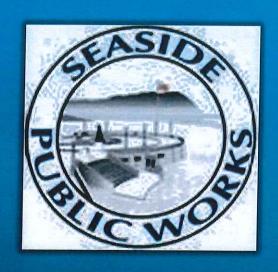
Serving the Citizens and Visitors in our Community



PUBLIC WORKS DEPARTMENT ANNUAL REPORT 2015

WATER DEPARTMENT PERSONNEL

MIKE MAINE RON WANNER JEFF GOSSER JOHN MCKEVITT

SEWER DEPARTMENT PERSONNEL

TOM HECOX BRIAN LAWSON KYLE MERGEL GEORGE WHITLOCK TONY BIAMONT

STREET DEPARTMENT

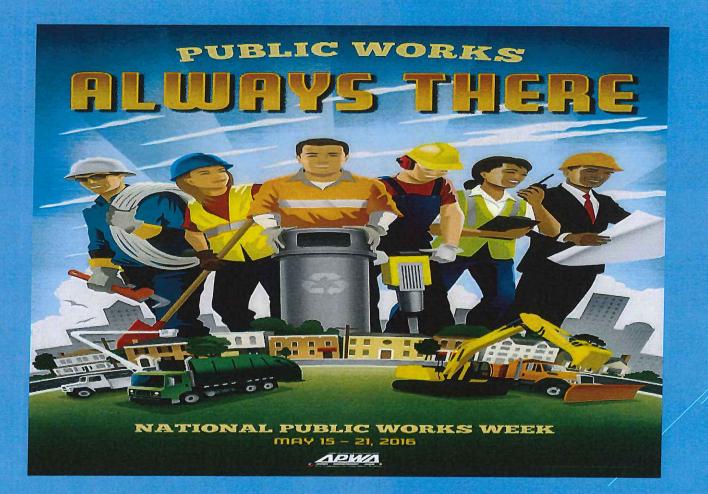
MATT LONG
STEVEN KEEVER
NATHAN KERWIN
DARLENE PEDERSON
KEVIN NAGEL
JEREMY STRIMPLE

