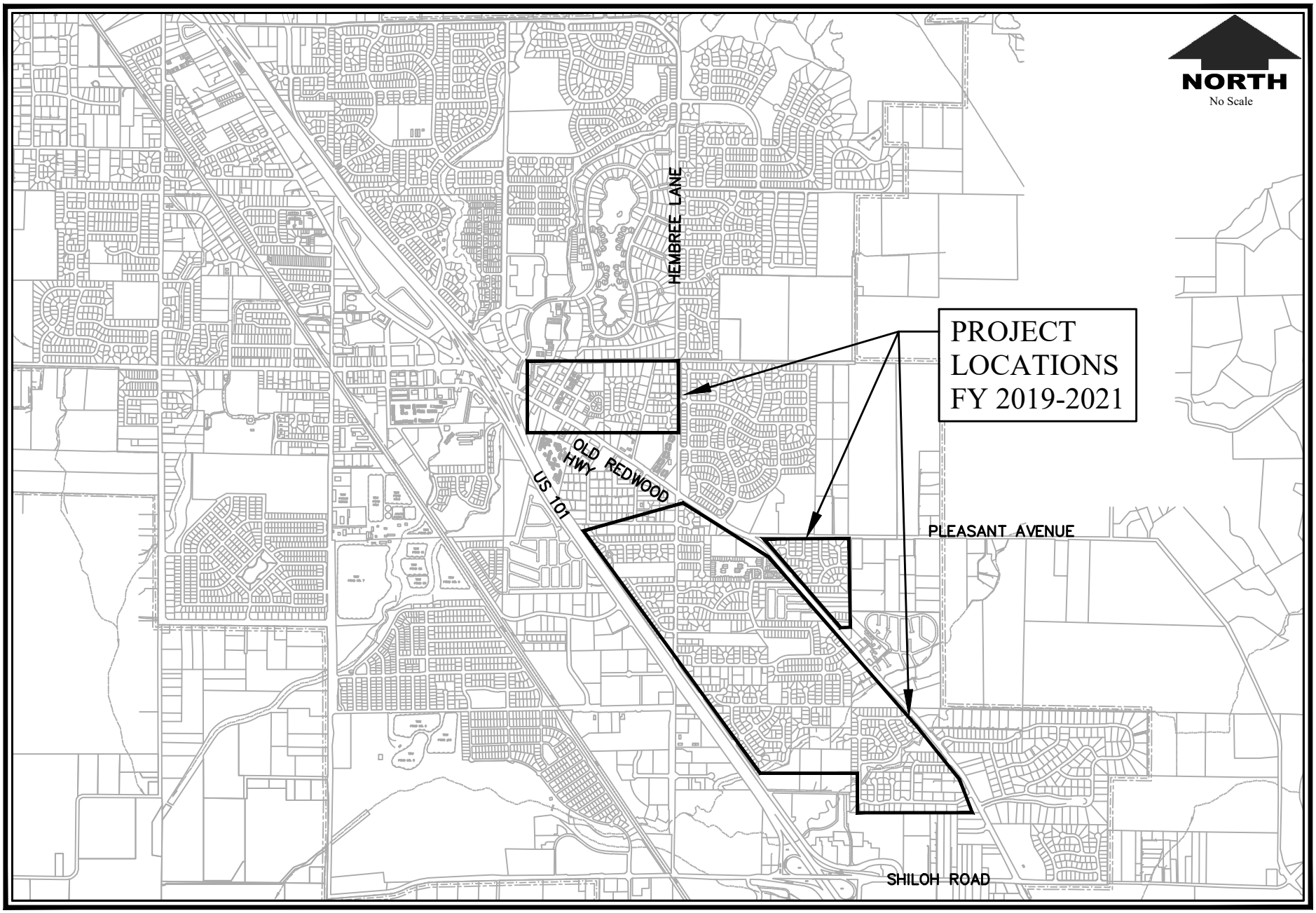


This Page Intentionally Blank

# APPROPRIATIONS PLAN SUMMARY FOR TRANSPORTATION PROJECTS

| PROJECT | Page No. | Project No. | 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 2025-2026 | 2021-2026 |
|---|---|---|---|---|---|---|---|---|
| FY 2019-2021 Town Wide Street Resurfacing | T - 3 | 2040 | - | - | - | - | - | **$ -** |
| FY 2021-2023 Town Wide Street Resurfacing | T - 5 | 2202 | 960,000 | 800,000 | - | - | - | **$ 1,760,000** |
| Windsor River Road/Windsor Road Intersection Improvements | T - 7 | 1809 | 8,906,626 | - | - | - | - | **$ 8,906,626** |
| Shiloh Road Left Turn Intersection Improvements at Caletti Avenue | T - 9 | 1805 | - | - | - | 220,000 | 1,553,000 | **$ 1,773,000** |
| Crosswalk Enhancements at Starr Road and Stellar Lane | T - 11 | 2203 | 98,000 | - | - | - | - | **$ 98,000** |
| Faught Creek Trail Improvements from Victory Lane to Old Redwood Highway | T - 13 | New | - | - | 338,000 | - | - | **$ 338,000** |
| Starr Road Sidewalk Improvements South of Starr View Drive | T - 15 | 2042 | 98,000 | - | - | - | - | **$ 98,000** |
| Arata Lane Interchange Phase 2B for Los Amigos Road Realignment | T - 17 | 1812 | 855,000 | - | - | - | - | **$ 855,000** |
| Crosswalk Enhancement at Brooks Road South at Natalie Drive | T - 19 | 2204 | 270,600 | - | - | - | - | **$ 270,600** |
| Shiloh Road/Old Redwood Highway Intersection | T - 21 | New | - | - | 560,000 | 2,300,000 | - | **$ 2,860,000** |
| Town Wide Streetlight LED Retrofit | T - 23 | 2205 | 187,500 | 187,500 | - | - | - | **$ 375,000** |
| Downtown Pedestrian & Bicycle Crossing of US 101 Phase 1 | T - 25 | 2206 | 500,000 | - | 1,050,000 | - | 5,800,000 | **$ 7,350,000** |
| East Windsor Creek Trail and Pedestrian Bridge | T - 27 | New | - | - | 75,000 | 350,000 | - | **$ 425,000** |
| Old Redwood Highway Bridges Replacement | T - 29 | New | - | - | - | 202,000 | - | **$ 202,000** |
| Old Redwood Highway from Starr Road to Arata Lane Pedestrian Improvements | T - 31 | New | - | - | 230,000 | - | - | **$ 230,000** |
| Jaguar Way Extension from Windsor Road to Starr Road | T - 33 | New | - | - | 520,000 | 4,190,000 | - | **$ 4,710,000** |
| Arata Lane Interchange Phase 2C for Northbound On-Ramp | T - 35 | New | - | - | 355,000 | 100,000 | 400,000 | **$ 855,000** |
| Safe Routes to School Crosswalk and Sidewalk Improvements | T - 37 | New | - | - | 200,000 | 200,000 | 200,000 | **$ 600,000** |
| Class I Trails Improvements | T - 39 | New | - | - | 200,000 | 200,000 | 200,000 | **$ 600,000** |
| Downtown Pedestrian & Bicycle Crossing of US 101 Phase 2 | T - 41 | New | - | - | - | 960,000 | 100,000 | **$ 1,060,000** |
| US 101 Interchange Improvements at Shiloh Road | T - 43 | New | - | - | - | 300,000 | 50,000 | **$ 350,000** |
| Arata Lane Interchange Phase 2D for Highway 101 Overpass Improvements | T - 45 | New | - | - | - | - | 300,000 | **$ 300,000** |
| FY 2023-2026 Town Wide Street Resurfacing | T - 47 | New | - | - | 1,200,000 | 1,200,000 | 1,200,000 | **$ 3,600,000** |
| **TOTAL APPROPRIATIONS** | | | **$ 11,875,726** | **$ 987,500** | **$ 4,728,000** | **$ 10,222,000** | **$ 9,803,000** | **$ 37,616,226** |

# FY 2019-2021 Town Wide Street Resurfacing






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**FY 2019-2021 Town Wide Street Resurfacing**

**Project No:** 2040
**GL No:** 010-63-25-2040-4510-000
**GL No:** 111-63-25-2040-4510-000
**GL No:** 110-81-25-2040-4510-000

**Project Description:**
The program includes continued slurry sealing streets and will include the southeast and southwest quadrants of the Town.
* Partially funded by Measure M-Transportation Grant

**Department:**
Public Works - Engineering

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
Investing in the on-going maintenance of Town streets reduces the deterioration of pavement and extends the useful life of Town streets. An annual pavement maintenance plan is considered a best management maintenance program. Proper maintenance will reduce future operation and maintenance costs.

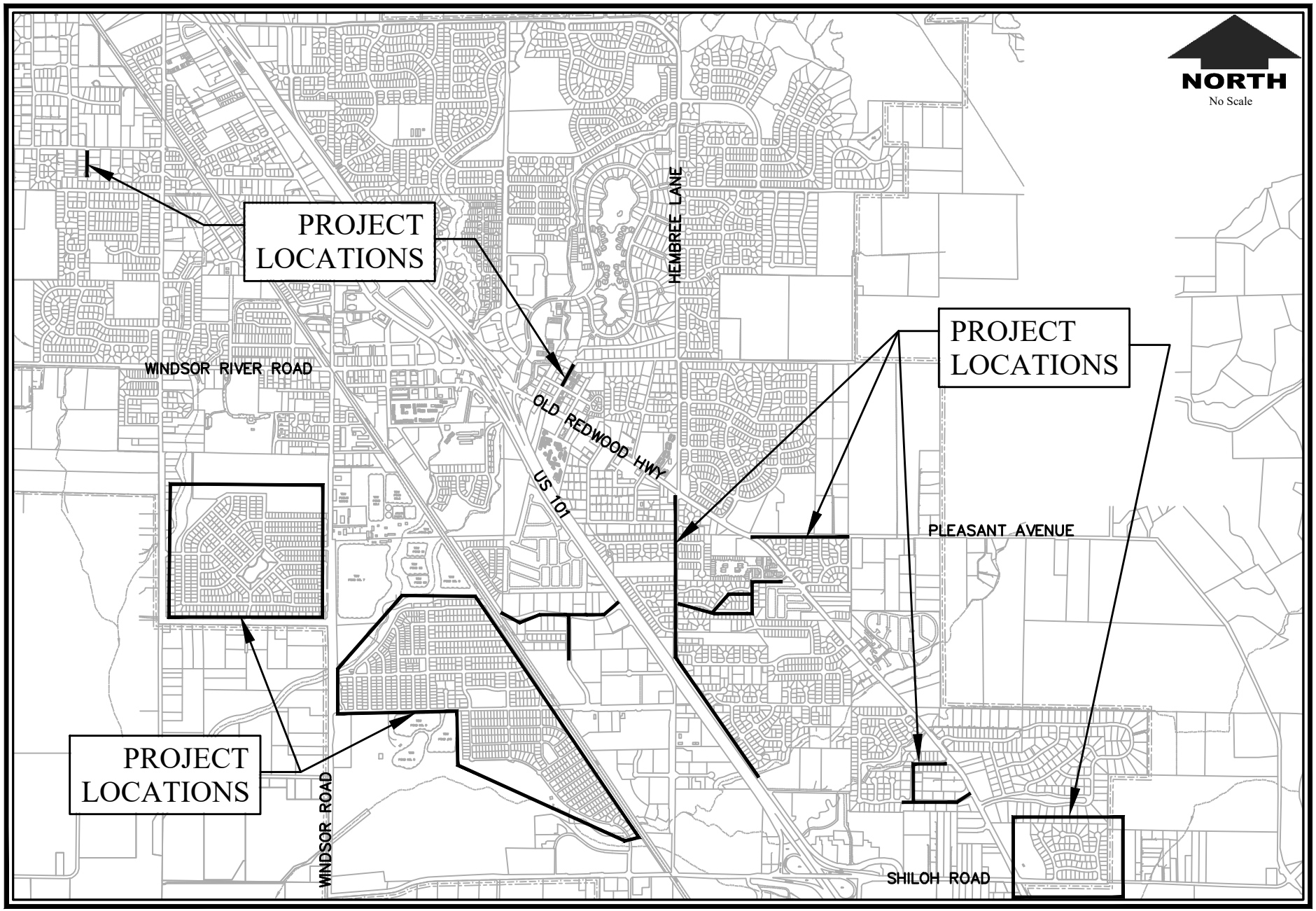
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES** **( )**
**NO** **( X )**

**General Plan Consistency:**
The Project is consistent with General Plan Transportation Policies including Streets & Roadways Policy M-3.9 Pavement Management Program - the Town shall maintain and implement the Pavement Management Program (PMP) which is set to provide the guidance to apply for grant funding through MTC to maintain and rehabilitate the Town Roads and M-3.10 Pavement Condition Index (PCI) - the Town shall continue to provide street maintenance to sustain high Pavement Condition Index (PCI) levels in order to maintain high quality roads.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design | 100,000 | - | | - | - | - | - | - | - |
| | Construction | 1,020,000 | 620,000 | | - | - | - | - | - | - |
| | Construction Management | 190,000 | 88,000 | | - | - | - | - | - | - |
| | Legal Services/Admin | 10,000 | - | | - | - | - | - | - | - |
| | Project Management | - | - | | - | - | - | - | - | - |
| | **Total** | $ 1,320,000 | $ 708,000 | | $ - | $ - | $ - | $ - | $ - | $ - |
| **Funding Sources:** | General Fund | - | - | | - | - | - | - | - | - |
| | TGF Measure M | 400,000 | 177,000 | | - | - | - | - | - | - |
| | Gas Tax (SB 1) | 920,000 | 531,000 | | - | - | - | - | - | - |
| | **Total** | $ 1,320,000 | $ 708,000 | | $ - | $ - | $ - | $ - | $ - | $ - |
| **Estimated O & M:** | | | | | | | | | | |

# FY 2021-2023 Town Wide Street Resurfacing






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**FY 2021-2023 Town Wide Street Resurfacing**

**Project No:** 2202

**GL No:** 111-63-25-2202-4510-000
**GL No:** 110-81-25-2202-4510-000

**Project Description:**
The program includes continued slurry sealing streets southwest neighborhoods of the Town and cape seals on portions of Bell Road, , Hembree Lane, Pleasant Avenue, Shira Street, Samantha Way, Shannon Way and the Oak Park neighborhood.
* FY 2020-21 revenues were not fully expended and to be rolled over into FY 21-22

**Department:**
Public Works - Engineering

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
Investing in the on-going maintenance of Town streets reduces the deterioration of pavement and extends the useful life of Town streets. An annual pavement maintenance plan is considered a best management maintenance program. Proper maintenance will reduce future operation and maintenance costs.

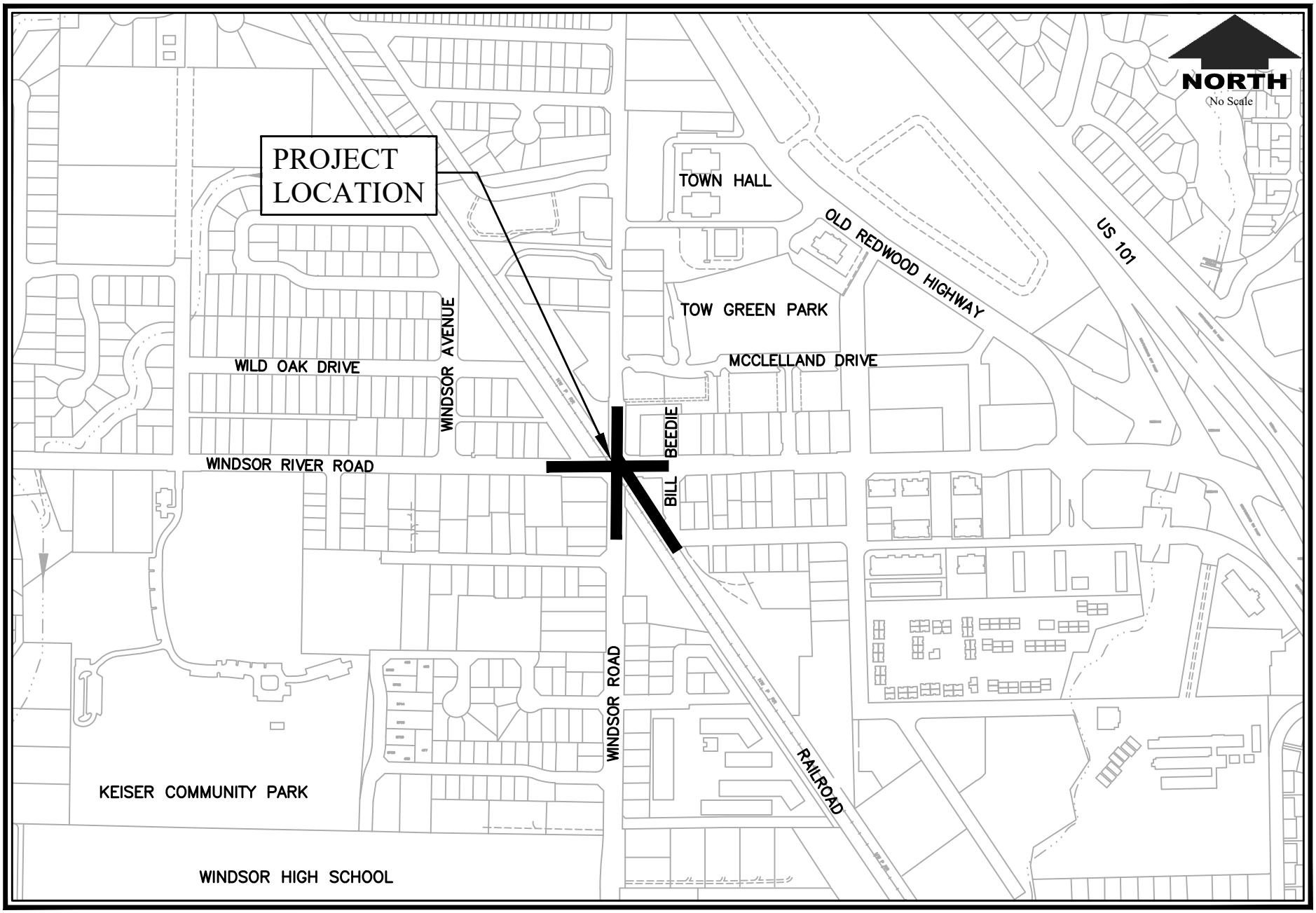
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES** **( )**
**NO** **( X )**

**General Plan Consistency:**
The Project is consistent with General Plan Transportation Policies including Streets & Roadways Policy M-3.9 Pavement Management Program - the Town shall maintain and implement the Pavement Management Program (PMP) which is set to provide the guidance to apply for grant funding through MTC to maintain and rehabilitate the Town Roads and M-3.10 Pavement Condition Index (PCI) - the Town shall continue to provide street maintenance to sustain high Pavement Condition Index (PCI) levels in order to maintain high quality roads.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design | - | - | | 30,000 | 10,000 | - | - | - | 40,000 |
| | Construction | - | - | | 775,000 | 685,000 | - | - | - | 1,460,000 |
| | Construction Management | - | - | | 150,000 | 100,000 | - | - | - | 250,000 |
| | Legal Services/Admin | - | - | | 5,000 | 5,000 | - | - | - | 10,000 |
| | Project Management | - | - | | - | - | - | - | - | - |
| | **Total** | $ - | $ - | | $ 960,000 | $ 800,000 | $ - | $ - | $ - | $ 1,760,000 |
| **Funding Sources:** | General Fund | - | - | | - | - | - | - | - | - |
| | TGF Measure M | - | - | | 410,000 | 250,000 | - | - | - | 660,000 |
| | Gas Tax (SB 1)* | - | - | | 550,000 | 550,000 | - | - | - | 1,100,000 |
| | | - | - | | - | - | - | - | - | |
| | | - | - | | | - | - | - | - | |
| | **Total** | $ - | $ - | | $ 960,000 | $ 800,000 | $ - | $ - | $ - | $ 1,760,000 |
| **Estimated O & M:** | | | | | | | | | | |

# Windsor River Road/Windsor Road Intersection Improvements






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Windsor River Road/Windsor Road Intersection Improvements**

**Project No:** 1809

**GL No:** 111-63-25-1809-4510-000

**Project Description:**
Construction Phase for the Windsor River Road/Windsor Road intersection improvements. Final design started in June 2019 for a roundabout at this intersection. Project is anticipated to go out for construction bid in March 2021.
* One Bay Area Grant (OBAG) funding in the amount of $3 million
LPP Grant $2.842 million
Tribal Contribution $700,000

**Department:**
Public Works - Engineering

**Priority:**

| | |
|---|---|
| | Mandate |
| X | Necessary |
| | Desirable |

**Justification:**
The California Public Utilities Commission (CPUC) has identified a number of improvements that are needed with the return of rail service. The pedestrian crosswalks are required to be located to the outside of the railroad gates as well as other pedestrian crossing safety improvements. The uniqueness of the intersection with the railroad crossing diagonally through the center makes a roundabout solution a preferred solution (as stated by the CPUC) over a signalized intersection. The project falls within the Station Area/Downtown Specific Plan. The project is consistent with the Specific Plan goals and policies for pedestrian/bike connectivity and improved sidewalks/streetscapes. The project was evaluated in the ITS Pedestrian Safety Assessment.

**Appropriations beyond the 5 year program period are needed to complete project:**

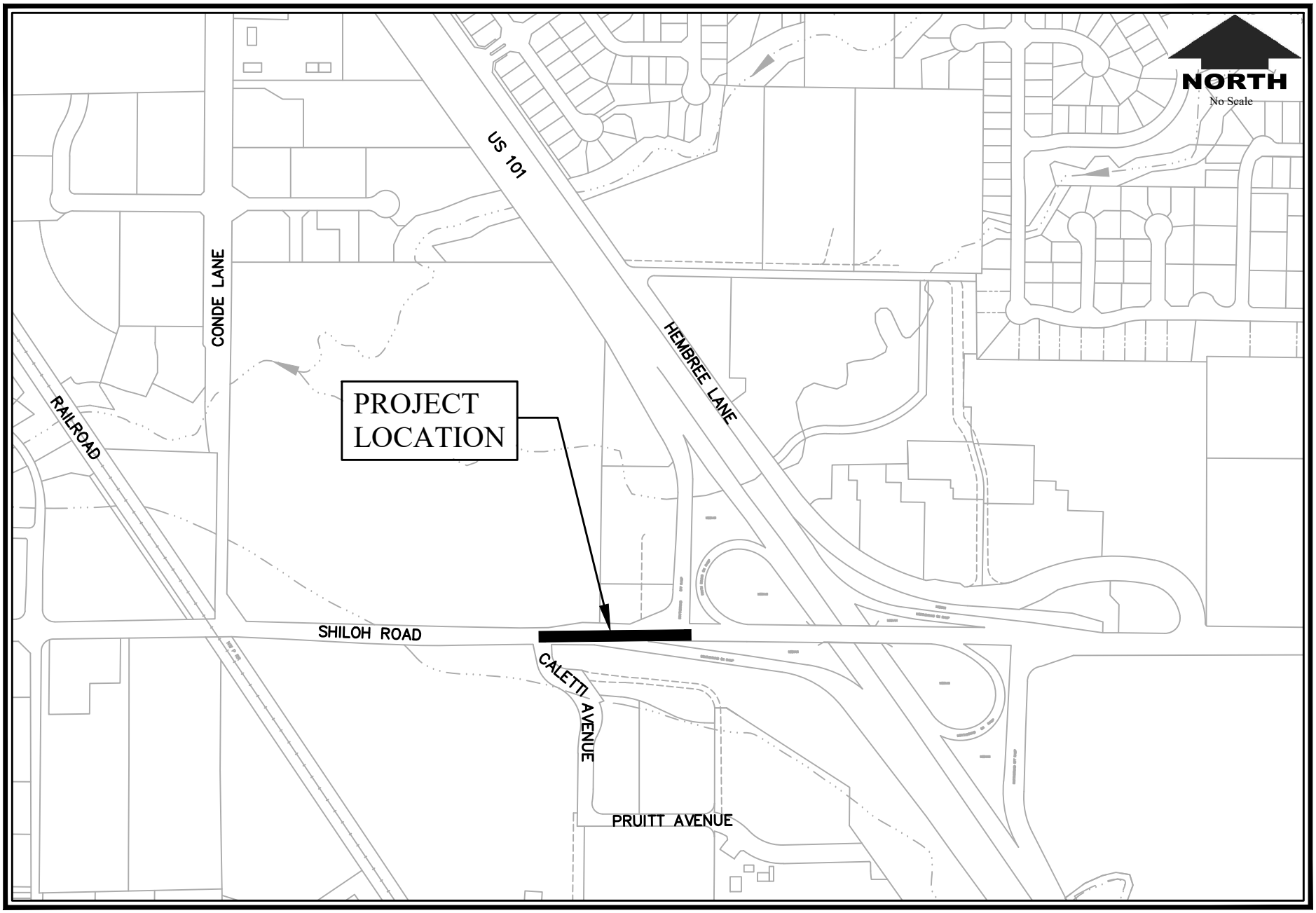
**YES ( )**
**NO ( X )**

**General Plan Consistency:**

The Project is consistent with General Plan Transportation Policies including Multimodal Circulation System Policy M-1.1 Multimodal Transportation System - the Town shall continue to implement a multimodal transportation system that connects residents to activity centers throughout and near town, such as commercial centers and corridors, employment centers, the SMART train stop, the airport, schools, parks, recreation areas, and other attraction

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Final Design/Permit | 605,000 | - | | 796,626 | - | - | - | - | $ 796,626 |
| | Construction | 7,660,490 | - | | 7,200,000 | - | - | - | - | $ 7,200,000 |
| | Construction Management | 1,532,098 | - | | 900,000 | - | - | - | - | $ 900,000 |
| | Project Management | | - | | - | - | - | - | - | $ - |
| | Legal Services/Admin | 10,000 | - | | 10,000 | - | - | - | - | $ 10,000 |
| | Utility Relocation/ROW | 500,000 | - | | - | - | - | - | - | $ - |
| | | | | | - | - | - | - | - | $ - |
| | **Total** | $ 10,307,588 | $ - | | $ 8,906,626 | $ - | $ - | $ - | $ - | $ 8,906,626 |
| **Funding Sources:** | Transp. Grant Fund (OBAG) | 3,000,000 | - | | 3,000,000 | | - | - | - | $ 3,000,000 |
| | General Fund | - | - | | - | | - | - | - | $ - |
| | Transp. Grant Fund (LPP) | | - | | 2,842,000 | | - | - | - | $ 2,842,000 |
| | Tribal Contribution | | - | | 700,000 | | | | | $ 700,000 |
| | (Bond Proceeds) | 7,307,588 | - | | 2,364,626 | | | | | $ 2,364,626 |
| | **Total** | $ 10,307,588 | $ - | | $ 8,906,626 | $ - | $ - | $ - | $ - | $ 8,906,626 |
| **Estimated O & M:** | | | | | | | | | | |

# Shiloh Road Left Turn Intersection Improvements at Caletti Avenue






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Shiloh Road Left Turn Intersection Improvements at Caletti Avenue**

**Project No:** 1805

**GL No:** 210-63-25-1805-4510-000

**Project Description:**
This project will address the Shiloh Road westbound left turn to Caletti Avenue storage issue. The first phase is a striping and median modification on Shiloh Road. Phase 2 improvements are rebuilding the eastbound approach to US 101 - Shiloh overpass, reconstructing the southbound on-ramp entry, raised median on Shiloh, relocating the southbound off-ramp traffic signal and constructing a new traffic signal at the intersection of Shiloh Road and Caletti Avenue.
***Construction funding source to be determined.**

**Department:**
Public Works - Engineering

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
Current left turn storage is not adequate for cumulative development of the Caletti Industrial Park property. This project will provide additional storage for that left turn movement and allow future development of the subject property.

**Appropriations beyond the 5 year program period are needed to complete project:**

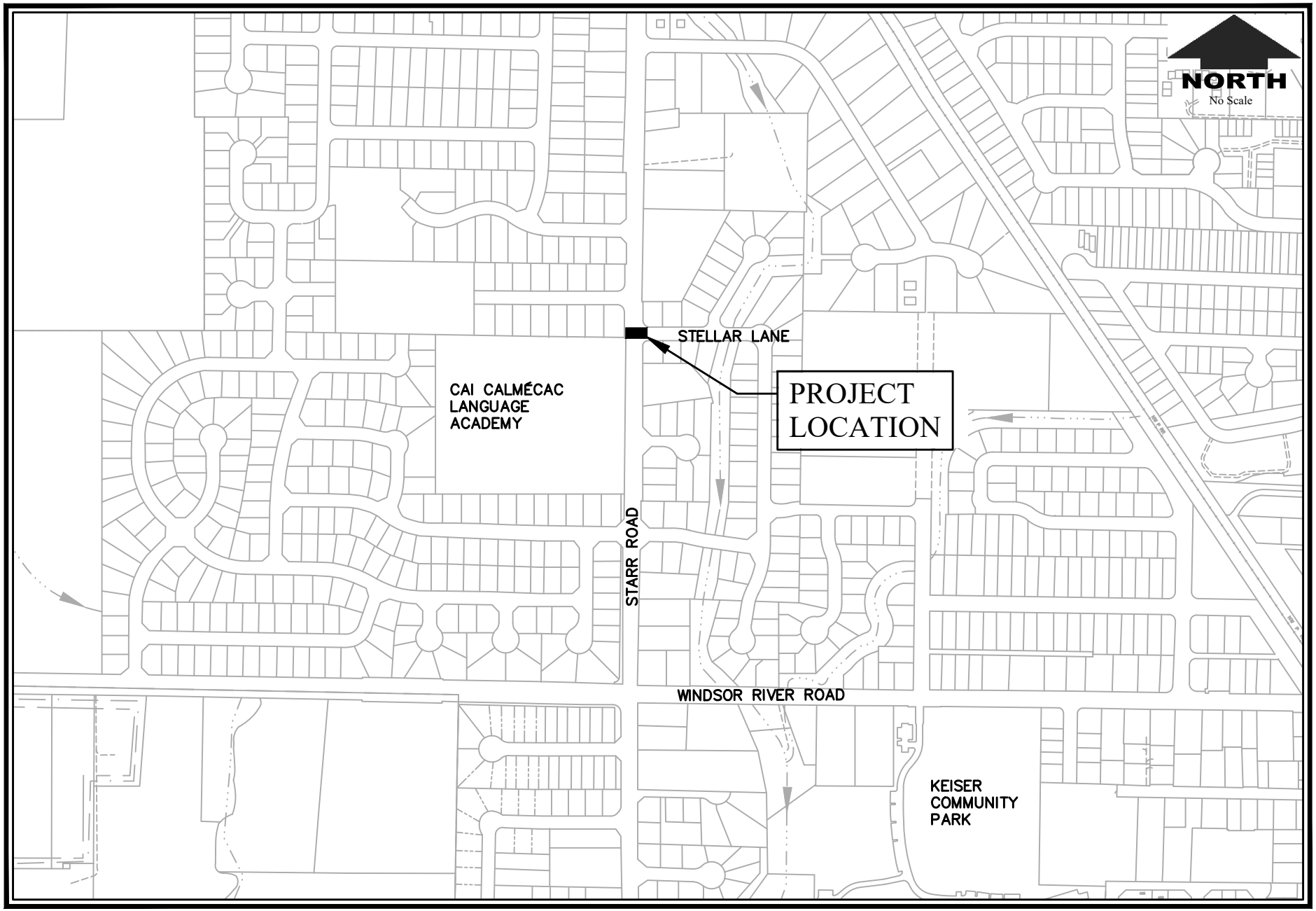
**YES ( )**
**NO ( X )**

**General Plan Consistency:**

The Project is consistent with General Plan Transportation Policies including Streets and Roadways Policy M-3.12 Traffic Management - the Town shall strive to address traffic operations, including congestion, intersection delays, and travel speeds, while balancing neighborhood livability and safety concerns.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Preliminary Design | - | - | - | - | - | 20,000 | - | $ 20,000 |
| | Design/Environmental | - | 24,000 | - | - | - | 200,000 | - | $ 200,000 |
| | Construction | 120,000 | 116,000 | | - | - | - | 1,400,000 | $ 1,400,000 |
| | Construction Management | 30,000 | 33,000 | - | - | - | - | 125,000 | $ 125,000 |
| | Legal Services/Admin | - | - | - | - | - | - | 3,000 | $ 3,000 |
| | Project Management | - | - | - | - | - | - | 25,000 | $ 25,000 |
| | **Total** | $ 150,000 | $ 173,000 | $ - | $ - | $ - | $ 220,000 | $ 1,553,000 | $ 1,773,000 |
| **Funding Sources:** | Traffic Mitigation | 150,000 | 173,000 | | - | - | 220,000 | - | $ 220,000 |
| | General Fund Grants | - | - | - | - | - | - | 1,553,000 | $ 1,553,000 |
| | **Total** | $ 150,000 | $ 173,000 | $ - | $ - | $ - | $ 220,000 | $ 1,553,000 | $ 1,773,000 |
| **Estimated O & M:** | | | | | | | | | |

# Crosswalk Enhancements at Starr Road and Stellar Lane






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Crosswalk Enhancements at Starr Road and Stellar Lane**

**Project No:** 2203

**GL No:** 111-63-25-2203-4510-000

**Project Description:**
Starr Road near Cali Calmecac Language Academy. The proposed crosswalk enhancement includes pedestrian activated lighted beacons, reconstructing two curb ramps for ADA compliance, refreshing striping, new pedestrian yield markings, and a street light.

**Department:**
Public Works - Engineering

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
Starr Road near Cali Calmecac Language Academy - This crosswalk is heavily used during school drop off and pick up times and is currently an uncontrolled pedestrian crossing and is not monitored by a crossing guard. This crosswalk is identified in the 2018 Safe Routes to School Report and is an area of concern that is consistently brought up by the school staff and parents, the general community, nearby residents, and the Windsor Bike and Pedestrian Advisory Committee.

**Appropriations beyond the 5 year program period are needed to complete project:**

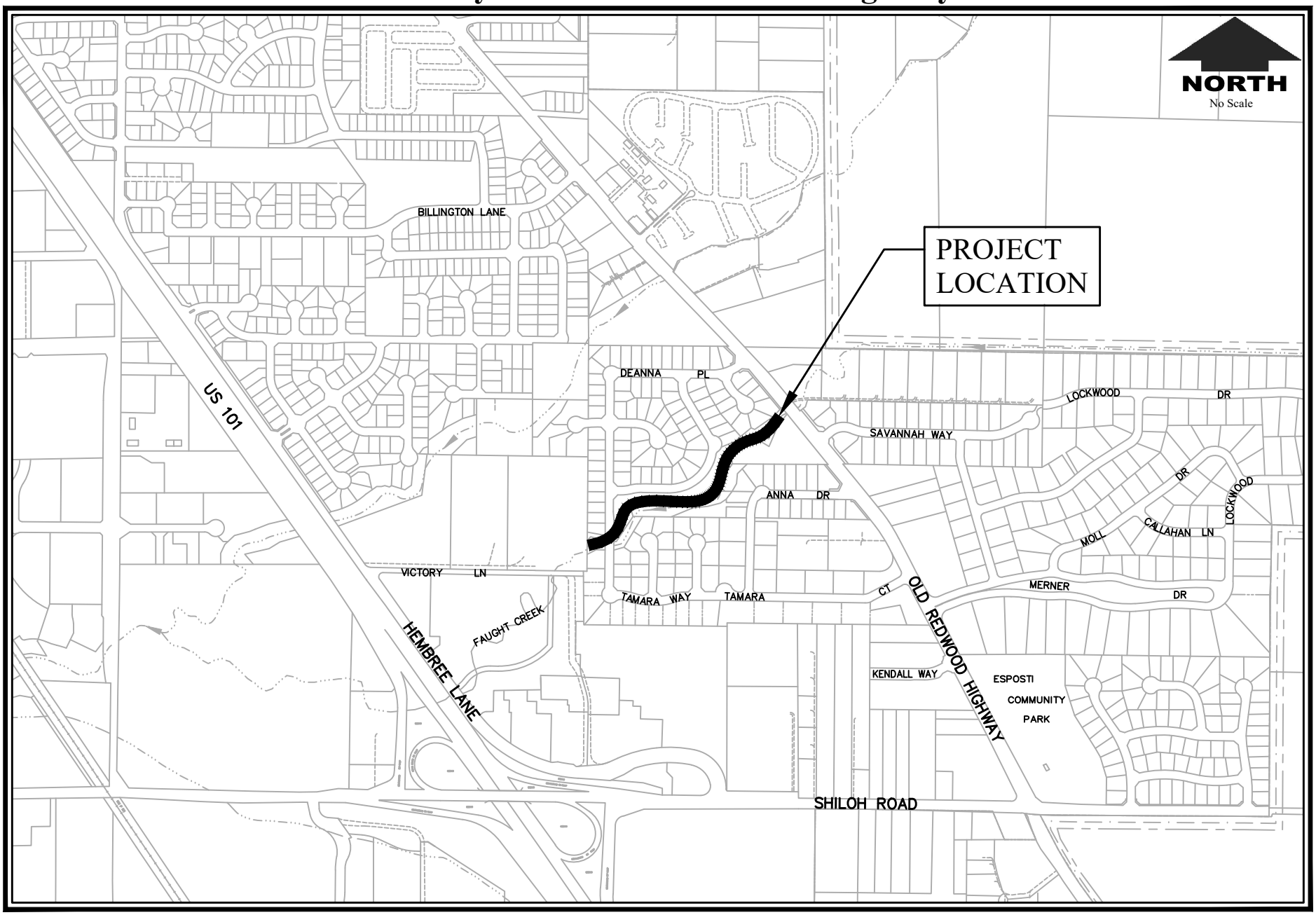
**YES** **( )**
**NO** **( X )**

**General Plan Consistency:**

The Project is consistent with General Plan Transportation Policies including Walkable and Bikeable Community Policy M-4.10 Bicycle and Pedestrian Crossing Safety - the Town shall develop safe and convenient bikeways and pedestrian crossings that reduce conflicts between pedestrians, bicyclists, and motor vehicles on streets, multi-use trails, and sidewalk and Policy M-4.14 - Safe Routes to School - the Town shall continue to coordinate with the School District on implementation of the Safe Routes to School program to ensure a safe pedestrian and bicycling network to and from local educational facilities for all.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Prelim/Final Design | - | | | 13,000 | - | - | - | - | $ 13,000 |
| | Construction | - | - | | 70,000 | - | - | - | - | $ 70,000 |
| | Construction Management | - | - | | 14,000 | - | - | - | - | $ 14,000 |
| | Project Management | - | - | | | - | | - | - | $ - |
| | Legal Services/Admin | - | - | | 1,000 | - | - | - | - | $ 1,000 |
| | **Total** | $ - | $ - | | $ 98,000 | $ - | $ - | $ - | $ - | $ 98,000 |
| **Funding Sources:** | Transp. Grant Fund (TDA3) | | | | 98,000 | | - | - | - | $ 98,000 |
| | | | | | - | - | - | - | - | $ - |
| | **Total** | $ - | $ - | | $ 98,000 | $ - | $ - | $ - | $ - | $ 98,000 |
| **Estimated O & M:** | | | | | | | | | | |

# Faught Creek Trail Improvements from Victory Lane to Old Redwood Highway






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Faught Creek Trail Improvements from Victory Lane to Old Redwood Highway**

**Project No:** New

**GL No:** 111-63-25-XXXX-4510-000

**Project Description:**
Formalize an existing compacted 8 foot trail extending from Old Redwood Highway to Gabrielle Drive on north side of creek. Trail would be located at top of bank following Gabrielle Drive to Amie Drive. Crossing improvements to be installed on Amie Drive to connect trail on Gabrielle to Victory Lane. Formalize a footpath from Amie Drive to the improved trail to be installed by the Portello (Victoria Oaks) Subdivision.
* Partially funded by Transportation for Clear Air (TFCA) Grant.

**Department:**
Public Works - Engineering

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
Providing bike/pedestrian facilities for a healthy community. Improvements identified in the 2014 Windsor Bicycle and Pedestrian Master Plan Update and the 2018 Class I Bicycle and Pedestrian Trails Study.

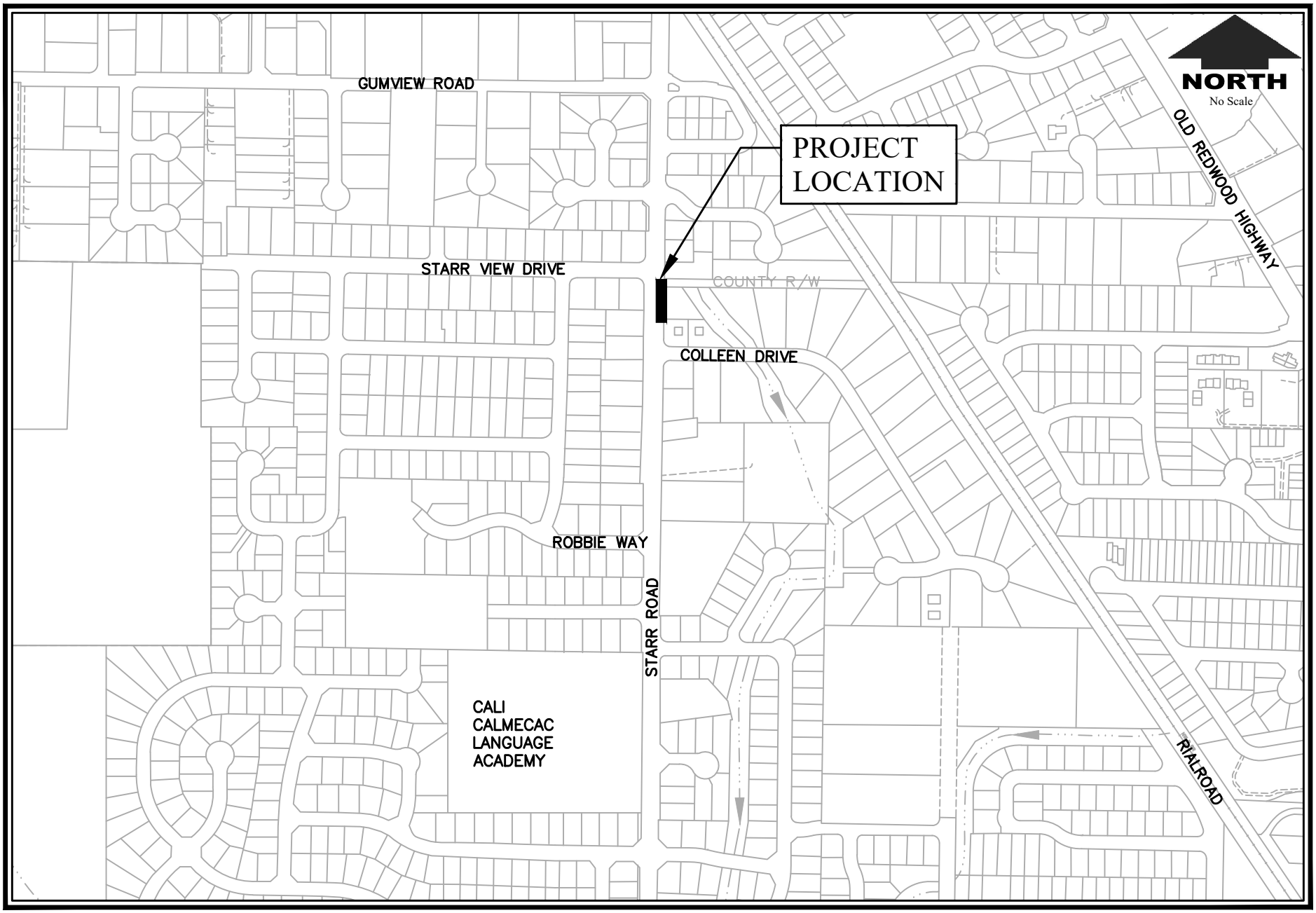
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
The Project is consistent with General Plan Transportation Policies including Walkable and Bikeable Community Policy M-4.2 Trail Network - the Town shall expand its network of trails throughout the town, wherever feasible, through public open spaces and easements for recreational enjoyment and for a vehicle-free route to parks, schools, and neighborhoods through walled subdivisions and Policy M-4.3 Trail Accessibility - the Town shall require trails to be within a short walk of most residents in order to harbor active lifestyles and offer opportunities to appreciate open space.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design and permitting | - | - | | | | 45,000 | - | - | 45,000 |
| | Construction | - | - | | | | 240,000 | - | - | 240,000 |
| | Construction Management | - | - | | | | 48,000 | - | - | 48,000 |
| | Project Management | - | - | | | | | - | - | - |
| | Legal Services/Admin | - | - | | | | 5,000 | - | - | 5,000 |
| | **Total** | $ - | $ - | | $ - | $ - | $ 338,000 | $ - | $ - | $ 338,000 |
| **Funding Sources:** | General Fund | - | - | | | | 222,000 | - | - | 222,000 |
| | TGF (TFCA) | - | - | | | | 116,000 | - | - | 116,000 |
| | **Total** | $ - | $ - | | $ - | $ - | $ 338,000 | $ - | $ - | $ 338,000 |
| **Estimated O & M:** | | | | | | | | | | |

# Starr Road Sidewalk Improvements South of Starr View Drive






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Starr Road Sidewalk Improvements South of Starr View Drive**

**Project No:** 2042

**GL No:** 170-94-25-2042-4510-000
**GL No:** 010-63-25-2042-4510-000

**Project Description:**
The project consists of the construction of approximately 150 linear feet of sidewalk and removal of architectural barriers on the east side of Starr Road opposite Colleen Court. This project will provide an accessible route of travel for people with disabilities, and parents and children walking to and from the Cali Calmecac School as well as a safer environment for residents and pedestrians walking in the Starr Road neighborhood.

