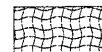

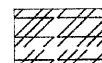





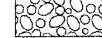


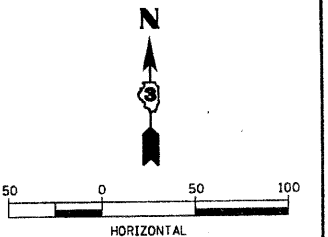


**LEGEND:**

- |   |                                    |   |  |
|---|------------------------------------|---|--|
|  | EROSION CONTROL BLANKET            |  | INLET PROTECTION                         |
|  | HEAVY DUTY EROSION CONTROL BLANKET |  | CONCRETE TRUCK WASHOUT                   |
|  | MULCH METHOD 2 PROCEDURE 3         |  | PERIMETER EROSION CONTROL BARRIER TYPE 1 |
|  | STABILIZED CONSTRUCTION ENTRANCE   |  | PERIMETER EROSION CONTROL BARRIER TYPE 2 |
|  | RIPRAP GRADATION 4                 |  | JAW HOOKS IN EROSION CONTROL BARRIER     |
|   |                                    |  | DITCH CHECKS                             |

NOTE: ALL SEEDING SHALL BE CLASS 1B EXCEPT WITHIN THE IL38 RIGHT-OF-WAY.  
IL38 RIGHT-OF-WAY SHALL BE CLASS 2A.

Revised 1-6-11



LAYOUT: MWH 08/04/09  
DRAWN: MWH 10/01/10  
REVIEWED: DPA 10/01/10

FILE NAME =  
C:\185-ERD-HARS.dgn

USER NAME =  
PLOT SCALE = 100.000' / in.  
PLOT DATE = 01/04/2011

DESIGNED -	DPA	REVISED -	
DRAWN -	MWH	REVISED -	
CHECKED -	DPA	REVISED -	
DATE -	11/04/10	REVISED -	

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**












**NORTHERN ILLINOIS UNIVERSITY**  
**FAR WEST CAMPUS EXPANSION**  
**HOUSING ACCESS ROAD SOUTH & EAST-WEST ROADWAY EROSION CONTROL PLAN**  
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 313+00 TO STA. 323+00

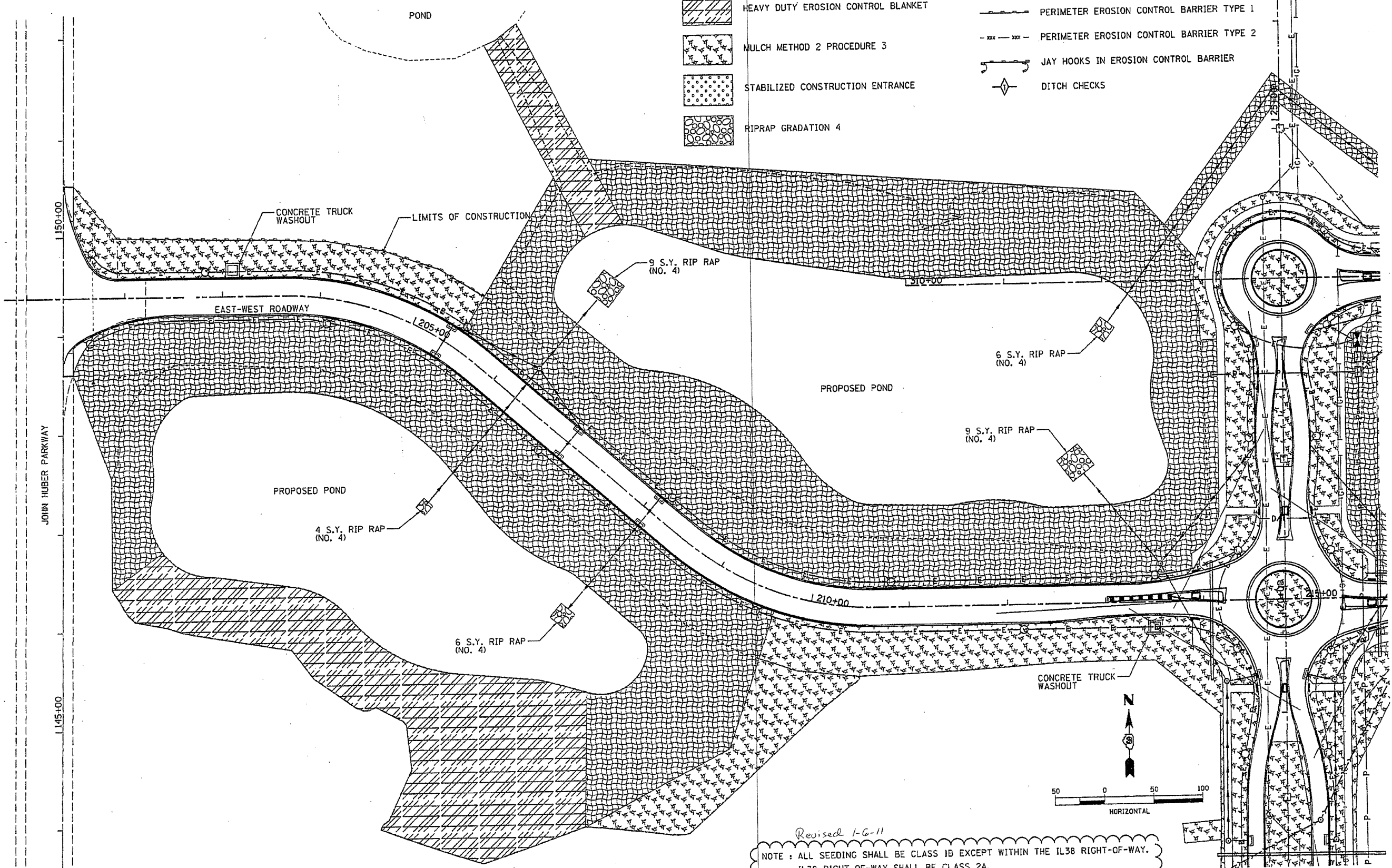
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	06-00002-00-PV	DEKALB	148	71
				<b>CONTRACT NO. B7476</b>
ILLINOIS FED. AID PROJECT				



