



BAY BRIDGE RUN

TRAFFIC CONTROL PLAN

COURSE OVERVIEW

The second annual Bay Bridge Run will take place on Sunday, November 13, 2022. The event is a relaunch of the Across the Bay 10K which took place from 2014 through 2018 before event owner Ironman decided to discontinue the event in early 2021. The Bay Bridge Run is owned by Corrigan Sports Enterprises of Elkridge, Maryland. The event is expected to attract 16,000 participants in 2022, up from 12,000 one year ago. Participants will cross the eastbound span of the Chesapeake Bay Bridge (William Preston Lane Jr. Memorial Bridge) on foot (running or walking) and enjoy a post-race celebration in the Chesapeake Bay Business Park in Queen Anne's County. Runners will be sent in waves from 7 am until 9:30 am with the objective of having all runners off the bridge by 11:30 am and re-opening the bridge to motor vehicle traffic by Noon. The contract between the state of Maryland and Queen Anne's County, the sponsor of the event, grants access to US 50 and the bridge until 2 pm.

START LOCATION

Northrop Grumman in Annapolis, Maryland on Oceanic Drive just west of the security gate

FINISH LOCATION

Entrance to Chesapeake Bay Business Park (Skipjack Parkway)

ROUTE:

1. Start on Old Ferry Slip Road on Northrop Grumman Grounds.
2. Run north then west along Old Ferry Slip Road.
3. Make a wide 180 degree turn onto the bridge east of the toll gates.
4. Cross the eastbound span of the Chesapeake Bay Bridge from west to east (~ 4.5 miles).
5. At the eastern end of the bridge, exit onto Pier One Road west of the crossover via an existing 12 foot wide wood pedestrian bridge.
6. Run east on Pier One Road for 0.7 miles to State Highway 8.
7. Run north along the southbound shoulder of State Highway 8 for approximately 0.5 miles.
8. Turn left onto Skipjack Parkway.
9. Finish on Skipjack Parkway (entrance to Chesapeake Bay Business Park).

EVENT TIMELINE

12 am – 2 am	Closure of eastbound bridge, two-way traffic on westbound span commences
2 am – 6 am	Set up of traffic control measures
6:45 am – 9:30 am	Race begins in eight waves of up to 1,500 runners every 15 minutes
11:30 am	All runners and walkers expected to be off of bridge
Noon	Bridge re-opens to motor vehicle traffic

WAVE START

Runners will start in waves of approximately 1,500 participants every 15 minutes. Runners will be assigned to the waves based on pace from fastest to slowest in the interest of operational efficiency.

VEHICLES ON THE BRIDGE

- Lead vehicles (1 police car)
- Follow vehicles (1 police car)
- Medical carts (for emergency transport)

TRAFFIC CONTROL MEASURES

Closure of Eastbound Bridge: The Maryland Transportation Authority (MDTA) Bay Bridge Operations Division will handle the closure of the eastbound span of the bridge and the simultaneous establishment of contra-flow traffic on the westbound span.



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Traffic/Runner Separation at Western End of Bridge (SEE ATTACHED DIAGRAMS):

The MDTA Bay Bridge engineering department recommends the following equipment and measures to safely ensure Maintenance of Traffic (MOT) and protect the participants on the western shore:

- 600 lineal feet of jersey barriers (may be less due to some already present for current project)
- 2 Type 3 barriers
- 2 protection vehicles equipped with attenuator devices
- 175 lineal feet of pedestrian barricades

Traffic/Runner Separation at East End of Bridge (SEE ATTACHED DIAGRAMS):

- 750 lineal feet of pedestrian barricades
- 25 orange road cones
- 1 protection vehicle equipped with attenuator device at US 50 eastbound offramp to Route 8
- Detour plan for eastbound traffic on US 50

Route 8 Southbound Lane Closure: Organizers are requesting the closure of one southbound lane of Route 8 from Route 18 / Main Street in Stevensville to Pier One Road. Runners will travel northbound in this lane and on the shoulder of Route to the finish area on Skipjack Parkway in the Chesapeake Bay Business Park. The closure of this lane will prevent motorists from exiting onto Highway 50 westbound. This will necessitate two detours:

- Detour 1: Starting at Thompson Creek Rd, northbound motorists on Route 8 will be detoured via Main Street / Route 18 to Duke Street.
- Detour 2: Starting at Love Point Road, southbound motorists on Route 18 will be detoured via Main Street / Route 18 to Duke Street.

Route 18 between Main Street and Love Point Road: Route 18 north of Main Street to Love Point Road will be limited to one southbound lane and one turn lane at this intersection from 5 am until 1 pm during the event due to the runners turning into the finish area. In previous years, this section of road was closed to the general public and only accessible to the buses arriving or departing for the event. Discussions with the Queen Anne's County Sheriff's Department suggest that this limitation created traffic congestion in Stevensville and is no longer necessary to ensure the safety of participants and spectators.

Creation of Spectator/Pedestrian Lane on State Highway 18: The western shoulder of State Highway 18 will be closed from the pedestrian crossing adjacent to Kent Island High School south for 0.5 miles to the finish area in Chesapeake Bay Business Park. This plan will include:

- 36-inch cones spaced every 40-50 feet on the white stripe designating the shoulder to contain the pedestrians, reduce the speed of nearby southbound motor vehicle traffic, and discourage parallel parking.
- Queen Anne's County Sheriff's Department deputies and Maryland State Patrol police will be at the pedestrian crossing and the intersection of Route 18 and Schooner Parkway to ensure safety.

COURSE SUPPORT SET UP

From 2 am until 6 am, while traffic control measures are set up, race staff and vendors will set up the following items on the bridge and course route:

- Water Stations: At mile 2 on the bridge (approximately the midpoint of the race). No cups will be used.
- Medical Stations: Two personnel on medical Gators with radios every 0.2 miles along the route
- Police on Course: MDTA police with radios every half mile along the route
- Porta-potties: 20 units, placed in ten groups of two every half mile along the bridge
- Signs: Temporary mile marker flags and sponsorship acknowledgment banners

BAY BRIDGE RUN COURSE ROUTE (11/13/2022)



**FINISH AREA
(TERRAPIN INDUSTRIAL PARK)**



**START AREA
(NORTHROP GRUMMAN)**

