FED. ROAD REG. NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	0146001	47	92

BENNINGTON CONNECTOR S.H. 98-2

P.I.N. 1306.60

WHITEHOUSE BRIDGE - VERMONT STATE LINE S.H. 1426

RENSSELAER COUNTY

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 WATER BORNE 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 AND NYSDOT STANDARD SHEETS ARE NOT INTENDED TO BE ALL INCLUSIVE BUT TO SERVE AS A GUIDELINE FOR THE DEVELOPMENT OF THE CONTRACTOR'S EROSION CONTROL SCHEME.

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. PAYMENT WILL BE MADE UNDER ITEM 209.XX M FOR TEMPORARY CONTROL WORK DONE BY THE CONTRACTOR IN ACCORDANCE WITH THE PRE-APPROVED SCHEME, OR AS DIRECTED BY THE RESIDENT ENGINEER, 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 SECTIONS 203, 206, AND/OR 209 OF THE NYSDOT STANDARD SPECIFICATIONS, JANUARY 2, 2002.

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 APPROACHING ONE HALF OF ITS INTENDED CAPACITY OR AS DIRECTED BY THE RESIDENT ENGINEER.

2. IMMEDIATELY UPON COMPLETION OF EXCAVATION OR EMBANKMENT, THE CONTRACTOR SHALL INSTALL THE APPROPRIATE FINAL DITCH LINING AS SHOWN IN THE CONTRACT DOCUMENTS AND/OR PLACE TEMPORARY DITCH CHECKS IN ALL ROADWAY AND OUTLET DITCHES AS DIRECTED BY THE RESIDENT ENGINEER.

3. A TEMPORARY LINING MATERIAL MAY BE REQUIRED WHERE THE CONTRACTOR PROVIDES TEMPORARY CHANNELS TO KEEP CONTRACTOR'S WORK SITES FREE FROM WATER DURING CONSTRUCTION. OR 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.

4. 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 SECTION 203 OF THE NYSDOT STANDARD SPECIFICATIONS JANUARY 2, 2002.

5. ANY EXCAVATED SOIL SHALL BE SUITABLY RETAINED SO THAT THERE IS NO TURBID RUNOFF DISCHARGE EITHER DIRECTLY OR INDIRECTLY INTO FWWHF-3 OR BROWNS BROOK.

6. ALL UNUSED, EXCAVATED MATERIALS AND/OR CONSTRUCTION DEBRIS, SHALL BE IMMEDIATELY REMOVED UPON COMPLETION OF CONSTRUCTION.

7. THE CONTRACTOR SHALL HAVE A HYDROSEEDER AND/OR A MULCHING MACHINE AVAILABLE ON THE PROJECT OR AVAILABLE AT ONE WEEK'S NOTICE (MAXIMUM) UNTIL THE PERMANENT SEEDING IS COMPLETED.

8. CONSTRUCTION OPERATIONS SHALL BE CONDUCTED IN SUCH A MANNER AS TO PREVENT ANY DAMAGE TO THE STREAM FROM POLLUTION BY DEBRIS, SEDIMENT, OR OTHER FOREIGN MATERIAL, OR FROM MANIPULATION, OF EQUIPMENT AND/OR MATERIALS IN OR NEAR THE STREAM. THE CONTRACTOR SHALL NOT RETURN DIRECTLY TO THE STREAM ANY WATER WHICH HAS BEEN USED FOR WASH PURPOSES OR OTHER SIMILAR OPERATIONS WHICH CAUSE THIS WATER TO BECOME POLLUTED WITH SAND, SILT, CEMENT, OIL OR OTHER IMPURITIES. IF THE CONTRACTOR USES WATER FROM THE STREAM, THE CONTRACTOR SHALL CONSTRUCT AN INTAKE OR TEMPORARY DAM TO PROTECT AND MAINTAIN STREAM WATER QUALITY.

9. 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.

10. THE SCHEME PROPOSED BY THE CONTRACTOR TO ACCOMPLISH EROSION AND POLLUTION CONTROL SHALL BE SUBJECT TO APPROVAL BY THE RESIDENT ENGINEER.

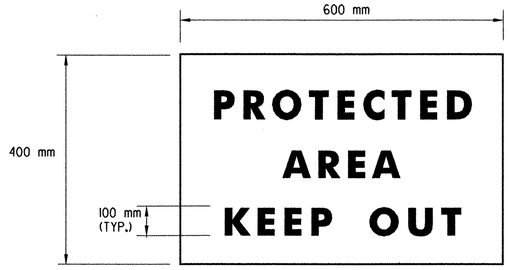
11. GRAVEL BAGS SHALL BE AS DESCRIBED IN SECTION 209-2.08 EXCEPT THAT ONLY GRAVEL FILL IS ACCEPTABLE. GRAVEL FILL SHALL BE FREE OF SILT AND GRAVEL BAGS WILL BE REMOVED IN THEIR ENTIRETY AT THE COMPLETION OF THE PROJECT.

