

1. Company Information

HRA Gray & Pape is a national consulting firm specializing in cultural resource management, environmental resource management, historic research, and litigation support. We provide services to a variety of federal, state, local and private clients. Our professional staff of historians, archaeologists, anthropologists and environmental resource specialists work closely with our clients on a wide range of issues including site testing, evaluation, and mitigation associated with state and federal compliance, Native American consultation, HABS/HAER recordation, predictive modeling, and past and present natural resource use.

Our company has served the natural gas pipeline and fiber optic industries through the implementation of numerous projects associated with the construction of single and multi-state corridors, compressor and regeneration station facilities, transmission systems, and storage facilities. A solid understanding of pipeline engineering and permitting allows our personnel to coordinate efficient field investigations with state and federal agency requirements.

By correlating permitting procedures, engineering objectives, and construction methods, HRA Gray & Pape offers its clients full-service and pragmatic cultural resource management solutions. We serve as an effective interface between the needs of industry and the requirements of oversight agencies, resulting in the use of high quality professional services to maintain client construction and scheduling objectives.

Report Production and Computer Facilities

HRA Gray & Pape operates on local area networks supporting IBM-compatible Pentium II (or better) workstations wirelessly or via Ethernet cables. Our T-1 internet connections give us high speed access to a wide range of internet resources. Laptop computers are available for fieldwork.

HRA Gray & Pape provides high quality mapping and graphics services for professional reports, public documents, brochures, and planning documents.

2. Small Business and Title VI Assurances

HRA Gray & Pape is classified as a small business concern as defined under Subpart 19.1 of Federal Acquisition Regulations (FAR). HRA Gray & Pape is an Equal Employment Opportunity employer and works to implement its Affirmative Action Plan. HRA Gray & Pape is reviewed twice each year for compliance with Title VI of the Civil Rights Act of 1964. Copies of our EEO/AA Policy Plan and related office policy documents are available upon request.

3. Our Qualifications

HRA Gray & Pape has established a reputation with our clients in the pipeline industry for understanding the intricacies of pipeline engineering and permitting, and applying that understanding in successful coordination with state and federal agencies. Our work, which has been completed in over 25 of the lower 48 states, Puerto Rico, and in Canada, has been in support of permit applications for natural gas transmission and distribution systems, storage facilities, and construction support facilities. The projects have ranged in size from single meter and regulating station locations to multi-state, transmission line corridors covering hundreds of miles. Through this depth of experience, HRA Gray & Pape has implemented thorough and consistent methods for developing and maintaining project schedules, coordinating efficient field investigations and reports, and building constructive liaisons between the client and oversight agencies.

HRA Gray & Pape personnel have a solid understanding of pipeline engineering and permitting, and routinely apply that understanding in successful completion of FERC regulated projects. Our personnel annually update their credentials by participating in both FERC and Southern Gas Association (SGA) workshops. In the past 3 years, for example, one or more of our senior project managers have completed the SGA Environmental Permitting and Construction Compliance workshops and the FERC Tribal Consultation workshop.

A select list of major pipeline projects and clients serviced by HRA Gray & Pape, either directly or as part of a Project Team, includes:

Alliance Pipeline Project
Amerada Hess
ANR Pipeline Company
Bamagas
Bradwood Landing LNG Terminal and Pipeline
British Petroleum
Cascade Natural Gas Pipeline Project
Chehalis Natural Gas Pipeline
The Cincinnati Gas & Electric Company (CG&E)
Cinergy
Columbia Gas of New York
Columbia Gas of Ohio
Columbia Gas Transmission Corporation.
Columbia Gas Transmission in partnership (Millennium Pipeline Project)
Columbia Gulf
Commonwealth Gas Pipeline Company
Crossroads Pipeline Company
Dayton Power and Light
Duke Energy of North America
El Paso Corporation
Enbridge Energy
ExxonMobil
Great Lakes Gas Transmission Company
Gulf South
Hood River Pipeline Expansion Project
KeySpan
Lakehead Pipe Line Company, Inc.

