

ATLAS Workbench Comprehensive List

What is an ATLAS Deliverable?

ATLAS Deliverables include final documents, data, and/or files that are required to be uploaded into the NCDOT’s ATLAS Workbench web application. Not all ATLAS Deliverables are required on all projects. The NCDOT PM (Central, Division, or Technical Unit PM) will determine required work based on project scope and screenings. Files uploaded to ATLAS must follow the ATLAS Standards.

When you upload a file to ATLAS, ATLAS *automatically* saves the file to the project’s Scoping or Preconstruction project site. Uploading these files to ATLAS ensures that files are saved with the correct naming convention and correct metadata and key document tags are assigned in the project record.

Visit the [ATLAS Resources page](#) to access the ATLAS Standards, which provide guidance on how to upload a file to the ATLAS Workbench application, including file naming conventions and schema standards.

PDN Stages incorporated into the ATLAS Workbench include:

- [Project Initiation](#) – Uploaded project records are saved to Connect Scoping.
- [Preconstruction](#) – Uploaded project records are saved to Connect Preconstruction.

Project Initiation

Uploaded project records are saved to Connect Scoping. Below is a list summarizing all project files that must be uploaded to ATLAS when completed.

Workbench Tab	Deliverable
Express Design Evaluation	<ul style="list-style-type: none">• Express Design Assignment Checklist (PDF)• Express Design ATLAS Screening Report (PDF)• Scoping Study Area (SHP ZIP)• Environmental Features Map(s) (PDF)• Traffic Memo (PDF)• Constructability Narrative (PDF)• Design Assumptions (PDF)• Final Conceptual Design 1 - 4 (Document Set)• MicroStation Files (ZIP)• Right of Way Estimate (Document Set)• Construction Cost Estimate (Document Set)• Utility Cost Estimate (Document Set)

Workbench Tab	Deliverable
	<ul style="list-style-type: none"> • ITS Cost Estimate (Document Set) • Preliminary Mapping Limits (DGN) • Mapping Limits (SHP ZIP) • Contract Type Decision Tool (PDF) • 1FS3. Project Initiation Form (PDF)
Project Scoping	<ul style="list-style-type: none"> • 1FS3. Project Initiation Form (PDF) • 1FS3. Project Scoping Screening Checklist (PDF) • 1FS3. Project Scoping ATLAS Screening Report (PDF) • 1FS3. Project Scoping Report (PDF) • 1IM1. Complete Streets Project Sheet (PDF) • 1TS1. Completed Traffic Safety Screening (XLSX)
Merger Pre-Screening	<ul style="list-style-type: none"> • Merger Pre-Screening Form (PDF)
Merger Screening	<ul style="list-style-type: none"> • Merger Screening Meeting Minutes (PDF) • Merger Plan Packet (PDF)
Merger CP 1 – Purpose and Need	<ul style="list-style-type: none"> • CP1 Merger Meeting Packet (PDF) • CP1 Meeting Minutes and Summary (PDF) • Merger Study Area Polygon (GIS)
Preliminary Environmental Considerations	<ul style="list-style-type: none"> • No uploads

Preconstruction

Uploaded project records are saved to Connect Preconstruction. Below is a list summarizing all project files that must be uploaded to ATLAS when completed.

Workbench Tab	Deliverable
General Project Information	
Project Management	<ul style="list-style-type: none"> • Tribal Consultation Documents (Document Set) • 1EN1. Programmatic Agreement (PA) Checklist (PDF) • Project Shelving Document (PDF)
NEPA and Agency Coordination	
Preconstruction Scoping	<ul style="list-style-type: none"> • 1FS3. Project Initiation Form (PDF) • 1FS3. Project Scoping Screening Checklist (PDF) • 1FS3. Project Scoping ATLAS Screening Report (PDF)

