ROADSIDE DEVELOPMENT

CORE MIX

MIX	LBS./ ACRES	DESCRIPTION
1	▲ 200	* 100% CERTIFIED FINE FESCUE
2	▲ 100	100% CERTIFIED TALL FESCUE
3	▲	50% CERTIFIED TALL FESCUE * 50% CERTIFIED FINE FESCUE
4	▲	50% ORCHARDGRASS 50% CERTIFIED KENTUCKY BLUEGRASS
5		100% BERMUDAGRASS
TEMPORARY		
3/1 – 5/16 AND	50	50% CERTIFIED TALL FESCUE
8/16 – 3/1	50	50% BARLEY, WINTER RYE OR WINTER WHEAT
5/16 – 8/16	50	50% FOXTAIL MILLET
	50	50% CERTIFIED TALL FESCUE

ADDITIVES

MIX	LBS./ ACRES	DESCRIPTION
A	▲	100% LOVEGRASS
B	▲ 20	100% BARLEY, WINTER RYE OR WINTER WHEAT
C	▲	100% FOXTAIL MILLET
D	▲ 10	100% ANNUAL RYEGRASS
E	▲ 20	100% CROWNVETCH (LEGUME)
F	▲	100% SERICEA LESPEDEZA (LEGUME)
G	▲	100% BIRDSFOOT TREFOIL (LEGUME)
H	▲ 10	100% BLUE GRAMA
I	▲	
J	▲	
K	▲	

▲ ALL RATES TO BE SPECIFIED BY THE ENGINEER.

* FINE FESCUES INCLUDE CHEWINGS, CREEPING RED, HARD, SHEEP

SECTION OF SEED LOCATIONS

NOTES:

APPROXIMATELY 0.20 ACRES WILL BE DISTURBED ON THIS PROJECT AND WILL REQUIRE THE ESTABLISHMENT OF GRASSES AND/OR LEGUMES.

NOTES FOR FIELD USE ONLY

OVERSEEDING RATES SHALL BE 100 PERCENT OF THE SEED MIXTURE SUPPLIED WITHOUT FERTILIZER.

THE ENGINEER WILL REQUIRE THE CONTRACTOR TO PERFORM SUPPLEMENTAL SEEDING WHEN LESS THAN 75 PERCENT UNIFORM STAND OF THE PERMANENT GRASS SPECIFIED IN THE MIXTURES IS OBTAINED. (ANNUAL SPECIES SUCH AS, RYE AND MILLET ARE TEMPORARY VARIETIES AND REQUIRE SUPPLEMENTAL SEEDING.)

NOTES APPLY TO SCEDULE

LEGUME SEED MIXES (BIRDSFOOT TREFOIL, CROWN VETCH, AND SERICEA LESPEDEZA) AND WEEPING LOVEGRASS SHALL NOT BE USED ON SHOULDERS AND OTHER LOCATIONS FLATTER THAN 3:1 SLOPE.

LEGUME SEED SHALL BE INOCULATED WITH THE APPROPRIATE STRAIN AND RATE OF BACTERIA FOR HYDROSEEDING, USE FIVE TIMES THE DRY SEEDING RATE OF INOCULATE.

A TEMPORARY MIX OR EROSION CONTROL MULCH AS DIRECTED BY THE ENGINEER, IS TO BE USED ON AREAS THAT ARE TO BE REGRADED OR LATER DISTURBED, IF LEFT DORMANT FOR MORE THAN 15 DAYS.

EROSION CONTROL MULCH, AS DIRECTED BY THE ENGINEER, IS TO BE USED ON AREAS THAT ARE TO BE LEFT DORMANT FOR MORE THAN 15 DAYS BETWEEN DECEMBER 1 AND FEBRUARY 28.

EROSION CONTROL MULCH AS LISTED ON THE VDOT APPROVED PRODUCTS LIST, SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

EROSION CONTROL MULCH SHALL PROVIDE 100 PERCENT COVERAGE OF ALL DENUDED AREAS.

