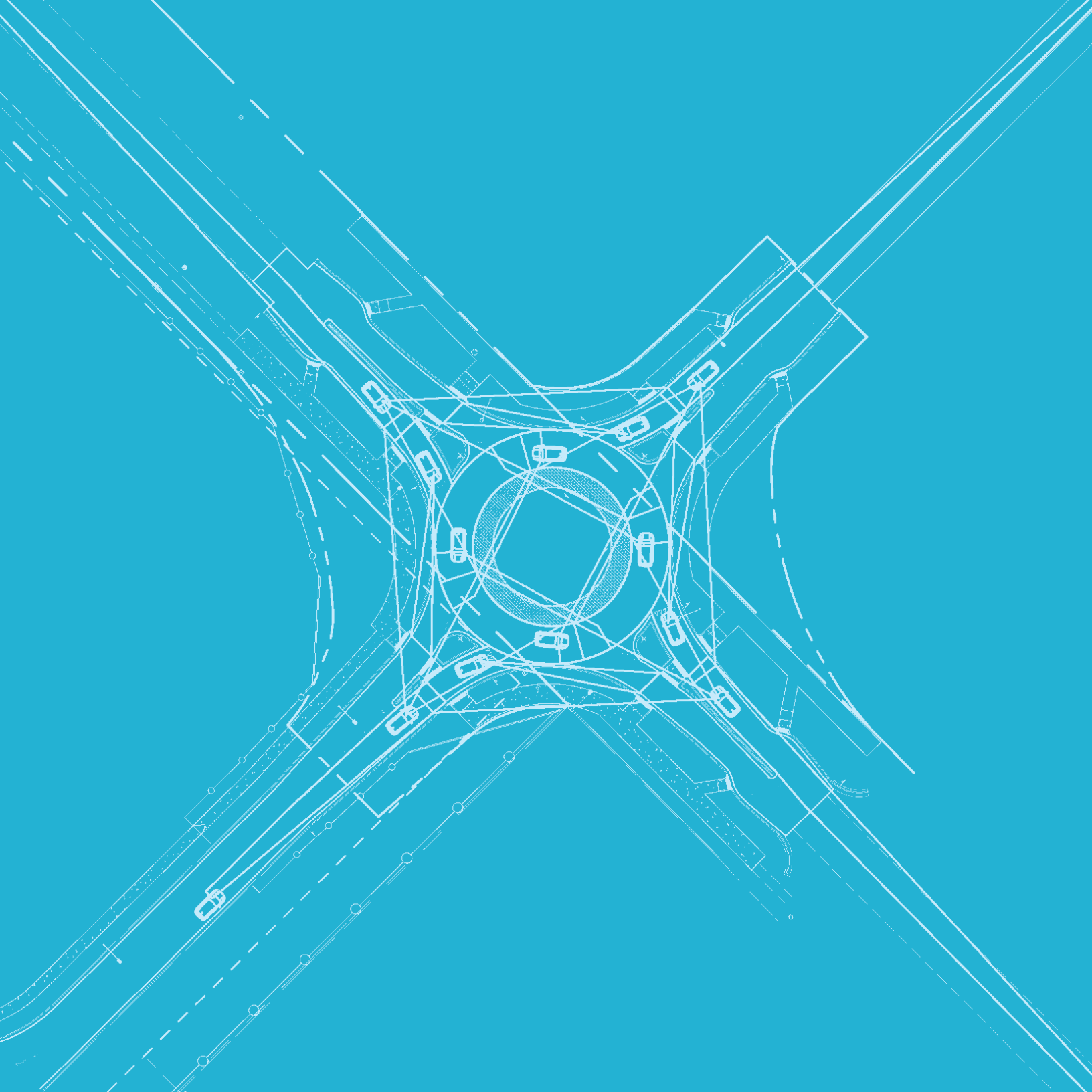




CHW







B R I N G I N G  
C H A N G E  
T H A T  
E V E R Y O N E  
C A N F E E L .