**Department:**
Public Works - Engineering

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
This project will provide an accessible route of travel and a safer environment for parents and children walking to and from Cali Calmecac Language Academy and the surrounding Starr Road Neighborhoods. The project falls within the Station Area/Downtown Specific Plan. The project is consistent with the Specific Plan goals and policies for pedestrian connectivity and improved sidewalks/streetscapes. The project was evaluated and identified in the draft Safe Routes to School report. The Town will be receiving a Community Development Block Grant (CDBG) for this project.

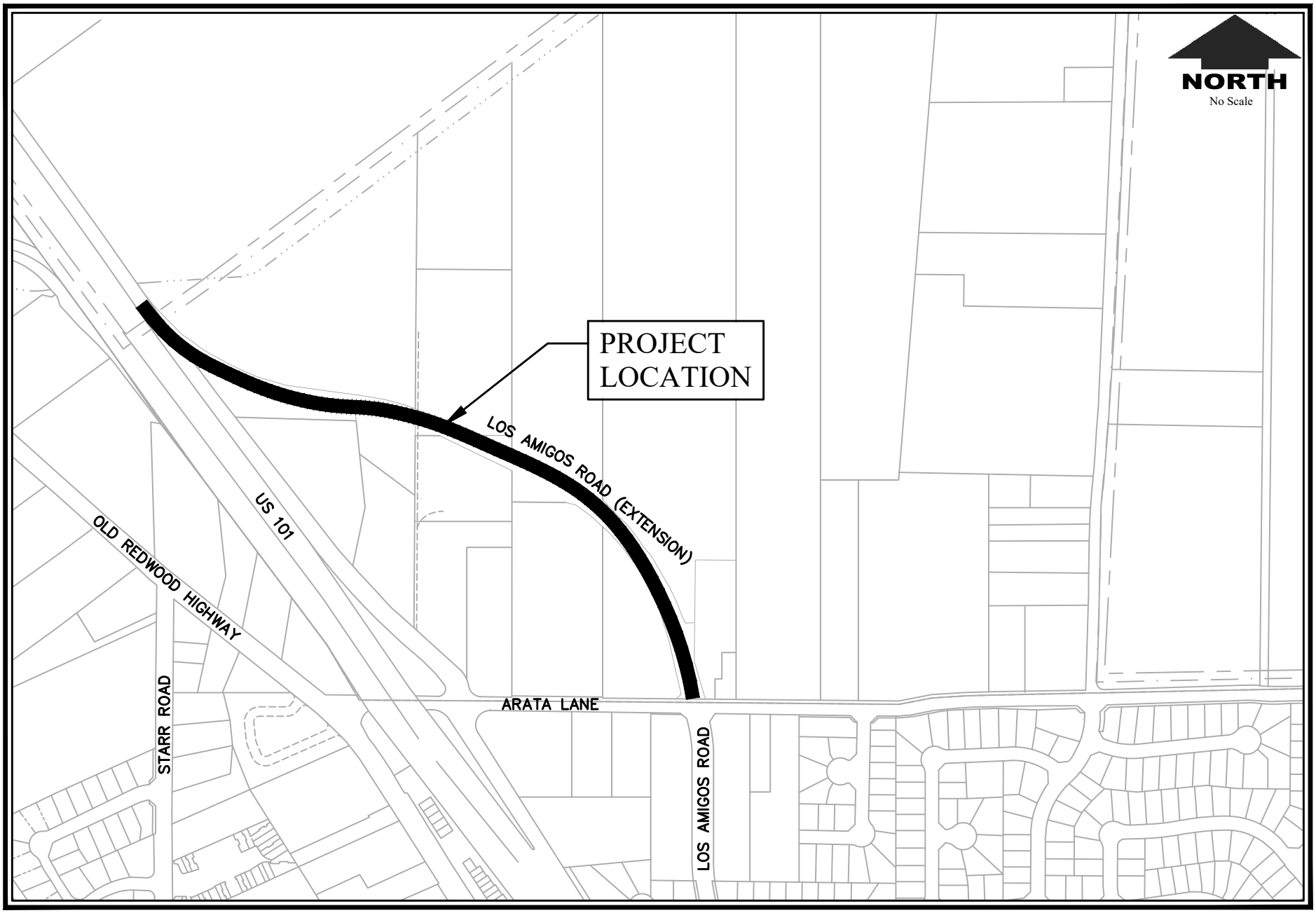
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES** **( )**
**NO** **( X )**

**General Plan Consistency:**
The Project is consistent with General Plan Transportation Policies including Streets and Roadways Policy M-3.1 Connected Network - The Town shall strive to create a more connected transportation network by eliminating "gaps" in roadways, bikeways, and pedestrian networks; increasing transit access; and removing natural and manmade barriers to accessibility and connectivity and Walkable and Bikeable Community Policy M-4.4 Pedestrian and Bicycling Gaps - The Town shall encourage closing the gaps in the sidewalk and bicycling network to ensure continuous pedestrian and cycling access within town.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Prelim/Final Design | 45,000 | 28,000 | - | - | - | - | - | $ - |
| | Construction | 80,000 | - | 80,000 | - | - | - | - | $ 80,000 |
| | Construction Management | 25,000 | - | 15,000 | - | - | - | - | $ 15,000 |
| | Project Management | | - | | - | - | - | - | $ - |
| | Legal Services/Admin/ROW | 5,000 | - | 3,000 | - | - | - | - | $ 3,000 |
| | **Total** | $ 155,000 | $ 28,000 | $ 98,000 | $ - | $ - | $ - | $ - | $ 98,000 |
| **Funding Sources:** | Comm Dev Block Grant (CDBG) | 90,000 | 28,000 | 62,000 | - | - | - | - | $ 62,000 |
| | General Fund | 65,000 | - | 36,000 | - | - | - | - | $ 36,000 |
| | **Total** | $ 155,000 | $ 28,000 | $ 98,000 | $ - | $ - | $ - | $ - | $ 98,000 |
| **Estimated O & M:** | | | | | | | | | |

# Arata Lane Interchange Phase 2B for Los Amigos Realignment






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Arata Lane Interchange Phase 2B for Los Amigos Road Realignment**

**Project No:** 1812

**GL No:** 210-63-25-1812-4510-000

**Project Description:**
Realignment of Los Amigos Road (north) to accommodate construction of the Phase 2C - Arata Northbound On-Ramp Project. Improvements include a new 2 lane roadway with shoulders (possible bike lanes). All construction including sidewalk, curb/gutter and/or utilities are anticipated to be constructed by developers.
* Partially funded by Economic Development Administration Grant

**Department:**
Public Works - Engineering

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
Completion of the Arata Lane Interchange at Highway 101. Phase I - Southbound On-Ramp and Northbound Off-Ramp Project and Phase 2A - Southbound Off-Ramp Project have been completed. Remaining improvements to be constructed include: Phase 2B - Los Amigos Road Realignment, Phase 2C - Northbound On-Ramp and Phase 2D - Arata Lane Widening/Reconstruction of Highway 101 Overpass.

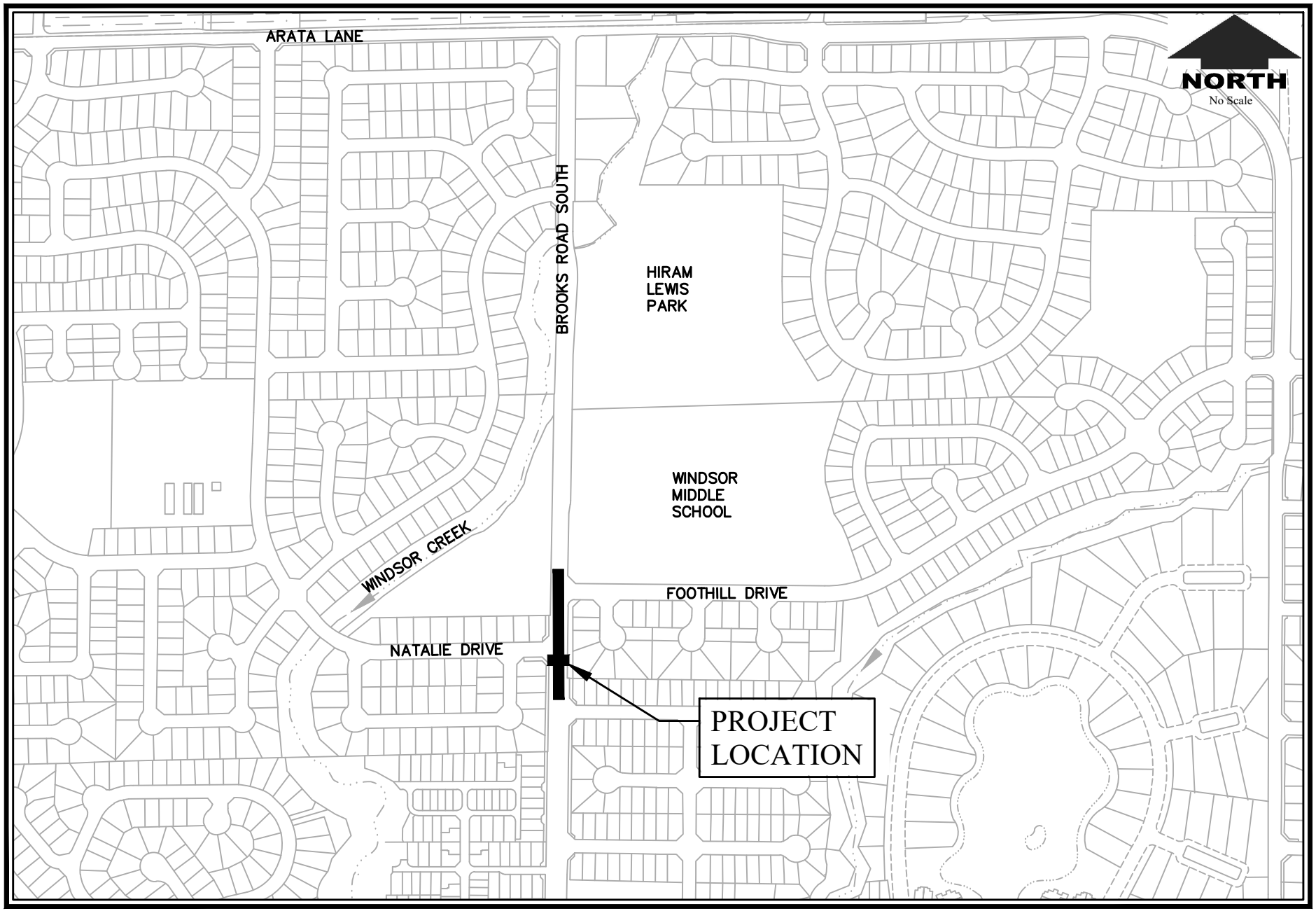
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
The Project is consistent with General Plan Transportation Policies including Multimodal Circulation System Policy M-1.1 Multimodal Transportation System - the Town shall continue to implement a multimodal transportation system that connects residents to activity centers throughout and near town, such as commercial centers and corridors, employment centers, the SMART train stop, the airport, schools, parks, recreation areas, and other attractions.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design | - | - | | 540,000 | - | - | - | - | $ 540,000 |
| | Environmental | - | - | | 225,000 | - | - | - | - | $ 225,000 |
| | Project Management | - | - | | - | - | - | - | - | $ - |
| | Legal Services/Admin | - | - | | - | - | - | - | - | $ - |
| | Right-of-Way - Constr.Easements | - | - | | 90,000 | - | - | - | - | $ 90,000 |
| | Construction Management | - | - | | - | - | - | - | - | $ - |
| | Construction | - | - | | - | - | - | - | - | $ - |
| | **Total** | $ - | $ - | | $ 855,000 | $ - | $ - | $ - | $ - | $ 855,000 |
| **Funding Sources:** | Traffic Mitigation | - | - | | 855,000 | - | - | - | - | $ 855,000 |
| | Transp. Grant Fund* | - | - | | - | - | - | - | - | $ - |
| | General Fund | - | - | | - | - | - | - | - | $ - |
| | | | | | | | | | | $ - |
| | **Total** | $ - | $ - | | $ 855,000 | $ - | $ - | $ - | $ - | $ 855,000 |
| **Estimated O & M:** | | | | | | | | | | |

# Crosswalk Enhancements at Brooks Road South at Natalie Drive






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Crosswalk Enhancement at Brooks Road South at Natalie Drive**

**Project No:** 2204
010-63-25-2204-4510-000
**GL No:** 111-63-25-2204-4510-000

**Project Description:**
Brooks Road South at Natalie Drive - Improve existing crosswalk with a pedestrian-activated warning system such as an RRFB and a pedestrian refuge island for pedestrian safety and for placement of a flashing beacon. Construction also includes a curb extension be constructed on the west side of the street to reduce the crossing distance and increase pedestrian visibility and a curb ramp should be constructed on the east side of the crossing to provide an accessible crossing.
* May be partially funded in future by Transportation Development Act Article 3 (HSIP) or Transportation for Clean Air (TFCA) Grants

**Department:**
Public Works - Engineering

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
Brooks Road South at Natalie Drive -The existing crosswalk was installed as part of the 2018 Safe Routes to School Report. Since that time, concerns regarding pedestrian safety in the crosswalk have been brought to the Town. The improvements will also bring the crosswalk to current American with Disabilities Act (ADA) standards.

**Appropriations beyond the 5 year program period are needed to complete project:**

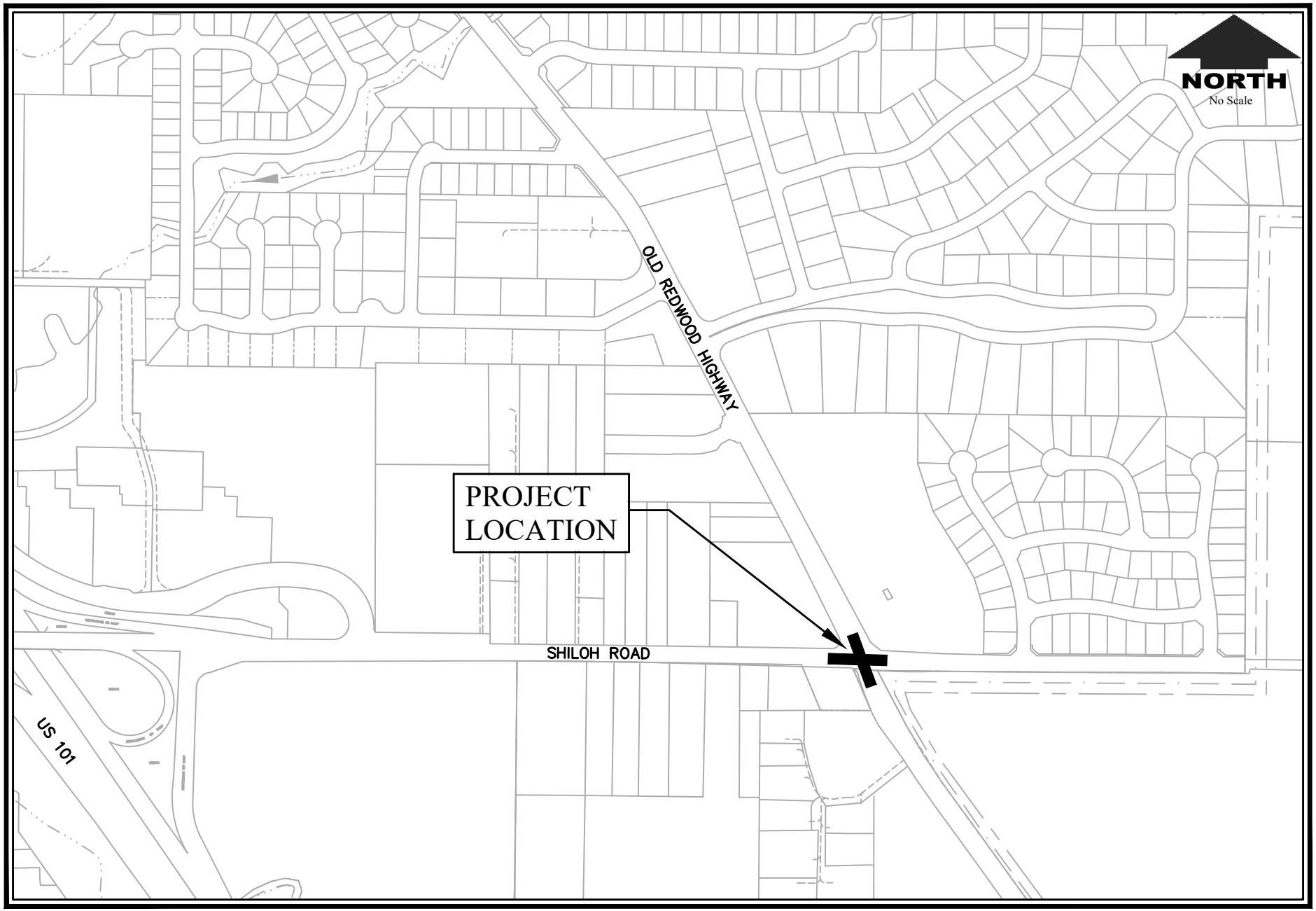
**YES ( )**
**NO ( X )**

**General Plan Consistency:**

The Project is consistent with General Plan Transportation Policies including Walkable and Bikeable Community Policy M-4.10 Bicycle and Pedestrian Crossing Safety - the Town shall develop safe and convenient bikeways and pedestrian crossings that reduce conflicts between pedestrians, bicyclists, and motor vehicles on streets, multi-use trails, and sidewalk and Policy M-4.14 - Safe Routes to School - the Town shall continue to coordinate with the School District on implementation of the Safe Routes to School program to ensure a safe pedestrian and bicycling network to and from local educational facilities for all.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Prelim/Final Design | - | - | | 40,000 | - | - | - | - | 40,000 |
| | Construction | - | - | | 210,000 | - | - | - | - | 210,000 |
| | Construction Management | - | - | | 20,000 | - | - | - | - | 20,000 |
| | Project Management | - | - | | - | - | - | - | - | - |
| | Legal Services/Admin | - | - | | 600 | - | - | - | - | 600 |
| | | - | | | - | | - | | | |
| | **Total** | $ - | $ - | | $ 270,600 | $ - | $ - | $ - | $ - | $ 270,600 |
| **Funding Sources:** | Grants (HSIP) | - | - | | 240,600 | - | - | | | 240,600 |
| | General Fund | - | - | | 30,000 | - | - | - | - | 30,000 |
| | | - | - | | | - | - | - | - | - |
| | **Total** | $ - | $ - | | $ 270,600 | $ - | $ - | $ - | $ - | $ 270,600 |
| **Estimated O & M:** | | | | | | | | | | |

# Shiloh Road/Old Redwood Highway Intersection






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Shiloh Road/Old Redwood Highway Intersection**

**Project No:** New

**GL No:**

**Project Description:**
Design and construction of the Shiloh Road/Old Redwood Highway intersection. The intersection is currently a signalized intersection. Preliminary geometric layouts have been completed for both a roundabout option and an improved signalized option.

**Department:**
Public Works - Engineering

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
The Shiloh Road/Old Redwood Highway intersection is a very heavily traveled intersection. The Shiloh Road/Highway 101 interchange is the most southerly interchange in the Town of Windsor and is used for drivers to access the south end of the Town. Development applications along Shiloh Road are currently being processed and the expectation is that additional applications will be submitted in the near future. The improvements to this intersection will play an important role in the development of land along Shiloh Road.

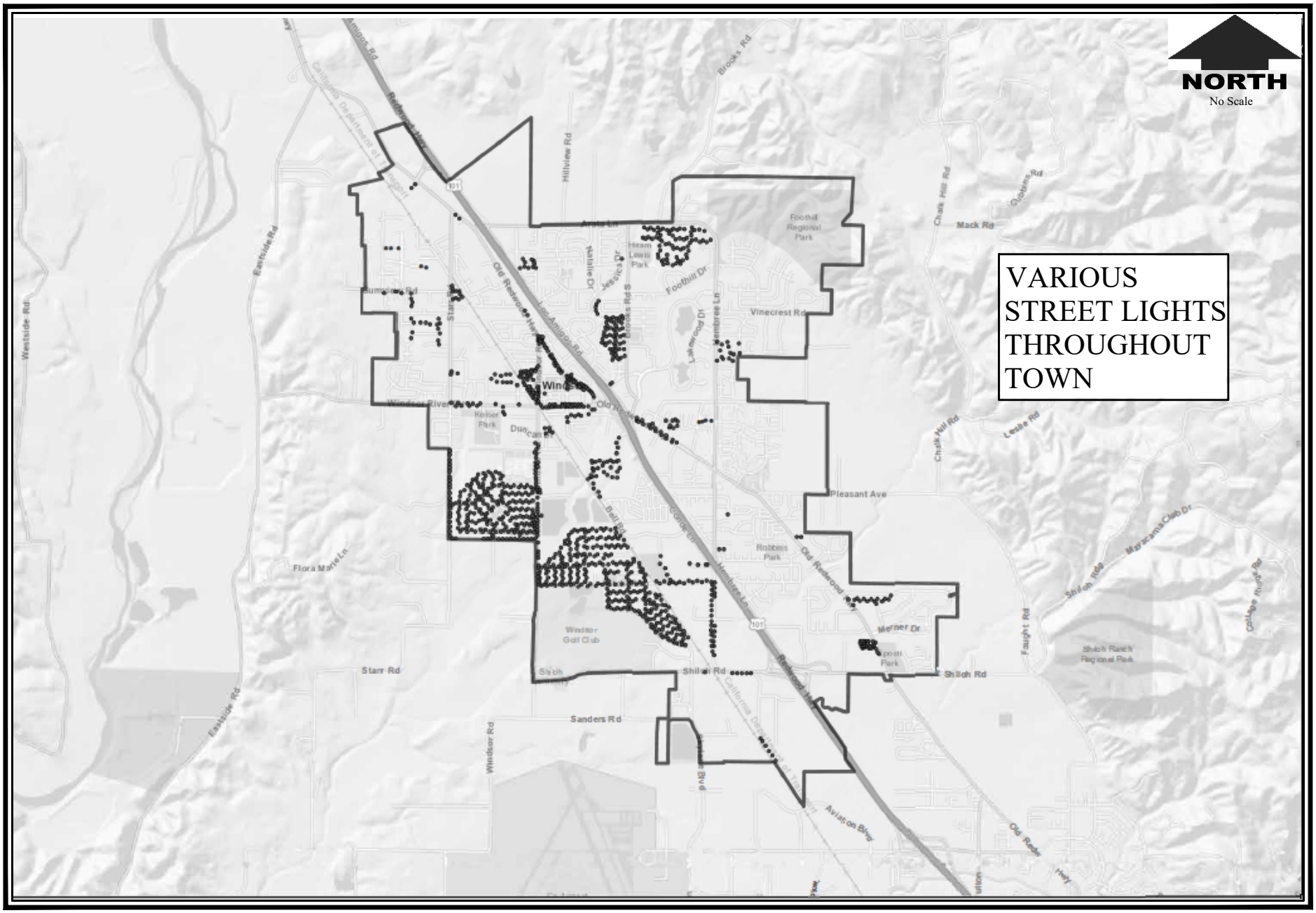
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
The Project is consistent with General Plan Transportation Policies including Complete Streets Policy M-2.7 Complete Street Priority Areas - the Town shall prioritize complete streets improvements (e.g., bicycle, pedestrian, vehicle, and transit facilities) at and along U.S. Highway 101 interchanges, including Shiloh Road, Arata Lane, and Central Windsor.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Final Design/Permits | - | - | - | - | 350,000 | | - | $ 350,000 |
| | Construction | - | - | - | - | - | 2,100,000 | - | $ 2,100,000 |
| | Construction Management | - | - | - | | - | 200,000 | - | $ 200,000 |
| | Project Management | - | - | - | | - | | - | $ - |
| | Legal Services/Admin | - | - | - | | 10,000 | | - | $ 10,000 |
| | Right of Way (ROW) | - | - | - | | 200,000 | | - | $ 200,000 |
| | **Total** | $ - | $ - | - | $ - | $ 560,000 | $ 2,300,000 | $ - | $ 2,860,000 |
| **Funding Sources:** | General Fund | - | - | | | 560,000 | 2,300,000 | - | $ 2,860,000 |
| | Dev. Contribution | | | | | | | | $ - |
| | Grants | | | | | | | | $ - |
| | **Total** | $ - | $ - | | $ - | $ 560,000 | $ 2,300,000 | $ - | $ 2,860,000 |
| **Estimated O & M:** | | | | | | | | | |

# Town Wide Streetlight LED Retrofit






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Town Wide Streetlight LED Retrofit**

**Project No:** 2205

**GL No:** 010-63-25-2205-4510-000

**Project Description:**
Implement a Town-wide program to retrofit all high pressure sodium streetlights to LED fixtures. This project would include the conversion of 887 Post Top fixtures (acorn type) and 54 Cobra head type fixtures. The project will convert all remaining high pressure sodium lights to LED for potential future cost savings to the Town.

**Department:**
Public Works - Engineering

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
This project would help the Town move forward on it's goal to reduce GHG emissions and it would help lower monthly maintenance costs on the Town's streetlight inventory. Energy savings to the Town would be approximately $46,000 annually and maintenance savings would be approximately $33,000 annually. The payback term on the energy and maintenance savings is estimated to be approximately 4.5 years.

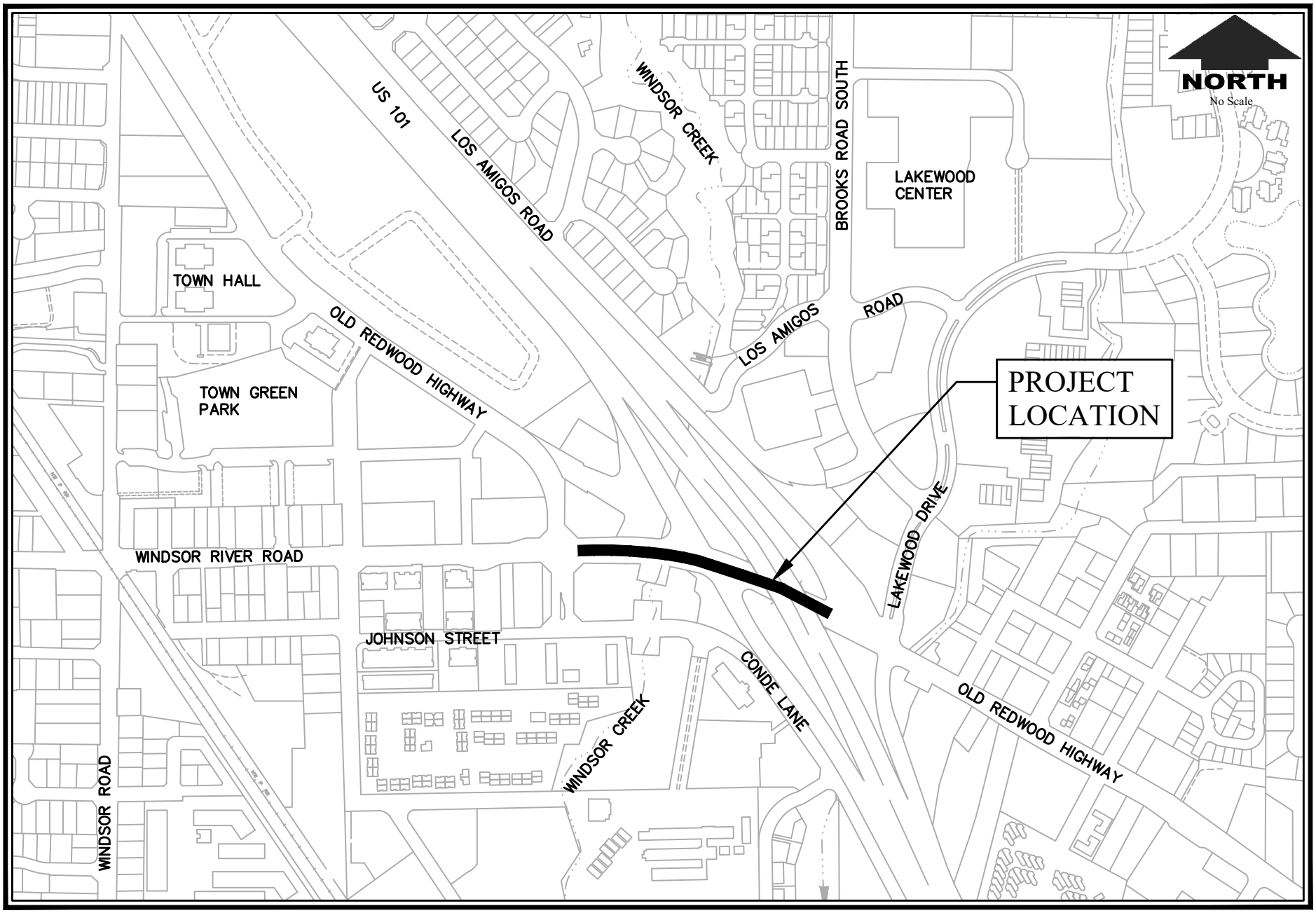
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
This project is consistent with General Plan Policies on Greenhouse Gas Emissions (Policy ER-5.20, Windsor Serving as the Energy Conservation Model) and General Public Facilities and Services (Policies PFS-1.5, Sustainable Practices and PFS-1.6, Energy Efficient Buildings and Infrastructure).

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Prelim/Final Design | - | - | - | - | | - | - | $ - |
| | Construction | - | - | 187,500 | 187,500 | | - | - | $ 375,000 |
| | Construction Management | - | - | - | - | | - | - | $ - |
| | Project Management | - | - | - | - | | - | - | $ - |
| | Legal Services/Admin | - | - | - | - | | - | - | $ - |
| | | - | - | - | - | | - | - | $ - |
| | **Total** | $ - | $ - | $ 187,500 | $ 187,500 | $ - | $ - | $ - | $ 375,000 |
| **Funding Sources:** | General Fund | - | - | 187,500 | 187,500 | | - | - | $ 375,000 |
| | | | | | | | | | $ - |
| | | | | | | | | | $ - |
| | **Total** | $ - | $ - | $ 187,500 | $ 187,500 | $ - | $ - | $ - | $ 375,000 |
| **Estimated O & M:** | | | | | | | | | |

# Downtown Pedestrian & Bicycle Crossing of US 101 Phase 1






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Downtown Pedestrian & Bicycle Crossing of US 101 Phase 1**

**Project No:** 2206
010-63-25-2206-4510-000
**GL No:** 210-63-25-2206-4510-000

**Project Description:**
Caltrans Project Initiation Documents (PID) and Design and Environmental for the Downtown Crossing of US 101 Phase 1. This work consists of improving the existing US 101 underpass by widening the underpass and adding Class I bike paths with protected two-way bike lanes and widened pedestrian paths.

**Department:**
Public Works - Engineering

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
For all transportation modes, travel between important destinations on each side of the freeway is restricted to just three crossing locations within Windsor. The U.S. 101 at Central Windsor underpass on Old Redwood Highway is the primary link between the east and west sides of town. The Town has broader goal of creating a more cohesive and walkable downtown area by improving the existing U.S. 101 Old Redwood Highway crossing and creating a new dedicated bicycle/pedestrian crossing.

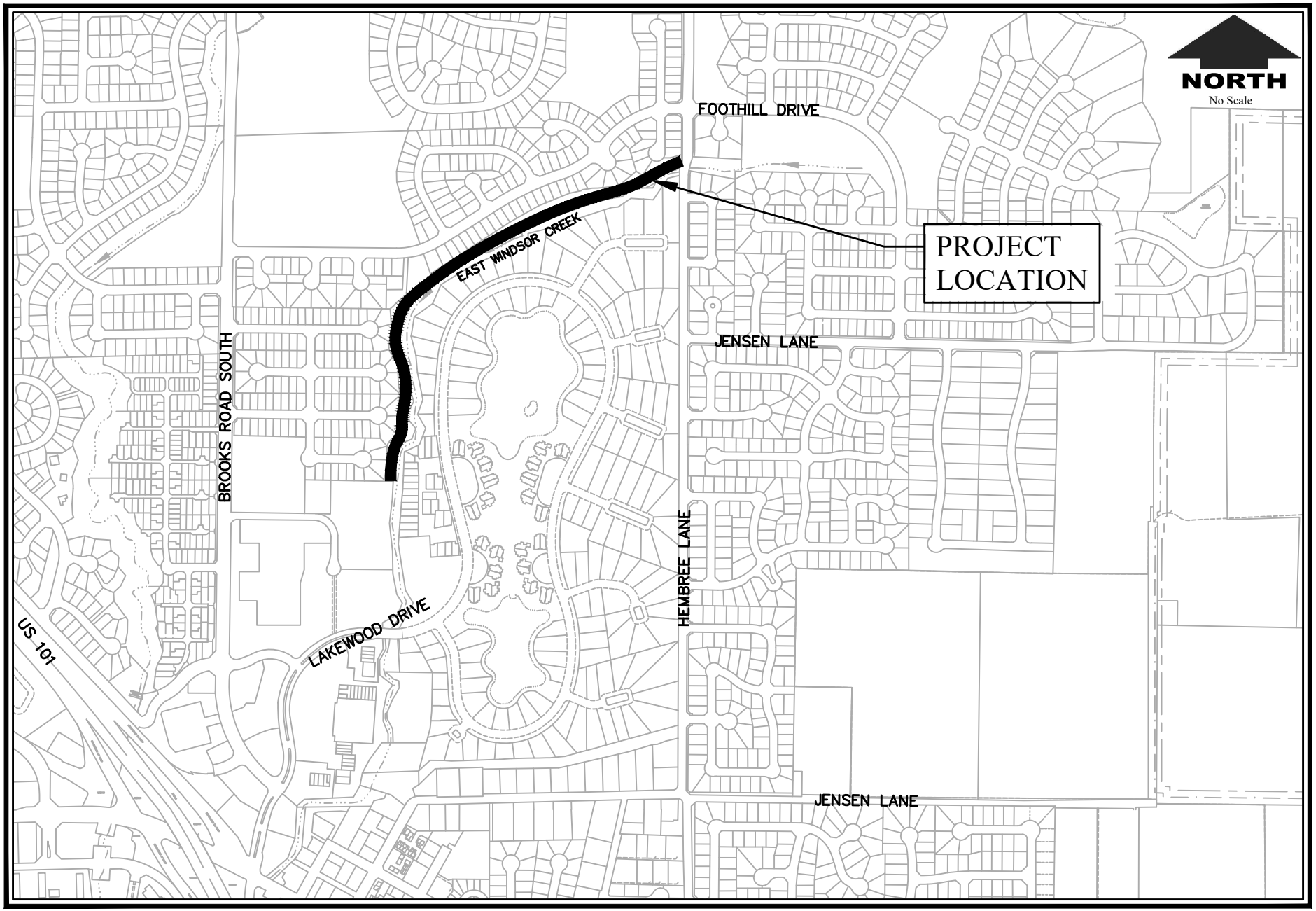
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
The Project is consistent with General Plan Transportation Policies including Complete Streets Policy M-2.7 Complete Street Priority Areas - the Town shall prioritize complete streets improvements (e.g., bicycle, pedestrian, vehicle, and transit facilities) at and along U.S. Highway 101 interchanges, including Shiloh Road, Arata Lane, and Central Windsor.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Caltrans Oversight (PID) | - | - | | 150,000 | | 300,000 | | - | $ 450,000 |
| | Preliminary Engineering | - | - | | 350,000 | - | | - | - | $ 350,000 |
| | Design & Environmental | - | - | | - | - | 650,000 | | - | $ 650,000 |
| | Project Management | - | - | | - | - | | - | - | $ - |
| | Legal Services/Admin | - | - | | - | - | | - | - | $ - |
| | Right of Way (ROW) | - | - | | - | - | 100,000 | | - | $ 100,000 |
| | Construction | | | | | | | | 5,000,000 | $ 5,000,000 |
| | Construction Management | | | | | | | | 800,000 | $ 800,000 |
| | **Total** | $ - | $ - | | $ 500,000 | $ - | $ 1,050,000 | $ - | $ 5,800,000 | $ 7,350,000 |
| **Funding Sources:** | General Fund | - | - | | 250,000 | | 1,050,000 | | 300,000 | $ 1,600,000 |
| | Traffic Mitigation | | | | 250,000 | | | | 396,000 | $ 646,000 |
| | Grant Funds | | | | | | | | 5,104,000 | $ 5,104,000 |
| | **Total** | $ - | $ - | | $ 500,000 | $ - | $ 1,050,000 | $ - | $ 5,800,000 | $ 7,350,000 |
| **Estimated O & M:** | | | | | | | | | | |

# East Windsor Creek Trail and Pedestrian Bridge






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**East Windsor Creek Trail and Pedestrian Bridge**

**Project No:** New

**GL No:** 111-63-25-XXXX-4510-000

**Project Description:**
This project would formalize the existing gravel trail between Hembree Lane and Lakewood Drive and follows the west side of the creek. A short spur extends between the main trail along the creek corridor and Foothill Drive adjacent to the southeast corner of Windsor Middle School of creek. A trail bridge would be required to cross a tributary approximately 400 feet south of Foothill Drive and would formalize the existing gravel trail and fire access road between Hembree Lane and Lakewood Drive.

**Department:**
Public Works - Engineering

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
Providing bike/pedestrian facilities for a healthy community. Improvements identified in the 2014 Windsor Bicycle and Pedestrian Master Plan Update and the 2018 Class I Bicycle and Pedestrian Trails Study.
* Potential for future grant funding

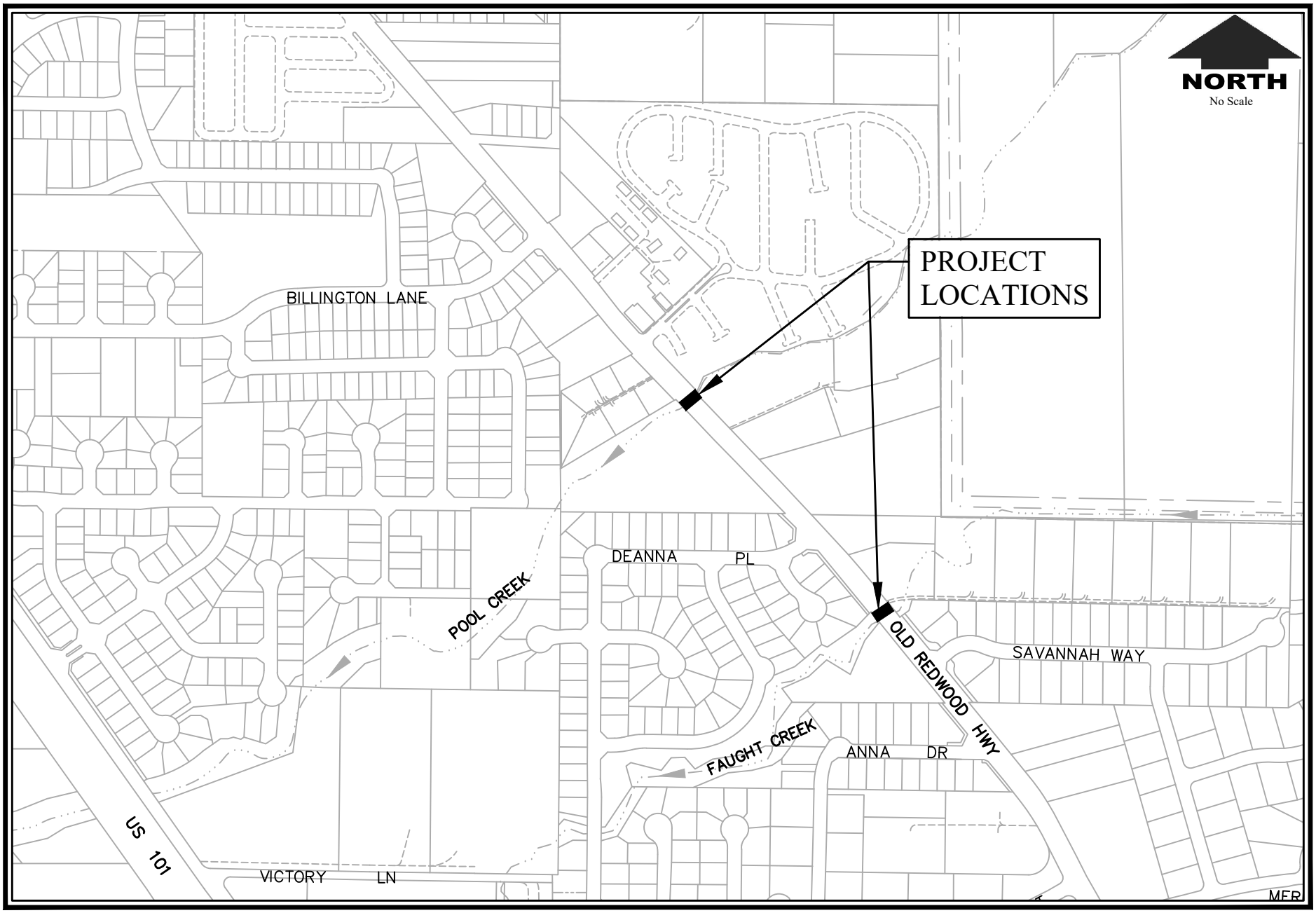
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES** **( )**
**NO** **( X )**

**General Plan Consistency:**
The Project is consistent with General Plan Transportation Policies including Walkable and Bikeable Community Policy M-4.2 Trail Network - the Town shall expand its network of trails throughout the town, wherever feasible, through public open spaces and easements for recreational enjoyment and for a vehicle-free route to parks, schools, and neighborhoods through walled subdivisions and Policy M-4.3 Trail Accessibility - the Town shall require trails to be within a short walk of most residents in order to harbor active lifestyles and offer opportunities to appreciate open space.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design and permitting | - | - | | - | - | 70,000 | - | - | 70,000 |
| | Construction | - | - | | - | - | | 300,000 | - | 300,000 |
| | Construction Management | - | - | | - | - | | 50,000 | - | 50,000 |
| | Project Management | - | - | | | - | - | - | - | - |
| | Legal Services/Admin | - | - | | - | - | 5,000 | - | - | 5,000 |
| | **Total** | $ - | $ - | | $ - | $ - | $ 75,000 | $ 350,000 | $ - | $ 425,000 |
| **Funding Sources:** | General Fund | - | - | | - | - | 75,000 | 50,000 | - | 125,000 |
| | Transp. Grant Fund* | - | - | | - | | | 300,000 | - | 300,000 |
| | **Total** | $ - | $ - | | $ - | $ - | $ 75,000 | $ 350,000 | $ - | $ 425,000 |
| **Estimated O & M:** | | | | | | | | | | |

# Old Redwood Highway Bridges Replacement






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Old Redwood Highway Bridges Replacement**

**Project No:** New

**GL No:**

**Project Description:**
Replace two deficient bridges on Old Redwood Highway at the Pool Creek and the Faught Creek crossings. The bridges will be replaced with structures that allow for 11' vehicular travel lanes, 6' to 8' sidewalks, and 6' bicycle lanes. Safety rails and guard rail (if necessary) will be included. State Highway Bridge funding programs and Federal funding opportunities will be considered to help fund this project. Costs provided are for initial application development for highway bridge program.