Lakehead Pipe Line Company
Mason Producing
Millennium Pipeline Project
Mobile Oil Co. and NRG (Aux Sable Project)
Marathon
Natural Resource Group, Inc.
New York State Gas and Electric (NYSEG)
Northern Indiana Public Service Company (NIPSCO)
Northwest Pipeline Corporation
Olympic Pipe Line Company
Ozark Gas Transmission
Pacific Connector Gas Pipeline (Williams)
Pennsylvania Gas and Electric (PGE)
Texas Eastern Transmission Corporation
Trans Mountain Pipeline Company
Trunkline Gas
Vector Pipeline Company
Virginia Power
Washington Natural Gas
Williams Company

4. Selected Project Experience

HRA Gray & Pape has successfully completed numerous pipeline industry related projects nationwide. The following is a summary of selected projects. The project examples presented here demonstrate past performance in several key areas, but are designed to highlight our association with large-scale pipeline projects, projects on an aggressive time schedule, or both. Each of the projects presented below was a FERC-permitted pipeline undertaking.

The Continental Connector Fatal Flaw Analysis, Kansas, Oklahoma, Arkansas, and Mississippi

Categories: Preconstruction Planning

El Paso Corporation requested background research and cultural resources modeling for the creation of a fatal flaw analysis for sections of the currently proposed pipeline within Kansas, Oklahoma, Arkansas, and Louisiana.

This fatal flaw analysis had two primary goals. Initially, Gray & Pape was tasked with identifying previously recorded sites located directly within the pipeline corridor and determining whether or not these sites could pose “fatal flaws” to potential pipeline construction. A “fatal flaw” was defined as an archaeological site that was previously determined eligible for nomination to the National Register of Historic Places (NRHP), was already listed on the NRHP, or was not yet evaluated for its eligibility to the NRHP. These sites could require expensive excavation or could result in delays in pipeline permitting. The second major objective of this analysis was to determine if the proposed pipeline crossed any Federal or Native American owned lands. These data sets were mapped in a Geographic Information System (GIS) for the project.

In the process of assembling these two data sets, Gray & Pape also collected other information relevant to cultural resources that may be impacted by potential pipeline construction. These data also were presented to help El Paso assess the viability of the current corridor for the perspective of impacts to cultural resources and to begin planning potential survey efforts.

The resulting report included a state by state analysis identifying previous surveys, known cultural resources, relevant Native American and Federal lands, and general points of interest associated with the proposed pipeline within Kansas,

Oklahoma, Arkansas, and Louisiana. Several of the team members proposed for the current 3rd Party Review project were involved in these efforts.

The Vector Pipeline Project

Categories: Preconstruction Planning, Permitting, Construction, Post-Construction Compliance

On behalf of Vector Pipeline, LP, Gray & Pape worked with NRG to complete all Phases of the cultural resources inventory of the Vector Pipeline project. This FERC-permitted natural gas pipeline project included facilities in Illinois, Indiana, and Michigan. Gray & Pape completed work in Illinois and Indiana only. The Phase I cultural resources survey was conducted between March and May 1998 and included survey of both archaeological and above-ground resources, as well as geomorphological deep testing of the Deep River in Indiana. Survey coverage methods included pedestrian survey, shovel testing, and walkover. Phase I survey in Illinois resulted in the identification of 79 archaeological sites and 9 above-ground resources; survey in Indiana resulted in the identification of 87 archaeological sites and 26 above-ground resources. Of the archaeological sites, 14 sites in Illinois and 9 sites in Indiana were recommended for further work to evaluate their eligibility to the National Register. Phase II testing of 10 sites in Illinois and 9 sites in Indiana was completed in September through December 1998. One site in Illinois and 4 sites in Indiana were recommended eligible to the NRHP as a result of the findings of the Phase II investigations. The pipeline successfully avoided these resources.

