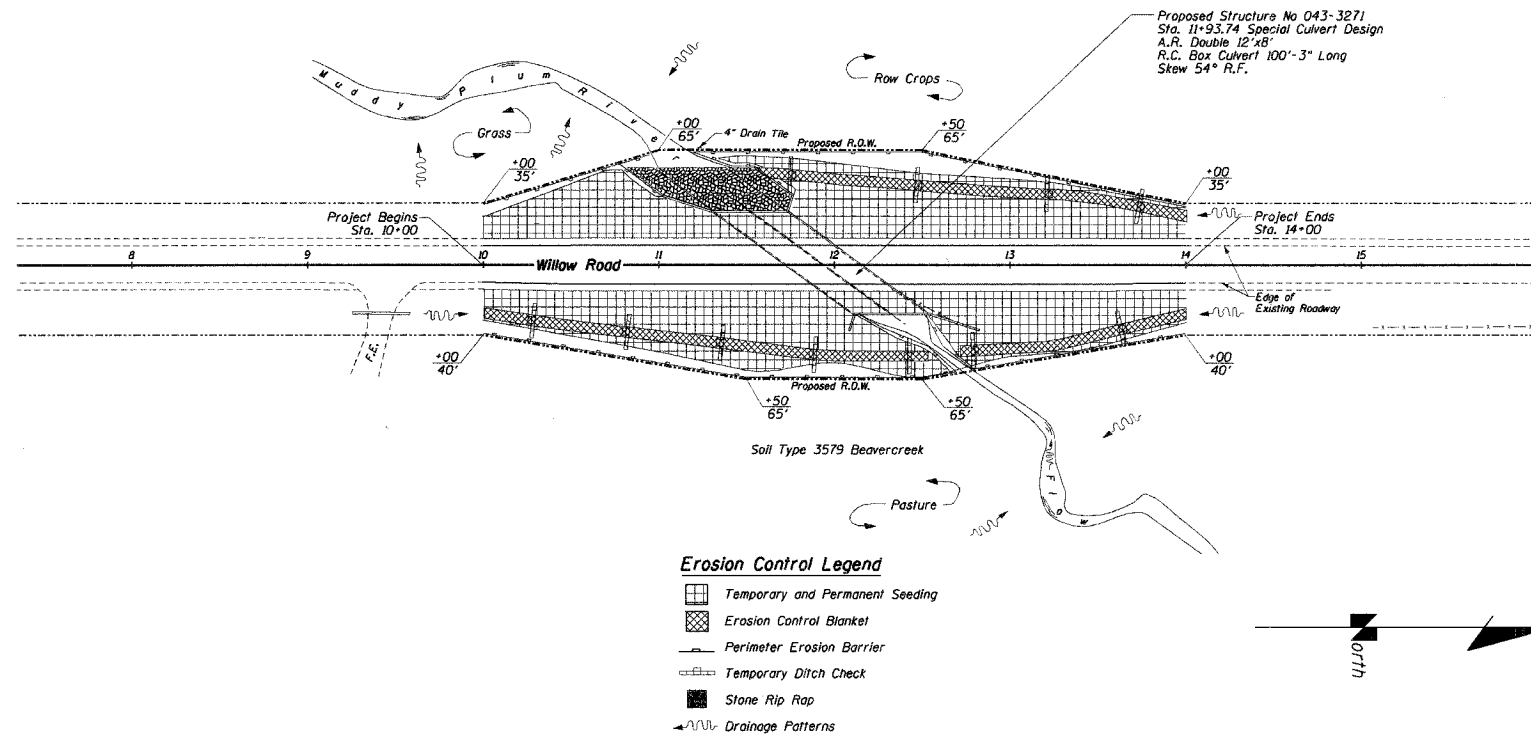


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1067	99-00119-00-BR	JO DAVIESS	9	4
ROAD DIST.	ILLINOIS			

Erosion Control Plan

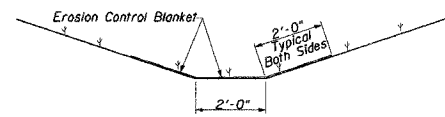


Erosion Control Legend

- Temporary and Permanent Seeding
- Erosion Control Blanket
- Perimeter Erosion Barrier
- Temporary Ditch Check
- Stone Rip Rap
- Drainage Patterns