12. STRAW BALES MAY BE USED AS A SUBSTITUTE FOR HAY BALES.

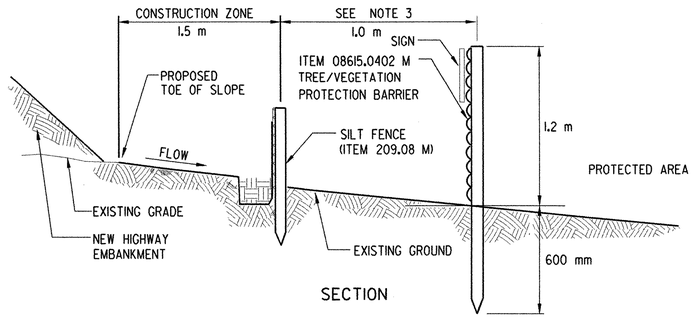
13. ITEM 08615.0402 M VEGETATION PROTECTION BARRIER: THE BARRIERS SHALL BE ERECTED PRIOR TO ANY ACTIVITY THAT WILL ALTER THE SITE SUCH AS PLACING TRAILERS, STOCK PILES, STORAGE AREAS, DEMOLITION, OR CONSTRUCTION.

14. STRAW BALE / HAY BALE, SILT FENCE AND COFFERDAMS 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 OR BETTER THAN PROVIDED BY THE ITEMS THEY ARE SUBSTITUTING.

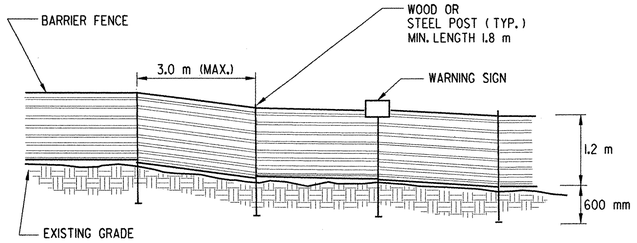
15. ITEM 209.1001 MULCH - TEMPORARY SHALL BE THE PRIMARY EROSION PREVENTION METHOD USED ON THIS PROJECT AS SPECIFIED IN THE CONTRACT DOCUMENTS AND AS DIRECTED BY THE RESIDENT ENGINEER. AN ESTIMATED QUANTITY OF 25,000 m^2 HAS BEEN INCLUDED IN THE PLANS.



WARNING SIGN DETAIL



SECTION



ELEVATION

NOTES:

1. WARNING SIGNS SHALL BE PLACED AT 30 m INTERVALS.
2. TREE/VEGETATION PROTECTION BARRIER SHALL BE INSTALLED IN THE LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER PRIOR TO BEGINNING ANY WORK IN THESE AREAS.
3. IN AREAS ADJACENT TO OR WITHIN A WETLAND THE RESIDENT ENGINEER MAY REQUIRE THE TREE/VEGETATION PROTECTION BARRIER TO BE PLACED IN COMBINATION WITH THE SILT FENCE.
4. THE RESIDENT ENGINEER MAY EXTEND THE DISTANCE BETWEEN THE PROPOSED TOE-OF-SLOPE AND SILT FENCE PROVIDING IT DOES NOT TAKE PLACE IN A WETLAND/WATERBODY AND DOES NOT REQUIRE THE REMOVAL OF EXISTING VEGETATION.
5. THE CONTRACTOR SHALL INSTALL AT THE BEGINNING OF THE CONTRACT, AND MAINTAIN THROUGHOUT ITS DURATION, THE TREE/VEGETATION PROTECTION BARRIER AROUND THE EXISTING WETLAND AREAS/STREAM COURSE AREAS AS SHOWN. THE CONTRACTOR SHALL NOT DISTURB EXISTING WETLAND AREAS/STREAM COURSE AREAS WITHIN THE FENCED AREAS.

SYMBOL:

ITEM 08615.0402 M (m)
TREE/VEGETATION PROTECTION BARRIER
N.T.S.

TEMPORARY SOIL EROSION AND SEDIMENT CONTROLS

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	T.P.K.	DATE 2/04

DESIGN FILE NO. EC-1.DGN

PROJ. NAME BENNINGTON - HOOSICK D.P.I. 0146(1) C/1

PROJ. NO. P.I.N. 1306.60

SHEET 47 OF 92 DWG NO. EC-1

CHECKED BY D. GOZALKOWSKI — DRAFTED BY C. KAHLBAUGH — CHECKED BY I. BURTNICK — DATE 2/04
DESIGNED BY D. EMERICH — CHECKED BY D. GOZALKOWSKI — ESTIMATED BY D. EMERICH — CHECKED BY
IN CHARGE OF T. KARIS
FILE NAME = y:\511\projects\contract1\ec-1.dgn
DATE/TIME = 2/23/2004
USER = 2225