**Department:**
Public Works - Engineering

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
These bridges were built in 1925 and are, by today's standards, hydraulic inadequate and much too narrow to allow vehicles, pedestrians and bicycles to pass safely. They don't meet current safety standards and need to be removed and replaced.

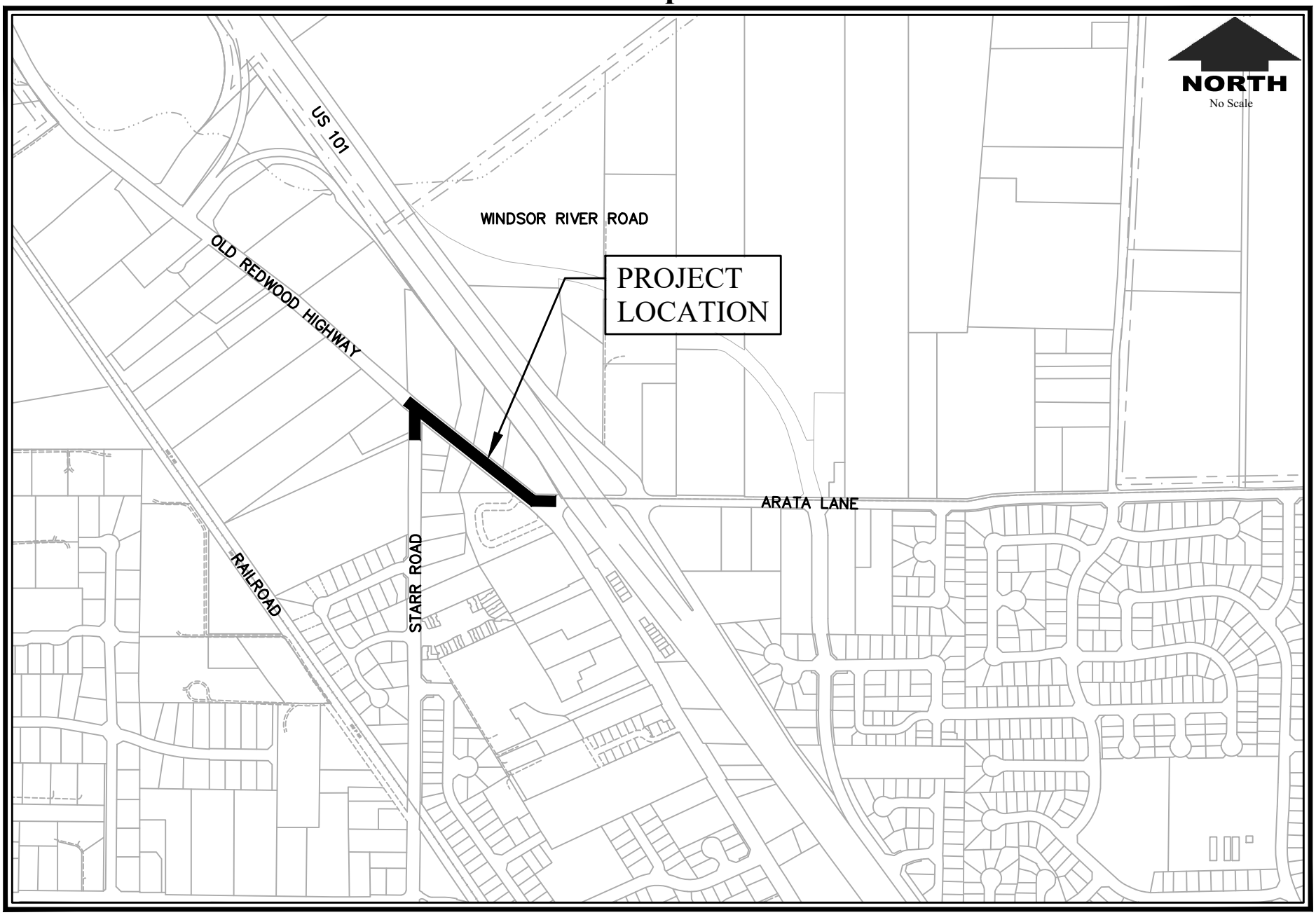
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
The Project is consistent with General Plan Transportation Policies including Streets and Roadways Policy M-3.11 Bridge Maintenance - the Town shall continue to maintain the bridges throughout town and develop a plan for roadway and hydraulic capacity for the bridges to address future development.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Environmental/Prelim Design | - | - | | - | | | 200,000 | - | $ 200,000 |
| | Legal Services/Admin | - | - | | - | | | 2,000 | - | $ 2,000 |
| | | | | | | | | | | $ - |
| | | | | | | | | | | $ - |
| | | | | | | | | | | $ - |
| | | | | | - | | | | | $ - |
| | **Total** | $ - | $ - | | $ - | $ - | | $ 202,000 | $ - | $ 202,000 |
| **Funding Sources:** | General Fund | - | - | | - | | | 101,000 | - | $ 101,000 |
| | Traffic Mitigation Fund | | | | | | | 101,000 | | $ 101,000 |
| | | | | | | | | | | $ - |
| | **Total** | $ - | $ - | | $ - | $ - | | $ 202,000 | $ - | $ 202,000 |
| **Estimated O & M:** | | | | | | | | | | |

# Old Redwood Highway from Starr Road to Arata Lane
# Pedestrian Improvements






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Old Redwood Highway from Starr Road to Arata Lane Pedestrian Improvements**

**Project No:** New

**GL No:**

**Project Description:**
This intersection of Starr Road-ORH will be analyzed for a possible roundabout. The project consists of improvements at the Starr Road/ Old Redwood Highway intersection including; traffic signal improvements or roundabout, curb & gutter along the west side of the intersection, crosswalks across the north leg of Old Redwood Highway (ORH) and the west leg of Starr Road, an all-weather surface pathway connection from the Arata Lane crosswalk to the existing sidewalk on the west side of ORH, and related drainage improvements.

**Department:**
Public Works - Engineering

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
The intersection of ORH with Starr Road is challenging for pedestrians and bicyclists due to lack of facilities. The west side of the intersection is a wide radius and the bike lanes on ORH drop off. This intersection has no pedestrian crossings. Sidewalks are present on the south corner although there are several sidewalk gaps on the east side on Starr Road (one recently eliminated) and the sidewalk on the west side stops before the intersection. The existing signal does not detect pedestrians. At Arata Lane, a sidewalk gap on the west side of ORH impedes connectivity. An AC path with drainage improvements would improve access for pedestrians and bicyclists.

**Appropriations beyond the 5 year program period are needed to complete project:**

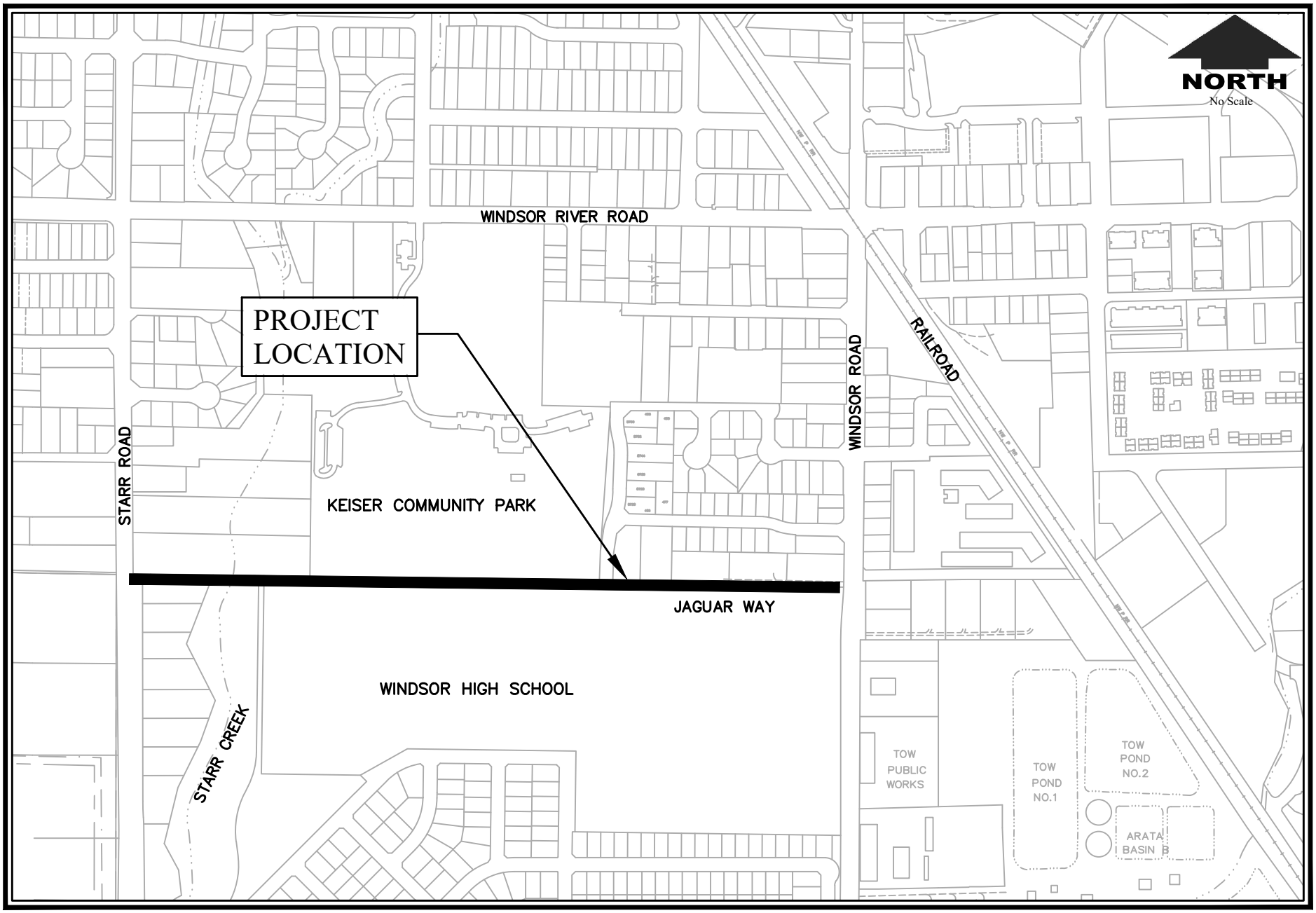
**YES ( )**
**NO ( X )**

**General Plan Consistency:**

The Project is consistent with General Plan Transportation Policies including Multimodal Circulation System Policy M-1.1 Multimodal Transportation System - the Town shall continue to implement a multimodal transportation system that connects residents to activity centers throughout and near town, such as commercial centers and corridors, employment centers, the SMART train stop, the airport, schools, parks, recreation areas, and other attraction.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Prelim/Final Design | - | - | | - | - | 225,000 | - | - | $ 225,000 |
| | Construction | - | - | | - | - | - | - | - | $ - |
| | Construction Management | - | - | | - | - | - | - | - | $ - |
| | Legal Services/Admin | - | - | | - | - | 5,000 | - | - | $ 5,000 |
| | Project Management | - | - | | - | - | - | - | - | $ - |
| | | | | | | | | | | $ - |
| | **Total** | $ - | $ - | | $ - | $ - | $ 230,000 | $ - | $ - | $ 230,000 |
| **Funding Sources:** | General Fund | - | - | | - | - | 230,000 | - | - | $ 230,000 |
| | **Total** | $ - | $ - | | $ - | $ - | $ 230,000 | $ - | $ - | $ 230,000 |
| **Estimated O & M:** | | | | | | | | | | |

# Jaguar Way Extension from Windsor Road to Starr Road






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Jaguar Way Extension from Windsor Road to Starr Road**

**Project No:** New

**GL No:**

**Project Description:**
On June 17, 2020 Council adopted the Initial Study/Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program. Project will provide safe pedestrian and bicycle access between Starr Road and Windsor Road giving through access to Windsor High School, the athletic fields and Keiser Park. Proposed project includes paved road for a portion of Jaguar Way with a Class I bike route from the High School to Starr Road including bike lanes, sidewalk and a bridge crossing of Starr Creek.
***Funding to be determined.**

**Department:**
Public Works - Engineering

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

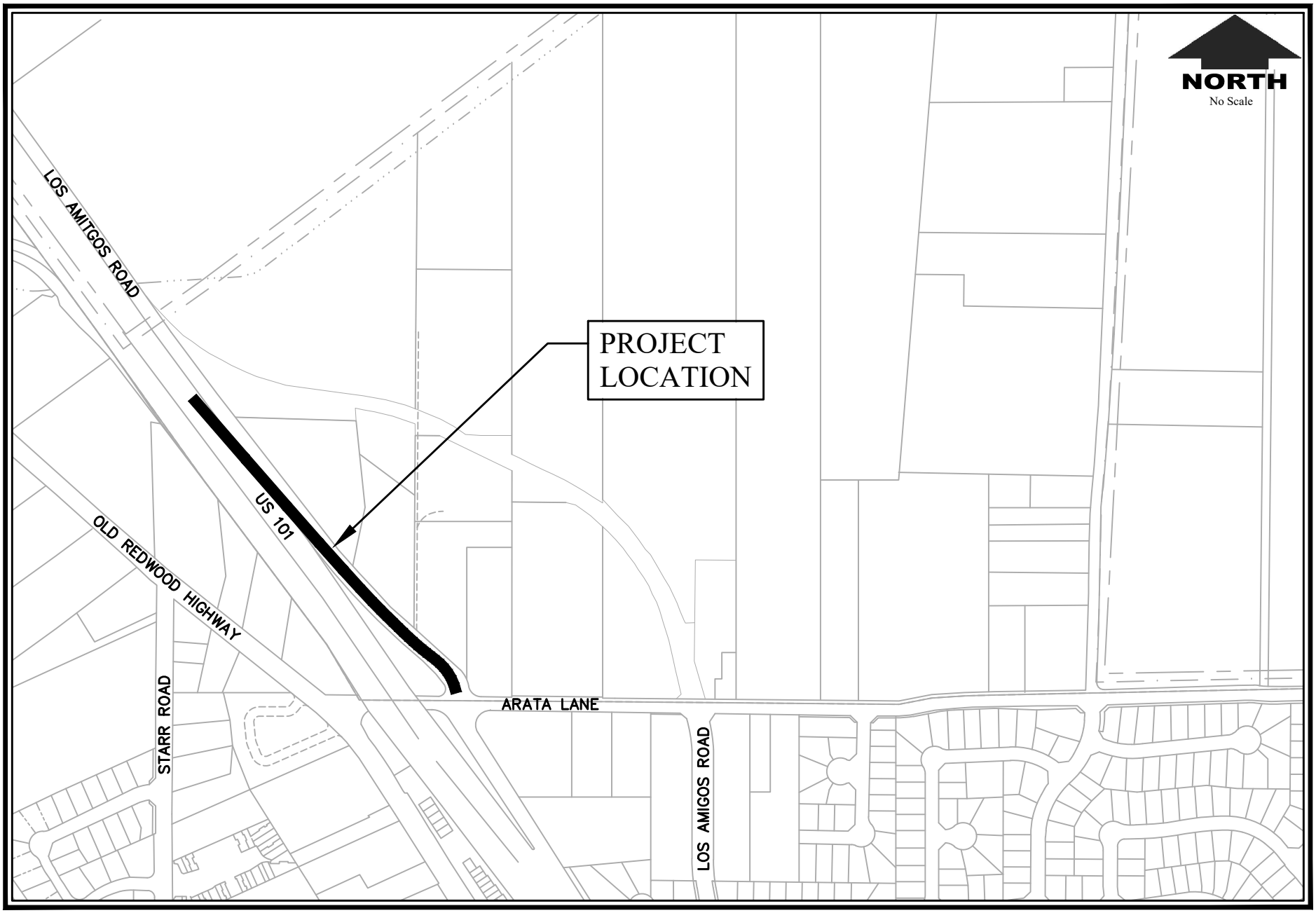
**Justification:**
Provide safe pedestrian and partial vehicular access and improve operations along Windsor Road and Jaguar Way as identified in the Town of Windsor ITS Pedestrian Safety Assessment. The project falls within the Station Area/Downtown Specific Plan. The project is consistent with the Specific Plan goals and policies for pedestrian/bike connectivity and improved sidewalks/streetscapes.

**Appropriations beyond the 5 year program period are needed to complete project:**
**YES ( )**
**NO ( X )**

**General Plan Consistency:**
The Project is consistent with General Plan Transportation Policies including Multimodal Circulation System Policy M-1.1 Multimodal Transportation System - the Town shall continue to implement a multimodal transportation system that connects residents to activity centers throughout and near town, such as commercial centers and corridors, employment centers, the SMART train stop, the airport, schools, parks, recreation areas, and other attractions and Complete Streets Policy M-2.3 Safe and Comfortable Streets - the Town shall design streets to enhance Windsor's identity, to be safe and convey a sense of security, and to be comfortable and convenient for all travel modes including motor vehicles, pedestrians, and bicyclists.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Environmental Review/Prelim. Design | - | - | | | | 110,000 | | - | $ 110,000 |
| | Design | - | - | | | | 410,000 | | - | $ 410,000 |
| | Construction | - | - | | | - | | 3,120,000 | - | $ 3,120,000 |
| | Construction Management | - | - | | | - | | 520,000 | - | $ 520,000 |
| | Environmental Mitigation | | - | | | - | | 500,000 | - | $ 500,000 |
| | Project Management | - | - | | | - | | 50,000 | - | $ 50,000 |
| | Legal Services/Admin/ROW | - | - | | | | - | | - | $ - |
| | **Total** | $ - | $ - | | | $ - | $ 520,000 | $ 4,190,000 | $ - | $ 4,710,000 |
| **Funding Sources:** | Traffic Mitigation | - | - | | | - | - | | | $ - |
| | Grants and other revenues | - | - | | | - | 520,000 | 4,190,000 | | $ 4,710,000 |
| | General Fund | - | - | | | - | - | | | $ - |
| | **Total** | $ - | $ - | | | $ - | $ 520,000 | $ 4,190,000 | $ - | $ 4,710,000 |
| **Estimated O & M:** | | | | | | | | | | |

# Arata Lane Interchange Phase 2C for Northbound On-Ramp






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Arata Lane Interchange Phase 2C for Northbound On-Ramp**

**Project No:** New
**GL No:** 010-63-25-xxxx-4510-000
**GL No:** 210-63-25-xxxx-4510-000

**Project Description:**
Design and Environmental for the Arata Lane northbound on-ramp.

**Department:**
Public Works - Engineering

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
Completion of the Arata Lane Interchange at Highway 101. Phase I - Southbound On-Ramp and Northbound Off-Ramp Project and Phase 2A - Southbound Off-Ramp Project have been completed. Remaining improvements to be constructed include: Phase 2B - Los Amigos Road Realignment, Phase 2C - Northbound On-Ramp and Phase 2D - Arata Lane Widening/Reconstruction of Highway 101 Overpass.

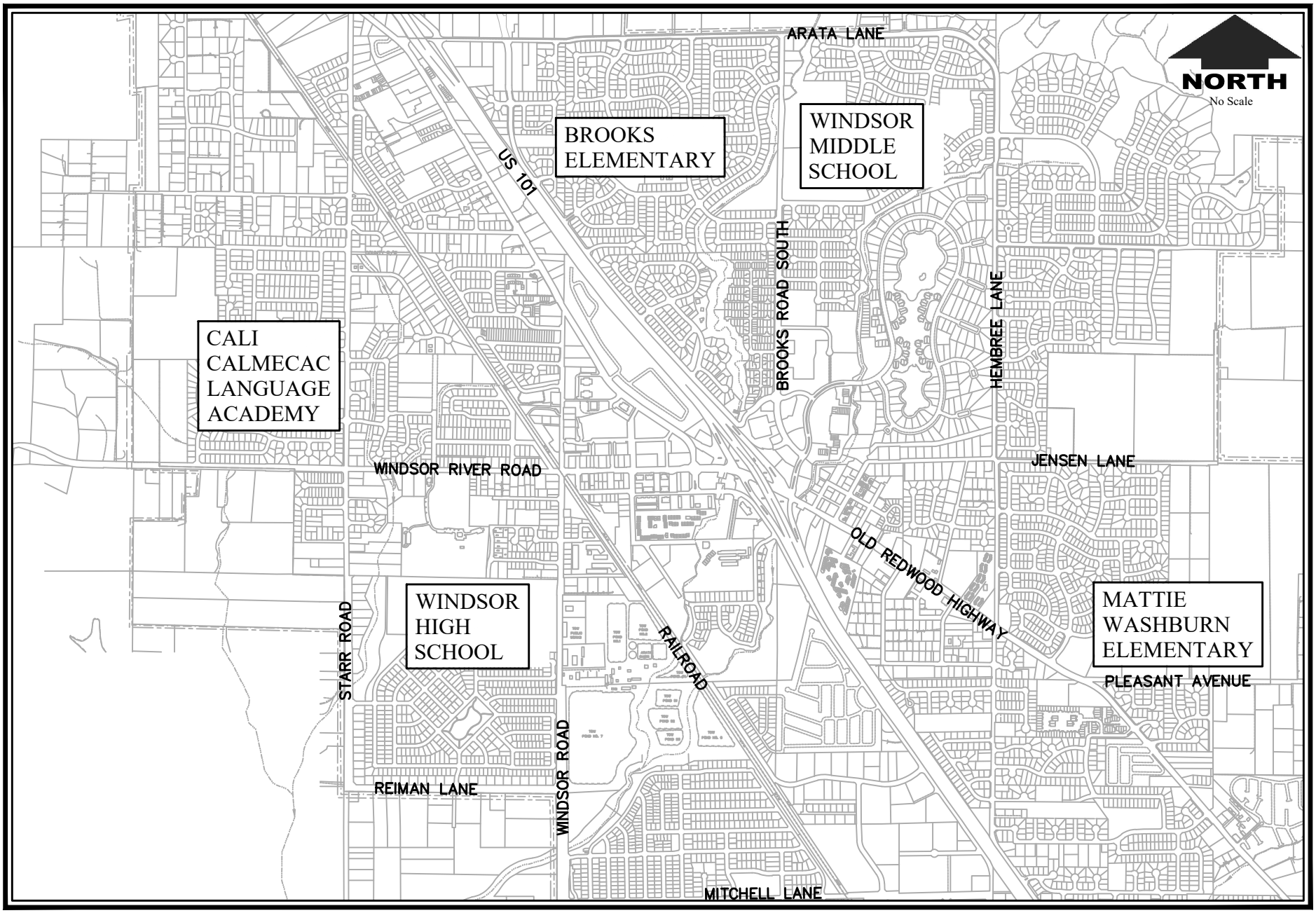
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
The Project is consistent with General Plan Transportation Policies including Complete Streets Policy M-2.7 Complete Street Priority Areas - the Town shall prioritize complete streets improvements (e.g., bicycle, pedestrian, vehicle, and transit facilities) at and along U.S. Highway 101 interchanges, including Shiloh Road, Arata Lane, and Central Windsor.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Caltrans Oversight (PID) | - | - | | - | | 150,000 | 100,000 | 100,000 | $ 350,000 |
| | Preliminary Engineering | - | - | | - | | 200,000 | - | - | $ 200,000 |
| | Design & Environmental | - | - | | - | | | - | 300,000 | $ 300,000 |
| | Project Management | - | - | | - | | 5,000 | - | - | $ 5,000 |
| | Legal Services/Admin | - | - | | - | - | - | - | - | $ - |
| | Right of Way (ROW) | - | - | | - | - | | | - | $ - |
| | **Total** | $ - | $ - | | $ - | $ - | $ 355,000 | $ 100,000 | $ 400,000 | $ 855,000 |
| **Funding Sources:** | General Fund | - | - | | - | | 205,000 | 100,000 | 250,000 | $ 555,000 |
| | Traffic Mitigation | - | - | | - | | 150,000 | - | 150,000 | $ 300,000 |
| | | | | | | | | | | $ - |
| | **Total** | $ - | $ - | | $ - | $ - | $ 355,000 | $ 100,000 | $ 400,000 | $ 855,000 |
| **Estimated O & M:** | | | | | | | | | | |

# Safe Routes to School Crosswalk and Sidewalk Improvements






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Safe Routes to School Crosswalk and Sidewalk Improvements**

**Project No:** New

**GL No:**

**Project Description:**
Project includes bicycle and pedestrian improvements at various locations around Windsor schools as recommended by the Safe Routes to School Walking Audit Report. Improvements may include installation of high visibility crosswalks with rapid rectangular flashing beacons, sidewalk improvements, sidewalk bulb outs and various other ancillary improvements.

**Department:**
Public Works - Engineering

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
Implementation of the Windsor Safe Routes to School program report. Providing bike/pedestrian facilities for a healthy community.

**Appropriations beyond the 5 year program period are needed to complete project:**

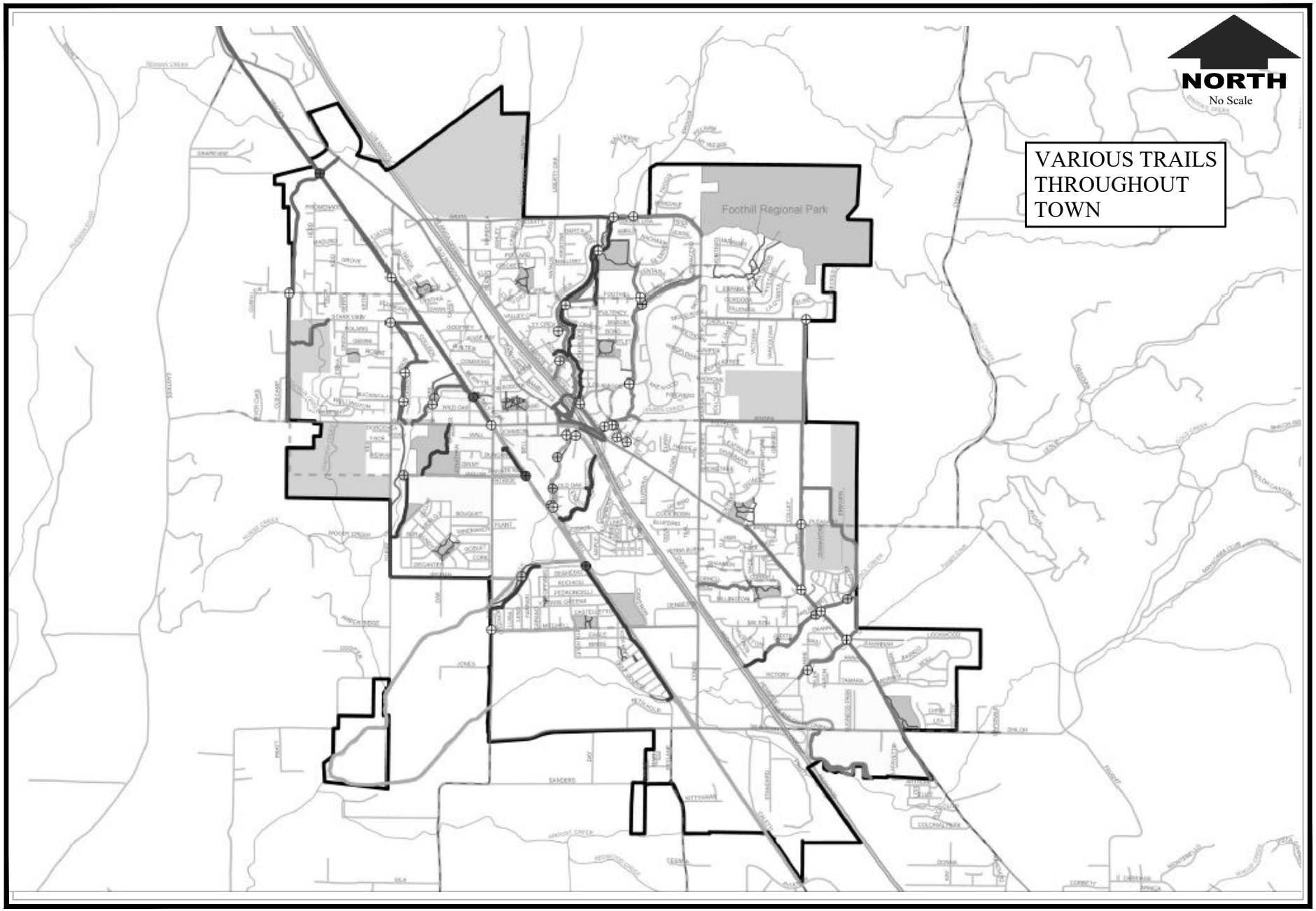
**YES** **( )**
**NO** **( X )**

**General Plan Consistency:**

The Project is consistent with General Plan Transportation Policies including Walkable and Bikeable Community Policy M-4.10 Bicycle and Pedestrian Crossing Safety - the Town shall develop safe and convenient bikeways and pedestrian crossings that reduce conflicts between pedestrians, bicyclists, and motor vehicles on streets, multi-use trails, and sidewalk and Policy M-4.14 - Safe Routes to School - the Town shall continue to coordinate with the School District on implementation of the Safe Routes to School program to ensure a safe pedestrian and bicycling network to and from local educational facilities for all.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Environmental Review | - | - | | - | - | 3,000 | 3,000 | 3,000 | $ 9,000 |
| | Design | - | - | | - | - | 20,000 | 20,000 | 20,000 | $ 60,000 |
| | Project Management | - | - | | - | - | 5,000 | 5,000 | 5,000 | $ 15,000 |
| | Construction | - | - | | - | - | 150,000 | 150,000 | 150,000 | $ 450,000 |
| | Construction Management | - | - | | - | - | 20,000 | 20,000 | 20,000 | $ 60,000 |
| | Legal Services/Admin | - | - | | - | - | 2,000 | 2,000 | 2,000 | $ 6,000 |
| | **Total** | $ - | $ - | | | $ - | $ 200,000 | $ 200,000 | $ 200,000 | $ 600,000 |
| **Funding Sources:** | General Fund | - | - | | - | - | 200,000 | 200,000 | 200,000 | $ 600,000 |
| | **Total** | $ - | $ - | | $ - | $ - | $ 200,000 | $ 200,000 | $ 200,000 | $ 600,000 |
| **Estimated O & M:** | | | | | | | | | | |

# Class I Trails Improvements






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Class I Trails Improvements**

**Project No:** New

**GL No:**

**Project Description:**
In November 2018 Council accepted the Class I Trail Study. The report examined existing and potential Class I trails to improve bicycle and pedestrian access in Windsor. The study examines opportunities to connect neighborhoods with key destinations throughout the community along a network of bicycle and pedestrian trails and specifically discusses off-street trail design considerations and implementation options.

**Department:**
Public Works - Engineering

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
Implementation of the projects in the Class I Trail Study. Providing bike/pedestrian facilities for a healthy community.

**Appropriations beyond the 5 year program period are needed to complete project:**

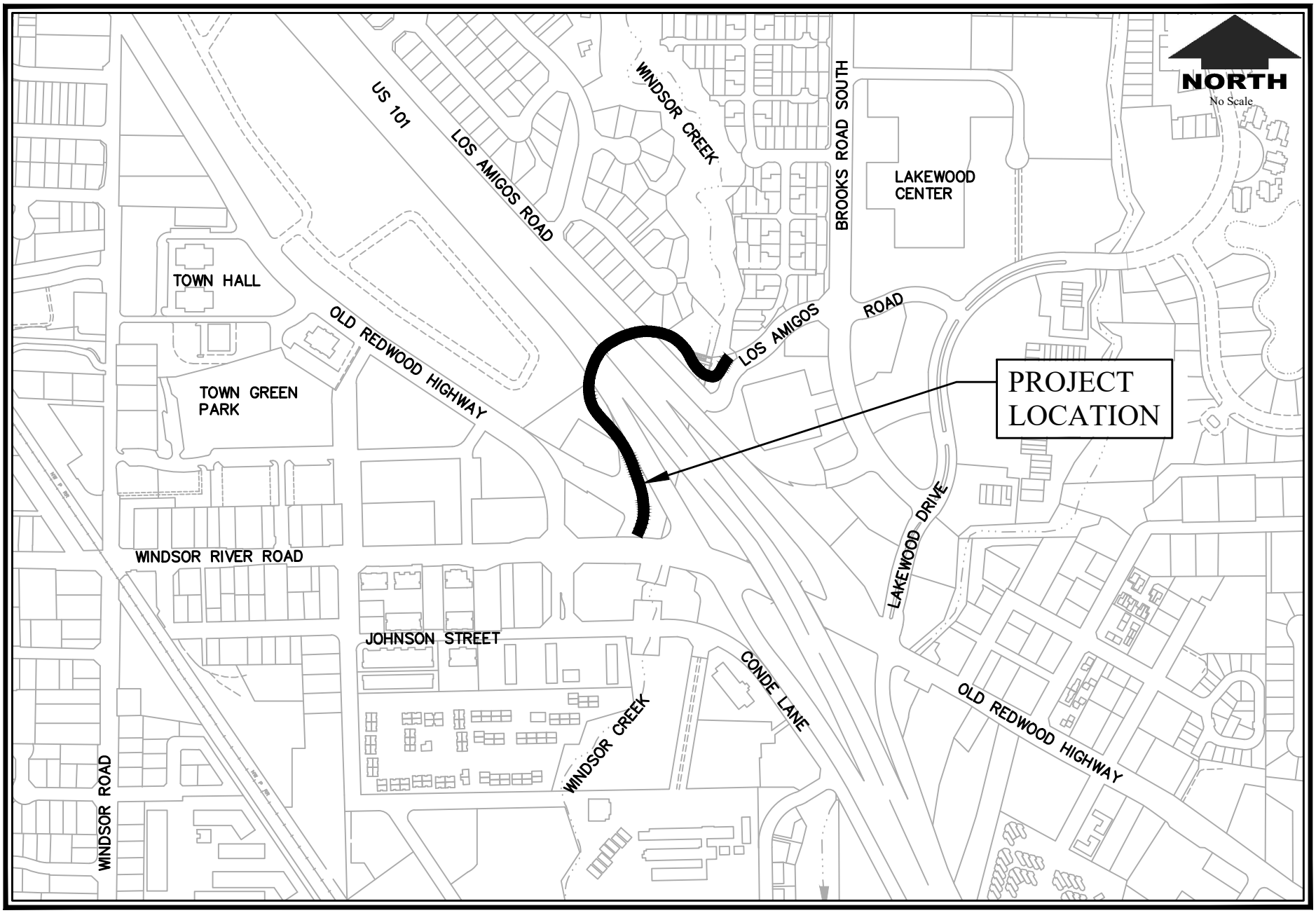
**YES** **( )**
**NO** **( X )**

**General Plan Consistency:**

The Project is consistent with General Plan Transportation Policies including Walkable and Bikeable Community Policy M-4.10 Bicycle and Pedestrian Crossing Safety - the Town shall develop safe and convenient bikeways and pedestrian crossings that reduce conflicts between pedestrians, bicyclists, and motor vehicles on streets, multi-use trails, and sidewalk and Policy M-4.14 - Safe Routes to School - the Town shall continue to coordinate with the School District on implementation of the Safe Routes to School program to ensure a safe pedestrian and bicycling network to and from local educational facilities for all.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Environmental Review | - | - | | - | - | 3,000 | 3,000 | 3,000 | $ 9,000 |
| | Design | - | - | | - | - | 20,000 | 20,000 | 20,000 | $ 60,000 |
| | Project Management | - | - | | - | - | 5,000 | 5,000 | 5,000 | $ 15,000 |
| | Construction | - | - | | - | - | 150,000 | 150,000 | 150,000 | $ 450,000 |
| | Construction Management | - | - | | - | - | 20,000 | 20,000 | 20,000 | $ 60,000 |
| | Legal Services/Admin | - | - | | - | - | 2,000 | 2,000 | 2,000 | $ 60,000 |
| | **Total** | $ - | $ - | | | $ - | $ 200,000 | $ 200,000 | $ 200,000 | $ 654,000 |
| **Funding Sources:** | General Fund | - | - | | - | - | 200,000 | 200,000 | 200,000 | $ 600,000 |
| | **Total** | $ - | $ - | | $ - | $ - | $ 200,000 | $ 200,000 | $ 200,000 | $ 600,000 |
| **Estimated O & M:** | | | | | | | | | | |

# Downtown Pedestrian & Bicycle Crossing of US 101 Phase 2






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Downtown Pedestrian & Bicycle Crossing of US 101 Phase 2**

**Project No:** New

**GL No:**

**Project Description:**
Caltrans Project Initiation Documents (PID) and Design and Environmental for the Downtown Crossing of US 101 Phase 2. This project includes design and construction of new bicycle and pedestrian bridge overcrossing the US 101 with "touchdown" area at each end of the bridge on the east side of US 101 at Los Amigos Road and on the west side of the US 101 at Old Redwood Highway near the central Windsor gas stations.

**Department:**
Public Works - Engineering

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
For all transportation modes, travel between important destinations on each side of the freeway is restricted to just three crossing locations within Windsor. The U.S. 101 at Central Windsor underpass on Old Redwood Highway is the primary link between the east and west sides of town. The Town has broader goal of creating a more cohesive and walkable downtown area by improving the existing U.S. 101 Old Redwood Highway crossing and creating a new dedicated bicycle/pedestrian crossing.

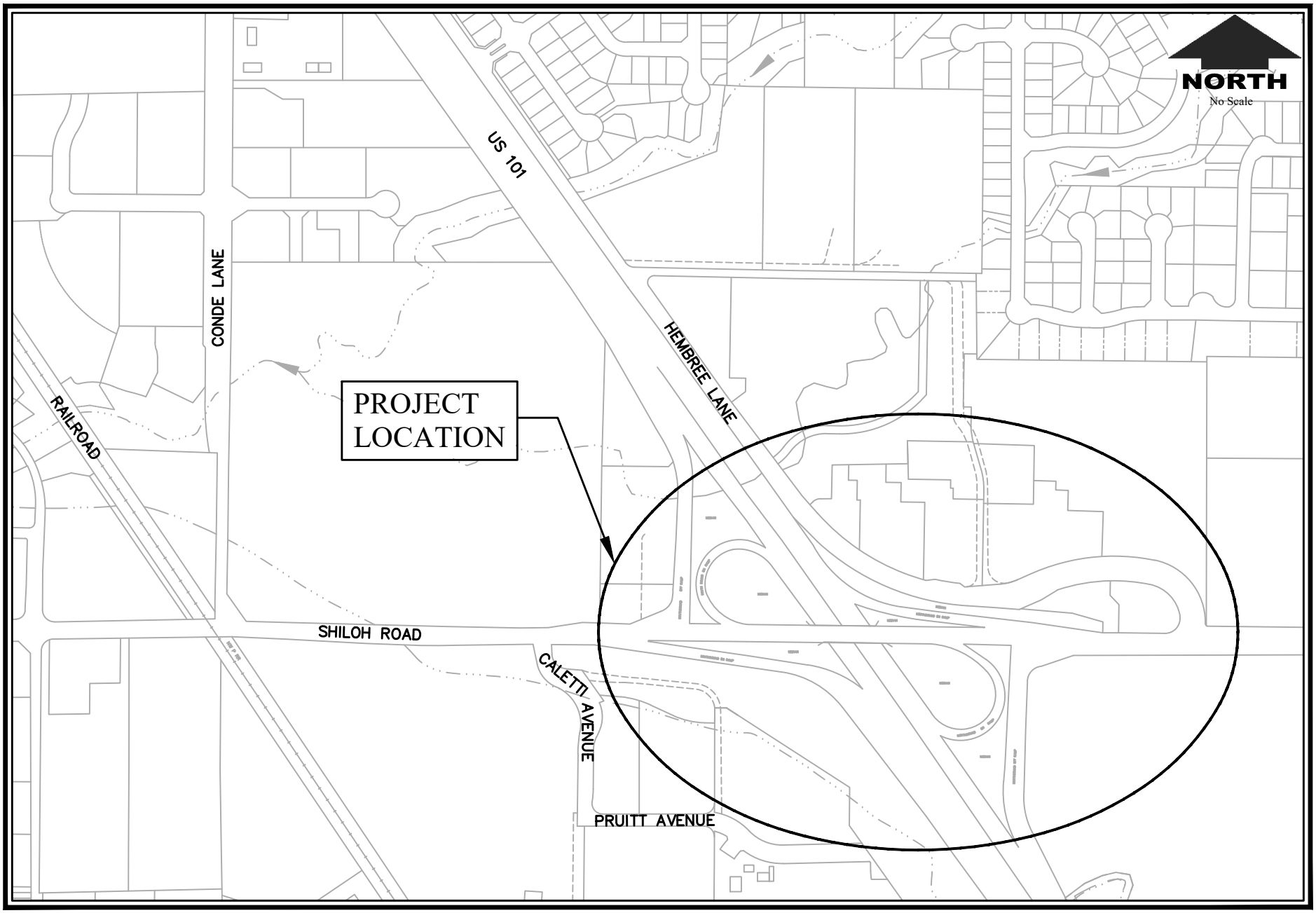
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
The Project is consistent with General Plan Transportation Policies including Complete Streets Policy M-2.7 Complete Street Priority Areas - the Town shall prioritize complete streets improvements (e.g., bicycle, pedestrian, vehicle, and transit facilities) at and along U.S. Highway 101 interchanges, including Shiloh Road, Arata Lane, and Central Windsor.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Caltrans Oversight (PID) | - | - | - | - | - | 150,000 | 100,000 | $ 250,000 |
| | Preliminary Engineering | - | - | - | - | - | 800,000 | - | $ 800,000 |
| | Design & Environmental | - | - | - | - | - | - | - | $ - |
| | Project Management | - | - | - | - | - | 10,000 | - | $ 10,000 |
| | Legal Services/Admin | - | - | - | - | - | - | - | $ - |
| | Right of Way (ROW) | - | - | - | - | - | - | - | $ - |
| | **Total** | $ - | $ - | $ - | $ - | $ - | $ 960,000 | $ 100,000 | $ 1,060,000 |
| **Funding Sources:** | General Fund | - | - | - | - | - | 960,000 | 100,000 | $ 1,060,000 |
| | | | | | | | | | $ - |
| | | | | | | | | | $ - |
| | **Total** | $ - | $ - | $ - | $ - | $ - | $ 960,000 | $ 100,000 | $ 1,060,000 |
| **Estimated O & M:** | | | | | | | | | |

# US 101 Interchange Improvements at Shiloh Road






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**US 101 Interchange Improvements at Shiloh Road**

**Project No:** New

**GL No:**

**Project Description:**
The Project Initiation Phase for the reconstruction of the Shiloh Road - US 101 Interchange to provide 2 lanes in each direction on the Shiloh overpass. It is anticipated that the existing overcrossing will be replaced and the ramps reconfigured, along with upgrading the signalized ramp intersections for improved operations at this location.

**Department:**
Public Works - Engineering

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
Shiloh Road has or is planned to have 2 lanes in each direction at this location. The interchange will be reconstructed to accommodate the additional lanes. All on/off-ramps will be reconstructed as part of the improvements. This project will improve bicycle/pedestrian connectivity between the east and west sides of town.

