

Civil/Municipal Services

For more than 60 years, municipalities and businesses throughout the mid-Atlantic region have come to rely on ARRO as their engineering firm of choice. Our expert staff provides municipalities with feasible solutions for establishing quality infrastructure that is economically viable for the growth of the community. Our unique combination of full-service capabilities backed by a proven track record of success ensures ARRO is the right choice for even the most challenging civil/municipal projects.

We know what matters to you – successful communication, cost-effective solutions and delivering exceptional results on time and within budget. We understand that our reputation rests on committing to our clients, anticipating their needs and staying ahead of their expectations

CIVIL/MUNICIPAL SERVICES

- Stormwater
- Transportation and traffic
- Plan reviews
- Parks and recreation
- Construction management and observation
- Building code enforcement and inspection
- Surveying



ARRO ADVANTAGE

- Professional, responsive service and reliable project management
- In-depth knowledge of current and developing regulations
- Comprehensive, in-house capabilities
- Innovative, award-winning solutions

Corporate Headquarters

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STORMWATER

- Runoff analysis
- Collection system designs
- Management plans and ordinances
- Detention and retention ponds
- Floodplain analysis
- Act 167 reviews and assistance
- HEC/RAS analysis

TRANSPORTATION AND TRAFFIC

- Drainage design
- Street and roadway design
- Curbing and sidewalks
- Parking studies and parking facilities design
- Traffic signalization warrant studies, design and reviews
- Traffic counts
- Traffic circulation
- Traffic impact studies
- Bridge and culvert design
- Pavement management
- Signage and speed studies
- Highway occupancy permits

PARKS AND RECREATION

- Bicycle and pedestrian trails
- Active and passive facilities
- Athletic fields
- Community and activity buildings
- Play areas
- Pavilions

PLAN REVIEWS

- Stormwater reviews
- Land development reviews
- Modification requests
- Utility reviews

CONSTRUCTION MANAGEMENT AND OBSERVATION

- Resident project representative
- Construction engineering
- Construction management

BUILDING CODE ENFORCEMENT AND INSPECTION

- Property maintenance inspection
- Building code ordinance reviews
- Existing permit and inspection fees
- Building code interpretations
- Building inspection
- Building construction application reviews
- Resident complaint investigations

SURVEYING

- Boundary surveys
- Topographic surveys
- Highway and utility route surveys
- ALTA/ASCM surveys
- Hydrographic surveys
- As-built surveys
- Ground control for aerial photography
- Wetlands locations
- Highway and utility route surveys
- Construction stakeouts

OUT IN FRONT 

ABOUT ARRO

ARRO is a full service engineering and environmental consulting firm employing more than 130 professionals in offices located throughout the mid-Atlantic region. Our success, shared with the clients and communities we serve, can be summed up in one message: **we stay out in front.**