



## TRANSPORTATION

### TRANSPORTATION EXPERTISE

Transportation infrastructure is poised for explosive growth. d'Escoto, Inc. is a top tier transportation design and construction engineering company with the ability to successfully deliver these projects. Our engineering professionals provide focused Phase I, II and III services with expert skill, experience and technology.

The cornerstone of our success is the ability to deliver complex projects safely, timely and efficiently. These building blocks have allowed us to assemble a team of professionals with industry leading experience and knowledge who have fostered strong relationships with key agencies.



# TRANSPORTATION

## PHASE II CIVIL ENGINEERING

Civil design engineers use industry-standard programs and procedures to assemble contract plans, specifications and estimates for complex, multimillion-dollar projects. We are experienced in geometric plans, maintenance of traffic, drainage design, 3D modeling, erosion and sediment control, landscaping, and barrier warrant analysis. We use the latest software including Microstation, Open Roads Designer, Civil Storm, and SUDA to ensure quality, consistency and efficiency. This process begins at the first concept submittal, continues through advertisement, and concludes with construction support.

d'Escoto, Inc. has utilized Microstation's 3D Corridor Modeling for both IDOT and Illinois Tollway projects. Our template database allows for the incorporation of a wide range of design features. These features include:

- Pavement transitions at ramp gores and approach pavement
- Storm sewer and utility depiction in the 3D environment
- Variable ditch and pond grading scenarios
- Earthwork estimation and analysis
- Retaining wall build/no-build options
- Visualization of potential overhead hazards such as electric power lines and runway protection zones

## REPRESENTATIVE CLIENT WORK

### ILLINOIS TOLLWAY – ELGIN O'HARE WESTERN ACCESS I-294 TO I-90, TRI-STATE AND FRANKLIN/GREEN STREET

- Developed the process to coordinate the quality calculations, summary of quantities, DBE cost breakdown, P-Pages and cost estimates
- Implemented a custom unit cost database based on past Tollway and IDOT bid tabs and assisted in the earthwork calculations and cross section sheet generation processes

### ILLINOIS TOLLWAY – SLUICE GATE PATH AT I-294 BETWEEN DEMPSTER STREET AND BALLARD ROAD

- Took full set of plans, specifications and estimates from concept to construction using primarily 3D modeling
- Coordinated with tollway, US Army Corps of Engineers and City of Des Plaines to create a mutually beneficial product

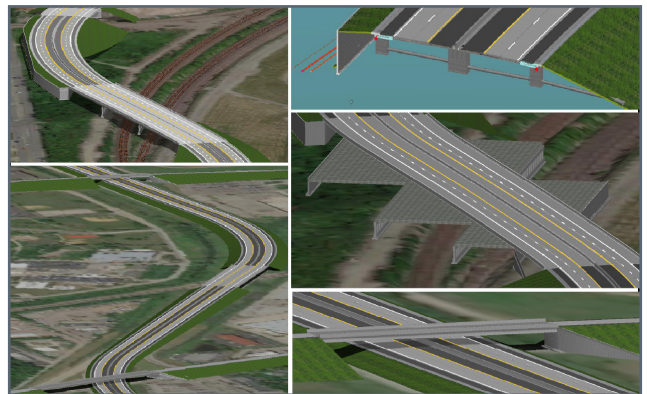
### ILLINOIS TOLLWAY – CENTRAL TRI-STATE DESIGN TOLL PLAZA 35

- Drainage design was done completely within the Open Roads ecosystem using CivilStorm
- Storm sewer network and plans were created using Bentley's SUDA software

### PACE/COOK COUNTY –

### ROSEMONT TRANSIT CENTER INTERIM IMPROVEMENTS

- Provided pavement patching, curb and gutter repair and ADA sidewalk repair following a site assessment
- Implemented a traffic maintenance and staging plan during construction to ensure proper bus access (turning and staging) and to ensure that pedestrian access was maintained through the terminal







## PHASE III CONSTRUCTION ENGINEERING

d'Escoto, Inc. has provided construction engineering services for a wide range of Phase III construction projects throughout the Illinois transportation system for the past 20 years. These projects consist of concrete road widening and replacement, asphalt resurfacing, intersection widening and signal upgrades, road and railroad bridge repair and replacements, and associated drainage and landscaping upgrades.

Our roles have consisted of resident engineers (RE), assistant REs, documentation technicians, and construction inspectors. These staff members must have the necessary IDOT certifications to successfully perform their role on each project.

Each staff member brings specific expertise and demonstrated capabilities with a comprehensive working knowledge of Agency Specifications for Road and Bridge Construction, the Agency Construction Manual as well as documentation and inspection procedures. Our collective services include general construction inspection, project finalization and documentation, survey/layout services when required, and general assistance to the Resident Engineer as required. Upon completion of each project, the staff submits final measurements, calculations, and final contract record documents to the agency per specification.

