

GENERAL NOTES

1. THE PAVEMENT WEARING COURSE SHALL BE TYPE IVS, THE LEVELING COURSE SHALL BE TYPE IVS, AND THE BASE COURSE SHALL BE TYPE IIS, ITEM 490.30, AS SHOWN ON THE TYPICALS, UNLESS DIRECTED BY THE RESIDENT ENGINEER. ALL PG BINDER USED IN SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE IN ACCORDANCE WITH SECTION 490 OF THE GENERAL SPECIAL PROVISIONS, AND SPECIAL PROVISIONS.
2. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES (NOT INCLUDING RECLAIMED SURFACES), ON COLD PLANED SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT THE RATE OF 0.025 GAL/SY OR AS DIRECTED BY THE RESIDENT ENGINEER.
3. SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = 1/4" +/- (TOTAL THICKNESS EXCLUDING LEVEL COURSE). SUBBASE TOLERANCE = 1.0" +/- (TOTAL THICKNESS)
4. GRASS GROWING ADJACENT TO THE PAVEMENT OR THROUGH CRACKS IN THE PAVEMENT, WHICH MAY HAMPER THE PLACEMENT OF NEW BITUMINOUS CONCRETE PAVEMENT, SHALL BE REMOVED BY THE CONTRACTOR AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT FOR THIS WORK WILL NOT BE MADE DIRECTLY, BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 490.30, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.
5. AN ESTIMATED QUANTITY OF ITEM 608.15, POWER GRADER RENTAL HAS BEEN INCLUDED FOR THE EXCAVATION OF UNPAVED SHOULDERS AND REMOVING BUILT UP SAND, SOD ETC. ADJACENT TO THE SHOULDER, IN NON-GUARDRAIL AREAS, TO ALLOW FREE DRAINAGE OFF THE SHOULDER.
6. COLD PLANING SHALL BE COMPLETED ACCORDING TO THE TYPICALS OR AS DENOTED OTHERWISE ON THE PLANS. A FULL DEPTH BUTT JOINT SHALL BE CONSTRUCTED AT THE PROJECT BEGIN/END AND AT ALL SIDE ROAD APPROACHES AS SHOWN ON THE PROJECT PLANS OR AS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. ALL JOINTS SHALL BE SAW CUT, INCIDENTAL TO ITEM 210.10, COLD PLANING, BITUMINOUS PAVEMENT.
7. PRIOR TO PAVING IN COLD PLANE AREAS, ANY EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER SHALL BE EXCAVATED TO A DEPTH OF 3" OR AS DIRECTED BY THE RESIDENT ENGINEER. EXCAVATION SHALL BE PAID FOR UNDER THE APPROPRIATE RENTAL ITEMS. MATERIAL REMOVED SHALL BE REPLACED WITH ITEM 301.28, SUBBASE OF CRUSHED GRAVEL, FINE GRADED. EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT AS DIRECTED BY THE RESIDENT ENGINEER. THIS WORK SHALL BE DONE BEFORE THE LEVELING COURSE IS PAVED. SEE THE PAVING PROJECT LIMITS TABLE ON THIS SHEET FOR PROPOSED PAVEMENT WIDTHS.

