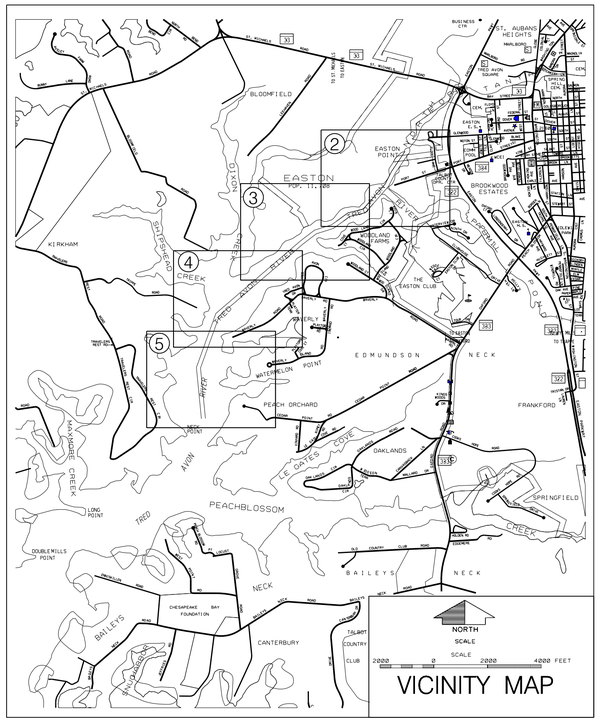
CONDITION SURVEY

TRED AVON

TALBOT COUNTY, MARYLAND



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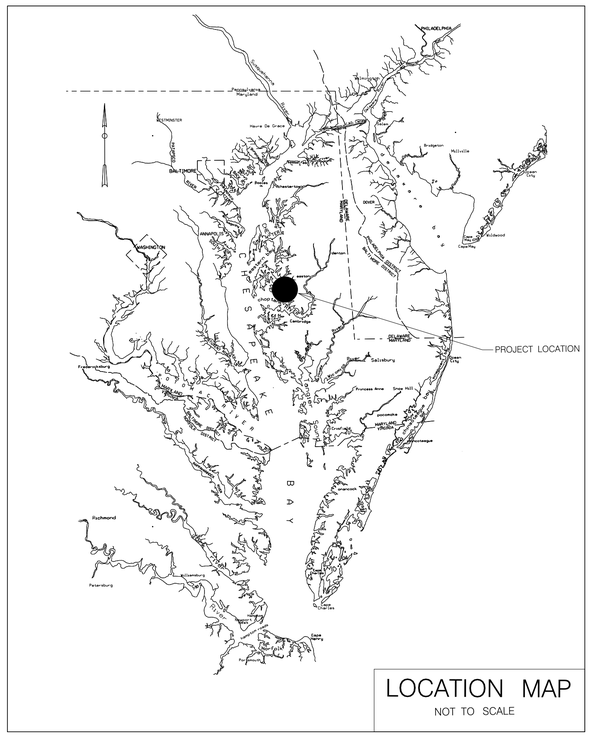


