

GENERAL NOTES

1. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO STATE OF VERMONT AGENCY OF TRANSPORTATION, STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 1990 AND ITS LATEST REVISIONS, AND THE AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES DATED 1992 AND ITS LATEST REVISIONS.
2. A MINIMUM OF ONE-WAY TRAFFIC SHALL BE MAINTAINED THRU THE PROJECT DURING CONSTRUCTION.
3. THE COST OF ON-PROJECT SIGNS AND BARRICADES SHALL BE SUBSIDIARY TO OTHER CONTRACT ITEMS. THE CONTRACTOR SHALL ALLOW FREE ACCESS TO DRIVES ON THE PROJECT.
4. ANY IN-STREAM CONSTRUCTION SHALL BE ACCOMPLISHED DURING THE PERIOD JUNE 1 TO OCTOBER 1. ANY DEVIATION FROM THIS TIME PERIOD SHALL BE APPROVED IN WRITING BY THE AGENCY OF NATURAL RESOURCES.
5. A PRE-CONSTRUCTION MEETING WILL BE HELD. AT THAT TIME, THE CONTRACTOR WILL SUBMIT AN EROSION/SEDIMENT CONTROL PLAN WITH A SCHEDULE OF EVENTS. THIS PLAN SHALL BE SITE SPECIFIC.
6. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT SILTATION OR POLLUTION, ESPECIALLY THE DISCHARGE OF RAW CONCRETE INTO THE BROOK, AS DIRECTED BY THE RESIDENT ENGINEER AND STANDARD SPECIFICATIONS SECTION 105.
7. REMOVAL OF THE EXISTING 72" DIA. CGMP AND HEADWALLS SHALL BE PAID FOR UNDER THE ITEM "REMOVAL OF STRUCTURE". HEADWALLS SHALL BE REMOVED IN THEIR ENTIRETY.
8. THE COSTS OF MAINTAINING TRAFFIC THRU THE PROJECT DURING THE INSTALLATION OF THE NEW PIPE AND HEADWALLS SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 528.10, ONE-WAY TEMPORARY BRIDGE. THE LUMP SUM PRICE BID SHALL BE FULL COMPENSATION FOR PROVIDING, INSTALLING AND REMOVING TEMPORARY EXTENSIONS TO EXISTING PIPE AND CONSTRUCTING AND REMOVING TEMPORARY EMBANKMENTS. THE PIPE EXTENSIONS SHALL BE AT LEAST THE SAME SIZE DIAMETER AS THE EXISTING PIPE AND BE ADEQUATELY ATTACHED TO THE EXISTING PIPE.
9. THE LUMP SUM BID FOR ITEM 614.10, TEMPORARY RELOCATION OF STREAM, SHALL BE FULL COMPENSATION FOR ANY CHANNEL EXCAVATION AND CHANNEL PROTECTION MEASURES NECESSARY FOR RELOCATING THE STREAM DURING THE INSTALLATION OF THE NEW PIPE AND HEADWALLS.
10. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 1" X 1".
11. WATER REPELLENT SHALL BE APPLIED TO ALL EXPOSED CONCRETE SURFACES ON THE HEADWALLS.
12. JOINTS AND SCORE MARKS IN CONCRETE SHALL BE CONSTRUCTED AS INDICATED ON THE PLANS OR AS INDICATED BY THE RESIDENT ENGINEER.
13. THE KEY IN CONCRETE CONSTRUCTION JOINTS SHALL BE MONOLITHIC AND CONTINUOUS FOR THE FULL LENGTH OF THE JOINT. ALL UPWARD KEYS SHALL BE PLACED INTEGRALLY WITH THE CONCRETE BELOW THE JOINT.
14. ALL DIMENSIONS ARE HORIZONTAL OR VERTICAL AND ARE GIVEN AT 68 °F.
15. MINIMUM COVER FOR REINFORCING STEEL SHALL BE 2" ALONG BACK FACES OF WALLS AGAINST EARTH AND 3" ELSEWHERE, UNLESS DIRECTED BY THE RESIDENT ENGINEER.
16. REINFORCING PLACEMENT TOLERANCES SHALL BE:
 SPACING: +/- 1"
 CLEARANCE: +/- 1/4"
17. THE FOLLOWING TABLE OF ALLOWABLE STRESSES AND WEIGHTS APPLY TO THESE PLANS FOR DESIGN PURPOSES:

