



NOTES:

- THE PAVEMENT WEARING COURSE SHALL BE TYPE IV, THE LEVELING COURSE SHALL BE TYPE IV, ITEM 406.27, AS SHOWN ON THE TYPICALS, UNLESS DIRECTED BY THE RESIDENT ENGINEER, ALL LIQUID ASPHALT USED IN MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT SHALL BE 58-34.
- EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, ON COLD PLANED SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT THE RATE OF 0.12 /m² OR AS DIRECTED BY THE RESIDENT ENGINEER.
- MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT TOLERANCE = 5 mm +/- (TOTAL THICKNESS EXCLUDING LEVEL COURSE).
- EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER SHALL BE EXCAVATED TO A DEPTH OF 75 mm +/- OR AS DIRECTED BY THE ENGINEER. EXCAVATED MATERIAL SHALL 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 ENGINEER PRIOR TO ANY WORK BEING DONE.
MATERIAL REMOVED SHALL BE REPLACED WITH SUBBASE OF CRUSHED GRAVEL (FINE GRADED) OR AGGREGATE SHOULDERS (MOD).
- COLD PLANING SHALL BE COMPLETED ACCORDING TO TYPICAL 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 DRIVES, TOWN HIGHWAYS AND MAILBOX TURNOUTS SHALL RECEIVE A PAVED APRON AS DIRECTED BY THE RESIDENT ENGINEER. ANY AND ALL REQUIRED EXCAVATION IN DRIVE AREAS SHALL BE AS DIRECTED AND WILL BE PAID FOR UNDER ITEM 210.10 OR THE APPLICABLE RENTAL ITEM(S). IF REQUIRED, A NEW DRIVEWAY SUBBASE SHALL BE CONSTRUCTED AND WILL BE PAID FOR UNDER ITEM 301.28, SUBBASE OF CRUSHED GRAVEL (FINE GRADED). A NEW BITUMINOUS SURFACE SHALL BE CONSTRUCTED AS DIRECTED AND WILL BE PAID FOR UNDER ITEM 406.27. QUANTITIES OF THE ABOVE ITEMS HAVE BEEN INCLUDED TO PAY FOR THIS WORK.
- ALL EDGES OF PAVEMENT AND TREATED TIMBER CURB SHALL BE BACKED UP FULL HEIGHT WITH COLD PLANE GRINDINGS AS DIRECTED BY THE RESIDENT ENGINEER AND WILL BE PAID FOR UNDER ITEM 402.12, AGGREGATE SHOULDERS (MOD). ADDITIONAL MATERIAL REQUIRED AFTER THE COLD PLANE GRINDINGS ARE USED WILL BE PAID FOR UNDER ITEM 402.12, AGGREGATE SHOULDERS.
- ONE METER OF BACKING IS REQUIRED BEHIND THE SURFACE OF GUARDRAIL WITH 1.8m POSTS, IF THIS CAN NOT BE OBTAINED THEN 2.4m POSTS SHALL BE USED.
- MARKER POSTS SHALL BE PLACED AS INDICATED OR AS DIRECTED BY THE RESIDENT ENGINEER, ALL MARKER POSTS WILL BE USED TO MARK INLET AND OUTLET OF CROSS PIPES.
- ITEM 616.47, BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS WILL BE PAID ONLY WHERE SPECIFIED IN THE PLANS. ALL OTHER BITUMINOUS CONCRETE PAVEMENT WORK, WHICH COULD INVOLVE SOME HAND-WORK (SUCH AS DRIVE AND SIDE ROAD APPROACHES AND AROUND DRAINAGE/UTILITY STRUCTURES), SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR ITEM 406.27, MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT.
- GRASS GROWING ADJACENT TO PAVEMENT, OR THROUGH CRACKS IN THE PAVEMENT, WHICH MAY HAMPER THE PLACEMENT OF NEW BITUMINOUS CONCRETE, SHALL BE REMOVED BY THE CONTRACTOR, AS DIRECTED BY THE ENGINEER. PAYMENT FOR THIS WORK WILL NOT BE MADE DIRECTLY, BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 406.27, MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT PG 58-34.
- COMPACTING, GRADING, AND CLEAN UP OF ITEM 301.28, SUBBASE OF CRUSHED GRAVEL, ITEM 402.12, AGGREGATE SHOULDER MATERIAL, AND ITEM 651.35, TOPSOIL, IS TO BE INCLUDED IN THE CONTRACT UNIT PRICE OF EACH ITEM.
- AREAS ADJACENT TO THE SHOULDER, WHERE EXISTING GUARDRAIL IS BEING RETAINED, THAT HAVE BUILT UP EXCESS MATERIAL ARE TO BE GRADED IN ORDER TO ALLOW THE SHOULDER TO DRAIN, PAYMENT IS UNDER ITEM 203.99, SHOULDER BERM REMOVAL.
EXCESS MATERIAL IN NON-GUARDRAIL AREAS WILL BE REMOVED BY USING THE APPROPRIATE RENTAL ITEM, AS DIRECTED BY THE RESIDENT ENGINEER.
- ESTIMATED QUANTITIES OF ITEM 608.25, EXCAVATOR RENTAL AND 608.37, TRUCK RENTAL HAVE BEEN INCLUDED FOR THE PROVISION OF CONSTRUCTING GUARD RAIL FLARES WITH EXCAVATED DITCHING MATERIAL. THE GUARD RAIL FLARES SHALL BE CAPPED WITH AN ESTIMATED 75 mm DEPTH OF AGGREGATE SHOULDER MATERIAL UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER THE QUANTITIES INCLUDED REFLECT 5 TONS OF AGGREGATE SHOULDER MATERIAL FOR EACH GUARD RAIL TERMINAL.
- AREAS OF ENVIRONMENTAL SENSITIVITY HAVE BEEN IDENTIFIED ON THIS PROJECT. SPECIAL PRECAUTIONS ARE TO BE TAKEN BY THE CONTRACTOR IN THESE AREAS TO AVOID ANY ADVERSE ENVIRONMENTAL IMPACTS. THE RESIDENT ENGINEER WILL CONTACT CRAIG DIDIAMMARINO @ 802.828.3962 FOR ASSISTANCE IN IDENTIFYING THESE AREAS.
- SPOT LEVELING LOCATIONS TO BE DETERMINED BY THE RESIDENT ENGINEER.

