



CONSTRUCTION SPECIFICATIONS

1. STONE SIZE- USE 1-4" STONE, RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH- NOT LESS THAN 50' (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30' MINIMUM LENGTH APPLIES).
3. THICKNESS- NOT LESS THAN EIGHT INCHES.
4. WIDTH- 12' MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. 24' IF SINGLE ENTRANCE TO SITE.
5. GEOTEXTILE MUST BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING STONE.
6. SURFACE WATER- ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED ACCORDING TO PERMIT REQUIREMENTS.

ADAPTED FROM DETAILS PROVIDED BY: NEW YORK STATE DEC
ORIGINALLY DEVELOPED BY USDA-NRCS
VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION

STABILIZED
CONSTRUCTION
ENTRANCE

NOTES:
REFER TO "THE VERMONT STANDARDS & SPECIFICATIONS FOR
EROSION PREVENTION & SEDIMENT CONTROL -2006- " FROM
THE VT AGENCY OF NATURAL RESOURCES FOR ADDITIONAL
GUIDANCE.

THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION
653 FOR VEHICLE TRACKING PAD (PAY ITEM 653.35) OR AS SPECIFIED
IN THE CONTRACT.

| REVISIONS | |
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| MARCH 24, 2008 | WHF |
| JANUARY 13, 2009 | WHF |
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| VAOT RURAL AREA SEED MIX | | | | | |
|--------------------------|-----------|-----------|---------------------|--------|----------|
| % WEIGHT | LBS/AC | | NAME | GERM % | PURITY % |
| | BROADCAST | HYDROSEED | | | |
| 37.50% | 22.5 | 45 | CREeping RED FESCUE | 85% | 98% |
| 37.50% | 22.5 | 45 | TALL FESCUE | 90% | 95% |
| 5.00% | 3 | 6 | RED TOP | 90% | 95% |
| 15.00% | 9 | 18 | BIRDSFOOT TREFOIL | 85% | 98% |
| 5.00% | 3 | 6 | ANNUAL RYE GRASS | 85% | 95% |
| 100.00% | 60 | 120 | | | |

| VAOT URBAN AREA SEED MIX | | | | | |
|--------------------------|-----------|-----------|---------------------|--------|----------|
| % WEIGHT | LBS/AC | | NAME | GERM % | PURITY % |
| | BROADCAST | HYDROSEED | | | |
| 42.50% | 34 | 68 | CREeping RED FESCUE | 85% | 98% |
| 10.00% | 8 | 16 | PERENNIAL RYE GRASS | 90% | 95% |
| 42.50% | 34 | 68 | KENTUCKY BLUE GRASS | 85% | 85% |
| 5.00% | 4 | 8 | ANNUAL RYE GRASS | 85% | 95% |
| 100.00% | 80 | 160 | | | |

| GENERAL GUIDANCE | | | |
|------------------|-----------|------------|------------|
| FERTILIZER | | LIME | |
| BROADCAST | HYDROSEED | BROADCAST | HYDROSEED |
| 10-20-10 | 19-19-19 | PELLETIZED | LIQUID |
| 500 LBS/AC | -- | 2 TONS/AC | 4.4 GAL/AC |

CONSTRUCTION GUIDANCE

1. RURAL SEED MIX: USE AS INDICATED IN THE PLANS AND/OR FOR ALL ESTABLISHED UPLAND (NON WETLAND) AREAS DISTURBED BY THE CONTRACTOR.
2. URBAN SEED MIX: USE AS INDICATED IN THE PLANS AND/OR FOR ALL ESTABLISHED LAWN AREAS DISTURBED BY THE CONTRACTOR.
3. ALL SEED MIXTURES: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.
4. FERTILIZER AND LIMESTONE: SHALL BE PLACED AT THE RATE OF 500 LBS./ACRE AND TWO TONS/ACRE RESPECTIVELY OR AS DIRECTED BY THE ENGINEER.
5. HAY MULCH: TO BE PLACED ON EARTH SLOPES AT THE RATE OF TWO TONS/ACRE, ACHIEVE 90% GROUND COVER OR AS DIRECTED BY THE ENGINEER.
6. TOPSOIL: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.
7. HYDROSEEDING: ALTHOUGH GUIDANCE IS GIVEN ABOVE THE SITE CONDITIONS AND THE TYPE OF HYDROSEED WILL ULTIMATELY DICTATE THE AMOUNTS AND TYPES OF SOIL AMENDMENTS TO BE APPLIED
8. TURF ESTABLISHMENT: PLACING SEED, FERTILIZER, LIME AND MULCH PRIOR TO SEPTEMBER 15 AND AFTER APRIL 15 CAN BETTER ENSURE A VIGOROUS GROWTH OF GRASS.
9. MOWING: RECOMMENDED EARLY MOWING ONCE OR TWICE WHEN GRASS REACHES SIX INCH MAXIMUM HEIGHT TO PREVENT BROADLEAF WEED COMPETITION DURING ESTABLISHMENT PERIOD.

TURF
ESTABLISHMENT

| VAOT SAND & GRAVEL SITE CONSERVATION SEED MIX | | | | | |
|---|-----------|-----------|------------------|--------|----------|
| % WEIGHT | LBS/AC | | NAME | GERM % | PURITY % |
| | BROADCAST | HYDROSEED | | | |
| 32.00% | -- | 4 | SWITCH GRASS | VARIES | VARIES |
| 32.00% | -- | 4 | BIG BLUESTEM | VARIES | VARIES |
| 16.00% | -- | 2 | LITTLE BLUESTEM | VARIES | VARIES |
| 12.00% | -- | 2 | SAND LOVEGRASS | VARIES | VARIES |
| 8.00% | -- | 1 | BLACKKEYED SUSAN | VARIES | VARIES |
| 100.00% | 0 | 13 | | | |

CONSTRUCTION GUIDANCE

1. SEEDING SHALL BE COMPLETED BY THE USE OF A HYDROSEEDER AND DOZER COMBINATION.
2. USE DOZER TO TRACK THE SITE. SLOPES SHALL BE TRACKED UP AND DOWN, NOT SIDE TO SIDE.
3. ONLY CLEAN, WEED-FREE STRAW MULCH SHALL BE USED.
4. SEE TURF ESTABLISHMENT NOTES FOR MULCH, FERTILIZER AND LIMESTONE APPLICATION RATES.

GRASS CHANNEL
SEEDING

PROJECT NAME: BERLIN
PROJECT NUMBER: STPG SGNL(40)

FILE NAME: +lib358ero.dgn PLOT DATE: 10/20/2014
PROJECT LEADER: P. COBURN DRAWN BY: T. SISSON
DESIGNED BY: T. SISSON CHECKED BY: M. LACROIX
EPC DETAIL SHEET 3 SHEET 75 OF 123