LAYOUT 08/05/09  
 DRAWN 10/01/10  
 REVIEWED DPA 10/01/10  
 C:\185-ERD-EW.dgn

**LEGEND:**

-  EROSION CONTROL BLANKET
-  HEAVY DUTY EROSION CONTROL BLANKET
-  MULCH METHOD 2 PROCEDURE 3
-  STABILIZED CONSTRUCTION ENTRANCE
-  RIPRAP GRADATION 4
-  INLET PROTECTION
-  CONCRETE TRUCK WASHOUT
-  PERIMETER EROSION CONTROL BARRIER TYPE 1
-  PERIMETER EROSION CONTROL BARRIER TYPE 2
-  JAY HOOKS IN EROSION CONTROL BARRIER
-  DITCH CHECKS



*Revised 1-6-11*  
 NOTE: ALL SEEDING SHALL BE CLASS 1B EXCEPT WITHIN THE IL38 RIGHT-OF-WAY.  
 IL38 RIGHT-OF-WAY SHALL BE CLASS 2A.

FILE NAME =	USER NAME =	DESIGNED - DPA	REVISED -
C-185-ERD-EW.dgn		DRAWN - MWH	REVISED -
	PLOT SCALE = 100.000' / in.	CHECKED - DPA	REVISED -
	PLOT DATE = 01/04/2011	DATE - 11/04/10	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

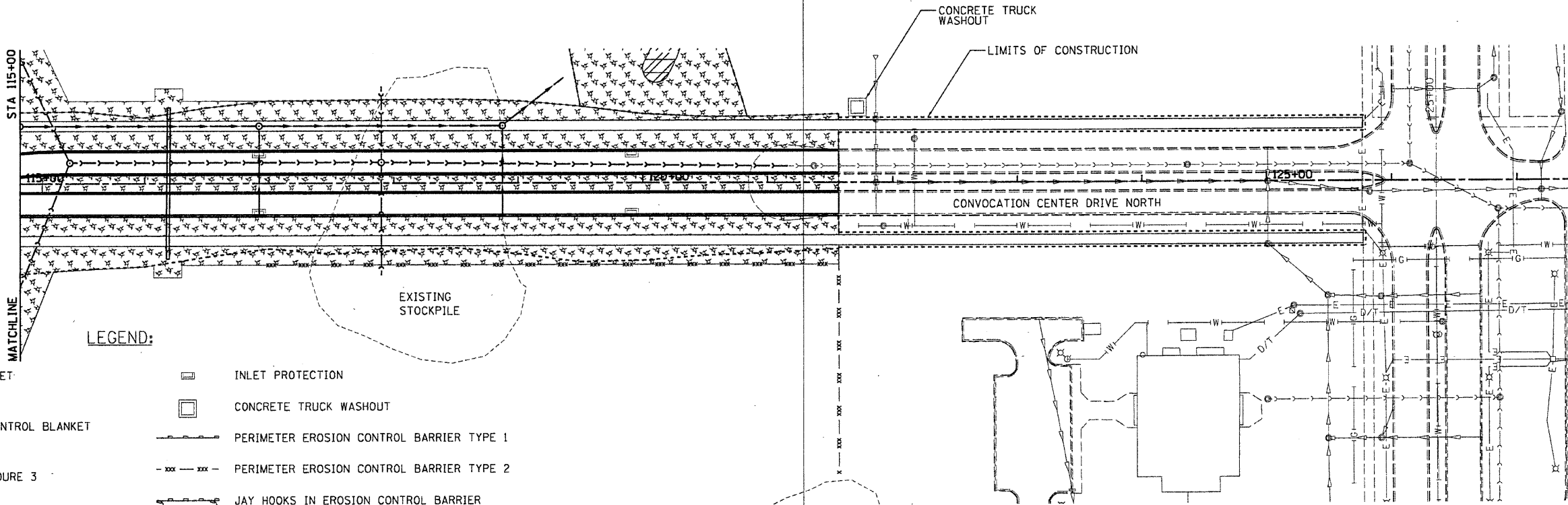
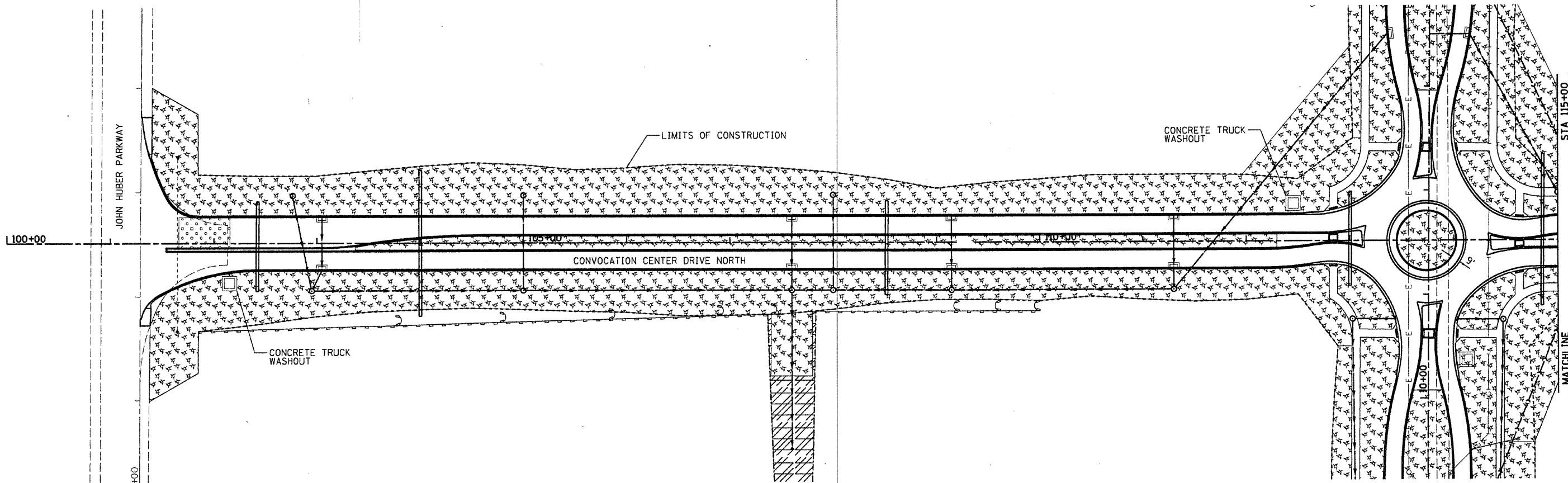
NORTHERN ILLINOIS UNIVERSITY  
 FAR WEST CAMPUS EXPANSION  
 EAST-WEST ROADWAY EROSION CONTROL PLAN  
 SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 200+00 TO STA. 207+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	05-00002-00-PV	DEKALB	148	72
CONTRACT NO. 87476				
ILLINOIS FED. AID PROJECT				