**Appropriations beyond the 5 year program period are needed to complete project:**

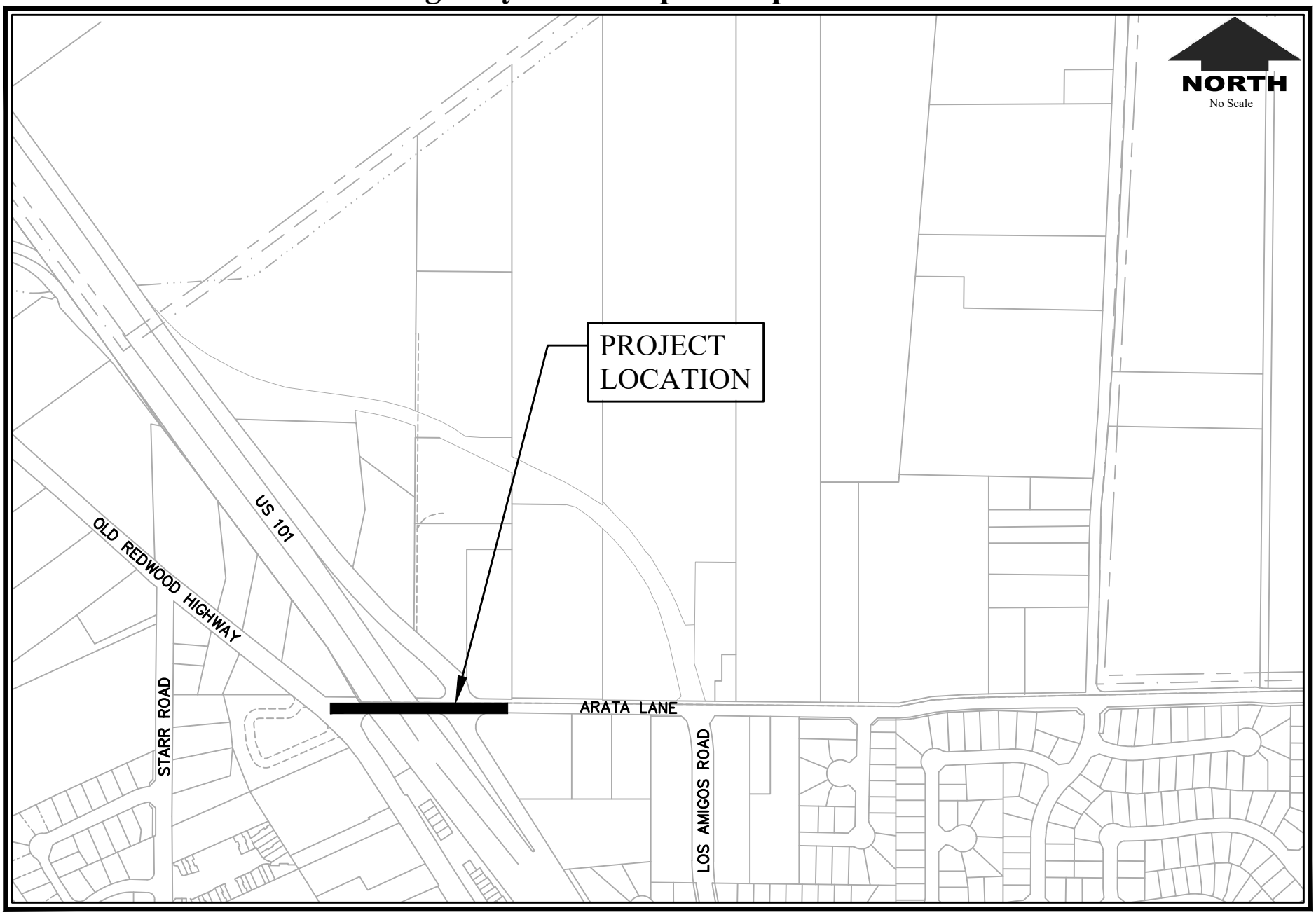
**YES ( X )**
**NO ( )**

**General Plan Consistency:**

The Project is consistent with General Plan Transportation Policies including Complete Streets Policy M-2.7 Complete Street Priority Areas - the Town shall prioritize complete streets improvements (e.g., bicycle, pedestrian, vehicle, and transit facilities) at and along U.S. Highway 101 interchanges, including Shiloh Road, Arata Lane, and Central Windsor.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Project Initiation Document (PID) | - | - | - | - | - | 250,000 | - | $ 250,000 |
| | Project Management | - | - | - | - | - | 50,000 | 50,000 | $ 100,000 |
| | **Total** | $ - | $ - | $ - | $ - | $ - | $ 300,000 | $ 50,000 | $ 350,000 |
| **Funding Sources:** | Traffic Mitigation | - | - | - | - | - | 300,000 | 50,000 | $ 350,000 |
| | **Total** | $ - | $ - | $ - | $ - | $ - | $ 300,000 | $ 50,000 | $ 350,000 |
| **Estimated O & M:** | | | | | | | | | |

# Arata Lane Interchange Phase 2D for Highway 101 Overpass Improvements






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Arata Lane Interchange Phase 2D for Highway 101 Overpass Improvements**

**Project No:** New

**GL No:**

**Project Description:**
Project Initiation Phase for the reconstruction of the Highway 101 Overpass to allow for widening of Arata Lane.

**Department:**
Public Works - Engineering

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
Completion of the Arata Lane Interchange at Highway 101. Phase I - Southbound On-Ramp and Northbound Off-Ramp Project and Phase 2A - Southbound Off-Ramp Project have been completed. Remaining improvements to be constructed include: Phase 2B - Los Amigos Road Realignment, Phase 2C - Northbound On-Ramp and Phase 2D - Arata Lane Widening/Reconstruction of Highway 101 Overpass.

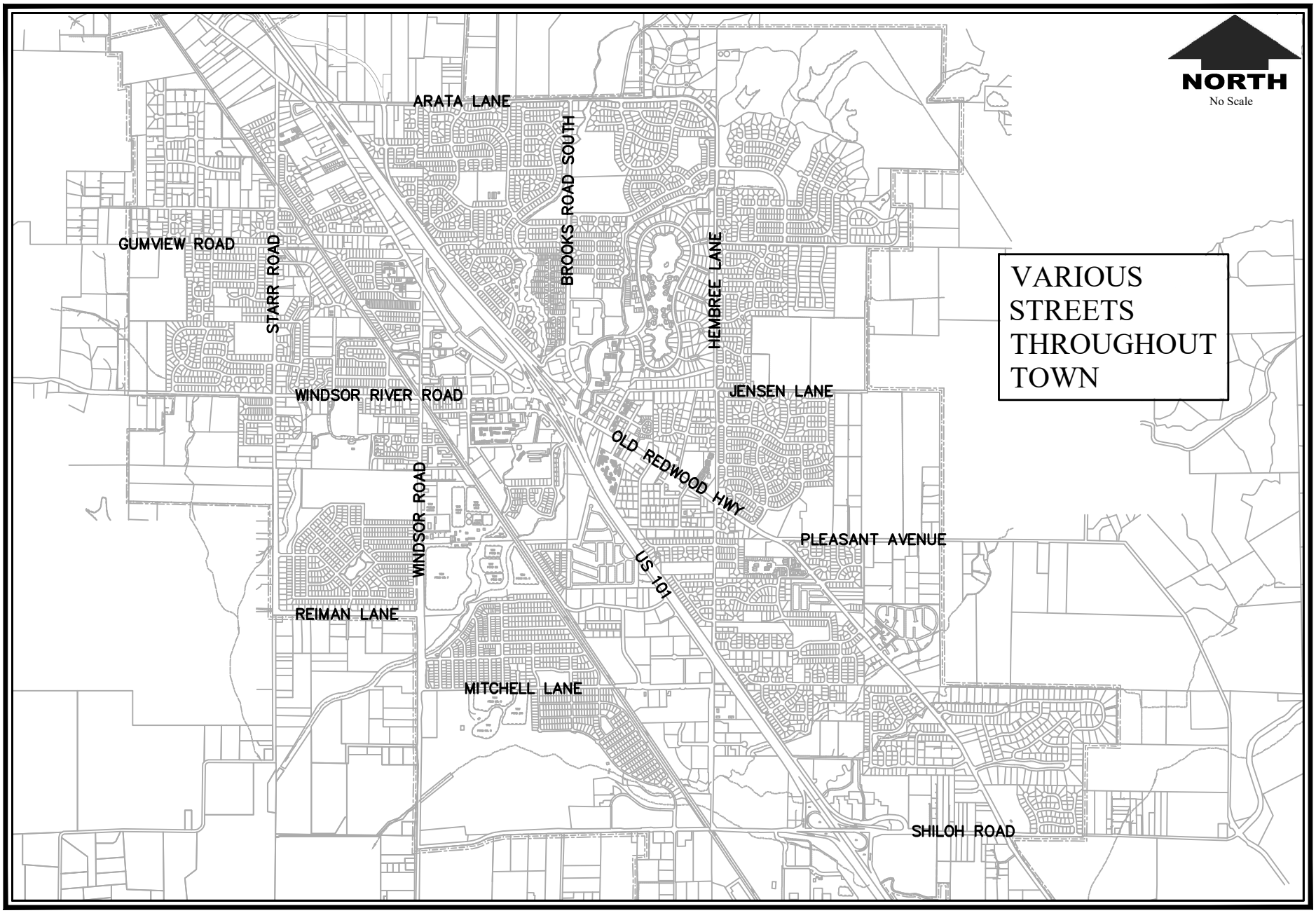
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( X )**
**NO ( )**

**General Plan Consistency:**
The Project is consistent with General Plan Transportation Policies including Complete Streets Policy M-2.7 Complete Street Priority Areas - the Town shall prioritize complete streets improvements (e.g., bicycle, pedestrian, vehicle, and transit facilities) at and along U.S. Highway 101 interchanges, including Shiloh Road, Arata Lane, and Central Windsor.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Project Initiation Document (PID)* | - | - | | - | - | - | - | 200,000 | $ 200,000 |
| | Project Management | - | - | | - | - | - | - | 100,000 | $ 100,000 |
| | | | | | | | | | | $ - |
| | | | | | | | | | | $ - |
| | | | | | | | | | | $ - |
| | | | | | | | | | | $ - |
| | **Total** | $ - | $ - | | $ - | $ - | $ - | $ - | $ 300,000 | $ 300,000 |
| **Funding Sources:** | Traffic Mitigation | - | - | | - | - | - | - | 300,000 | $ 300,000 |
| | | | | | | | | | | $ - |
| | | | | | | | | | | $ - |
| | **Total** | $ - | $ - | | $ - | $ - | $ - | $ - | $ 300,000 | $ 300,000 |
| **Estimated O & M:** | | | | | | | | | | |

# FY 2023-2026 Town Wide Street Resurfacing






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**FY 2023-2026 Town Wide Street Resurfacing**

**Project No:** New
**GL No:** 010-63-25-xxxx-4510-000
**GL No:** 111-63-25-xxxx-4510-000
**GL No:** 110-81-25-xxxx-4510-000

**Project Description:**
The program is a continuation of our annual street resurfacing program and includes continued slurry sealing streets and will include the southeast and southwest quadrants of the Town. This work is needed to keep the Town's Pavement Condition Index (PCI) at a "good" level as supported by Council.
* Partially funded by Measure M-Transportation Grant

**Department:**
Public Works - Engineering

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
Investing in the on-going maintenance of Town streets reduces the deterioration of pavement and extends the useful life of Town streets. An annual pavement maintenance plan is considered a best management maintenance program. Proper maintenance will reduce future operation and maintenance costs. The goal is to maintain an annual expenditure of $1.2 million but has not been committed due to General Fund constraints and the commitment of funds to the Windsor River Road/Windsor Road Intersection Project.

**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
The Project is consistent with General Plan Transportation Policies including Streets & Roadways Policy M-3.9 Pavement Management Program - the Town shall maintain and implement the Pavement Management Program (PMP) which is set to provide the guidance to apply for grant funding through MTC to maintain and rehabilitate the Town Roads and M-3.10 Pavement Condition Index (PCI) - the Town shall continue to provide street maintenance to sustain high Pavement Condition Index (PCI) levels in order to maintain high quality roads.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design | - | - | | - | - | 30,000 | 30,000 | 30,000 | 90,000 |
| | Construction | - | - | | - | - | 1,065,000 | 1,065,000 | 1,065,000 | 3,195,000 |
| | Construction Management | - | - | | - | - | 100,000 | 100,000 | 100,000 | 300,000 |
| | Legal Services/Admin | - | - | | - | - | 5,000 | 5,000 | 5,000 | 15,000 |
| | Project Management | - | - | | - | - | | | | - |
| | **Total** | $ - | $ - | | $ - | $ - | $ 1,200,000 | $ 1,200,000 | $ 1,200,000 | $ 3,600,000 |
| **Funding Sources:** | General Fund | - | - | | - | - | 490,000 | 490,000 | 490,000 | 1,470,000 |
| | TGF Measure M | - | - | | - | - | 250,000 | 250,000 | 250,000 | 750,000 |
| | Gas Tax (SB 1) | - | - | | - | - | 460,000 | 460,000 | 460,000 | 1,380,000 |
| | **Total** | $ - | $ - | | $ - | $ - | $ 1,200,000 | $ 1,200,000 | $ 1,200,000 | $ 3,600,000 |
| **Estimated O & M:** | | | | | | | | | | |

This Page Intentionally Blank

# WATER PROJECTS

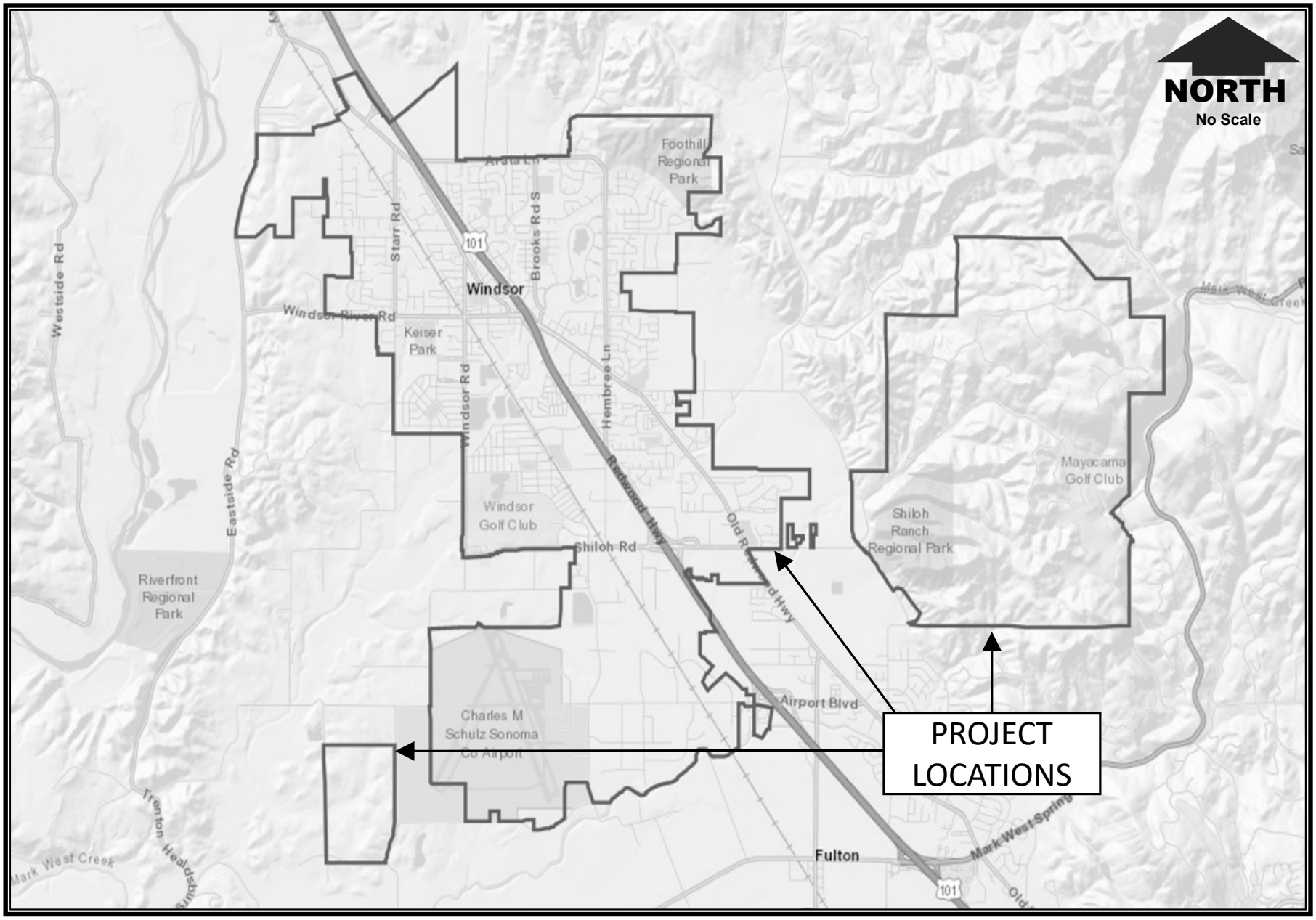


This Page Intentionally Blank

# APPROPRIATIONS PLAN SUMMARY FOR WATER PROJECTS

| PROJECT | Page No. | Project No. | 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 2025-2026 | 2021-2025 |
|---|---|---|---|---|---|---|---|---|
| Townwide Advanced Metering Infrastructure (AMI) | W - 3 | 1822 | 600,000 | - | - | - | - | $ 600,000 |
| Mitchell Lane Pump Station Upgrades | W - 5 | 2181 | 168,000 | - | - | - | - | $ 168,000 |
| Shiloh Tank Sites 1 and 2 Upgrades | W - 7 | 1312 | 466,000 | - | - | - | - | $ 466,000 |
| ALWSZ Recycled Water Pump Station Rehabilitation | W - 9 | 2207 | 310,000 | - | - | - | - | $ 310,000 |
| Meter Flow Testing Improvements at Russian River Well Field | W - 11 | 2060 | 54,000 | 319,000 | - | - | - | $ 373,000 |
| Wild Oak Water Service Replacements | W - 13 | 2301 | - | 953,000 | - | - | - | $ 953,000 |
| New Well at Russian River Well Field | W - 15 | 2302 | - | 100,000 | 400,000 | - | - | $ 500,000 |
| North Windsor Supply Well | W - 17 | 2303 | - | 140,000 | 635,000 | - | - | $ 775,000 |
| Mitchell Lane Recycled Water Transfer Pipeline | W - 19 | 1401 | - | - | 46,000 | 756,000 | - | $ 802,000 |
| Turnberry Court Pipe Improvements | W - 21 | New | - | - | - | 627,000 | - | $ 627,000 |
| Esposti Municipal Well Head and Treatment System | W - 23 | 1310 | - | - | - | - | 563,000 | $ 563,000 |
| Savannah Way and Merner Drive Pipe Construction | W - 25 | New | - | - | - | - | 347,000 | $ 347,000 |
| Water Transmission Reliability at Russian River Well Field West of Eastside Road | W - 27 | New | - | - | - | - | 1,902,000 | $ 1,902,000 |
| **TOTAL APPROPRIATIONS** | | | **$ 1,598,000** | **$ 1,512,000** | **$ 1,081,000** | **$ 1,383,000** | **$ 2,812,000** | **$ 8,386,000** |

# Town Advanced Metering Infrastructure (AMI)






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Townwide Advanced Metering Infrastructure (AMI)**

**Project No:** 1822

GL No: 460-83-25-1822-4510-000

**Project Description:**
This project completes the final phase of the automated meter-reading program. This project is completion of the Advanced Metering Infrastructure (AMI) system and includes the installation of collectors and transmitters in the field equipped with GPS antennas and cellular WAN. Also included in the project is software, implementation and staff training for the AMI system.

**Department:**
Public Works - Engineering

**Priority:**

| | |
|---|---|
| _____ | **Mandate** |
| _____ | **Necessary** |
| X | **Desirable** |

**Justification:**
All of the Town's potable water meters have been upgraded from manual-read (only) to AMR/AMI compatible meters. The Town system is fully compatible to support an AMI meter-reading and billing system. The final phase of AMI is to install collectors and transmitters within the District service areas and will also include software and hardware to transmit meter data to the Utility Billing Department. The AMI will support water conservation and leak detection with real-time data and analysis for both the Town and customers.

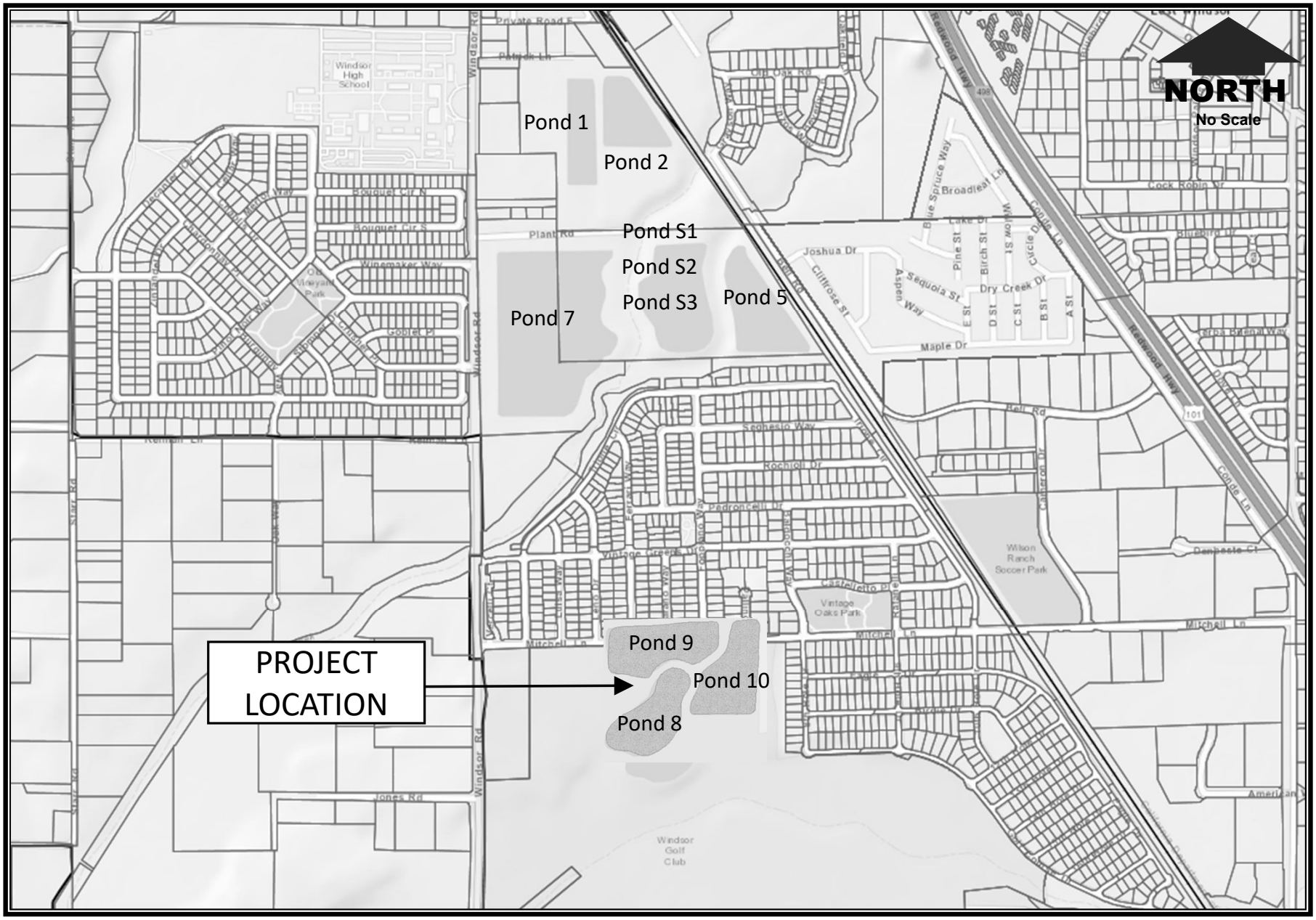
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
The Project is consistent with General Plan Public Facilities and Services Policy PFS-1.2 - The Town shall continue the offer professional, high-quality service that meets the needs of residents and business.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design/Environmental | - | - | 170,000 | - | - | - | - | $ 170,000 |
| | Construction | - | - | 370,000 | - | - | - | - | $ 370,000 |
| | Project Management/Admin. | - | - | 7,000 | - | - | - | - | $ 7,000 |
| | Contingency | - | - | 53,000 | - | - | - | - | $ 53,000 |
| | **Total** | $ - | $ - | $ 600,000 | $ - | $ - | $ - | $ - | $ 600,000 |
| **Funding Sources:** | Water Capital | - | - | 600,000 | - | - | - | - | $ 600,000 |
| | **Total** | $ - | $ - | $ 600,000 | $ - | $ - | $ - | $ - | $ 600,000 |
| **Estimated O & M** | | | | | | | | | |

# Mitchell Lane Pump Station Upgrades






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Mitchell Lane Pump Station Upgrades**

**Project No:** 2181

**GL No:** 460-83-25-2181-4510-000

**Project Description:**
This project includes an evaluation of aged components of the Mitchell Lane Pump Station; this also includes an additional Amiad filter, providing emergency power, and upgrading the motor control center with the addition of supervisory control and data aquisition (SCADA).

**Department:**
Public Works - Water Reclamation

**Priority:**

| | |
|---|---|
| | Mandate |
| X | Necessary |
| | Desirable |

**Justification:**
The Mitchell Lane Pump Station, which provides reclaimed water to the golf course and serves to bring water back from Ponds 8, 9, and 10 to Pond 7, has become unreliable in recent years due to components reaching the end of their useful life. Upgrading this pump station would ensure reliable operation and lower maintenance costs.

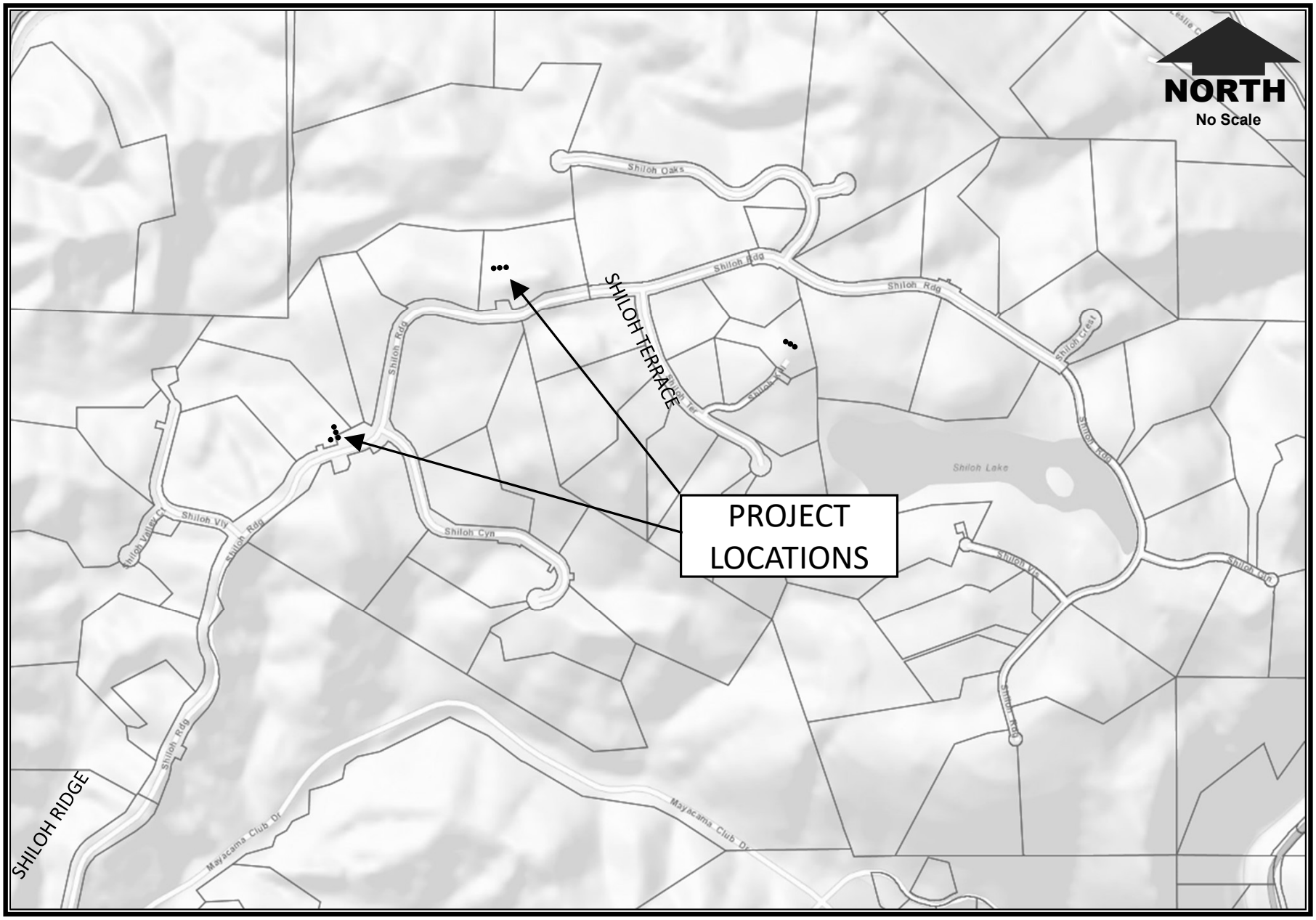
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
The project is consistent with General Plan Public Facilities and Services Policy PFS-1.7: The Town shall give high priority in capital improvement programming to funding rehabilitation or replacement of critical infrastructure that has reached the end of its useful life or has capacity constraints.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design | 100,000 | - | 100,000 | - | - | - | - | 100,000 |
| | Construction | 68,000 | - | 68,000 | - | - | - | - | 68,000 |
| | Construction Engineering | - | - | - | - | - | - | - | - |
| | Project Management | - | - | - | - | - | - | - | - |
| | Legal Services/Admin | - | - | - | - | - | - | - | - |
| | **Total** | $ 168,000 | $ - | $ 168,000 | $ - | $ - | $ - | $ - | $ 168,000 |
| **Funding Sources:** | Water Capital | - | - | 168,000 | - | - | - | - | 168,000 |
| | Water Reclamation | 168,000 | - | | | | | | - |
| | **Total** | $ 168,000 | $ - | $ 168,000 | $ - | $ - | $ - | $ - | $ 168,000 |
| **Estimated O & M:** | | | | | | | | | |

# Shiloh Tank Sites 1 and 2 Upgrades






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Shiloh Tank Sites 1 and 2 Upgrades**

**Project No:** 1312

**GL No:** 460-83-25-1312-4510-000

**Project Description:**
This project includes providing emergency backup generators for Shiloh Tank Sites 1 and 2. Tank Site 2 will also receive new fencing and a new CMU block fire resistent pump enclosure. This is partially funded through state Office of Emergency Service funds.

**Department:**
Public Works - Engineering

**Priority:**

| | |
|---|---|
| | **Mandate** |
| | **Necessary** |
| X | **Desirable** |

**Justification:**
Currently the pump stations at both tank sites are subject to failure during Public Safety Power Shutoff (PSPS) events and recent wildland fires. To provide these sites power during these events, Town Staff must tow a truck mounted generator between both sites and make manual connections for the duration of the events. This project will provite emergency backup to both tank sites and automate the process. The fence surrounding Tank Site 2 has deteriorated and is burned beyond use and will be replaced during this project. In addition, the booster pumps located at Tank Site 2 are housed in a wooden box which requires maintenance staff to crawl into the box to perform inspection/maintenance. This project will replace the box with a small fire resistant enclsure to keep the pumps secure and allow for ergonomic access for maintenance personnel.

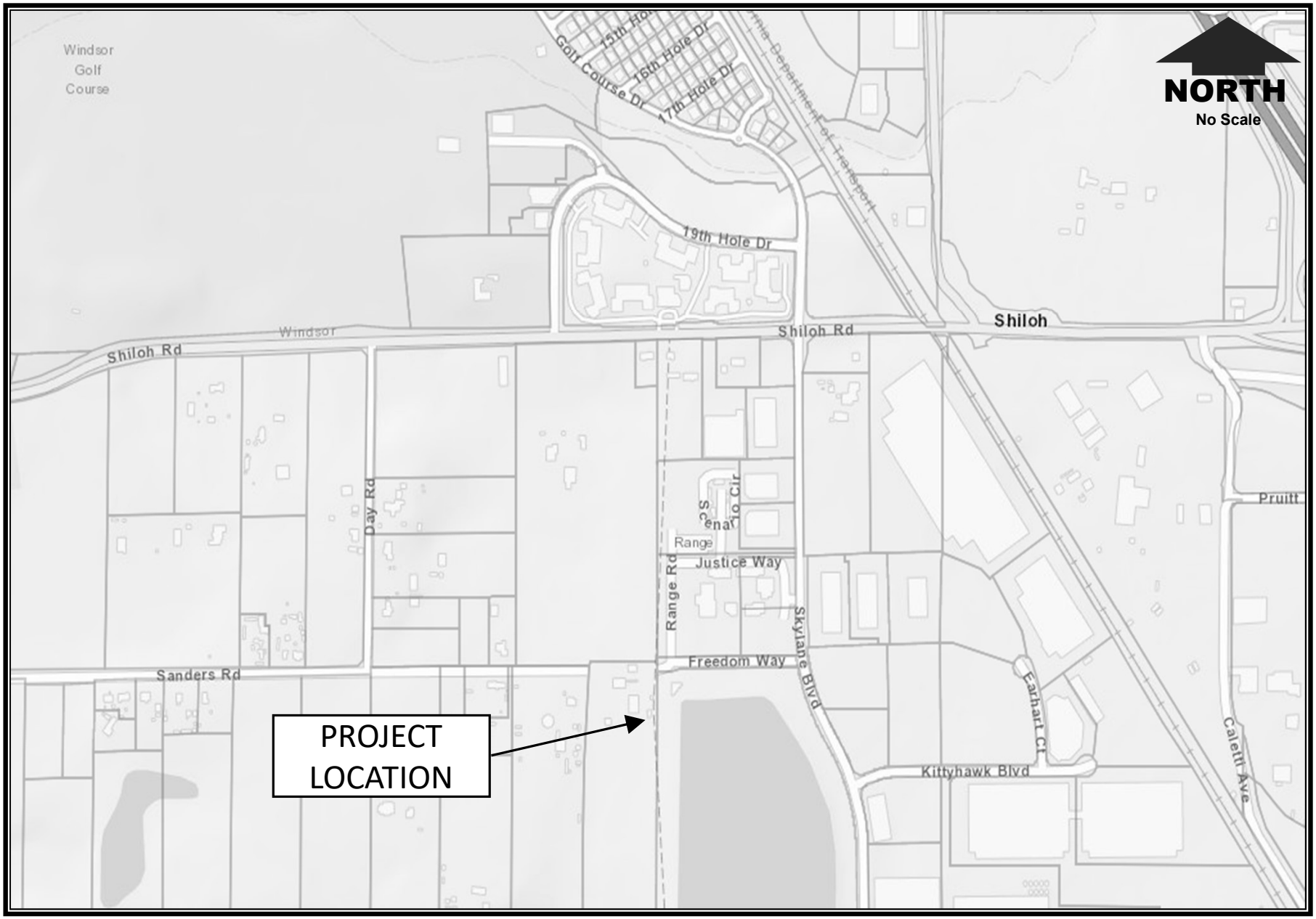
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES** ( )
**NO** (X)

**General Plan Consistency:**
The Project is consistent with General Plan Public Facilities and Services Policy PFS-1.7 - The Town shall give high priority in capital improvement programming to funding rehabilitation or replacement of critical infrastructure that has reached the end of its useful life or has capacity constraints.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design/Environmental | 10,000 | 50 | | 45,000 | - | - | - | - | $ 45,000 |
| | Construction | 58,000 | - | | 406,000 | - | - | - | - | $ 406,000 |
| | Project Management | 10,000 | - | | 10,000 | - | - | - | - | $ 10,000 |
| | Legal Services/Admin | 10,000 | - | | 5,000 | - | - | - | - | $ 5,000 |
| | **Total** | $ 88,000 | $ 50 | | $ 466,000 | $ - | $ - | $ - | $ - | $ 466,000 |
| **Funding Sources:** | Water Capital | 88,000 | 50 | | 166,000 | - | - | - | - | 166,000 |
| | OES Grant for Generators | | | | 300,000 | | | | | $ 300,000 |
| | **Total** | $ 88,000 | $ 50 | | $ 466,000 | $ - | $ - | $ - | $ - | $ 466,000 |
| **Estimated O & M** | | | | | | | | | | |

# ALWSZ Recycled Water Pump Station Rehabilitation






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**ALWSZ Recycled Water Pump Station Rehabilitation**

**Project No:** 2207

**GL No:** 460-83-25-2207-4510-000

**Project Description:**
This project includes replacing two subsurface valves, recoating rusted piping, replacing flow meters, and replacing aged control panels at the Airport Larkfield Wikiup Sanitation Zone (ALWSZ) Recycled Water Pump Station which is owned by the Town, has not been recently used and it is currently in a deteriorated and inoperable state.

**Department:**
Public Works - Water Reclamation

**Priority:**

| | |
|---|---|
| | **Mandate** |
| | **Necessary** |
| X | **Desirable** |

**Justification:**
The ALWSZ Pump Station has not been recently used and it is currently in a deteriorated and inoperable state. In light of the recent Recycled Water Transfer and Use Agreement between the Town and Sonoma Water, the ALWSZ is needed for the Town to receive returned recycled water stored in the Sonoma Water North Pond.

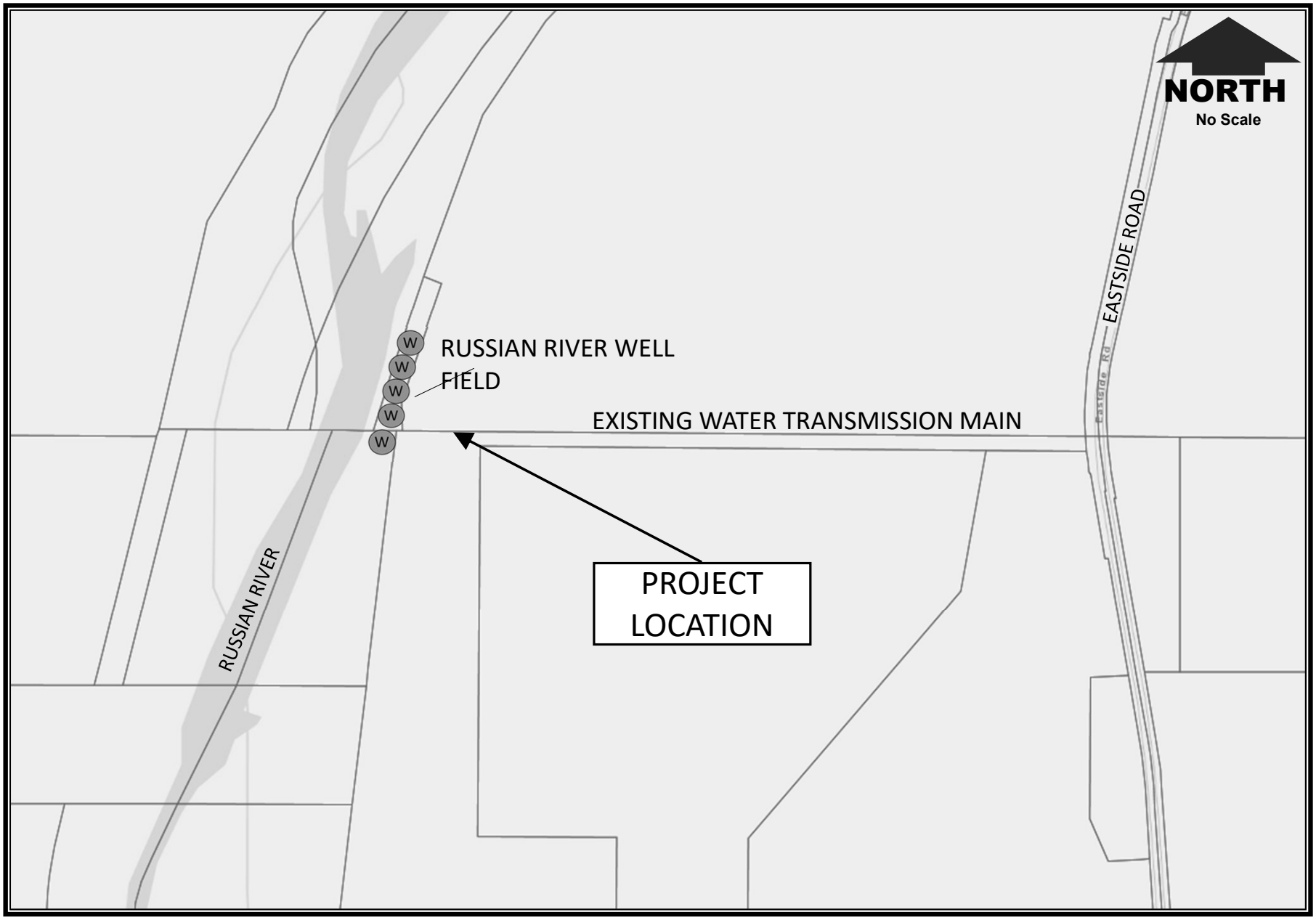
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
The Project is consistent with General Plan Public Facilities and Services Policy PFS-1.7 - The Town shall give high priority in capital improvement programming to funding rehabilitation or replacement of critical infrastructure that has reached the end of its useful life or has capacity constraints.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design/Environmental | - | - | | 50,000 | - | - | - | - | $ 50,000 |
| | Construction | - | - | | 228,000 | - | - | - | - | $ 228,000 |
| | Construction Engineering | - | - | | 30,000 | - | - | - | - | $ 30,000 |
| | Project Management | - | - | | - | - | - | - | - | $ - |
| | Legal Services/Admin | - | - | | 2,000 | - | - | - | - | $ 2,000 |
| | **Total** | $ - | $ - | | $ 310,000 | $ - | $ - | $ - | $ - | $ 310,000 |
| **Funding Sources:** | Water Capital | - | - | | 310,000 | - | - | - | - | $ 310,000 |
| | **Total** | $ - | $ - | | 310,000 | $ - | $ - | $ - | $ - | $ 310,000 |
| **Estimated O & M** | | | | | | | | | | |

# Meter Flow Testing Improvements at Russian River Well Field






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Meter Flow Testing Improvements at Russian River Well Field**

**Project No:** 2060

**GL No:** 460-83-25-2060-4510-000

**Project Description:**
This project includes design and construction of well-field pipeline improvements, primarily an insertion meter and tap for flow meter testing at the Russian River Well Field. Phase I includes investigation into alternative methods of compliance.

**Department:**
Public Works Engineering

**Priority:**
X **Mandate**
**Necessary**
**Desirable**

**Justification:**
The purpose of this project is to validate volumetric flow testing requirements for the primary water production meter as recommended by the State Water Board. The project also improves water production data validity for annual water loss audits required by the Department of Water Resources.

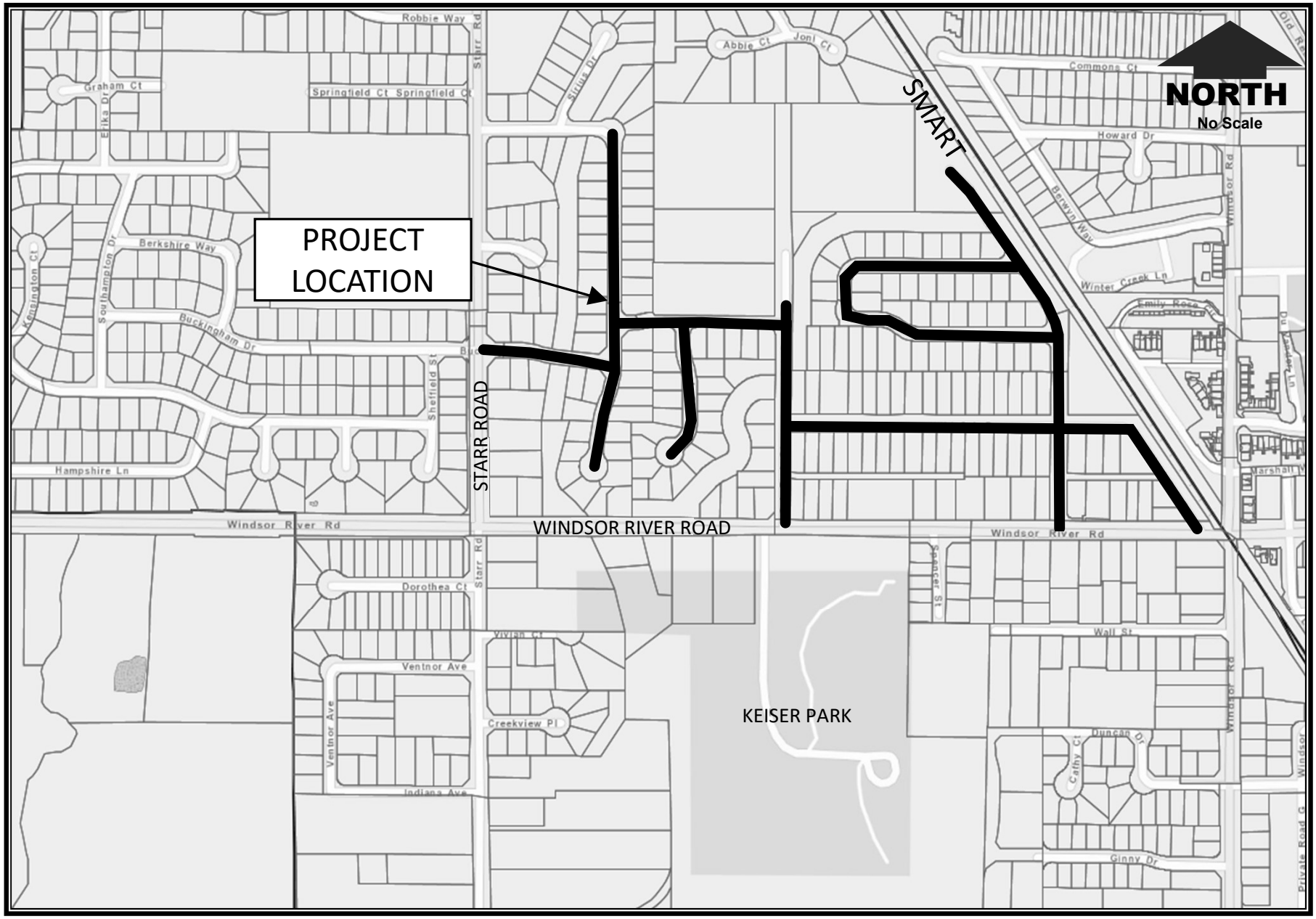
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
The Project is consistent with General Plan Public Facilities and Services Policy PFS-1.2 - The Town shall continue the offer professional, high-quality service that meets the needs of residents and business.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design/Environmental | - | - | | 54,000 | | - | - | - | $ 54,000 |
| | Construction | 300,000 | - | | - | 319,000 | - | - | - | $ 319,000 |
| | **Total** | $ 300,000 | $ - | | $ 54,000 | $ 319,000 | $ - | $ - | $ - | $ 373,000 |
| **Funding Sources:** | Water Capital | 300,000 | - | | 54,000 | 319,000 | - | - | - | $ 373,000 |
| | **Total** | $ 300,000 | $ - | | $ 54,000 | $ 319,000 | $ - | $ - | $ - | $ 373,000 |
| **Estimated O & M** | | | | | | | | | | |

# Wild Oak Water Service Replacements






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Wild Oak Water Service Replacements**

**Project No:** 2301

**GL No:** 460-83-25-2301-4510-000

**Project Description:**
This project involves replacement of approximately 215 water services including water service saddles, water service lateral piping, and isolation valves in the neighborhood of Wild Oak Drive at Keiser Park.