Workbench Tab	Deliverable
	<ul style="list-style-type: none"> • 1FS3. Project Scoping Report (PDF) • 1IM1. Complete Streets Project Sheet (PDF) • 1TS1. Completed Traffic Safety Screening (XLSX) • Notice to Proceed (NTP) (PDF)
Preliminary Environmental Considerations	<ul style="list-style-type: none"> • Previously completed Preliminary Environmental Considerations checklist (PDF)
Merger Pre-Screening	<ul style="list-style-type: none"> • No uploads
Merger	<ul style="list-style-type: none"> • Merger Screening Meeting Summary (PDF) • Merger Plan (PDF) • 1EP1. Concurrence Point 1 Packet Meeting Summary (PDF) • 1EP1. Concurrence Point 1 Concurrence Form (PDF) • 2EP1. Concurrence Point 2 Packet Meeting Summary (PDF) • 2EP1. Concurrence Point 2 Concurrence Form (PDF) • 2EP1. Concurrence Point 2A Meeting Summary Packet (PDF) • 2EP1. Concurrence Point 2A Concurrence Form (PDF) • 2EP1. Concurrence Point 3 Meeting Summary Packet (PDF) • 2EP1. Concurrence Point 3 Concurrence Form (PDF) • 2EP1. Concurrence Point 4A Meeting Summary Packet (PDF) • 2EP1. Concurrence Point 4A Concurrence Form (PDF) • 2HY2. Concurrence Point 4B Meeting Summary Packet (PDF) • 3HY1. Concurrence Point 4C Meeting Summary Packet (PDF)
LGA Coordination	<ul style="list-style-type: none"> • Initial LGA Coordination Table (XLSX) • Interim LGA Coordination Table (XLSX) • Final LGA Coordination Table (XLSX) • LGA Commitment Document(s) (PDF)
Final Environmental Documentation	<ul style="list-style-type: none"> • 2EP1. Categorical Exclusion Document (CE) (PDF) • 2EP1. Minimum Criteria Determination Checklist (MCDC) (PDF) • 2EP1. Environmental Assessment (EA) (PDF) • 2EP1. Finding of No Significant Impact (FONSI) or Combined EA/FONSI (PDF) • 2EP1. Environmental Impact Statement (EIS) (PDF) • 2EP1. Record of Decision (ROD) (PDF) • Project Study Area (SHP ZIP) • ROW Consultation (PDF) • Construction Consultation (PDF)

Workbench Tab	Deliverable
	<ul style="list-style-type: none"> • Re-evaluation (PDF) • Other Consultation (PDF)
Human Environment	
Air Quality	<ul style="list-style-type: none"> • 2EN2. Air Quality Report (PDF) • 2EN2. Quantitative MSAT Study Area (SHP ZIP)
Archeology	<ul style="list-style-type: none"> • 2EN2. No Archaeological Survey Required Form (PDF) • 2EN2. Archaeological Survey Required Form (PDF) • 2EN2. No NRHP Eligible or Listed Archaeological Sites Present Form (PDF) • 2EN2. No NRHP Eligible or Listed Archaeological Sites Affected Form (PDF) • 2EN2. Archaeological Adverse Effect Determination Form (PDF) • 2EN2. Archaeological Area of Potential Effect (SHP ZIP)
Community Characteristics Report (CCR)	<ul style="list-style-type: none"> • 2EN2. Community Characteristics Report (PDF) • 2EN2. Direct Community Impact Area (SHP ZIP) • 2EN2. Demographic Study Area Boundary (SHP ZIP)
Community Impact Assessment (CIA)	<ul style="list-style-type: none"> • 2EN2. CIA or DIST and Tech Memos (Document Set) • 2EN2. CIA Direct Community Impact Area (SHP ZIP) • 2EN2. CIA Demographic Study Area Boundary (SHP ZIP)
Historical Architecture	<ul style="list-style-type: none"> • 2EN2. No Historic Architecture Survey Required Form (PDF) • 2EN2. Historic Architecture Survey Required Form (PDF) • 2EN2. No Historic Architecture Properties Present or Affected Form (PDF) • 2EN2. Historic Effects Required Form (PDF) • 2EN2. Historic Architecture Survey Area (SHP ZIP)
ICE/ICI	<ul style="list-style-type: none"> • 2EN2. Indirect & Cumulative Effects Screening Report or Tech Memo (PDF) • 2EN2. ICE Future Land Use Study Area (SHP ZIP) • 2EN2. Land Use Scenario Assessment Report (PDF) • 2EN1. Probable Development Study Area (SHP ZIP) • 2EN2. Quantitative LUSA (PDF) • 2EN2. QLUSA Impervious Surface Mapping (SHP ZIP) • 2EN2. Indirect and Cumulative Impacts Study Report (PDF) • 2EN2. ICI Watershed Runoff Mapping (SHP ZIP)

