

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	143
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

**TEMPORARY EROSION CONTROL NOTES**

**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 HAY OR STRAW BALES, SILT FILTER FENCE, 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 CONTRACTOR SHALL PLACE PERMANENT SEEDING WITHIN A REASONABLE AMOUNT OF TIME.
5. THE RESIDENT ENGINEER WILL DETERMINE WHEN TEMPORARY EROSION CONTROL SYSTEMS SHOWN ON THE PLAN MAY BE MOVED TO A DIFFERENT LOCATION OR DELETED.
6. THE WORK SHALL BE COMPLETED IN ACCORDANCE WITH SECTION 280-TEMPORARY EROSION CONTROL OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
7. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE RESIDENT ENGINEER AND AS SHOWN IN STANDARD 280001.
8. TEMPORARY EROSION CONTROL SYSTEMS ARE NOTED ON THE EROSION CONTROL PLAN SHEETS. THE PLAN MAY INCLUDED THE FOLLOWING:
  - TEMPORARY DITCH CHECKS
  - PERIMETER EROSION BARRIER
  - INLET AND PIPE PROTECTION
  - TEMPORARY EROSION CONTROL SEEDING
  - HEAVY DUTY EXCELSIOR BLANKET
9. THE EROSION CONTROL PLANS INCLUDE WEEKLY INSPECTIONS TO BE COMPLETED BY THE CONTRACTOR AND RESIDENT ENGINEER.

**PRIOR TO CONSTRUCTION**

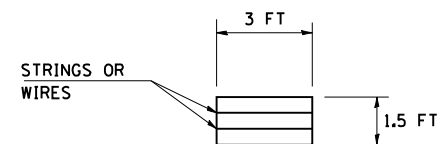
1. PRIOR TO PERFORMING CONSTRUCTION ACTIVITIES RESULTING IN LAND DISTURBANCE, THE CONTRACTOR SHALL INSTALL ITEMS (IF SPECIFIED ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER) INTENDED TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION SITE. THE ITEMS MAY INCLUDE THE FOLLOWING TEMPORARY EROSION CONTROL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

**PRIOR TO LANDSCAPING/RESTORATION**

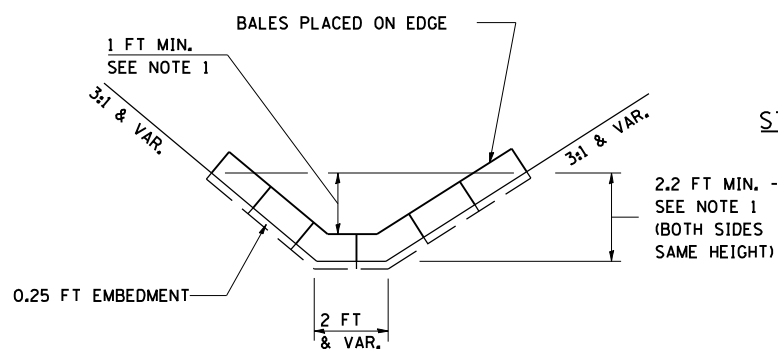
1. IMMEDIATELY PRIOR TO LANDSCAPING/RESTORATION WORK, THE CONTRACTOR SHALL:
  - REMOVE AND DISPOSE OF SILT RETAINED BY THE TEMPORARY DITCH CHECKS, REINSTALL THE TEMPORARY DITCH CHECKS AFTER CLEANING, AND REMOVE AND REPLACE PLUGGED OR DAMAGED HAY OR STRAW BALES.
  - REMOVE AND DISPOSE OF SILT RETAINED BY THE PERIMETER EROSION BARRIER, REINSTALL THE PERIMETER EROSION BARRIER AFTER CLEANING, AND REMOVE AND REPLACE PLUGGED OR DAMAGED SILT FILTER FENCE.
- FOLLOWING LANDSCAPING/RESTORATION
  1. AFTER LANDSCAPING/RESTORATION WORK, THE CONTRACTOR SHALL MAINTAIN OR REPLACE (IF SPECIFIED BY THE RESIDENT ENGINEER) SEDIMENT CONTROL ITEMS.
  - 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 AND MULCHING.