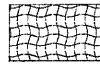
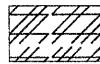











Hanson Professional Services Inc.

09/01/10 MWH  
10/01/10 MWH  
10/01/10 DPA  
01/04/2011  
C:\ADD\Road\Sheet\AC-187-ERO-CCDN.dgn

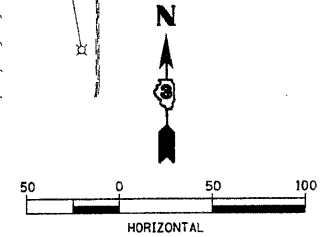


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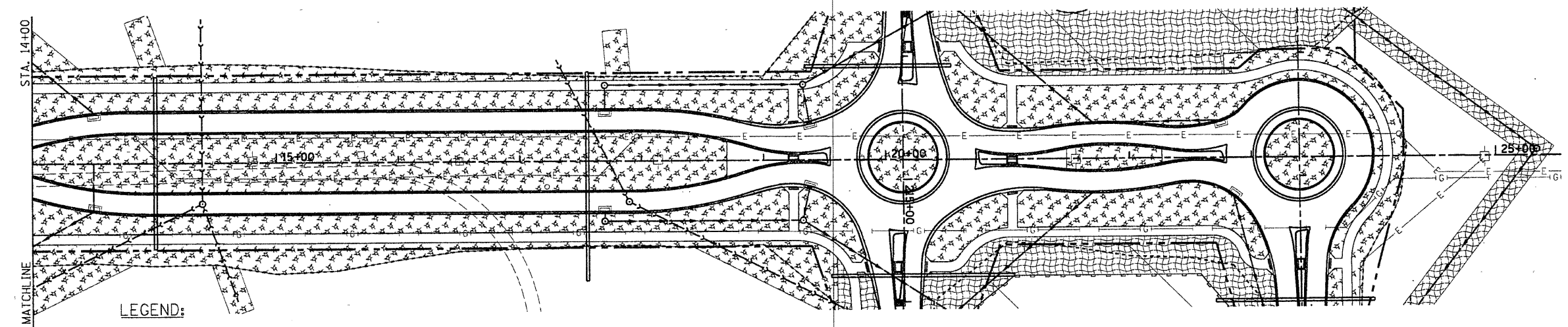
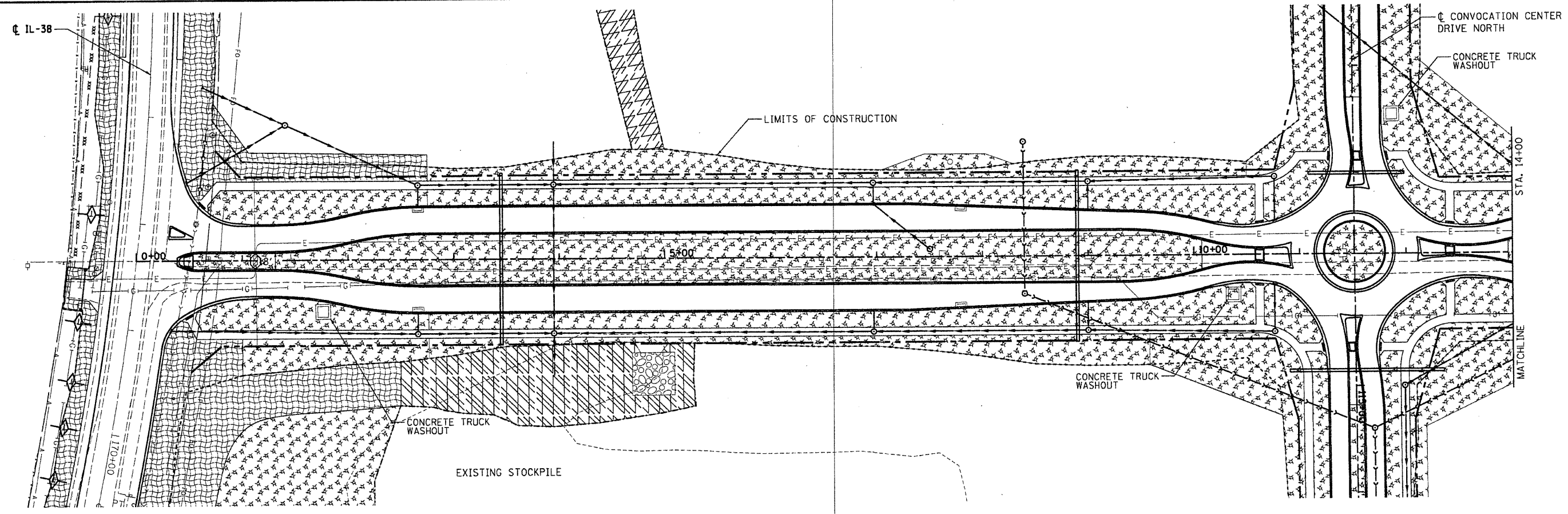
-  EROSION CONTROL BLANKET
-  HEAVY DUTY EROSION CONTROL BLANKET
-  MULCH METHOD 2 PROCEDURE 3
-  STABILIZED CONSTRUCTION ENTRANCE
-  RIPRAP GRADATION 4
-  INLET PROTECTION
-  CONCRETE TRUCK WASHOUT
-  PERIMETER EROSION CONTROL BARRIER TYPE 1
-  PERIMETER EROSION CONTROL BARRIER TYPE 2
-  JAY HOOKS IN EROSION CONTROL BARRIER
-  DITCH CHECKS