The Millennium Pipeline Project- Traditional FERC Filing

Categories: Preconstruction Planning, Permitting, Construction, Post-Construction Compliance

In June 1997, Columbia Gas Transmission Corporation awarded a contract to Gray & Pape to provide all cultural resource management services associated with the proposed Millennium Pipeline Project. The project was originally proposed to begin in Canada, cross Lake Erie, and eventually end in Westchester County, New York, for a total of about 420 miles in length (US and lake portion only). Gray & Pape was contracted to complete all phases of the cultural resources investigations for the United States portion of the project, as well as the underwater cultural resources investigation of the Canadian part of Lake Erie.

The project has since been reduced to 180 miles in length, from Chemung County to Westchester County, New York and construction is underway. To date, Gray & Pape has conducted the Phase I, Phase II and Phase III cultural resources work

utilizing its in-house staff, project-specific field personnel, and a host of subcontractors (SUNY Binghamton's Public Archaeology Facility, Archaeological and Historical Consultants, Geoarchaeological Research Associates, and Mt. McGovern - Canadian Underwater Archaeologist). The Millennium project involves a unique approach to all parts of the project design. Project partners opted to approach the actual delineation of the project centerline and construction work area using multidisciplinary teams supported by GPS technology. These teams included cultural resources, civil survey, construction, and environmental representatives.

Since 1997, Gray & Pape has reported on numerous Phase I investigations and, in 1999, Phase II investigations of sites located in 6 of the project's 13 counties. In 2005, Gray & Pape completed 14 additional Phase IIs. In 2007, Gray & Pape completed numerous Phase I studies, one additional Phase II, and seven Phase III Treatment Plans. Gray & Pape also completed photo and video documentation of agricultural practices within the Mission Lands Historic District in Orange County and initiated the development of an interactive website and educational program for the New York State public school system. All reports are currently in the reporting stage. Additional fieldwork for construction variances and environmental box recordation within the Black Dirt section of Orange County are planned for completion in the 2008.

The Millennium Project served as a test case for the new FERC regulations and as such provided Gray & Pape staff with insights to the new procedures. In addition, similar to the current undertaking, Gray & Pape staff managed a large and complex team of cultural resource professionals. Through coordinated management focused on constant communication, Gray & Pape successfully met all project schedules and kept all phases of the project in budget.

Weaver's Cove Energy and Mill River Pipeline Projects-FERC Pre-Filing

Categories: Preconstruction Planning, Permitting

Gray & Pape has been assisting Weaver's Cove Energy (WCE) and Mill River Pipeline (MRP) conduct cultural resource management projects relating to the construction of an LNG terminal, associated pipeline laterals, staging areas, meter stations, temporary workspace, and offshore dredging and storage areas in Fall River, Freetown, Somerset, and Swansea, Massachusetts. The project area traverses a cultural landscape occupied by the New England Native Americans for almost 12,000 years. It also encompasses dispersed agricultural settlements relating to the Euro-American settlement from the nineteenth century. Gray & Pape has completed a series of studies that focus on land use along the lower Taunton River, where project proponents are proposing to replace an existing pipeline.

Gray & Pape recently completed a study report to determine whether an ancient cultural landscape along the lower Taunton River might be potentially eligible for listing in the National Register of Historic Places as a discontinuous archaeological district. The study area encompassed 25 sites, 20 of which relate to Native American occupation, and 5 of which represent Euro-American resources. The study report will serve as a planning document for project proponents, as well as State and Federal agencies and community residents. The results of the study will also inform academic models of site locations in similar environments throughout southern New England.