CAST-IN-PLACE CONCRETE: $f'_c = 3500$ PSI $f_c = 1400$ PSI
 REINFORCING STEEL (GRADE 60): $F_t = 24,000$ PSI $F_c = 20,000$ PSI
 SOIL UNIT WEIGHT: 140 PCF

SEEDING FORMULA RURAL AREAS

% WT.	LBS./A.	NAME	PUR %	GERM %
37.5	22.5	CREeping RED FESCUE	98	85
37.5	22.5	TALL FESCUE	95	90
5.0	3.0	RED TOP	95	90
15.0	9.0	BIRDSFOOT TREFLOIL	98	85
5.0	3.0	ANNUAL RYEGRASS	95	85
100.0	60.0			

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SEED MIXTURE: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.

SEED: TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE ENGINEER.

FERTILIZER: FORMULA 10-20-10, TO BE USED WITH SEED, APPLIED AT THE RATE OF 500 LBS./ACRE. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA).

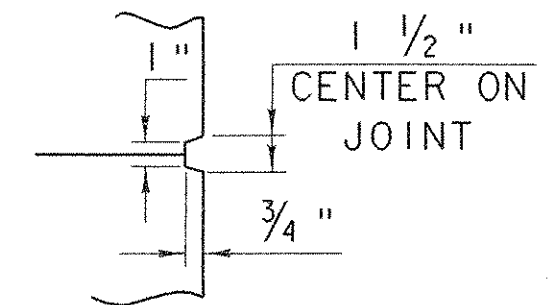
AGRICULTURAL LIMESTONE: TO BE APPLIED AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.

HAY MULCH: TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.

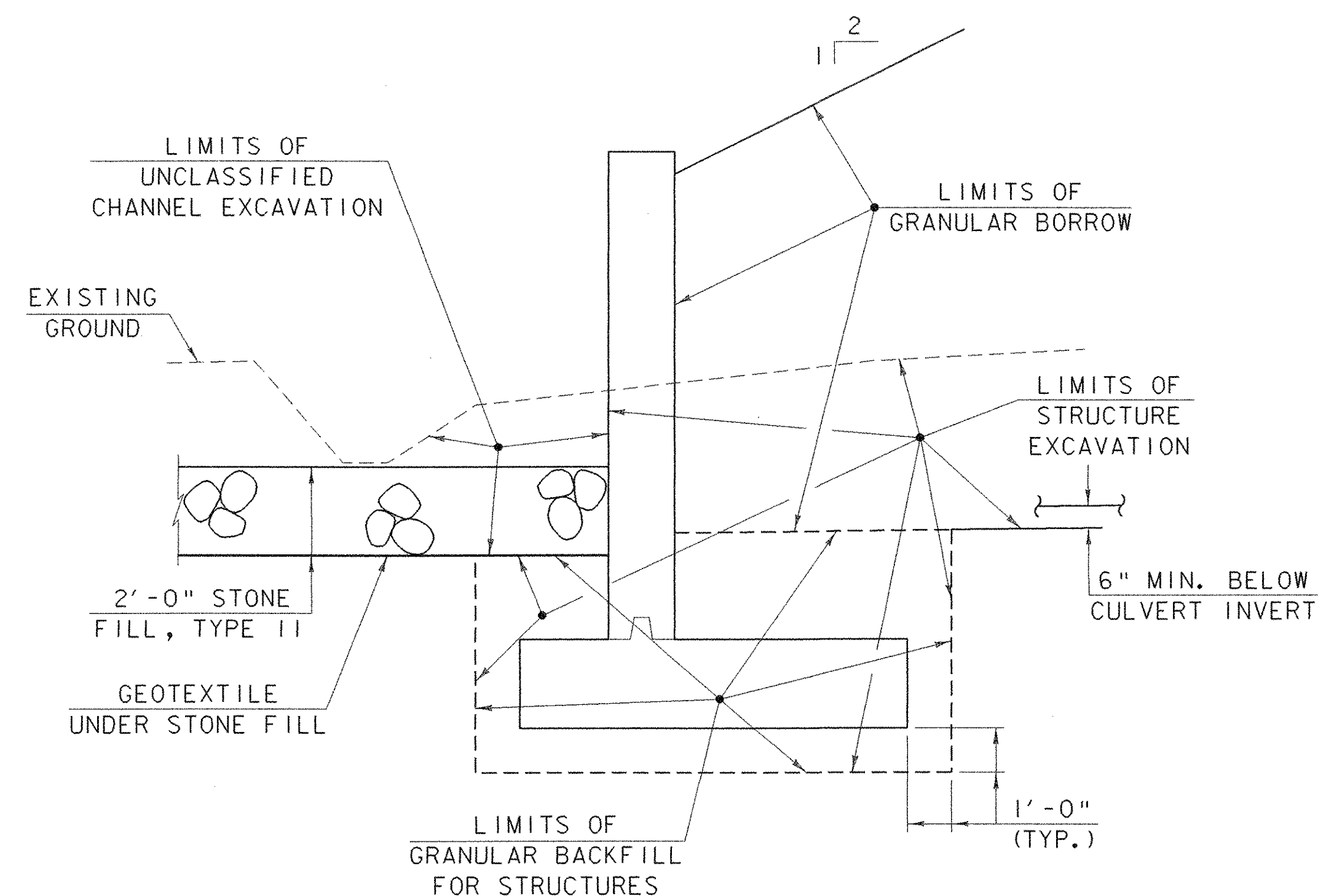
TOPSOIL: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.

