

NORTHBOUND AND SOUTHBOUND MAINLINE TYPICAL SECTIONS AND PAVEMENT MARKINGS

(SHOWN IN DIRECTION OF TRAVEL)

SEEDING FORMULA RURAL AREAS

% 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			

THE 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 DIRECTED BY THE 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 ENGINEER.

HAY MULCH- TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.

TOPSOIL- TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.

TRAVEL, PASSING, ACCELERATION & DECELERATION LANES:

$\frac{3}{4}$ " OPEN GRADED ASPHALT FRICTION COURSE (409.25)
 $\frac{1}{2}$ " BITUMINOUS CONCRETE PAVEMENT, TYPE III (406.25)
 $2\frac{1}{2}$ " BITUMINOUS CONCRETE PAVEMENT, TYPE I (406.25)
 EMULSIFIED ASPHALT TO BE APPLIED UNDER ALL LIFTS OF PAVEMENT (EXCEPT OPEN GRADED ASPHALT FRICTION COURSE UNLESS TYPE III HAS BEEN EXPOSED TO TRAFFIC OVER THE WINTER MONTHS) @ 0.015 GAL/S.Y. OR AS DIRECTED BY THE ENGINEER (404.65)
 $2\frac{1}{2}$ " COLD PLANING-BITUMINOUS PAVEMENT (210.10)

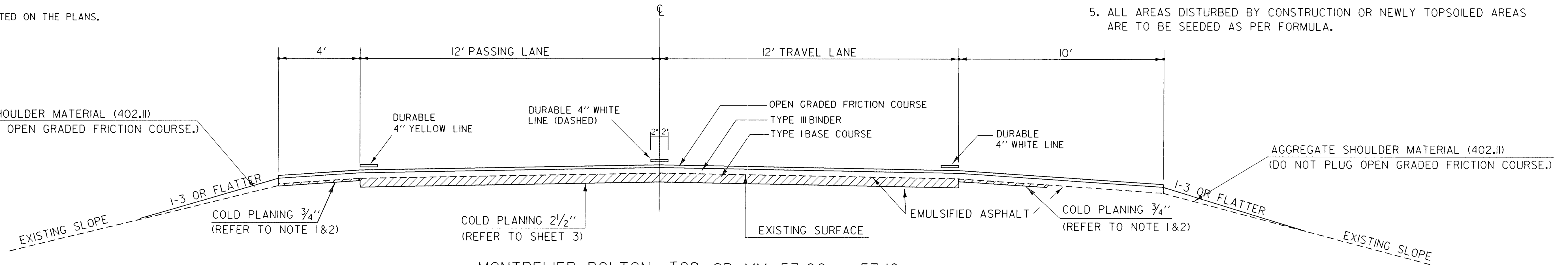
SHOULDERS: $\frac{3}{4}$ " OPEN GRADED ASPHALT FRICTION COURSE (409.25)
 $\frac{1}{2}$ " BITUMINOUS CONCRETE PAVEMENT, TYPE III (406.25)
 EMULSIFIED ASPHALT TO BE APPLIED UNDER ALL LIFTS OF PAVEMENT @ 0.015 GAL/S.Y. OR AS DIRECTED BY THE ENGINEER (404.65)
 LEVEL AS REQUIRED

MATERIAL TOLERANCES:

PAVEMENT $\pm \frac{1}{4}$ "