8. PRIOR TO RECLAIMING, ANY EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER WILL BE EXCAVATED TO THE DEPTH OF RECLAIMING OR AS DIRECTED BY THE RESIDENT ENGINEER. EXCAVATED MATERIAL WILL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT AS DIRECTED BY THE RESIDENT ENGINEER. THIS WORK WILL BE PAID FOR USING THE APPROPRIATE RENTAL ITEMS. THE METHOD OF REMOVAL AND THE USE OF RENTAL ITEMS SHALL BE APPROVED BY THE RESIDENT ENGINEER PRIOR TO ANY WORK BEING DONE.
9. AN ESTIMATED QUANTITY OF ITEM 301.40 SUBBASE, RAP, HAS BEEN INCLUDED FOR THE PROVISION OF IMPROVING GRADATION DEFICIENCIES AND/OR CORRECTING SUPERELEVATION.
10. ADJUSTMENTS TO THE LEVELING COURSE AND COLD PLANE DEPTHS WILL BE NECESSARY ON CURVES IN THE COLD PLANE AND OVERLAY SECTION TO CORRECT SUPERELEVATION DEFICIENCIES. REFER TO CURVES 6 THRU 16 ON BANKING DIAGRAMS FOR DESIRED SUPERELEVATION. FIELD CONDITIONS MAY REQUIRE CHANGING THE SUPERELEVATION FROM WHAT IS SHOWN ON THE DIAGRAMS AS DIRECTED BY THE RESIDENT ENGINEER. AN ESTIMATED ADDITIONAL QUANTITY OF ITEM 490.30, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT HAS BEEN INCLUDED FOR CORRECTING SUPERELEVATION IN THE COLD PLANE AND OVERLAY SECTION.
11. STABILIZING AGENT FOR ITEM 900.675, SPECIAL PROVISION (RECLAIMED STABILIZED BASE, PORTLAND CEMENT) WILL BE PORTLAND CEMENT. PAYMENT WILL BE MADE UNDER ITEM 900.680, SPECIAL PROVISION (PORTLAND CEMENT FOR BASE STABILIZATION).
12. BITUMINOUS CONCRETE PAVEMENT WORK, WHICH WILL INVOLVE SOME HAND-WORK (SUCH AS PUBLIC AND / OR PRIVATE DRIVES), SHALL BE PAID FOR UNDER ITEM 900.675, SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES), BITUMINOUS CONCRETE MATERIAL PLACED BY MECHANICAL METHODS AT THESE LOCATIONS IS EXCLUDED. ALL OTHER BITUMINOUS MATERIALS PLACED WITHIN THE PROJECT LIMITS, WHETHER BY HAND OR MECHANICAL METHODS, SHALL BE PAID UNDER THE APPROPRIATE CONTRACT PAY ITEM FOR BITUMINOUS CONCRETE PAVEMENT.

