MARKET DISTRICT MULTI-PURPOSE STORMWATER PROJECT

INFRASTRUCTURE ENGINEERING

Project Update – Preliminary Engineering
October 2020



SCHEMATIC STORMWATER SCHEMATIC PLAN PLAN COMPONENTS PROJECT STORMWATER MANAGEMENT SYSTEM 1 MACLAY COMMERCE DRIVE COLLECTION SYSTEM 2 OFF-SITE INVESTAR PROPERTY COLLECTION SYSTEM MARKET DISTRICT MULTI-PURPOSE STORMWATER PROJECT 3 CONSTRUCTED WETLANDS BMP STORMWATER FACILITY 4 MACLAY BOULEVARD INTERSECTION COLLECTION SYSTEM AND OUTFALL TO W-SWF THROUGH MACLAY HAMMOCK SYSTEM 5 MACLAY BOULEVARD STORMWATER COLLECTION SYSTEM 6 EAST PARK WATER FEATURE AND STORMWATER FACILITY 7 EXISTING 30-INCH STORM DRAIN OUTFALL TO W-SWF 8 MACLAY COMMERCE DRIVE COLLECTION SYSTEM 9 POTENTIAL BIOSWALE BMP STORMWATER TREATMENT FACILITY 10 STORMWATER COLLECTION PROVISIONS FOR CENTRAL PARK AREA **EXISTING STORMWATER DRAINAGE** 11 SOUTH COMMERCIAL AREA STORMWATER BYPASS AND OUTFALL SYSTEM TO W-SWF FOR 12 OFF-SITE STORMWATER COLLECTION SYSTEM ATTENUATION AND WATER 13 WEST STORMWATER MANAGEMENT FACILITY - WET DETENTION **OUALITY TREATMENT** OFF-SITE STORMWATER **EXISTING 30"** DRAINAGE AREA NEW 48" MARKET DISTRICT **OUTFALL DRAIN TO** NORTH RAVINE STORMWATER COLLECTION W-SWF TO REMAIN PEDESTRIAN BRIDGE AND OUTFALL TO W-SWF FOR **BOULEVARD** ATTENUATION AND WATER **QUALITY TREATMENT** CONSTRUCTED WETLAND BMP 42-ACRE OFF-SITE EAST PARK DRAINAGE AREA **RE-DIRECTED TO NEW** W-SWF FOR STORMWATER RUNOFF ATTENUATION **PARK AND** AND ADVANCED WATER W-SWF QUALITY TREATMENT **OPEN SPACE MACLAY COMMERCE DRIVE** ELECTRIC SUBSTATION OFF-SITE **NEW ROUNDABOUT STORMWATER** INTERSECTION AT MACLAY DRAINAGE DIVERSION **SWALE TO W-SWF COMMERCE DRIVE AND** MACLAY BOULEVARD **NEW STORMWATER OUTFALL DRAINAGE SYSTEM TO CONVEY** STORMWATER RUNOFF FROM THE W-SWF DISCHARGE TO **NEW ROUNDABOUT INTERSECTION AT** MARKET DISTRICT COMMERCIAL DOWNSTREAM CONVEYANCE MACLAY COMMERCE DRIVE AND AREA TO THE NEW W-SWF FOR MARTIN HURST BOULEVARD ATTENUATION AND WATER **QUALITY TREATMENT MARTIN HURS**