**DURING CONSTRUCTION**

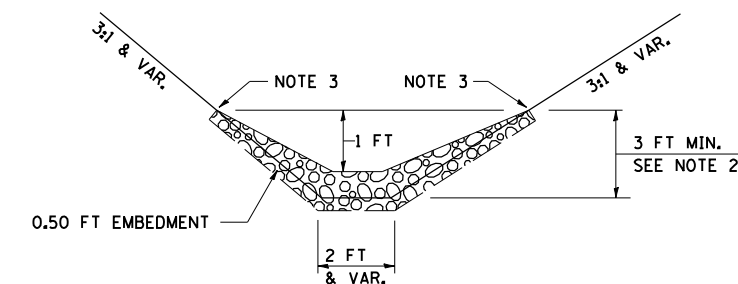
1. DURING CONSTRUCTION, THE CONTRACTOR SHALL:
  - CLEAN UP AND GRADE THE WORK AREA TO ELIMINATE CONCENTRATION OF RUNOFF.
  - INSTALL TEMPORARY DITCH CHECKS AT LOCATIONS SPECIFIED IN THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
  - INSTALL INLET AND PIPE PROTECTION AT LOCATIONS SPECIFIED IN THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER FOR CULVERTS AND INLETS AS THEY ARE INSTALLED AND AS WORK PROCEEDS.
  - INSTALL PERIMETER EROSION BARRIER AT LOCATIONS SPECIFIED ON THE PLANS 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.
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 TO CONTROL SILTATION AT ALL TIMES DURING THE LIFE OF THE CONTRACT. THIS WORK SHALL INCLUDE REPAIR OF THE VARIOUS SYSTEMS, REMOVAL OF TRAPPED SEDIMENT AND CLEANING OF ANY SILT FILTER FABRIC AND HAY OR STRAW BALES.
  - 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.



**HAY OR STRAW BALE**  
(TYPICAL ELEVATION)

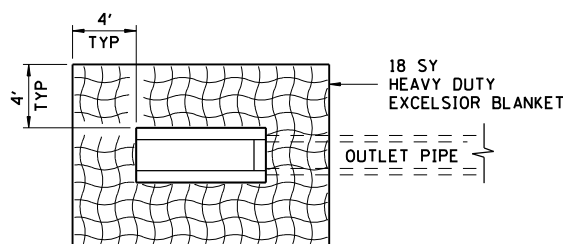


**HAY OR STRAW BALE TEMPORARY DITCH CHECK**  
(TYPICAL)

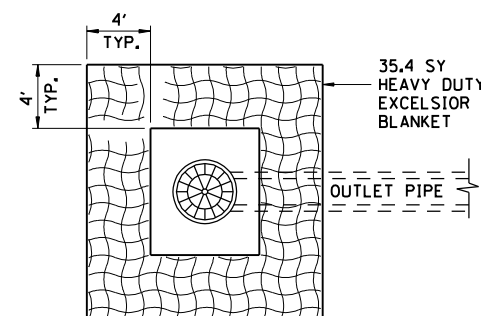


**STONE DUMPED RIPRAP DITCH CHECK**  
(TYPICAL)

- NOTE 1: BALES SHALL EXTEND FAR ENOUGH UP THE SLOPES TO ALLOW 1 FT OVERTOPPING TO AVOID ERODING AROUND THE EDGES OF THE BALES.
- NOTE 2: RIPRAP SHALL EXTEND FAR ENOUGH UP THE SLOPES TO ALLOW 1 FT OVERTOPPING TO AVOID ERODING AROUND THE EDGES OF THE RIPRAP.
- NOTE 3: ENDS SHALL BE TIED INTO SLOPES.