## REPRESENTATIVE CLIENT WORK

### ILLINOIS TOLLWAY REAGAN MEMORIAL (I-88)

Resurfacing 22 miles between Annie Glidden Road to IL 56, IL 56 bridge rehabilitation, and 22 other bridge rehabilitations

### IDOT DISTRICT 2 VARIOUS/VARIOUS

Reconstruction and resurfacing projects including Rt 2 Main Street widening and resurfacing multi-year project, Rock Run Creek, reconstruction of the IL 75 and IL 70 and IL 173 resurfacing

### IDOT DISTRICT 1 IL 25 STEARNS ROAD TO DUNHAM ROAD

Reconstruction of three intersections including IL 25 and Stearns Road Intersection and UPRR rail and bridge replacement

### ILLINOIS TOLLWAY JANE ADDAMS MEMORIAL (I-90)

Reconstruction between Rosemont, IL and South Beloit, WI

### CHICAGO DEPARTMENT OF TRANSPORTATION

- Wacker Drive Bridge and Road Reconstruction
- Besly Court & Wabansia Intersection widening
- 41st Pedestrian Bridge
- The 606 Bloomingdale Trail

## AT-A-GLANCE

Founded: 1972

Incorporated: 1977

President: Federico d'Escoto

Headquarters: Chicago, IL

Offices: Atlanta, GA

Certifications: MBE/DBE

## INDUSTRIES

Aviation

Transportation

Utility

Vertical

## DBE/MBE CERTIFICATIONS

City of Chicago (DBE)

Cook County (MBE)

National Minority Supplier  
Development Council (MBE) -  
Chicago, Dallas Fort Worth,  
Georgia, North Central

State of Illinois Central  
Management Services (BEP) (MBE)

## PREQUALIFICATIONS

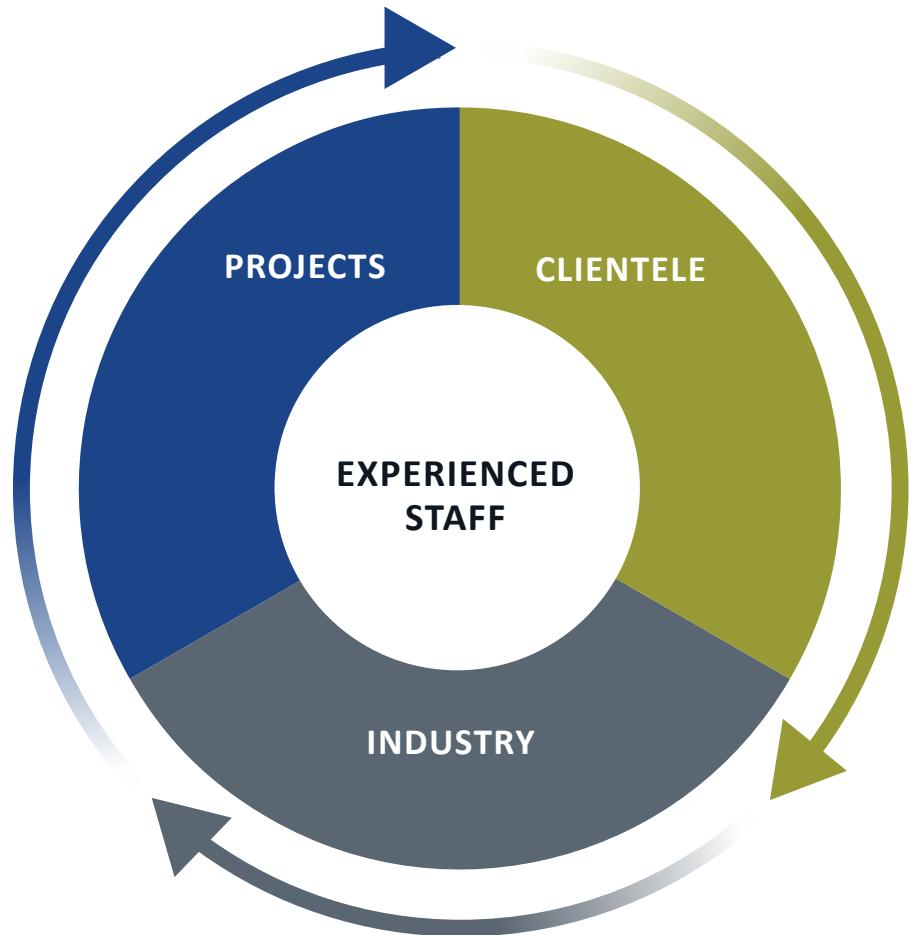
### IDOT

- Special Studies -  
Location Drainage
- Hydraulic Reports -  
Waterways: Typical
- Hydraulic Reports -  
Waterways: Complex
- Highways - Roads and Streets
- Special Services -  
Construction Inspection
- Highways - Freeways

### Kane County

- 01 Highways
- 11 Location Drainage Studies
- 12 Hydraulic Studies
- 18 Construction Inspection

# THE d'ESCOTO DIFFERENCE



**d'Escoto, Inc.** cultivates close, professional working relationships with clients and key stakeholders, providing a platform of collaboration for every project. We engage as a partner and trusted advisor to clients, responding quickly and efficiently to dynamic situations, with accurate and timely information for effective decision making.

d'Escoto, Inc., a Minority Business Enterprise (MBE), is one of the Midwest's largest Hispanic professional engineering services firms. For nearly 50 years, our clients have relied on us to deliver the highest quality service across civil engineering, construction management, owner's representation, program management and utility inspection.