

NOTES

1. ANY NECESSARY MODIFICATIONS TO PRODUCE THE PG 70-28 ASPHALT BINDER ARE RESTRICTED TO SBS POLYMERS. THE WEARING COURSE SHALL BE TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT. THE LEVELING COURSE SHALL BE TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT. ALL COLD PLANED OR EXISTING SURFACES SHALL HAVE A TACK COAT APPLICATION RATE OF 0.08 GAL/SQ.YD. OF ITEM 404.65 EMULSIFIED ASPHALT OR ITEM 900.683 SPECIAL PROVISION (EMULSIFIED ASPHALT) (RS-IH OR CRS-IH). TACK COAT APPLICATION RATE ON ALL OTHER PAVED SURFACES SHALL BE 0.025 TO 0.040 GAL/SQ. YD. OF ITEM 404.65 EMULSIFIED ASPHALT OR ITEM 900.683 SPECIAL PROVISION (EMULSIFIED ASPHALT) (RS-IH OR CRS-IH).
2. THE COLD PLANED SURFACE SHALL HAVE SURFACE PREPARATION BEFORE THE LEVELING COURSE IS PLACED. SURFACE PREPARATION SHALL CONSIST OF POT HOLE PATCHING AND PATCHING OF ALL LARGE CRACKS THAT ARE AT LEAST ONE INCH IN WIDTH. PAYMENT WILL BE MADE UNDER ITEM 900.680 SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT SURFACE PREPARATION, TYPE II).
3. SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = +/- 1/4" (TOTAL PAVEMENT THICKNESS EXCLUDING LEVELING).
4. COLD PLANING SHALL BE COMPLETED AS NOTED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
5. ALL EDGES OF PAVEMENT SHALL BE BACKED UP TO FULL HEIGHT WITH AGGREGATE SHOULDER MATERIAL AS DIRECTED BY THE ENGINEER. PAYMENT WILL BE MADE UNDER ITEM 402.12 AGGREGATE SHOULDERS OR ITEM 402.13 AGGREGATE SHOULDERS, RAP.
6. AN ESTIMATED QUANTITY OF ITEM 619.17 YIELDING MARKER POSTS HAS BEEN INCLUDED TO DELINEATE PIPE INLETS, PIPE OUTLETS, AND DROP INLETS FOR CULVERTS THAT ARE 30 INCHES OR LESS IN DIAMETER LOCATED OUTSIDE OF THE PAVEMENT SURFACE, BUT NOT ON LAWNS, OR AS DIRECTED BY THE ENGINEER.
7. EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE ENGINEER SHALL BE EXCAVATED TO A DEPTH OF THREE INCHES OR AS DIRECTED BY THE ENGINEER. EXCAVATION WILL BE PAID FOR AS ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I OR ITEM 608.15 POWER GRADER RENTAL. MATERIAL REMOVED SHALL BE SPREAD ON THE ADJACENT SLOPES AND BE INCLUDED UNDER 608.15 POWER GRADER RENTAL OR REMOVED FROM THE PROJECT AS DIRECTED BY THE ENGINEER.
8. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT ROUTE 15 OR VT ROUTE 117 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
9. ALL PAVED AND GRAVEL DRIVES SHALL RECEIVE A PAVED APRON OF FOUR FEET AND ALL FIELD ACCESSSES SHALL RECEIVE A TWO FOOT PAVED APRON UNLESS OTHERWISE SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER. ANY AND ALL REQUIRED EXCAVATION IN DRIVE AREAS SHALL BE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THE NEW BITUMINOUS SURFACE SHALL BE CONSTRUCTED AS DIRECTED BY THE ENGINEER AND WILL BE PAID FOR UNDER ITEM 900.675 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES).
10. DAMAGE TO ANY DROP INLETS, CROSS-CULVERTS, OR OTHER DRAINAGE FEATURES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST TO THE STATE.
11. THE CONTRACTOR SHALL REHABILITATE ALL EXISTING DROP INLETS, CATCH BASINS, AND MANHOLES TO A DEPTH OF ONE HALF INCH BELOW THE FINISHED GRADE ELEVATION AS DIRECTED BY THE ENGINEER. ALL REHABILITATION WORK WILL BE PAID FOR UNDER THE APPLICABLE REHABILITATION ITEM AS DIRECTED BY THE ENGINEER.
12. THE CONTRACTOR SHALL ADJUST ALL EXISTING MANHOLES AND WATER VALVES TO A DEPTH OF ONE HALF INCH BELOW THE FINISHED GRADE ELEVATION AS DIRECTED BY THE ENGINEER. ALL ADJUSTMENT WORK WILL BE PAID FOR UNDER THE APPLICABLE ADJUSTMENT ITEM AS DIRECTED BY THE ENGINEER.
13. ALL EXISTING UTILITIES MARKED "TO REMAIN" SHALL NOT BE ALTERED OR REHABILITATED UNLESS DIRECTED OTHERWISE BY THE ENGINEER.

VAOT URBAN LAWN MIX						
WEIGHT	LBS/AC		NAME	LATIN NAME	GERM	PURITY
	BROADCAST	HYDROSEED				
42.5%	34	68	CREeping RED FESCUE	FESTUCA RUBRA X RUBRA	85%	98%
20.0%	16	32	PERENNIAL RYE GRASS	LOLIUM PERENNE	90%	95%
32.5%	26	52	KENTUCKY BLUE GRASS	POA PRATENSIS	85%	85%
5.0%	4	8	ANNUAL RYE GRASS	LOLIUM MULTIFLORUM	85%	95%
100%	80	160				

GENERAL AMENDMENT GUIDANCE		
FERTILIZER	LIME	
10/20/10	AG LIME	PELLITIZED
500 LBS/AC	2 TONS/AC	1 TONS/AC

CONSTRUCTION GUIDANCE

1. SEED MIX: THE URBAN AREA MIX SHALL NOT BE USED IN WETLANDS OR ANY WATERS OF THE STATE OF VERMONT.
2. SEED MIX: USE ONLY AS INDICATED IN THE PLANS.
3. SEED MIX: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.
4. FERTILIZER AND LIMESTONE: SHALL FOLLOW RATES SHOWN ON PLAN OR AS DIRECTED BY THE ENGINEER
5. HAY MULCH: TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, ACHIEVE 90% GROUND COVER OR AS DIRECTED BY THE ENGINEER.
6. 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
7. TURF ESTABLISHMENT: PLACING SEED, FERTILIZER, LIME AND MULCH PRIOR TO SEPTEMBER 15 AND AFTER APRIL 15 CAN BETTER ENSURE A VIGOROUS GROWTH OF GRASS.

PROJECT NAME: ESSEX JUNCTION	
PROJECT NUMBER: NH 2956(2)	
FILE NAME: z15v026typ.dgn	PLOT DATE: 5/9/2016
PROJECT LEADER: D.GOZALKOWSKI	DRAWN BY: C. KAHLBAUGH
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PROJECT NOTES SHEET	SHEET 65 OF 171