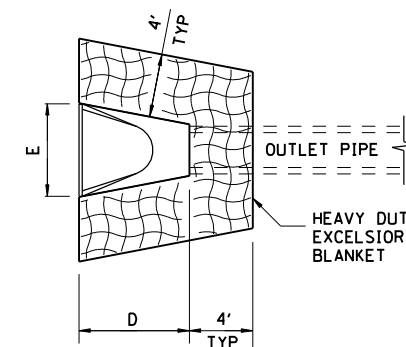


**HEAVY DUTY EXCELSIOR BLANKET**  
**HEADWALL FOR PIPE UNDERDRAIN**  
STD 601101

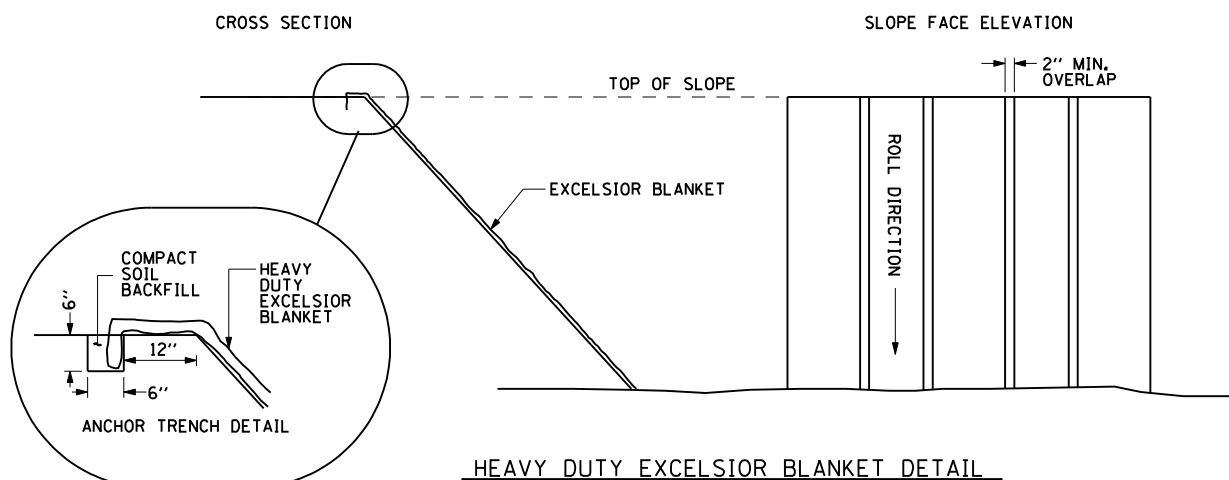


**HEAVY DUTY EXCELSIOR BLANKET**  
**AROUND MEDIAN INLETS**  
STD 604101 & STD 604106

DIA	E	D	AREA SY	ANCHOR SY	TOTAL SY
12"	2'	6'	14	4	18
18"	3'	6'	16	4	20
24"	4'	6'	18	6	24
36"	6'	8'	22	7	31
48"	7'	8'	24	8	32
60"	8'	8'	26	9	35
72"	9'	8'	28	10	38



**HEAVY DUTY EXCELSIOR BLANKET**  
**AROUND FLARED END SECTION**  
STD 542301



**HEAVY DUTY EXCELSIOR BLANKET DETAIL**

**STORM WATER POLLUTION PREVENTION PLAN NOTES**

1. ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON THIS SHEET, ON STANDARD 280001, AND AS DIRECTED BY THE ENGINEER.
2. THE SYMBOLOGY ON THE STORM WATER POLLUTION PREVENTION PLAN SHEETS DOES NOT REPRESENT THE SIZE OR QUANTITY OF BALES, FOR NUMBER OF BALES REFER TO DETAILS AND NOTES SHOWN ON THIS SHEET AND/OR AS DIRECTED BY THE ENGINEER.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 EROSION CONTROL NOTES & DETAILS  
 FAI-72, MACARTHUR BLVD  
 SEC NO. 02-00382-02-PV  
 SEC NO. (84-9-4)A,HBK,BY,BY-1  
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT. HORIZ.  
 DATE: 12/16/2006  
 DRAWN BY: CLG  
 CHECKED BY: JWM

