Vegetative Plan

(See Table 7-1)

Seedbed Preparation (SP)

SP-1 Fill slopes 3:1 or steeper to be seeded with a hydroseeder (permanent)

1) Leave the last 4-6 inches of fill loose and uncompacted, allowing rocks, roots, large clods, and other debris to remain on the slope.

2) Roughen slope faces by making grooves 2-3 inches deep, perpendicular to the slope.

3) Spread lime evenly over slopes at rates recommended by soil tests.

SP-2 Fill slopes 3:1 or steeper planted by conventional seeding methods (permanent)

1) Leave a loose, uncompacted surface. Remove large clods, rocks, and debris which might hold netting above the surface.

2) Spread lime and fertilizer evenly at rates recommended by soil tests and incorporate to a depth of 2-4 inches by disking on the contour.

3) Disk or harrow and rake to produce a uniform and well-pulverized surface.

4) Loosen surface just prior to applying seed.

5) Perform all tillage operations on or near the contour.

SP-3 Fill slopes 3:1 or steeper planted by conventional seeding methods (temporary)

1) Leave a loose, uncompacted surface. Remove large clods, rocks, and debris which might hold netting above the surface.

2) Spread lime and fertilizer evenly at rates recommended by soil tests.

3) Incorporate amendments by roughening or grooving soil surface on the contour.

SP-4 High-maintenance turf

1) Remove rocks and debris that could interfere with tillage and the production of a uniform seedbed.

2) Apply lime and fertilizer at rates recommended by soil tests; spread evenly and incorporate to a depth of 2-4" with a farm disk or chisel plow.

3) Loosen the subgrade immediately prior to spreading topsoil by disking or scarifying to a depth of at least 2 inches.

4) Spread topsoil to a depth of 2-4 inches and cultipack.

5) Disk or harrow and rake to produce a uniform and well-pulverized surface.

6) Loosen surface just prior to applying seed.

SP-5 Gently or flat slopes where topsoil is not used

1) Remove rocks and debris.

2) Apply lime and fertilizer at rates recommended by soil tests; spread evenly and incorporate into the top 6 inches with a disk, chisel plow, or rotary tiller.

3) Break up large clods and rake into a loose, uniform seedbed.

4) Rake to loosen surface just prior to applying seed.

Seeding Methods SM

SM-1 Use hydroseeding equipment to apply seed and fertilizer, a wood fiber mulch at 45 lb/1,000 ft^2, and mulch tackifer.

SM-2 1) Broadcast seed at the recommended rate with a cyclone seeder, drop spreader, or cultipacker seeder.

2) Rake seed into the soil and lightly pack to establish good contact.

Mulch MU

MU-1 In mid-summer, late fall, or winter, apply 90 lb/1,000 ft^2 (4,000 lb/acre) grain straw or hay, cover with netting and staple to the slope. In spring or early fall use 45 lb/1,000 ft^2 wood fiber in a hydroseeder slurry.

MU-2 Apply 90 lb/1,000 ft^2 (4,000 lb/acre) grain straw or hay and anchor with 4.5 gal/1,000 ft^2 asphalt (200 gal/acre) or by crimping.

MU-3 Apply 70 lb/1,000 ft^2 (3,000 lb/acre) grain straw or hay and tack with 3.5 gal/1,000 ft^2 asphalt (150 gal/acre) or by crimping.

MU-4 Grassed waterway/concentrated flow areas

Install excelsior mat in the waterway, extend up the waterway banks to the highest calculated depth of flow, and secure according to manufacturer's specifications.

On waterway shoulders, apply 90 lb/1000 ft^2 (4,000 lb/acre) grain straw or hay and anchor with 4.5 gal/1,000 ft^2 asphalt (200 gal/acre) or by crimping.

Maintenance MA

MA-1 Warm season grasses

Refertilize in early spring with 150 lbs. 13-13-13 fertilizer/acre. Mow as desired.

Keep mowed to a height of 2-4 inches. For high level maintenance apply additional nitrogen in June. Reseed weak stand areas.

MA-2 Cool season grasses

Refertilize 150/lbs. of 13-13-13 fertilizer in October or November

For high level maintenance, topdress with nitrogen in February or March. Reseed weak stand areas.

Table 7-1.

DESCRIPTION	SEED BED METHOD	SEED METHOD	MULCH METHOD
Slopes 3:1 or steeper - Hydroseed - Permanent	SP-1	SM-1	MU-1
Slopes 3:1 or steeper - Seeding - Permanent	SP-2	SM-2	MU-2
Slopes 3:1 or steeper - Seeding - Temporary	SP-3	SM-2	MU-2
High Maintenance Turf	SP-4	SM-2	MU-3
Gentle or Flat Slopes	SP-5	SM-2	MU-3
Grassed Waterways or Concentrated Flow Areas	SP-5	SM-2	MU-4