East Naples Bay Dredge Project

October 8, 2012

East Naples Bay Advisory Committee Board Meeting

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PROJECT UPDATE

- What's done?
- Where are we now?
- Path to completion...

WHAT'S DONE?
- 21,948 cy of sediment and rock have been removed

Survey Results: Volume Removed

- Design Template (dredge to -5.4' NGVD29):
  - Sediment removed to Template: 13,486cy (87%)
  - Rock removed to Template: 1,340cy (58%)

- Overdredge Template (6-inches deeper than -5.4' NGVD29)
  - Sediment removed: 6,884cy (61%)
  - Rock removed: 238cy (10%)

  Total Sediment: 20,370cy
  Total Rock: 1,578cy
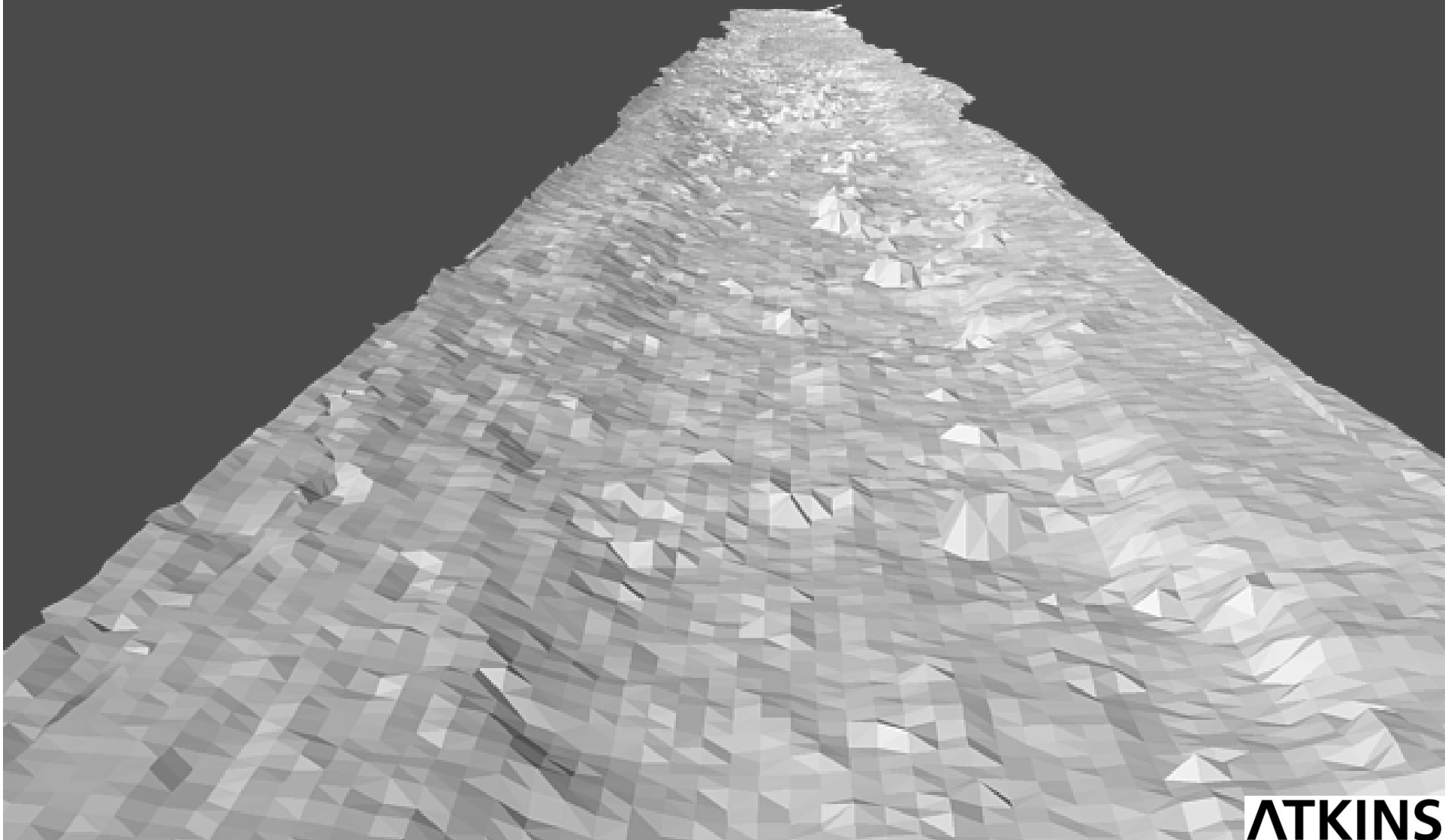 Total Removed: 21,948 cy
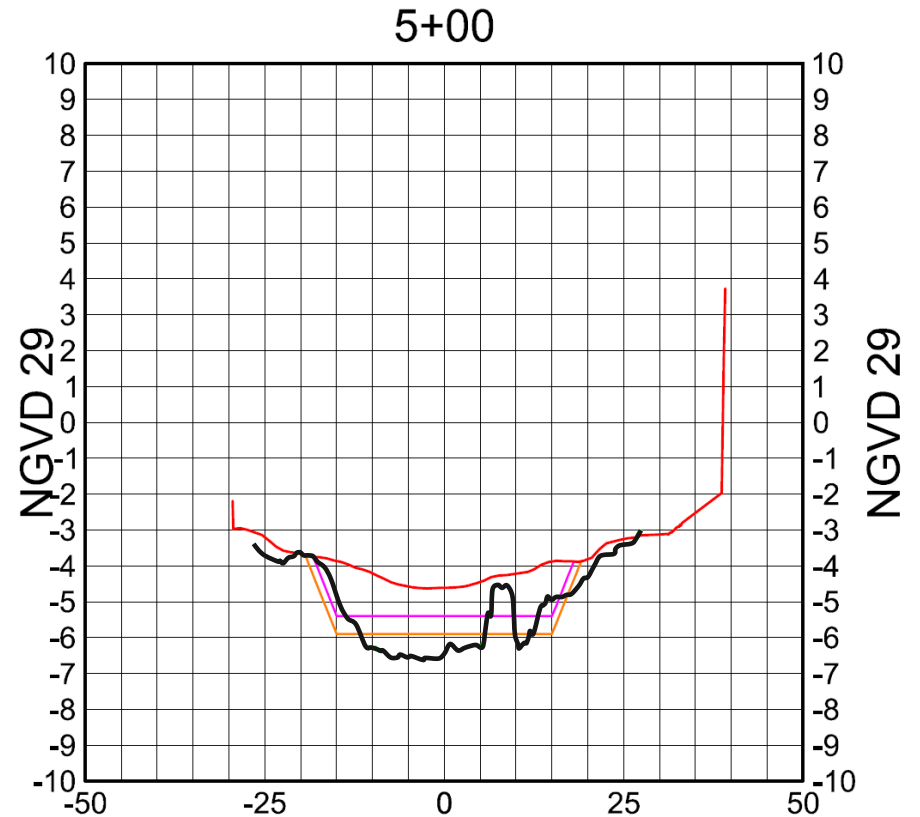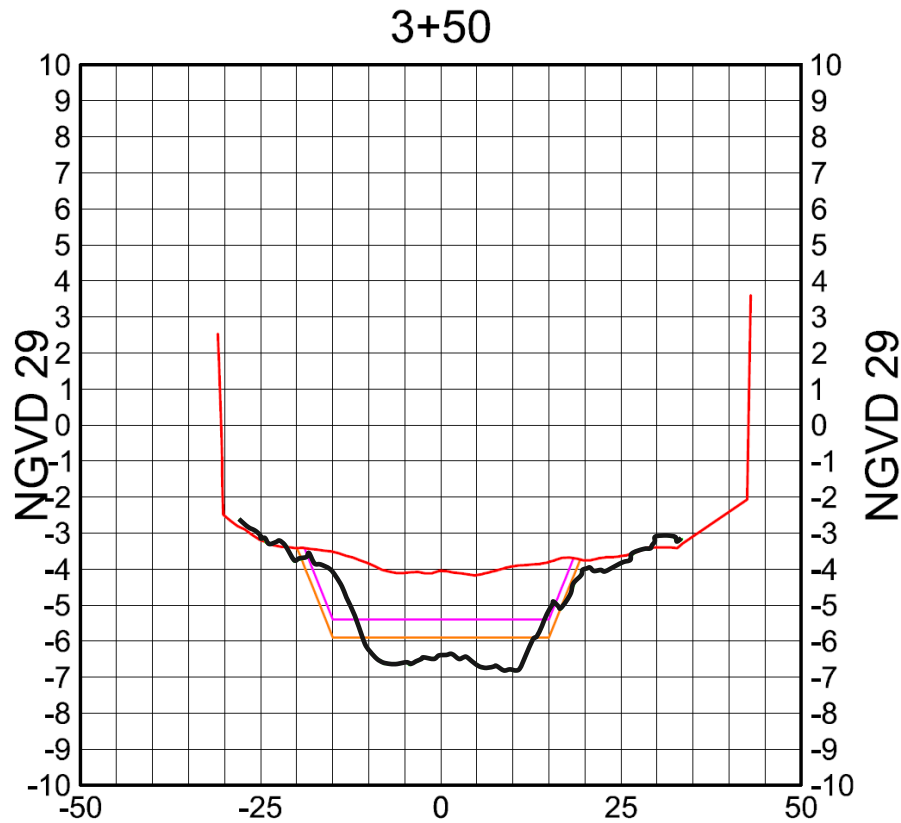
Survey Results

