

HERBERT HOOVER DIKE (HHD) - CULVERT 11 & 16 REPLACEMENT

Contract Value:	\$2,835,896.06
Performance Period:	January 2012 to Present
Site Location:	Located in Canal Point, FL this project covers two existing HHD mechanical culverts (C-11 & C-16) within the eastern shoreline of Lake Okeechobee. These culverts are approximately two miles south of the Port Mayaca Lock.
Site Characteristics:	The culverts placed during the original HHD construction have weathered over the years providing the current needs of replacement. C-11 & 16 are very similar and consist of removing one existing 120" Dia. Pipe and replacing with two 84" cast in place reinforced concrete box culverts. Both existing culverts consist of mechanical gate valves with a concrete valve wheel pedestal, concrete and sheet pile headwalls and limestone protective armoring placed along the shoreline. Restored conditions to include underground drainage, reinforced concrete headwall, granite armoring, bentonite and slurry walls, automated gate valves with control building and observation platforms. This project is the beginning phase of the removal and replacement of all culverts installed during the original HHD construction.
Project Characteristics:	Optimum Services, Inc. has been subcontracted by Harry Pepper and Associates, Inc. to provide earth work, detailed phased embankment, drainage and restoration to include shoreline protective armoring as required under the USACE contract. Scope of work includes, but not limited to: <ul style="list-style-type: none">• Compliance with all USACE Quality Control, Safety and Environmental regulations• Clearing, grubbing and stripping of HHD• Construction and deconstruction of access roads, turn outs, work/staging platforms and areas, and cofferdams• Removing existing, placing temporary and restoration of all stone protective measures• Phased embankment and construction of the filter and chimney drains• Finish grading and construction and emergency stone protective measures during construction
Client:	Harry Pepper & Associates 18499 US 441 North, Canal Point, FL 33438 Contact: Dan Rodriguez (561) 924-7494

