

Field Reconnaissance Checklist

Name of Project: Input data Originator: Input name and initials Date: _____
 Project Location: Input data Checker: Input name and initials Date: _____
 Structure Number (as applicable): Input data
 Project Number: Input data
 PIN: Input data

TITLE BLOCK	Provided (Originator)			Chk	Comments
	Yes	No	NA		
Complete all information required in the standard title. <ul style="list-style-type: none"> Top line = project name Second line = project location Third line = UDOT project number 					
Complete the title block.					
Fill in initials, dates, and signatures.					

FIELD RECONNAISSANCE	Provided (Originator)			Chk	Comments
	Yes	No	NA		
During the field reconnaissance, the geotechnical engineer and/or geologist learns about geotechnical, topographic, and geologic features of the site, and about access and working conditions; including at least the following:					
Previous and current design and construction plans (new site, relocation, widening, replacing, cuts, fills, etc.)					
Current and previous land use (fills, remnants, debris, foundations, hazardous waste, sanitary dumps, etc.)					
Maintenance history and existing conditions (e.g. UDOT Maintenance)					
Obtain completed and signed Permit to Enter form					
General site conditions (topography, groundcover, plants, surface soils, boulders, topsoil, fills, water effects on landscape and topography, etc.)					
Geologic reconnaissance					
Geomorphology					
Landslides and/or rockfall history/potential					
Preliminary layout of subsurface explorations					
Restrictions affecting equipment access					
Equipment required for subsurface explorations, including any specialized equipment needed (pumps, wet drilling, rock coring, track mounted equipment, skid rig, earthwork to facilitate access, spoils containment and catchment, boats, pontoons, etc.)					
Traffic control requirements during field investigations					
Feasibility and need for long-term groundwater monitoring					
Location of underground and overhead utilities					
Type and condition of existing facilities (pavements, bridges, visible utilities, buildings, etc.), including existing cracks and other possible evidence of distress.					
Adjacent land use (schools, churches, research facilities, businesses, etc.)					
Restrictions on working hours					

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Right-of-way constraints					
Environmental issues					
Escarments, outcrops, erosion features, surface settlement, cuts, fills, stream banks, scour, etc.					
Flood plains and flood levels					
Streams, rivers, and water conveyance and storage facilities (canals, ponds, culverts, ditches, creeks, etc.) including characteristics (e.g., pipe materials, canal liners) and their condition (potential leaks, etc.)					
Water traffic and access to water for subsurface explorations (surface water, nearby wells, springs, etc.)					
Benchmarks and other reference points (survey stakes, etc.) to aid in the location of boreholes					
Equipment storage areas / security					