- **Multibeam echosounder on a 1'x1' grid pattern**

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Survey Results – Cross Sections

Areas of Completion

Volume of Material Remaining in DT

SANDPIPER STREET

AA–AA

37cy

CHERRY STONE CT

Z–Z

75cy

CLAM CT

Y–Y

74cy

LITTLE NECK CT

261cy

213cy

474cy

775cy

32cy

152cy

BONITA LANE

U–U

MULLET LANE

S–S

DOLPHIN LANE

not surveyed

CURLEW AVENUE

OSPREY AVENUE

PELICAN AVENUE

BLUE POINT AVENUE

CHESAPEAKE AVENUE

JEWEL BOX AVENUE
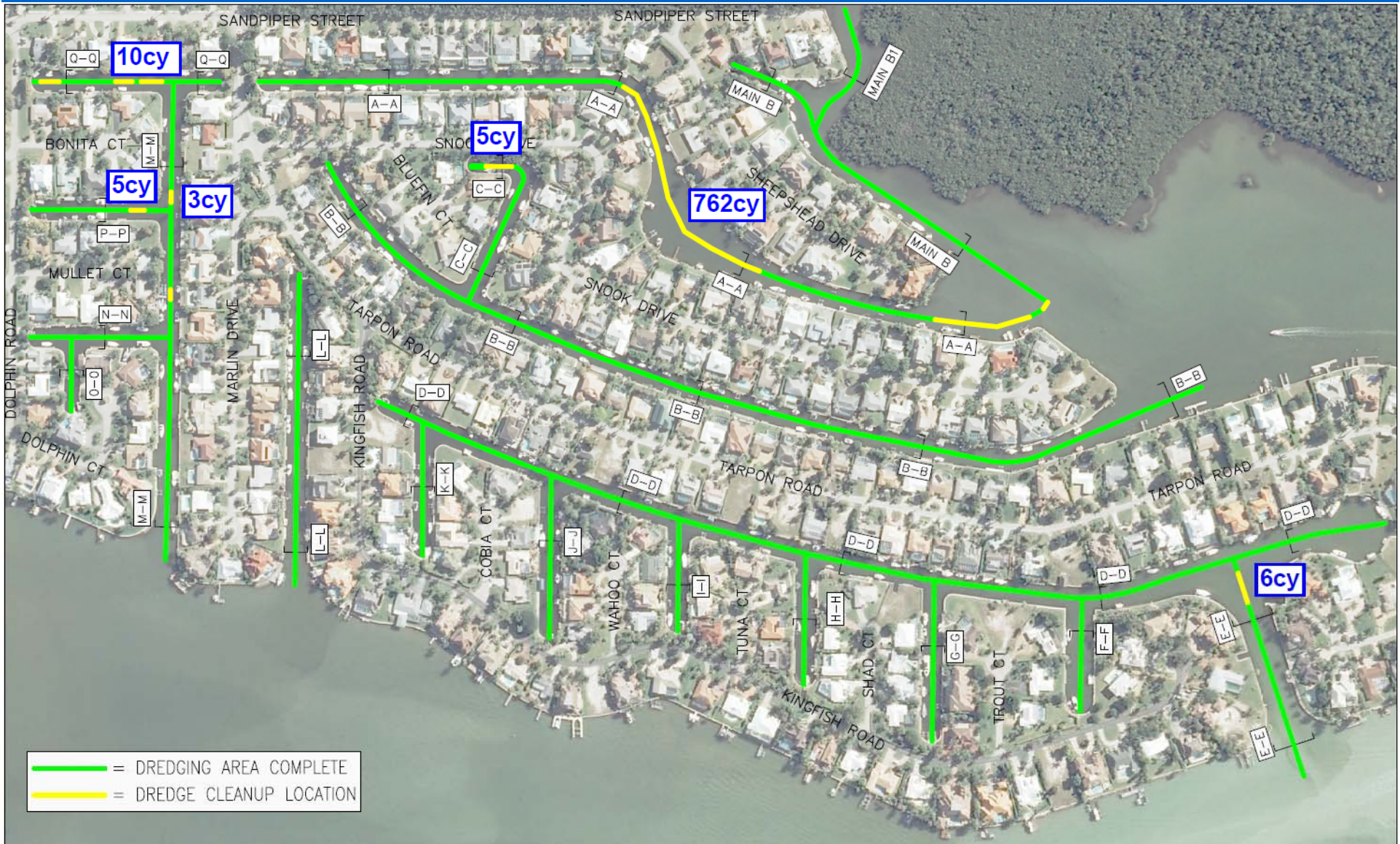
— = DREDGING AREA COMPLETE
— = DREDGE CLEANUP LOCATION

CLIENT: **CITY OF NAPLES**

PROJECT: **EAST NAPLES BAY** / **DREDGING PROJECT**

TASK: **GOLDEN SHORES AND OYSTER BAY**

ORIGINAL: OCTOBER 2012
REVISIONS:

JOB NO. 100022567
DRAWN MSS
PE JRT
CHECKED BDT
QC MSS

JEFFREY R. TABAR, P.E. 54054

SHEET 01

Volume of Material Remaining in DT

What else is done?

- An additional 3,000 cy of sediment has been removed from private boat docks.

- Zero violations in the City's vibration threshold for rock removal.

- Zero violations in FDEP's turbidity threshold.

- Zero injuries.

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Where are we now?

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CONSTRUCTION BUDGET: $2,237,839
- Total Paid to Date: $1,575,667.21
- Retainage (10%): $157, 566.72
- Total Earned Less Retainage: $1,418,100.49
- Balance in Contract: $662,171.79

INSPECTION BUDGET: $409,750
- Total Paid to Date: $376,154
- Balance in Contract: $33,596

Where are we now?

More Dredging Needed

- A total of 1,537 cy more sediment and rock to be removed per the original contract;

- 151 cy more rock to be removed per the April Change Order

- Canal V-V not included in recent survey

Energy Resources (Stemic)

- Oct. 1 Dredging Canal DD (145cy)

Project Progress

- Dewatering Area–
  - Approx. 10,000 cy remaining to remove
  - Landfill not accepting material at this time (wet conditions)

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Project Completion

- The City has elected to exercise the bid item to restore the dewatering area to pre-construction conditions

- The City/Atkins will perform an additional survey or final field check to satisfy completion of project punchlist items

- Day to day oversight of field operations will be handled by the City

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Questions?

Progress Photos