Northeast Passage Pipeline Project

Categories: Preconstruction Planning, Permitting

In August 2007, ENSR awarded a contract to Gray & Pape to provide all cultural resources management services for El Paso Corporation's Northeast Passage Project. The project comprises approximately 519 miles of 36-inch pipeline from Main Line Valve 209 in eastern Ohio, through West Virginia, Pennsylvania, and New Jersey, to Pleasant Valley, New York. The line will pick up deliveries from the Rocky Mountain Express Pipeline and deliver them to New York and New England markets. Additional project components include four compressor stations, expansion on the existing 200 and 300 Lines to meet shipper commitments, and measurement facilities as required. Approximately 365 miles of the total 519 miles are situated within Pennsylvania. Currently, the route crosses through the southern and eastern portions of Pennsylvania and from west-to-east includes the following counties: Greene; Fayette; Somerset; Bedford; Fulton; Franklin; Adams; York; Lancaster; Berks; Lehigh; Northampton; Monroe; Pike; and Sussex. The project corridor is typically 250 feet wide, with the pipeline centered in this corridor. This corridor will be reduced within sections collocated with existing utilities to a 200-foot-wide corridor. Gray & Pape will be conducting Phase I survey throughout 2008.

Duke Energy Hanging Rock Lateral

Categories: Preconstruction Planning, Permitting, Construction

In 2001 and 2002, Gray & Pape completed the CRM investigations for the Duke Energy Hanging Rock Lateral. This project involved construction of an approximately 11.5-mile, 26-inch natural gas pipeline from a Texas Eastern Pipeline interconnect in Scioto County, Ohio, to the Calpine Power Plant in Lawrence County, Ohio. Gray & Pape was engaged to provide Phase I through III cultural resources services and prepared FERC Resource Report 4. The cultural resources

fieldwork, laboratory analyses, and report preparations were conducted by Gray & Pape, on behalf of ENSR Corporation, Warrenville, Illinois, as part of a site development study. These investigations documented a total of 42 archaeological sites within the proposed survey corridor. Phase II archaeological evaluations were completed at nine sites. Two sites were determined eligible to the National Register and Gray & Pape prepared the Memorandum of Agreement and implemented the data recovery plan. These sites were large prehistoric occupations that represented either seasonal base or logistical camps. Many of the sites were located on the T-1 or T-2 terraces and contained deeply buried archaeological deposits. Reports were accepted without comment by the FERC and all work was completed on budget and within an aggressive timeline.

The Golden Pass Pipeline Project, Texas and Louisiana -FERC Prefiling

Categories: Preconstruction Planning, Permitting

The approximately 77-mile Golden Pass LNG pipeline will begin in Cameron Parish, Louisiana, extend through Newton, Orange, and Jefferson Counties, Texas, and will end at the proposed Golden Pass LNG Terminal Facility near Port Arthur, Texas. HRA Gray & Pape coordinated with the Texas Historical Commission, Texas Parks and Wildlife, and the Louisiana Department of Culture and Tourism, and worked with engineering and environmental team members to ensure avoidance of National Register-eligible sites or to develop mitigation plans, and to provide a preliminary assessment of several other cultural resources, including archaeological sites and historic structures.

The Vista del Sol Pipeline Project, Texas-FERC Prefiling

Categories: Preconstruction Planning, Permitting

The Vista del Sol LNG pipeline extends approximately 26 miles across San Patricio County, Texas. A proposed LNG terminal is located at the La Quinta channel near Aransas Pass, Texas. This survey crossed through coastal environments, agricultural lands, and upland forests, requiring regular coordination with local farmers to accommodate planting and harvest schedules and wildlife foundations to ensure land access. Probability modeling, based on environmental factors and the location of known resources, was used to develop a survey strategy that met Texas survey standards and was cost-effective. Rapid mobilization is needed at times in order to satisfy landowner requirements or to meet an aggressive

filing schedule; to accommodate these requirements during the Vista del Sol project, field crews were mobilized to begin survey of the terminal location and pipeline re-routes with less than 48-hour notice.

Sabine Pass Gas Storage and Pipeline, Texas-FERC Prefiling

Categories: Preconstruction Planning, Permitting

HRA Gray & Pape completed background and literature review, and provided recommendations for survey, for a proposed natural gas storage facility and pipeline interconnect project located on 73.32 acres of land at the Big Hill Salt Dome site. Associated structures will consist of 5 process water supply wells, 3 brine treatment ponds, several buildings, and associated equipment and infrastructure. The pipeline system will consist of 2 pipelines totaling 16 miles in length, 2 bi-direction pipeline laterals, 5 pipeline interconnect sites, 5 brine injection well sites, 1 brine transmission pipeline, and associated pipeline support facilities. HRA Gray & Pape prepared an overview report, and assisted in the preparation of FERC Resource Report 4. Anticipated future work will include survey of the proposed pipeline route and portions of the proposed storage area.

