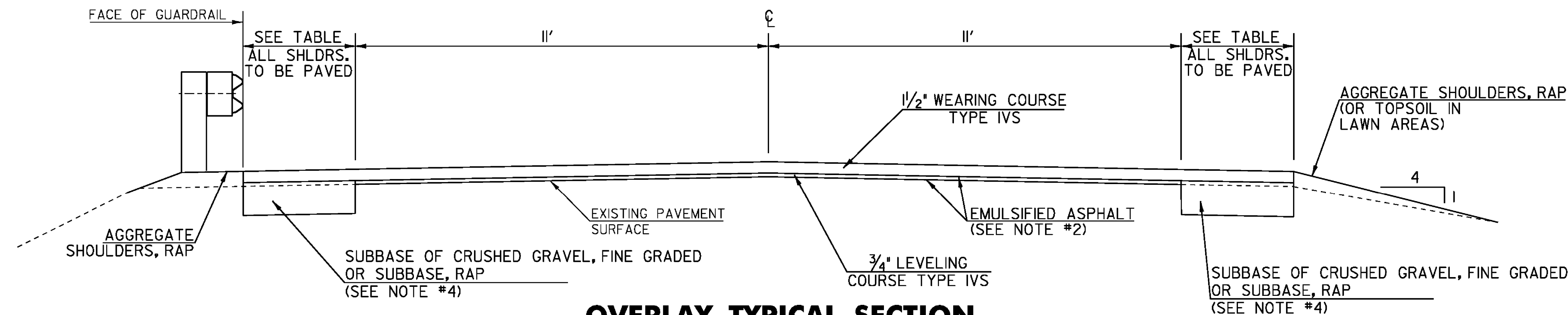


GENERAL NOTES

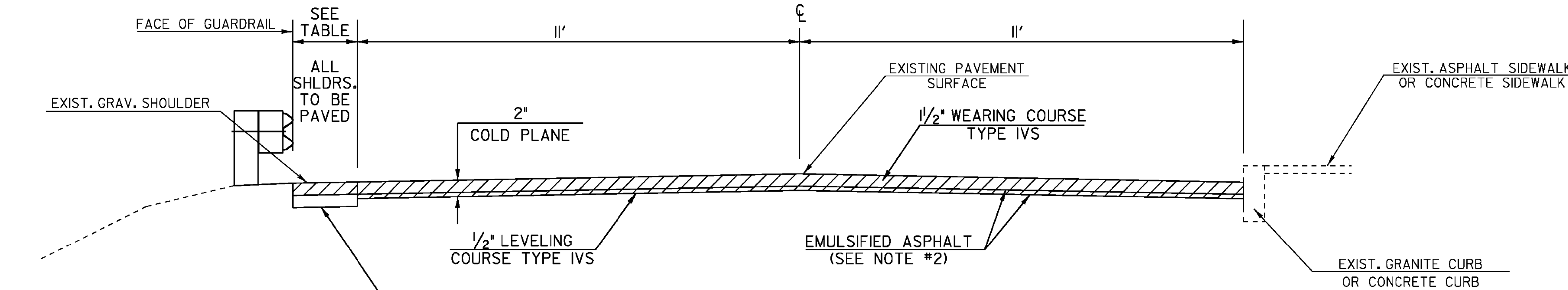
- THE PAVEMENT WEARING COURSE SHALL BE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TYPE IVS. THE LEVELING COURSE SHALL BE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TYPE IVS, ITEM 490.30, AS SHOWN ON THE TYPICAL SECTIONS, UNLESS DIRECTED BY THE RESIDENT ENGINEER. ALL LIQUID ASPHALT USED IN SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE IN ACCORDANCE WITH SECTION 490 GENERAL SPECIAL PROVISIONS.
- EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, ON COLD PLANED SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT THE RATE OF 0.025 GAL/SY OR AS DIRECTED BY THE RESIDENT ENGINEER.
- SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = 1/4" +/- (TOTAL THICKNESS EXCLUDING LEVEL COURSE).
- 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 WILL BE PAID FOR AS POWER GRADER RENTAL, ITEM 608.15. MATERIAL REMOVED SHALL BE REPLACED WITH ITEM 301.28 SUBBASE OF CRUSHED GRAVEL, FINE GRADED OR ITEM 301.40 SUBBASE, RAP AS DIRECTED BY THE RESIDENT ENGINEER. EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT AS DIRECTED BY THE VTRANS RESIDENT ENGINEER. THIS WORK SHALL BE DONE BEFORE THE LEVELING COURSE IS PAVED TO ALLOW ALL OF THE LIFTS OF PAVEMENT THROUGHOUT THE WIDENED AREA.
- COLD PLANING SHALL BE COMPLETED ACCORDING TO THE TYPICAL SECTIONS 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. PAVED TEMPORARY FILLETS SHALL BE PAID INCIDENTAL TO ITEM 490.30, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.