NOTE : ALL SEEDING SHALL BE CLASS 1B EXCEPT WITHIN THE IL38 RIGHT-OF-WAY.  
IL38 RIGHT-OF-WAY SHALL BE CLASS 2A.

Revised 1-6-11



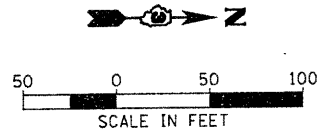
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	PLOT SCALE = 1/8" = 1'-0"	DRAWN - MWH	REVISED -			567	06-00002-00-PV	DEKALB	148	73	
	PLOT DATE = 01/04/2011	CHECKED - DPA	REVISED -			SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 100+00 TO STA. 123+00					
		DATE - 11/04/10	REVISED -			ILLINOIS FED. AID PROJECT					
						<b>CONTRACT NO. 87476</b>					



**LEGEND:**

- EROSION CONTROL BLANKET
- HEAVY DUTY EROSION CONTROL BLANKET
- MULCH METHOD 2 PROCEDURE 3
- STABILIZED CONSTRUCTION ENTRANCE
- RIPRAP GRADATION 4
- INLET PROTECTION
- CONCRETE TRUCK WASHOUT
- PERIMETER EROSION CONTROL BARRIER TYPE 1
- PERIMETER EROSION CONTROL BARRIER TYPE 2
- JAY HOOKS IN EROSION CONTROL BARRIER
- DITCH CHECKS

NOTE : ALL SEEDING SHALL BE CLASS 1B EXCEPT WITHIN THE IL38 RIGHT-OF-WAY. IL38 RIGHT-OF-WAY SHALL BE CLASS 2A.  
*Revised 1-6-11*



LAYOUT MWH 08/31/10  
 DRAWN MWH 11/04/10  
 REVIEWED DPA 11/04/10  
 C:\BBS\ERD-CENTRAL.dgn

FILE NAME =	USER NAME = MWH	DESIGNED - DPA	REVISED -
C:\BBS\ERD-CENTRAL.dgn		DRAWN - MWH	REVISED -
PLOT SCALE = AS SHOWN		CHECKED - DPA	REVISED -
PLOT DATE = 01/04/2011		DATE - 11/04/10	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**NORTHERN ILLINOIS UNIVERSITY  
FAR WEST CAMPUS EXPANSION  
MAIN CENTRAL ROADWAY EROSION CONTROL PLAN**

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 0+00 TO STA. 14+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	06-00002-00-PV	DEKALB	148	74
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		<b>CONTRACT NO. B7476</b>		



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LAYOUT	MWH	08/27/10
DRAWN	MWH	09/08/10
REVIEWED	DPA	

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DESIGNED	- DPA	REVISED	-
DRAWN	- MWH	REVISED	-
CHECKED	- DPA	REVISED	-
DATE	- 11/04/10	REVISED	-

