

Company: Gateway Development Commission

Job Title: Deputy Chief of Program Delivery (Design Oversight of the Engineer of Record)

Location: New York/New Jersey

Date: July 09, 2025

Job ID: 2-022

Summary of Responsibilities

The Deputy Chief of Program Delivery for the Hudson Tunnel Project (HTP) is responsible for the leadership and management of all technical and commercial oversight functions related to the Engineer of Record (EOR). This role ensures that the EOR's design services are delivered in accordance with the program's technical requirements, schedule, and commercial terms. The Deputy Chief serves as a key executive within the Program Delivery organization, reporting to the Chief of Program Delivery Officer (CPD) and the Chief Engineer (CE), they will work in close coordination with construction, commercial, and stakeholder teams.

Essential Functions

1. Technical Oversight of the EOR:

- Lead oversight of all EOR design deliverables for the Hudson Tunnel Project, including drawings, specifications, calculations, and technical reports.
- Ensure EOR compliance with the Gateway Program Requirements Document (PRD), Basis of Design (BOD), environmental commitments (e.g., NEPA/FEIS/ROD), and applicable codes and standards (e.g., AREMA, NFPA 130, NYC/NY/NJ building codes).
- Review and approve EOR design submittals in coordination with Independent Technical Reviewers (ITR) and third-party advisors.
- Direct interface management between EOR and upstream/downstream designers (e.g., Hudson River Ground Stabilization, Palisades Tunnels, Hudson River Tunnels, Manhattan Tunnels, NJ Surface Alignment, Hudson Yards Concrete Casing, Package 2A and 2B).
- Monitor incorporation of utility relocation requirements, site constraints, and constructability input from CM/GC and DB contractors.
- Track design risks, technical NCRs, and lessons learned, and facilitate issue resolution in coordination with the Program's Risk Management team.
- Lead regular design assurance reviews and readiness assessments prior to construction transitions.
- Coordinate with geotechnical and structural experts to verify the design assumptions and ground behavior modeling.
- Ensure that tunnel and systems design integrate with permanent power, emergency egress, and operations control systems.
- Lead value engineering reviews and alternative technical concepts (ATCs) assessments with cost-benefit analysis.
- Facilitate interdisciplinary design coordination meetings to resolve interface issues proactively.

2. Commercial Oversight of the EOR:

- Manage EOR performance relative to contractual scope, deliverables, milestones, and budget.
- Review and validate EOR invoices, progress reports, and Earned Value Management (EVM) data to confirm alignment with actual progress and contract terms.
- Assess and negotiate scope changes, schedule impacts, and claims arising from third-party comments, stakeholder changes, EOR errors and/or omissions, or unforeseen conditions.
- Support the preparation and issuance of contract modifications and change orders in coordination with the Contract Administration and Legal teams.
- Maintain clear documentation of scope evolution and decision history to support audit and governance requirements.

3. Strategic Integration & Stakeholder Coordination:

- Serve as the primary point of contact between the EOR and internal/external interfaces, including:
 - Construction Management (SEPs/GC & DB Contractors)
 - Amtrak, NJ TRANSIT, FTA and FRA
 - New York and New Jersey regulatory authorities PANYNJ, and utility owners
- Ensure timely resolution of design issues requiring third-party approvals (e.g., tunnel clearances, fire-life safety, code variances).
- Champion an integrated design approach that enables optimized project phasing, sequencing, and cost control.

4. Leadership and Reporting:

- Provide executive briefings to the Chief of Program Delivery, Chief Executive Officer, other members of the GDC executive team, and Board as required.
- Maintain high standards of quality, accountability, and professional integrity in managing the EOR relationship.
- Support the development of KPIs, dashboards, and monthly performance reports for design progress tracking.

Job Requirements

- Minimum 10 years of experience delivering complex heavy civil, tunneling, or rail infrastructure programs, with at least 5 years in a senior leadership capacity.
- Strong working knowledge of CM/GC and DBB delivery models, including integration of early works, utility relocation, and rail operations.
- Demonstrated expertise in managing multi-disciplinary EORs, including architectural, civil, geotechnical, structural, MEP, and systems integration.
- Familiarity with FTA and FRA-funded programs, including grant compliance and procurement protocols.
- Undergraduate in Engineering or similar is required or four (4) years directly related professional experience may be accepted in lieu of a bachelor's degree, in addition to the (10) years' experience required below.
- Professional Engineering (PE) license strongly preferred; PMP or equivalent certification preferred. engineering

Compensation & Benefits

- Competitive Salary
- Medical, Prescription, Dental, Vision Benefits subject to employee contributions
- Medical and Dependent Care Flexible Spending Accounts
- Life Insurance
- Commuter Benefits
- 401(a) Retirement Plan (6% of employee's salary funded by GDC)
- 457(b) Retirement Plan – (Pre-Tax Salary Contributions Elected by Employees)
- Earned Vacation (20 days per year) and Sick Time (12 days per year)
- Paid holidays

Project Background

The Gateway Program is the most urgent infrastructure program in the country – a comprehensive set of rail investments that will improve commuter and intercity services, add needed resiliency and, in its later stages, create new capacity between Newark, New Jersey and New York City, the busiest section of the Northeast Corridor (NEC). The NEC between Boston, Massachusetts and Washington, D.C. is the nation's busiest rail corridor, supporting a region that produces 20% of the Gross National Product. The 10-mile segment of the NEC within the scope of the Gateway Program carries over 200,000 daily Amtrak and NJ TRANSIT passenger trips on approximately 450 trains during non-pandemic conditions and is a vital artery in the region.

The first phase of the Gateway Program includes the Hudson Tunnel Project, which includes the construction of a new two-track tunnel under the Hudson River connecting to Penn Station New York as well as the full rehabilitation of the existing 110 year-old North River Tunnel. The project would create operational flexibility, rail network redundancy, and resiliency against future impacts to the Hudson River rail crossing. Environmental review for the project was completed in May 2021.

The Gateway Development Commission, established through bi-state legislation, is responsible for the financing and development of the Hudson Tunnel Project. The Commission is governed by a Board of 7 Commissioners appointed by each of Amtrak, New Jersey, and the New York State Department of Transportation, and works in partnership with Amtrak, NJ TRANSIT and the Port Authority of New York and New Jersey.

The Gateway Development Commission is proud to be an Equal Opportunity Employer and administers all personnel practices without regard to race, color, religion, sex, national origin, sexual orientation, disability, protected veteran status or military status, or any other category protected under applicable law. We encourage qualified people from all backgrounds to apply.

Attention all applicants who have applied for the Deputy CPD – Design Oversight position (Job ID: 2-016)! We will be considering your resume for the Deputy CPD – Design Oversight (Job ID: 2-022), provided you meet the minimum qualifications required for the role!

To apply, please email your cover letter and resume to jobs@gatewayprogram.org with the job title "Deputy Chief of Program Delivery (Design Oversight)" in the subject line.