**Department:**
Public Works - Engineering

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
The water services in the area of Wild Oak Drive are over 40 years old and due for replacement. The replacement of these services is planned for completion just prior to resurfacing of the streets with a pavement overlay. The timing of the replacement will prevent damage or defacing of the newly paved street surface.

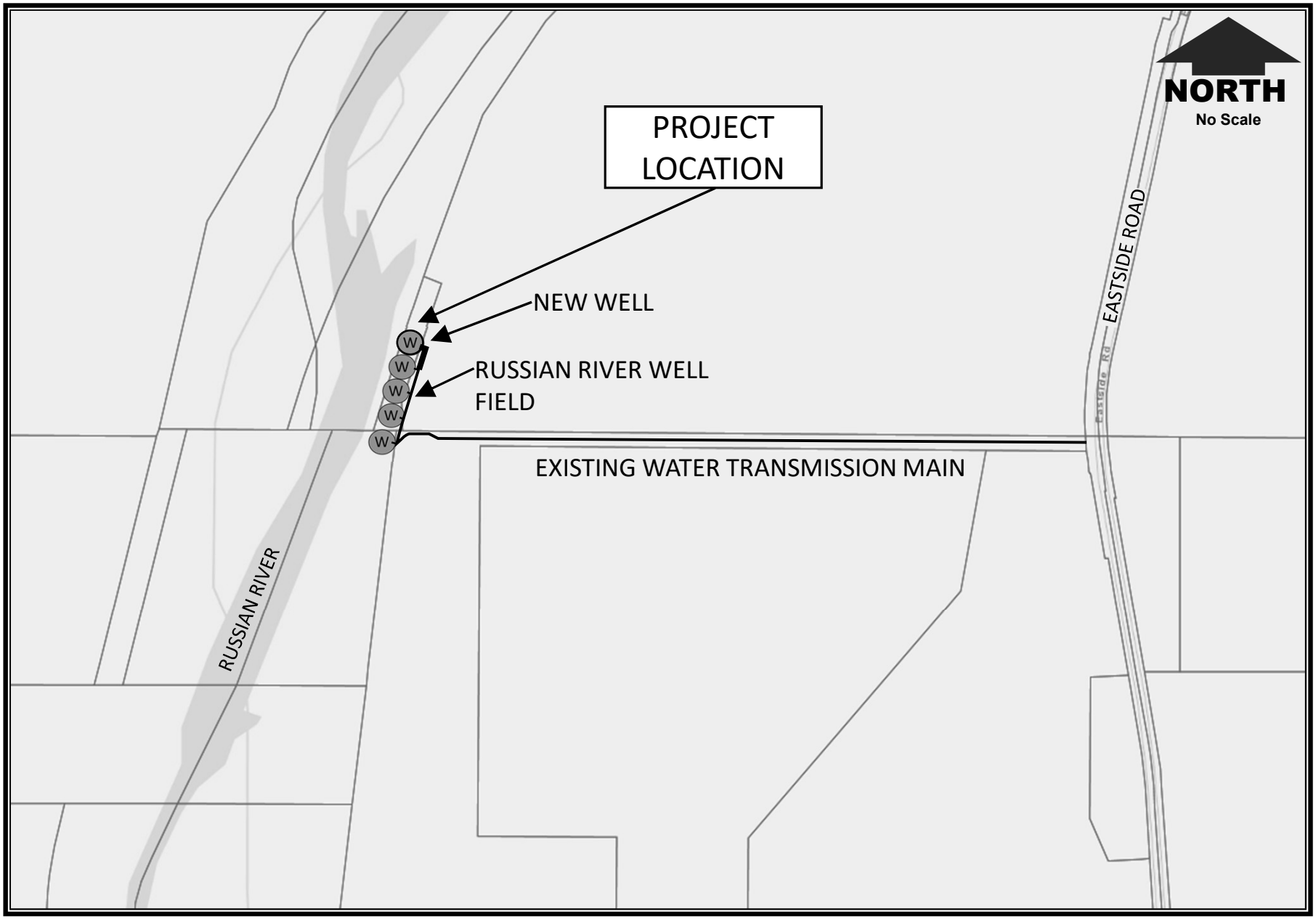
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
The Project is consistent with General Plan Public Facilities and Services Policy PFS-1.7 - The Town shall give high priority in capital improvement programming to funding rehabilitation or replacement of critical infrastructure that has reached the end of its useful life or has capacity constraints.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design/Environmental | - | - | | - | 70,000 | - | - | - | $ 70,000 |
| | Construction | - | - | | - | 833,000 | - | - | - | $ 833,000 |
| | Construction Engineering | - | - | | - | 50,000 | - | - | - | $ 50,000 |
| | Project Management | - | - | | - | - | - | - | - | $ - |
| | Legal Services/Admin | - | - | | - | - | - | - | - | $ - |
| | **Total** | $ - | $ - | | $ - | $ 953,000 | $ - | $ - | $ - | $ 953,000 |
| **Funding Sources:** | Water Capital (50% match) | - | - | | - | 476,500 | - | - | - | $ 476,500 |
| | Water Grants (50% cost share) | - | - | | - | 476,500 | - | - | - | $ 476,500 |
| | **Total** | $ - | $ - | | $ - | $ 953,000 | $ - | $ - | $ - | $ 953,000 |
| **Estimated O & M** | | | | | | | | | | |

# New Well at Russian River Wellfield






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**New Well at Russian River Well Field**

**Project No:** 2302

**GL No:** 460-83-25-2302-4510-000

**Project Description:**
Construct a new well at the Russian River Well Field site. This project is identified in the Water Master Plan Update as Project W-4 and includes design and feasibility evaluation in FY 23-24 with well construction thereafter to meet operational and future growth demands.

**Department:**
Public Works - Engineering

**Priority:**

| | |
|---|---|
| _____ | **Mandate** |
| X | **Necessary** |
| _____ | **Desirable** |

**Justification:**
Currently, the Town's Russian River well field has two wells that are 30 years old. A new replacement well at the Russian River Well Field site would be constructed to replace one of the aging wells, as they get to the end of their life.

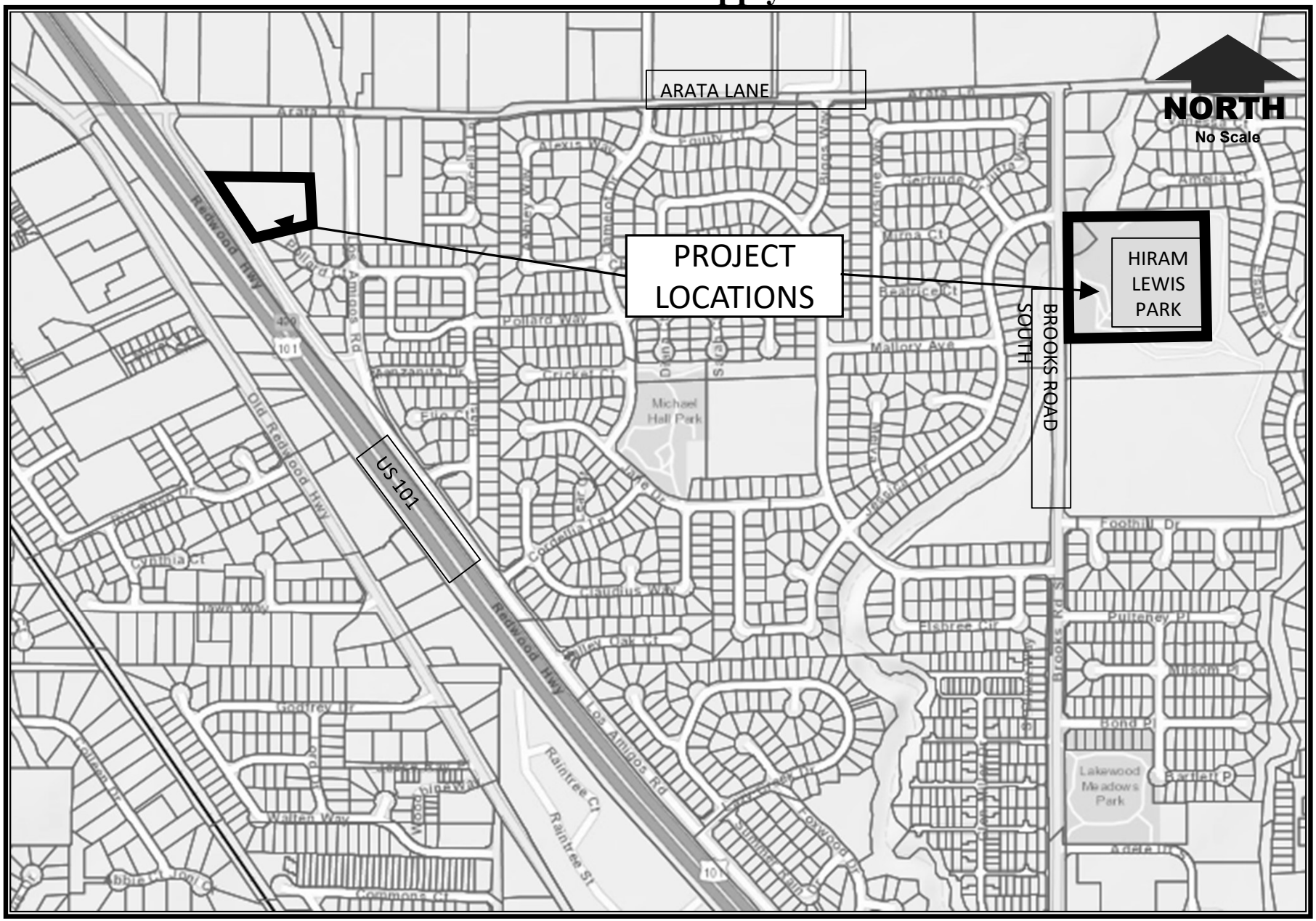
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( X )**
**NO ( )**

**General Plan Consistency:**
The Project is consistent with General Plan Public Facilities and Servies Policy PFS-1.7 - The Town shall give high priority in capital improvement programming to funding rehabilitation or replacement of critical infrastructure that has reached the end of its useful life or has capacity constraints.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design/Environmental | - | - | | - | 100,000 | - | - | - | $ 100,000 |
| | Construction | - | - | | - | - | 300,000 | - | - | $ 300,000 |
| | Construction Engineering | - | - | | - | - | 50,000 | - | - | $ 50,000 |
| | Project Management/Admin. | - | - | | - | - | 50,000 | - | - | $ 50,000 |
| | **Total** | $ - | $ - | | $ - | $ 100,000 | $ 400,000 | $ - | $ - | $ 500,000 |
| **Funding Sources:** | Water Capital | - | - | | - | 100,000 | 400,000 | - | - | $ 500,000 |
| | **Total** | $ - | $ - | | $ - | $ 100,000 | $ 400,000 | $ - | $ - | $ 500,000 |
| **Estimated O & M** | | | | | | | | | | |

# North Windsor Supply Well






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**North Windsor Supply Well**

**Project No:** 2303

**GL No:** 460-83-25-2303-4510-000

**Project Description:**
This project includes construction of a new drinking water supply well in the northern Windsor area, including wellhead treatment, as required. This includes completing a test well to assess the water quality before installing a new municipal well. This project is identified in the Water Master Plan as Project W-3 and was formerly named the Hiram Lewis Park Supply Well project.

**Department:**
Public Works - Engineering

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
Construction of a new well site in northern Windsor will provide an additional water supply to meet current demands in periods of drought and/or emergency and to meet increasing maximum day demand as the Town's demand increases over time. At this time, the new well site is expected to provide a minimum of 270 gpm, or 0.39 MGD. This project includes treatment facilities for iron and manganese (if required). This cost assumes well will be located on Town-owned property and no land purchase costs are included.

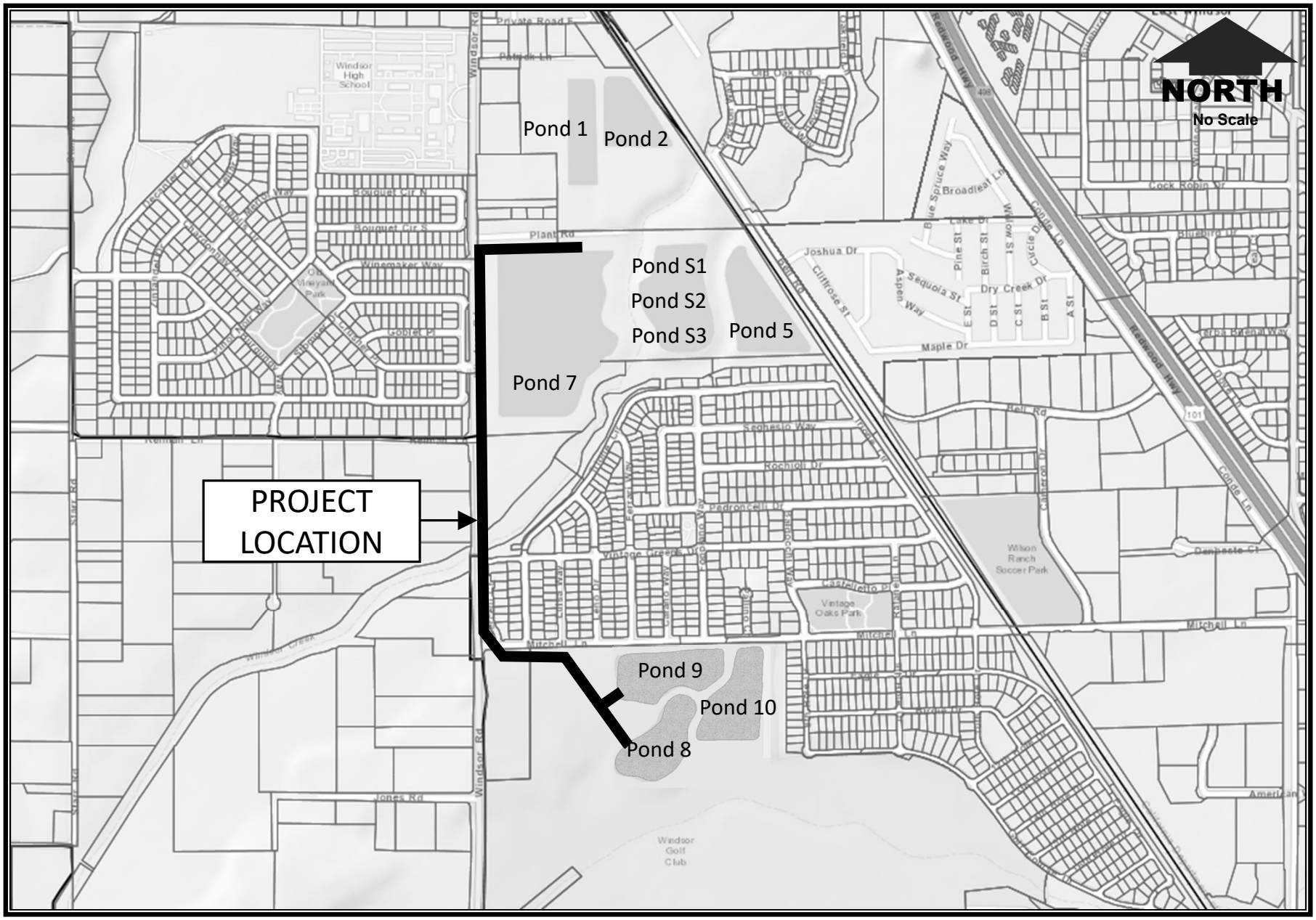
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES** **( X )**
**NO** **( )**

**General Plan Consistency:**
The Project is consistent with General Plan Public Facilities and Services Policy PFS-2.2 - The Town shall maintain the Urban Water Management Plan to adequately estimate projected water demands and supplies over the planning horizon for average and drought year conditions; and shall implement water supply projects to provide a reliable supply during all water conditions; and Policy PFS-2.12 - The Town shall provide a contingency plan to serve as a resource in the case of water supply interuption due to drought or other factors.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design/Environmental | - | - | - | 20,000 | 160,000 | - | - | $ 180,000 |
| | Construction | - | - | - | 100,000 | 400,000 | - | - | $ 500,000 |
| | Construction Engineering | - | - | - | 20,000 | 50,000 | - | - | $ 70,000 |
| | Project Management/Admin. | - | - | - | - | 25,000 | - | - | $ 25,000 |
| | **Total** | $ - | $ - | $ - | $ 140,000 | $ 635,000 | $ - | $ - | $ 775,000 |
| **Funding Sources:** | Water Capital | - | - | - | 140,000 | 635,000 | - | - | $ 775,000 |
| | **Total** | $ - | $ - | $ - | $ 140,000 | $ 635,000 | $ - | $ - | $ 775,000 |
| **Estimated O & M** | | | | | | | | | |

# Mitchell Lane Recycled Water Transfer Pipeline






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Mitchell Lane Recycled Water Transfer Pipeline**

**Project No:** 1401

**GL No:** 460-83-25-1401-4510-000

**Project Description:**
Project would include replacement of the 12-inch pipeline that is used for transfers of tertiary water from the treatment plant to Ponds 8, 9, and 10 located at the Golf Course. Temporary above ground piping located adjacent to the Mitchell Lane Pump Station that provides for transfer capability from the Sonoma County Water Agency Airport Treatment Plant, would be replaced as well.

**Department:**
Public Works - Water Reclamation

**Priority:**

| | |
|---|---|
| | **Mandate** |
| | **Necessary** |
| X | **Desirable** |

**Justification:**
The existing Mitchell Lane transfer pipeline cannot withstand service pressures which limits its carrying capacity. The project will provide increased operational flexibility in transferring recycled water from Pond 7 to Ponds 8, 9 and 10.

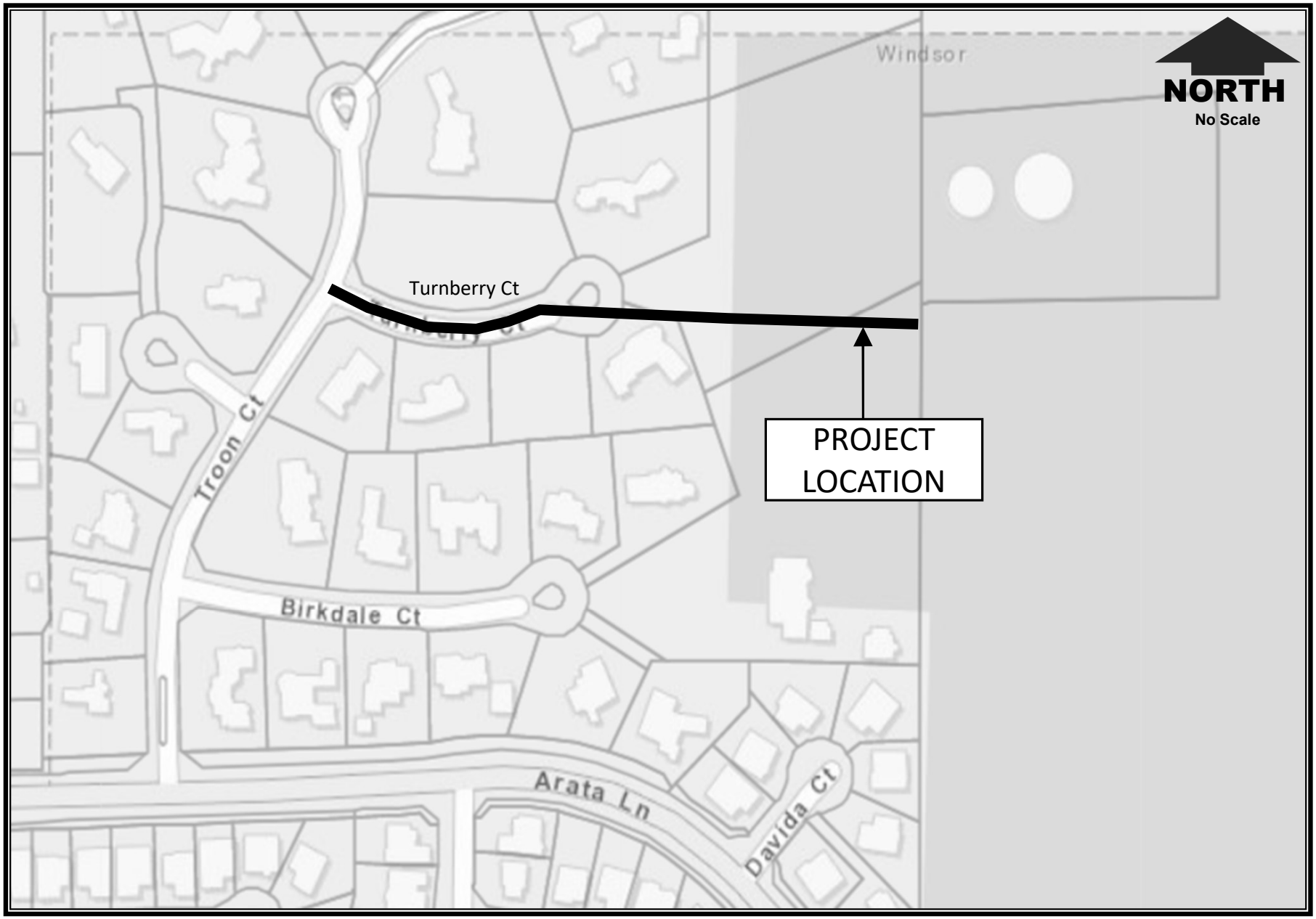
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
The project is consistent with General Plan Public Facilities and Services Policy PFS-1.7: The Town shall give high priority in capital improvement programming to funding rehabilitation or replacement of critical infrastructure that has reached the end of its useful life or has capacity constraints.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design/Environmental | - | - | | - | - | 46,000 | - | - | 46,000 |
| | Construction | - | - | | - | - | - | 695,000 | - | 695,000 |
| | Construction Engineering | - | - | | - | - | - | 46,000 | - | 46,000 |
| | Project Management | - | - | | - | - | - | 11,000 | - | 11,000 |
| | Legal Services/Admin | - | - | | - | - | - | 4,000 | - | 4,000 |
| | **Total** | $ - | $ - | | $ - | $ - | $ 46,000 | $ 756,000 | $ - | $ 802,000 |
| **Funding Sources:** | Water Capital | - | - | | - | - | 46,000 | 756,000 | - | $ 802,000 |
| | **Total** | $ - | $ - | | $ - | $ - | $ 46,000 | $ 756,000 | $ - | $ 802,000 |
| **Estimated O & M:** | | | | | | | | | | |

# Turnberry Court Pipe Improvements






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Turnberry Court Pipe Improvements**

**Project No:** New

**GL No:** 460-83-25-xxxx-4510-000

**Project Description:**
This project entails removal and replacement of 420 ft of existing 8-inch diameter pipe with 12-inch diameterpipe along Turnberry Ct and installation 550 ft of new 12-inch pipe through an easement to the Lakewood Tanks supply line. This project includes easement acquisition, costs of which are not included here. The final easement size and configuration may impact the layout and length of the new 12-inch pipeline.

**Department:**
Public Works - Engineering

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
This project is needed to meet pressure requirements under fire flow conditions at the end of Turnberry Ct. The addition of the pipe loop also serves as system redundancy for utilizing the Lakewood Tanks.

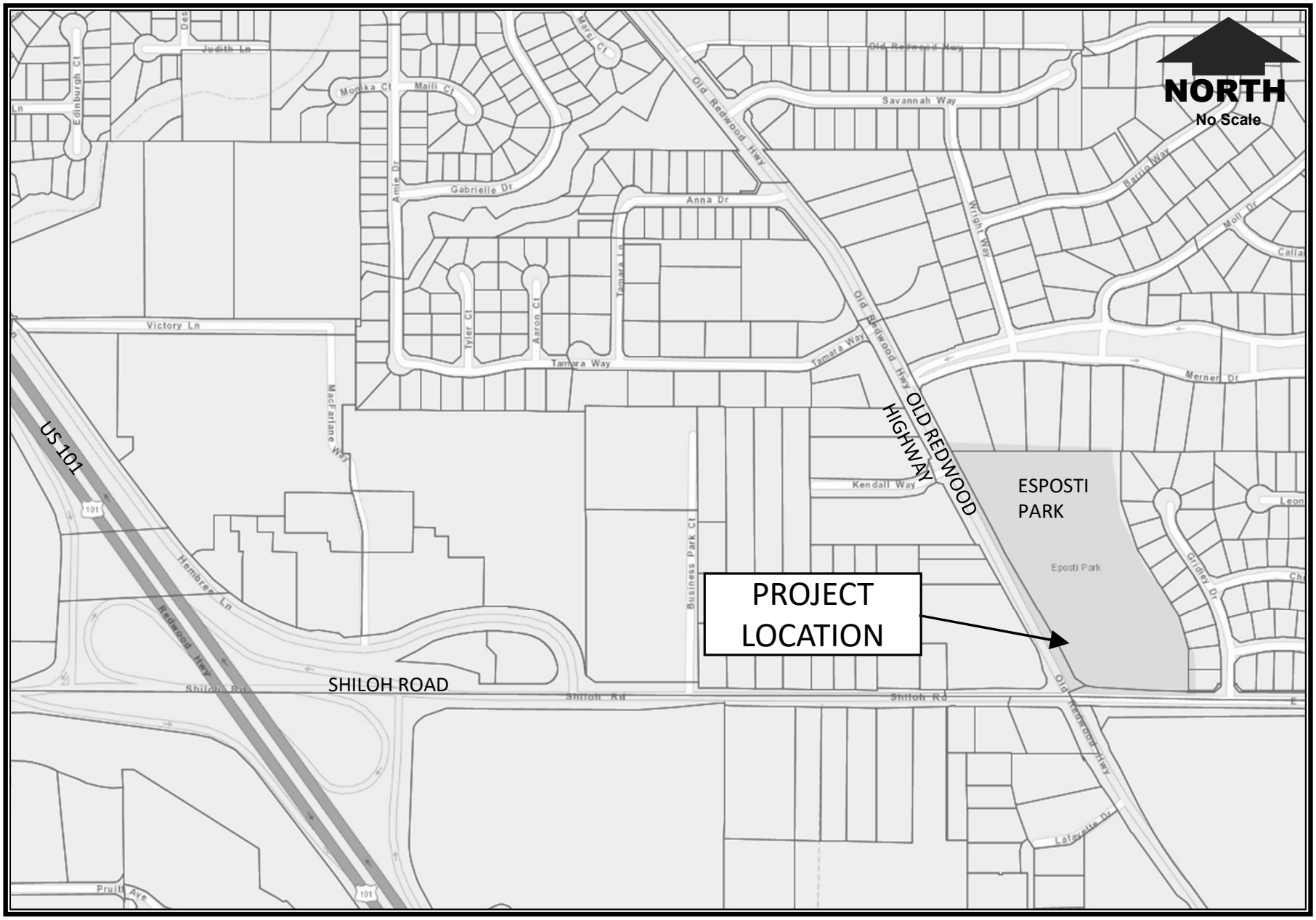
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES** ( )
**NO** ( X )

**General Plan Consistency:**
The project is consistent with General Plan Public Facilities and Services Policy PFS-1.1 - The Town shall maintain the Capital Improvement Program (CIP) to ensure the implementation of the General Plan and the adequate and timely provision of public facility and municipal utility improvements. Policy PFS-1.7 - The Town shall give high priority in capital improvement programming to funding rehabilitation or replacement of critical infrastructure that has reached the end of its useful life or has capacity constraints.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design/Environmental | - | - | | - | - | - | 93,000 | - | $ 93,000 |
| | Construction | - | - | | - | - | - | 464,000 | - | $ 464,000 |
| | Project Management/Admin. | - | - | | - | - | - | 70,000 | - | $ 70,000 |
| | **Total** | $ - | $ - | | $ - | $ - | $ - | $ 627,000 | $ - | $ 627,000 |
| **Funding Sources:** | Water Capital | - | - | | - | - | - | 627,000 | - | $ 627,000 |
| | **Total** | $ - | $ - | | $ - | $ - | $ - | $ 627,000 | $ - | $ 627,000 |
| **Estimated O & M** | | | | | | | | | | |

# Esposti Municipal Well Head and Treatment System






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Esposti Municipal Well Head and Treatment System**

**Project No:** 1310

GL No: 460-83-25-1310-4510-000

**Project Description:**
This project includes the design and construction of a wellhead and treatment system for the existing Esposti Park potable well. The project includes environmental, treatment and location evaluation, as required. This project is identified in the Water Master Plan Update as Project W-2 and has been refined since 2017. This project will be phased with the North Windsor water supply well as recommended in the Esposti Well Feasibility Study.

**Department:**
Public Works - Engineering

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
Wellhead treatment for the existing Esposti Park Well would allow groundwater to meet potable water standards. The wellhead could sustainably generate approximately 350 AFY of water to enhance the Town's water supply to meet current demands in periods of drought and/or emergency and to meet increase maximum day demand as the Town's demand increases over time. It is estimated that the well would be expected to provide 400 gallons per minute (gpm), or 0.5 MGD. Treatment facilities for arsenic and manganese are assumed in the costs for this project and will be evaluated with other well site options before moving forward with construction. Costs assume the well will be located on Town-owned property and no land purchase costs are included.

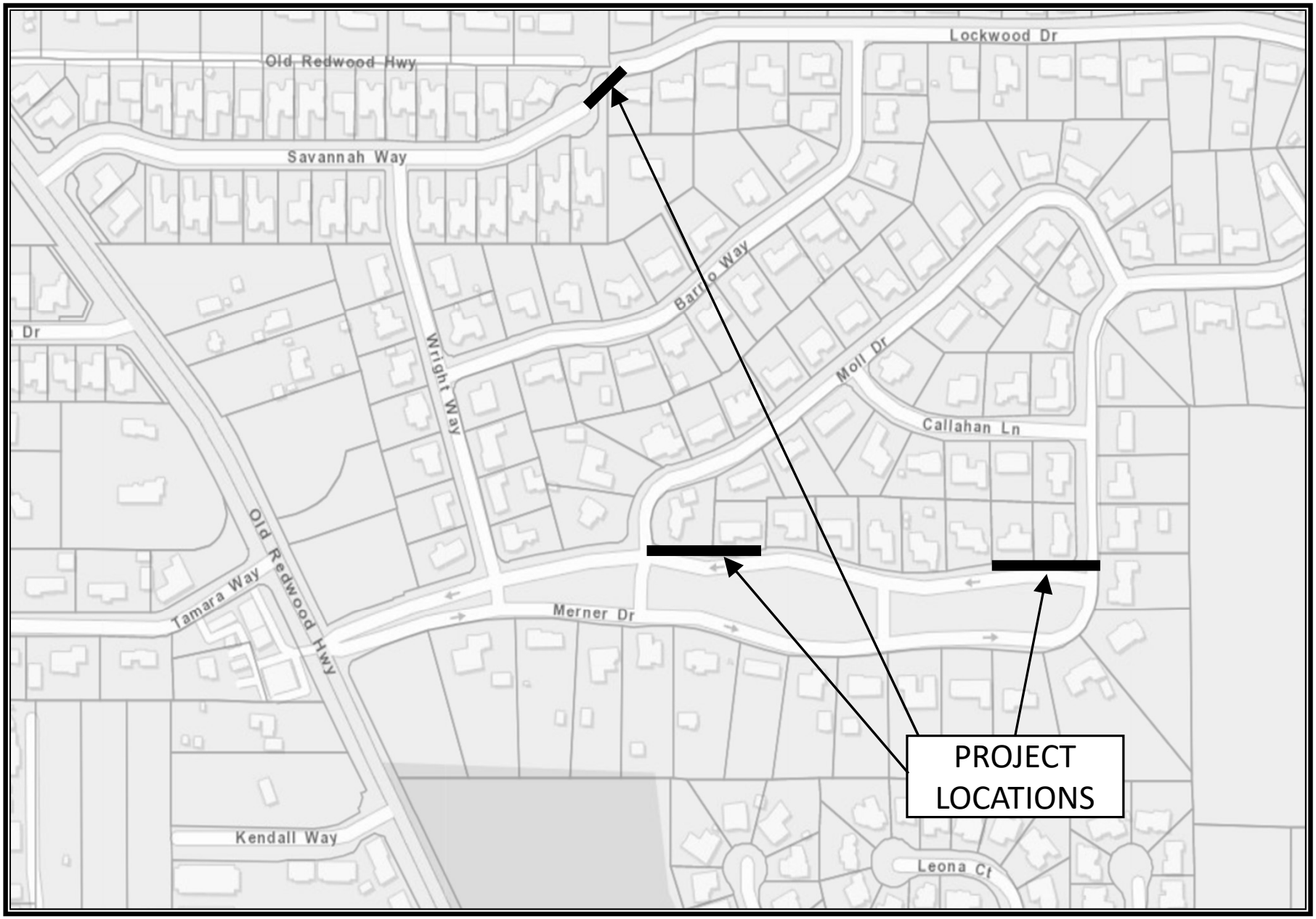
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
The Project is consistent with General Plan Public Facilities and Services Policy PFS-2.2 - The Town shall maintain the Urban Water Management Plan to adequately estimate projected water demands and supplies over the planning horizon for average and drought year conditions; and shall implement water supply projects to provide a reliable supply during all water conditions; and Policy PFS-2.12 - The Town shall provide a contingency plan to serve as a resource in the case of water supply interruption due to drought or other factors.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design/Environmental | - | - | | - | - | - | - | 563,000 | $ 563,000 |
| | Construction | - | - | | - | - | - | - | - | $ - |
| | Construction Engineering | - | - | | - | - | - | - | - | $ - |
| | Project Management/Admin. | - | - | | - | - | - | - | - | $ - |
| | Contingency | - | - | | - | - | - | - | - | $ - |
| | **Total** | $ - | $ - | | $ - | $ - | $ - | $ - | $ 563,000 | $ 563,000 |
| **Funding Sources:** | Water Capital | - | - | | - | - | - | - | 563,000 | $ 563,000 |
| | **Total** | $ - | $ - | | $ - | $ - | $ - | $ - | $ 563,000 | $ 563,000 |
| **Estimated O & M** | | | | | | | | | | |

# Savannah Way and Merner Drive Pipe Construction






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Savannah Way and Merner Drive Pipe Construction**

**Project No:** New

**GL No:** 460-83-25-xxxx-4510-000

**Project Description:**
Install three new 8" pipes. One new pipe is to be installed between Savanna Way and Lockwood Drive, connecting the two streets. The other two pipes will be installed on Merner Drive between Moll Drive and Lockwood Drive.

**Department:**
Public Works Engineering

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
This project is needed to meet pressure requirements under fire flow conditions at four existing pipe dead ends. The new pipelines will address the fire flow deficiencies and create new pipe loops for added system redundancy.

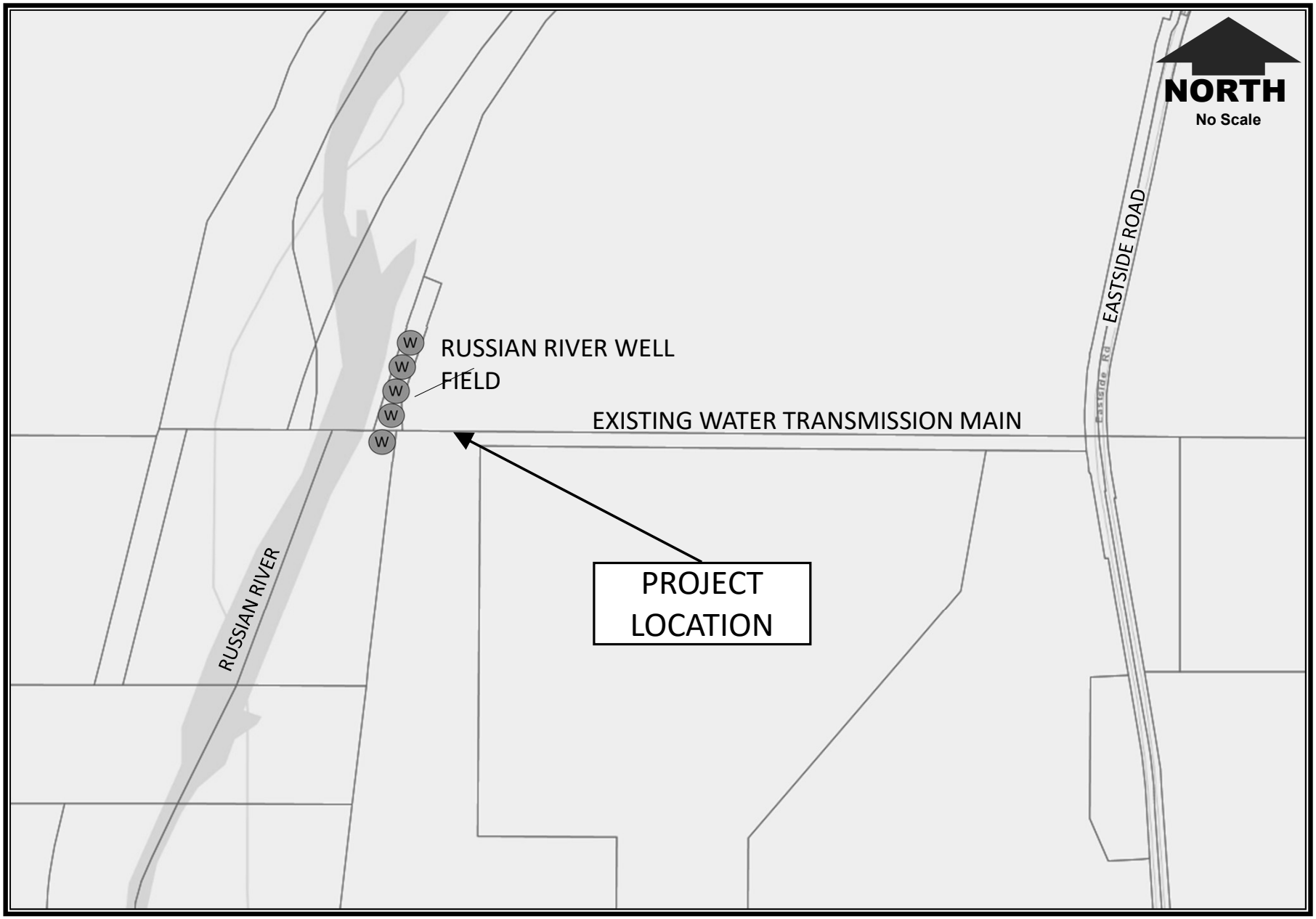
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
The project is consistent with General Plan Public Facilities and Services Policy PFS-1.1 - The Town shall maintain the Capital Improvement Programming (CIP) to ensure the implementation of the General Plan and the adequate and timely provision of public facility and municipal utility improvement and Policy PFS-1.7 - The Town shall give high priority in capital improvement programming to funding rehabilitation or replacement of critical infrastructure that has reached the end of its useful life or has capacity constraints.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design/Environmental | - | - | | - | - | - | - | 58,000 | $ 58,000 |
| | Construction | - | - | | - | - | - | - | 250,000 | $ 250,000 |
| | Project Management/Admin. | - | - | | - | - | - | - | 39,000 | $ 39,000 |
| | **Total** | $ - | $ - | | $ - | $ - | $ - | $ - | $ 347,000 | $ 347,000 |
| **Funding Sources:** | Water Capital | - | - | | - | - | - | - | 347,000 | $ 347,000 |
| | **Total** | $ - | $ - | | $ - | $ - | $ - | $ - | $ 347,000 | $ 347,000 |
| **Estimated O & M** | | | | | | | | | | |

# Water Transmission Reliability at Russian River Wellfield West of Eastside Road






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Water Transmission Reliability at Russian River Well Field West of Eastside Road**

**Project No:** New

**GL No:** 460-83-25-xxxx-4510-000

**Project Description:**
Install 2,400 ft of new 18" pipe from the Russian River Well Field (RRWF) to Eastside Road. This is a parallel pipe to the existing 18" supply line coming from the RRWF to the Town's water distribution system.

**Department:**
Public Works Engineering

**Justification:**
This pipe serves as redundancy for the existing supply line from the Russian River Well Field in case the existing pipe is damaged or needs to be serviced. This project supports the Hazard Mitigation Plan Mitigation Action 3.2 - Increase redundancy in the Town's water distribution network through multiple back-up connections, particularly across fault zones.

**Priority:**

| | |
|---|---|
| | **Mandate** |
| | **Necessary** |
| X | **Desirable** |

**General Plan Consistency:**
The project is consistent with General Plan Public Facilities and Services Policy PFS-1.1 - The Town shall maintain the Capital Improvement Programming (CIP) to ensure the implementation of the General Plan and the adequate and timely provision of public facility and municipal utility improvement and Policy PFS-1.7 - The Town shall give high priority in capital improvement programming to funding rehabilitation or replacement of critical infrastructure that has reached the end of its useful life or has capacity constraints. In addition the project is consistent with Public Heath and Safety Policy PHS-1.2 The Town shall ensure that emergency response facilities and infrastructure are located to avoid hazardous areas and designed to remain functional following a major natural or human-made disaster. When the location of emergency response facilities and infrastructure in such areas cannot be avoided, effective measures should be implemented to minimize potential damage and public inconvenience.