US Army Corps of Engineers Baltimore District

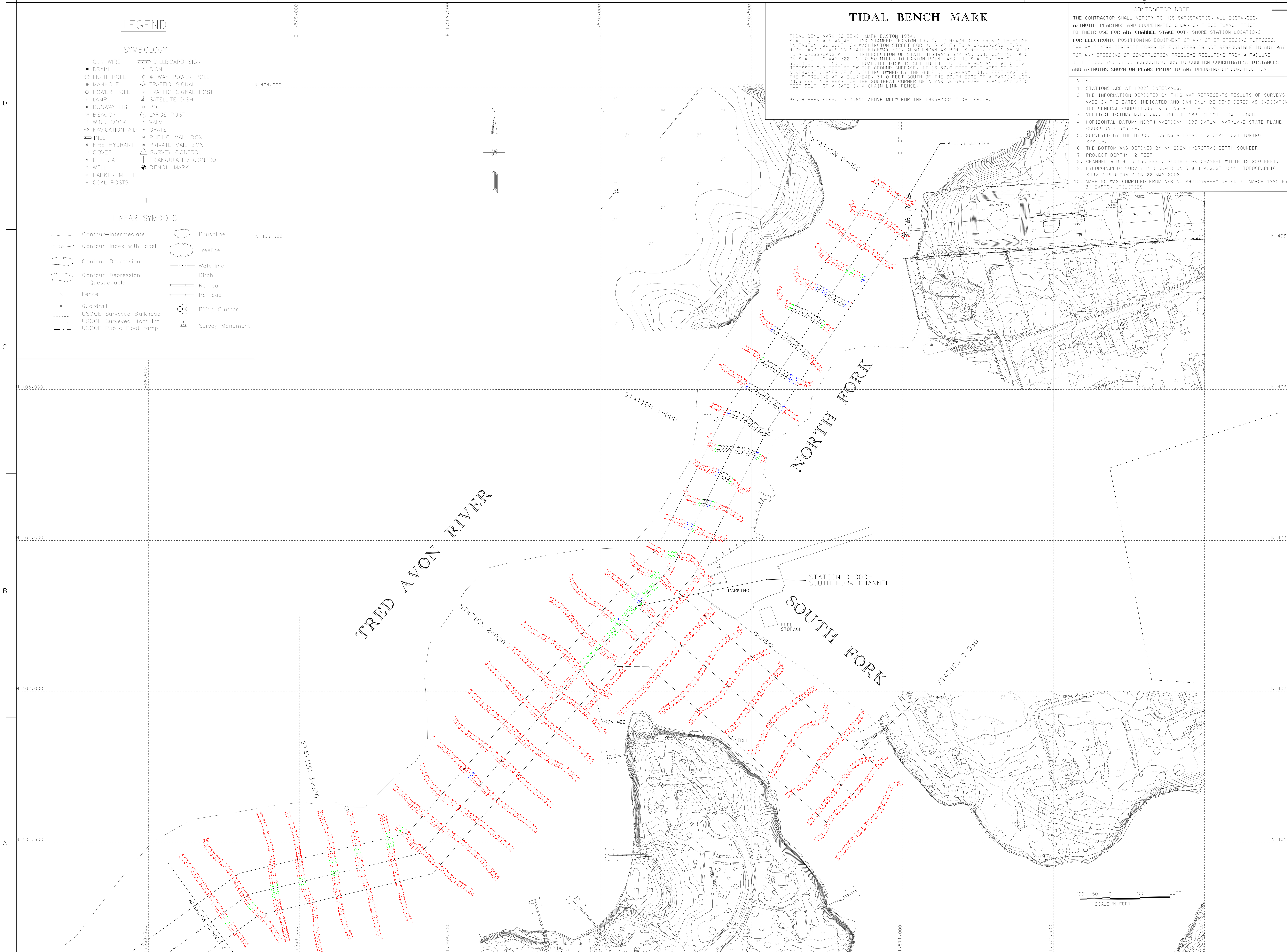
Mark	Description	Date	Appr.	Mark	Description	Date	Appr.

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by: JAH
Drawn by: SMD
Reviewed by: SMD
Submitted by: Chief, Rev. Branch
Date: AUGUST 1-1
Scale: AS NOTED
FILE:41 MAP:11-002
Drawing code:
File name:PHL-00002MAP001
Plot date:
Plot scale:
Rev.

TALBOT COUNTY, MARYLAND
TRED AVON
CONDITION SURVEY
COVER SHEET

Sheet reference number:
V-101
Sheet 1 of 5



LEGEND

SYMBOLOGY

- GUY WIRE
- DRAIN
- LIGHT POLE
- MANHOLE
- POWER POLE
- LAMP
- RUNWAY LIGHT
- BEACON
- WIND SOCK
- NAVIGATION AID
- INLET
- FIRE HYDRANT
- COVER
- FILL CAP
- WELL
- PARKER METER
- GOAL POSTS
- BILLBOARD SIGN
- SIGN
- 4-WAY POWER POLE
- TRAFFIC SIGNAL
- TRAFFIC SIGNAL POST
- SATELLITE DISH
- POST
- LARGE POST
- VALVE
- GRATE
- PUBLIC MAIL BOX
- PRIVATE MAIL BOX
- SURVEY CONTROL
- TRIANGULATED CONTROL
- BENCH MARK

