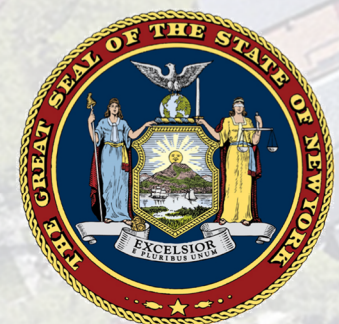


Build Alternative – Tunnel Ventilation with Jet Fans



Zurich North Bypass highway, Switzerland

- Longitudinal ventilation with jet fans
 - 3 Locations: near south portal, near middle of tunnel, and near north portal
- Jet fans would automatically operate, as needed, based on air quality monitoring
- Jet fans are not expected to operate often, since the piston effect created by traffic flow is sufficient to provide adequate air circulation within the tunnel
- Use of high-quality equipment, with minimal inspection & maintenance requirements (1x / year)



Office of the
Governor

KATHY HOCHUL
Governor



MARIE THERESE DOMINGUEZ
Commissioner

Department of
Transportation