ENGINEERING

ALVIN HARWOOD GEOFF LILJENWALL

FLEET MAINTENANCE

TERRY BUSH



WATER DEPARTMENT

Headworks

50 million gallon Lake Reservoir

Treatment Plant Treated an estimated 600,000,000 gallons lis year

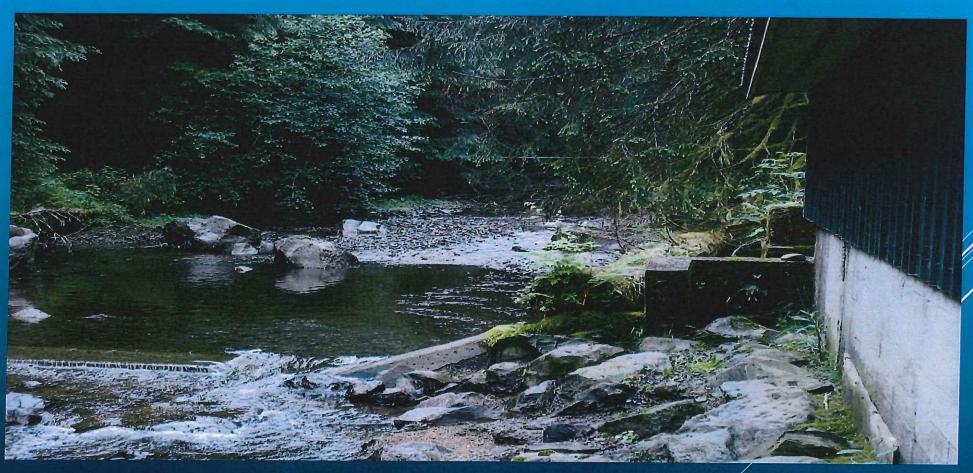
43.4 miles of Pipe

Storage Tanks – Royal View and Peterson Point

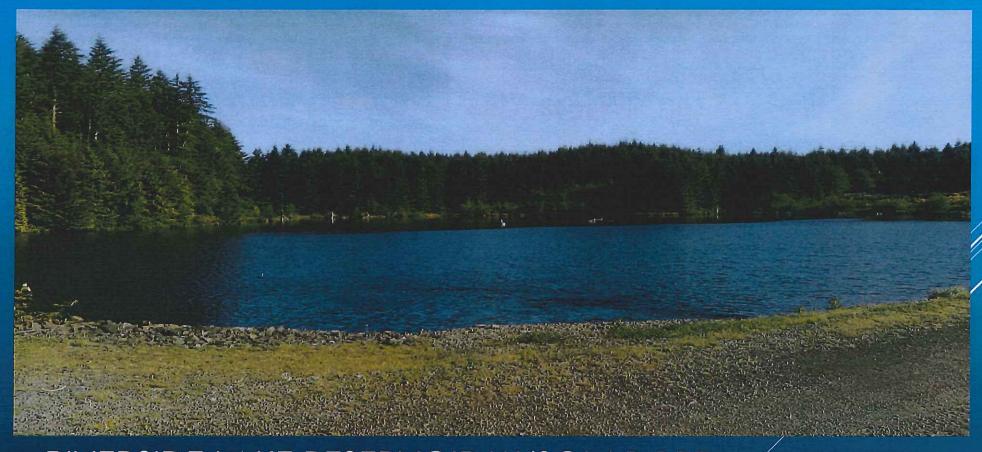
7 Pumo Stations

Average Daily Use 1.64 Million Gallons – Peak Daily Use 3.3 Million Gallons

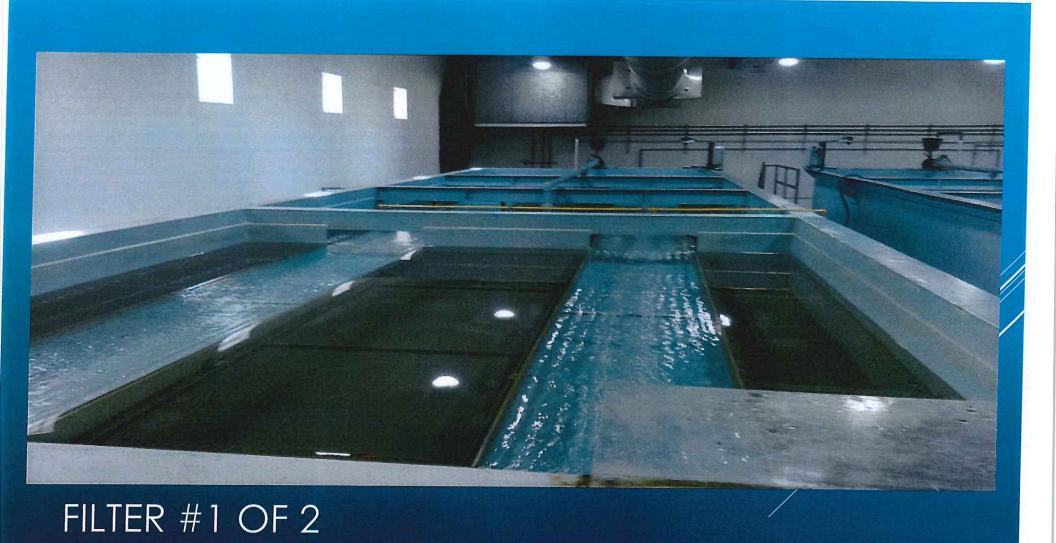
Cross Contamination (Backflow Device) Program