**Appropriations beyond the 5 year program period are needed to complete project:**
**YES ( )**
**NO ( X )**

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design/Environmental | - | - | | - | - | - | - | 261,000 | $ 261,000 |
| | Construction | - | - | | - | - | - | - | 1,427,000 | $ 1,427,000 |
| | Project Management/Admin. | - | - | | - | - | - | - | 214,000 | $ 214,000 |
| | **Total** | $ - | $ - | | $ - | $ - | $ - | $ - | $ 1,902,000 | $ 1,902,000 |
| **Funding Sources:** | Water Capital | - | - | | - | - | - | - | 1,902,000 | $ 1,902,000 |
| | **Total** | $ - | $ - | | $ - | $ - | $ - | $ - | $ 1,902,000 | $ 1,902,000 |
| **Estimated O & M** | | | | | | | | | | |

This Page Intentionally Blank

# WATER RECLAMATION PROJECTS

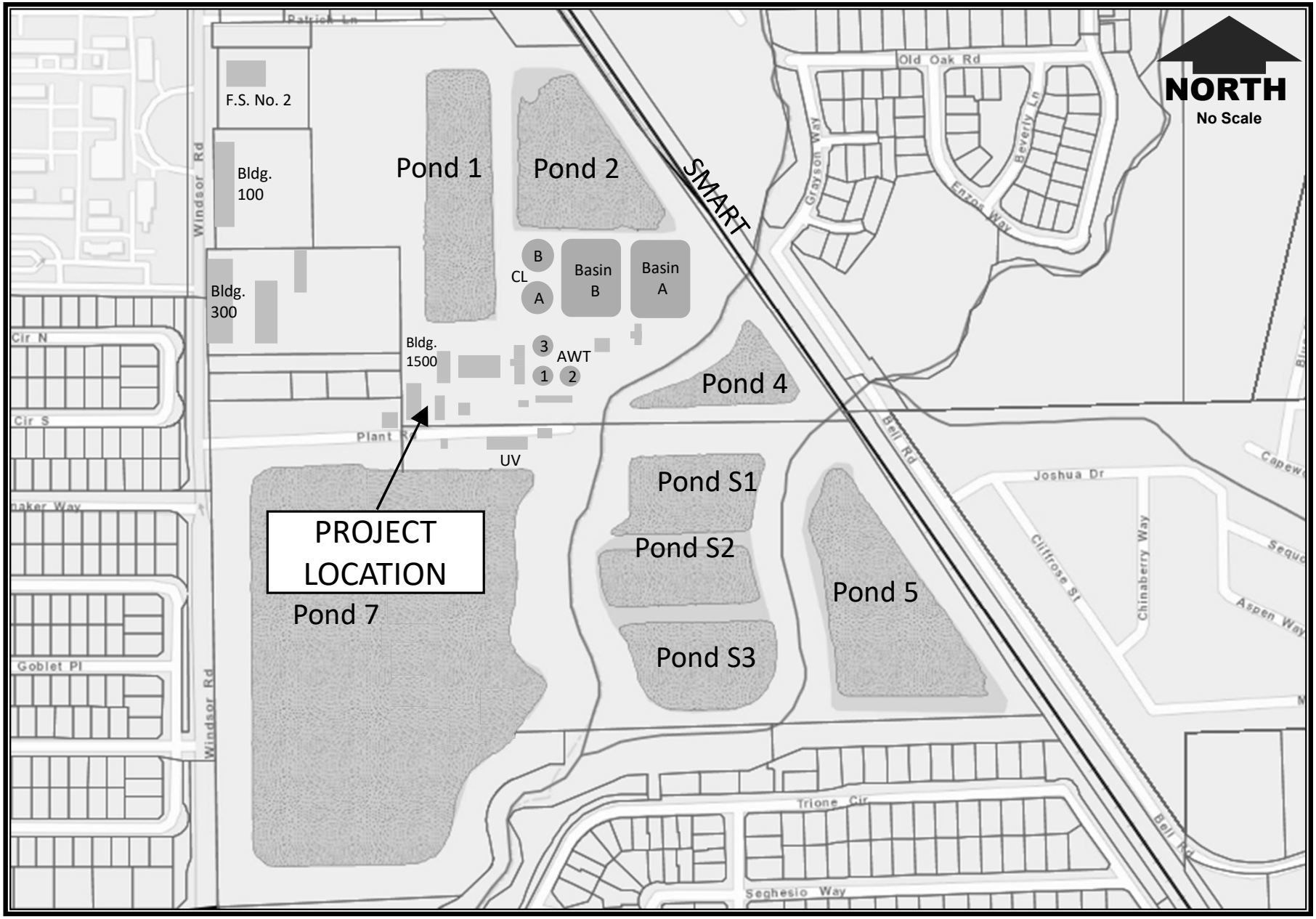


This Page Intentionally Blank

# APPROPRIATIONS PLAN SUMMARY FOR WATER RECLAMATION PROJECTS

| PROJECT | Page No. | Project No. | 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 2025-2026 | 2021-2027 |
|---|---|---|---|---|---|---|---|---|
| Influent Wet Well Screen at Water Reclamation Facility (WRF) | WR - 3 | 1801 | 1,195,000 | 300,000 | - | - | - | $ 1,495,000 |
| ALWSZ Sewer Connection | WR - 5 | 2208 | 310,000 | - | - | - | - | $ 310,000 |
| Ultraviolet (UV) System Replacement | WR - 9 | 2209 | 2,668,000 | - | - | - | - | $ 2,668,000 |
| Aeration Basin | WR - 11 | 2210 | 1,700,000 | 3,200,000 | 31,689,000 | - | - | $ 36,589,000 |
| Secondary Clarifier Repairs at the Water Reclamation Facility (WRF) | WR - 13 | 1804 | 97,000 | - | 349,000 | - | - | $ 446,000 |
| Supervisory Control and Data Acquisition System Upgrade | WR - 15 | 2211 | 250,000 | - | - | - | - | $ 250,000 |
| Electrical Meters at the Water Reclamation Facility | WR - 17 | 2212 | 50,000 | 50,000 | - | - | - | $ 100,000 |
| Storage Pond Berm Repair | WR - 19 | 2213 | 70,000 | 70,000 | 120,000 | 120,000 | 120,000 | $ 500,000 |
| SS-1 Windsor River Road to Water Reclamation Facility | WR - 21 | 2304 | - | 850,000 | 3,931,000 | - | - | $ 4,781,000 |
| SS-3 Hembree Lane | WR - 23 | 2305 | - | 222,000 | 1,035,000 | - | - | $ 1,257,000 |
| Emergency Generators at the Water Reclamation Facility | WR - 25 | New | - | - | 806,000 | - | - | $ 806,000 |
| Biosolids Handling Facility | WR - 27 | New | - | - | 500,000 | 29,350,000 | - | $ 29,850,000 |
| Main Switchboard Replacement at Water Reclamation Facility | WR - 29 | New | - | - | 183,000 | 500,000 | - | $ 683,000 |
| SS-2 Starr Road | WR - 31 | New | - | - | - | 571,000 | 2,588,000 | $ 3,159,000 |
| Conde Business Park Sewer Easement Access Road Resurfacing | WR - 33 | 2182 | - | - | - | - | 158,000 | $ 158,000 |
| **TOTAL APPROPRIATIONS** | | | **$ 6,340,000** | **$ 4,692,000** | **$ 38,613,000** | **$ 30,541,000** | **$ 2,866,000** | **$ 83,052,000** |

# Influent Wet Well Screen at WRF






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Influent Wet Well Screen at Water Reclamation Facility (WRF)**

**Project No:** 1801

**GL No:** 430-82-25-1801-4510-000

**Project Description:**
This project consists of the purchase and installation of a mechanical screen at the Wastewater Reclamation Plant influent wet well. The equipment will consist of a mechanical self-cleaning screen to remove coarse debris from the wastestream prior to pumping at the influent pump station.

**Department:**
Public Works - Water Reclamation

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
Currently, no screening occurs upstream of the influent pump station. The influent pumps, which draw water from the influent wet well, are subject to stoppage by fibrous materials. These pumps must then be manually cleaned - a maintenance task that can be minimized with the addition of screening facilities. The removal of the larger solid material from the wastestream at the influent wet well will reduce wear on the influent pumps, and reduce the trash loading and related wear on downstream treatment processes and equipment.

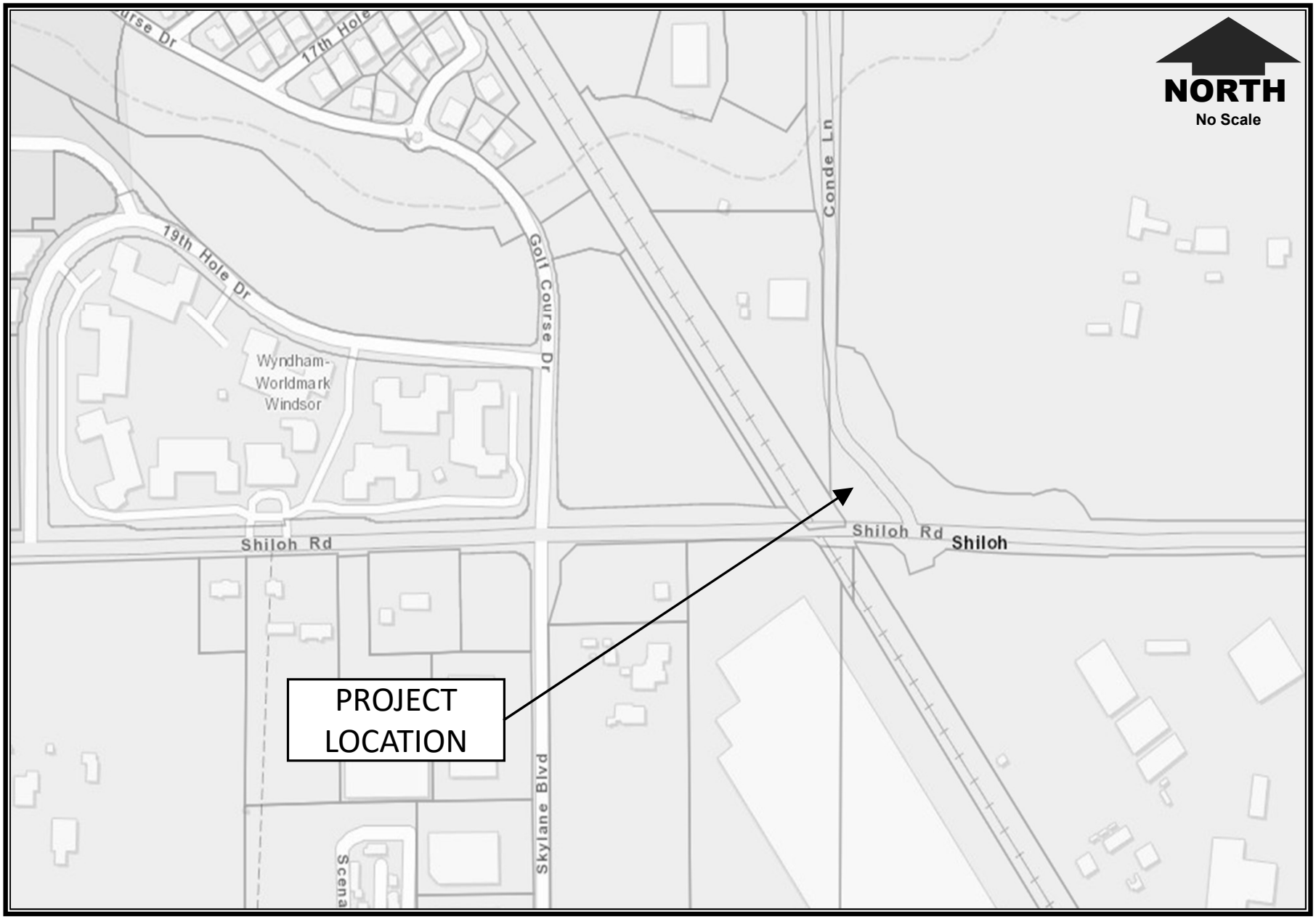
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
The project is consistent with General Plan Public Facilities and Services Policy PFS-3.1: The Town shall provide sufficient wastewater conveyance, storage, and pumping capacity for peak sewer flows and infiltration, and Policy PFS-1.7: The Town shall give high priority in capital improvement programming to funding rehabilitation or replacement of critical infrastructure that has reached the end of its useful life or has capacity constraints.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design/Environmental | | | 70,000 | - | - | - | - | $ 70,000 |
| | Construction | | - | 1,050,000 | - | - | - | - | $ 1,050,000 |
| | Construction Engineering | | - | 50,000 | 300,000 | - | - | - | $ 350,000 |
| | Project Management | | - | 20,000 | - | - | - | - | $ 20,000 |
| | Legal Services/Admin | | - | 5,000 | - | - | - | - | $ 5,000 |
| | **Total** | $ - | $ - | $ 1,195,000 | $ 300,000 | $ - | $ - | $ - | $ 1,495,000 |
| **Funding Sources:** | WR Capital | - | - | 1,195,000 | 300,000 | - | - | - | 1,495,000 |
| | | | - | - | - | - | - | - | |
| | | | - | - | - | - | - | - | |
| | | | - | - | - | - | - | - | |
| | | | - | - | - | - | - | - | |
| | **Total** | $ - | $ - | $ 1,195,000 | $ 300,000 | $ - | $ - | $ - | $ 1,495,000 |
| **Estimated O & M** | | | | | | | | | |

# ALWSZ Sewer Connection






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**ALWSZ Sewer Connection**

**Project No:** 2208

**GL No:** 430-82-25-2208-4510-000

**Project Description:**
This project includes providing an air gap connection between the recycled water system and the sanitary sewer near the intersection of Shiloh Road and Conde Lane. The connection would allow transfer of secondary treated water from the Sonoma Water Airport Larkfield/Wikiup Sanitation Zone to the Town of Windsor's Water Reclamation Facility during times of emergency while providing a minimal amount of recycled water pipe to be backflushed afterward.

**Department:**
Public Works - Water Reclamation

**Priority:**

| | |
|---|---|
| | **Mandate** |
| | **Necessary** |
| X | **Desirable** |

**Justification:**
In exchange for recycled water storage the Town has agreed to assist Sonoma Water from time to time during period of high flow. The current system does not enable the Town's Water Reclamation Facility to take secondary treated water from the ALWSZ Treatment Plant without intense operation and a long stretch of recycled water pipe to backflush. This connection would enable the transfer to occur with limited operations and with much limited backflushing required.

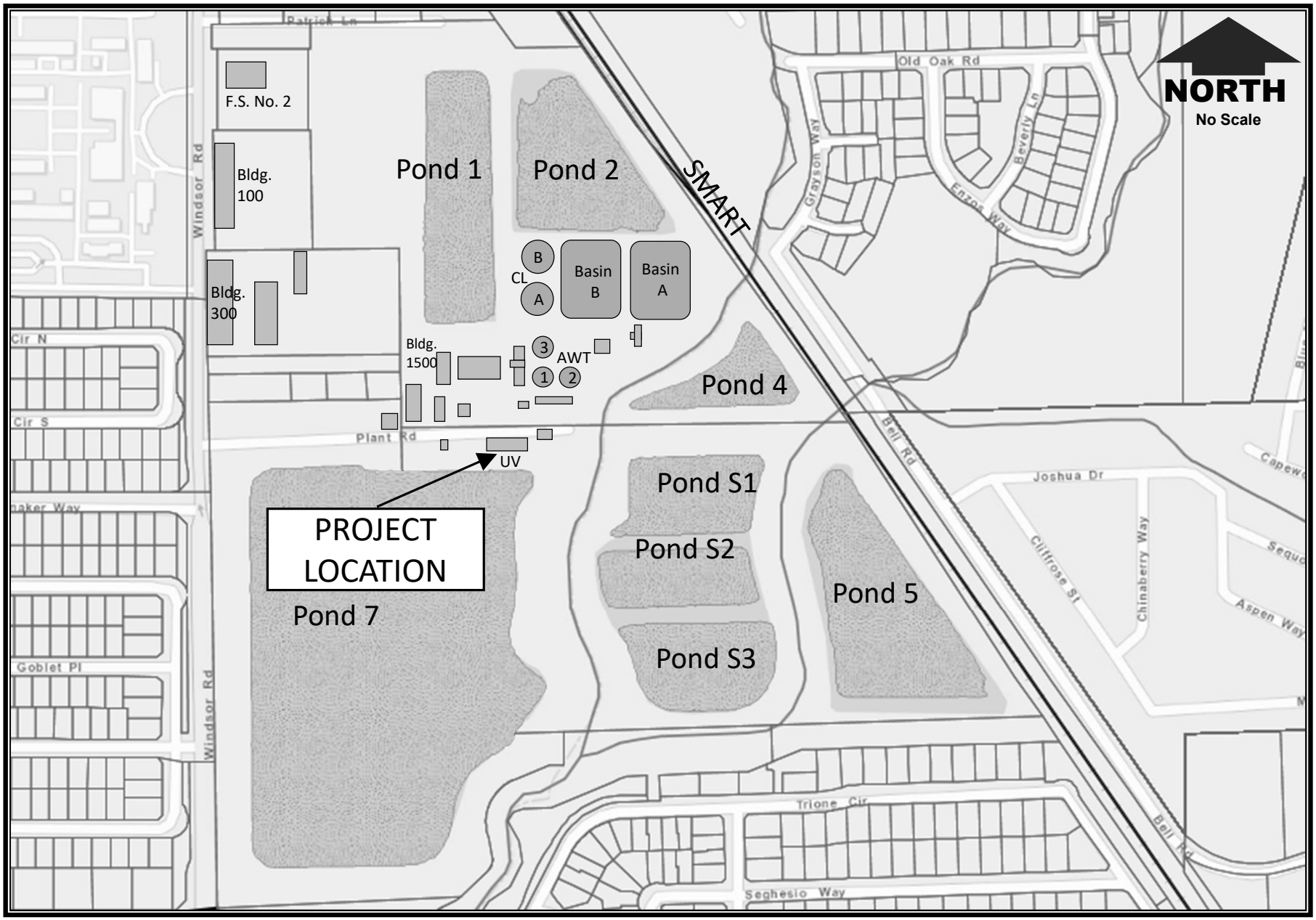
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES** **( )**
**NO** **( X )**

**General Plan Consistency:**
The project is consistent with General Plan Public Facilities and Services Policy PFS-2.5: The Town shall continue to support the beneficial reuse
of recycled water and the joint use of facilities including reservoir, distribution mains, and pumping facilities for the use of recycled water when such joint use benefits the environment.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design/Environmental | - | - | 50,000 | - | - | - | - | $ 50,000 |
| | Construction | - | - | 228,000 | - | - | - | - | $ 228,000 |
| | Construction Engineering | - | - | 30,000 | - | - | - | - | $ 30,000 |
| | Project Management | - | - | - | - | - | - | - | $ - |
| | Legal Services/Admin | - | - | 2,000 | - | - | - | - | $ 2,000 |
| | **Total** | $ - | $ - | $ 310,000 | $ - | $ - | $ - | $ - | $ 310,000 |
| **Funding Sources:** | WR Capital | - | - | 310,000 | - | - | - | - | $ 310,000 |
| | **Total** | $ - | $ - | 310,000 | $ - | $ - | $ - | $ - | $ 310,000 |
| **Estimated O & M** | | | | | | | | | |

# UV System Replacement






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Ultraviolet (UV) System Replacement**

**Project No:** 2209

**GL No:** 430-82-25-2209-4510-000

**Project Description:**
This project consists of the replacement of the ultraviolet (UV) disinfection treatment system with an updated model.

**Department:**
Public Works - Water Reclamation

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
The Water Reclamation Facility Moderniaztion Study noted that the UV system has performed past its usefull engineering life. The components are aged and not fully supported by the manufacturer. The modernizaton recommends replacement of the UV System within the next five years. This project includes design of a new system in FY23-24 with construction there after.

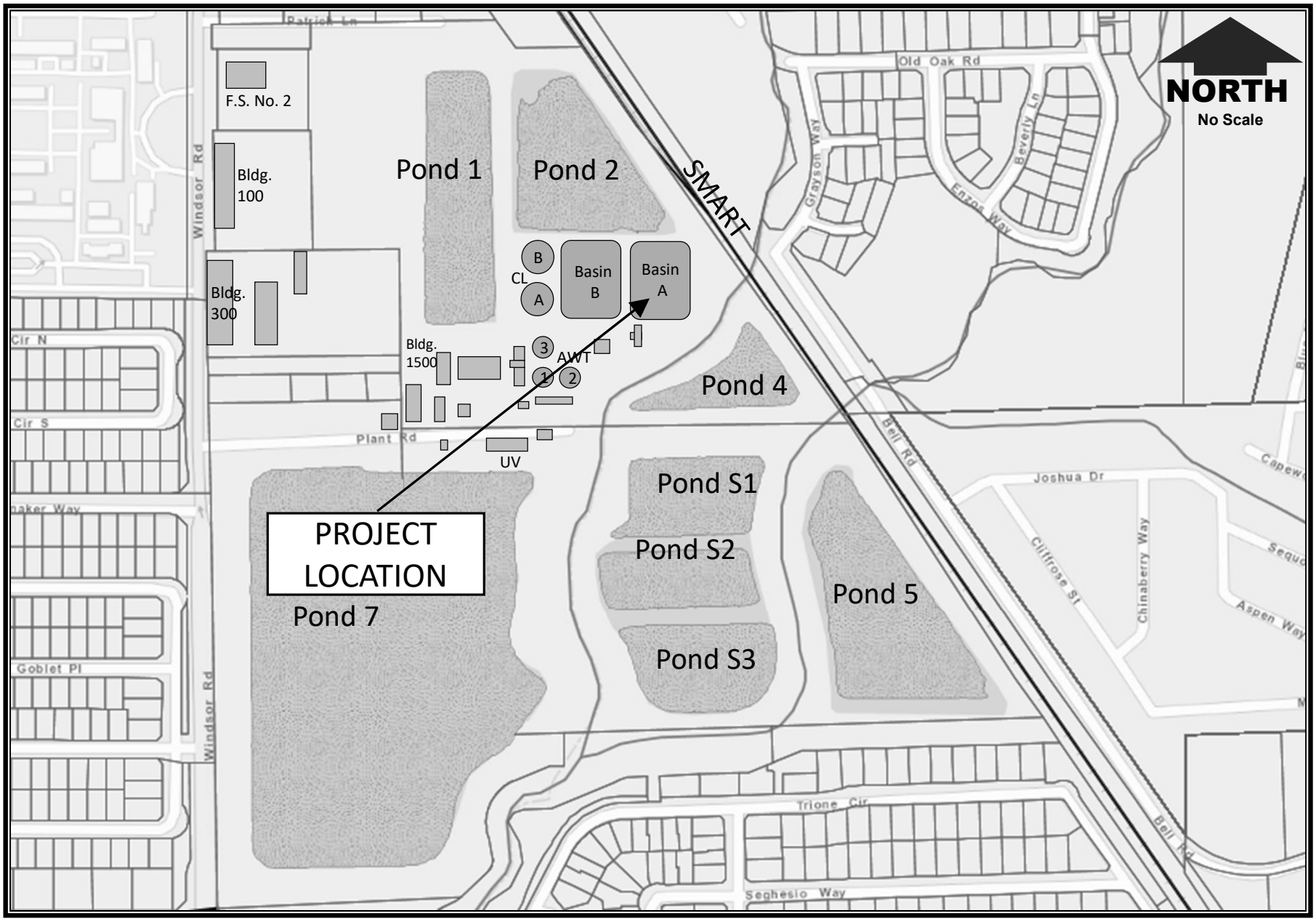
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES** **( X )**
**NO** **( )**

**General Plan Consistency:**
The project is consistent with General Plan Public Facilities and Services Policy PFS-3.1: The Town shall provide sufficient wastewater conveyance, storage, and pumping capacity for peak sewer flows and infiltration, and Policy PFS-1.7: The Town shall give high priority in capital improvement programming to funding rehabilitation or replacement of critical infrastructure that has reached the end of its useful life or has capacity constraints.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design/Environmental | - | - | | 266,000 | - | - | - | - | $ 266,000 |
| | Construction | - | - | | 2,402,000 | - | - | - | - | $ 2,402,000 |
| | Construction Engineering | - | - | | - | - | - | - | - | $ - |
| | Project Management | - | - | | - | - | - | - | - | $ - |
| | Legal Services/Admin | - | - | | - | - | - | - | - | $ - |
| | **Total** | $ - | $ - | | $ 2,668,000 | $ - | $ - | $ - | $ - | $ 2,668,000 |
| **Funding Sources:** | WR Capital | - | - | | 2,668,000 | - | - | - | - | $ 2,668,000 |
| | **Total** | $ - | $ - | | $ 2,668,000 | $ - | $ - | $ - | $ - | $ 2,668,000 |
| **Estimated O & M** | | | | | | | | | | |

# Aeration Basin






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Aeration Basin**

**Project No:** 2210

**GL No:** 430-82-25-2210-4510-000

**Project Description:**
This project will replace Aeration Basin A at the Water Reclamation Facility (WRF) with a new design that will accommodate projected flows through the General Plan 2040 horizon and assist in meeting more stringent phosphorus effluent limitation requirements in the Water Reclamation Facility's (WRF) discharge permit. A Feasibility Study was performed in Fiscal Year 20/21 to assess the ability to treat projected flows and to fit a future system within the current WRF footprint. Fiscal Year 19/20 budget includes a pilot test and engineering design.

**Department:**
Public Works - Water Reclamation

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
Currently the WRF uses one of two Parkson Corporation Biolac® extended aeration basins Currently only Basin B is used because it has a larger and more effective anoxic selector box; whereas, the Basin A anoxic selector box is undersized for current flows. Within the next few years, anticipated Town growth will likely exceed the current design parameters for the use of only one aeration basin. Operating two basins in parallel presents operational challenge and process equipment deficiencies that can be addressed by design of a new aeration basin in the footprint of existing Basin A.

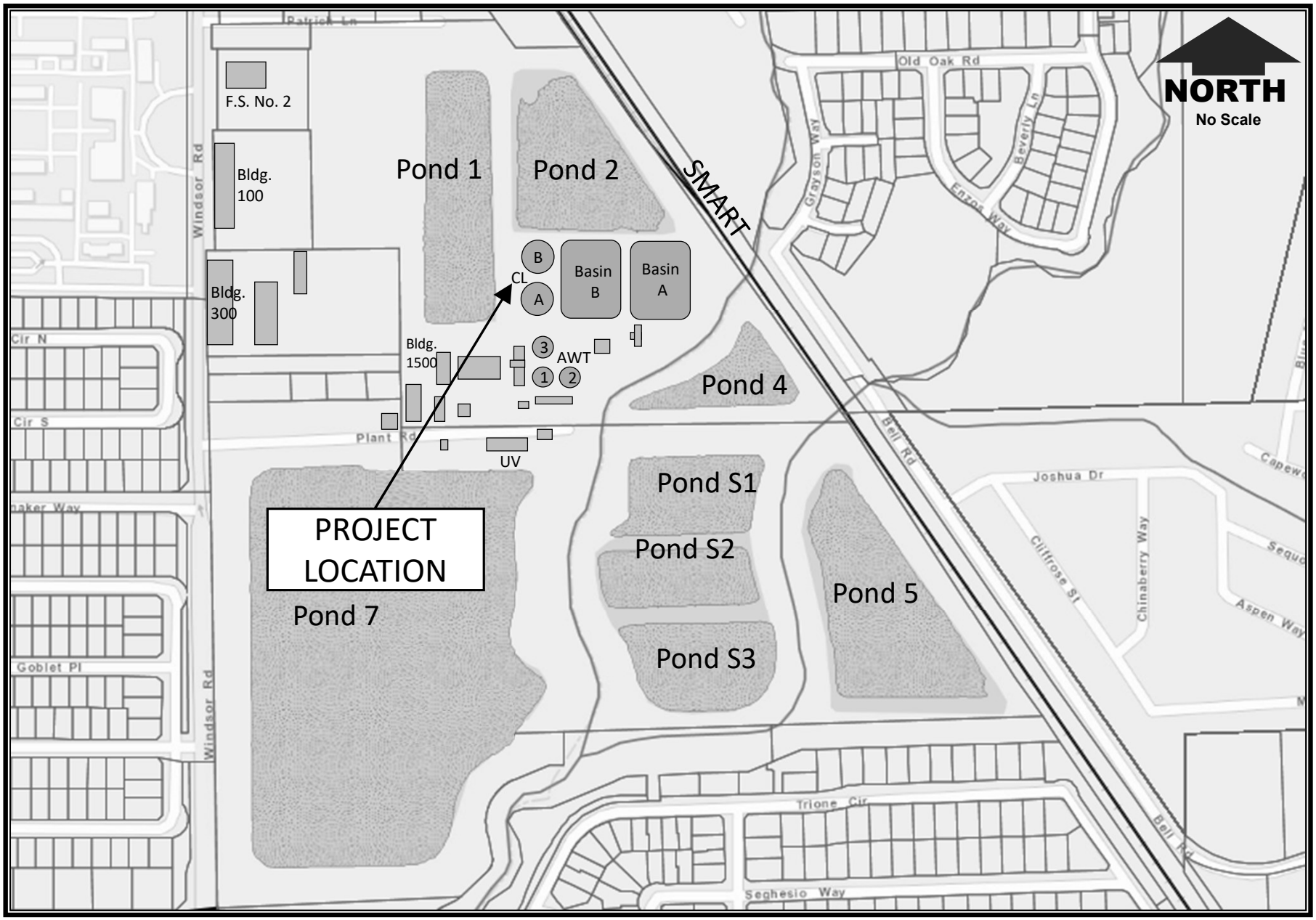
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
The project is consistent with General Plan Public Facilities and Services Policy PFS-1.7: The Town shall give high priority in capital improvement programming to funding rehabilitation or replacement of critical infrastructure that has reached the end of its useful life or has capacity constraints.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design/Environmental | | - | 1,700,000 | 200,000 | - | - | - | $ 1,900,000 |
| | Construction | - | - | - | 2,740,000 | 28,799,000 | - | - | $ 31,539,000 |
| | Construction Engineering | - | - | - | 250,000 | 2,880,000 | - | - | $ 3,130,000 |
| | Project Management | - | - | - | 10,000 | 10,000 | - | - | $ 20,000 |
| | Legal Services/Admin | - | - | - | - | - | - | - | $ - |
| | **Total** | $ - | $ - | $ 1,700,000 | $ 3,200,000 | $ 31,689,000 | $ - | $ - | $ 36,589,000 |
| **Funding Sources:** | WR Capital | - | - | 1,700,000 | 3,200,000 | 31,689,000 | - | - | 36,589,000 |
| | **Total** | $ - | $ - | $ 1,700,000 | $ 3,200,000 | $ 31,689,000 | $ - | $ - | $ 36,589,000 |
| **Estimated O & M:** | | | | | | | | | |

# Secondary Clarifier Repairs at WRF






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Secondary Clarifier Repairs at the Water Reclamation Facility (WRF)**

**Project No:** 1804

**GL No:** 430-82-25-1804-4510-000

**Project Description:**
The project involves structural repairs to Clarifiers A and B.

**Department:**
Public Works - Water Reclamation

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
Secondary Clarifiers A and B are generally in good condition with the exception of the center wells which are corroding rapidly at the water line. The Clarifier A center well had corroded all the way through a major percentage of the circuference. This allows short-circuiting of sludge, but more pressingly, jeapordized the structure, as the skimmer arm is supported by the center well. A temporary structural repair was completed on Clarifier A in 2015 and another repair is due. This project includes other minor repairs such as replacing scraper blades and recoating spot locations where excess corrosion is noted.

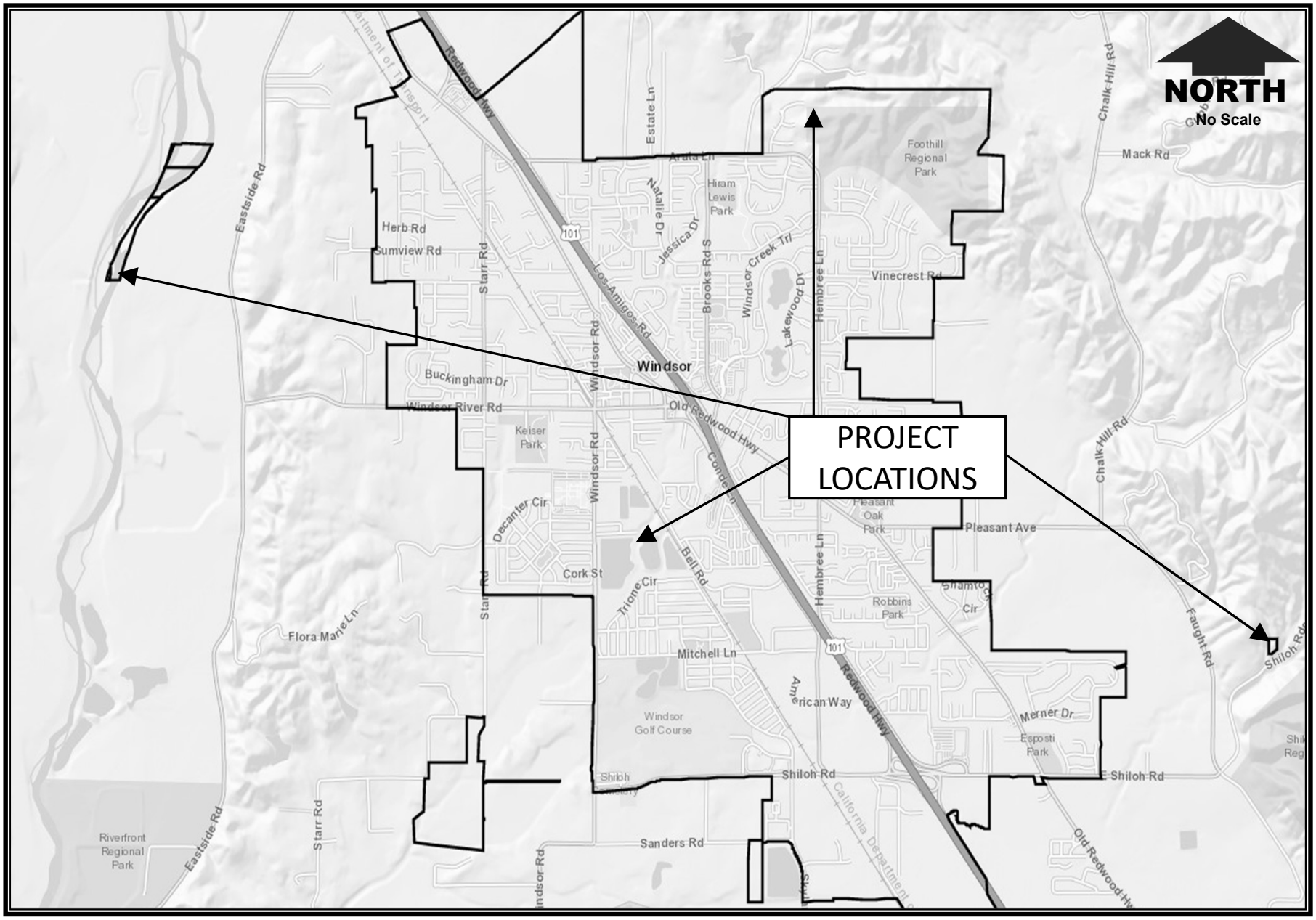
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES** **( )**
**NO** **( X )**

**General Plan Consistency:**
The project is consistent with General Plan Public Facilities and Services Policy PFS-3.1: The Town shall provide sufficient wastewater conveyance, storage, and pumping capacity for peak sewer flows and infiltration, and Policy PFS-1.7: The Town shall give high priority in capital improvement programming to funding rehabilitation or replacement of critical infrastructure that has reached the end of its useful life or has capacity constraints.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design/Environmental | | - | - | - | - | - | - | $ - |
| | Construction | | - | 97,000 | | 349,000 | - | - | $ 446,000 |
| | Construction Engineering | | - | - | - | - | - | - | $ - |
| | Project Management | | - | - | - | - | - | - | $ - |
| | Legal Services/Admin | | - | - | - | - | - | - | $ - |
| | **Total** | $ - | $ - | $ 97,000 | $ - | $ 349,000 | $ - | $ - | $ 446,000 |
| **Funding Sources:** | WR Capital | - | - | 97,000 | - | 349,000 | - | - | $ 446,000 |
| | **Total** | $ - | $ - | $ 97,000 | $ - | $ 349,000 | $ - | $ - | $ 446,000 |
| **Estimated O & M** | | | | | | | | | |

# Supervisory Control and Data Acquisition System Upgrade






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Supervisory Control and Data Acquisition System Upgrade**

**Project No:** 2211

**GL No:** 430-82-25-2211-4510-000

**Project Description:**
The project involves installation of a new Supervisory Control and Data Acquisition (SCADA) operating system with accompanying system hardwear

**Department:**
Public Works - Water Reclamation

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
The current SCADA system, which monitors and controls the Water Reclamation Facility (WRF) and the Water and Recycled Water Systems, was installed in 2010. The system uses an outdated version of software that is not upgradeable. Operations staff is also experiencing an increasing amount of system failures and errors with limited resources for correcting the issues. The hardwear has also surpassed its current useful life and is due for replacement.

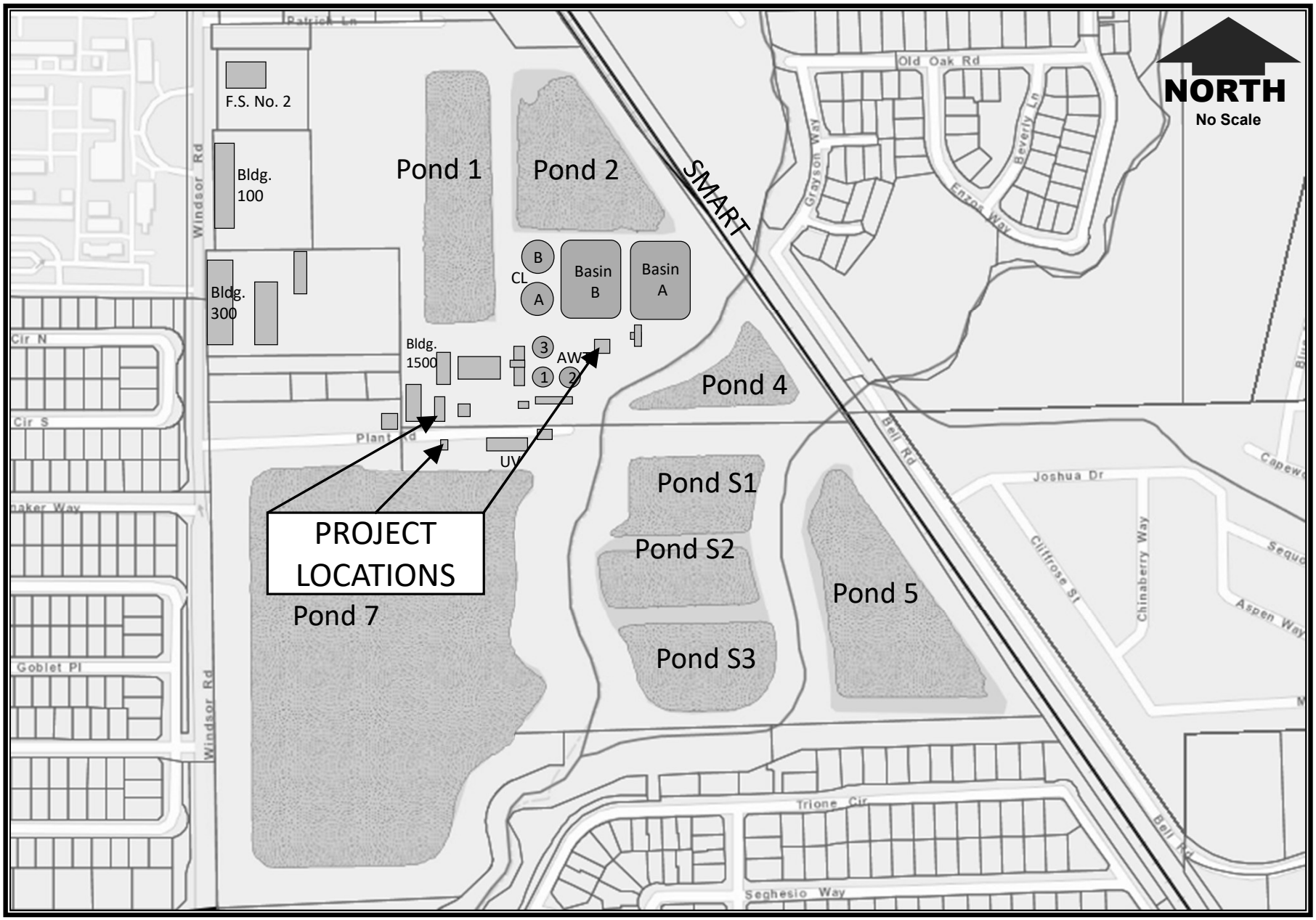
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES** **( )**
**NO** **( X )**

**General Plan Consistency:**
The project is consistent with General Plan Public Facilities and Services Policy PFS-3.1: The Town shall provide sufficient wastewater conveyance, storage, and pumping capacity for peak sewer flows and infiltration, and Policy PFS-1.7: The Town shall give high priority in capital improvement programming to funding rehabilitation or replacement of critical infrastructure that has reached the end of its useful life or has capacity constraints.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design/Environmental | | - | - | - | - | - | - | $ - |
| | Construction | | - | - | - | - | - | - | $ - |
| | Construction Engineering | | - | 250,000 | - | - | - | - | $ 250,000 |
| | Project Management | | - | - | - | - | - | - | $ - |
| | Legal Services/Admin | | - | - | - | - | - | - | $ - |
| | **Total** | $ - | $ - | $ 250,000 | $ - | $ - | $ - | $ - | $ 250,000 |
| **Funding Sources:** | WR Capital | - | - | 200,000 | - | - | - | - | $ 200,000 |
| | Water Capital | | | 50,000 | | | | | |
| | **Total** | $ - | $ - | $ 250,000 | $ - | $ - | $ - | $ - | $ 250,000 |
| **Estimated O & M** | | | | | | | | | |

# Electrical Meters at the Water Reclamation Facility






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Electrical Meters at the Water Reclamation Facility**

**Project No:** 2212

**GL No:** 430-82-25-2212-4510-000

**Project Description:**
The project involves installation of remote monitoring electrical meters at several locations within the Water Reclamation Facility

**Department:**
Public Works - Water Reclamation

**Priority:**

| | |
|---|---|
| | Mandate |
| | Necessary |
| X | Desirable |

**Justification:**
The Water Reclamtion Facility (WRF) operates through one PG&E electrical meter. The floating solar array directly feeds the WRF behind the main meter and there is currently no way to individually monitor the separate motor control centers and processes to evaluate energy savings opportunities and to troubleshoot motor overload problems.

