

PART 505 – NON-NRCS ENGINEERING SERVICES  
SUBPART B – USE OF NON-NRCS ENGINEERING SERVICES

IL 505.10(a)(2)(i)(E)(iii)

§IL 505.10(a)(2)(i) Upper Limits in Size and Complexity of Jobs Illinois NRCS Will Regularly Handle

Engineering assistance beyond normal planning, soils information, etc, will not be offered by NRCS – Illinois when the extent of the proposed practice exceeds the upper limits identified in Exhibit IL505-1, or for those practices not listed in Exhibit IL505-1, practices exceeding Job Approval Class V as identified on Illinois Engineering Job Approval Authority form IL-ENG-35 and any supplements determined by the State Conservation Engineer. For requests where the size or complexity of the proposed practice exceeds these limits, the requester should be referred to a professional consultant licensed in Illinois as a Professional Engineer or Structural Engineer, as applicable.

In addition, the following limitations apply:

- (A) Field office staff will limit survey and design assistance to practices for which the field office staff has job approval authority.
- (B) Area engineering assistance on jobs exceeding the job approval authority level of field office staff, but within the job approval authority of the Area Engineering staff, may be requested through normal line and staff procedures.
- (C) For dams meeting Illinois Department of Natural Resources (IDNR) class I or II hazard classification, as defined in the IDNR Rules for Construction and Maintenance of Dams, survey and design assistance will not be provided by IL-NRCS personnel.
- (D) For ponds or grade stabilization structures requiring an IDNR permit, as defined in the IDNR Rules for Construction and Maintenance of Dams, survey and design assistance will not be provided by IL-NRCS personnel.
- (E) For livestock management facilities where the Illinois Department of Agriculture requires a Professional Engineer or Professional Geologist signature/seal for investigation or design, the requester will be referred to a professional consultant. These activities include but are not limited to:
  - (i) Geologic investigations for determining existence of aquifer materials or karstified carbonate bedrock if a lagoon is proposed;
  - (ii) Design and construction inspection of liners for lagoons;
  - (iii) Design and construction inspection of liners for non-lagoon waste storage in areas with shallow aquifer material.

The State Conservationist may issue single case variances to the above limits, with significant justification. Request for waiver of the large job policy should be prepared on form IL-ENG-16B by Field and Area office staff and submitted to the ASTC-FO for concurrence and forwarding to the State Conservationist.

IL505-5(1)

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Exhibit IL 505-1 Upper Limit Criteria for IL-NRCS Engineering Assistance

Practice		Upper Limit Criteria
584	Channel Stabilization	Drainage area exceeds 50 square miles
317	Composting Facility	Capacity exceeds 500 lbs of dead animals per day
410, 378, 350, 356, 587, 646, 656, 658, 657, 659	Dams	IDNR class I or II hazard classification as identified in §IL 505.10(a)(2)(i)(C)
410, 378, 350	Dams, non-wetland	IDNR Permit Required as identified in §IL 505.10(a)(2)(i)(D)
533	Pumping Plant	Capacity exceeds 5000 gpm or Static Head exceeds 200 feet
580	Streambank Stabilization	Drainage area exceeds 300 square miles
313	Waste Storage Facility	1000 lb Animal Units exceed 1000 or IL Dept. of Agriculture requires PE for investigation or design as identified in §IL 505.10(a)(2)(i)(E)
359	Waste Treatment Lagoon	1000 lb Animal Units exceed 1000 or IL Dept. of Agriculture requires PE for investigation or design as identified in §IL 505.10(a)(2)(i)(E)
367	Waste Facility Cover	1000 lb Animal Units exceed 1000
634	Waste Transfer	Pipeline length exceeds 10,000 feet
All engineering practices not listed above		Job exceeds Class V

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IL-ENG-16B  
12/09

REQUEST FOR VARIANCE – LARGE JOB

Field Office \_\_\_\_\_ Date \_\_\_\_\_

Project Identification (*Landowner or Operator*) \_\_\_\_\_

Site Location \_\_\_\_\_ Engineering Job Class \_\_\_\_\_

Description of Proposed Survey/Design \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Justification for Variance Request \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

The work proposed above exceeds Job Approval Class V or limits in 210-V-NEM Exhibit IL 505-1. I am requesting a variance from the State Conservationist, authorizing commitment of NRCS resources to provide technical assistance for this activity.

Signed \_\_\_\_\_ Title \_\_\_\_\_

Concurrence \_\_\_\_\_ Date \_\_\_\_\_

*Assistant State Conservationist – Field Operations*

**RESPONSE**

The following staff person is authorized to provide assistance as per this request.

Name \_\_\_\_\_ Title \_\_\_\_\_

Or

The client requesting the above assistance should be referred to a professional consultant.

Signed \_\_\_\_\_ Date \_\_\_\_\_

*State Conservationist*

IL505-5(3)