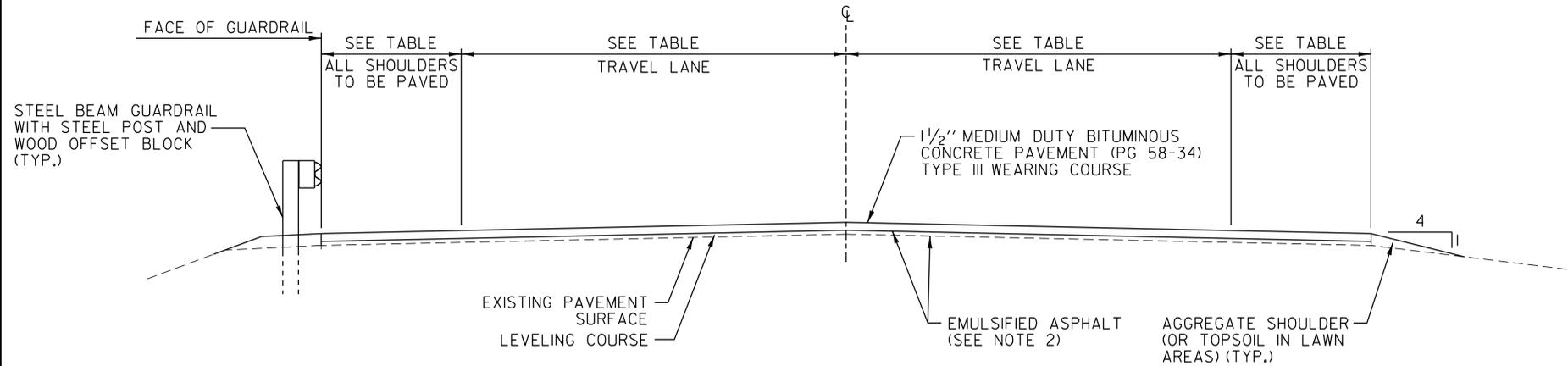


NOTES

1. THE WEARING COURSE SHALL BE TYPE III MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT. THE LEVELING COURSE SHALL BE TYPE IV MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT. ASPHALT CEMENT USED IN THE BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 58-34.
2. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, BETWEEN ALL COURSES OF PAVEMENT AND ON COLD PLANED SURFACES AT THE RATE OF 0.025 GAL/SY OR AS DIRECTED BY THE RESIDENT ENGINEER.
3. MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT TOLERANCE = +/- 1/4" (TOTAL PAVEMENT THICKNESS EXCLUDING LEVELING).
4. ALL EDGES OF PAVEMENT AND TREATED TIMBER CURB SHALL BE BACKED UP TO FULL HEIGHT WITH COLD PLANE GRINDINGS AS DIRECTED BY THE RESIDENT ENGINEER AND WILL BE PAID FOR UNDER ITEM 402.13 AGGREGATE SHOULDERS, RAP. ADDITIONAL AGGREGATE MATERIAL REQUIRED AFTER THE COLD PLANE GRINDINGS ARE USED WILL BE PAID FOR UNDER ITEM 402.12 AGGREGATE SHOULDERS.
5. ALL BITUMINOUS CONCRETE PAVEMENT WORK WHICH COULD INVOLVE SOME HAND-WORK (SUCH AS DRIVEWAYS AND AROUND DROP INLETS, ETC.) SHALL BE PAID FOR AT THE CONTRACT PRICE FOR ITEM 406.27 MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT (PG 58-34).
6. DITCHING MATERIAL OR EARTH BORROW SHALL BE USED FOR THE CONSTRUCTION OF MANUFACTURED TERMINAL FLARES WHICH SHALL BE CAPPED WITH AN ESTIMATED 3' DEPTH OF AGGREGATE SHOULDER MATERIAL AS DIRECTED BY THE RESIDENT ENGINEER. THE QUANTITIES INCLUDED REFLECT 5 TONS OF AGGREGATE SHOULDER MATERIAL AND 25 CUBIC YARDS OF DITCHING MATERIAL OR EARTH BORROW FOR EACH GUARDRAIL TERMINAL.