1

LINEAR SYMBOLS

- Contour-Intermediate
- Contour-Index with label
- Contour-Depression
- Contour-Depression Questionable
- Fence
- Guardrail
- USCOE Surveyed Bulkhead
- USCOE Surveyed Boat lift
- USCOE Public Boat ramp
- Brushline
- Treeline
- Waterline
- Ditch
- Railroad
- Railroad
- Piling Cluster
- Survey Monument

TIDAL BENCH MARK

TIDAL BENCHMARK IS BENCH MARK EASTON 1934. STATION IS A STANDARD DISK STAMPED "EASTON 1934". TO REACH DISK FROM COURTHOUSE IN EASTON, GO SOUTH ON WASHINGTON STREET FOR 0.15 MILES TO A CROSSROADS. TURN RIGHT AND GO WESTON STATE HIGHWAY 344, ALSO KNOWN AS PORT STREET, FOR 0.65 MILES TO A CROSSROADS AT THE INTERSECTION OF STATE HIGHWAYS 322 AND 334. CONTINUE WEST ON STATE HIGHWAY 322 FOR 0.50 MILES TO EASTON POINT AND THE STATION 155.0 FEET SOUTH OF THE END OF THE ROAD.THE DISK IS SET IN THE TOP OF A MONUMNET WHICH IS RECESSED 0.3 FEET BELOW THE GROUND SURFACE. IT IS 37.0 FEET SOUTHWEST OF THE NORTHWEST CORNER OF A BUILDING OWNED BY THE GULF OIL COMPANY, 34.0 FEET EAST OF THE SHORELINE AT A BULKHEAD, 31.0 FEET SOUTH OF THE SOUTH EDGE OF A PARKING LOT, 28.5 FEET NORTHEAST OF THE SOUTHEAT CORNER OF A MARINE GAS PUMP ISLAND AND 27.0 FEET SOUTH OF A GATE IN A CHAIN LINK FENCE.

BENCH MARK ELEV. IS 3.85' ABOVE MLLW FOR THE 1983-2001 TIDAL EPOCH.

CONTRACTOR NOTE

THE CONTRACTOR SHALL VERIFY TO HIS SATISFACTION ALL DISTANCES, AZIMUTH, BEARINGS AND COORDINATES SHOWN ON THESE PLANS, PRIOR TO THEIR USE FOR ANY CHANNEL STAKE OUT, SHORE STATION LOCATIONS FOR ELECTRONIC POSITIONING EQUIPMENT OR ANY OTHER DREDGING PURPOSES. THE BALTIMORE DISTRICT CORPS OF ENGINEERS IS NOT RESPONSIBLE IN ANY WAY FOR ANY DREDGING OR CONSTRUCTION PROBLEMS RESULTING FROM A FAILURE OF THE CONTRACTOR OR SUBCONTRACTORS TO CONFIRM COORDINATES, DISTANCES AND AZIMUTHS SHOWN ON PLANS PRIOR TO ANY DREDGING OR CONSTRUCTION.

NOTE:

1. STATIONS ARE AT 1000' INTERVALS.
2. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.
3. VERTICAL DATUM: M.L.L.W., FOR THE '83 TO '01 TIDAL EPOCH.
4. HORIZONTAL DATUM: NORTH AMERICAN 1983 DATUM, MARYLAND STATE PLANE COORDINATE SYSTEM.
5. SURVEYED BY THE HYDRO I USING A TRIMBLE GLOBAL POSITIONING SYSTEM.
6. THE BOTTOM WAS DEFINED BY AN ODOM HYDROTRAC DEPTH SOUNDER.
7. PROJECT DEPTH: 12 FEET.
8. CHANNEL WIDTH IS 150 FEET. SOUTH FORK CHANNEL WIDTH IS 250 FEET.
9. HYDROGRAPHIC SURVEY PERFORMED ON 3 & 4 AUGUST 2011. TOPOGRAPHIC SURVEY PERFORMED ON 22 MAY 2008.
10. MAPPING WAS COMPILED FROM AERIAL PHOTOGRAPHY DATED 25 MARCH 1995 BY BY EASTON UTILITIES.