HEADWORKS

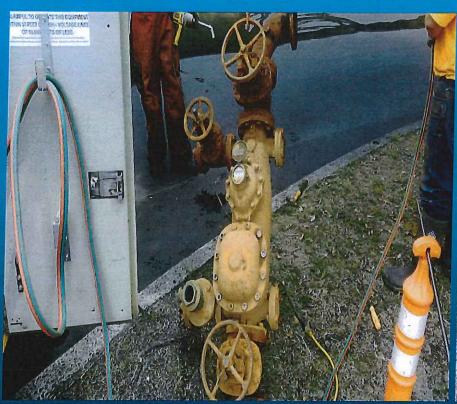


RIVERSIDE LAKE RESERVOIR W/SOLAR BEE



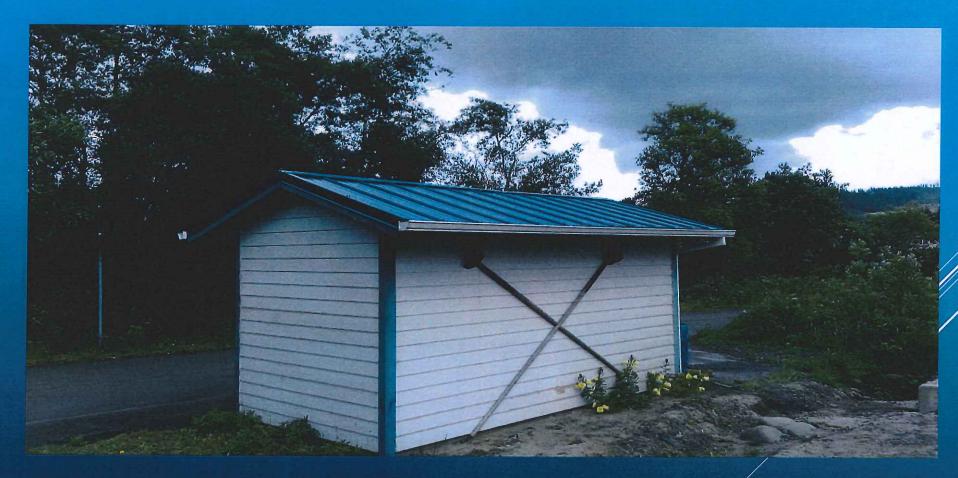


CONTROL PANEL

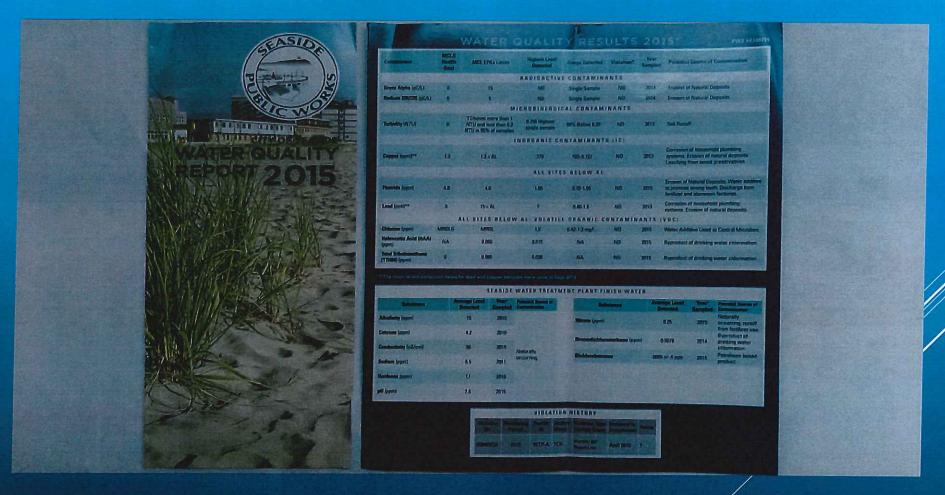




METER CHANGE OUTS



WATER PUMP STATION NEW ROOF



WATER QUALITY REPORT 2015

SOURCE WATER PROTECTION CASE STUDY

City of Seaside

The Seaside Water Department serves over 6,500 Clateop County residents year-round, with a significant seasonal increase due to Seaside's healthy touriers in the summer months. The City of Seaside has two Intales—the primary Intake is in the upper watershed on the South Fork Necanicum River and the second is located on the Necanicum River lower in the watershed where the river enters the city limits near Highway 101.

Seaside's Source Water Assessment, completed by Oregon DEQ in 2000, provided technical information on the natural and anthropogenic characteristics of their diriking water watershed. The Necanicum River watershed includes a total of approximately 35,500 acres and the City owns just over 1,000 acres of that land. The Necanicum watershed is primarily industrial forestiand, with a small percentage of private rural lands. The Source Water Assessment Identified 33 potential sources of pollution upstream of the Mesanioum River Intake that are considered high- to moderate-risks located within sensitive areas adjacent to the river.

The City of Seaside only used the South Fork Necestant River Intales in the upper watershed until 2012, when issues with drought and concerns about fish passage resulted in a need to supplement that limbus. To increase capacity, the City accessed the Necestant River Intales near the city limits. Since that time, Seaside has been proceeding in working with regulatory and fooding agencies, requesting technical audictance, recovers, and compliance impactions in palaritims do with the following senter source area. These requests to prioritize Seaside's chicking water source area resulted in the following (at no cost to the City):



 additional oversight of the DRL enforcement order to replace the falling large capacity say till system for Forest Lake Resort with a new system using advanced capacity septic system for Forest Lake Resort with a new system using advanced

technology to be protestive of the environment,

* DBQ increased compliance inspections for Forest Park's onsite permit due to close proximity above Sesside's Initake,

 DEC priority assessment of several dies identified in Environmental Site.
 Cleanup information database located in sensitive areas, and collaboration with Gregor Department of Agriculture as they work on permits for concentrated animal feating operations in the area.

occasionally close their intake due to high turbidity during storm events, even accumuming some man manuscut to right accuming during some over it, even after moderate ratified. Senido reception that this is an increasingly of fitcall and unsustabilished situation that meets protestative planning to resolve. Senido recently applied for and use assented a \$10,000 great from the Unique. Finally Audinosity's 2015 feeling Divining Water Source project Clothing From the Original Finally Audinosity's 2015 feeling Divining Water Source Projection feeds. These forcis will be used to create a Comprehensive Source Water Projection Plan that well alreading states for any over the sacine quality for finer detricing states feetale. One is said developing an Updated Source Water Assessment to provide safers on the Necestation watershed features and videor able areas.