**AT CHW,** we survey, plan, design, engineer, administer and inspect with a purpose: to positively transform the communities we serve. From designing municipal projects to engineering new roadway systems, we empower progress, concept to construction. Learn how we merge the practical and purposeful to move every client in the right direction.





## E N G I N E E R I N G

CHW's dedicated engineering professionals utilize detailed and innovative solutions throughout the design process to minimize change orders and contractor RFIs, ensuring a smooth progression from planning to construction. Our goal is to provide a superior set of construction plans for your project.

### **Site Feasibility Analysis**

### **Value Analysis**

### **Master Planning Engineering Analysis**

### **Site Design and Engineering**

### **Utilities Infrastructure Engineering Design & Analysis**

### **Stormwater Management Systems**

### **Sustainable Design Services (*LEED, Low Impact Design, ISI Envision*)**

### **Municipal, County, State, and Federal Permitting**



## T R A N S P O R T A T I O N

Transportation projects create linkage between our communities' residential, commercial, educational, and recreational offerings. These projects can be as fundamental as a sidewalk or as significant as components of the interstate highway system. Transportation ranges from the passive recreation provided by trails to the high-speed movement of people and goods throughout the state by road, rail, air, or water. CHW serves to support the functional design of all these modes.

### **Planning, Operational & Safety Traffic Studies**

### **Infrastructure Assessment and Inventory**

### **Roadway Design**

### **New Construction for Site Development**

### **Roadway Reconstruction**

### **Roadway Rehabilitation**

### **Context Sensitive Solutions**

### **Bicycle and Pedestrian Facilities**

### **Signalization and ITS**

### **Maintenance of Traffic (MOT)**

### **Safety Improvements**



C O N S T R U C T I O N   S E R V I C E S

Professionalism, expertise, resourcefulness. These three components comprise CHW’s Construction Services Department. From the kickoff of construction through project completion, our team provides contract oversight and construction supervision in addition to related construction support services to ensure the owner’s visions are fulfilled. CHW’s dedicated staff provides construction services to meet administration and inspection needs, helping to facilitate a smooth construction process for the owner, from bid to project closeout.

- Owner’s Representative Services**
- Pre-Construction Services**
- Bidding Administration**
- Contract Administration**
- Construction Administration (CA)**
- Construction Engineering Inspection (CEI)**
- Maintenance of Traffic (MOT) Support**

S U R V E Y I N G   +   M A P P I N G

Focused on cost-effective accurate data collection and mapping for land acquisitions, site development, planning, architectural, and engineering designs. Our surveying professionals assist you in determining the scope of your surveying needs.

- ALTA/NSPS Land Title Surveys**
  - Commercial / Residential Boundary Surveys**
  - Construction Layout Services**
  - Platting Services, Design, and Lot Staking**
  - Minor Subdivisions, Lot Splits, Boundary Adjustments**
  - Topographic and Tree Surveys**
  - As-Built / Record Surveys**
  - Wetland & Environmental Surveys**
- Platting / Condominium Surveys**
  - Hydrographic & Mean High Water Surveys**
  - FEMA Elevation Certificates**
  - Sub Surface Engineering(SUE)**
  - Aerial Mapping**
  - Terrestrial Scanning**
  - Mobile LiDAR**









## L A N D S C A P E   A R C H I T E C T U R E

CHW's Landscape Architecture department boasts a team of skilled and enthusiastic professionals with over 50 years of experience providing comprehensive landscape architectural and design services. Our versatile team is poised to undertake various design projects at various scales, from developing plans and studies, to producing reports and graphics that clearly convey design objectives and solutions to stakeholders and communities. Our approach to landscape architecture emphasizes creating innovative solutions that are responsive to the unique characteristics and intended use of each site, resulting in spaces that enhance and enrich our communities.

