



OVERLAY TYPICAL SECTION

NOT TO SCALE
~~9+631~~
 STA 9+615 TO STA 10+704
 STA 10+716 TO STA 11+417
 STA 11+458 TO STA 12+616
 STA 12+646 TO STA 16+851

PROJECT PAVING LIMITS

TOWN	BEGIN STATION	END STATION	LANE TYPICAL (m)	WEARING DEPTH (mm)	BINDER DEPTH (mm)	LEVELING DEPTH (mm)	LEVELING TOTAL(T)	NOTES
BARTON	9+615							
US ROUTE 5	9+631	10+704	0.7-3.6-3.6-0.7	35		15	332	LEVEL & OVERLAY
	10+704	10+716	2.0-3.6-3.6-2.0	25		15	5	COLD PLANE 25, LEVEL & OVERLAY, BRIDGE I65
	10+716	11+417	1.4-3.6-3.6-1.4	35		15	252	LEVEL & OVERLAY
	11+417	11+458	1.1-3.6-3.6-1.1	25		15	14	COLD PLANE 25, LEVEL & OVERLAY, BRIDGE I66
	11+458	12+000	1.8-3.6-3.6-1.8	35		15	211	LEVEL & OVERLAY
	12+000	12+500	0.8-3.6-3.6-0.8	35		15	159	LEVEL & OVERLAY
	12+500	12+616	1.3-3.6-3.6-1.3	35		15	41	LEVEL & OVERLAY
	12+616	12+646	1.5-3.6-3.6-1.5	25		15	12	COLD PLANE 25, LEVEL & OVERLAY, BRIDGE I67
	12+646	13+000	1.3-3.6-3.6-1.3	35		15	125	LEVEL & OVERLAY
	13+000	15+000	0.8-3.6-3.6-0.8	35		15	634	LEVEL & OVERLAY
	15+000	15+500	0.9-3.6-3.6-0.9	35		15	162	LEVEL & OVERLAY
	15+500	15+903	1.1-3.6-3.6-1.1	35		15	136	LEVEL & OVERLAY
	15+903	16+000	TAPER	35		15	37	LEVEL & OVERLAY
	16+000	16+861	2.4-3.6-3.6-2.4			15	368	LEVEL & OVERLAY
	16+861	17+341	VARIES	35		15		COLD PLANE 50, LEVEL & OVERLAY
	17+178 LT	17+341 LT	VARIES	50	100			RECONST. SECTION--SEE SHEET 5
VT RTE 58--CL I	0+000	0+252	VARIES	35		15		COLD PLANE 50, LEVEL & OVERLAY
IRASBURG		0+284						
US ROUTE 5	0+000	0+523	VARIES	35		15		COLD PLANE 50, LEVEL & OVERLAY
	0+000 LT	0+81 LT	VARIES	50	100			RECONST. SECTION--SEE SHEET 5

RURAL AREA - SEED MIXTURE

% MASS	kg/ha	NAME	PUR %	GERM %
37.14	26	CREEPING RED FESCUE	98	85
37.14	26	TALL FESCUE	95	90
5.71	4	RED TOP	95	90
14.30	10	BIRDSFOOT TREFLOIL	98	85
5.71	4	ANNUAL RYE GRASS	95	85
100.00	70			

SEED MIXTURE:
 SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY MASS AND SHALL BE FREE OF ALL NOXIOUS WEED SEED.
 SEED:
 TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE RESIDENT ENGINEER.
 FERTILIZER:
 FORMULA 10-20-10 TO BE USED WITH SEED, APPLIED AT THE RATE OF 560 kg/ha. (HYDRO SEEDERS MAY USE I9-I9-I9 FORMULA)
 AGRICULTURAL LIMESTONE:
 TO BE APPLIED AT THE RATE OF 4500 kg/ha OR AS DIRECTED BY THE RESIDENT ENGINEER.
 HAY MULCH:
 TO BE PLACED ON EARTH SLOPES AT THE RATE OF 4500 kg/ha OR AS DIRECTED BY THE RESIDENT ENGINEER.
 TOPSOIL:
 TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER.

NOTES:

- THE PAVEMENT WEARING COURSE AND THE LEVELING COURSE SHALL BE TYPE IVS, ITEM 490.30, AS SHOWN ON THE TYPICALS. ALL LIQUID ASPHALT USED IN SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 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 L/m² OR AS DIRECTED BY THE RESIDENT ENGINEER.
- 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 RESIDENT ENGINEER. EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT, AS DIRECTED BY THE RESIDENT ENGINEER. MATERIAL REMOVED SHALL BE REPLACED WITH SUBBASE OF CRUSHED GRAVEL (FINE GRADED) OR COLD PLANE GRINDINGS.(AGGREGATE SHOULDERS MOD.) 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.
- 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 1m PAVED APRON UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER.
- 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.I2, AGGREGATE SHOULDERS (MOD). ADDITIONAL MATERIAL REQUIRED AFTER THE COLD PLANE GRINDINGS ARE USED WILL BE PAID FOR UNDER ITEM 402.I2, AGGREGATE SHOULDERS.
- 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 490.30, SUPERPAVE 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 SUBSIDIARY TO ITEM 490.30, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT PG 58-34.
- COMPACTION, GRADING, AND CLEAN UP OF ITEM 301.28, SUBBASE OF CRUSHED GRAVEL, ITEM 402.I2, AGGREGATE SHOULDER MATERIAL, AND ITEM 651.35, TOPSOIL, IS TO BE INCLUDED IN THE CONTRACT UNIT PRICE OF EACH ITEM.
- SPECIAL PRECAUTIONS MUST BE TAKEN TO PREVENT DAMAGE TO THE EXISTING MEMBRANES ON THE BRIDGES. THE CONTRACTOR SHALL PERFORM COLD PLANING WITH CAUTION AT THE LISTED LOCATIONS. ANY DAMAGES WHICH MAY OCCUR TO THE MEMBRANE AS A RESULT OF THIS PROJECT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND WILL BE REPAIRED AT NO COST TO THE STATE.
- ONE METER OF BACKING IS REQUIRED BEHIND THE FACE 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. MARKER POSTS WILL BE USED TO MARK INLET AND OUTLET OF CROSS PIPES.
- ESTIMATED QUANTITIES OF ITEM 608.25, EXCAVATOR RENTAL AND 608.37 TRUCK RENTAL HAVE BEEN INCLUDED FOR THE PROVISION OF CONSTRUCTING GUARDRAIL FLARES WITH EXCAVATED DITCHING MATERIAL. THE GUARDRAIL 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 GUARDRAIL TERMINAL. AN ESTIMATED QUANTITY OF EARTH BORROW HAS BEEN INCLUDED TO PROVIDE FOR ADDITIONAL MATERIAL IF NEEDED, FOR FLARE CONSTRUCTION.
- ALL 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 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT PG 58-34.

NOTE: ALL DIMENSIONS IN MILLIMETERS EXCEPT AS INDICATED

PROJECT TYPICAL SHEET#1

PROJECT:	BARTON- IRASBURG	PROJECT NO.:	STP 2107(1) S
DESIGN FILE NAME:	pave/98c096/pc096.dgn	PLOT DATE:	21-MAY-2007 13
IPARM FILE NAME:	pc096ty01.t	SURVEY DATE:	6/99
SURVEYED BY:	CLD ENGINEERS INC	DRAWN BY:	NLL
SQUAD LEADER:	WRH	SHEET:	3 OF 49

DATUM _____
 VERTICAL _____
 HORIZONTAL _____