**Appropriations beyond the 5 year program period are needed to complete project:**

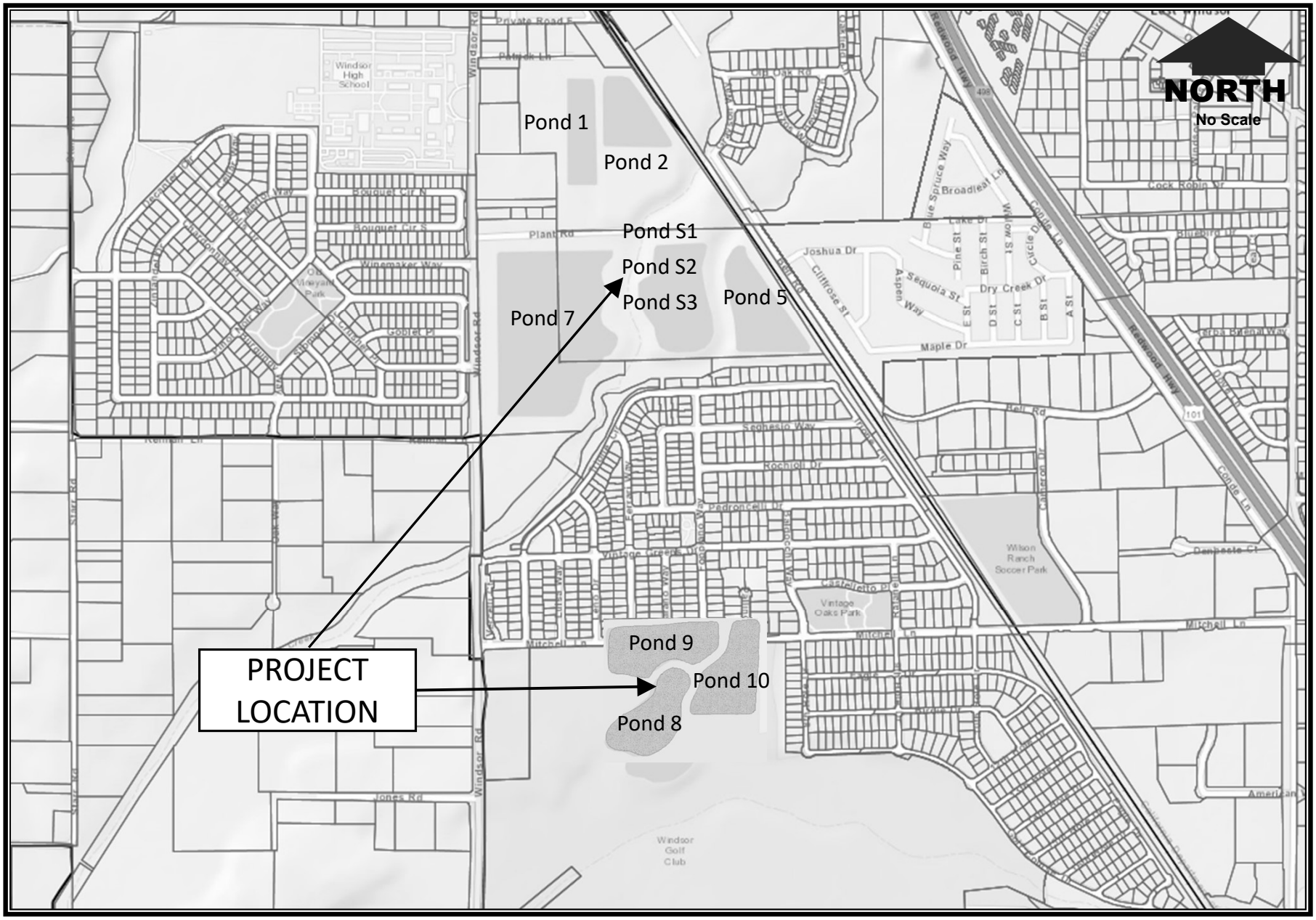
**YES** **( )**

**NO** **( X )**

**General Plan Consistency:**
The project is consistent with General Plan Public Facilities and Services Policy PFS-3.1: The Town shall provide sufficient wastewater conveyance, storage, and pumping capacity for peak sewer flows and infiltration, and Policy ER-5.5: The Town shall continue to assess and monitor performance of greenhouse gas emissions (GHG) reduction efforts beyond the AB 32 designated 2020 goal, including progress towards meeting long-term GHG emissions reduction goals for 2030 (consistent with SB 32) and 2050, as well as the effects of climate change and associated levels of risk, in order to plan a community that is resilient and can adapt to changing

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design/Environmental | | - | - | - | - | - | - | $ - |
| | Construction | | - | 50,000 | 50,000 | - | - | - | $ 100,000 |
| | Construction Engineering | | - | - | - | - | - | - | $ - |
| | Project Management | | - | - | - | - | - | - | $ - |
| | Legal Services/Admin | | - | - | - | - | - | - | $ - |
| | **Total** | $ - | $ - | $ 50,000 | $ 50,000 | $ - | $ - | $ - | $ 100,000 |
| **Funding Sources:** | WR Capital | - | - | 50,000 | 50,000 | - | - | - | $ 100,000 |
| | **Total** | $ - | $ - | $ 50,000 | $ 50,000 | $ - | $ - | $ - | $ 100,000 |
| **Estimated O & M** | | | | | | | | | |

# Storage Pond Berm Repair






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Storage Pond Berm Repair**

**Project No:** 2213

**GL No:** 430-82-25-2213-4510-000

**Project Description:**
This project incluces earthwork repairs as identified, applicable to all earthen ponds used for recycled water and high flow storage.

**Department:**
Public Works - Water Reclamation

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
Due to aging infrastructure, berm failures are becoming increasingly common with the Town's water storage ponds. Since 2019, the Town has identified and repaired a total three berms, on two separate storage ponds. Funds within this project are to be used for emergency repair and preventative maintenance as appropriate.

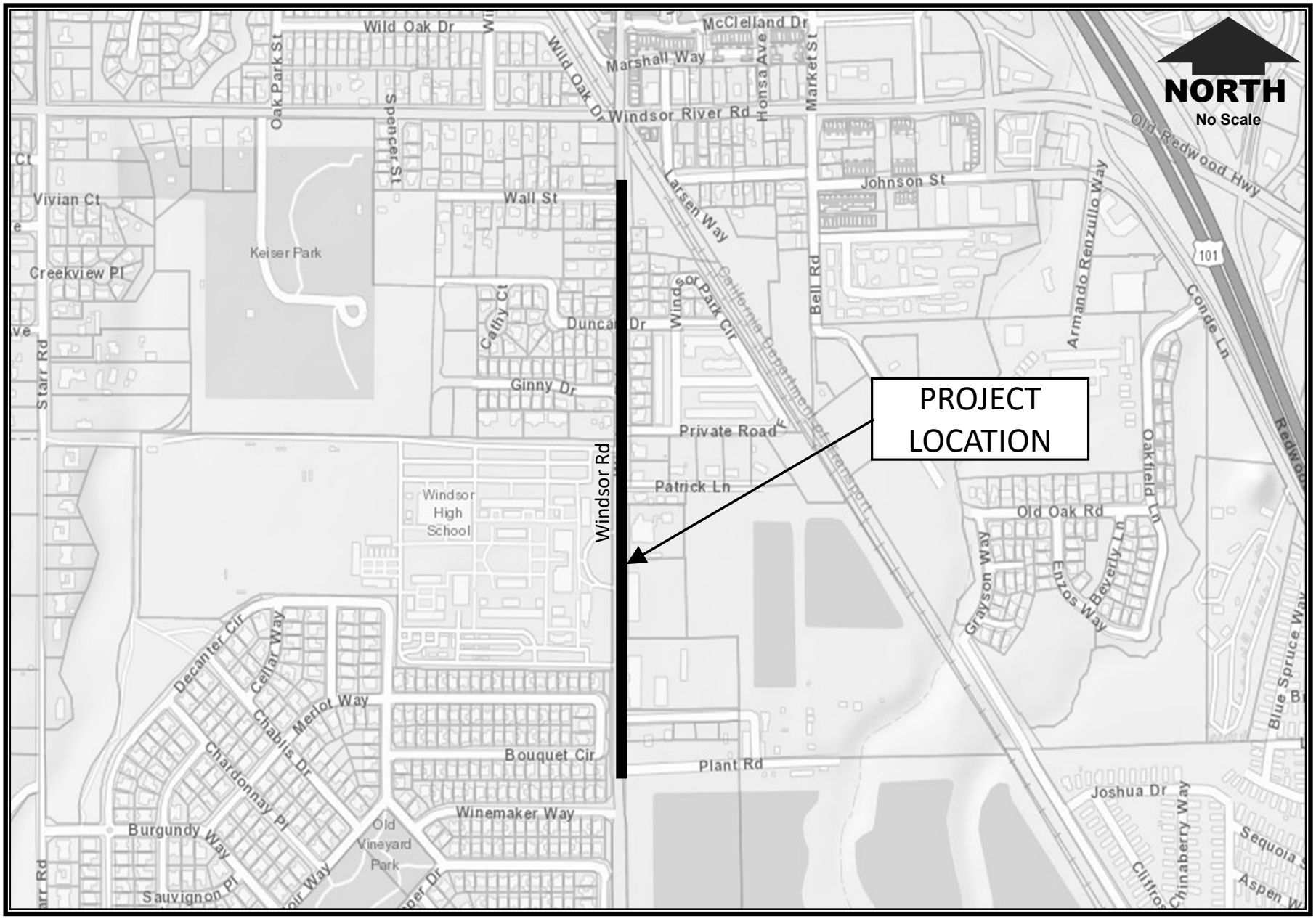
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES (X)**
**NO ( )**

**General Plan Consistency:**
The project is consistent with General Plan Public Facilities and Services Policy PFS-3.1: The Town shall provide sufficient wastewater conveyance, storage, and pumping capacity for peak sewer flows and infiltration, and Policy PFS-1.7: The Town shall give high priority in capital improvement programming to funding rehabilitation or replacement of critical infrastructure that has reached the end of its useful life or has capacity constraints.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design/Environmental | - | - | | 20,000 | 20,000 | 20,000 | 20,000 | 20,000 | $ 100,000 |
| | Construction | - | - | | 50,000 | 50,000 | 100,000 | 100,000 | 100,000 | $ 400,000 |
| | Construction Engineering | - | - | | - | - | - | - | - | $ - |
| | Project Management | - | - | | - | - | - | - | - | $ - |
| | Legal Services/Admin | - | - | | - | - | - | - | - | $ - |
| | **Total** | $ - | $ - | | $ 70,000 | $ 70,000 | $ 120,000 | $ 120,000 | $ 120,000 | $ 500,000 |
| **Funding Sources:** | WR Capital | - | - | | 70,000 | 70,000 | 120,000 | 120,000 | 120,000 | $ 500,000 |
| | **Total** | $ - | $ - | | $ 70,000 | $ 70,000 | $ 120,000 | $ 120,000 | $ 120,000 | $ 500,000 |
| **Estimated O & M** | | | | | | | | | | |

# SS-1 Windsor River Road to Water Reclamation Facility






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**SS-1 Windsor River Road to Water Reclamation Facility**

**Project No:** 2304

**GL No:** 430-82-25-2304-4510-000

**Project Description:**
This project includes upsizing of approximately 0.45 miles of sewer and replacing approximately twelve manholes in Windsor Road to the Water Reclamation Facility.

**Department:**
Public Works - Water Reclamation

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
The 10 and 15-inch gravity sewers in Windsor Road is significantly undersized to handle flows associated from large storm events. The 2020 Collection System Master Plan identified this section as the most critical deficiency in the Town's trunk sewer system.

**Appropriations beyond the 5 year program period are needed to complete project:**

**YES** **( )**
**NO** **( X )**

**General Plan Consistency:**
The project is consistent with General Plan Public Facilities and Services Policy PFS-3.1: The Town shall provide sufficient wastewater conveyance, storage, and pumping capacity for peak sewer flows and infiltration, and Policy PFS-1.7: The Town shall give high priority in capital improvement programming to funding rehabilitation or replacement of critical infrastructure that has reached the end of its useful life or has capacity constraints; and PFS-3.8: The Town shall maintain and implement a Sewer System Management Plan (SSMP), which will serve as a reference and guidelines for the Town's sanitary sewer system

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design/Environmental | - | - | | - | 850,000 | - | - | - | 850,000 |
| | Construction | - | - | | - | - | 3,931,000 | - | - | 3,931,000 |
| | Construction Engineering | - | - | | - | - | - | - | - | - |
| | Project Management | - | - | | - | - | - | - | - | - |
| | Legal Services/Admin | - | - | | - | - | - | - | - | - |
| | **Total** | $ - | $ - | | $ - | $ 850,000 | $ 3,931,000 | $ - | $ - | $ 4,781,000 |
| **Funding Sources:** | WR Capital | - | - | | - | 850,000 | 3,931,000 | - | - | 4,781,000 |
| | | | | | | | | | | - |
| | **Total** | $ - | $ - | | $ - | $ 850,000 | $ 3,931,000 | $ - | $ - | $ 4,781,000 |
| **Estimated O & M:** | | | | | | | | | | |

# SS-3 Hembree Lane



# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**SS-3 Hembree Lane**

**Project No:** 2305

**GL No:** 430-82-25-2305-4510-000

**Project Description:**
This project includes upsizing of approximately 0.18 miles of six-inch gravity sewer and replacing approximately five manholes in Hembree Lane from Shannon Way to Billington Lane.

**Department:**
Public Works - Water Reclamation

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
This gravity sewer in Hembree Lane is significantly undersized to handle flows associated from large storm events. The 2020 Collection System Master Plan identified this section as a high priority deficiency in the Town's trunk sewer system.

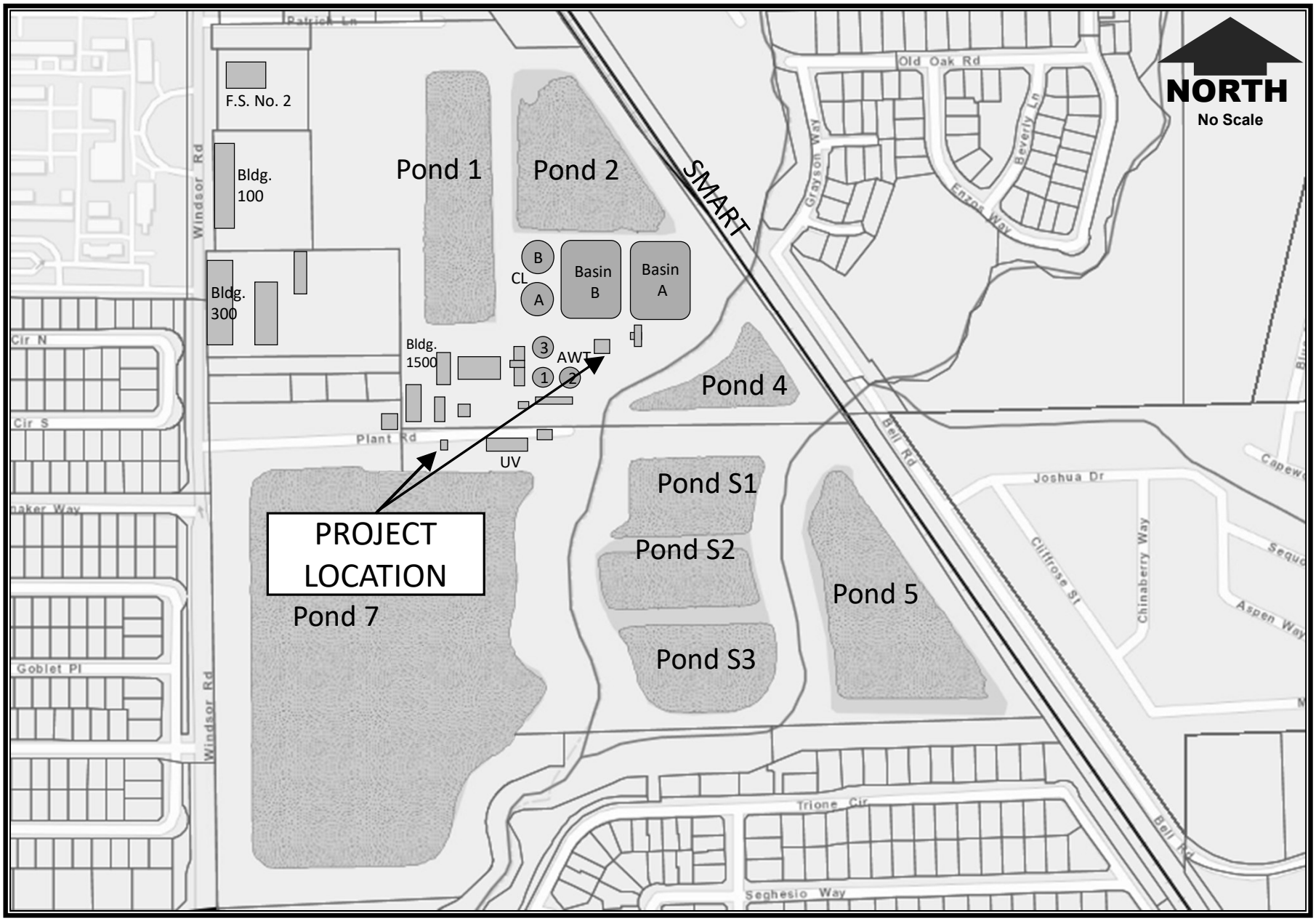
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES** **( )**
**NO** **( X )**

**General Plan Consistency:**
The project is consistent with General Plan Public Facilities and Services Policy PFS-3.1: The Town shall provide sufficient wastewater conveyance, storage, and pumping capacity for peak sewer flows and infiltration, and Policy PFS-1.7: The Town shall give high priority in capital improvement programming to funding rehabilitation or replacement of critical infrastructure that has reached the end of its useful life or has capacity constraints; and PFS-3.8: The Town shall maintain and implement a Sewer System Management Plan (SSMP), which will serve as a reference and guidelines for the Town's sanitary sewer system

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design/Environmental | - | - | | - | - | - | - | - | - |
| | Construction | - | - | | - | - | - | - | - | - |
| | Construction Engineering | - | - | | - | - | - | - | - | - |
| | Project Management | - | - | | - | 222,000 | 1,035,000 | - | - | 1,257,000 |
| | Legal Services/Admin | - | - | | - | - | - | - | - | - |
| | **Total** | $ - | $ - | | $ - | $ 222,000 | $ 1,035,000 | $ - | $ - | $ 1,257,000 |
| **Funding Sources:** | WR Capital | - | - | | - | 222,000 | 1,035,000 | - | - | 1,257,000 |
| | | | | | | | | | | - |
| | **Total** | $ - | $ - | | $ - | $ 222,000 | $ 1,035,000 | $ - | $ - | $ 1,257,000 |
| **Estimated O & M:** | | | | | | | | | | |

# Emergency Generators at the Water Reclamation Facility






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Emergency Generators at the Water Reclamation Facility**

**Project No:** New

**GL No:** 430-82-25-xxxx-4510-000

**Project Description:**
The project includes the purchase of emergency generators to supply power to the blower facility and the effluent pump station at the Water Reclamation Facility (WRF) during power losses. The project also includes installation of a standby power transfer switch at the effluent pump station.

**Department:**
Public Works - Water Reclamation

**Priority:**

| | |
|---|---|
| | **Mandate** |
| | **Necessary** |
| X | **Desirable** |

**Justification:**
The current WRF emergency generator is not adequately sized to operate the entire WRF during a power outage. Specifically, the generator does not provide emergency power to the blower building nor to the effluent pump station. With expected increases in pre-planned power shutdowns by the utility company, full-plant emergency power is desired. The biology in the aeration basins cannot be sustained long without operation of the blowers. In addition, during large storm events, when unplanned power outages are most common, the ability to discharge treated water via the effluent pump station is crucial.

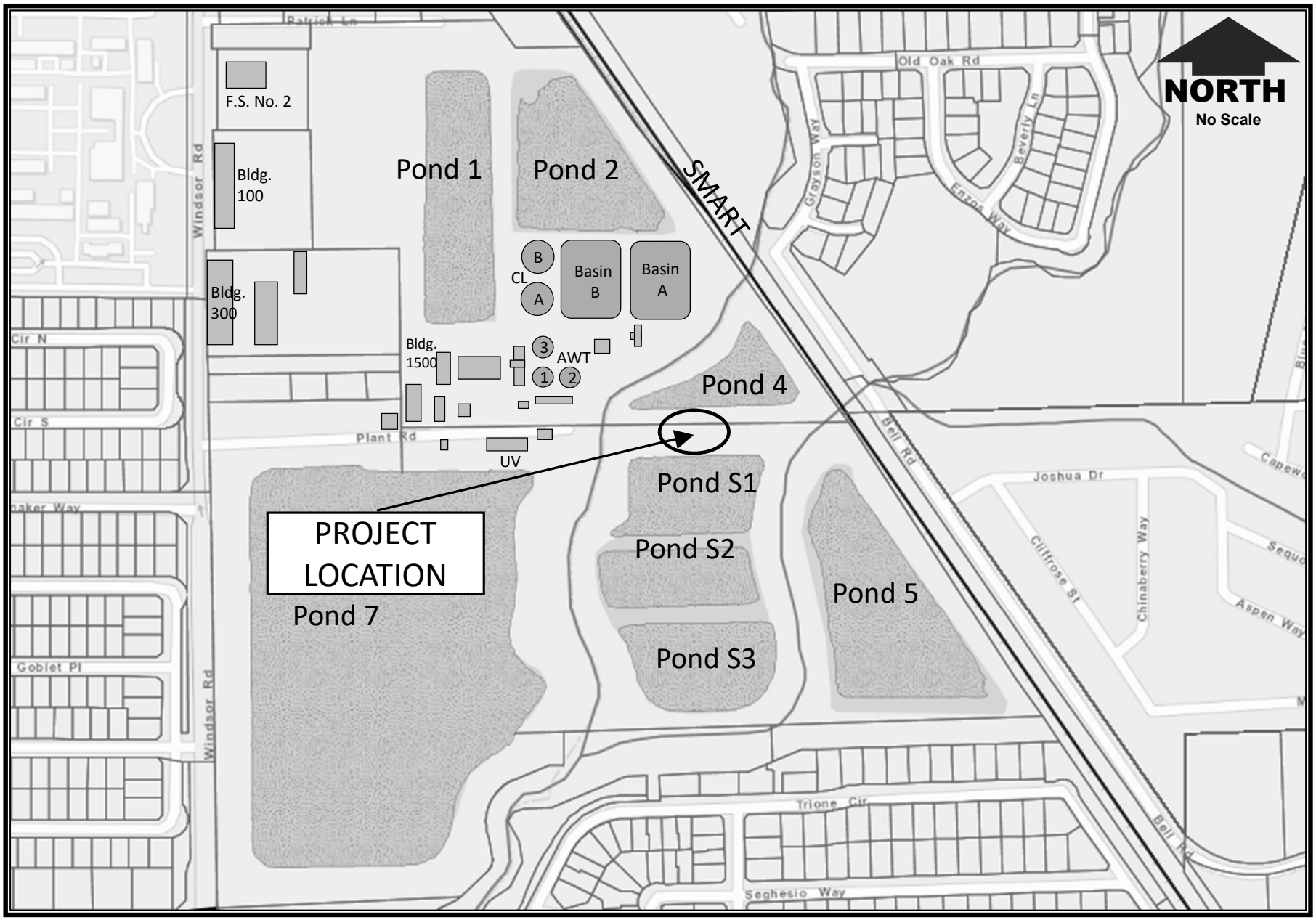
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES** ( )
**NO** ( X )

**General Plan Consistency:**
The project is consistent with General Plan Public Facilities and Services Policy PFS-3.1: The Town shall provide sufficient wastewater conveyance, storage, and pumping capacity for peak sewer flows and infiltration. In addition the project is consistent with Public Heath and Safety Policy PHS-1.2 The Town shall ensure that emergency response facilities and infrastructure are located to avoid hazardous areas and designed to remain functional following a major natural or human-made disaster. When the location of emergency response facilities and infrastructure in such areas cannot be avoided, effective measures should be implemented to

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design/Environmental | - | - | - | - | 27,000 | - | - | $ 27,000 |
| | Construction | - | - | - | - | 772,000 | - | - | $ 772,000 |
| | Construction Engineering | - | - | - | - | 7,000 | - | - | $ 7,000 |
| | Project Management | - | - | - | - | - | - | - | $ - |
| | Legal Services/Admin | - | - | - | - | - | - | - | $ - |
| | **Total** | $ - | $ - | $ - | $ - | $ 806,000 | $ - | $ - | $ 806,000 |
| **Funding Sources:** | WR Capital | - | - | - | - | 806,000 | - | - | $ 806,000 |
| | **Total** | $ - | $ - | $ - | $ - | $ 806,000 | $ - | $ - | $ 806,000 |
| **Estimated O & M** | | | | | | | | | |

# Biosolids Handling Facility






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Biosolids Handling Facility**

**Project No:** New

**GL No:** 430-82-25-xxxx-4510-000

**Project Description:**
This project includes design and construction of a biosolids handling and processing facility at the Water Reclamation Facility (WRF). The facility includes sludge dewatering and sludge drying to avoid the hauling of Class B biosolids. This facility would convey, thicken, dewater, and dry biosolids to meet the criteria of exceptional quality Class A, with nearly unlimited disposal and consumer / customer direct re-use options. The project may include further pyrolysis to effectively eliminate hauling.

**Department:**
Public Works - Water Reclamation

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
Recent legislation related greenhouse gas reductions has severely limited the options and opportunities to continue the current practice of hauling and disposing Class B biosolids. Diminishing disposal options has also created increasing costs. An on-site biosolids processing facility would eliminate the need for any outside contractor to dredge and dewater (currently required) as well as provide more options for local disposal. Sludge drying would greatly reduce the truckloads by up to 80%. Direct processing of biosolids would also greatly reduce onsite greenhouse gas emissions from the surface of the sludge ponds. Increasing distance and demand for Class B disposal sites, an associated increases in cost, make a biosolids processing facility favorable.

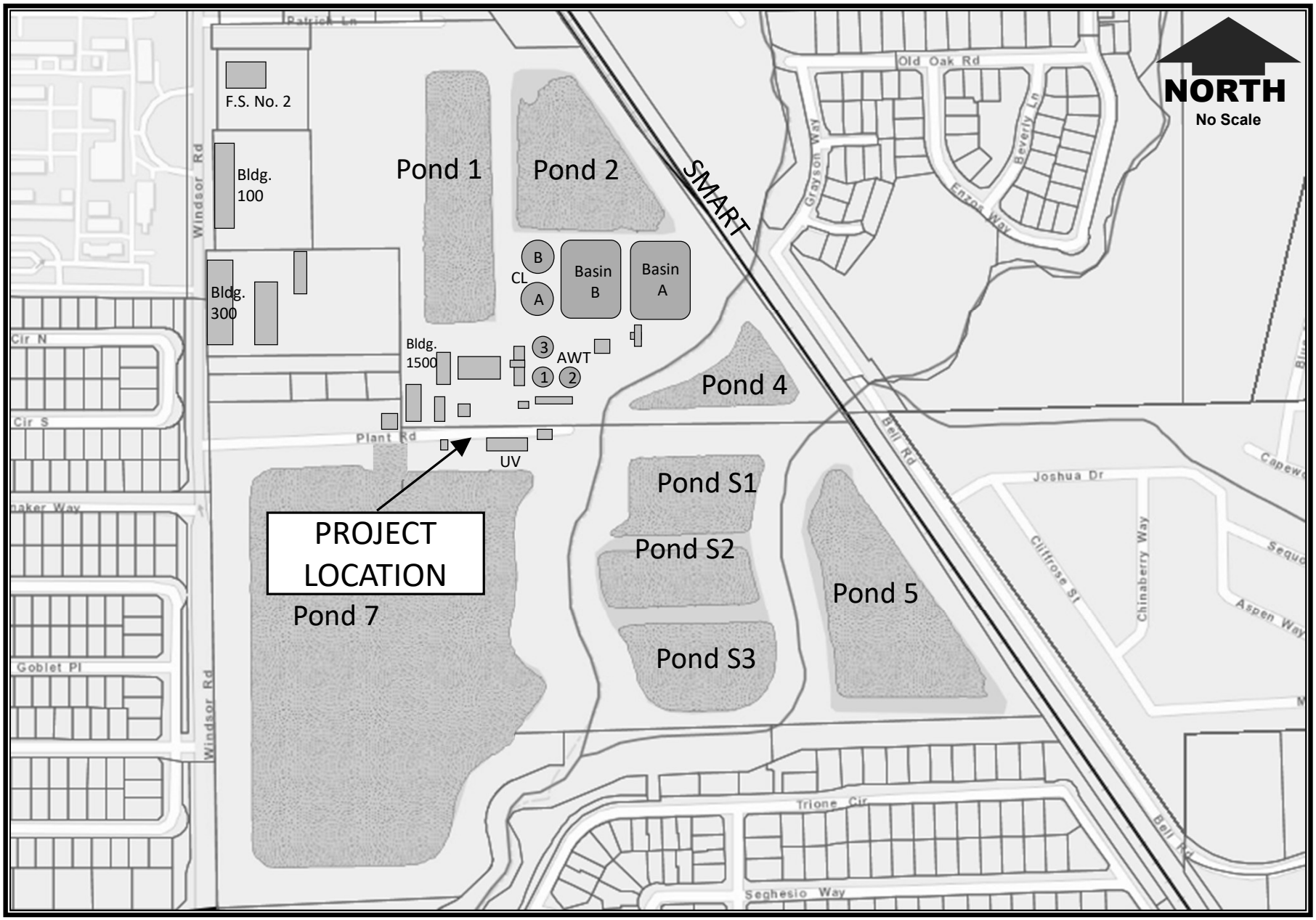
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
The project is consistent with General Plan Public Facilities and Services PFS-3.4 The Town shall continue to monitor wastewater treatment capacity to ensure compliance with the Town's NPDES waste discharge permit and to provide sufficient treatment capacity for new development, and Policy PFS-1.5:The Town shall serve as a role model to businesses and institutions regarding purchasing decisions that minimize the generation of waste, recycling programs that reduce waste, energy efficiency and conservation practices that reduce

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design/Environmental | - | - | | - | - | 500,000 | - | - | $ 500,000 |
| | Construction | - | - | | - | - | - | 29,350,000 | - | $ 29,350,000 |
| | Construction Engineering | - | - | | - | - | - | - | - | $ - |
| | Project Management | - | - | | - | - | - | - | - | $ - |
| | Legal Services/Admin | - | - | | - | - | - | - | - | $ - |
| | **Total** | $ - | $ - | | $ - | $ - | $ 500,000 | $ 29,350,000 | $ - | $ 29,850,000 |
| **Funding Sources:** | WR Capital | - | - | | - | - | 500,000 | 29,350,000 | - | $ 29,850,000 |
| | **Total** | $ - | $ - | | $ - | $ - | $ 500,000 | $ 29,350,000 | $ - | $ 29,850,000 |
| **Estimated O & M** | | | | | | | | | | |

# Main Switchboard Replacement at Water Reclamation Facility






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Main Switchboard Replacement at Water Reclamation Facility**

**Project No:** New

**GL No:** 430-82-25-xxxx-4510-000

**Project Description:**
The Project includes replacing aged components of the Water Reclamation Facilities (WRF) Main Power Switchboard. The project also includes an upgrade to allow all plant facilities to be powered by the emergency diesel generator. This project should be phased with the aeration basin project.

**Department:**
Public Works - Water Reclamation

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
The Water Reclamation Plant Modernization Study identified the need to replace aging components of the main power switchboard which distributes utility power to all locations of the WRF.

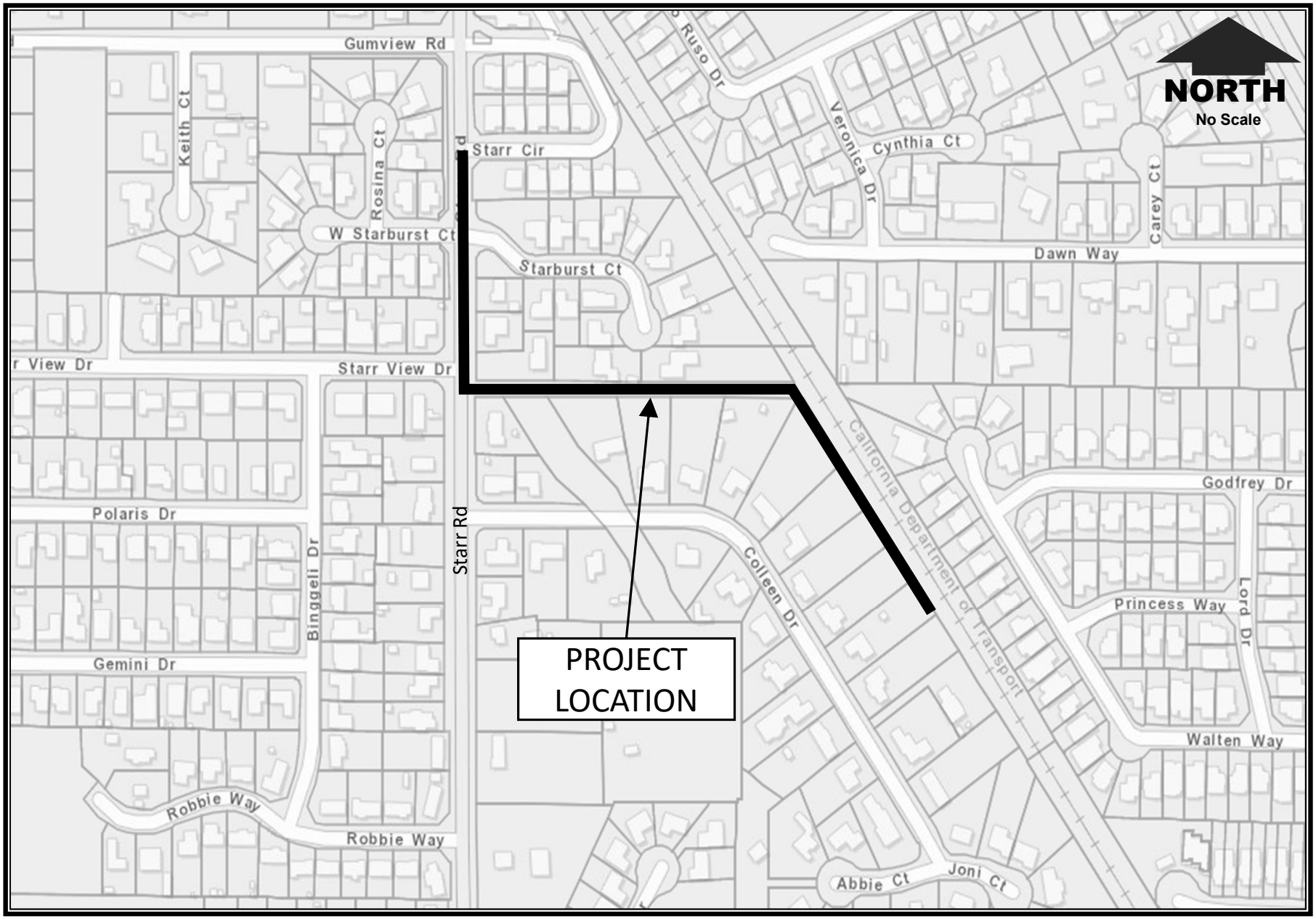
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES** ( )
**NO** ( X )

**General Plan Consistency:**
The project is consistent with General Plan Public Facilities and Services Policy PFS-3.1: The Town shall provide sufficient wastewater conveyance, storage, and pumping capacity for peak sewer flows and infiltration, and Policy PFS-1.7: The Town shall give high priority in capital improvement programming to funding rehabilitation or replacement of critical infrastructure that has reached the end of its useful life or has capacity constraints.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design/Environmental | - | - | - | - | 183,000 | - | - | $ 183,000 |
| | Construction | - | - | - | - | - | 500,000 | - | $ 500,000 |
| | Construction Engineering | - | - | - | - | - | | - | $ - |
| | Project Management | - | - | - | - | - | - | - | $ - |
| | Legal Services/Admin | - | - | - | - | - | - | - | $ - |
| | **Total** | $ - | $ - | $ - | $ - | $ 183,000 | $ 500,000 | $ - | $ 683,000 |
| **Funding Sources:** | WR Capital | - | - | - | - | 183,000 | 500,000 | - | $ 683,000 |
| | **Total** | $ - | $ - | $ - | $ - | $ 183,000 | $ 500,000 | $ - | $ 683,000 |
| **Estimated O & M** | | | | | | | | | |

# SS-2 Starr Road






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**SS-2 Starr Road**

**Project No:** New

**GL No:** 430-82-25-xxxx-4510-000

**Project Description:**
This project includes upsizing of approximately 0.34 miles 10-inch diameter gravity sewers along Starr Road, between Starr Road and the SMART railway, and along the railway. The project also includes replacing approximately eight manholes.

**Department:**
Public Works - Water Reclamation

**Priority:**

| | |
|---|---|
| | **Mandate** |
| X | **Necessary** |
| | **Desirable** |

**Justification:**
This gravity sewer between Starr Circle to the SMART railway is significantly undersized to handle flows associated from large storm events. The 2020 Collection System Master Plan identified this section as a high priority deficiency in the Town's trunk sewer system.

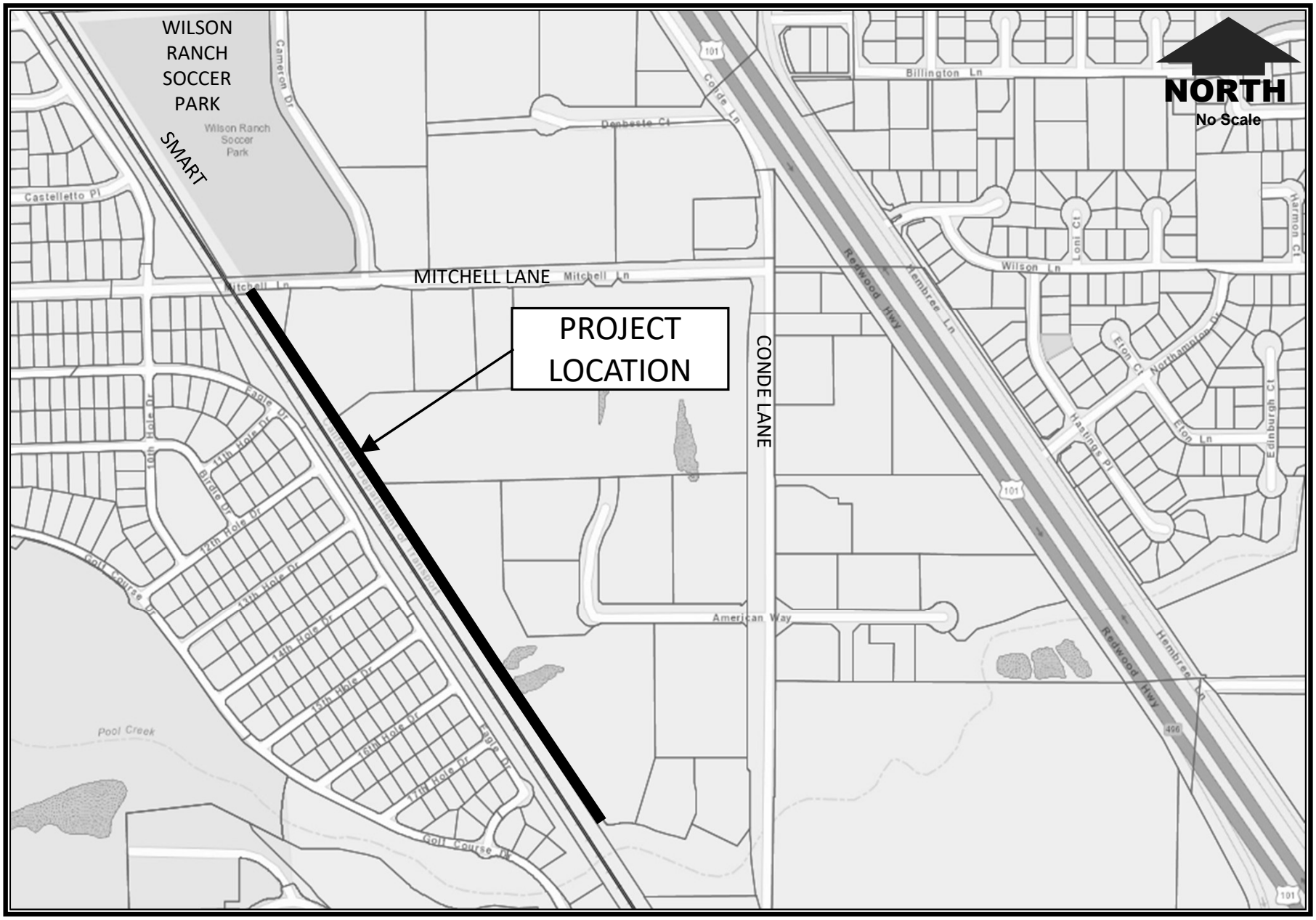
**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
The project is consistent with General Plan Public Facilities and Services Policy PFS-3.1: The Town shall provide sufficient wastewater conveyance, storage, and pumping capacity for peak sewer flows and infiltration, and Policy PFS-1.7: The Town shall give high priority in capital improvement programming to funding rehabilitation or replacement of critical infrastructure that has reached the end of its useful life or has capacity constraints.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design/Environmental | - | - | | - | - | - | 571,000 | - | $ 571,000 |
| | Construction | - | - | | - | - | - | - | - | $ - |
| | Construction Engineering | - | - | | - | - | - | - | 2,588,000 | $ 2,588,000 |
| | Project Management | - | - | | - | - | - | - | - | $ - |
| | Legal Services/Admin | - | - | | - | - | - | - | - | $ - |
| | **Total** | $ - | $ - | | $ - | $ - | $ - | $ 571,000 | $ 2,588,000 | $ 3,159,000 |
| **Funding Sources:** | WR Capital | - | - | | - | - | - | 571,000 | 2,588,000 | 3,159,000 |
| | | | | | | | | | | - |
| | **Total** | $ - | $ - | | $ - | $ - | $ - | $ 571,000 | $ 2,588,000 | $ 3,159,000 |
| **Estimated O & M:** | | | | | | | | | | |

# Conde Business Park Sewer Easement Access Road






TOWN OF WINDSOR

# Town of Windsor
## Five Year Capital Improvement Program
## Project Detail Form

**Project Name:**
**Conde Business Park Sewer Easement Access Road Resurfacing**

**Project No:** 2182

**GL No:** 430-82-25-2182-4510-000

**Project Description:**
The project involves construction of a 2000-foot sewer manhole access gravel road along the east side of the SMART railroad tracks between American Lane and Mitchell Way.

**Department:**
Public Works - Water Reclamation

**Priority:**

| | |
|---|---|
| | Mandate |
| | Necessary |
| X | Desirable |

**Justification:**
Town Staff currently has limited access to the 24-inch sewer main that runs through undeveloped property along the east side of the SMART railroad tracks between Shiloh Road and Mitchell Way. There are currently five sewer manholes that are difficult to reach with trailer-mounted equipment. During wet periods, access is even more limited with swampy field conditions. This project would construct a gravel road, capable of providing access for the vactor truck to service the sewer main.