OVERLAY TYPICAL SECTION

NOT TO SCALE

HARTFORD	
STA 2+377 TO STA 11+175	
11+300 TO STA 12+643	
SHARON	
STA 0+000 TO STA 4+700	
STA 4+800 TO STA 8+050	
STA 8+670 TO STA 12+175	
ROYALTON	
STA 0+000 TO STA 3+670	
VT RTE 132	
STA 0+004 TO STA 0+365	

PROJECT PAVING LIMITS

TOWN	BEGIN STATION	END STATION	LANE TYPICAL (m)	WEARING DEPTH (mm)	BINDER DEPTH (mm)	LEVELING DEPTH (mm)	LEVELING TOTAL(+)	NOTES	
VT ROUTE 14									
HARTFORD	2+377	2+489	1.6-3.3-3.3-1.6	35		15	40	LEVEL & OVERLAY	
	2+489	3+541	2.0-3.3-3.3-2.0	35		15	400	LEVEL & OVERLAY - BRIDGE #1-B and #2	
	3+541	3+860	2.6-3.3-3.3-2.6	35		15	135	LEVEL & OVERLAY	
	3+860	4+500	1.6-3.3-3.3-1.6	35		15	226	LEVEL & OVERLAY	
	4+500	5+000	1.1-3.3-3.3-1.1	35		15	158	LEVEL & OVERLAY - BRIDGE #3	
	5+000	6+000	1.7-3.3-3.3-1.7	35		15	360	LEVEL & OVERLAY	
	6+000	8+925	1.2-3.3-3.3-1.2	35		15	950	LEVEL & OVERLAY - BRIDGE #4 and #6	
	8+925	9+500	0.9-3.3-3.3-0.9	35		15	174	LEVEL & OVERLAY	
	9+500	10+500	0.6-3.3-3.3-0.6	35		15	280	LEVEL & OVERLAY - BRIDGE #7	
	10+500	11+175	1.2-3.3-3.3-1.2	35		15	162	LEVEL & OVERLAY	
		11+175	11+370	0.6-3.3-3.3-0.6	35		15	56	COLD PLANE 50, LEVEL & OVERLAY
		11+300	12+500	0.3-3.3-3.3-0.3	35		15	324	LEVEL & OVERLAY
	12+500	12+643	0.6-3.3-3.3-0.6	35		15	40	LEVEL & OVERLAY	
SHARON	0+000	4+700	0.6-3.3-3.3-0.6	35		15	1320	LEVEL & OVERLAY - BRIDGE # 10,11,12	
	4+700	4+800	0.6-3.3-3.3-0.6	35		15	28	COLD PLANE 50, LEVEL & OVERLAY	
	4+800	6+000	0.8-3.3-3.3-0.8	35		15	354	LEVEL & OVERLAY - BRIDGE #14	
	6+000	6+068	0.6-3.3-3.3-0.6	35		15	20	LEVEL & OVERLAY	
	6+068	6+310	1.6-3.3-3.3-1.6	35		15	85	LEVEL & OVERLAY	
	6+310	6+384	0.6-3.3-3.3-0.6	35		15	21	LEVEL & OVERLAY	
	6+384	6+430	3.4-3.3-3.3-3.4	35		15	22	LEVEL & OVERLAY	
	6+430	6+500	0.8-3.3-3.3-0.8	35		15	21	LEVEL & OVERLAY	
	6+500	7+000	1.1-3.3-3.3-1.1	35		15	158	LEVEL & OVERLAY - BRIDGE #15	