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

NORTHERN ILLINOIS UNIVERSITY  
 FAR WEST CAMPUS EXPANSION  
 IL38 EROSION CONTROL PLAN

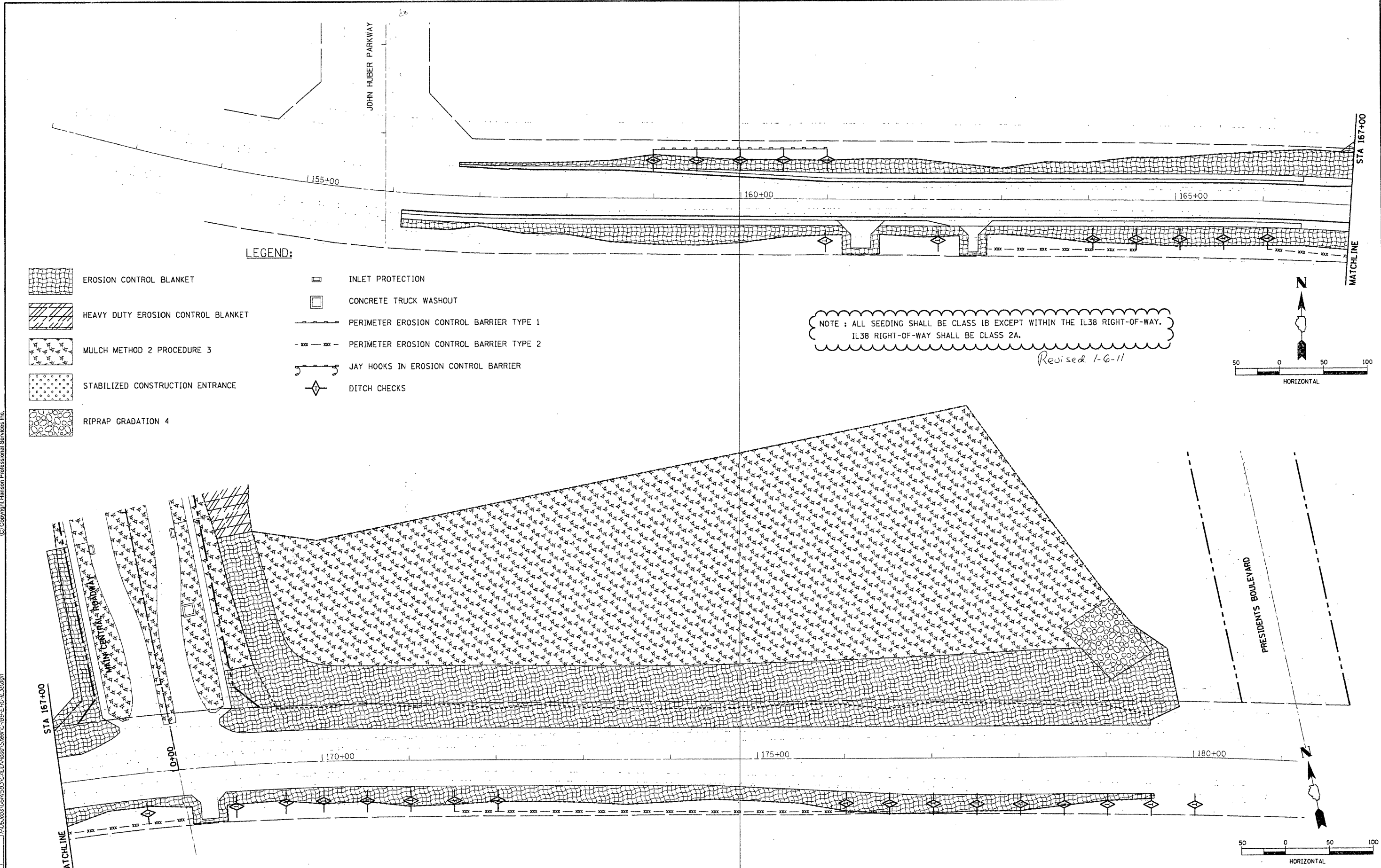
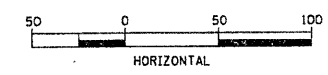
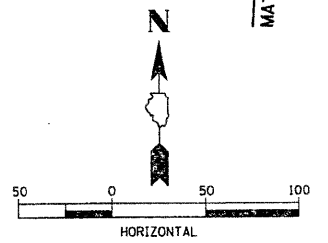
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 152+00 TO STA. 167+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	06-00002-00-PV	DEKALB	148	75
				CONTRACT NO. 87476
ILLINOIS FED. AID PROJECT				

- EROSION CONTROL BLANKET
- HEAVY DUTY EROSION CONTROL BLANKET
- MULCH METHOD 2 PROCEDURE 3
- STABILIZED CONSTRUCTION ENTRANCE
- RIPRAP GRADATION 4
- INLET PROTECTION
- CONCRETE TRUCK WASHOUT
- PERIMETER EROSION CONTROL BARRIER TYPE 1
- PERIMETER EROSION CONTROL BARRIER TYPE 2
- JAY HOOKS IN EROSION CONTROL BARRIER
- DITCH CHECKS

**LEGEND:**

NOTE: ALL SEEDING SHALL BE CLASS 1B EXCEPT WITHIN THE IL38 RIGHT-OF-WAY.  
 IL38 RIGHT-OF-WAY SHALL BE CLASS 2A.  
*Revised 1-6-11*