- NOTES:
1. NORTHBOUND FROM MM 53.00 TO 58.71 COLD PLANE PASSING AND TRAVEL LANES TO A DEPTH OF $\frac{3}{4}$ " (TRANSITION COLD PLANING FROM $2\frac{1}{2}$ " TO $\frac{3}{4}$ " IN 100'). COLD PLANE 4' SHOULDER TO A DEPTH OF $\frac{3}{4}$ " AND COLD PLANE FIRST 4' OF 10' SHOULDER TO A DEPTH OF $\frac{3}{4}$ ".
 2. SOUTHBOUND FROM MM 53.10 TO 58.69 COLD PLANE PASSING AND TRAVEL LANES TO A DEPTH OF $\frac{3}{4}$ " (TRANSITION COLD PLANING FROM $2\frac{1}{2}$ " TO $\frac{3}{4}$ " IN 100'). COLD PLANE 4' SHOULDER TO A DEPTH $\frac{3}{4}$ " AND COLD PLANE FIRST 2' OF THE 10' SHOULDER TO A DEPTH OF $\frac{3}{4}$ ".
 3. REFER TO SHEET 3 AND 4 FOR PAVING/COLD PLANING DETAILS.
 4. AN ESTIMATED QUANTITY OF TOPSOIL IS INCLUDED FOR THE PROJECT FOR TREATMENT OF AREAS DISTURBED BY CONSTRUCTION IF DEEMED NECESSARY BY THE ENGINEER.
 5. ALL AREAS DISTURBED BY CONSTRUCTION OR NEWLY TOPSOILED AREAS ARE TO BE SEEDED AS PER FORMULA.

AGGREGATE SHOULDER MATERIAL (402.11)
(DO NOT PLUG OPEN GRADED FRICTION COURSE.)



MONTPELIER BOLTON I89: SB MM 53.00 ~ 53.10
 SB MM 53.10 ~ 58.69 (REFER TO NOTE 2 FOR COLD PLANING DETAILS)
 SB MM 58.69 ~ 63.67
 NB MM 53.00 ~ 58.71 (REFER TO NOTE 1 FOR COLD PLANING DETAILS)
 NB MM 58.71 ~ 71.45

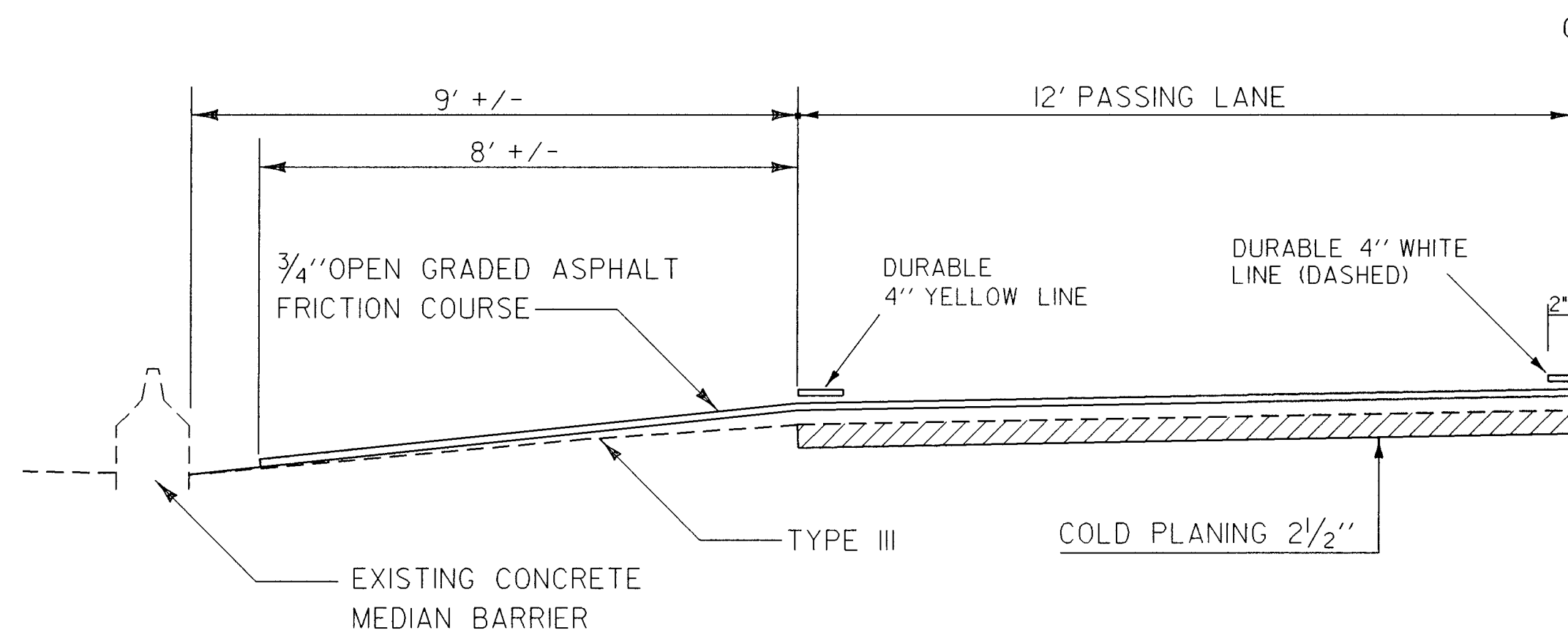
NORTHBOUND MEDIAN BARRIER SHOULDER TYPICAL