The Pearl Crossing Pipeline Project, Texas and Louisiana-Traditional FERC filing/USCG Lead Federal Agency

Categories: Preconstruction Planning, Permitting

The proposed Pearl Crossing project consists of the construction and operation of two parallel 42-inch offshore natural gas pipelines; a meter station with five pipeline interconnections and two heaters near Johnsons Bayou, Louisiana, 63.75 miles of a single 42-inch-diameter onshore natural gas pipeline; a meter station at the Transco interconnection; three other meter stations with four pipeline interconnections along the onshore pipeline; and associated appurtenances. To construct these components, applications are being filed to obtain a Certificate of Public Convenience and Necessity with the FERC pursuant to Section 7(c) of the Natural Gas Act and an application for a license pursuant to the Deepwater Port Act (DWPA) of 1974, as amended by the Maritime Transportation Security Act of 2002, and the U.S. Coast Guard (USCG) Temporary Interim Rule, 33 Code of Federal Regulations (CFR) Parts 148, 149, and 150 (6 Jan. 2004).

The onshore section of the Pearl Crossing Pipeline will cross uplands, swamps, agricultural fields, marshlands, and industrial property in Cameron and Calcasieu Parishes, Louisiana. Cultural resources identified during survey of the

pipeline were varied and included standing structures, buried historic sites, prehistoric shell midden sites, and multicomponent (prehistoric and historic) sites.

Miller' Lake Lateral, Louisiana –Traditional FERC Filing

Categories: Preconstruction Planning, Permitting

The Miller's Lake Lateral project will include approximately 14 miles of 24-inch diameter natural gas pipeline and 2 new meter stations in Evangeline Parish, Louisiana. HRA Gray & Pape has completed survey of this line, and is in the process of preparing FERC Resource Report 4. Additional tasks include Native American consultation and coordination with the Louisiana Office of Cultural Development. Anticipated future fieldwork will include survey of additional proposed line and property for the construction of a storage facility.

Gulf South/Trunkline Interconnect, Louisiana –Traditional FERC Filing

Categories: Preconstruction Planning, Permitting

In March of 2005, HRA Gray & Pape completed the Phase I cultural resources investigations for the proposed GSPL/TLNG Interconnect Project in Calcasieu Parish, Louisiana. The project will consist of a new pipeline, a metering station, a regulating station, and associated work spaces. The project APE consists of a minimum of 230- to 300-foot wide corridor along the proposed pipeline route and includes a minimum 50-foot buffer around the above ground facilities. Consultation with the Louisiana Office of Cultural Development (OCD) resulted in the identification of six Native American tribes or groups with potential historic ties to the current project area. HRA Gray & Pape facilitated consultation between the project sponsors and members of the Chitimacha Tribe of Louisiana, the Jena Band of Choctaw Indians, the Alabama Coushatta Tribe of Texas, the Mississippi Band of Choctaw Indians, the Caddo Adai Indians of Louisiana, and the Coushatta Tribe of Louisiana. Fieldwork and project recommendations were presented in FERC RR 4 and the associated survey report.

Kosciusko Pipeline Survey, Mississippi

Categories: Preconstruction Planning, Permitting

Archaeological and architectural investigations were performed along sections of the Gulf South's Kosciusko pipeline right-of-way in Rankin County, Mississippi. Survey work took place along existing sections of the route proposed for pipeline replacement, new sections of route proposed for realignment, and a number of additional workspaces and staging areas.

Site 22Ra632, situated on a low rise between two small creek tributaries, yielded a relatively high quantity of prehistoric cultural material, including projectile points, lithic performs, lithic debitage, and pottery. Analysis indicated that the site represented a fairly extensive Late Archaic to Woodland habitation, with a minor historic component.