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**GENERAL**

1. THE EROSION CONTROL PLANS ARE INCLUDED TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF THE TEMPORARY EROSION CONTROL SYSTEMS.
2. PLACEMENT AND MAINTENANCE OF TEMPORARY EROSION CONTROL SYSTEMS WILL BE UTILIZED THROUGHOUT THE CONSTRUCTION WORK ZONE AS SOON AS POSSIBLE TO STABILIZE EXPOSED SOILS AND PREVENT ON-SITE DAMAGE. THIS WORK MAY BE CONSTRUCTED OF PERIMETER EROSION CONTROL BARRIER, DITCH CHECKS, SEEDING, OR OTHER APPROPRIATE METHODS AND MATERIALS, SEPARATELY OR IN COMBINATION AS APPROVED BY THE RESIDENT ENGINEER.
3. EROSION CONTROL DEVICES SHALL BE IN PLACE AND APPROVED BY THE RESIDENT ENGINEER AS TO PROPER PLACEMENT AND INSTALLATION PRIOR TO BEGINNING OTHER WORK.
4. THE RESIDENT ENGINEER WILL DETERMINE WHEN TEMPORARY EROSION CONTROL SYSTEMS SHOWN ON THE PLAN MAY BE MOVED TO A DIFFERENT LOCATION OR DELETED.
5. THE WORK SHALL BE COMPLETED IN ACCORDANCE WITH SECTION 280-TEMPORARY EROSION CONTROL OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
6. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE RESIDENT ENGINEER AND AS SHOWN IN STANDARD 280001. OR IN THESE PLANS.
7. TEMPORARY EROSION CONTROL SYSTEMS ARE NOTED ON THE EROSION CONTROL PLAN. THE PLAN MAY INCLUDE BUT NOT LIMITED TO THE FOLLOWING:
  - TEMPORARY DITCH CHECKS
  - PERIMETER EROSION BARRIER
  - INLET AND PIPE PROTECTION
  - TEMPORARY EROSION CONTROL SEEDING
  - EROSION CONTROL BLANKET
8. THE EROSION CONTROL PLAN INCLUDES WEEKLY INSPECTIONS TO BE COMPLETED BY THE CONTRACTOR AND RESIDENT ENGINEER.
9. IN THE EVENT OF HIGH WATER AND/OR HIGH FLOW RATES THAT DAMAGE THE PERIMETER EROSION AND SEDIMENT CONTROLS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING EROSION CONTROLS AND FOR RETRIEVING ANY CONTROLS THAT HAVE BEEN WASHED DOWNSTREAM.
10. STAW BALES ARE NOT ALLOWED FOR ANY USE EXCEPT FOR CONCRETE TRUCK CLEAN UP.
11. SILT FENCING IS NOT ALLOWED FOR USE IN DITCH CHECKS.

**PRIOR TO CONSTRUCTION**

1. PRIOR TO PERFORMING CONSTRUCTION ACTIVITIES RESULTING IN LAND DISTURBANCE, THE CONTRACTOR SHALL INSTALL ITEMS (IF SPECIFIED ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER) INTENDED TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION SITE. THE ITEMS MAY INCLUDE THE FOLLOWING:
  - TEMPORARY DITCH CHECKS
  - INLET AND PIPE PROTECTION
  - PERIMETER EROSION BARRIER

**DURING CONSTRUCTION**

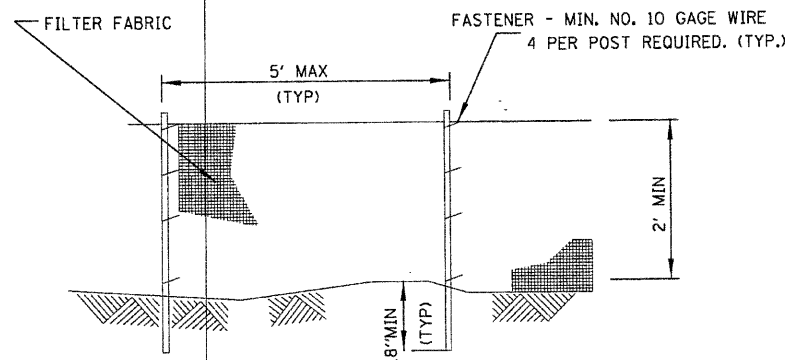
1. DURING CONSTRUCTION, THE CONTRACTOR SHALL:
  - CLEAN UP AND GRADE THE WORK AREA TO ELIMINATE CONCENTRATION OF RUNOFF.
  - INSTALL TEMPORARY DITCH CHECKS AT LOCATIONS SPECIFIED IN THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
  - INSTALL INLET AND PIPE PROTECTION AT LOCATIONS SPECIFIED IN THE PLAN OR AS DIRECTED BY THE RESIDENT ENGINEER.
  - COVER THE OPEN ENDS OF PIPES IN TRENCHES AT THE CLOSE OF EACH WORKING DAY.
  - PERFORM TEMPORARY EROSION CONTROL SEEDING AS SPECIFIED IN ARTICLE 280.04(f) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OR AS DIRECTED BY THE RESIDENT ENGINEER. TEMPORARY EROSION CONTROL SEEDING, SHALL ONLY BE PLACED ON AREAS EXPECTED TO REMAIN UNDISTURBED FOR GREATER THAN 21 CONTINUOUS DAYS.
2. THE CONTRACTOR SHALL MAINTAIN OR REPLACE (IF SPECIFIED BY THE RESIDENT ENGINEER) SEDIMENT CONTROL ITEMS:
  - THE TEMPORARY EROSION CONTROL SYSTEMS INSTALLED BY THE CONTRACTOR SHALL BE PROPERLY MAINTAINED AS DIRECTED BY THE RESIDENT ENGINEER AT ALL TIMES DURING THE PROJECT. THIS WORK SHALL INCLUDE REPAIR OF THE VARIOUS SYSTEMS, AND REMOVAL OF TRAPPED SEDIMENT.
  - IF THE CONTRACTOR FAILS TO MAINTAIN THE TEMPORARY EROSION CONTROL SYSTEMS AS DIRECTED BY THE RESIDENT ENGINEER, THE RESIDENT ENGINEER MAY AT THE EXPIRATION OF A PERIOD OF 48 HOURS, AFTER HAVING GIVEN THE CONTRACTOR WRITTEN NOTICE, PROCEED TO MAINTAIN THE SYSTEMS AS DEEMED NECESSARY, AND THE COST THEREOF WILL BE DEDUCTED FROM ANY COMPENSATION DUE, OR WHICH MAY BECOME DUE TO THE CONTRACTOR UNDER THIS CONTRACT.