PROJECT PAVING LIMITS

TOWN	BEGIN STATION	END STATION	LT SHOULDER	LANE TYPICAL	RT SHOULDER	WEARING DEPTH (in)	LEVELING DEPTH (in)	BASE DEPTH (in)	NOTES
VT 244						TYPE IVS	TYPE IVS	TYPE IIS	
THETFORD	0+12	0+81	VARIABLES	VARIABLES	VARIABLES	1 1/2"	1/2"		COLD PLANE 2", LEVEL AND OVERLAY
	0+81	3+35	VARIABLES	11.0-11.0	VARIABLES	1 1/2"	1/2"		COLD PLANE 2", LEVEL AND OVERLAY
	3+35	4+73	4.5	11.0-11.0	3.5	1 1/2"	1/2"		COLD PLANE 1", OVERLAY (BRIDGE #1)
	4+73	39+96	3.0	11.0-11.0	3.0	1 1/2"	1/2"		COLD PLANE 2", LEVEL AND OVERLAY
	39+96	45+96	2.0	11.0-11.0	3.0	1 1/2"	1/2"		COLD PLANE 2", LEVEL AND OVERLAY
	45+96	53+71	3.0	11.0-11.0	3.0	1 1/2"	1/2"		COLD PLANE 2", LEVEL AND OVERLAY
	53+71	58+96	3.0	11.0-11.0	2.0	1 1/2"	1/2"		COLD PLANE 2", LEVEL AND OVERLAY
	58+96	62+83	2.0	11.0-11.0	2.0	1 1/2"	1/2"		COLD PLANE 2", LEVEL AND OVERLAY
	62+83	63+96	1.0	11.0-11.0	2.0	1 1/2"	1/2"		COLD PLANE 2", LEVEL AND OVERLAY
	63+96	65+21	1.0	11.0-11.0	1.0	1 1/2"	1/2"		COLD PLANE 2", LEVEL AND OVERLAY
	65+21	66+96	1.0	10.0-11.0	1.0	1 1/2"	1/2"		COLD PLANE 2", LEVEL AND OVERLAY
	66+96	67+21	1.0	11.0-11.0	1.0	1 1/2"	1/2"		COLD PLANE 2", LEVEL AND OVERLAY
	67+21	68+21	1.0	11.0-11.0	2.0	1 1/2"	1/2"		COLD PLANE 2", LEVEL AND OVERLAY
	68+21	72+71	2.0	11.0-11.0	2.0	1 1/2"	1/2"		COLD PLANE 2", LEVEL AND OVERLAY
	72+71	78+06	3.0	11.0-11.0	3.0	1 1/2"	1/2"		COLD PLANE 2", LEVEL AND OVERLAY
WEST FAIRLEE	A0+00	A5+00	3.0	11.0-11.0	3.0	1 1/2"	1/2"		COLD PLANE 2", LEVEL AND OVERLAY
	A5+00	A7+50	2.0	11.0-11.0	3.0	1 1/2"	1/2"		COLD PLANE 2", LEVEL AND OVERLAY
	A7+50	A8+36	1.0	11.0-11.0	1.0	1 1/2"	1/2"		COLD PLANE 2", LEVEL AND OVERLAY
	A8+36	A8+97	1.0	11.0-11.0	1.0	1 1/2"	1/2"		COLD PLANE 1", OVERLAY (BRIDGE #2)
	A8+97	A9+83	1.0	11.0-11.0	VARIABLES	1 1/2"	1/2"		COLD PLANE 2", LEVEL AND OVERLAY
	A9+83	A10+56	1.0	11.0-11.0	3.0	1 1/2"	1/2"		COLD PLANE 2", LEVEL AND OVERLAY
	A10+56	A12+80	1.0	11.0-11.0	3.0	1 1/2"	-	3"	COLD PLANE 3", RECLAIM 8", PAVE BASE AND WEARING
	A12+80	A36+50	3.0	11.0-11.0	3.0	1 1/2"	-	3"	COLD PLANE 3", RECLAIM 8", PAVE BASE AND WEARING
	A36+50	A39+75	2.0	11.0-11.0	3.0	1 1/2"	-	3"	COLD PLANE 3", RECLAIM 8", PAVE BASE AND WEARING
	A39+75	A71+52	3.0	11.0-11.0	3.0	1 1/2"	-	3"	COLD PLANE 3", RECLAIM 8", PAVE BASE AND WEARING
FAIRLEE	F0+00	F1+30	3.0	11.0-11.0	3.0	1 1/2"	-	3"	COLD PLANE 3", RECLAIM 8", PAVE BASE AND WEARING
WEST FAIRLEE	A71+52	A72+50	3.0	11.0-11.0	3.0	1 1/2"	-	3"	COLD PLANE 3", RECLAIM 8", PAVE BASE AND WEARING