Workbench Tab	Deliverable
Noise Analysis	<ul style="list-style-type: none"> • 2EN2. Traffic Noise Report (TNR) (PDF) • 2EN2. Design Noise Report (PDF) • 3EN1. Design Noise Report Addendum (PDF) • 3EN1. Final Design Noise Analysis - Noise Wall Recommendations Memo (PDF) • 3EN1. Noise Study Area (SHP ZIP) • 3EN1. Long Term Monitoring Sites (SHP ZIP)
Public Involvement	<ul style="list-style-type: none"> • 2PI1. Public Involvement Plan (PDF) • 2PI1. Local Official Informational Invitation/Briefing Letter (PDF) • 2PI1. Public Involvement Event 1 - 4 Visualizations (ZIP) • 2PI1. Public Involvement Event 1 - 4 Videos (ZIP) • 2PI1. Public Involvement Event 1 - 4 Final Meeting Materials (Document Set) • 2PI1. Project Mailing List (SHP ZIP)
Tribal	<ul style="list-style-type: none"> • No uploads
Natural Environment	
Natural Resources	<ul style="list-style-type: none"> • 2EN1. Preliminary Jurisdictional Wetlands WEX (DGN) • 2EN1. Preliminary Jurisdictional Wetlands WET (DGN) • 2EN1. Preliminary Jurisdictional Wetlands WET (SHP ZIP) • 2EN1. Preliminary Jurisdictional Streams (SHP ZIP) • 2EN1. Preliminary Jurisdictional Open Waters (SHP ZIP) • 2EN1. Preliminary Jurisdictional Determination Package (PDF) • 2EN1. Natural Resource Technical Report (NRTR) (PDF) • 2EN1. NRTR Addendum (PDF)
Permitting	<ul style="list-style-type: none"> • 3EN3. Application Package (Document Set) • 3EN3. Permit Package (Document Set)
Threatened and Endangered Species	<ul style="list-style-type: none"> • 2EN1. Aquatic Survey Report (PDF) • 2EN1. Aquatic Data Sheet (PDF) • 2EN1. Aquatic Survey Start and End Points (SHP ZIP) • 2EN1. Aquatic Survey Reach (SHP ZIP) • 2EN1. Red-cockaded woodpecker (RCW) Survey Report (PDF) • 2EN1. RCW Study Area (SHP ZIP) • 2EN1. Bat Habitat Assessment Form (PDF) • 2EN1. Bat Survey Report (PDF) • 2EN1. Other species survey report(s) (PDF)

Workbench Tab	Deliverable
	<ul style="list-style-type: none"> • 2EN1. Protected Species Point (SHP ZIP) • 2EN1. Protected Species Polygon (SHP ZIP) • 2EN1. SAV Survey Report (PDF) • 2EN1. Biological Assessment (PDF) • 2EN1. Biological Opinion (PDF) • 2EN1. Biological Evaluation (PDF) • USFWS IPaC Letter (PDF) • Natural Heritage Program (NHP) Letter (PDF) • USFWS PBO Compliance Documentation (PDF)
Design	
Bicycle, Pedestrian, & Transit	<ul style="list-style-type: none"> • Complete Streets Project Sheet (PDF) • Complete Streets Exception Documentation (PDF)
Geo-Environmental	<ul style="list-style-type: none"> • 1GT1. GeoEnvironmental Pre-Scoping Comments (PDF) • 2GT1. GeoEnvironmental Phase 1 Report (PDF) • 2GT1. GeoEnvironmental Sites of Concern (SHP ZIP)
Geotechnical	<ul style="list-style-type: none"> • 1GT1. Geotechnical Report for Planning (PDF) • 2GT3. Roadway Subsurface Investigation Inventory (Document Set) • 2GT2. Right-of-way Recommendation Report (PDF) • 2GT4/3GT1. Roadway Recommendation Report w/ Graphics (Document Set) • 2GT3. Pavement and Subgrade Investigation Report (PDF) • 2GT3. Pavement and Subgrade Investigation and Recommendations Report (PDF) • 3GT3. Structure Subsurface Investigation Inventory Report with Graphics (Document Set) • 3GT3. Design Scour Report (PDF) • 3GT3. Inventory and Foundation Recommendation Report (PDF) • 3GT3. Temporary Shoring Recommendations (PDF) • 3GT3. Retaining Wall Recommendation Report with Details (Document Set) • 3GT3. Sound Barrier Subsurface Investigation Inventory Graphics (Document Set) • 3GT1. Project Special Provisions Package (Structure, Sound Barrier) (Document Set) • Infiltration Basin Investigation (Document Set)

