

Norfolk District North Atlantic Division Aircraft Carrier Corridor Industry Day AAR

Michael L. Anderson, P.E.

Chief, Design Section Operations Branch

Norfolk District

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Project Purpose

**USS Harry S. Truman
(CVN-75)**



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Project Description



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Dredging Project – Schedule

- Pre-solicitation announcement on FEDBIZOPS
16 NOV 2010.
- IFB Unrestricted Solicitation available on FEDBIZOPS
8 DEC 2010.
- Bid Opening on 19 January 2011.
- Award on 17 February 2011.
- Construction Timeframe – about 18 months.



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Dredging Project - Scope

- Approximately 2.9 Million Cubic Yards of New Work Dredged Material.
- Pay Depths as great as - 52 feet MLLW.
- Cutter-head Hydraulic Pipeline and Mechanical Dredge with Hydraulic Unloading will be Permitted.
- Placement of Dredged Material will be Upland at the CIDMMA.
- Use of the Rehandling Basin will not be Permitted.



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Project Details



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Items of Interest – Bid Schedule

SAMPLE BID ITEM SCHEDULE FOR INDUSTRY DAY
US NAVY DEEPENING PROJECT
NNSY TO LAMBERTS BEND

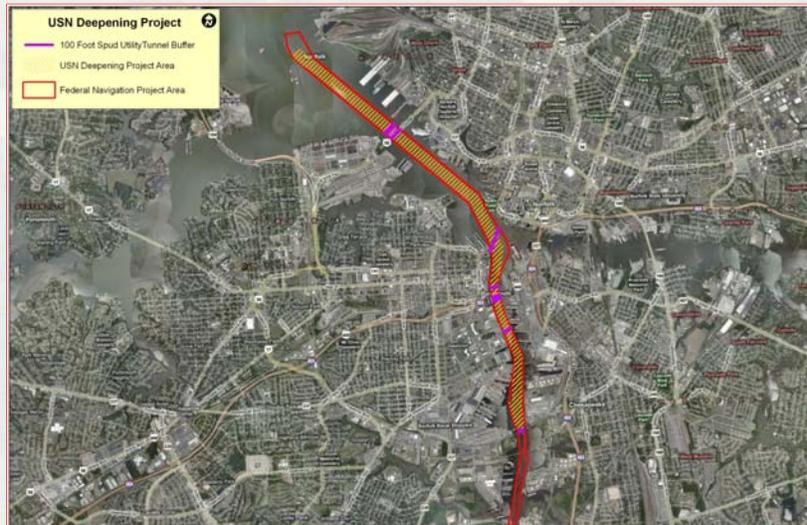
ITEM NUMBER	ITEM DESCRIPTION	QTY	UNIT	UP	TOTAL
0001	Mobilization and Demobilization	1	JOB	LS	
0002	Physical Structure Monitoring Program – Stations 80+00 to 165+00	1	JOB	LS	
0003-1	Dredging portions of Norfolk Harbor Channel from stations 55+00 to 95+00 to a depth of 47 feet MLLW with two feet of allowable overdepth, complete, including all associated work as indicated and specified.	501,111	CY	\$	\$
0003-2	Dredging portions of Norfolk Harbor Channel from stations 95+00 to 145+00 to a depth of 47 feet MLLW with two feet of allowable overdepth, complete, including all associated work as indicated and specified.	397,838	CY	\$	\$
0003-3	Dredging portions of Norfolk Harbor Channel from stations 145+00 to 193+00 to a depth of 47 feet MLLW with two feet of allowable overdepth, complete, including all associated work as indicated and specified.	651,408	CY	\$	\$
0003-4	Dredging portions of Norfolk Harbor Channel from stations 193+00 to 255+00 to a depth of 47 feet MLLW with two feet of allowable overdepth, complete, including all associated work as indicated and specified.	908,702	CY	\$	\$
0003-5	Dredging portions of Norfolk Harbor Channel from stations 255+00 to 311+93 to a depth of 47 feet MLLW with two feet of allowable overdepth, complete, including all associated work as indicated and specified.	236,986	CY	\$	\$
0003-6	Dredging portions of Norfolk Harbor Channel from stations 311+93 to 322+73 to a depth of 50 feet MLLW with two feet of allowable overdepth, complete, including all associated work as indicated and specified.	132,413	CY	\$	\$
TOTAL ESTIMATED AMOUNT OF BID ITEMS					\$