**Community Landscape Architecture Planning**

**Sustainable Landscape Design**

**Corridor & Streetscape Design**

**Transportation Planning and Design**

**Landscape, Hardscape, and Irrigation Design**

**Small Area Planning, Site Design, & Placemaking**

**Construction Management and Implementation**

**Illustrations, Renderings, and Animations**

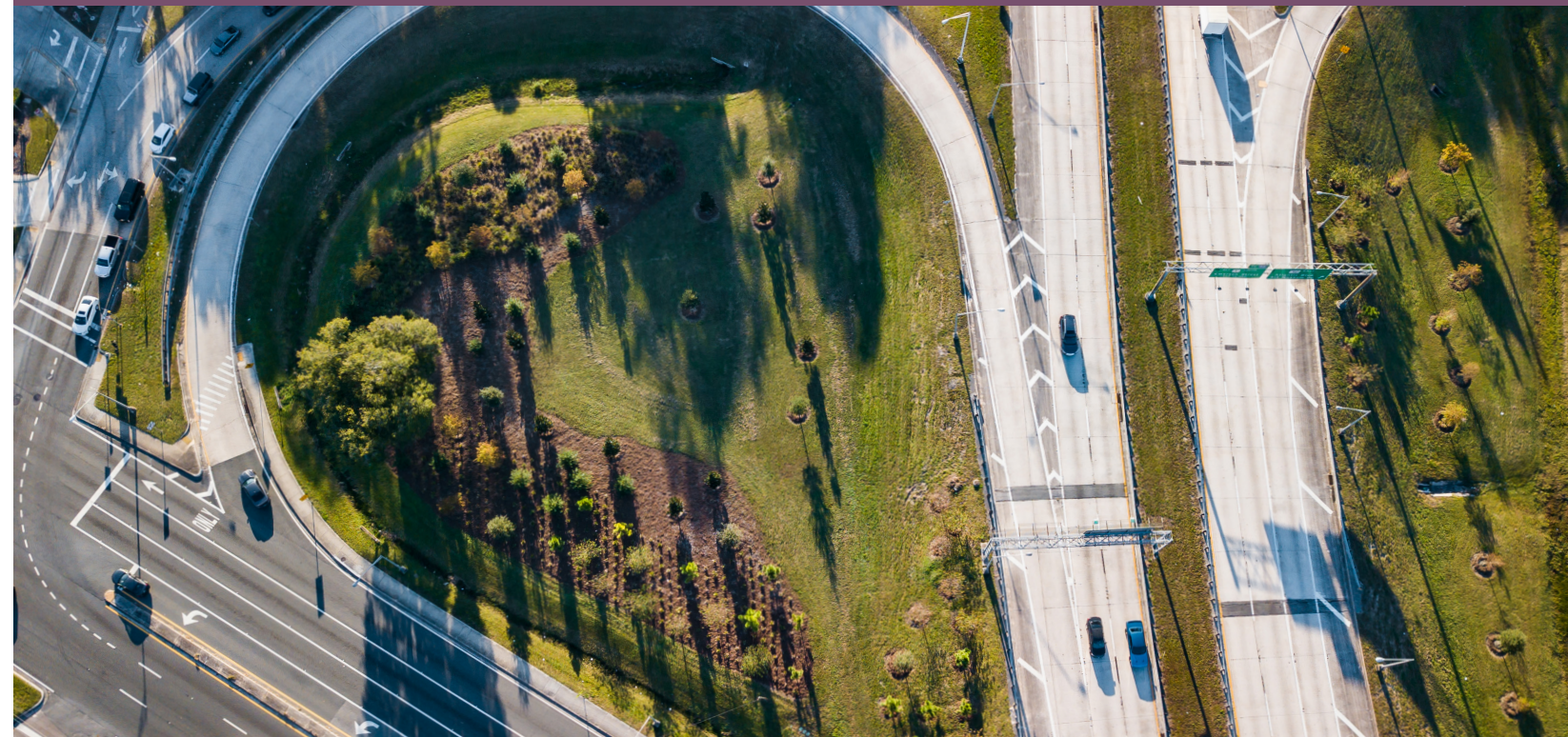
**Parks & Recreation**

**Trails & Trailhead Design**

**Amenity Design**

**Athletics Design**

**Wayfinding & Signage**











## E C O L O G I C A L   + E N V I R O N M E N T A L

CHW's Ecological Services team was founded to assist clients and communities obtain sound environmental guidance and balanced solutions for all their development and mitigation needs. From project inception to completion, we develop efficient holistic solutions backed by a multi-disciplinary team of experts to help navigate the complex regulatory rules and permitting process.

