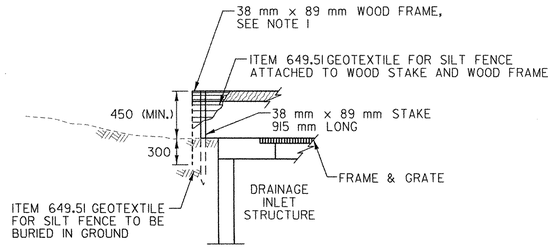
GENERAL NOTES FOR TEMPORARY SOIL EROSION AND SEDIMENT CONTROL

THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT THROUGHOUT THE DURATION OF THE CONTRACT IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT ALL WATER COURSES FROM WATERBORNE SEDIMENT OR POLLUTANTS ORIGINATING FROM ANY WORK DONE ON OR IN SUPPORT OF THIS PROJECT.

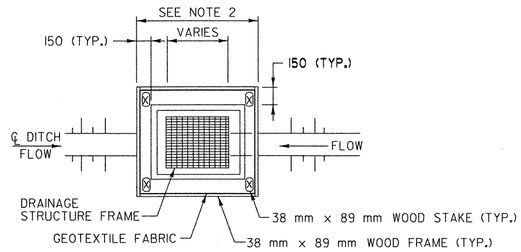
THE POLLUTION CONTROL NOTES AND DETAILS SHOWN IN THESE DRAWINGS ARE NOT INTENDED TO BE ALL INCLUSIVE BUT TO SERVE AS A GUIDELINE FOR THE DEVELOPMENT OF THE CONTRACTOR'S EROSION CONTROL SCHEME REQUIRED UNDER SECTION 105.22 THROUGH 105.30, OF THE STANDARD SPECIFICATIONS AND ALSO INCLUDING STANDARD SHEETS T-1M AND T-2M.

THE PURPOSE OF TEMPORARY SOIL EROSION AND SEDIMENT CONTROL IS TO PROTECT ABUTTING PROPERTY, WATER COURSES, PONDS, DITCHES, ETC., FROM THE DETRIMENTAL EFFECTS OF SOIL EROSION AND/OR SEDIMENT ORIGINATING FROM WITHIN THE WORK LIMITS AND/OR FROM AREAS SPECIFICALLY DESIGNATED FOR CONTRACTUAL OPERATIONS BY THE STATE. TEMPORARY EROSION CONTROL WORK DONE BY THE CONTRACTOR IN ACCORDANCE WITH THE PRE-APPROVED SCHEME, OR AS DIRECTED BY THE RESIDENT ENGINEER, SHALL BE PAID FOR UNDER THE APPROPRIATE ITEM(S). TO PROTECT PRIVATE PROPERTY, WATER COURSES, PONDS, DITCHES, ETC., IT REMAINS THE CONTRACTOR'S RESPONSIBILITY TO PROTECT HIS/HER OWN WORK AT NO ADDITIONAL COST TO THE STATE, IN ACCORDANCE WITH THE PROVISIONS OF SECTION 105.29 OF THE STANDARD SPECIFICATIONS.

1. INSPECTION OF SOIL EROSION AND POLLUTION CONTROL MEASURES, SHALL BE DONE ON A DAILY BASIS AND AFTER EVERY STORM OF 12 mm OR GREATER OR AS DIRECTED BY THE RESIDENT ENGINEER. REPAIRS SHALL BE MADE AS NEEDED AND SEDIMENT SHALL BE REMOVED WHEN THE STORAGE VOLUME OF AN EROSION CONTROL MEASURE IS APRROACHING ONE HALF OF ITS INTENDED CAPACITY OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. A TEMPORARY LINING MATERIAL MAY BE REQUIRED WHERE THE CONTRACTOR PROVIDES TEMPORARY CHANNELS TO KEEP CONTRACTOR'S WORK SITES FREE FROM WATER DURING CONSTRUCTION AS DIRECTED BY THE RESIDENT ENGINEER. NO DIRECT PAYMENT WILL BE MADE FOR THIS WORK; THE COST IS TO BE INCLUDED IN THE PRICE BID FOR THE OTHER ITEMS OF THE CONTRACT.
3. THE CONTRACTOR SHALL GRADE AND TRIM ALL SLOPES AS THE EXCAVATION PROGRESSES AND SEED ALL SLOPES AS DIRECTED BY THE RESIDENT ENGINEER, AND AS REQUIRED BY STANDARD T-1M.
4. THE CONTRACTOR SHALL HAVE A HYDROSEEDER AND/OR A MULCHING MACHINE AVAILABLE ON THE PROJECT SITE OR AVAILABLE AT ONE WEEK'S NOTICE (MAXIMUM) UNTIL THE PERMANENT SEEDING IS COMPLETED.
5. CONSTRUCTION OPERATIONS SHALL BE CONDUCTED IN SUCH A MANNER AS TO PREVENT ANY DAMAGE TO THE WATERS OF THE UNITED STATES FROM POLLUTION BY DEBRIS, SEDIMENT, OR OTHER FOREIGN MATERIAL, OR FROM MANIPULATION OF EQUIPMENT AND/OR MATERIALS IN OR NEAR THE WATERS OF THE UNITED STATES. THE CONTRACTOR SHALL NOT RETURN DIRECTLY TO THE WATERS OF THE UNITED STATES ANY WATER WHICH HAS BEEN USED FOR WASH PURPOSES OR OTHER SIMILAR OPERATIONS WHICH WOULD CAUSE THIS WATER TO BECOME POLLUTED WITH SAND, SILT, CEMENT, OIL OR OTHER IMPURITIES. IF THE CONTRACTOR USES WATER FROM THE WATERS OF THE UNITED STATES, THE CONTRACTOR SHALL CONSTRUCT AN INTAKE OR TEMPORARY DAM TO PROTECT AND MAINTAIN STREAM WATER QUALITY.
6. DURING CONSTRUCTION, NO WET OR FRESH CONCRETE OR LEACHATE SHALL BE ALLOWED TO ESCAPE INTO THE WATERS OF THE UNITED STATES, NOR SHALL WASHING FROM CONCRETE TRUCKS, MIXERS OR OTHER DEVICES BE ALLOWED TO ENTER ANY WETLANDS OR WATERS OF THE UNITED STATES.
7. THE SCHEME PROPOSED BY THE CONTRACTOR TO ACCOMPLISH EROSION AND POLLUTION CONTROL SHALL BE SUBJECT TO APPROVAL BY THE RESIDENT ENGINEER.
8. GRAVEL BAGS SHALL BE AS DESCRIBED IN SECTION 203 EXCEPT THAT ONLY GRAVEL FILL IS ACCEPTABLE. GRAVEL FILL SHALL BE FREE OF SILT AND GRAVEL BAGS WILL BE REMOVED IN THEIR ENTIRETY AT THE COMPLETION OF THE PROJECT.
9. SNOW FENCE (MOD.) SHALL BE ERECTED PRIOR TO ANY ACTIVITY THAT WILL ALTER THE SITE SUCH AS PLACING TRAILERS, STOCK PILES, STORAGE AREAS, DEMOLITION, OR CONSTRUCTION.
10. SILT FENCE MAY BE SUBSTITUTED WITH COMMERCIALLY AVAILABLE EROSION / SEDIMENT CONTROL DEVICES AS APPROVED IN WRITING BY THE RESIDENT ENGINEER. THE DEVICES SHALL OFFER EROSION / SEDIMENT CONTROL EQUAL TO OR BETTER THAN THE ITEMS THEY ARE SUBSTITUTING.