- BITUMINOUS CONCRETE PAVEMENT WORK, WHICH WILL INVOLVE SOME HAND-WORK (SUCH AS PUBLIC AND / OR PRIVATE DRIVES AND PERMITTED DRIVES), SHALL BE PAID FOR UNDER ITEM 900.675, SPECIAL PROVISION - (HAND PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES), SUPERPAVE 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 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.
- ALL EDGES OF PAVEMENT SHALL BE BACKED UP FULL HEIGHT WITH COLD PLANE GRINDINGS AND PLACED WITH A 1:4 TAPER AND WILL BE PAID FOR UNDER ITEM 402.13, AGGREGATE SHOULDERS, RAP.
- 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.
- ITEMS 604.412, 604.415 AND 604.418 ARE ESTIMATED ITEMS AND SHALL BE PERFORMED AT LOCATIONS SHOWN ON THE LAYOUT SHEETS OR AS DIRECTED BY THE RESIDENT ENGINEER. ALL DI'S SHALL BE RAISED SUCH THAT THE NEW GRATE ELEVATION MATCHES WITH THE SURROUNDING TERRAIN.
- 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.
- YIELDING MARKER POSTS, ITEM 619.17, SHALL BE USED TO DELINEATE CULVERT ENDS AND DROP INLETS LOCATED OUTSIDE OF THE PAVEMENT SURFACE OR AS DIRECTED BY THE ENGINEER.
- STEEL BEAM GUARDRAIL WITH STEEL POSTS SHALL BE USED ON THIS PROJECT.
- 3' OF BACKING IS REQUIRED BEHIND THE FACE OF GUARDRAIL WITH 6' POSTS. IF THIS CANNOT BE OBTAINED, THEN 8' POSTS SHALL BE USED AND PAID FOR UNDER ITEM 621.205.
- AN ESTIMATED QUANTITY OF ITEM 608.15, POWER GRADER RENTAL HAS BEEN INCLUDED FOR REMOVING BUILT UP SAND, SOD ETC. ADJACENT TO THE SHOULDER, IN NON-GUARDRAIL AREAS, TO ALLOW FREE DRAINAGE OFF THE SHOULDER.
- 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 4:6 CREATED BY THE GUARDRAIL FLARE. THE QUANTITIES REFLECT 25 SY OF ITEM 653.20, TEMPORARY EROSION MATTING FOR EACH NEW GUARDRAIL FLARE.
- VTRANS DISTRICT 2 HAS THE RIGHT TO RETAIN ANY GUARDRAIL AND APPURTENANCES THEY DEEM RE-USABLE.
- ALL STATIONING IS REFERENCED TO MILE MARKERS ONLY.