	7+000	8+000	0.6-3.3-3.3-0.6	35		15	281	LEVEL & OVERLAY	
	8+000	8+050	0.3-3.3-3.3-0.3	35		15	13	LEVEL & OVERLAY - BRIDGE #16	
	8+050	8+500	0.3-3.3-3.3-0.3	35		20	117	COLD PLANE 50, LEVEL & OVERLAY	
	8+500	8+670	2.6-3.3-3.3-2.6	35		15	72	COLD PLANE 50, LEVEL & OVERLAY	
	8+670	9+000	2.6-3.3-3.3-2.6	35		15	140	LEVEL & OVERLAY- BRIDGE #17	
	9+000	9+250	1.6-3.3-3.3-2.6	35		15	97	LEVEL & OVERLAY	
	9+250	9+500	1.6-3.3-3.3-1.6	35		15	88	LEVEL & OVERLAY	
	9+500	10+000	0.6-3.3-3.3-0.6	35		15	140	LEVEL & OVERLAY	
	10+000	11+000	0.3-3.3-3.3-0.3	35		15	259	LEVEL & OVERLAY - BRIDGE #18	
	11+000	11+500	0.6-3.3-3.3-0.6	35		15	140	LEVEL & OVERLAY	
	11+500	12+175	0.2-3.3-3.3-0.2	35		15	170	LEVEL & OVERLAY	
ROYALTON	0+000	1+500	0.2-3.3-3.3-0.2	35		15	378	LEVEL & OVERLAY - BRIDGE #19	
	1+500	3+550	0.3-3.3-3.3-0.3	35		15	531	LEVEL & OVERLAY - BRIDGE #20	
	3+550	3+670	0.6-3.3-3.3-0.6	35		15	34	LEVEL & OVERLAY	
	3+670	3+700	2.4-3.3-3.3-2.4	35		15	8	COLD PLANE 50, LEVEL & OVERLAY	
	3+700	3+812	VARIES SEE LAYOUT	35		15	76	COLD PLANE 50, LEVEL & OVERLAY	
VT RTE 132	0+004	0+023	0.8-3.6-3.6-0.8	35		15	6	COLD PLANE 25 LEVEL & OVERLAY	
	0+023	0+131	2.0-3.6-3.6-2.0	35		15	44	COLD PLANE 25 LEVEL & OVERLAY	
	0+131	0+198	VARIES SEE LAYOUT	35		15	33	COLD PLANE 25 LEVEL & OVERLAY	
	0+198	0+256	4.3-3.6-3.6-4.3	35		15	33	COLD PLANE 25 LEVEL & OVERLAY	
	0+256	0+365	3.8-3.6-3.6-3.8	35		15	58	COLD PLANE 25 LEVEL & OVERLAY	

NOTE: ALL DIMENSIONS IN MILLIMETERS EXCEPT AS INDICATED

PROJECT TYPICAL SHEET #1

PROJECT: HARTFORD - ROYALTON	PROJECT NO.: STP 212(1)S
DESIGN FILE NAME: <u>z:\pave\98c174\pci74.dgn</u>	PLOT DATE: <u>21-MAR-2007 0</u>
IPARM FILE NAME: <u>pci74ty01.i</u>	SURVEYED BY: <u>CLD_ENGINEERS_INC</u>
SURVEYED BY: <u>CLD_ENGINEERS_INC</u>	SURVEY DATE: <u>8/99</u>
SQUAD LEADER: <u>WRH</u>	DRAWN BY: <u>REB</u>
	SHEET: <u>3</u> OF <u>64</u>

DATUM _____
VERTICAL _____
HORIZONTAL _____