US Army Corps of Engineers
Baltimore District

Mark	Description	Date	Appr.

Mark	Description	Date	Appr.

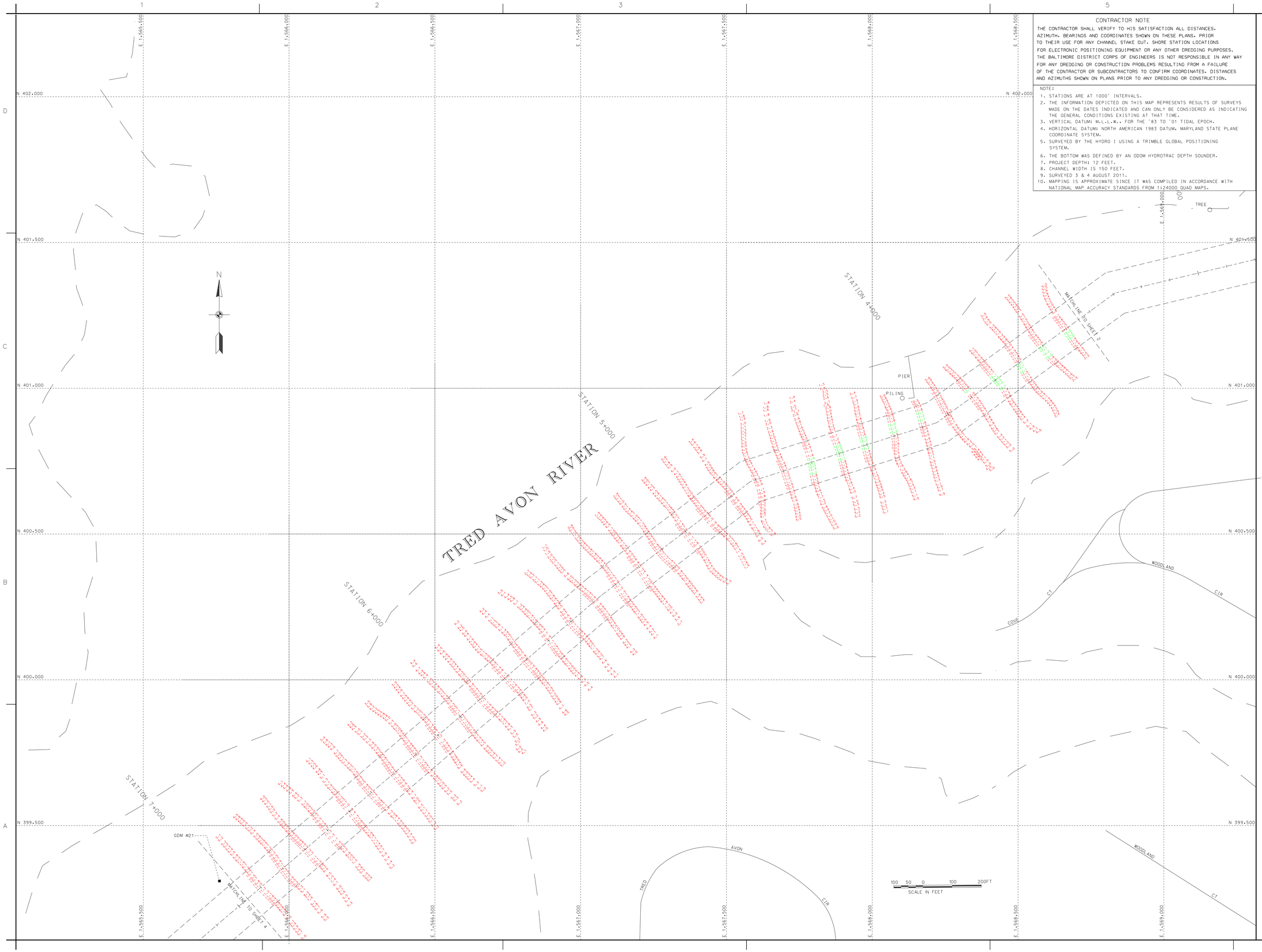
U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by:
Dwn by: JAH
Ckd by: SMG
Reviewed by: SMG
Submitted by:
Chief, Nav. Branch
Date: AUGUST '11
Rev.
Design file no. FILE:41 MAP:11-003
Drawing code:
File name:SH01_05C022AUG2011
Plot date:
Plot scale:

