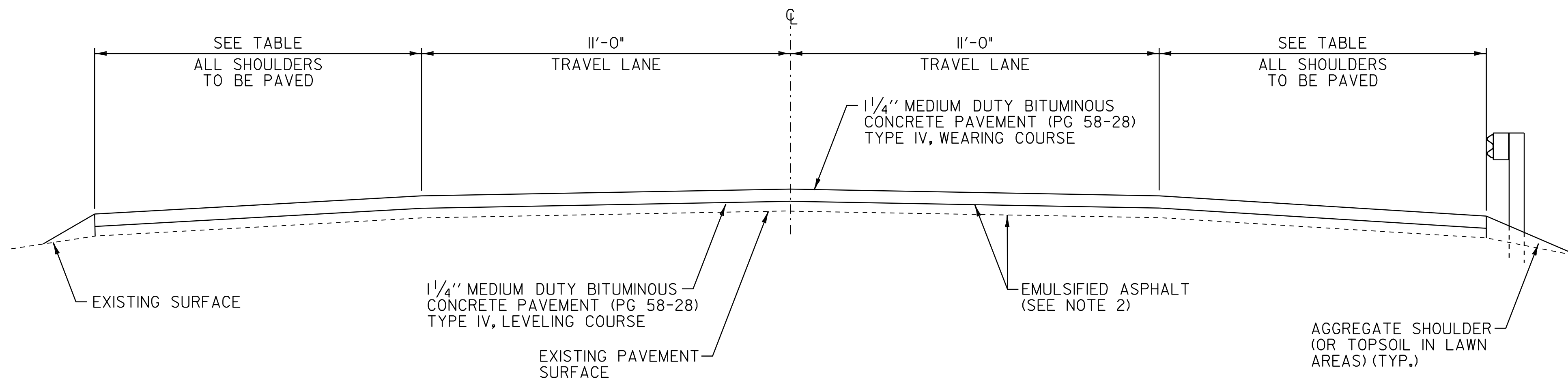


NOTES

1. THE WEARING COURSE SHALL BE TYPE IV MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT. THE LEVELING COURSE SHALL BE TYPE IV MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT. ASPHALT CEMENT USED IN THE MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 58-28.
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 0.015 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 SHALL BE BACKED UP TO FULL HEIGHT WITH AGGREGATE SHOULDER MATERIAL AS DIRECTED BY THE RESIDENT ENGINEER AND WILL BE PAID FOR UNDER ITEM 402.12 AGGREGATE SHOULDERS.
5. PIPE INLET AND OUTLET AREAS AND AREAS OF DITCH CLEANING THROUGHOUT THE PROJECT SHALL BE PERFORMED AT LOCATIONS SPECIFIED ON PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT SHALL BE MADE UNDER APPLICABLE RENTAL ITEM(S).
6. DITCHING MATERIAL SHALL BE USED FOR THE CONSTRUCTION OF MANUFACTURED TERMINAL FLARES WHICH SHALL BE CAPPED WITH AN ESTIMATED 3" DEPTH OF AGGREGATE SHOULDER MATERIAL (MOD.), UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. THE QUANTITIES INCLUDED REFLECT 5 TONS OF AGGREGATE SHOULDER MATERIAL (MOD.) AND 25 CUBIC YARDS OF DITCHING MATERIAL 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 THE GUARDRAIL. 3' OF BACKING IS REQUIRED BEHIND THE FACE OF THE 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. 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 OR 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. ITEM 619.17 YIELDING MARKER POSTS SHALL ONLY BE USED TO DELINEATE PIPE INLETS, OUTLETS, AND DROP INLETS IN THE DITCH LINE.



MAINLINE TYPICAL SECTION

VT. ROUTE 30 CASTLETON	STA. 273+60.96 TO CASTLETON	STA. 346+05.12
VT. ROUTE 30 HUBBARDTON	STA. 0+000.00 TO HUBBARDTON	STA. 88+73.50
VT. ROUTE 30 HUBBARDTON	STA. 101+23.50 TO HUBBARDTON	STA. 271+97.28
VT. ROUTE 30 SUDBURY	STA. 0+000.00 TO SUDBURY	STA. 336+91.68

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 TREFOIL	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 PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING TON	NOTES
CASTLETON VT. ROUTE 30	273+60.96	278+60.00	4'-6" - 11'-0" - 11'-0" - 4'-6"	1 1/4"	145	LEVEL WITH 1 1/4" TYPE IV & PAVE WITH 1 1/4" TYPE IV
CASTLETON VT. ROUTE 30	278+60.00	287+00.00	6'-0" - 11'-0" - 11'-0" - 6'-0"	1 1/4"	321	LEVEL WITH 1 1/4" TYPE IV & PAVE WITH 1 1/4" TYPE IV
CASTLETON VT. ROUTE 30	287+00.00	346+05.12	2'-0" - 11'-0" - 11'-0" - 2'-0"	1 1/4"	1211	LEVEL WITH 1 1/4" TYPE IV & PAVE WITH 1 1/4" TYPE IV
HUBBARDTON VT. ROUTE 30	0+00.00	88+73.50	2'-0" - 11'-0" - 11'-0" - 2'-0"	1 1/4"	1838	LEVEL WITH 1 1/4" TYPE IV & PAVE WITH 1 1/4" TYPE IV
HUBBARDTON VT. ROUTE 30	101+23.50	271+97.28	2'-0" - 11'-0" - 11'-0" - 2'-0"	1 1/4"	3465	LEVEL WITH 1 1/4" TYPE IV & PAVE WITH 1 1/4" TYPE IV
SUDBURY VT. ROUTE 30	0+00.00	265+50.00	2'-0" - 11'-0" - 11'-0" - 2'-0"	1 1/4"	5388	LEVEL WITH 1 1/4" TYPE IV & PAVE WITH 1 1/4" TYPE IV
SUDBURY VT. ROUTE 30	265+50.00	281+20.00	4'-0" - 11'-0" - 11'-0" - 4'-0"	1 1/4"	366	LEVEL WITH 1 1/4" TYPE IV & PAVE WITH 1 1/4" TYPE IV
SUDBURY VT. ROUTE 30	281+20.00	336+91.68	2'-0" - 11'-0" - 11'-0" - 2'-0"	1 1/4"	1218	LEVEL WITH 1 1/4" TYPE IV & PAVE WITH 1 1/4" TYPE IV

PROJECT TYPICAL SHEET

PROJECT NAME: CASTLETON - SUDBURY
PROJECT NUMBER: STP 2402(1)S
FILE NAME: p04c028.dgn
PLOT DATE: 11-JUN-2007 13:33
PROJECT LEADER: D.E.G.
DRAWN BY: C.A.K.
DESIGNED BY: D.W.E.
CHECKED BY: D.E.G.
IPARM FILE: p04c028+yp.l
SHEET 7 OF 92