APRIL 2016 - OREGON DEQ CASE STUDY

SEWER DEPARTMENT

Equalization Basin

Dryer Press

Dryer

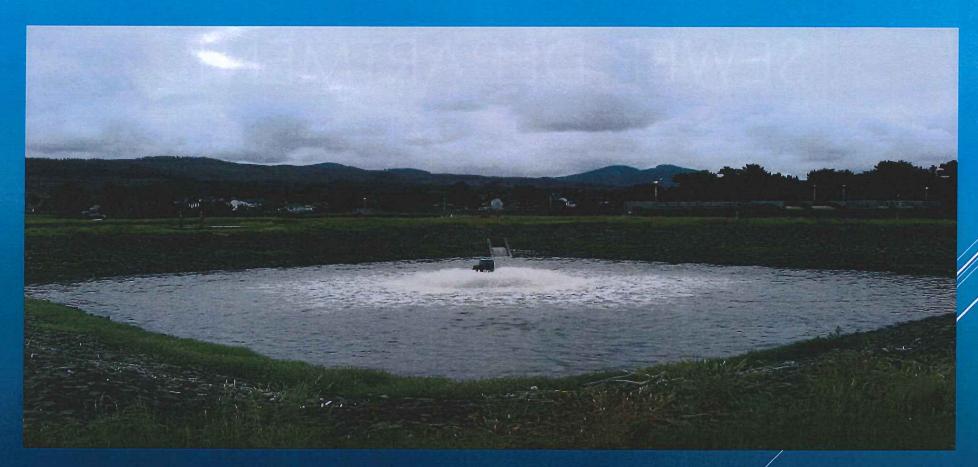
Laboratory

Sewage Processed 2015 = 2.7 Million Gallons

Influent Flows through the Plant = 536.92 Million Gallons (1.47 MG Avg/day)

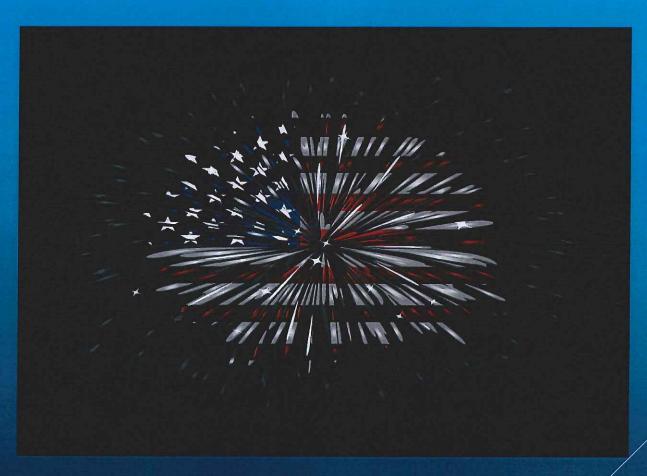
39 Miles of Pipeline and over 600 Manholes