### **Wetland Delineation**

### **Threatened & Endangered Species Survey (T&E)**

### **Gopher Tortoise Survey**

### **Wetland Mitigation Design**

### **Project Development & Environmental Assessments (PD&E)**

### **State & Federal Wetland Permitting**

### **Uniform Mitigation Assessment Method (UMAM)**

### **Listed Species Permitting**

### **Wetland Compliance Monitoring & Reporting**

### **Expert Witness Testimony**

### **Water Level Monitoring**

### **Habitat Management & Restoration Plans**

### **Mitigation Banking Design & Permitting**

### **Protected Species Monitoring**

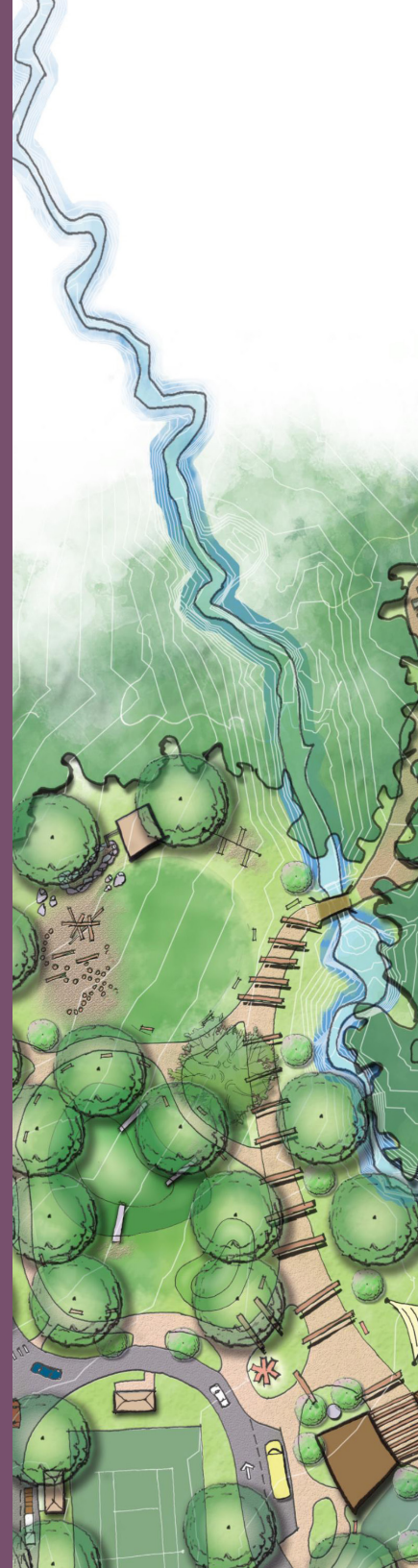
### **Seagrass & Benthic Resource Assessment**

### **Geophysical Exploration Applications**

### **Spatial Modeling & Analysis (GIS)**







## P L A N N I N G +

## U R B A N D E S I G N

CHW's Planning + Design team represents passionate planners and versatile urban designers. We work with you to provide innovative visioning, conceptual planning, and site design services to create successful spaces that enhance our communities. This multi-faceted design team can take on any role and creatively resolve any design challenges. We walk you through a regulatory process with ease, clearly convey technical information to any audience, and develop studies and reports to educate project stakeholders and the public about a project.

**Master Planning**

**Concept Design and Development**

**Due Diligence**

**Land Use & Zoning Entitlements**

**Small Area Planning, Site Design, and Placemaking**

**Visioning**

**Urban Design and Infill Redevelopment**

**Transportation Planning and Design**

**Parks & Trails Planning and Concept Design**

**Design Guidelines**

**Illustrations and Renderings**

**Graphic Design**

**Public Facilitation**

**Geographic Information Systems (GIS) Services**

**Expert Witness Testimony**

**Comprehensive Plan & Land Development Code Updates**



## C L I E N T   A D V O C A C Y

Whether your project requires civil engineering, land planning, urban design, land surveying, landscape architecture or construction quality assurance, our expert staff represents your interests and project through the course of their approval. We focus on our clients' interests by delivering entitlements and permitting as expeditiously as practicable. CHW provides community leadership through convening stakeholders, uniting interests, and achieving clients' goals. We design our Advocacy around your program.