**PRIOR TO LANDSCAPING/RESTORATION**

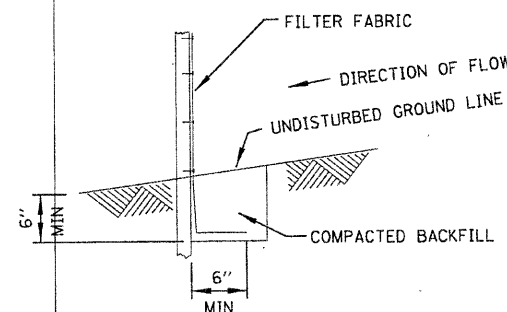
1. IMMEDIATELY PRIOR TO LANDSCAPING/RESTORATION WORK, THE CONTRACTOR SHALL:
  - REMOVE AND DISPOSE OF SILT RETAINED BY THE TEMPORARY DITCH CHECKS, AND REINSTALL THE TEMPORARY DITCH CHECKS AFTER CLEANING.
  - REMOVE AND DISPOSE OF SILT RETAINED BY THE PERIMETER EROSION BARRIER, REINSTALL THE PERIMETER EROSION BARRIER AFTER CLEANING, AND REMOVE AND REPLACE PLUGGED OR DAMAGED PERIMETER EROSION CONTROL BARRIER.

**FOLLOWING LANDSCAPING/RESTORATION**

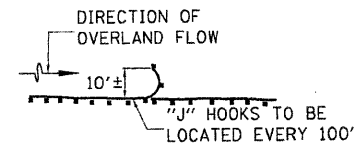
1. AFTER LANDSCAPING/RESTORATION WORK, THE CONTRACTOR SHALL MAINTAIN OR REPLACE (IF SPECIFIED BY THE RESIDENT ENGINEER) SEDIMENT CONTROL ITEMS.



**ELEVATION**



**FABRIC ANCHOR DETAIL**

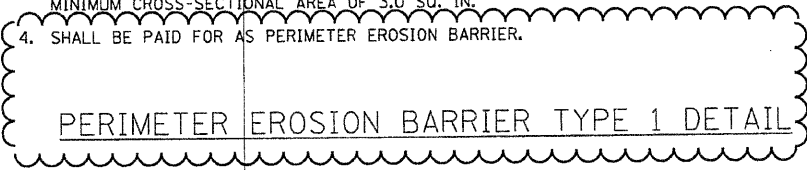


INSTALLATION OF "J" HOOKS FOR SEDIMENT BARRIERS NOT INSTALLED PARALLEL TO THE CONTOUR LINE

**SEDIMENT FENCE J-HOOKS**  
NTS

**NOTES:**

1. 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.
2. 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.
3. FENCE POSTS SHALL BE EITHER STANDARD STEEL POST OR WOOD POST WITH A MINIMUM CROSS-SECTIONAL AREA OF 3.0 SQ. IN.
4. SHALL BE PAID FOR AS PERIMETER EROSION BARRIER.



**PERIMETER EROSION BARRIER TYPE 1 DETAIL**

*Revised 1-6-11*

**VEGETATION ESTABLISHED**

1. AFTER THE VEGETATION IS ESTABLISHED IN THE DISTURBED AREA, THE CONTRACTOR SHALL:
  - REMOVE THE REMAINING SEDIMENT CONTROL ITEMS AS DIRECTED BY THE RESIDENT ENGINEER.
  - RESTORE THE AREAS DISTURBED BY THE SEDIMENT CONTROL ITEMS BY PERMANENT SEEDING MEASURES.

**INTENDED SEQUENCE**

1. PLACE PERIMETER EROSION CONTROL BARRIER PRIOR TO COMMENCEMENT OF ANY WORK. SEE STD. 280001
2. CONSTRUCT EARTHWORK, INCLUDING DITCHES. (MAXIMUM 10 ACRES DISTURBED AT ONE TIME PRIOR TO SEEDING. SEE ART. 280).
3. PLACE AND MAINTAIN TEMPORARY AND PERMANENT EROSION CONTROLS AS WORK PROGRESSES, SEED EVERY 7 DAYS. SEE ART. 280.
4. FINAL SHAPE, GRADE, AND PAVE ROADWAY.
5. PLACE REMAINING PERMANENT EROSION CONTROLS.