25 Sewage Pump Station



EQUALIZATION BASIN

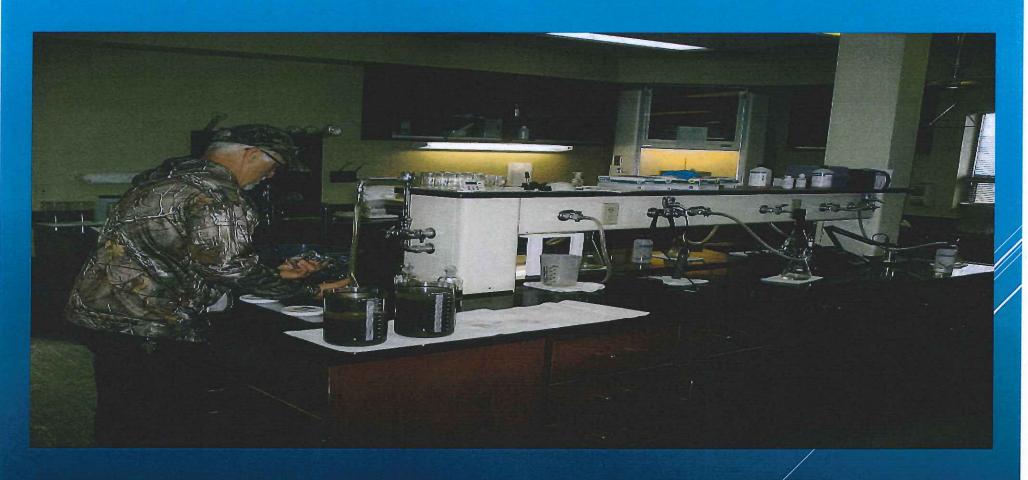




JANUARY 11, 2016



DRYER



LABORATORY



FINAL DRIED PRODUCT

STREET DEPARTMENT

Restrooms

Trash Collection

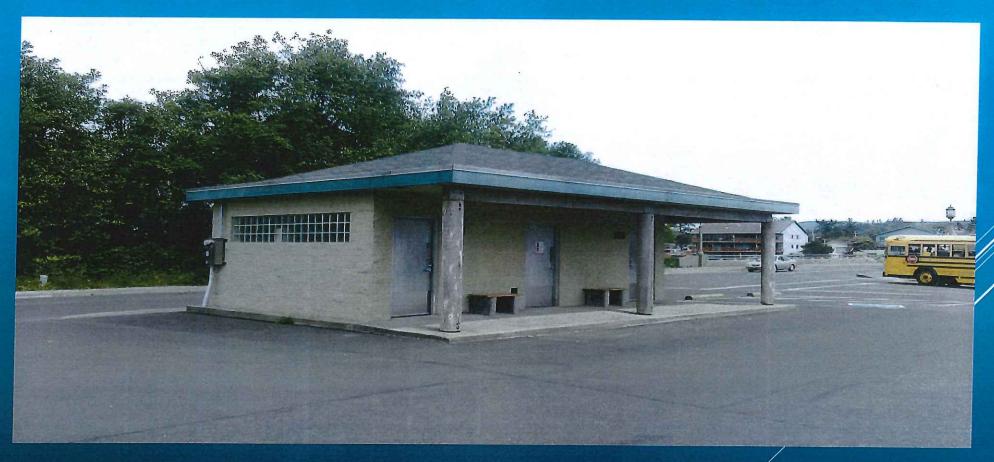
Streets

Parks Maintenance

Cemetery Maintenance

Airport Maintenance

Building Maintenance



RESTROOMS - 9 LOCATIONS



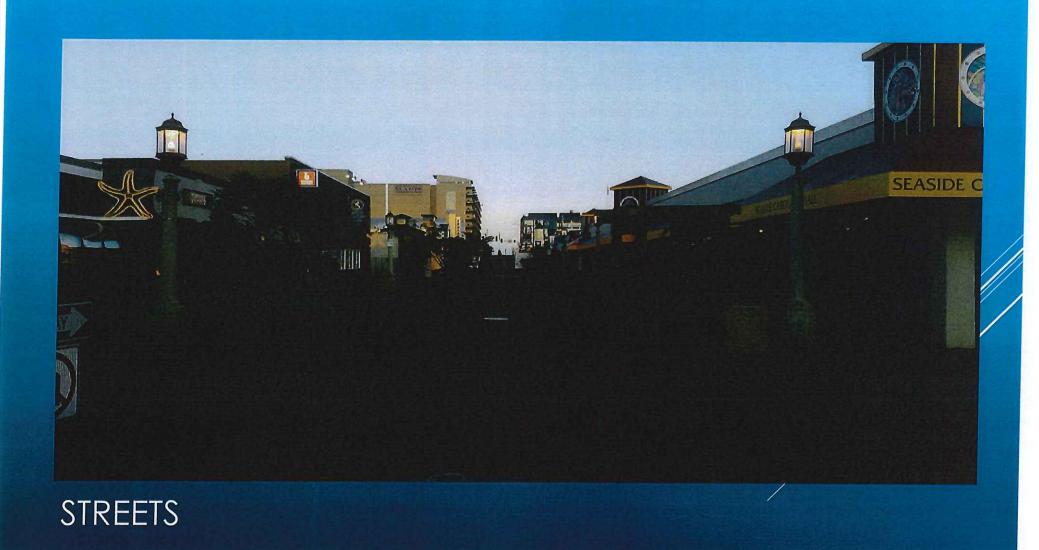