	A72+50	A77+00	2.0	11.0-11.0	3.0	1 1/2"	-	3"	COLD PLANE 3", RECLAIM 8", PAVE BASE AND WEARING
	A77+00	A79+44	3.0	11.0-11.0	3.0	1 1/2"	-	3"	COLD PLANE 3", RECLAIM 8", PAVE BASE AND WEARING
FAIRLEE	F1+30	F18+00	3.0	11.0-11.0	3.0	1 1/2"	-	3"	COLD PLANE 3", RECLAIM 8", PAVE BASE AND WEARING
	F18+00	F20+00	3.0	11.0-11.0	2.0	1 1/2"	-	3"	COLD PLANE 3", RECLAIM 8", PAVE BASE AND WEARING
	F20+00	F21+25	1.0	11.0-11.0	2.0	1 1/2"	-	3"	COLD PLANE 3", RECLAIM 8", PAVE BASE AND WEARING
	F21+25	F22+00	1.0	11.0-11.0	1.0	1 1/2"	-	3"	COLD PLANE 3", RECLAIM 8", PAVE BASE AND WEARING
	F22+00	F24+50	2.0	11.0-11.0	1.0	1 1/2"	-	3"	COLD PLANE 3", RECLAIM 8", PAVE BASE AND WEARING
	F24+50	F27+00	2.0	11.0-11.0	2.0	1 1/2"	-	3"	COLD PLANE 3", RECLAIM 8", PAVE BASE AND WEARING
	F27+00	F28+00	1.0	11.0-11.0	2.0	1 1/2"	-	3"	COLD PLANE 3", RECLAIM 8", PAVE BASE AND WEARING
	F28+00	F28+50	1.0	11.0-11.0	1.0	1 1/2"	-	3"	COLD PLANE 3", RECLAIM 8", PAVE BASE AND WEARING
	F28+50	F30+50	2.0	11.0-11.0	1.0	1 1/2"	-	3"	COLD PLANE 3", RECLAIM 8", PAVE BASE AND WEARING
	F30+50	F32+00	2.0	11.0-11.0	2.0	1 1/2"	-	3"	COLD PLANE 3", RECLAIM 8", PAVE BASE AND WEARING
	F32+00	F42+40	3.0	11.0-11.0	3.0	1 1/2"	-	3"	COLD PLANE 3", RECLAIM 8", PAVE BASE AND WEARING
	F42+40	F48+40	2.0	11.0-11.0	3.0	1 1/2"	-	3"	COLD PLANE 3", RECLAIM 8", PAVE BASE AND WEARING
	F48+40	F55+50	3.0	11.0-11.0	3.0	1 1/2"	-	3"	COLD PLANE 3", RECLAIM 8", PAVE BASE AND WEARING
	F55+50	F56+50	3.0	11.0-11.0	2.0	1 1/2"	-	3"	COLD PLANE 3", RECLAIM 8", PAVE BASE AND WEARING
	F56+50	F58+00	2.0	11.0-11.0	2.0	1 1/2"	-	3"	COLD PLANE 3", RECLAIM 8", PAVE BASE AND WEARING
	F58+00	F61+00	1.0	11.0-11.0	2.0	1 1/2"	-	3"	COLD PLANE 3", RECLAIM 8", PAVE BASE AND WEARING
	F61+00	F63+00	3.0	11.0-11.0	2.0	1 1/2"	-	3"	COLD PLANE 3", RECLAIM 8", PAVE BASE AND WEARING
	F63+00	F86+25	3.0	11.0-11.0	3.0	1 1/2"	-	3"	COLD PLANE 3", RECLAIM 8", PAVE BASE AND WEARING
	F86+25	F87+75	2.0	11.0-11.0	3.0	1 1/2"	-	3"	COLD PLANE 3", RECLAIM 8", PAVE BASE AND WEARING
	F87+75	F132+00	3.0	11.0-11.0	3.0	1 1/2"	-	3"	COLD PLANE 3", RECLAIM 8", PAVE BASE AND WEARING
	F132+00	F135+58.58	3.0	11.0-11.0	2.0	1 1/2"	-	3"	COLD PLANE 3", RECLAIM 8", PAVE BASE AND WEARING
	F135+58.58	F138+84	VARIABLES	11.0-11.0	VARIABLES	1 1/2"	-	3"	COLD PLANE 3", RECLAIM 8", PAVE BASE AND WEARING
	F138+84	F139+33.58	VARIABLES	VARIABLES	VARIABLES	1 1/2"	-	3"	COLD PLANE 3", RECLAIM 8", PAVE BASE AND WEARING

