

Engineer's Report

The Engineering Assessment Section produces an Engineer's Report , also referred to as a scope-of-work report. This document presents a formal record of the analysis of alternatives and identifies the proposal (recommendation) -- the official agency record of decision for implementation.

The Engineer's Report principally guides downstream project development stages such as field survey, other design functions and the completion of the environmental review. The document also serves to refine upstream planning and programming elements of the project, notably construction, land acquisition and design engineering costs. As well the report often forms the basis for the consultant design agreement and serves as a resource to inform interested parties outside the Department.

The Engineering Assessment Section, its in-house staff and consultants, typically produces an Engineer's Report for the following project types:

1. new bridge and road construction
2. bridge replacement and removal
3. small (drainage) structure, new construction or replacement
4. added travel lanes, median construction
5. intersection improvement
6. new interchange construction or interchange modification
7. sight distance improvement
8. interstate and non-interstate pavement replacement and rehabilitation to 3R or 4R standards
9. rest area construction or reconstruction
10. weigh station (port of entry) construction or reconstruction
11. drainage correction
12. protective buying of right-of-way
13. landslide correction

The section does not assess and report on the following project types, with exceptions: bridge rehabilitation and repair, pavement resurface non-3R or 4R standards, shoulder rehabilitation, roadside work, access control, guardrail work, traffic control devices' installation and other projects of lesser extent. As well the Engineering Assessment Section continually studies and reports on transportation matters beyond the Department's routine project development structure. Among others, Indiana Department of Commerce economic development plans; collaborative efforts with towns, cities, counties and other states; and Indiana Department of Natural Resources park access needs generate these special assignments. And the Engineering Assessment Section annually appraises interstate pavement rehabilitation and replacement plans, in advance of project programming. This exercise is commonly called a "mini-scope."