Workbench Tab	Deliverable
Hydraulics	<ul style="list-style-type: none"> • 2HY1. Hydraulic Planning Report (PDF) • 2HY1. Preliminary Stormwater Management Plan (PDF) • 2HY2. Final Hydroplaning Assessment (Document Set) • 2HY2. Hydraulic Design Reports for Major Structures (Document Set) • 2HY2. Drainage Plans for Field Inspection (PDF) • 3HY1. Drainage Plans (PDF) • 3HY1. Drainage Plan Computations (PDF) • 3HY1. SFC/CLOMR Packages (Document Set) • 3HY1. Stormwater Management Plan (PDF) • 3HY1. Environmental Permit Drawings (ZIP) • 3HY1. Environmental Permit Drawings (DGN) • 5HY1. Construction Drainage Investigation Documentation (Document Set) • 5HY1. Construction Support Documentation ((Document Set)
Location & Surveys	<ul style="list-style-type: none"> • 4LS1. Final ROW Series Plan Set (Document Set)
Pavement Design	<ul style="list-style-type: none"> • 2PD1. Final Pavement Design Memo (PDF) • 3PD1. Shoulder Drain Memo (PDF)
Photogrammetry	<ul style="list-style-type: none"> • 1LS1. Limits of Survey (SHP ZIP)
Railroad	<ul style="list-style-type: none"> • 1RR1. Scoping Response Letter (PDF) • 2RR1. Railroad PE Agreement (PDF) • 2RR1. Roadway Plans for Rail Review (PDF) • 2RR1. Crossing Scope for Off-Site Detour (PDF) • 4RR1. Railroad Agreements (PDF)
Right of Way	<ul style="list-style-type: none"> • 3RD1. Right of Way Plans (ROW) (PDF)
Roadside Environmental	<ul style="list-style-type: none"> • 2RE1. Preliminary E&SC Field Inspection Plans (PDF) • 2RE1. ROW/Easement Request File (PDF) • 3RE1. Final E&SC Plan Set (PDF)
Roadway	<ul style="list-style-type: none"> • 2RD1. Design Exception Request Package (PDF)
Signing & Delineation	<ul style="list-style-type: none"> • 2SD1. Preliminary Signing and Delineation Strip Map (PDF) • 2SD1. Signing and Delineation Conflict Resolution Correspondence (Document Set) • 2SD1. Signing and Delineation Plan Submittals (PDF) • 3SD1. Approved Signing and Delineation Strip Map (PDF)

Workbench Tab	Deliverable
	<ul style="list-style-type: none"> • 3SD1. List of Overhead Sign Locations (PDF) • 3SD1. Final Signing and Delineation Plans (PDF)
Utilities	<ul style="list-style-type: none"> • 1UT2. Utility Risk Analysis and Inventory Report (PDF) • 1UT2. Utility Project Outline (PDF) • 1UT2. Utility Construction Requests (Document Set) • 1UT2/3UT1. Utilities Coordination Working Plans (PDF) • 2UT1. Relocation Schedule (PDF) • 2UT1. Utility Parcel List (PDF) • 3UT1. Utility Construction Agreement Packages (Document Set) • 3UT1. Cost Responsibility Analysis Report (PDF) • 3UT1. Permit Related Utility Plans (PDF) • 4UT1. Utilities by Others Plans (Document Set) • 4UT1. Utility Construction Plans (Document Set) • 4UT1. Water and Sewer Permits (Document Set) • 4UT1. Executed Utility Agreements (Document Set) • 4UT1. Utility Authorization Packages (Document Set) • 4UT1. Utility Certification (PDF)
Value Management	<ul style="list-style-type: none"> • 2VM1. Value Engineering Study (PDF) • 1VM1. Risk Assessment Study Report (PDF) • 1VM1. Constructability Review Outputs (PDF)
Transportation Mobility and Safety	
Congestion Management	<ul style="list-style-type: none"> • 1TM1. Express Design Traffic Analysis Memorandum (PDF) • 2TM1. Traffic Operations Analysis Technical Memorandum (PDF) • 2TM1. Interchange Access Report (IAR) (PDF) • 3GT3. Structure Subsurface Investigation Inventory Report with Graphics (Document Set)
Signal System Timing & Operations	<ul style="list-style-type: none"> • 3SS1. List of Affected Signal Systems and Signals (XLSX)
Traffic Management	<ul style="list-style-type: none"> • 1TP2. Project Level Traffic Forecast Report (PDF) • 1FS2. Capacity Analysis Report (PDF) • Project Limit (SHP ZIP)
Traffic Safety	<ul style="list-style-type: none"> • 2TS1. Traffic Signal Recommendations (PDF) • 2TS1. Traffic Safety Alternatives Analysis Report (PDF) • 2TS1. Safety Data and Analysis for Environmental Document (PDF) • 2TS1. Roadway Plan Review (PDF)

Workbench Tab	Deliverable
	<ul style="list-style-type: none">• 2TS1. Transportation Management Plan Review (PDF)• 2TS1. Signing and Delineation Review (PDF)
Traffic Systems Operations	<ul style="list-style-type: none">• 2TO1. Traffic Operations Recommendations (PDF)• 2TO1. Incident Management Strategies Recommendations (PDF)• Operational Risk Assessment (PDF)• 3TO1. Final Incident Management Plan (PDF)• 3TO1. Final Demand Management Plan (PDF)• 3TO1. Final Traffic Operations Plan (PDF)• 3TO1. Final Equipment List (XLSX)