Often, additional testing would be recommended for sites like 22Ra632 in order to evaluate the potential for listing on the National Register of Historic Places. Instead, it was determined by interested parties that appropriate resource management would include rerouting the pipeline right-of-way in order to avoid impacting the site. HRA Gray & Pape personnel surveyed the revised route, and, upon fieldwork completion, recommended that the project be cleared to proceed as planned. The Mississippi Department of Archives and History/State Historic Preservation Office concurred with this recommendation, and accepted the resulting report documenting the investigation without revision.

Pacific Connector Natural Gas Pipeline, Oregon-FERC Prefiling

Categories: Preconstruction Planning, Permitting

The Pacific Connector Pipeline Project includes a proposed 230-mile 36-inch pipeline and associated facilities extending from Coos Bay to Malin, in Southern Oregon. The pipeline will originate at the proposed Jordan Cove LNG Terminal and will interconnect with the Pacific Gas and Electric's, Tuscarora and Gas Transmission Northwest's (GTN) systems near the California border. The project traverses seven federal land districts (BLM and USFS) and the territory of six federally recognized tribes. As lead cultural resources consultant, HRAG&P has been responsible for development of the RR4 and survey report as well as coordination with all federal, state and tribal cultural resources liaisons. Cultural resources survey included walkover and shovel testing of the pipeline route, followed by Phase II evaluation (ongoing) and data recovery (pending) on archaeological sites determined to be adversely affected by the Project. More than 200 sites and isolated finds were identified, and more than 45 resources will be evaluated and assessed for NRHP eligibility and project effects. The application was filed in the fall of 2007, and additional cultural resources studies are pending FERC requests.

Bradwood Landing LNG Terminal and Pipeline, Oregon and Washington- FERC Prefiling

Categories: Preconstruction Planning, Permitting

The Bradwood Landing LNG Terminal and Pipeline project originates along the Columbia River at Bradwood, Oregon, and extends approximately 36 miles into southwestern Washington. The proposed project will originate at the Bradwood Landing LNG Terminal. Gas will be carried via a 30 and 36-inch pipeline to interconnect with the Williams Northwest Pipeline trunk line north of Kelso, Washington. The project involves coordination with the Oregon and Washington SHPOs and several tribes. As lead cultural resources consultant, HRAG&P has been responsible for development of the RR4 and survey report as well as coordination with all federal, state and tribal cultural resources liaisons. The proposed terminal will be constructed at the location of a raised timber mill and associated town dating to the early 1930s. The project crosses the Columbia River at Port Westward, a location used by Native Americans and early settlers. The project has included the identification of several archaeological sites, at least 2 of which will likely require Phase II evaluation. The application was filed in the fall of 2006, and additional cultural resources studies are pending FERC requests.

Atlas Ozark East End Pipeline Project-FERC Prefiling

Categories: Preconstruction Planning, Permitting, Evaluation Testing

HRA Gray & Pape completed over 200 miles of pipeline survey in Arkansas and Mississippi. Survey efforts resulted in the discovery and delineation of over 150 newly identified cultural resources and revisit of several previously recorded resources. Additional tasks included providing preliminary National Register evaluation assessments, probability modeling, mapping and GIS, site recordation via sub-meter accurate GPS equipment, State Historic Preservation Office coordination, and reporting.

These efforts allowed HRA Gray & Pape archaeologists the opportunity to collect valuable information about archaeological site location as related to environmental factors, variation in site type, and broad temporal characteristics on a state-wide comparative basis in Arkansas and Mississippi.