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Items of Interest – Utility Crossings



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Items of Interest – Utility Crossings

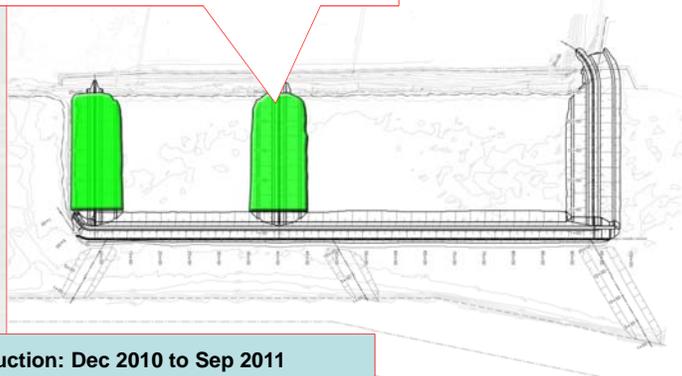
Utility/Feature	Description	Channel Station	Owner
PIPELINE AREA	8" SLUDGE OILY WASTEWATER PIPE & 10" MULTI-PURPOSE PIPE MINIMUM DEPTH TO TOP OF PIPES APPROX. 74' WITHIN CHANNEL	224+00 to 227+00	U.S. NAVY
SEWER OUTFALL	48" REINFORCED CONCRETE PIPE INFORMATION FROM H.R.S.D.	187+00 to 188+00	HRSD
CABLE AREA VA. POWER Lines A & B	VIRGINIA POWER LINE A (NORTH) - 90.0' MLLW (1983-2001) LINE B (SOUTH) - 110.0' MLLW (1983-2001) AT NORFOLK HARBOR 800' CHANNEL	96+00 to 100+00	VA. POWER
230KV TRANSMISSION LINE	TWO 8-5/8" STEEL CONDUIT PIPES MIN. DEPTH APPROX. 75 FEET TO 800 FOOT WIDE CHANNEL	91+00 to 95+00	VA. POWER
PIPELINE AREA	VIRGINIA NATURAL GAS PIPELINE - 100.0' MLLW (1983-2001) AT NORFOLK HARBOR 800' CHANNEL	68+00 to 77+00	VA. NATURAL GAS
SEWER OUTFALL	54" REINFORCED CONCRETE PIPE (INCLUDES 650' EXTENSION (INCLUDES 650' EXTENSION NO.87-0117-02)	41+00	HRSD
WATER MAIN	36" CAST IRON PIPE, MINIMUM DEPTH TO TOP OF PIPE APPROX. 60 FEET	36+00 to 45+00	City of Norfolk
NEW STATIONING BEGINS			
Deparment Structure Outside Channel	Outside Federal Channel	305+00 to 320+00	NAVY
PIPELINE AREA	42" SEWER FORCE MAIN MIN. DEPTH TO TOP OF STEEL PIPE IS APPROX. - 70' MLW WITHIN CHANNEL	254+00	H.R.S.D.
PIPELINE AREA	30" C.I. WATER MAIN MIN. DEPTH TO TOP OF PIPE REPORTED TO BE -55' MLW WITHIN CHANNEL	253+00	City of Norfolk
MIDTOWN TUNNEL	MIN. DEPTH TO TOP OF TUNNEL STRUCTURE -61' MLW WITHIN CHANNEL	249+00 to 250+00	VDOT
CABLE AREA	3 ABANDONED CABLES MINIMUM DEPTH -49' MLW WITHIN CHANNEL	158+00 to 172+00	WESTERN UNION
CABLE AREA	ABANDONED TELEPHONE CABLES CONTAINED IN TEN 4 1/2" STEEL CONDUITS MIN. DEPTH TO CONDUITS APPROX. -58' MLW WITHIN CHANNEL	136+00 to 139+00	AT&T CO.
DOWNTOWN TUNNELS I-264 Westbound and Eastbound	MIN. DEPTHS TO TOP OF TUNNEL STRUCTURES APPROX. -58' MLW FOR WESTBOUND AND -53' MLW FOR EASTBOUND TUNNEL WITHIN CHANNEL	130+00 to 134+00	VDOT
CABLE AND PIPELINE AREA	TELEPHONE CABLE AND ABANDONED 8" WATER LINE MIN. DEPTH -58 FEET MLW WITHIN CHANNEL	112+00 to 113+00	U.S. NAVY
R.R. VERTICAL LIFT BRIDGE	HORIZ. CLEARANCE BETWEEN FENDERS - 300 FEET VERTICAL CLEARANCE OPEN - 142 FEET ABOVE MHW CLOSED - 6 FEET ABOVE MHW	52+00 to 56+00	NORFOLK & PORTSMOUTH BELT LINE RR