FILE NAME =	USER NAME =	DESIGNED - CRC	REVISED -
C:\98-ERO-DET.DGN		DRAWN - JDM	REVISED -
MODEL NAME =	PLOT SCALE =	CHECKED - CRC	REVISED -
	PLOT DATE =	DATE - 11/04/10	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**NORTHERN ILLINOIS UNIVERSITY  
FAR WEST CAMPUS EXPANSION  
EROSION CONTROL PLAN**

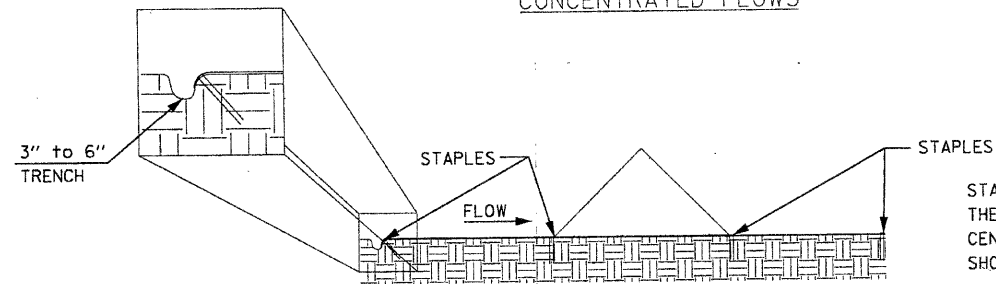
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WINNEBAGO	148	76
CONTRACT NO.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



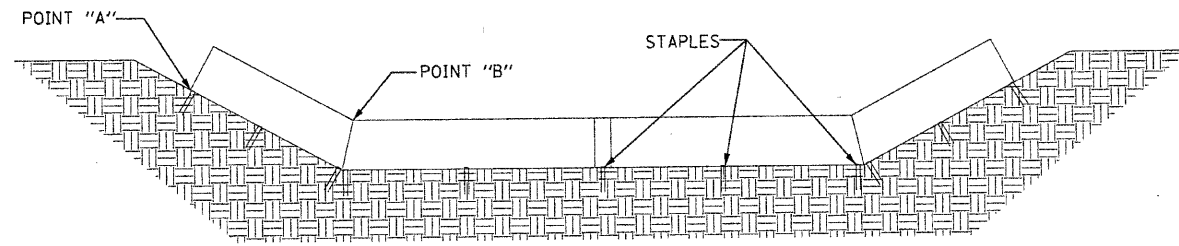
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**SEDIMENT BARRIERS FOR CONCENTRATED FLOWS**



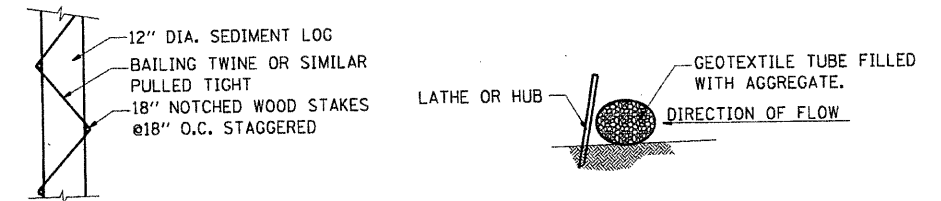
STAPLES SHALL BE PLACED WHERE THE UNITS OVERLAP AND IN THE CENTER OF THE 7' UNIT AS SHOWN ON THE DIAGRAMS

**TYPICAL TRIANGULAR SILT DIKE INSTALLATION**



POINT "A" MUST BE HIGHER THAN POINT "B" TO ENSURE THAT WATER FLOWS OVER THE DIKE AND NOT AROUND THE ENDS.

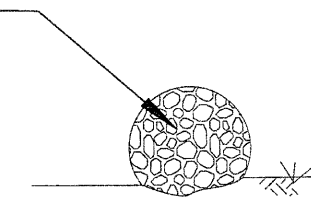
**TYPICAL DITCH CHECK LAYOUT PLAN**



SEDIMENT LOG PLAN VIEW ROC-SOC OR ROCK FILLED TUBE  
NTS NTS

**SEDIMENT BARRIERS FOR CONCENTRATED FLOWS**

6" to 9" DIA. GEOTEXTILE TUBE FILLED WITH CA 6 OR CA 15 AGG.



NOTE: SHALL BE PAID FOR AS PERIMETER EROSION BARRIER.

**PERIMETER EROSION BARRIER TYPE 2 DETAIL**

Revised 1-6-11

FILE NAME =	USER NAME =	DESIGNED - CRC	REVISED -
C-192-ERO-DET3.DGN		DRAWN - JDM	REVISED -
MODEL NAME =	PLOT SCALE =	CHECKED - CRC	REVISED -
	PLOT DATE =	DATE - 11/04/10	REVISED -

STATE OF ILLINOIS	DESIGNED - CRC	REVISED -
DEPARTMENT OF TRANSPORTATION	DRAWN - JDM	REVISED -
	CHECKED - CRC	REVISED -
	DATE - 11/04/10	REVISED -

<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

<b>NORTHERN ILLINOIS UNIVERSITY FAR WEST CAMPUS EXPANSION EROSION CONTROL PLAN</b>			
F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS
		WINNEBAGO	148
			SHEET NO. 78
CONTRACT NO.			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WINNEBAGO	148	78
CONTRACT NO.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				