



United States Capitol Visitor Center Weekly Construction Summary



Prepared by the Capitol Visitor Center Project Office, Architect of the Capitol

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During the week of April 5-9, 2004, workers began placing the second concrete slab on the CVC roof deck in front of the original Senate wing.

This Week – Ongoing Work – 4/12/04 through 4/16/04

East Front Plaza Highlights:

- Concrete placements for the second roof deck slab will continue on the north side of the site over the next several weeks.
- Crews will continue placing and testing waterproofing applications on the roof deck.
- Concrete placements will continue in all three levels of the CVC.
- The formwork for the floor slab of the Great Hall is substantially complete.
- Crews continue to build mechanical spaces, erect formwork, excavate and install utilities throughout the site.

East Front Extension (Inside the Capitol)

- Crews will continue to erect structural steel inside the East Front Extension and continue with demolition activities to clear the way for elevator shafts, escalators, stairwells and new mechanical systems.

Truck Tunnel Construction

- Crews continue to assemble rebar and formwork for the tunnel walls and roof deck. Concrete pours and waterproofing applications will occur for the next several weeks.
- Workers will begin this week to remove the temporary bridge structure on Constitution Avenue that lies over the new truck tunnel just east of New Jersey Avenue NW. Once the bridge is removed, crews will backfill the zone, place asphalt for the road and re-establish sidewalks and curbs. The work will be accomplished in two phases--first the south side, then the north side--in order to maintain traffic flow on Constitution Avenue at all times. However, in an effort to avoid impacts to parking, Constitution Avenue will be reduced from four lanes to three for the six-week restoration period.

Library of Congress (LOC) Tunnel

- Workers will continue drilling piles across the eastern half of First Street SE. The piles are necessary to support the sides of the LOC tunnel walls before excavation occurs.
- Excavation continues near the northwest corner of the LOC building. A crew has begun constructing a temporary bridge along the western half of First Street over the excavation zone to allow excavation to occur without disrupting traffic.
- Weather permitting, crews will begin assembling the formwork for the floor slab of the tunnel within the CVC site.

A crew applies waterproofing materials to a concrete slab in front of the Senate Wing.



Next Week – 4/19/04 - 4/23/04

East Front Plaza Work

- Crews will continue to waterproof portions of the CVC roof slab, conduct waterproofing tests, lay a 6-inch gravel bed and place the second or “topping” slab of concrete throughout the northern half of the roof deck.
- Crews will continue to install utilities, build mechanical spaces, erect formwork and place concrete floor slabs for all three below-ground levels of the CVC.

East Front Extension

- Steel crews will continue to erect steel within the East Front concrete structure. Demolition of structural elements will continue on all levels within the East Front Extension and in the Carriageway below the East Front Center Steps. Demolition of major structural columns will continue inside the East Front transition zone. Major slab demolition for the two 25-passenger elevators is being completed within the north side of the East Front.



A worker uses a blow-torch to cut through steel rebar below the East Front Center Steps. Most of the concrete slab in the foreground has been removed to clear the zone for a grand staircase and escalators that will connect the CVC to the Capitol.

Truck Tunnel Construction

- Crews will continue to erect formwork, place concrete and waterproof the roof deck and walls in all areas of the truck tunnel construction zone.
- Work to restore Constitution Avenue will continue for several weeks

Library of Congress (LOC) Tunnel

- Excavation will continue in First Street SE and continue adjacent to the northwest corner of the LOC building.
- Crews will continue installing a temporary bridge along First Street over the tunnel excavation zone.
- Formwork assembly and concrete placements will continue within the CVC site for the tunnel floor slab.