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Items of Interest – Craney Island

Stage 1 – South and Divisional Cross Dikes



- Construction: Dec 2010 to Sep 2011
- Dredging: Permitted from Dec to April in Navigation Channels

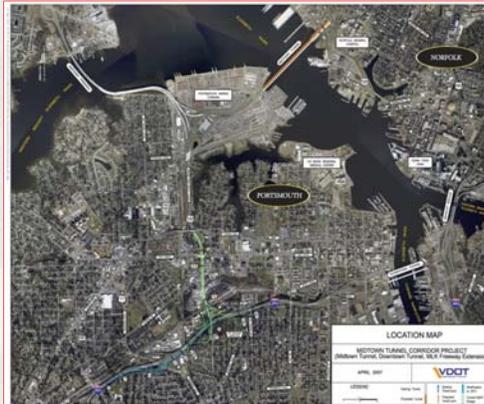
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Items of Interest – Midtown Tunnel

<http://midtowntunnel.org/>

- Utility relocation will be completed using directional drilling methods. Currently, It is anticipated that work will be conducted in mid to late 2011.
- Dredging is currently targeted to start in Spring 2012.



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Special Work Requirements

- U.S. Coast Guard Requirements – Aids to Navigation.
- Impacts to Port and Vessel Traffic.
- Coordination with the Maritime Industry (US Navy, Virginia Pilots, Tug Pilots, VIT, NIT, VPA, USCG).
- Dredging adjacent Secure and Restricted Areas.
- Stability of Near Shore Structures.



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Special Work Requirements

- Order and priority of completing designated Acceptance Sections.
- Location and placement of Hydraulic Pipeline .
- Location and placement of Hydraulic Unloading Equipment .
- Trenching for bottom placement of Hydraulic Pipeline .
- Dredged Material Management Plan (Work Plan).



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Industry Day - AAR

- Purpose and Process
 - Pros and Cons
- How Can We Do It Better



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Industry Day – Purpose and Process

- Mutually Benefit the Corps, U.S. Navy, and Dredging Industry.
- Inform Industry of Project Details.
- Use Feedback to clarify Design Intent, Plans for Dredging, and Specifications.
-
- Special Announcement on FEDBIZOPS.
- Scheduled 4 hour Event at the Waterside Marriott.



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Industry Day – Pros and Cons

- **Customer is Delighted.**
- **Great Turn Out from Industry.**
- **Access to Project Documents before the Solicitation.**
- **Too Quiet.**
- **Minimal Dialog during Event.**
- **Overall Feedback (No Comments Turned In).**



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Industry Day – A Better Way

- A Standardized Format?
- More Time to Prepare?
- Provide Technical Documents in Advance?
- Conference Call Instead?
- Opportunity for Follow-Up?



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Contact Information:
Norfolk District, USACE
Operations Branch

Michael Anderson, P.E.
Chief, Design Section
PHONE: 757-201-7584