PARKS - 9 LOCATIONS



PARK MAINTENANCE



RIVER LOG JAM LOG JAMS REMOVED IN WINTER 2015 – 2016 = 19





SEASIDE MUNICIPAL AIRPORT



TRASH COLLECTION = 89.92 TONS IN 2015



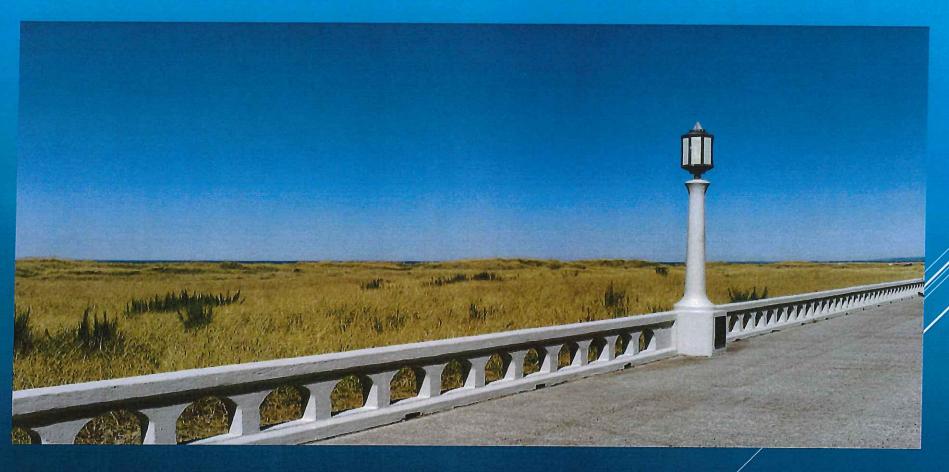
TRASH RECEPTACLE MAINTENANCE



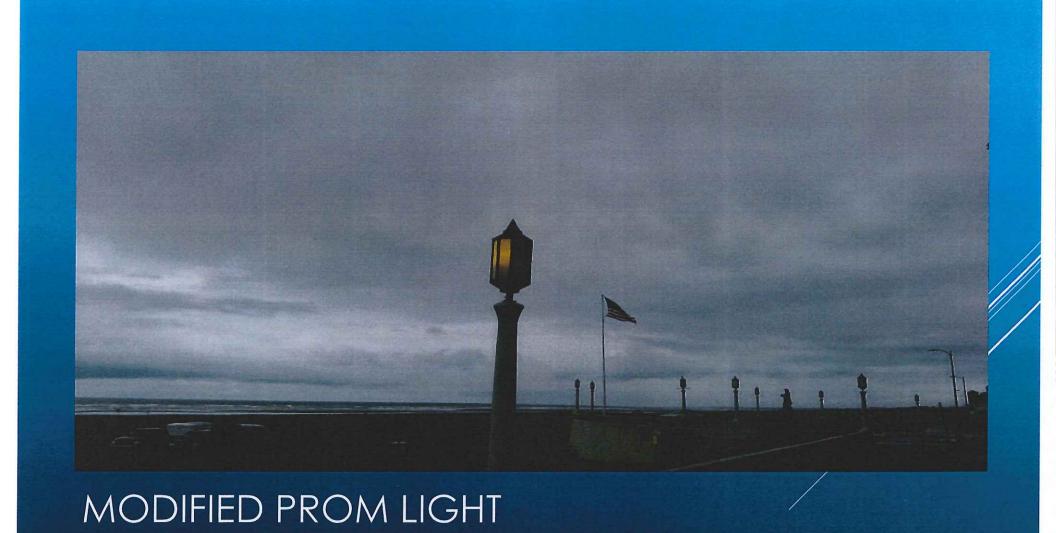
BUILDING MAINTENANCE

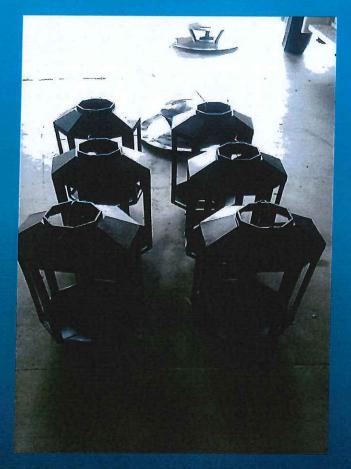


STREET SWEEPER - 5,166 MILES THIS YEAR



STREET LIGHTING





