



New Broadway Wastewater Treatment Plant



Council Presentation
April 15, 2014



Project Scope



Project Scope

- Phase 1
 - Odor Control, Headworks, Aeration Basins, Secondary Clarifiers, Return/Waste Activated Sludge Pump Station, Solids De-watering, Ultra-Violet Disinfection, Electrical/Control Systems
- Phase 2
 - Partial Existing Plant Demolition, Secondary Clarifiers, Return/Waste Activated Sludge Pumps, Administration Building

Construction Update

- ✓ All major process structures completed
- ✓ All influent flow diverted from old plant to new plant
- ✓ Conversion of control systems to full automation continues
- ✓ Site paving continues

- ✓ Odor mitigation project being advertised for bid





Project Schedule



Phase 1

- Phase 1 Construction – December 2013
- Phase 1 Commissioning – January - April 2014

Phase 2

- Phase 2 Construction – May 2014 - February 2015





Project Budget



PROJECT FUNDS AVAILABLE:	Current Budget
Wastewater CIP.....	\$64,232,400.00
Future CIP Request.....	\$11,350,000.00
TOTAL.....	\$75,582,400.00
FUNDS REQUIRED:	
Construction New Broadway WWTP (Graham Construction Services)*	\$50,735,421.21
Remaining Contingency.....	3,760,808.79
Construction Estimate Broadway Effluent Line Rehab (TBD).....	2,873,000.00
Contingency.....	287,300.00
Final Project Cost for Resaca Lift Station Improvements.....	2,204,788.00
Engineer Fees for New Broadway:	
Engineer (Carollo Engineers)**.....	8,365,162.00
Engineer (Freese and Nichols) ***.....	1,531,560.00
Engineer (Govind Development)****.....	447,750.00
Geotechnical, Foundation, & Pavement Testing (Rock Engineering)....	51,595.00
Construction Materials Testing (Rock Engineering)*****.....	299,997.00
Tolunay-Wong.....	5,465.00
All Points Environmental.....	4,527.00
Maverick Engineering.....	21,269.00
Urban Engineering.....	24,900.00
Ventura.....	46,700.00
Arcadis.....	9,555.00
Jackson Walker.....	17,393.00
Lloyd, Gosselink, Blevins.....	123,773.00
Engineer Fees for Effluent Line Rehabilitation:	
Engineer (LNV, Inc.)*****.....	288,974.00
Engineer (Govind Development).....	49,500.00
Geotechnical Testing (Rock Engineering).....	4,900.00
Construction Materials Testing (Estimate).....	10,000.00
Other:	
Right of Way Acquisition.....	24,907.00
Equipment.....	1,900.00
Reimbursements.....	1,500,000.00
TOTAL.....	\$72,691,145.00
ESTIMATED PROJECT BUDGET BALANCE.....	\$2,891,255.00