OVERLAY TYPICAL SECTION

NOT TO SCALE

NEWFANE	- MM 3.400 TO MM 5.382
	- MM 5.384 TO MM 5.662
TOWNSHEND	- MM 0.000 TO MM 0.155
	- MM 0.241 TO MM 1.000
	- MM 2.356 TO MM 2.690
	- MM 3.160 TO MM 6.300
	- MM 6.720 TO MM 7.190



COLD PLANE TYPICAL SECTION

NOT TO SCALE

NEWFANE	- MM 1.594 TO MM 1.735	TOWNSHEND	- MM 1.000 TO MM 1.381
	- MM 1.743 TO MM 2.189		- MM 1.390 TO MM 1.732
	- MM 2.198 TO MM 2.558		- MM 1.732 TO MM 2.356
	- MM 2.571 TO MM 2.690		- MM 6.300 TO MM 6.720
	- MM 3.160 TO MM 3.400		

PROJECT PAVING LIMITS

TOWN	BEGIN STATION	END STATION	*LEFT SHOULDER	*LANE TYPICAL	*RIGHT SHOULDER	WEARING DEPTH	LEVELING DEPTH	LEVELING	NOTES
VT RTE 30	1.628								
NEWFANE	MM 1.594	MM 1.735	3.0	11.0-11.0	3.0	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL 1/2", OVERLAY 1 1/2" TYPE IVS
	MM 1.735	MM 1.743	5.5	11.0-11.0	5.5	1 1/4"	-	-	BRIDGE 11 COLD PLANE 1 1/4", PAVE 1 1/4" TYPE IVS
	MM 1.743	MM 2.189	3.0	11.0-11.0	3.0	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL 1/2", OVERLAY 1 1/2" TYPE IVS
	MM 2.189	MM 2.198	4.0	11.0-11.0	4.0	1 1/4"	-	-	BRIDGE 12 COLD PLANE 1", PAVE 1 1/4" TYPE IVS
	MM 2.198	MM 2.558	3.0	11.0-11.0	3.0	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL 1/2", OVERLAY 1 1/2" TYPE IVS
	MM 2.558	MM 2.571	4.0	11.0-11.0	4.0	1 1/4"	-	-	BRIDGE 13 COLD PLANE 1", PAVE 1 1/4" TYPE IVS
	MM 2.571	MM 2.690	3.0	11.0-11.0	3.0	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL 1/2", OVERLAY 1 1/2" TYPE IVS
	MM 2.690	MM 3.160	3.0	11.0-11.0	3.0	1 1/2"	1/2"	IVS	**COLD PLANE 2", PLACE 2" TYPE III, OVERLAY 1 1/2" TYPE IVS
	MM 3.160	MM 3.400	3.0	11.0-11.0	3.0	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL 1/2", OVERLAY 1 1/2" TYPE IVS
	MM 3.400	MM 5.382	2.0	11.0-11.0	3.0	1 1/2"	3/4"	IVS	LEVEL 3/4" AND OVERLAY 1 1/2" TYPE IVS
	MM 5.382	MM 5.384	2.0	11.0-11.0	2.0	1 1/4"	-	-	BRIDGE 14 COLD PLANE 1", PAVE 1 1/4" TYPE IVS
	MM 5.384	MM 5.662	2.0	11.0-11.0	3.0	1 1/2"	3/4"	IVS	LEVEL 3/4" AND OVERLAY 1 1/2" TYPE IVS
TOWNSHEND									
	MM 0.000	MM 0.075	2.0	11.0-11.0	3.0	1 1/2"	3/4"	IVS	LEVEL 3/4" AND OVERLAY 1 1/2" TYPE IVS
	MM 0.075	MM 0.155	5.0	11.0-11.0	3.0	1 1/2"	3/4"	IVS	LEVEL 3/4" AND OVERLAY 1 1/2" TYPE IVS
	MM 0.155	MM 0.241	4.0	11.0-11.0	4.0	1 1/4"	-	-	BRIDGE 15 COLD PLANE 1 1/4", PAVE 1 1/4" TYPE IVS
	MM 0.241	MM 0.370	5.0	11.0-11.0	3.0	1 1/2"	3/4"	IVS	LEVEL 3/4" AND OVERLAY 1 1/2" TYPE IVS
	MM 0.370	MM 1.000	4.0	11.0-11.0	4.0	1 1/2"	3/4"	IVS	LEVEL 3/4" AND OVERLAY 1 1/2" TYPE IVS
	MM 1.000	MM 1.381	4.0	11.0-11.0	4.0	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL 3/4", OVERLAY 1 1/2" TYPE IVS
	MM 1.381	MM 1.390	4.0	11.0-11.0	4.0	1 1/4"	-	-	BRIDGE 18 COLD PLANE 1", PAVE 1 1/4" TYPE IVS
	MM 1.390	MM 1.732	4.0	11.0-11.0	4.0	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL 1/2", OVERLAY 1 1/2" TYPE IVS
	MM 1.732	MM 2.356	2.0	11.0-11.0	2.0	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL 1/2", OVERLAY 1 1/2" TYPE IVS
	MM 2.356	MM 4.000	2.0	11.0-11.0	2.0	1 1/2"	3/4"	IVS	LEVEL 3/4" AND OVERLAY 1 1/2" TYPE IVS
	MM 4.000	MM 6.300	5.0	11.0-11.0	5.0	1 1/2"	3/4"	IVS	LEVEL 3/4" AND OVERLAY 1 1/2" TYPE IVS
	MM 6.300	MM 6.720	5.0	11.0-11.0	5.0	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL 1/2", OVERLAY 1 1/2" TYPE IVS
	MM 6.720	MM 7.190	5.0	11.0-11.0	5.0	1 1/2"	3/4"	IVS	LEVEL 3/4" AND OVERLAY 1 1/2" TYPE IVS

*EXISTING PAVEMENT WIDTHS WERE MATCHED DUE TO CONSTRUCTABILITY CONSTRAINTS

**USE TO BE DETERMINED BY THE RESIDENT ENGINEER

PROJECT TYPICAL SHEET 1

PROJECT NAME: NEWFANE-TOWNSHEND

PROJECT NUMBER: STP 2401(1)

FILE NAME: p01b036.dgn

PROJECT LEADER: CRB

DESIGNED BY: JBZ

IPARM FILE NAME: p01b036_03.1

PLOT DATE: 04-FEB-2010

DRAWN BY: JBZ

CHECKED BY: BDB

SHEET 3 OF 32