**Appropriations beyond the 5 year program period are needed to complete project:**

**YES ( )**
**NO ( X )**

**General Plan Consistency:**
The project is consistent with General Plan Public Facilities and Services Policy PFS-3.1: The Town shall provide sufficient wastewater conveyance, storage, and pumping capacity for peak sewer flows and infiltration.

| | Item | Budget FY 20-21 | Est Expend FY 20-21 | | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FY 25-26 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| **Project Costs:** | Design/Environmental | - | - | | - | - | - | - | 18,000 | $ 18,000 |
| | Construction | - | - | | - | - | - | - | 120,000 | $ 120,000 |
| | Construction Engineering | - | - | | - | - | - | - | 10,000 | $ 10,000 |
| | Project Management | - | - | | - | - | - | - | 10,000 | $ 10,000 |
| | Legal Services/Admin | - | - | | - | - | - | - | - | $ - |
| | **Total** | $ - | $ - | | $ - | $ - | $ - | $ - | $ 158,000 | $ 158,000 |
| **Funding Sources:** | WR Capital | - | - | | - | - | - | - | 158,000 | $ 158,000 |
| | | | | | | | | | | $ - |
| | **Total** | $ - | $ - | | $ - | $ - | $ - | $ - | $ 158,000 | $ 158,000 |
| **Estimated O & M** | | | | | | | | | | |

This Page Intentionally Blank

# FINANCIAL SUMMARIES
# BY FUND

TOWN OF
WINDSOR

This Page Intentionally Blank

# CAPITAL IMPROVEMENT PROGRAM
## FUND APPROPRIATIONS
## SUMMARY

| | 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 2025-2026 | Total |
|---|---|---|---|---|---|---|
| Drainage Mitigation Fund | 3,037,000 | 361,000 | 797,000 | 3,890,000 | 483,000 | **$ 8,568,000** |
| Transportation Grant Fund | 9,655,226 | 250,000 | 886,000 | 4,740,000 | 5,354,000 | **$ 20,885,226** |
| Gas Tax Fund | 550,000 | 550,000 | 460,000 | 460,000 | 460,000 | **$ 2,480,000** |
| General Fund | 503,500 | 187,500 | 5,802,000 | 28,322,500 | 1,724,000 | **$ 36,539,500** |
| Grants Fund | 177,000 | - | - | 1,150,000 | - | **$ 1,327,000** |
| Park Development Fund | 953,000 | 1,325,000 | 694,500 | 518,000 | 690,000 | **$ 4,180,500** |
| Measure M Parks Fund | 80,000 | - | - | 250,000 | - | **$ 330,000** |
| Traffic Mitigation Fund | 1,105,000 | - | 150,000 | 621,000 | 2,449,000 | **$ 4,325,000** |
| Utilities Fund - Water Capital | 1,598,000 | 1,512,000 | 1,081,000 | 1,383,000 | 2,812,000 | **$ 8,386,000** |
| Utilities Fund - Water Reclamation Capital Fund | 6,340,000 | 4,692,000 | 38,613,000 | 30,541,000 | 2,866,000 | **$ 83,052,000** |
| Community Development & Block Grant Fund | 62,000 | - | - | - | - | **$ 62,000** |
| Capital Replacement Fund | 405,000 | - | 780,000 | - | - | **$ 1,185,000** |
| **TOTAL APPROPRIATIONS** | **$ 24,465,726** | **$ 8,877,500** | **$ 49,263,500** | **$ 71,875,500** | **$ 16,838,000** | **$ 171,320,226** |

## SCHEDULE DESCRIBING
## OTHER FINANCING SOURCES AND USES - CAPITAL IMPROVEMENTS
**(Provides detail for information summarized on "Change in fund Balance" Form)**

## DRAINAGE MITIGATION FUND

| | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 2025-2026 |
|---|---|---|---|---|---|---|
| **Other financing sources** | | | | | | |
| Additional Unidentified Funds | - | - | - | 135,000 | 3,800,000 | 400,000 |
| | | | | | | |
| **Total** | $ - | $ - | $ - | $ 135,000 | $ 3,800,000 | $ 400,000 |
| **Capital Improvements:** | | | | | | |
| Old Redwood Highway at Dawn Way Drainage Improvements | - | 1,046,000 | - | - | - | - |
| Shiloh Road at Caletti Avenue Drainage Improvements | - | 47,000 | 215,000 | - | - | - |
| Hall Park Detention Basin | - | 1,944,000 | - | - | - | - |
| Shiloh Road/Pruitt Creek Twin Culvert Erosion Control | - | - | 77,000 | 92,000 | - | - |
| Windsor Creek Flood Control Project | - | - | 69,000 | 417,000 | 2,562,000 | - |
| Starr Creek Tributary #5 South of Arata Lane Drainage Improvements | - | - | - | 288,000 | 1,328,000 | - |
| Old Redwood Highway and Pleasant Avenue Drainage Improvements | - | - | - | - | - | 383,000 |
| Trash Interceptors | - | - | - | - | - | 100,000 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| **Total** | $ - | $ 3,037,000 | $ 361,000 | $ 797,000 | $ 3,890,000 | $ 483,000 |
| **Other financing uses** | | | | | | |
| Transfer Out | - | - | - | - | - | - |
| | | | | | | |
| **Total** | $ - | $ - | $ - | $ - | $ - | $ - |

## DRAINAGE MITIGATION FUND

**CHANGE IN FUND BALANCE**
**5 - YEAR CIP PROJECTION**

| | EST AS OF 6/30/2021 | FIVE YEAR PLAN 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 2025-2026 |
|---|---|---|---|---|---|---|
| Sources of Funds | | | | | | |
| Beginning Fund Balance | $ 3,649,963 | $ 3,788,423 | $ 842,423 | $ 573,423 | $ 2,863 | $ 3,727 |
| Impact fee revenue | 268,960 | 75,000 | 75,000 | 75,000 | 75,000 | 75,000 |
| Other revenue | - | - | - | - | - | - |
| Interest | 55,000 | 60,000 | 60,000 | 60,300 | 60,602 | 60,905 |
| Other financing sources | - | - | - | 135,000 | 3,800,000 | 400,000 |
| Estimated Funds Available | $ 3,973,923 | $ 3,923,423 | $ 977,423 | $ 843,723 | $ 3,938,465 | $ 539,632 |
| Uses of Funds | | | | | | |
| For maintenance and operations | 185,500 | 44,000 | 43,000 | 43,860 | 44,737 | 45,632 |
| For debt service | - | - | - | - | - | - |
| For capital improvements | - | 3,037,000 | 361,000 | 797,000 | 3,890,000 | 483,000 |
| Other financing uses | - | - | - | - | - | - |
| Total Uses of Funds | $ 185,500 | $ 3,081,000 | $ 404,000 | $ 840,860 | $ 3,934,737 | $ 528,632 |
| Ending Fund Balance | $ 3,788,423 | $ 842,423 | $ 573,423 | $ 2,863 | $ 3,727 | $ 11,000 |

## SCHEDULE DESCRIBING
## OTHER FINANCING SOURCES AND USES - CAPITAL IMPROVEMENTS
**(Provides detail for information summarized on "Change in fund Balance" Form)**

### TRANSPORTATION GRANT FUND

| | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 2025-2026 |
|---|---|---|---|---|---|---|
| **Other financing sources** | | | | | | |
| Grants (Measure M) | 239,380 | 246,784 | 254,188 | 250,000 | 250,000 | 250,000 |
| Grants (OBAG-CMAQ) | - | 3,000,000 | - | - | - | - |
| Grants (LLP) | - | 2,842,000 | - | - | - | - |
| Grants (Other) | - | - | - | 636,000 | 4,490,000 | 5,104,000 |
| Bond Proceeds | 600,000 | 3,100,000 | - | - | - | - |
| | | | | | | |
| **Total** | $ 839,380 | $ 9,188,784 | $ 254,188 | $ 886,000 | $ 4,740,000 | $ 5,354,000 |
| **Capital Improvements:** | | | | | | |
| FY 2021-2023 Town Wide Street Resurfacing | - | 410,000 | 250,000 | - | - | - |
| Windsor River Road/Windsor Road Intersection Improvements | 4,400 | 8,906,626 | - | - | - | - |
| Crosswalk Enhancements at Starr Road and Stellar Lane | - | 98,000 | - | - | - | - |
| Faught Creek Trail Improvements from Victory Lane to Old Redwood Highway | - | - | - | 116,000 | - | - |
| Crosswalk Enhancement at Brooks Road South at Natalie Drive | - | 240,600 | - | - | - | - |
| Downtown Pedestrian & Bicycle Crossing of US 101 Phase 1 | - | - | - | - | - | 5,104,000 |
| East Windsor Creek Trail and Pedestrian Bridge | - | - | - | - | 300,000 | - |
| Jaguar Way Extension from Windsor Road to Starr Road | - | - | - | 520,000 | 4,190,000 | - |
| FY 2023-2026 Town Wide Street Resurfacing | - | - | - | 250,000 | 250,000 | 250,000 |
| | | | | | | |
| | | | | | | |
| **Total** | $ 4,400 | $ 9,655,226 | $ 250,000 | $ 886,000 | $ 4,740,000 | $ 5,354,000 |
| **Other financing uses** | | | | | | |
| Transfer Out | - | - | - | - | - | - |
| | | | | | | |
| **Total** | $ - | $ - | $ - | $ - | $ - | $ - |

## TRANSPORTATION GRANT FUND

**CHANGE IN FUND BALANCE**
**5 - YEAR CIP PROJECTION**

| | EST AS OF 6/30/2021 | FIVE YEAR PLAN 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 2025-2026 |
|---|---|---|---|---|---|---|
| Sources of Funds | | | | | | |
| Beginning Fund Balance | $ 209,492 | $ 501,235 | $ 42,293 | $ 53,981 | $ 61,518 | $ 69,093 |
| Impact fee revenue | - | - | - | - | - | - |
| Other revenue | - | - | - | - | - | - |
| Interest | 8,000 | 7,500 | 7,500 | 7,538 | 7,575 | 7,613 |
| Other financing sources | 839,380 | 9,188,784 | 254,188 | 886,000 | 4,740,000 | 5,354,000 |
| Estimated Funds Available | $ 1,056,872 | $ 9,697,519 | $ 303,981 | $ 947,518 | $ 4,809,093 | $ 5,430,706 |
| Uses of Funds | | | | | | |
| For maintenance and operations | 265,585 | - | - | - | - | - |
| For debt service | - | - | - | - | - | - |
| For capital improvements | 290,052 | 9,655,226 | 250,000 | 886,000 | 4,740,000 | 5,354,000 |
| Other financing uses | - | - | - | - | - | - |
| Total Uses of Funds | $ 555,637 | $ 9,655,226 | $ 250,000 | $ 886,000 | $ 4,740,000 | $ 5,354,000 |
| Ending Fund Balance | $ 501,235 | $ 42,293 | $ 53,981 | $ 61,518 | $ 69,093 | $ 76,706 |

## SCHEDULE DESCRIBING
## OTHER FINANCING SOURCES AND USES - CAPITAL IMPROVEMENTS
**(Provides detail for information summarized on "Change in fund Balance" Form)**

### GAS TAX FUND

| | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 2025-2026 |
|---|---|---|---|---|---|---|
| **Other financing sources** | | | | | | |
| Gas Tax Grant (SB1) | 509,770 | 558,294 | 574,429 | 596,831 | 618,914 | 648,622 |
| General Fund Transfer In | - | 150,000 | 150,000 | - | - | - |
| Additional Unidentified Funds | - | - | - | 205,000 | 210,000 | 195,000 |
| | | | | | | |
| **Total** | $ 509,770 | $ 708,294 | $ 724,429 | $ 801,831 | $ 828,914 | $ 843,622 |
| **Capital Improvements:** | | | | | | |
| FY 2021-2023 Town Wide Street Resurfacing | - | 550,000 | 550,000 | - | - | - |
| FY 2023-2026 Town Wide Street Resurfacing | - | - | - | 460,000 | 460,000 | 460,000 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| **Total** | $ - | $ 550,000 | $ 550,000 | $ 460,000 | $ 460,000 | $ 460,000 |
| **Other financing uses** | | | | | | |
| Transfer Out | - | - | - | - | - | - |
| **Total** | $ - | $ - | $ - | $ - | $ - | $ - |

## GAS TAX FUND

**CHANGE IN FUND BALANCE**
**5 - YEAR CIP PROJECTION**

| | EST AS OF 6/30/2021 | FIVE YEAR PLAN 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 2025-2026 |
|---|---|---|---|---|---|---|
| Sources of Funds | | | | | | |
| Beginning Fund Balance | $ 280,911 | $ 386,277 | $ 198,178 | $ 23,225 | $ 4,961 | $ 1,932 |
| Revenues | 671,038 | 737,779 | 750,431 | 761,813 | 772,504 | 781,924 |
| Other revenue | 10,000 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 |
| Interest | - | - | - | - | - | - |
| Other financing sources | 509,770 | 708,294 | 724,429 | 801,831 | 828,914 | 843,622 |
| Estimated Funds Available | $ 1,471,719 | $ 1,837,350 | $ 1,678,037 | $ 1,591,869 | $ 1,611,379 | $ 1,632,478 |
| Uses of Funds | | | | | | |
| For maintenance and operations | 960,442 | 1,089,172 | 1,104,812 | 1,126,909 | 1,149,447 | 1,172,436 |
| For debt service | - | - | - | - | - | - |
| For capital improvements | 125,000 | 550,000 | 550,000 | 460,000 | 460,000 | 460,000 |
| Other financing uses (transfers out) | - | - | - | - | - | - |
| Total Uses of Funds | $ 1,085,442 | $ 1,639,172 | $ 1,654,812 | $ 1,586,909 | $ 1,609,447 | $ 1,632,436 |
| Ending Fund Balance | $ 386,277 | $ 198,178 | $ 23,225 | $ 4,961 | $ 1,932 | $ 43 |

## SCHEDULE DESCRIBING
## OTHER FINANCING SOURCES AND USES - CAPITAL IMPROVEMENTS
**(Provides detail for information summarized on "Change in fund Balance" Form)**

## GENERAL FUND

| | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 2025-2026 |
|---|---|---|---|---|---|---|
| **Other financing sources** | | | | | | |
| Transfer In | 30,000 | 3,244,797 | 3,244,797 | - | - | - |
| Additional Unidentified Funds | - | - | - | 1,335,000 | 28,150,000 | 450,000 |
| | | | | | | |
| **Total** | $ 30,000 | $ 3,244,797 | $ 3,244,797 | $ 1,335,000 | $ 28,150,000 | $ 450,000 |
| **Capital Improvements:** | | | | | | |
| Faught Creek Trail Improvements from Victory Lane to Old Redwood Highway | - | - | - | 222,000 | - | - |
| Starr Road Sidewalk Improvements South of Starr View Drive | - | 36,000 | - | - | - | - |
| Crosswalk Enhancement at Brooks Road South at Natalie Drive | - | 30,000 | - | - | - | - |
| Shiloh Road/Old Redwood Highway Intersection | - | - | - | 560,000 | 2,300,000 | - |
| Town Wide Streetlight LED Retrofit | - | 187,500 | 187,500 | - | - | - |
| Downtown Pedestrian & Bicycle Crossing of US 101 Phase 1 | - | 250,000 | - | 1,050,000 | - | 300,000 |
| East Windsor Creek Trail and Pedestrian Bridge | - | - | - | 75,000 | 50,000 | - |
| Old Redwood Highway Bridges Replacement | - | - | - | - | 101,000 | - |
| Old Redwood Highway from Starr Road to Arata Lane Pedestrian Improvements | - | - | - | 230,000 | - | - |
| Arata Lane Interchange Phase 2C for Northbound On-Ramp | - | - | - | 205,000 | 100,000 | 250,000 |
| Safe Routes to School Crosswalk and Sidewalk Improvements | - | - | - | 200,000 | 200,000 | 200,000 |
| Class I Trails Improvements | - | - | - | 200,000 | 200,000 | 200,000 |
| Downtown Pedestrian & Bicycle Crossing of US 101 Phase 2 | - | - | - | - | 960,000 | 100,000 |
| FY 2023-2026 Town Wide Street Resurfacing | - | - | - | 490,000 | 490,000 | 490,000 |
| Clara's Garden Renovation | - | - | - | 570,000 | - | - |
| Keiser Park Improvements | - | - | - | 2,000,000 | 23,000,000 | - |
| Military (Veterans) Memorial Wall | - | - | - | - | 21,500 | 184,000 |
| Pleasant Oak Park Improvements | - | - | - | - | 900,000 | - |
| | | | | | | |
| **Total** | $ - | $ 503,500 | $ 187,500 | $ 5,802,000 | $ 28,322,500 | $ 1,724,000 |
| **Other financing uses** | | | | | | |
| Transfer Out | 2,319,542 | 3,305,916 | 2,805,439 | 2,805,439 | 2,805,439 | 2,805,439 |
| **Total** | $ 2,319,542 | $ 3,305,916 | $ 2,805,439 | $ 2,805,439 | $ 2,805,439 | $ 2,805,439 |

## GENERAL FUND

### CHANGE IN FUND BALANCE
### 5 - YEAR CIP PROJECTION

| | EST AS OF 6/30/2021 | FIVE YEAR PLAN | | | | |
|---|---|---|---|---|---|---|
| | | 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 2025-2026 |
| Sources of Funds | | | | | | |
| Beginning Fund Balance | $ 7,575,999 | $ 6,569,239 | $ 4,854,337 | $ 5,346,370 | $ 2,634 | $ 7,944 |
| Revenues | - | - | - | - | - | - |
| Other revenue | 17,979,309 | 19,545,818 | 20,681,217 | 21,334,058 | 21,993,612 | 22,698,327 |
| Interest | 175,000 | 225,000 | 227,250 | 229,523 | 231,818 | 234,136 |
| Other financing sources | 30,000 | 3,244,797 | 3,244,797 | 1,335,000 | 28,150,000 | 450,000 |
| Estimated Funds Available | $ 25,760,308 | $ 29,584,854 | $ 29,007,601 | $ 28,244,951 | $ 50,378,064 | $ 23,390,408 |
| Uses of Funds | | | | | | |
| For maintenance and operations | 16,871,527 | 20,921,102 | 20,668,292 | 19,634,877 | 19,242,180 | 18,857,336 |
| For debt service | - | - | - | - | - | - |
| For capital improvements | - | 503,500 | 187,500 | 5,802,000 | 28,322,500 | 1,724,000 |
| Other financing uses (transfers out) | 2,319,542 | 3,305,916 | 2,805,439 | 2,805,439 | 2,805,439 | 2,805,439 |
| Total Uses of Funds | $ 19,191,069 | $ 24,730,517 | $ 23,661,231 | $ 28,242,317 | $ 50,370,119 | $ 23,386,776 |
| Ending Fund Balance | $ 6,569,239 | $ 4,854,337 | $ 5,346,370 | $ 2,634 | $ 7,944 | $ 3,632 |

## SCHEDULE DESCRIBING
## OTHER FINANCING SOURCES AND USES - CAPITAL IMPROVEMENTS
**(Provides detail for information summarized on "Change in fund Balance" Form)**

## GRANTS FUND

| | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 2025-2026 |
|---|---|---|---|---|---|---|
| **Other financing sources** | | | | | | |
| Grants | - | 152,000 | - | - | 1,150,000 | - |
| Donations | - | 25,000 | - | - | - | - |
| | | | | | | |
| **Total** | $ - | $ 177,000 | $ - | $ - | $ 1,150,000 | $ - |
| **Capital Improvements:** | | | | | | |
| Pleasant Oak Park Improvements | - | - | - | - | 1,150,000 | - |
| Pickleball Courts at Hiram Lewis Park | - | 177,000 | - | - | - | - |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| **Total** | $ - | $ 177,000 | $ - | $ - | $ 1,150,000 | $ - |
| **Other financing uses** | | | | | | |
| Transfer Out | - | - | - | - | - | - |
| | | | | | | |
| | | | | | | |
| **Total** | $ - | $ - | $ - | $ - | $ - | $ - |

**GRANTS FUND**

## CHANGE IN FUND BALANCE
## 5 - YEAR CIP PROJECTION

| | EST AS OF 6/30/2021 | FIVE YEAR PLAN 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 2025-2026 |
|---|---|---|---|---|---|---|
| Sources of Funds | | | | | | |
| Beginning Fund Balance | $ - | $ - | $ - | $ - | $ - | $ - |
| Impact fee revenue | - | - | - | - | - | - |
| Other revenue | 310,000 | - | - | - | - | - |
| Interest | - | - | - | - | - | - |
| Other financing sources | - | 177,000 | - | - | 1,150,000 | - |
| Estimated Funds Available | $ 310,000 | $ 177,000 | $ - | $ - | $ 1,150,000 | $ - |
| Uses of Funds | | | | | | |
| For maintenance and operations | 310,000 | - | - | - | - | - |
| For debt service | - | - | - | - | - | - |
| For capital improvements | - | 177,000 | - | - | 1,150,000 | - |
| Other financing uses | - | - | - | - | - | - |
| Total Uses of Funds | $ 310,000 | $ 177,000 | $ - | $ - | $ 1,150,000 | $ - |
| Ending Fund Balance | $ - | $ - | $ - | $ - | $ - | $ - |

## SCHEDULE DESCRIBING
## OTHER FINANCING SOURCES AND USES - CAPITAL IMPROVEMENTS
**(Provides detail for information summarized on "Change in fund Balance" Form)**

## MEASURE M PARKS FUND

| | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 2025-2026 |
|---|---|---|---|---|---|---|
| **Other financing sources** | | | | | | |
| Donations | - | 5,000 | - | - | - | - |
| | | | | | | |
| **Total** | $ - | $ 5,000 | $ - | $ - | $ - | $ - |
| **Capital Improvements:** | | | | | | |
| Dog Park | - | 55,000 | - | - | - | - |
| Pleasant Oak Park Improvements | - | - | - | - | 250,000 | - |
| Pickleball Courts at Hiram Lewis Park | - | 25,000 | - | - | - | - |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| **Total** | $ - | $ 80,000 | $ - | $ - | $ 250,000 | $ - |
| **Other financing uses** | | | | | | |
| Transfer Out | - | - | - | - | - | - |
| | | | | | | |
| | | | | | | |
| **Total** | $ - | $ - | $ - | $ - | $ - | $ - |

**MEASURE M PARKS FUND**

## CHANGE IN FUND BALANCE
## 5 - YEAR CIP PROJECTION

| | EST AS OF 6/30/2021 | FIVE YEAR PLAN 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 2025-2026 |
|---|---|---|---|---|---|---|
| Sources of Funds | | | | | | |
| Beginning Fund Balance | $ 257,187 | $ 461,700 | $ 560,559 | $ 760,165 | $ 957,861 | $ 903,608 |
| Impact fee revenue | 269,859 | 295,094 | 295,094 | 295,094 | 295,094 | 295,094 |
| Other revenue | - | - | - | - | - | - |
| Interest | - | - | - | - | - | - |
| Other financing sources | - | 5,000 | - | - | - | - |
| Estimated Funds Available | $ 527,046 | $ 761,794 | $ 855,653 | $ 1,055,259 | $ 1,252,955 | $ 1,198,702 |
| Uses of Funds | | | | | | |
| For maintenance and operations | 65,346 | 121,235 | 95,488 | 97,398 | 99,346 | 101,333 |
| For debt service | - | - | - | - | - | - |
| For capital improvements | - | 80,000 | - | - | 250,000 | - |
| Other financing uses | - | - | - | - | - | - |
| Total Uses of Funds | $ 65,346 | $ 201,235 | $ 95,488 | $ 97,398 | $ 349,346 | $ 101,333 |
| Ending Fund Balance | $ 461,700 | $ 560,559 | $ 760,165 | $ 957,861 | $ 903,608 | $ 1,097,369 |

## SCHEDULE DESCRIBING
## OTHER FINANCING SOURCES AND USES - CAPITAL IMPROVEMENTS
**(Provides detail for information summarized on "Change in fund Balance" Form)**

## PARK DEVELOPMENT FUND

| | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 2025-2026 |
|---|---|---|---|---|---|---|
| **Other financing sources** | | | | | | |
| Grants and Donations | - | 650,000 | 900,000 | - | - | - |
| Additional Unidentified Funds | - | - | - | 655,000 | 555,000 | 725,000 |
| | | | | | | |
| **Total** | $ - | $ 650,000 | $ 900,000 | $ 655,000 | $ 555,000 | $ 725,000 |
| **Capital Improvements:** | | | | | | |
| Esposti Park Improvements | - | - | 25,000 | 200,000 | - | - |
| Keiser Park Improvements | - | 900,000 | 1,300,000 | - | - | - |
| Lighting for Keiser Park Baseball Fields | - | - | - | 494,500 | - | - |
| Pickleball Courts at Hiram Lewis Park | - | 53,000 | - | - | - | - |
| Vintage Oaks Park Improvements | - | - | - | - | 26,000 | 287,500 |
| Wilson Ranch Soccer Park LED Field Lighting | - | - | - | - | 460,000 | - |
| Wilson Ranch Soccer Park Improvements | - | - | - | - | 32,000 | 402,500 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| **Total** | $ - | $ 953,000 | $ 1,325,000 | $ 694,500 | $ 518,000 | $ 690,000 |
| **Other financing uses** | | | | | | |
| Transfer Out | - | - | - | - | - | - |
| | | | | | | |
| | | | | | | |
| **Total** | $ - | $ - | $ - | $ - | $ - | $ - |

## PARK DEVELOPMENT FUND

**CHANGE IN FUND BALANCE**
**5 - YEAR CIP PROJECTION**

| | EST AS OF 6/30/2021 | FIVE YEAR PLAN 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 2025-2026 |
|---|---|---|---|---|---|---|
| Sources of Funds | | | | | | |
| Beginning Fund Balance | $ 508,677 | $ 860,965 | $ 527,491 | $ 71,676 | $ 143 | $ 3,870 |
| Impact fee revenue | 662,036 | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 |
| Other revenue | - | - | - | - | - | - |
| Interest | - | - | - | - | - | - |
| Other financing sources | - | 650,000 | 900,000 | 655,000 | 555,000 | 725,000 |
| Estimated Funds Available | $ 1,170,713 | $ 1,540,965 | $ 1,457,491 | $ 756,676 | $ 585,143 | $ 758,870 |
| Uses of Funds | | | | | | |
| For maintenance and operations | 309,747 | 60,474 | 60,816 | 62,032 | 63,273 | 64,538 |
| For debt service | - | - | - | - | - | - |
| For capital improvements | - | 953,000 | 1,325,000 | 694,500 | 518,000 | 690,000 |
| Other financing uses | - | - | - | - | - | - |
| Total Uses of Funds | $ 309,747 | $ 1,013,474 | $ 1,385,816 | $ 756,532 | $ 581,273 | $ 754,538 |
| Ending Fund Balance | $ 860,965 | $ 527,491 | $ 71,676 | $ 143 | $ 3,870 | $ 4,332 |

## SCHEDULE DESCRIBING
## OTHER FINANCING SOURCES AND USES - CAPITAL IMPROVEMENTS
**(Provides detail for information summarized on "Change in fund Balance" Form)**

## TRAFFIC MITIGATION FUND

| | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 2025-2026 |
|---|---|---|---|---|---|---|
| **Other financing sources** | | | | | | |
| Grants | - | - | - | - | - | 1,553,000 |
| Additional Unidentified Funds | - | - | - | - | 335,000 | 980,000 |
| | | | | | | |
| **Total** | $ - | $ - | $ - | $ - | $ 335,000 | $ 2,533,000 |
| **Capital Improvements:** | | | | | | |
| Shiloh Road Left Turn Intersection Improvements at Caletti Avenue | 14,741 | - | - | - | 220,000 | 1,553,000 |
| Arata Lane Interchange Phase 2B for Los Amigos Road Realignment | - | 855,000 | - | - | - | - |
| Downtown Pedestrian & Bicycle Crossing of US 101 Phase 1 | - | 250,000 | - | - | - | 396,000 |
| Old Redwood Highway Bridges Replacement | - | - | - | - | 101,000 | - |
| Arata Lane Interchange Phase 2C for Northbound On-Ramp | - | - | - | 150,000 | - | 150,000 |
| US 101 Interchange Improvements at Shiloh Road | - | - | - | - | 300,000 | 50,000 |
| Arata Lane Interchange Phase 2D for Highway 101 Overpass Improvements | - | - | - | - | - | 300,000 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| **Total** | $ 14,741 | $ 1,105,000 | $ - | $ 150,000 | $ 621,000 | $ 2,449,000 |
| **Other financing uses** | | | | | | |
| Transfer Out | - | - | - | - | - | - |
| | | | | | | |
| | | | | | | |
| **Total** | $ - | $ - | $ - | $ - | $ - | $ - |

## TRAFFIC MITIGATION FUND

**CHANGE IN FUND BALANCE**
**5 - YEAR CIP PROJECTION**

| | EST AS OF 6/30/2021 | FIVE YEAR PLAN 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 2025-2026 |
|---|---|---|---|---|---|---|
| Sources of Funds | | | | | | |
| Beginning Fund Balance | $ 1,358,945 | $ 1,825,703 | $ 663,532 | $ 590,897 | $ 365,084 | $ 28 |
| Impact fee revenue | 631,201 | 75,000 | 75,000 | 75,000 | 75,000 | 75,000 |
| Other revenue | - | - | - | - | - | - |
| Interest | 15,000 | 15,000 | 15,000 | 15,075 | 15,150 | 15,226 |
| Other financing sources | - | - | - | - | 335,000 | 2,533,000 |
| Estimated Funds Available | $ 2,005,146 | $ 1,915,703 | $ 753,532 | $ 680,972 | $ 790,234 | $ 2,623,255 |
| Uses of Funds | | | | | | |
| For maintenance and operations | 164,702 | 147,172 | 162,635 | 165,888 | 169,206 | 172,590 |
| For debt service | - | - | - | - | - | - |
| For capital improvements | 14,741 | 1,105,000 | - | 150,000 | 621,000 | 2,449,000 |
| Other financing uses | - | - | - | - | - | - |
| Loan Repayment | | | | | | |
| Total Uses of Funds | $ 179,443 | $ 1,252,172 | $ 162,635 | $ 315,888 | $ 790,206 | $ 2,621,590 |
| Ending Fund Balance | $ 1,825,703 | $ 663,532 | $ 590,897 | $ 365,084 | $ 28 | $ 1,665 |

## SCHEDULE DESCRIBING
## OTHER FINANCING SOURCES AND USES - CAPITAL IMPROVEMENTS
**(Provides detail for information summarized on "Change in fund Balance" Form)**

## WATER CAPITAL

| | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 2025-2026 |
|---|---|---|---|---|---|---|
| **Other financing sources** | | | | | | |
| Transfer In from Water Operations | 750,000 | - | - | - | - | - |
| Transfer In from Water Reclamation | 215,000 | 212,592 | 212,592 | 212,592 | 212,592 | 212,592 |
| | | | | | | |
| **Total** | $ 965,000 | $ 212,592 | $ 212,592 | $ 212,592 | $ 212,592 | $ 212,592 |
| **Capital Improvements:** | | | | | | |
| Townwide Advanced Metering Infrastructure (AMI) | - | 600,000 | - | - | - | - |
| Mitchell Lane Pump Station Upgrades | - | 168,000 | - | - | - | - |
| Shiloh Tank Sites 1 and 2 Upgrades | 96,400 | 466,000 | - | - | - | - |
| ALWSZ Recycled Water Pump Station Rehabilitation | - | 310,000 | - | - | - | - |
| Meter Flow Testing Improvements at Russian River Well Field | - | 54,000 | 319,000 | - | - | - |
| Wild Oak Water Service Replacements | - | - | 953,000 | - | - | - |
| New Well at Russian River Well Field | - | - | 100,000 | 400,000 | - | - |
| North Windsor Supply Well | - | - | 140,000 | 635,000 | - | - |
| Mitchell Lane Recycled Water Transfer Pipeline | - | - | - | 46,000 | 756,000 | - |
| Turnberry Court Pipe Improvements | - | - | - | - | 627,000 | - |
| Esposti Municipal Well Head and Treatment System | - | - | - | - | - | 563,000 |
| Savannah Way and Merner Drive Pipe Construction | - | - | - | - | - | 347,000 |
| Water Transmission Reliability at Russian River Well Field West | - | - | - | - | - | 1,902,000 |
| | | | | | | |
| **Total** | $ 96,400 | $ 1,598,000 | $ 1,512,000 | $ 1,081,000 | $ 1,383,000 | $ 2,812,000 |
| **Other financing uses** | | | | | | |
| Transfer Out | 85,114 | 83,801 | 83,671 | 83,671 | 83,671 | 83,671 |
| | | | | | | |
| | | | | | | |
| **Total** | $ 85,114 | $ 83,801 | $ 83,671 | $ 83,671 | $ 83,671 | $ 83,671 |

## WATER CAPITAL

### CHANGE IN FUND BALANCE
### 5 - YEAR CIP PROJECTION

| | EST AS OF 6/30/2021 | FIVE YEAR PLAN | | | | |
|---|---|---|---|---|---|---|
| | | 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 2025-2026 |
| Sources of Funds | | | | | | |
| Beginning Working Capital | $ 7,359,964 | $ 7,979,724 | $ 6,572,590 | $ 5,271,664 | $ 4,348,848 | $ 3,121,077 |
| Capacity Fees - Non Residential | 162,054 | 50,000 | 50,000 | - | - | - |
| Capacity Fees - Residential | 144,500 | 89,500 | 89,500 | 89,500 | 89,500 | 89,500 |
| Interest | 115,000 | 115,575 | 116,153 | 116,734 | 117,317 | 117,904 |
| Other financing sources | 965,000 | 212,592 | 212,592 | 212,592 | 212,592 | 212,592 |
| Estimated Funds Available | $ 8,746,518 | $ 8,447,391 | $ 7,040,835 | $ 5,690,489 | $ 4,768,257 | $ 3,541,073 |
| Uses of Funds | | | | | | |
| For maintenance and operations | 127,510 | 191,000 | 173,500 | 176,970 | 180,509 | 184,120 |
| For debt service | - | - | - | - | - | - |
| For capital improvements | 554,170 | 1,600,000 | 1,512,000 | 1,081,000 | 1,383,000 | 2,812,000 |
| Other financing uses | 85,114 | 83,801 | 83,671 | 83,671 | 83,671 | 83,671 |
| Total Uses of Funds | $ 766,794 | $ 1,874,801 | $ 1,769,171 | $ 1,341,641 | $ 1,647,181 | $ 3,079,791 |
| Ending Working Capital | $ 7,979,724 | $ 6,572,590 | $ 5,271,664 | $ 4,348,848 | $ 3,121,077 | $ 461,282 |

## SCHEDULE DESCRIBING
## OTHER FINANCING SOURCES AND USES - CAPITAL IMPROVEMENTS
**(Provides detail for information summarized on "Change in fund Balance" Form)**

## WATER RECLAMATION CAPITAL

| | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 2025-2026 |
|---|---|---|---|---|---|---|
| **Other financing sources** | | | | | | |
| Transfer in from Water Rec Operations | - | - | - | - | - | - |
| Additional Unidentified Funds | - | - | - | 37,375,000 | 30,940,000 | 3,270,000 |
| | | | | | | |
| **Total** | $ - | $ - | $ - | $ 37,375,000 | $ 30,940,000 | $ 3,270,000 |
| **Capital Improvements:** | | | | | | |
| Influent Wet Well Screen at Water Reclamation Facility (WRF) | - | 1,195,000 | 300,000 | - | - | - |
| ALWSZ Sewer Connection | - | 310,000 | - | - | - | - |
| Ultraviolet (UV) System Replacement | - | 2,668,000 | - | - | - | - |
| Aeration Basin | - | 1,700,000 | 3,200,000 | 31,689,000 | - | - |
| Secondary Clarifier Repairs at the Water Reclamation Facility (WRF) | - | 97,000 | - | 349,000 | - | - |
| Supervisory Control and Data Acquisition System Upgrade | - | 250,000 | - | - | - | - |
| Electrical Meters at the Water Reclamation Facility | - | 50,000 | 50,000 | - | - | - |
| Storage Pond Berm Repair | - | 70,000 | 70,000 | 120,000 | 120,000 | 120,000 |
| SS-1 Windsor River Road to Water Reclamation Facility | - | - | 850,000 | 3,931,000 | - | - |
| SS-3 Hembree Lane | - | - | 222,000 | 1,035,000 | - | - |
| Emergency Generators at the Water Reclamation Facility | - | - | - | 806,000 | - | - |
| Biosolids Handling Facility | - | - | - | 500,000 | 29,350,000 | - |
| Main Switchboard Replacement at Water Reclamation Facility | - | - | - | 183,000 | 500,000 | - |
| SS-2 Starr Road | - | - | - | - | 571,000 | 2,588,000 |
| Conde Business Park Sewer Easement Access Road Resurfacing | - | - | - | - | - | 158,000 |
| | | | | | | |
| **Total** | $ - | $ 6,340,000 | $ 4,692,000 | $ 38,613,000 | $ 30,541,000 | $ 2,866,000 |
| **Other financing uses** | | | | | | |
| Transfer Out | - | - | - | - | - | - |
| | | | | | | |
| | | | | | | |
| **Total** | $ - | $ - | $ - | $ - | $ - | $ - |

**WATER RECLAMATION CAPITAL**

## CHANGE IN FUND BALANCE
## 5 - YEAR CIP PROJECTION

| | EST AS OF 6/30/2021 | FIVE YEAR PLAN | | | | |
|---|---|---|---|---|---|---|
| | | 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 2025-2026 |
| Sources of Funds | | | | | | |
| Beginning Fund Balance | $ 6,729,258 | $ 3,598,699 | $ 6,748,667 | $ 1,656,607 | $ 10,198 | $ 3,049 |
| Development fee revenue | 451,448 | 52,000 | 53,000 | 55,000 | 56,000 | 58,000 |
| Other revenue | 39,012 | 10,039,792 | 40,588 | 41,400 | 42,228 | 43,072 |
| Interest | 85,000 | 85,425 | 85,852 | 86,281 | 86,713 | 87,146 |
| Other financing sources | - | - | - | 37,375,000 | 30,940,000 | 3,270,000 |
| Estimated Funds Available | $ 7,304,718 | $ 13,775,917 | $ 6,928,107 | $ 39,214,288 | $ 31,135,139 | $ 3,461,267 |
| Uses of Funds | | | | | | |
| For maintenance and operations | 3,706,019 | 687,250 | 579,500 | 591,090 | 591,090 | 591,090 |
| For debt service | - | - | - | - | - | - |
| For capital improvements | - | 6,340,000 | 4,692,000 | 38,613,000 | 30,541,000 | 2,866,000 |
| Other financing uses | - | - | - | - | - | - |
| Total Uses of Funds | $ 3,706,019 | $ 7,027,250 | $ 5,271,500 | $ 39,204,090 | $ 31,132,090 | $ 3,457,090 |
| Ending Fund Balance | $ 3,598,699 | $ 6,748,667 | $ 1,656,607 | $ 10,198 | $ 3,049 | $ 4,177 |

## SCHEDULE DESCRIBING
## OTHER FINANCING SOURCES AND USES - CAPITAL IMPROVEMENTS
**(Provides detail for information summarized on "Change in fund Balance" Form)**

## COMMUNITY DEVELOPMENT & BLOCK GRANT FUND

| | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 2025-2026 |
|---|---|---|---|---|---|---|
| **Other financing sources** | | | | | | |
| Grants | - | 62,000 | - | - | - | - |
| | | | | | | |
| **Total** | $ - | $ 62,000 | $ - | $ - | $ - | $ - |
| **Capital Improvements:** | | | | | | |
| Starr Road Sidewalk Improvements South of Starr View Drive | - | 62,000 | - | - | - | - |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| **Total** | $ - | $ 62,000 | $ - | $ - | $ - | $ - |
| **Other financing uses** | | | | | | |
| Transfer Out | - | - | - | - | - | - |
| | | | | | | |
| | | | | | | |
| **Total** | $ - | $ - | $ - | $ - | $ - | $ - |

**COMMUNITY DEVELOPMENT & BLOCK GRANT FUND**

**CHANGE IN FUND BALANCE**
**5 - YEAR CIP PROJECTION**

| | EST AS OF 6/30/2021 | FIVE YEAR PLAN 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 2025-2026 |
|---|---|---|---|---|---|---|
| Sources of Funds | | | | | | |
| Beginning Fund Balance | $ 2,043 | $ 2,043 | $ 2,043 | $ 2,043 | $ 2,043 | $ 2,043 |
| Impact fee revenue | - | - | - | - | - | - |
| Other revenue | - | - | - | - | - | - |
| Interest | - | - | - | - | - | - |
| Other financing sources | - | 62,000 | - | - | - | - |
| Estimated Funds Available | $ 2,043 | $ 64,043 | $ 2,043 | $ 2,043 | $ 2,043 | $ 2,043 |
| Uses of Funds | | | | | | |
| For maintenance and operations | - | - | - | - | - | - |
| For debt service | - | - | - | - | - | - |
| For capital improvements | - | 62,000 | - | - | - | - |
| Other financing uses | - | - | - | - | - | - |
| Total Uses of Funds | $ - | $ 62,000 | $ - | $ - | $ - | $ - |
| Ending Fund Balance | $ 2,043 | $ 2,043.17 | $ 2,043 | $ 2,043 | $ 2,043 | $ 2,043 |

## SCHEDULE DESCRIBING
## OTHER FINANCING SOURCES AND USES - CAPITAL IMPROVEMENTS
**(Provides detail for information summarized on "Change in fund Balance" Form)**

## CAPITAL REPLACEMENT FUND

| | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 2025-2026 |
|---|---|---|---|---|---|---|
| **Other financing sources** | | | | | | |
| General Fund Transfer In | 100,000 | 420,000 | 120,000 | 120,000 | 120,000 | 120,000 |
| Additional Unidentified Funds | - | - | - | 630,000 | | |
| | | | | | | |
| **Total** | $ 100,000 | $ 420,000 | $ 120,000 | $ 750,000 | $ 120,000 | $ 120,000 |
| **Capital Improvements:** | | | | | | |
| Esposti Park Improvements | - | - | - | 202,500 | - | - |
| Senior Center Facility Improvements | - | 405,000 | - | - | - | - |
| Town Green Arbor Improvements | - | - | - | 297,500 | - | - |
| Wilson Ranch Soccer Park LED Field Lighting | - | - | - | 280,000 | - | - |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| **Total** | $ - | $ 405,000 | $ - | $ 780,000 | $ - | $ - |
| **Other financing uses** | | | | | | |
| Transfer Out | - | - | - | - | - | - |
| | | | | | | |
| **Total** | $ - | $ - | $ - | $ - | $ - | $ - |

## CAPITAL REPLACEMENT FUND

**CHANGE IN FUND BALANCE**
**5 - YEAR CIP PROJECTION**

| | EST AS OF 6/30/2021 | FIVE YEAR PLAN 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 2025-2026 |
|---|---|---|---|---|---|---|
| Sources of Funds | | | | | | |
| Beginning Fund Balance | $ 3,911 | $ 30,411 | $ 20,411 | $ 30,411 | $ 411 | $ 120,411 |
| Impact fee revenue | - | - | - | - | - | - |
| Other revenue | - | - | - | - | - | - |
| Interest | - | - | - | - | - | - |
| Other financing sources | 100,000 | 420,000 | 120,000 | 750,000 | 120,000 | 120,000 |
| Estimated Funds Available | $ 103,911 | $ 450,411 | $ 140,411 | $ 780,411 | $ 120,411 | $ 240,411 |
| Uses of Funds | | | | | | |
| For maintenance and operations | 73,500 | 25,000 | 110,000 | - | - | - |
| For debt service | - | - | - | - | - | - |
| For capital improvements | - | 405,000 | - | 780,000 | - | - |
| Other financing uses | - | - | - | - | - | - |
| Total Uses of Funds | $ 73,500 | $ 430,000 | $ 110,000 | $ 780,000 | $ - | $ - |
| Ending Fund Balance | $ 30,411 | $ 20,411 | $ 30,411 | $ 411 | $ 120,411 | $ 240,411 |

This Page Intentionally Blank

# RESOLUTIONS

TOWN OF
WINDSOR

This Page Intentionally Blank

**RESOLUTION NO. 3681-21**

**A RESOLUTION OF THE TOWN COUNCIL OF THE TOWN OF WINDSOR ADOPTING THE CAPITAL IMPROVEMENT PROGRAM FOR FY 2021-2026**

**WHEREAS,** the Town of Windsor prepared a five-year Capital Improvement Program, designed to serve as both a financial and project planning document for the Fiscal Years 2021-2026; and

**WHEREAS,** on June 8, 2021, pursuant to Government Code section 65402, the Planning Commission reviewed the proposed Capital Improvement Program and determined that all of the projects contained in said program are consistent with the Town of Windsor General Plan as to location, purpose and extent; and

**WHEREAS,** Town staff reviewed the proposed Capital Improvement Program under the California Environmental Quality Act (CEQA) and determined that adoption of the proposal is not a project for CEQA purposes, therefore no environmental review is required; and

**WHEREAS,** on June 2, 2021, the Town Council reviewed, accepted public comment and considered the Preliminary Fiscal Years 2021-2026 Capital Improvement Program attached and incorporated herein by reference.

**NOW, THEREFORE BE IT RESOLVED** that the Town Council of the Town of Windsor finds as follows:

1. The Fiscal Years 2021-2026 Capital Improvement Program is consistent with the Town of Windsor General Plan – 2040.

2. Adoption of the Capital Improvement Program is not subject to CEQA review.

; and

**BE IT FURTHER RESOLVED** that the Town Council of the Town of Windsor, also acting on behalf of the Town of Windsor Water District, hereby adopts the Town of Windsor Capital Improvement Program for Fiscal Years 2021-2026.

**PASSED, APPROVED AND ADOPTED this 16th day of June 2021, by the following vote:**

| | |
|---|---|
| **AYES:** | **COUNCILMEMBERS FUDGE, LEMUS, VICE MAYOR REYNOZA AND MAYOR SALMON** |
| **NOES:** | **NONE** |
| **ABSTAIN:** | **NONE** |
| **ABSENT:** | **NONE** |

**SAM SALMON, AT-LARGE MAYOR**

**ATTEST:**

**SOMMER HAGEMAN,**
**DEPUTY TOWN CLERK**

**RESOLUTION NO. 693-21**

**A RESOLUTION OF THE PLANNING COMMISSION OF THE TOWN OF WINDSOR FINDING THE PROPOSED FY 2021-2026 CAPITAL IMPROVEMENT PROGRAM IN CONFORMITY WITH THE TOWN OF WINDSOR 2040 GENERAL PLAN**

**WHEREAS,** the Town of Windsor proposes to adopt the FY 2021-2026 Capital Improvement Program; and

**WHEREAS,** the Capital Improvement Program is designed to serve as both a financial and project planning document; and

**WHEREAS,** Government Code Section 65401 requires that the Planning Commission review all capital projects that will be planned, initiated or constructed during the ensuing fiscal years for conformity with the General Plan; and

**WHEREAS,** Government Code Section 65402 requires that real property acquisition or disposition, street vacation or abandonment, public building or structure construction be consistent with the general plan as to location, purpose and extent; and

**WHEREAS,** the Preliminary Capital Improvement Program identifies various potential public projects, which are consistent with the Town of Windsor 2040 General Plan; and

**WHEREAS,** the Town of Windsor Proposed FY 2021-2026 Capital Improvement Program is not a project subject to review under the California Environmental Quality Act.

**NOW THEREFORE, BE IT RESOLVED** that the Planning Commission of the Town of Windsor reviewed the proposed FY 2021-26 Capital Improvement Program and finds the program conforms with the Town of Windsor 2040 General Plan.

**PASSED, APPROVED and ADOPTED this 8th day of June 2021 by the following vote:**

| | |
|---|---|
| **AYES:** | **COMMISSIONER ZELIG/M, COMMISSIONER BERLANT/2ND, COMMISSIONER LEHR, VICE CHAIR ALBINI** |
| **NOES:** | **NONE** |
| **ABSTAIN:** | **NONE** |
| **ABSENT:** | **NONE** |

**VICE CHAIR**

This Page Intentionally Blank