7. THE PROPOSED GUARDRAIL SHALL BE INSTALLED IN A LOCATION THAT MAXIMIZES THE DISTANCE FROM THE CENTER OF THE ROAD TO THE FACE OF GUARDRAIL. 3' OF BACKING IS REQUIRED BEHIND THE FACE OF GUARDRAIL WITH 6' POSTS. IF THIS CANNOT BE OBTAINED, THEN 8' POSTS SHALL BE USED.
8. ALL DRIVES, MAILBOX TURNOUTS AND GRAVEL PULLOUTS 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 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 MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT (PG 58-34) ESTIMATED QUANTITIES OF THE ABOVE ITEMS HAVE BEEN INCLUDED TO PAY FOR THIS WORK.
9. 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 ALL PURPOSE EXCAVATOR RENTAL OR POWER GRADER RENTAL. MATERIAL REMOVED SHALL BE REPLACED WITH 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.
10. 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.
11. ESTIMATED QUANTITIES OF ITEM 613.10 STONE FILL, TYPE I; ITEM 649.31 GEOTEXTILE UNDER STONE FILL; AND ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I HAVE BEEN INCLUDED TO PROVIDE FOR REPAIR OF EXISTING STONE LINED DRAINAGE OUTLETS LOCATED ALONG THE ROADWAY SIDE SLOPES AS DIRECTED BY THE RESIDENT ENGINEER.
12. AN ADDITIONAL ESTIMATED QUANTITY OF TYPE IV LEVELING COURSE HAS BEEN INCLUDED IN THE PLANS TO BE USED AS DIRECTED BY THE RESIDENT ENGINEER DUE TO THE SEVERE RUTTING IN THE EXISTING PAVEMENT SURFACE.
13. STEEL BEAM GUARD RAIL WITH STEEL POSTS SHALL BE USED ON THIS PROJECT.



MAINLINE TYPICAL SECTION

VT. ROUTE 73 ROCHESTER STA. 0+00.00 TO ROCHESTER STA. 251+85.60
 VT. ROUTE 73 CHITTENDEN STA. 0+00.00 TO CHITTENDEN STA. 6+97.48
 VT. ROUTE 73 ROCHESTER STA. 251+85.60 TO ROCHESTER STA. 465+48.48

PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING TON	NOTES
ROCHESTER:						
VT. ROUTE 73	0+00.00	193+65.00	4'-0" - 11'-0" - 11'-0" - 4'-0"	1 1/2"	908	LEVEL WITH 1/2" TYPE IV & PAVE WITH 1/2" TYPE III
VT. ROUTE 73	193+65.00	194+18.00	4'-0" - 11'-0" - 11'-0" - 4'-0"	1 1/4"	-	BR 14, COLD PLANE 1/4" & PAVE WITH 1/4" TYPE III
VT. ROUTE 73	194+18.00	251+85.60	4'-0" - 11'-0" - 11'-0" - 4'-0"	1 1/2"	541	LEVEL WITH 1/2" TYPE IV & PAVE WITH 1/2" TYPE III
CHITTENDEN:						
VT. ROUTE 73	0+00.00	6+97.48	4'-0" - 11'-0" - 11'-0" - 4'-0"	1 1/2"	65	LEVEL WITH 1/2" TYPE IV & PAVE WITH 1/2" TYPE III
ROCHESTER:						
VT. ROUTE 73	251+85.60	259+90.00	4'-0" - 11'-0" - 11'-0" - 4'-0"	1 1/2"	74	LEVEL WITH 1/2" TYPE IV & PAVE WITH 1/2" TYPE III
VT. ROUTE 73	259+90.00	260+40.00	6" - 10'-0" - 10'-0" - 6"	1 1/4"	-	BR 15, COLD PLANE 1/4" & PAVE WITH 1/4" TYPE III
VT. ROUTE 73	260+40.00	336+05.00	3'-0" - 11'-0" - 11'-0" - 3'-0"	1 1/2"	660	LEVEL WITH 1/2" TYPE IV & PAVE WITH 1/2" TYPE III
VT. ROUTE 73	336+05.00	336+38.00	6" - 10'-0" - 10'-0" - 6"	1 1/4"	-	BR 16, COLD PLANE 1/4" & PAVE WITH 1/4" TYPE III
VT. ROUTE 73	336+38.00	363+00.00	3'-0" - 11'-0" - 11'-0" - 3'-0"	1 1/2"	233	LEVEL WITH 1/2" TYPE IV & PAVE WITH 1/2" TYPE III
VT. ROUTE 73	363+00.00	368+04.00	6'-0" - 12'-0" - 12'-0" - 6'-0"	1 1/2"	56	LEVEL WITH 1/2" TYPE IV & PAVE WITH 1/2" TYPE III
VT. ROUTE 73	368+04.00	369+06.00	5'-0" - 12'-0" - 12'-0" - 5'-0"	1 1/4"	-	BR 17, COLD PLANE 1/4" & PAVE WITH 1/4" TYPE III
VT. ROUTE 73	369+06.00	375+50.00	6'-0" - 12'-0" - 12'-0" - 6'-0"	1 1/2"	72	LEVEL WITH 1/2" TYPE IV & PAVE WITH 1/2" TYPE III
VT. ROUTE 73	375+50.00	464+51.00	3'-0" - 11'-0" - 11'-0" - 3'-0"	1 1/2"	780	LEVEL WITH 1/2" TYPE IV & PAVE WITH 1/2" TYPE III
VT. ROUTE 73	464+51.00	465+26.00	1'-9" - 11'-0" - 11'-0" - 1'-9"	1 1/4"	-	BR 19, COLD PLANE 1/4" & PAVE WITH 1/4" TYPE III
VT. ROUTE 73	465+26.00	465+48.48	1'-9" - 11'-0" - 11'-0" - 1'-9"	1 1/2"	-	COLD PLANE 1/2" & PAVE WITH 1/2" TYPE III

CONSERVATION SEED MIX

RURAL AREA - SEED MIXTURE				
% WT.	LBS./A.	NAME	PUR. %	GERM. %
37.5	22.5	CREEPING RED FESCUE	98	85
37.5	22.5	TALL FESCUE	95	90
5.0	3.0	RED TOP	95	90
15.0	9.0	BIRDSFOOT TREFLOIL	98	85
5.0	3.0	ANNUAL RYEGRASS	95	85
100.0	60.0			

SEED MIXTURE:
 SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS WEED SEED.

SEED:
 TO BE APPLIED PER SEEDING FORMULA OR AS DIRECTED BY THE RESIDENT ENGINEER.

FERTILIZER:
 FORMULA 10-20-10 TO BE USED WITH SEED APPLIED AT THE RATE OF 500 LBS/ACRE (HYDRO SEEDERS MAY USE 19-19-19 FORMULA).

AGRICULTURAL LIMESTONE:
 TO BE APPLIED AT THE RATE OF 2 TONS/ACRE OR AS DIRECTED BY THE RESIDENT ENGINEER.

HAY MULCH:
 TO BE APPLIED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE 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.

PROJECT TYPICAL SHEET	PROJECT NAME: ROCHESTER-CHITTENDEN-ROCHESTER
	PROJECT NUMBER: SIP_2505(1)S
FILE NAME: p05c046.dgn	PLOT DATE: \$DATE\$
PROJECT LEADER: D.E.G.	DRAWN BY: C.A.K.
DESIGNED BY: J.S.P.	CHECKED BY: D.E.G.
IPARM FILE: p05c046+ts.i	SHEET 3 OF 56

NOT TO SCALE