

HERBERT HOOVER DIKE (HHD) – CULVERT 1 & 1A REPLACEMENT

Contract Value:	\$4,522,752.59
Performance Period:	January 2012 to Present
Site Location:	Located in Moore Haven, FL this project covers two existing HHD mechanical culverts (C-1 & C-1A) within the western shoreline of Lake Okeechobee. Limited access is available to these culverts separated by approximately 5 miles.
Site Characteristics:	The culverts placed during the original HHD construction have weathered over the years providing the current needs of replacement. C-1 consist of removing two existing 120” Dia. Pipes replaced with three 84” cast in place reinforced concrete box culverts and removing three 84” Diameter Pipes at C-1A replacing with two 84” 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, deep pile foundation, 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 Odebrecht Construction, 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 cofferdams.• Removing existing, placing temporary and restoration of all stone protective measures to include material management of filter and bedding stone.• Phased embankment and construction of the filter and chimney drains.• Finish grading and construction of asphalt roadway.• Emergency stone protective measures during construction.
Client:	Odebrecht Construction, Inc. 201 Alhambra Circle, Suite #1400, Coral Gables, FL 33134 Contact: Ernesto Lopes – Phone (305) 341-8800