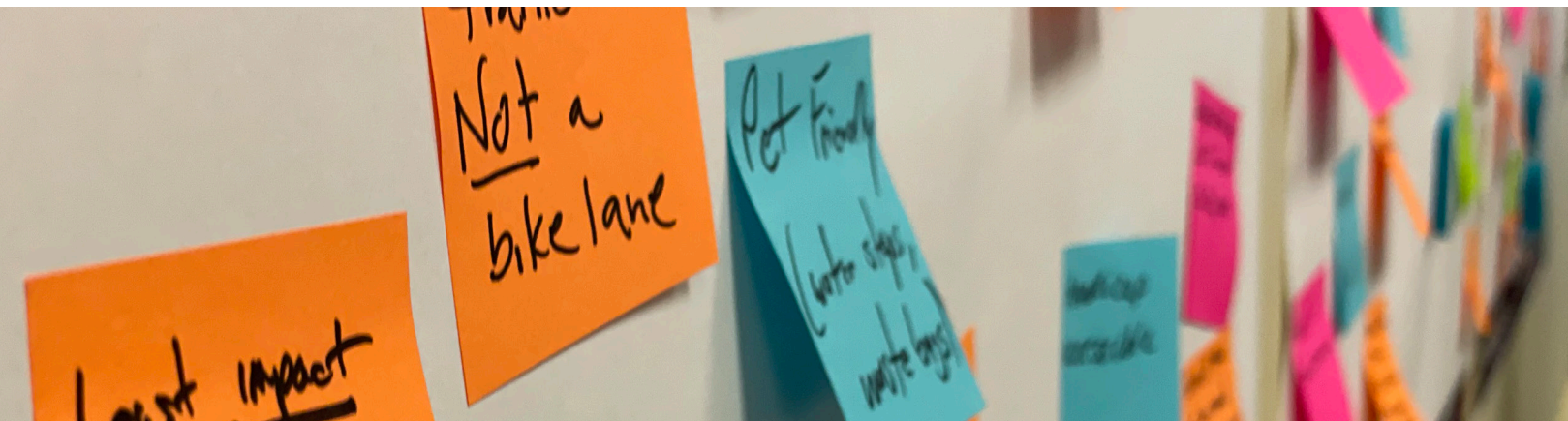
**Regulatory Entitlements** – CHW's Land Planning + Design professionals represent a diverse group with expertise, starting at the neighborhood planning level, to Statewide regulatory planning, through Federal project prioritization and funding programming. Beginning with neighborhood level, we create a programmatic process that delivers project goals.

**Site Development Permitting** – Site Development Design, Engineering, and Regulatory permitting are our primary focus. Our team of professional consultants are expert designers who navigate through the complexity of Comprehensive Plans, Land Development Codes, Regional Regulatory processes, complex access management permitting, and Federal Agency approvals.

**Conflict Resolution** – Whether in local workshops, Community Charrettes, or Courtrooms, CHW's staff is prepared to represent your project goals and deliver your vision. Our staff expertise is adept in developing consensus positions, built on grass-roots support. We understand the complexity of community development, growth management, and creating great places. We deliver expert results through our experience and expertise.

## O U R   C U L T U R E

*With a sharp mind, you can go far. But if your heart is in the right place too, you are unstoppable. That's how we define passion. It's advocating for our clients, our community and each other that spurs growth and allows everyone to move forward. That commitment to better our organization and our community, has steadily fueled us and all of our services for over 35 years. As we look to the future, our way forward is clear.*





P A S S I O N   E M P O W E R S   P R O G R E S S



[www.chw-inc.com](http://www.chw-inc.com)