ELEVATION



PLAN

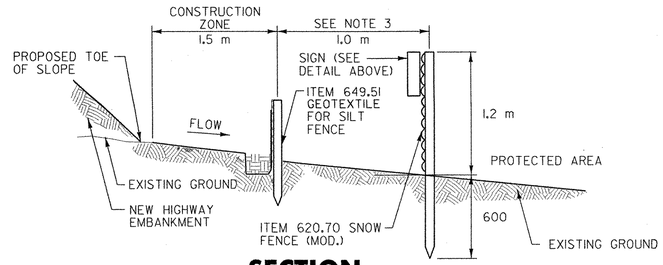
NOTES:

1. A 38 mm x 89 mm WOOD FRAME SHALL BE COMPLETED AROUND THE TOP OF THE STAKES OVER THE ATTACHED FABRIC FOR OVERFLOW STABILITY.
2. SPACE STAKES EVENLY AROUND INLET MAXIMUM OF 900 mm SPACING AND DRIVE A MINIMUM 450 mm DEEP. SPANS GREATER THAN 900 mm MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
3. CUT GEOTEXTILE FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY SHALL BE OVERLAPPED TO THE NEXT SPLICE.

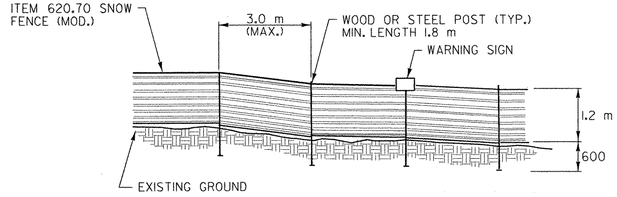
SILT FENCE FOR TEMPORARY SEDIMENT CONTROL AT DRAINAGE INLET STRUCTURES

STANDARD SYMBOL

WARNING SIGN DETAIL



SECTION



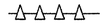
ELEVATION

NOTES:

1. WARNING SIGNS SHALL BE PLACED AT 30 m INTERVALS
2. ITEM 620.70 SNOW FENCE (MOD.) SHALL BE INSTALLED PRIOR TO BEGINNING ANY WORK AS DIRECTED BY THE RESIDENT ENGINEER.
3. IN AREAS ADJACENT TO OR WITHIN A WETLAND THE RESIDENT ENGINEER MAY REQUIRE ITEM 620.70 SNOW FENCE (MOD.) TO BE PLACED IN COMBINATION WITH THE SILT FENCE.
5. THE RESIDENT ENGINEER MAY EXTEND THE DISTANCE BETWEEN THE PROPOSED TOE OF SLOPE AND SILT FENCE PROVIDING IT DOES NOT TAKE PLACE IN A WET-LAND/WATERBODY AND DOES NOT REQUIRE THE REMOVAL OF EXISTING VEGETATION.
6. THE CONTRACTOR SHALL INSTALL AT THE BEGINNING OF THE CONTRACT, AND MAINTAIN THROUGHOUT ITS DURATION ITEM 620.70 SNOW FENCE (MOD.) AROUND THE EXISTING WETLAND AREAS/STREAM COURSE AREAS AS SHOWN. THE CONTRACTOR SHALL NOT DISTURB THE FENCED AREAS. THE COST SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 620.70 SNOW FENCE (MOD.)

SNOW FENCE (MOD.)

STANDARD SYMBOL



ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE NOTED.

EROSION CONTROL DETAIL SHEET	SURVEYED BY C.H.A. & V.S.E. DATE 12/93 DESIGNED BY D.W.E. DATE 2/04 DRAWN BY C.A.K. DATE 2/04 CHECKED BY D.E.G. DATE 2/04 DESIGN FILE NO. DETPL05.DGN PROJ. NAME BENNINGTON - HOOSICK D.P.I. 0146(1) C/6 PROJ. NO. P.I.N. 1306.60 DWG NO. EC-1 SHEET 17 OF 83

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83 (1992)

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