HRA GRAY & PAPE, LLC
SUMMARY OF CULTURAL RESOURCES EXPERIENCE
FOR PIPELINE PROJECTS

STATE	TYPES OF FACILITIES	TYPES OF PROJECTS AND SERVICES
ONTARIO, CANADA	New Right-of-Way	Phase I Underwater Archaeological Survey (Lake Erie) Coordinate International Permitting
PUERTO RICO	New Right-of-Way	Alternative Alignment Studies Historic Context Development and Sensitivity Analysis
ALABAMA	New Right-of-Way	Phase I Surveys
ARKANSAS	New Right-of-Way	Phase I Surveys, Fatal Flaw Analysis/Feasibility Study
COLORADO	New Rights-of-Way Looping Facilities Compressor Station Facilities Storage Yards and other Ancillary Facilities	Phase I Surveys
ILLINOIS	New Rights-of-Way Looping Facilities Compressor Station Facilities Storage Yards and other Ancillary Facilities	Phase I and II Surveys (Archaeological and Architectural History)
INDIANA	New Rights-of-Way Looping Facilities Compressor Station Facilities Storage Yards and other Ancillary Facilities	Phase I and II Surveys (Archaeological and Architectural History)

STATE	TYPES OF FACILITIES	TYPES OF PROJECTS AND SERVICES
KENTUCKY	New Rights-of-Way Looping Facilities Storage Fields Compressor Station Facilities M&R, Pigging, and Other Ancillary Facilities	Alternative Alignment Studies Phase I and II Surveys (Archaeological and Architectural History) Phase I Survey at HAZMAT Contaminated Facility Multiple Project and Resource Management Using GPS and GIS Technology Geomorphological Investigations for Cultural Resources at River Crossings
LOUISIANA	Looping Facilities River Crossings M&R, Pigging, and Other Ancillary Facilities	Phase I Archaeological Surveys Geomorphological Investigations for Cultural Resources at River Crossings
MARYLAND	New Rights-of-Way Looping Facilities	Phase I and II Surveys (Archaeological and Architectural History)
MASSACHUSETTS	LNG Facility New Rights-of-Way	Alternative Alignment Studies Phase I Archaeological Surveys Historic Context and National Register District Development
MICHIGAN	New Rights-of-Way Looping Facilities	Phase I and II Surveys (Archaeological and Architectural History)
MISSISSIPPI	New Rights-of-Way Storage Yards and other Ancillary Facilities	Alternative Alignment Studies Phase I Surveys (Archaeological and Architectural History)
NEW HAMPSHIRE	Looping Facilities	Phase I Archaeological Survey

STATE	TYPES OF FACILITIES	TYPES OF PROJECTS AND SERVICES
NEW JERSEY	New Rights-of-Way Looping Facilities M&R, Pigging, and Other Ancillary Facilities	Alternative Alignment Studies Phase I and II Surveys (Archaeological and Architectural History) Geomorphological Investigations for Cultural Resources at River Crossings Development of Mitigation Plans for Construction Projects in National Register Historic Districts
NEW YORK	New Rights-of-Way Looping Facilities Compressor Station Facilities M&R, Pigging, and Other Ancillary Facilities	Alternative Alignment Studies Phase I and II Surveys (Archaeological and Architectural History) Multiple Project and Resource Management Using GPS and GIS Technology Construction Monitoring Geomorphological Investigations for Cultural Resources at River Crossings Phase I Underwater Archaeological Survey Established Full-time SHPO Project Review Position
NORTH CAROLINA	New Rights-of-Way Looping Facilities Compressor Station Facilities	Phase I Archaeological Survey

STATE	TYPES OF FACILITIES	TYPES OF PROJECTS AND SERVICES
OHIO	New Rights-of-Way Looping Facilities Storage Fields Compressor Station Facilities M&R, Pigging, and Other Ancillary Facilities	Alternative Alignment Studies Alternative Mitigation and Resource Treatment Plans Phase I and II Surveys (Archaeological and Architectural History) Multiple Project and Resource Management Using GPS and GIS Technology Large-Scale Archaeological Data Recovery Projects Geomorphological Investigations for Cultural Resources at River Crossings HAER Documentation of Engineering Structures Historical Context Development for Natural Gas Facilities Third-Party Quality Control
OKLAHOMA	M&R, Pigging, and Other Ancillary Facilities	Phase I Archaeological surveys
PENNSYLVANIA	New Rights-of-Way Looping Facilities Storage Fields Compressor Station Facilities M&R, Pigging, and Other Ancillary Facilities	Alternative Alignment Studies Phase I and II Surveys (Archaeological and Architectural History) Multiple Project and Resource Management Using GPS and GIS Technology Large-Scale Archaeological Data Recovery Projects Geomorphological Investigations for Cultural Resources at River Crossings Phase I Underwater Archaeological Survey Development of Mitigation Plans for Construction Projects in National Register Historic Districts
RHODE ISLAND	New Right-of-Way	Agency and Native American Consultations
TENNESSEE	Looping Facilities	Phase I Archaeological Survey