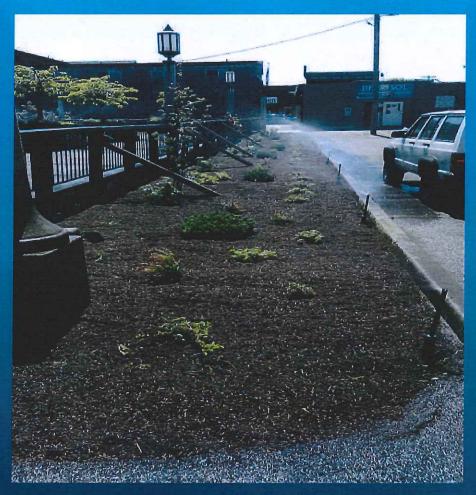
REFURBISHED PROM LIGHTS

CONSTRUCTION PROJECTS

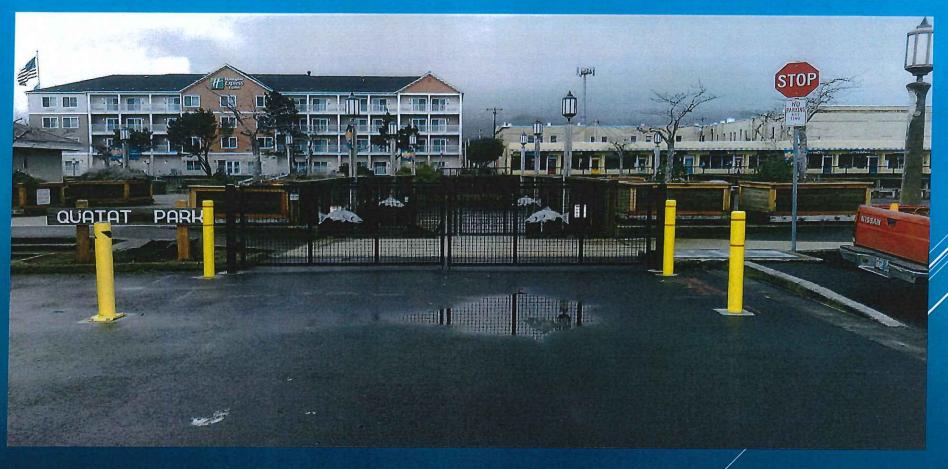
Headworks Intake Structure
Seaside Police Generator Project
Quatat Park Force Main Reconstruction Landscaping
Seaside Airport Lighting Project
North Holladay Improvement Project
Columbia & Broadway Landscaping
Evergreen Cemetery Entrance
Quatat Park Boat Ramp Gate