Bill of Materials

Item	Unit	Quantity
Temporary Erosion Control Seeding	Pound	350
Seeding Class 2 (Special)	Acre	0.84
Temporary Ditch Checks	Each	11
Perimeter Erosion Barrier	Feet	1050
Earth Excavation for Erosion Control	Cu. Yd.	10
Erosion Control Blanket	Sq. Yd.	75
Stone Riprap, Class A5	Sq. Yd.	190
Filter Fabric	Sq. Yd.	190



Erosion Control Blanket Installation Detail

See Standard 280001-03 for Details on Remaining Erosion Control Items

Description of Stabilization Practices During Construction

1. During construction, areas outside the construction limits as outlined previously herein shall be protected. The contractor shall not use this area for staging (except as described on the plans and directed by the Engineer), parking of vehicles or construction equipment, storage of materials, or other construction related activities.
 - (a.) Within the construction limits, areas which may be susceptible to erosion as determined by the Engineer shall remain undisturbed until full-scale construction is underway to prevent unnecessary soil erosion.
 - (b.) Earth stockpiles shall be temporarily seeded if they are to remain unused for more than fourteen days.
 - (c.) As construction proceeds, the contractor shall institute the following as directed by the Engineer:
 - i. Place temporary erosion control facilities at locations shown on the plans.
 - ii. Temporarily seed erodible bare earth on a weekly basis to minimize the amount of erodible surface area within the contract limits.
 - iii. Construct roadside ditches and provide temporary erosion control systems.
 - iv. Temporarily divert water around proposed culvert locations.
 - v. Build necessary embankment at culvert locations and then excavate and place culvert.
 - vi. Continue building up the embankment to the proposed grade while at the same time, placing permanent erosion control such as rip rap ditch lining and conducting final shaping to the slopes.
 - (d.) Excavated areas and embankment shall be permanently seeded immediately after final grading. If not, they shall be temporarily seeded if no construction activity in the area is planned for 7 days.
 - (e.) Construction equipment shall be stored and fueled only at designated locations. All necessary measures shall be taken to contain any fuel or other pollutant in accordance with EPA water quality regulations. Leaking equipment or supplies shall be immediately repaired or removed from the site.
 - (f.) The Resident Engineer shall inspect the project daily during construction activities. Inspection shall also be done weekly and after rains of 1/2 inch or greater or equivalent snowfall and during the winter shutdown period.
 - (g.) Sediment collected during construction of the various temporary erosion control systems shall be disposed of on the site on a regular basis as directed by the Engineer. The cost of this maintenance shall be included in the unit bid price for earth excavation for erosion control.
 - (h.) The temporary erosion control systems shall be removed as directed by the engineer after use is no longer needed or no longer functioning. The cost of this removal shall be included in the unit bid price for various temporary erosion control pay items.

Description of Structural Practices after Final Grading

1. Temporary erosion control systems shall be left in place with proper maintenance until permanent erosion control is in place and working properly and all proposed turf areas seeded and established.
2. Once permanent erosion controls as proposed in the plans are functional and established, temporary items shall be removed, cleaned up, and disturbed turf re seeded.

Maintenance after Construction

1. Construction is complete after acceptance by I.D.O.T. final inspection. Maintenance up to this date will be by the contractor.

Miscellaneous

1. Temporary ditch checks shall be located at every 1.5 ft. fall/rise ditch grade.
2. Temporary erosion control seeding shall be applied at a rate of 100 lbs/acres.
3. Temporary ditch checks shall be constructed with products from the Department's approved list or shall be constructed from aggregate with the approval of the Engineer.
4. Sediment collected during construction by the various temporary erosion control systems shall be disposed of on the site on a regular basis, as directed by the Engineer. The cost of this maintenance shall be paid for at the contract unit price per cubic yard for earth excavation for erosion control.
5. All erosion control products furnished shall be specifically recommended by the manufacturer for the use specified in the erosion control plan. Prior to the approval and use of the product, the contractor shall submit to the Engineer a notarized certification by the producer stating the intended use of the product and that the physical properties required for this application are met or exceeded. The contractor shall provide manufacturer installation procedures to facilitate the Engineer in the construction inspection.

Notes: All items shall be constructed as shown on standard 280001-03 and as directed by the Engineer. Maintenance and cleaning of the erosion control items shall be included in the respective erosion control pay items.

See proposal booklet for the "Storm Water Pollution Prevention Plan".