TALBOT COUNTY
MARYLAND

CONDITION SURVEY
TRED AVON CHANNEL
STATION 0+000 TO 3+400
SOUTH FORK CHANNEL
0+000 TO 0+950

Sheet reference number:
V-102
Sheet 2 of 5



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8. CHANNEL WIDTH IS 150 FEET.
9. SURVEYED 3 & 4 AUGUST 2011.
10. MAPPING IS APPROXIMATE SINCE IT WAS COMPILED IN ACCORDANCE WITH NATIONAL MAP ACCURACY STANDARDS FROM 1:24000 QUAD MAPS.

US Army Corps of Engineers
Baltimore District

Mark	Description	Date	Appr.

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

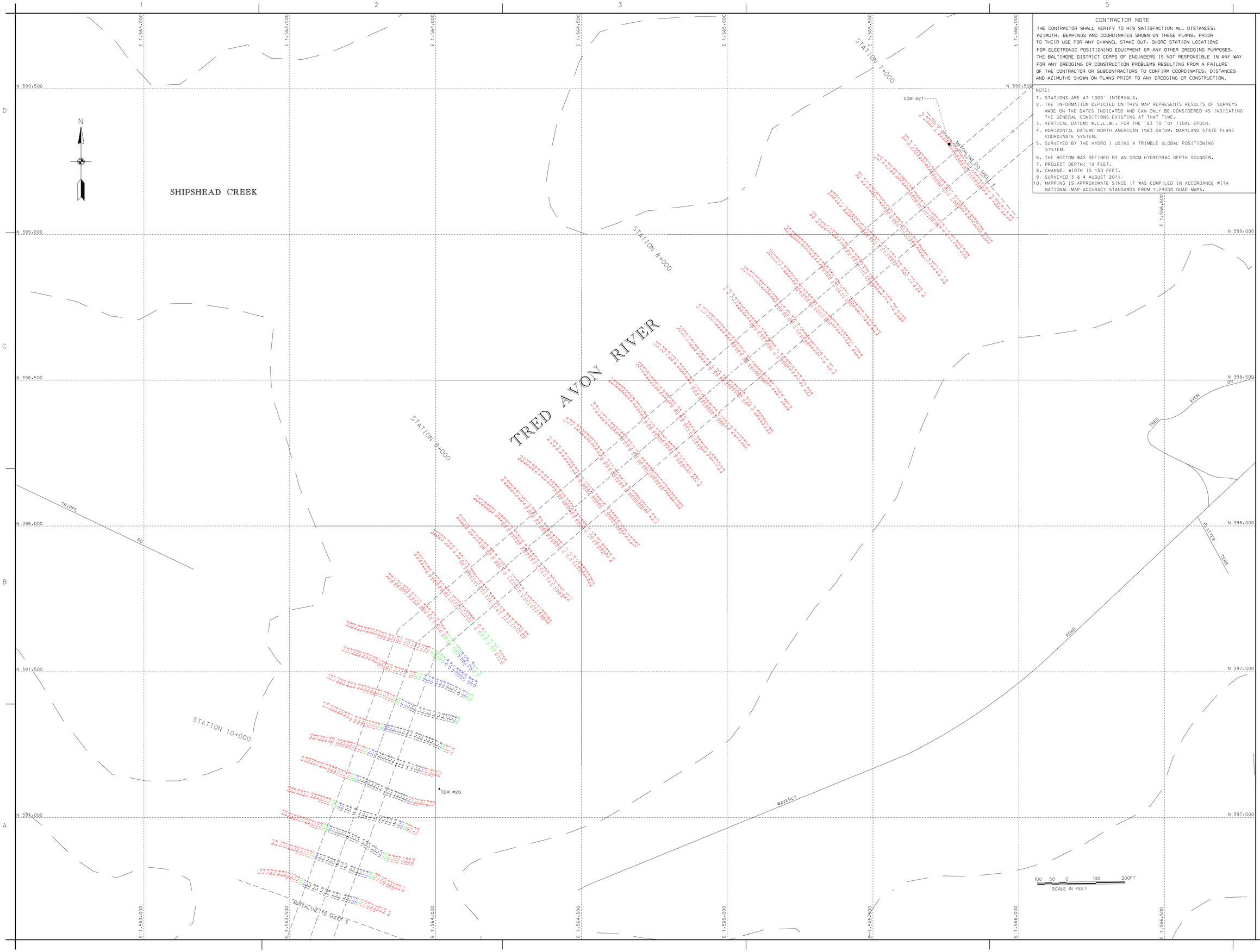
Designed by: JAM	Date: AUGUST 11
Dwn by: JAM	Scale: 1:1
Reviewed by: SMD	Project No: FTL5.4 MAP111-004
Submitted by:	Drawing code:
Chief, Nav. Branch	File name: MD-.005022NAV.DGN
	Plot date:
	Plot scale:

