

# Celina Perez

## Project Manager

Rockville, MD - Email me on Indeed: [indeed.com/r/Celina-Perez/68711d2be14f91ce](https://www.indeed.com/r/Celina-Perez/68711d2be14f91ce)

To relocate to Houston, Texas and work as a project manager with an emphasis on civil pipeline design and rehabilitation for various projects.

### WORK EXPERIENCE

#### Project Manager

URS Corporation - Baltimore, MD - August 2005 to Present

Manage and coordinate office staff and sub-consultants, in addition to maintaining project schedule, budget, and task assignments for various pipeline design and rehabilitation projects from initial investigations through construction oversight:

- Sanitary Sewer Rehabilitation Basic Order Agreement, Washington Sanitary Suburban Commission, Montgomery, MD – Project Manager. A five-year consent order project to design the rehabilitation of priority ranked manholes and pipelines including environmental assessment, permit acquisition, feasibility design of access paths, and design and construction oversight for the repair of manholes, sewers, and exposed pipes.
- Design Improvements for Herring Run Interceptors, City of Baltimore, MD – Project Manager. A design project to rehabilitate approximately 25,000 LF of sewer interceptor piping via cured-in-place pipe and relocate portions of the interceptors by microtunneling approximately 2,200 LF of 54-inch sanitary sewer in addition to open cut installation of approximately 3,800 LF of 8-inch to 54-inch pipe.
- Water and Sewer Main Extension Engineering Design Services, Howard County, MD –Project Manager. An on-call project to provide water and sewer main design support. Project task orders include relocation of water main due to bridge improvements, sewer relocations via HDD, water main replacement, rehabilitation of exposed pipes, and extension of water mains and sewer lines to property owners within service areas.
- Evaluation and Rehabilitation of the Patapsco Interceptor and Relief, Baltimore County, MD – Project Engineer. A condition assessment and design project that included system mapping, structural evaluation, and rehabilitation design for over 19,000 LF of 21-inch to 54-inch interceptor piping and over 19,300 LF of 48-inch to 72-inch relief interceptor piping.

#### Environmental Engineer

CDM - Carlsbad, CA - November 2003 to July 2005

Assisted in the civil design of various water and wastewater projects. Specific project tasks included designing yard piping drawings, completing pipe and pump calculations, producing technical reports, writing specifications, responding to clients, and reviewing contractor submittals:

- Project P1-102, Secondary Activated Sludge Facility 2 at Plant No. 1, Orange County, CA - Project Engineer. Project P1-102 involved upgrading Orange County Sanitation District's wastewater treatment plant to full secondary standards and provided Plant No. 1 with a new 80 MGD activated sludge system.

- Robert A. Skinner Filtration Plant, Riverside County, CA - Project Engineer. The Robert A. Skinner Filtration Plant project increased the capacity of treated water by 110 MGD through the construction of an additional treatment module and ozone facility.

- Yorba Linda Feeder Bypass, Orange County, CA - Project Engineer. The Yorba Linda Feeder Bypass project provided 120 CFS of untreated blend water to Municipal Water District through the Yorba Linda Feeder, a 1700 LF, 54-inch diameter, steel pipe.

### **Engineering Aide**

Caltrans First Flush Project, UCLA - Los Angeles, CA - October 2002 to June 2003

Performed data collection and water quality analysis of stormwater runoff in West Los Angeles for the state-wide monitoring study.

### **Research Assistant**

Caltrans First Flush Project, UCLA - October 2002 to June 2003

Civil Engineering Department, UCLA

Assisted in the development of new techniques to remove trace amounts of military explosives from wastewater using anaerobic digestion.

## **EDUCATION**

### **Master of Engineering in Environmental Engineering**

Johns Hopkins University

May 2009

### **Bachelor of Science in Civil Engineering**

University of California - Los Angeles, CA

June 2003

## **CERTIFICATIONS/LICENSES**

### **Professional Engineer**

July 2008 to July 2012

Maryland

### **Professional Engineer**

February 2010 to June 2013

California

### **NASSCO certified**

MACP/ PACP/ LACP

## **GROUPS**

### **American Water Works Association**

Chesapeake Section

### **Water Environment Federation**

Chesapeake Section

## PUBLICATIONS

### **Trenchless Technologies for the rehabilitation of sewers: Case study of the Patapsco interceptors**

[http://henrystewart.metapress.com/app/home/contribution.asp?](http://henrystewart.metapress.com/app/home/contribution.asp?referrer=parent&backto=issue,4,9;journal,1,8;linkingpublicationresults,1:121140,1)

[referrer=parent&backto=issue,4,9;journal,1,8;linkingpublicationresults,1:121140,1](http://henrystewart.metapress.com/app/home/contribution.asp?referrer=parent&backto=issue,4,9;journal,1,8;linkingpublicationresults,1:121140,1)

June 2010

Perez, C. "Trenchless Technologies for the rehabilitation of sewers: Case study of the Patapsco interceptors, Baltimore." Journal of Public Works and Infrastructure 2(4): 307-317, 2010.

## ADDITIONAL INFORMATION

Computer Proficiency

- Microsoft Office
- AutoCAD
- Infoworks CS and WS