

CONTRACT NO. 83923				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-06-BR	KANE	55	10
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

PIPE OUTLET TO CHANNEL

Pipe Outlet To Well-Defined Channel

PLAN

SECTION A-A

Filter Fabric
Bury End Of Fabric 12" Min.

NOTES:

- The filter fabric shall meet the requirements in material specification 592 GEOTEXTILE Table 1 or 2, Class I, II or III.
- The rock riprap shall meet the IDOT requirements for the following gradation _____.
- The riprap shall be placed according to construction specification 61 LOOSE ROCK RIPRAP. The rock may be equipment placed.

REFERENCE	STANDARD DWG. NO.
Project _____	IL-611
Designed _____	SHEET 1 OF 1
Checked _____	DATE 8-18-94
Approved _____	

SILT FENCE PLAN

ELEVATION

FABRIC ANCHOR DETAIL

NOTES:

- Temporary sediment fence shall be installed prior to any grading work in the area to be protected. They shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization.
- Filter fabric shall meet the requirements of material specification 592 Geotextile Table 1 or 2, Class I with equivalent opening size of at least 30 for nonwoven and 50 for woven.
- Fence posts shall be either standard steel post or wood post with a minimum cross-sectional area of 3.0 sq. in.

REFERENCE	STANDARD DWG. NO.
Project _____	IL-620
Designed _____	SHEET 1 OF 2
Checked _____	DATE 11-29-01
Approved _____	

SILT FENCE

ATTACHING TWO SILT FENCES

NOTES:

- Place the end post of the second fence inside the end post of the first fence.
- Rotate both posts at least 180 degrees in a clockwise direction to create a tight seal with the fabric material.
- Drive both posts a minimum of 18 inches into the ground and bury the flap.

REFERENCE	STANDARD DWG. NO.
Project _____	IL-620(W)
Designed _____	SHEET 2 OF 2
Checked _____	DATE 1-29-99
Approved _____	

PIPE OUTLET TO FLAT AREA

Pipe Outlet To Flat Area
No Well-Defined Channel

PLAN

SECTION A-A

Geotextile

NOTES:

- The filter fabric shall meet the requirements in material specifications 592 GEOTEXTILE Table 1 or 2, class I, II or III.
- The rock riprap shall meet the IDOT requirements for the following gradation RR _____, Quality _____.
- The riprap shall be placed according to construction specification 61 LOOSE ROCK RIPRAP. The rock may be equipment placed.

REFERENCE	STANDARD DWG. NO.
Project _____	IL-610
Designed _____	SHEET 1 OF 1
Checked _____	DATE 9-15-93
Approved _____	

EROSION BLANKET PLAN

DETAIL 1

DETAIL 2

DETAIL 3

NOTES:

- On erosion control paper, check slots, in ditch channel shall be spaced so that one occurs within each 50' on slopes of more than 4% and less than 6%. On slopes of 6% or more, they shall be spaced so that one occurs within each 25'.
- Staples are to be placed alternately, in columns approximately 2' apart and in rows approximately 3' apart. Approximately 175 staples are required per 4'x 225' roll of material and 125 staples are required per 4'x 150' roll of material.
- Erosion control material shall be placed loosely over ground surface. Do not stretch.
- All terminal ends and transverse laps shall be stapled at approximately 12' intervals.

REFERENCE	STANDARD DWG. NO.
Project _____	IL-530
Designed _____	SHEET 1 OF 2
Checked _____	DATE 9-24-94
Approved _____	

EROSION BLANKET PLAN

DETAIL 3

DETAIL 4

DETAIL 5

STAPLE DETAIL

NOTES:

- On erosion control paper, check slots, in ditch channel shall be spaced so that one occurs within each 50' on slopes of more than 4% and less than 6%. On slopes of 6% or more, they shall be spaced so that one occurs within each 25'.
- Staples are to be placed alternately, in columns approximately 2' apart and in rows approximately 3' apart. Approximately 175 staples are required per 4'x 225' roll of material and 125 staples are required per 4'x 150' roll of material.
- Erosion control material shall be placed loosely over ground surface. Do not stretch.
- All terminal ends and transverse laps shall be stapled at approximately 12' intervals.

REFERENCE	STANDARD DWG. NO.
Project _____	IL-530
Designed _____	SHEET 2 OF 2
Checked _____	DATE 3-1-95
Approved _____	

REVISIONS	
NAME	DATE

URS 100 S. Wacker Drive, Suite 500 TEL (312) 939-1000
Chicago, Illinois 60606 FAX (312) 939-4198

Illinois Route 31
Bridge over Stearns Road

Construction Details

SCALE: DATE 01/31/2007	DRAWN BY _____ CHECKED BY _____
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