STATE	TYPES OF FACILITIES	TYPES OF PROJECTS AND SERVICES
TEXAS	New Rights-of-Way Storage Fields and Access Roads Compressor Station Facilities	Phase I and II survey (Archaeological and Architectural History) Geomorphological Investigations in floodplain environments
VIRGINIA	New Rights-of-Way Looping Facilities Compressor Station Facilities M&R, Pigging, and Other Ancillary Facilities	Alternative Alignment Studies Alternative Mitigation and Resource Treatment Plans Phase I and II Surveys (Archaeological and Architectural History) Multiple Project and Resource Management Using GIS Technology Large-Scale Archaeological Data Recovery Projects Geomorphological Investigations for Cultural Resources at River Crossings Development of Mitigation Plans for Construction Projects in National Register Historic Districts Development of Cultural Resources Management Plans for Significant Resources at Industrial Facility
WEST VIRGINIA	New Rights-of-Way Looping Facilities Storage Fields Compressor Station Facilities M&R, Pigging, and Other Ancillary Facilities	Alternative Alignment Studies Phase I and II Surveys (Archaeological and Architectural History) Multiple Project and Resource Management Using GPS and GIS Technology Large-Scale Archaeological Data Recovery Projects Geomorphological Investigations for Cultural Resources at River Crossings

STATE	TYPES OF FACILITIES	TYPES OF PROJECTS AND SERVICES
WASHINGTON	New Right-of-Way Compressor Station Facilities	Alternative Alignment Studies Phase I and II Surveys (Archaeological and Architectural History) Multiple Project and Resource Management Using GPS and GIS Technology Large-Scale Archaeological Data Recovery Projects Geomorphological Investigations for Cultural Resources at River Crossings Native American Consultation on Potential Impact of Sacred Sites and Traditional Cultural Properties
MONTANA	New Right-of-Way Compressor Station Facilities	Alternative Alignment Studies Phase I and II Surveys (Archaeological and Architectural History) Multiple Project and Resource Management Using GPS and GIS Technology Large-Scale Archaeological Data Recovery Projects Geomorphological Investigations for Cultural Resources at River Crossings Native American Consultation on Potential Impact of Sacred Sites and Traditional Cultural Properties
WYOMING	New Right-of-Way	Phase I and II Surveys
OREGON	New Right-of-Way	Phase I Surveys Native American Consultation

5. Contact Information

With offices across the country, HRA Gray & Pape, LLC is perhaps the only company specializing in Cultural Resources Management consulting on a national basis. For further information about our capabilities, please visit our website at www.hragp.com, or contact any of the following locations:

Cincinnati Ohio	Missoula Montana	Houston Texas	Richmond Virginia	Seattle Washington	Portland Oregon	Providence Rhode Island
1318 Main St. Cincinnati, OH 45202 513.287.7700 f 513.287.7703	125 Bank St. Fifth Floor Missoula, MT 59802 406.721.1958 f 406.721.1964	1428 West Alabama St. Houston, TX 77006 713.541.0473 f 713.541.0479	1705 East Main St. Richmond, VA 23223 804.644.0656 f 804.643.8119	1904 Third Ave. Suite 240 Seattle, WA 98101 206.343.0226 f 206.343.0249	909 Beech St. Suite B Portland, OR 97227 503.247.1319 f 503.284.1161	60 Valley St. Suite 103 Providence, RI 02909 401.273.9900 f 401.942.9124