MARKER POSTS: TO BE PLACED AS INDICATED OR AS DIRECTED BY THE ENGINEER.

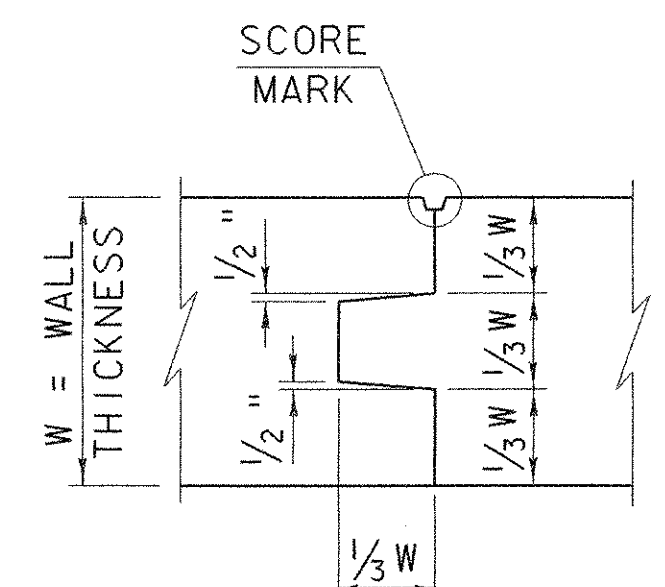
TACK COAT: EMULSIFIED ASPHALT IS TO BE APPLIED AT THE RATE OF 0.015 GAL/SY BETWEEN SUCCESSIVE COURSES OF PAVEMENT AS DIRECTED BY THE ENGINEER.



SCORE MARK DETAIL
NTS



TYPICAL EARTHWORK SECTION
NOT TO SCALE



**TYPICAL CONCRETE
CONSTRUCTION JOINT**
NTS

STATE OF VERMONT AGENCY OF TRANSPORTATION			
Town Of	DERBY	Bridge No.	13
Highway No.	T. H. 6	Log Sta.	---
		Surv. Sta.	---
T. H. 6 OVER BROOK			
GENERAL NOTES			
Designed By	R. WHITCOMB	Drawn By	G. ROY
Checked By	Date	Bridge Design Supervisor	Date
R. WHITCOMB	12/95	J.H. WEAVER	12/95
PROJECT	DERBY	PROJECT NO.	TH 2 - 8910
I.G.C. Info. /str3/88/III/s/IIIgndgn		s/IIIgnd	
Bridge Sheet No.		Sheet	11 of 29