Rev.

TALBOT COUNTY
MARYLAND

CONDITION SURVEY
TRED AVON CHANNEL
STATION 3+500 TO 6+900

Sheet reference number:
V-103
Sheet 3 of 5



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US Army Corps of Engineers
Baltimore District

Mark	Description	Date	Appr.

Mark	Description	Date	Appr.

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by: JAH	Date: AUGUST 11
Drawn by: SMG	Scale: 1:1
Reviewed by: SMG	Drawing number: FILE#41 MAP:11-005
Submitted by:	File name:MAP_DOC022AUG201
Chief, Nav. Branch	Plot date: Plot scale:

Rev.

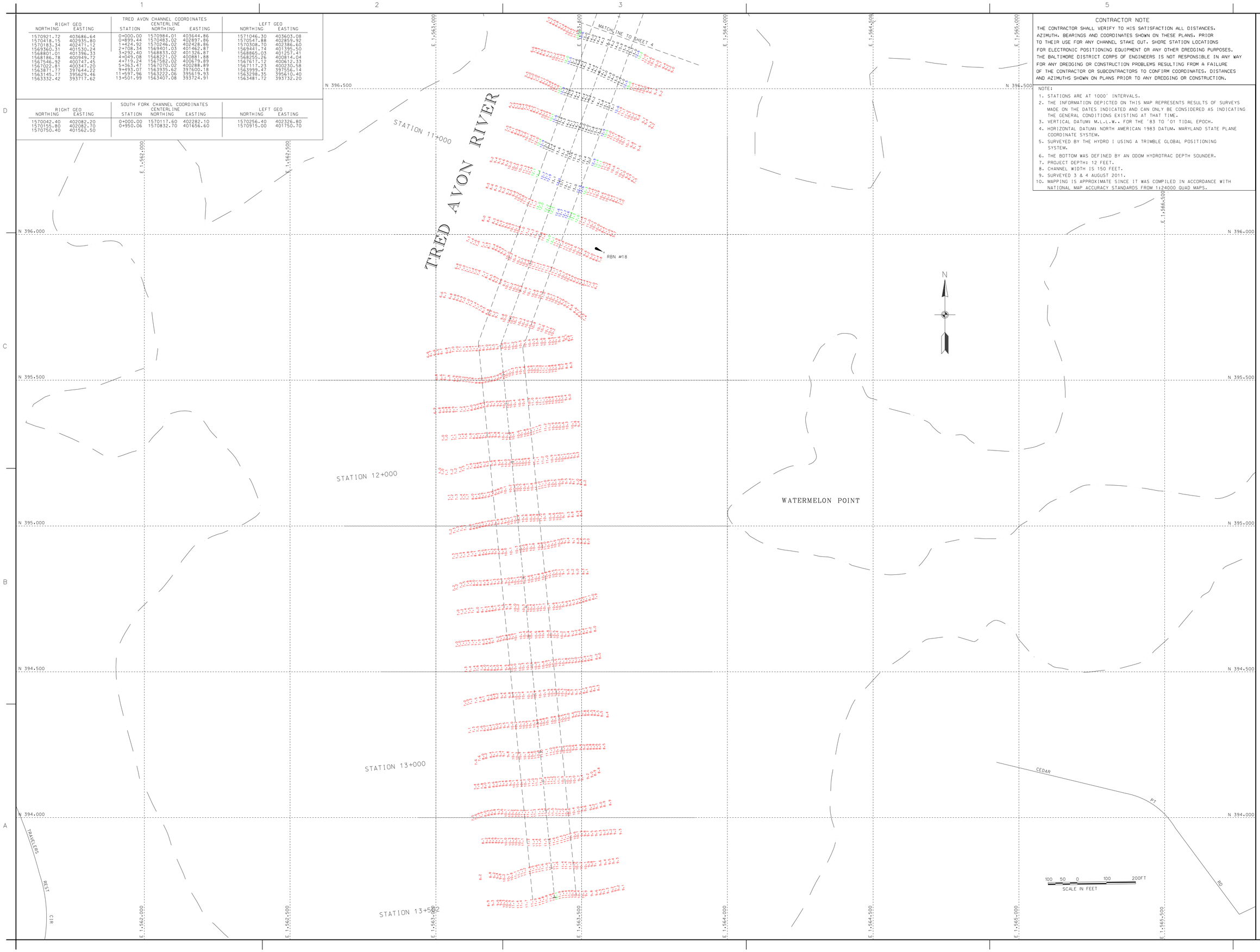
TALBOT COUNTY
MARYLAND

CONDITION SURVEY
TRED AVON CHANNEL
STATION 7+000 TO 10+400

Sheet reference number:
V-104
Sheet 4 of 5

TRED AVON CHANNEL COORDINATES					
RIGHT GEO		CENTERLINE		LEFT GEO	
NORTHING	EASTING	STATION	NORTHING	EASTING	NORTHING	EASTING
1570921.72	403686.64	0+000.00	1570984.01	403644.86	1571046.30	403603.08
1570418.15	402935.80	0+899.44	1570483.02	402897.86	1570547.88	402859.92
1570183.34	402471.12	1+424.92	1570246.02	402428.86	1570308.70	402386.60
1569360.31	401530.24	2+708.34	1569401.03	401462.87	1569441.74	401395.50
1568801.01	401396.33	3+292.40	1568833.02	401326.87	1568865.03	401257.41
1568186.78	400949.72	4+049.08	1568221.02	400881.88	1568255.26	400814.04