SPRING & SUMMER AND FALL & WINTER DEFINED FOR THE PURPOSE OF DETERMINING WHETHER HULLED OR UNHULLED BERMUDAGRASS AND SERICEA LESPEDEZA SEED IS REQUIRED:

SPRING & SUMMER 4/1 – 9/15 – USE HULLED SEED
FALL & WINTER 9/15 – 4/1 – USE UNHULLED SEED

TYPE I MULCH (STRAW) TO BE USED ON NEWLY SEEDED AREAS ADJACENT TO ALL WATERWAYS, WETLANDS, SWAMPS, OR ANY AREA IN WHICH DRAINAGE FLOWS TOWARD AREAS UNDER THE JURISDICTION OF THE ENVIRONMENTAL REGULATORY AGENCIES.

TYPE I MULCH SHALL BE APPLIED TO PROVIDE A MINIMUM 90 PERCENT COVERAGE.

TYPE I MULCH SHALL BE TACKED WITH FIBER MULCH AT THE RATE OF 750 LBS. PER ACRE AND/OR MULCH TACKIFIER.

TYPE II MULCH (FIBER MULCH) MAY BE SUBSTITUTED FOR TYPE I MULCH AT THE RECOMMENDATION OF THE ENGINEER.

TYPE II MULCH SHALL BE APPLIED AT A RATE OF 1500 LBS. (NET DRY WEIGHT) PER ACRE TO PROVIDE A MINIMUM OF 90 PERCENT COVERAGE, AND SHALL BE APPLIED IN A SEPARATE APPLICATION.

ALL TOPSOIL IS TO BE FREE OF HARD LUMPS, CLODS, ROCKS AND FOREIGN DEBRIS AND IS TO BE HAND RAKED TO TIE INTO EXISTING LAWNS.

ALL SEED MUST BE IN CONFORMANCE WITH VDOT SEED SPECIFICATIONS FOR GRASSES & LEGUMES AND BE PROVIDED AT THE PROJECT SITE IN BAGS NOT OPENED AND LABELED FOR USE ON VDOT PROJECTS WITH A GREEN TAG CERTIFYING INSPECTION BY THE VIRGINIA CROP IMPROVEMENT ASSOCIATION.

MIX REQUIREMENTS THIS PROJECT

RECOMMENDATIONS FOR THE APPLICATION OF SEED MIXTURES (CORE MIX AND ADDITIVES), FERTILIZER, LIME ETC. ARE TO BE OBTAINED FROM THE ENGINEER.

ROADSIDE DEVELOPMENT SUMMARY

PROJECT NUMBERS	⊗ TOP SOIL 2" CLASS A | B	REGULAR SEED	OVER SEEDING	LIME	FERT. 15–30–15	LEGUME SEED	LEGUME OVER SEED	TEMPORARY SEEDING	
	ACRES	LBS.	LBS.	TONS	TONS	LBS.	LBS.	LBS.	
	0.20	63	39	1	0.10	5	3	20	

⊗ DENOTES ITEMS TO BE PAID FOR ON BASIS OF PLAN QUANTITIES IN ACCORDANCE WITH CURRENT ROAD AND BRIDGE SPECIFICATIONS.

SEEDING SCHEDULE

	SLOPES SEED MIX WITH ADDITIVE	MOWED SEED MIX WITH ADDITIVE	SLOPES SEED MIX WITH ADDITIVE	MOWED SEED MIX WITH ADDITIVE	SLOPES SEED MIX WITH ADDITIVE	MOWED SEED MIX WITH ADDITIVE
	SPRING MONTH & DATE 4/1 – 6/1		SUMMER MONTH & DATE 6/1 – 9/15		FALL & WINTER MONTH & DATE 9/15 – 4/1	
PROJECT NUMBERS	2E	1D	2E	1H	2E	1B
* SPECIFY KIND OF FINE FESCUE	Hard	Hard	Hard	Hard	Hard	Hard

COMMONWEALTH OF VIRGINIA
MICHAEL S. AGEE
Lic. No. 15232
8/14/16
REGISTERED PROFESSIONAL ENGINEER

Revisions	Date

Issue Date:

Drawn By: WCB
Designed By: RSM

Checked By: MSA
Date: 8/10/16

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NORTHSIDE NEIGHBORHOOD IMPROVEMENT PLAN
DILLARD STREET AND ALLEY IMPROVEMENTS

ROADSIDE DEVELOPMENT

MARTINSVILLE, VIRGINIA

Vertical Scale: NO SCALE

Horizontal Scale: NO SCALE

Commission Number: 3514

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