13. ALL SIDE ROADS ARE TO BE PAVED 25 FEET FROM THE EDGE OF MAINLINE UNLESS OTHERWISE SPECIFIED IN THE PLANS OR DIRECTED BY THE RESIDENT ENGINEER.
14. ALL EDGES OF PAVEMENT ON MAINLINE SHALL CONFORM TO THE SAFETY EDGE DETAIL. ALL EDGES OF PAVEMENT AND ALL CURB AT GUARDRAIL LOCATIONS SHALL BE BACKED UP FULL HEIGHT WITH COLD PLANE GRINDINGS AS DIRECTED BY THE RESIDENT ENGINEER AND WILL BE PAID FOR UNDER ITEM 402.13, AGGREGATE SHOULDERS, RAP.
15. COMPACTION, GRADING, AND CLEAN UP OF ITEM 301.28, SUBBASE OF CRUSHED GRAVEL, FINE GRADED, ITEM 402.13, AGGREGATE SHOULDERS, RAP, AND ITEM 651.35, TOPSOIL, IS TO BE INCLUDED IN THE CONTRACT UNIT PRICE OF EACH ITEM.
16. ITEM 604.40, 604.412, AND 604.415 ARE ESTIMATED ITEMS AND SHALL BE PERFORMED AT LOCATIONS SHOWN ON THE ROADWAY LAYOUT SHEETS OR AS DIRECTED BY THE RESIDENT ENGINEER. ALL DI'S SHALL BE RAISED OR REHABILITATED SUCH THAT THE NEW GRATE ELEVATION MATCHES WITH THE SURROUNDING TERRAIN.
17. AN ESTIMATED QUANTITY OF ITEM 608.25, ALL PURPOSE EXCAVATOR RENTAL, TYPE I, ITEM 608.37, TRUCK RENTAL AND ITEM 608.40, LOADER RENTAL, TYPE I HAVE BEEN INCLUDED FOR THE PROVISION OF CONSTRUCTING GUARDRAIL FLARES. 25 CUBIC YARDS OF EARTH BORROW HAS BEEN INCLUDED TO PROVIDE FOR FLARE CONSTRUCTION. THE GUARDRAIL FLARES SHALL BE CAPPED WITH AN ESTIMATED 3 INCH DEPTH OF DITCHING MATERIAL OR TOPSOIL UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. ITEM 653.20, TEMPORARY EROSION MATTING SHALL BE PLACED ON SLOPES GREATER THAN 1:6 CREATED BY THE GUARDRAIL FLARE. THE QUANTITIES REFLECT 25 SY OF ITEM 653.20, TEMPORARY EROSION MATTING FOR EACH NEW GUARDRAIL FLARE.
18. INSTALL NEW SIGNS AS SHOWN ON THE ROADWAY LAYOUTS ON SQUARE STEEL SIGN POSTS.
19. AN ESTIMATED QUANTITY OF ITEM 619.17 YIELDING MARKER POSTS HAS BEEN INCLUDED TO DELINEATE PIPE INLETS, PIPE OUTLETS AND DROP INLETS LOCATED OUTSIDE OF THE PAVEMENT SURFACE OR AS DIRECTED BY THE RESIDENT ENGINEER.
20. STEEL BEAM GUARDRAIL WITH STEEL POSTS SHALL BE USED ON THIS PROJECT.
21. AN ESTIMATED QUANTITY OF ITEM 601.0005 12" CSP HAS BEEN INCLUDED FOR USE AS DIRECTED BY THE RESIDENT ENGINEER WHEN BURYING GUARDRAIL ENDS INTO THE BACK SLOPE.
22. WETLANDS HAVE BEEN LOCATED AT THE TOE-OF-SLOPE ALONG SECTIONS OF THE PROJECT. IF WORK EXTENDS BEYOND EXISTING TOE-OF-SLOPE, STATE AND FEDERAL PERMITS WILL BE REQUIRED (TO BE ACQUIRED BY THE CONTRACTOR).
23. AN ESTIMATED QUANTITY OF ITEM 203.40, SHOULDER BERM REMOVAL HAS BEEN INCLUDED FOR THE REMOVAL OF BUILT UP SAND, SOD ETC ADJACENT TO THE SHOULDER IN GUARDRAIL AREAS TO ALLOW FREE DRAINAGE OFF THE SHOULDER.
24. ESTIMATED QUANTITIES OF ITEM 605.10 6 INCH UNDERDRAIN PIPE, ITEM 605.20 6 INCH UNDERDRAIN CARRIER PIPE, AND ITEM 605.95 UNDERDRAIN FLUSHING BASIN HAVE BEEN INCLUDED TO PROVIDE SUBSURFACE DRAINAGE IN THE RECLAIM AREA. LOCATIONS TO BE DETERMINED BY THE RESIDENT ENGINEER.

GENERAL NOTES

PROJECT NAME: THETFORD-FAIRLEE

PROJECT NUMBER: STP 2710(I)

FILE NAME: /pave/07c184/pci84

PLOT DATE: 14-OCT-2013 16:34

PROJECT LEADER: PTS

DRAWN BY: WWG

DESIGNED BY: NLL

CHECKED BY: PTS

IPARM FILE NAME: 07C184_4

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