1567546.92	400747.45	4+719.24	1567582.02	400679.89	1567617.12	400612.33
1567022.81	400347.20	5+363.47	1567070.02	400288.89	1567117.23	400230.58
1563871.77	397644.22	9+493.07	1563935.62	397600.18	1563999.47	397556.14
1563145.77	395629.46	11+597.96	1563222.06	395619.93	1563298.35	395610.40
1563332.42	393717.62	13+501.99	1563407.08	393724.91	1563481.72	393732.20

SOUTH FORK CHANNEL COORDINATES						
RIGHT GEO		CENTERLINE			LEFT GEO	
NORTHING	EASTING	STATION	NORTHING	EASTING	NORTHING	EASTING
1570042.40	402082.20	0+000.00	1570117.60	402282.10	1570256.40	402326.80
1570155.80	402082.70	0+950.06	1570832.70	401656.60	1570915.00	401750.70
1570750.40	401562.50					



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US Army Corps of Engineers
Baltimore District

Symbol	Description	Date	Appr.

Symbol	Description	Date	Appr.

U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Designed by: | Date: AUGUST - 11 | Rev.
Drawn by: JAH | Checked by: SMD | Drawing name: FILE:48 - MAP:11-006
Reviewed by: SMD | Drawing code:
Submitted by: | File name:PVOC_OCCO2AUG2011
Plot date:
Chief, Nav. Branch: | Plot folder:

TALBOT COUNTY
MARYLAND

CONDITION SURVEY
TRED AVON CHANNEL
STATION 10+500 TO 13+502

Sheet reference number:
V-105
Sheet 5 of 5