CEMETERY ENTRANCE



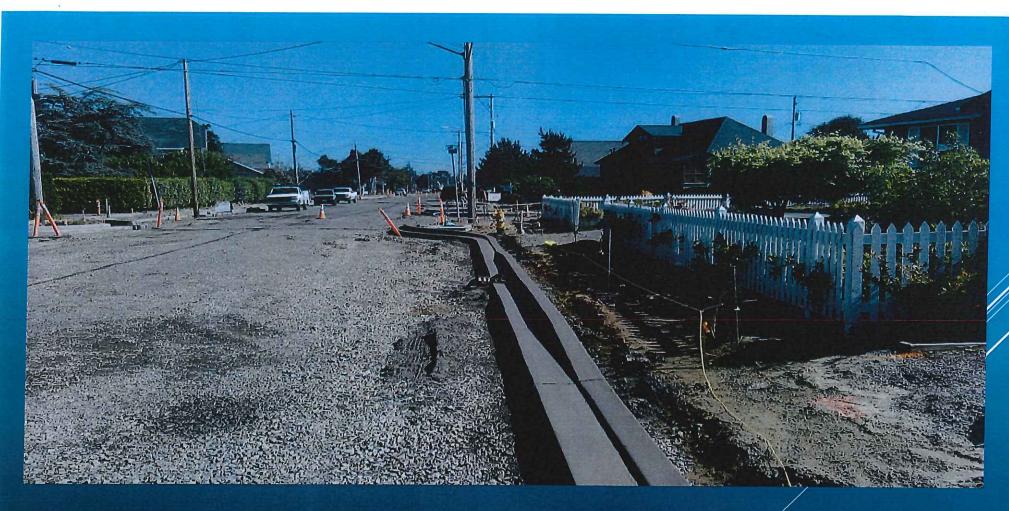
QUATAT PARK LANDSCAPE & IRRIGATION



QUATAT PARK BOAT RAMP GATE



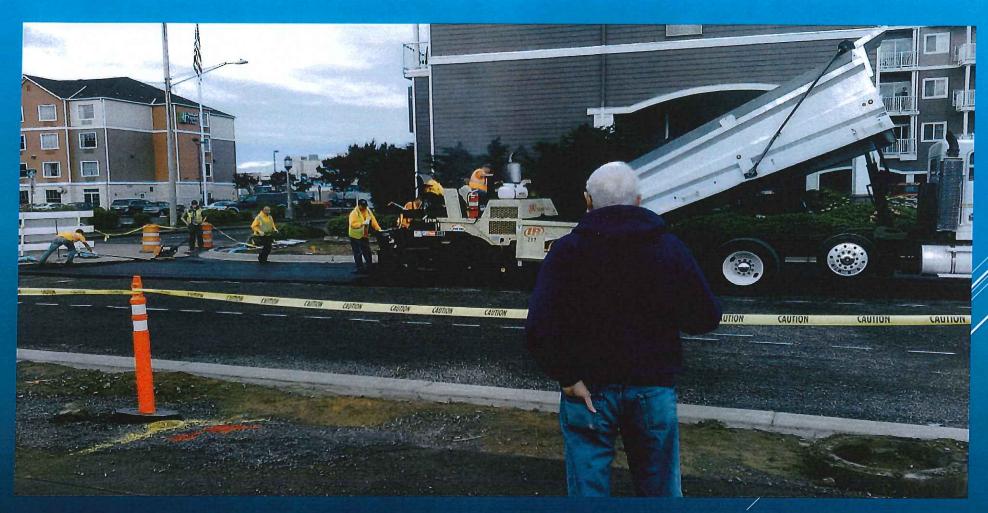
HOLLADAY DRIVE 1ST TO 12TH



HOLLADAY DRIVE NEW CURBING



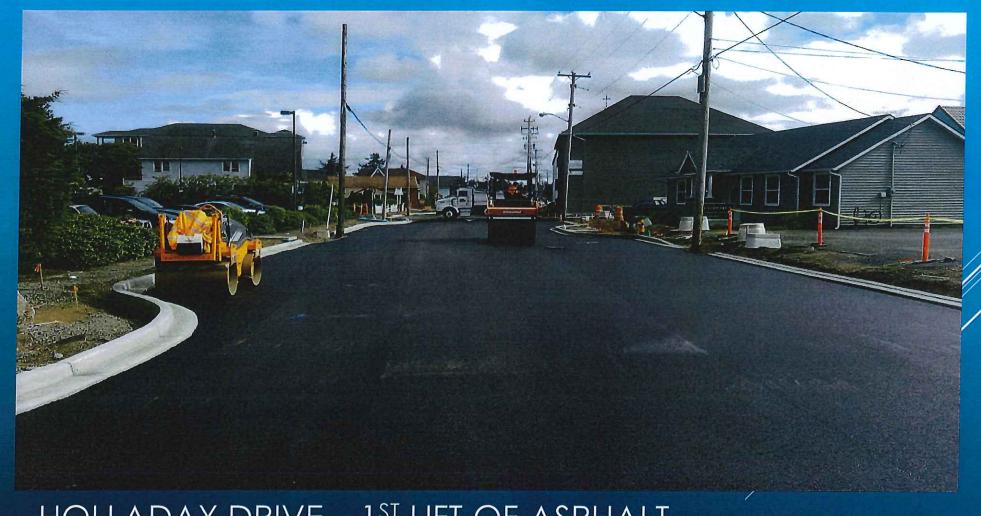
HOLLADAY DRIVE NEW CURBING



MAY 23RD 2016 - UNIDENTIFIED PAVING INSPECTOR



HOLLADAY DRIVE 1ST LIFT OF NEW ASPHALT



HOLLADAY DRIVE – 1ST LIFT OF ASPHALT



HOLLADAY DRIVE - NEW LIGHTING



SEASIDE POLICE GENERATOR PROJECT



SEASIDE MUNICIPAL AIRPORT ELECTRICAL BUILDING

FLEET MAINTENANCE

Responsible for Maintenance of all

Seaside Police Department Vehicles
Seaside Fire Department Vehicles
Water Department Vehicles and Equipment
Sewer Department Vehicles and Equipment
Street Department Vehicles and Equipment
3 Vehicles and 8 Pieces of Heavy Equipment
Fabrication and Welding





NEW SAFETY EQUIPMENT

- ▶ Back-up Cameras thru CSI
- Strobe Lights on Crew Trucks
- Operational Tests
- ▶ Fuel Station Lighting
- City Logo on all Vehicles and Equipment
- ► CB Radio Installation in Equipment and Dump Trucks

FLEET SAFETY PROJECTS

BEHIND THE SCENES

Water Line and Sewer Line Mapping of the entire City
Mapping of all Easements
Mapping of all City owned Properties
SCADA Integration of Sewer and Water Plants
Upgrading Street Signs
Avenue U Bridge Design
Avenue H Storm Water Design & HMAC
Remove and Refurbish All Historic Light Fixtures in Seaside
Refurbishing Round Trash Receptacles