(MM 67.00 ~ 68.67)

INSIDE SHOULDER: $\frac{1}{2}$ " BITUMINOUS CONCRETE PAVEMENT TYPE III @ EDGE OF MAINLINE AND TAPERING DOWN TO 0" AT FACE OF BARRIER.

$\frac{3}{4}$ " OPEN GRADED ASPHALT FRICTION COURSE ENDING AT A POINT 1'-0" FROM FACE OF BARRIER.

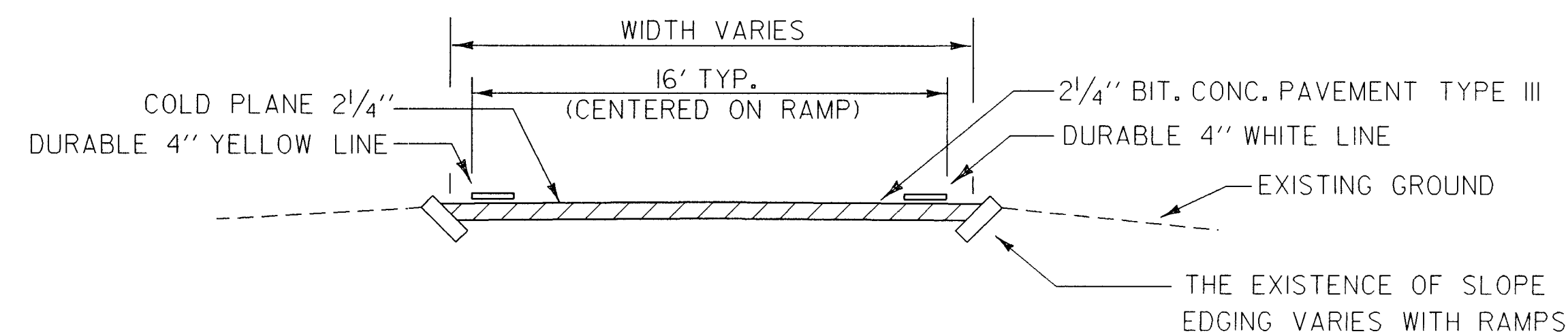
EMULSIFIED ASPHALT TO BE APPLIED @ 0.015 GAL/S.Y. OR AS DIRECTED BY THE ENGINEER.



NOTE:
REFER TO MAINLINE TYPICAL FOR TRAVEL LANE AND OUTSIDE SHOULDER DETAILS.

RAMP PAVEMENT TYPICAL

(SHOWN IN DIRECTION OF TRAVEL)



NOTES: $2\frac{1}{4}$ " BITUMINOUS CONCRETE PAVEMENT, TYPE III (406.25)
 $2\frac{1}{4}$ " COLD PLANING BITUMINOUS PAVEMENT (210.10)
 EMULSIFIED ASPHALT TO BE APPLIED @ 0.015 GAL/S.Y. OR AS DIRECTED BY THE ENGINEER.

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ON CARD 15

TYPICAL SECTIONS

SURVEYED BY	N/A	DATE	N/A
DRAWN BY	P.J. ROSS	DATE	1-94
SQUAD LEADER	Portolupi		
DESIGN FILE NO.	/sqda/92all3/dall3a.dgn		
IPARM FILE	dall3+0Li	DATE PLOTTED	11-APR-1997
PROJ. NAME	Montpelier-Bolton		
PROJ. NO.	IM 089-2(20)		
SHEET 2	OF 16	SHEETS	

N.T.S.