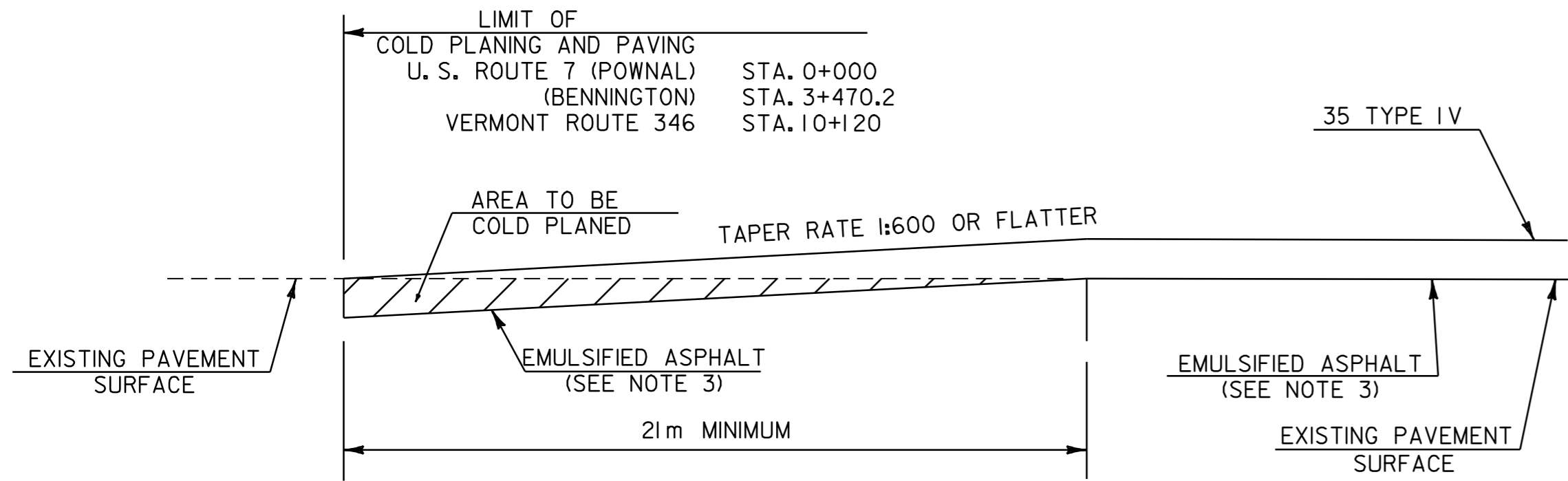


OVERLAY TYPICAL SECTION

U. S. ROUTE 7 (POWNA) STA. 0+000 TO STA. 12+854.9
(BENNINGTON) STA. 0+000 TO STA. 3+470.2

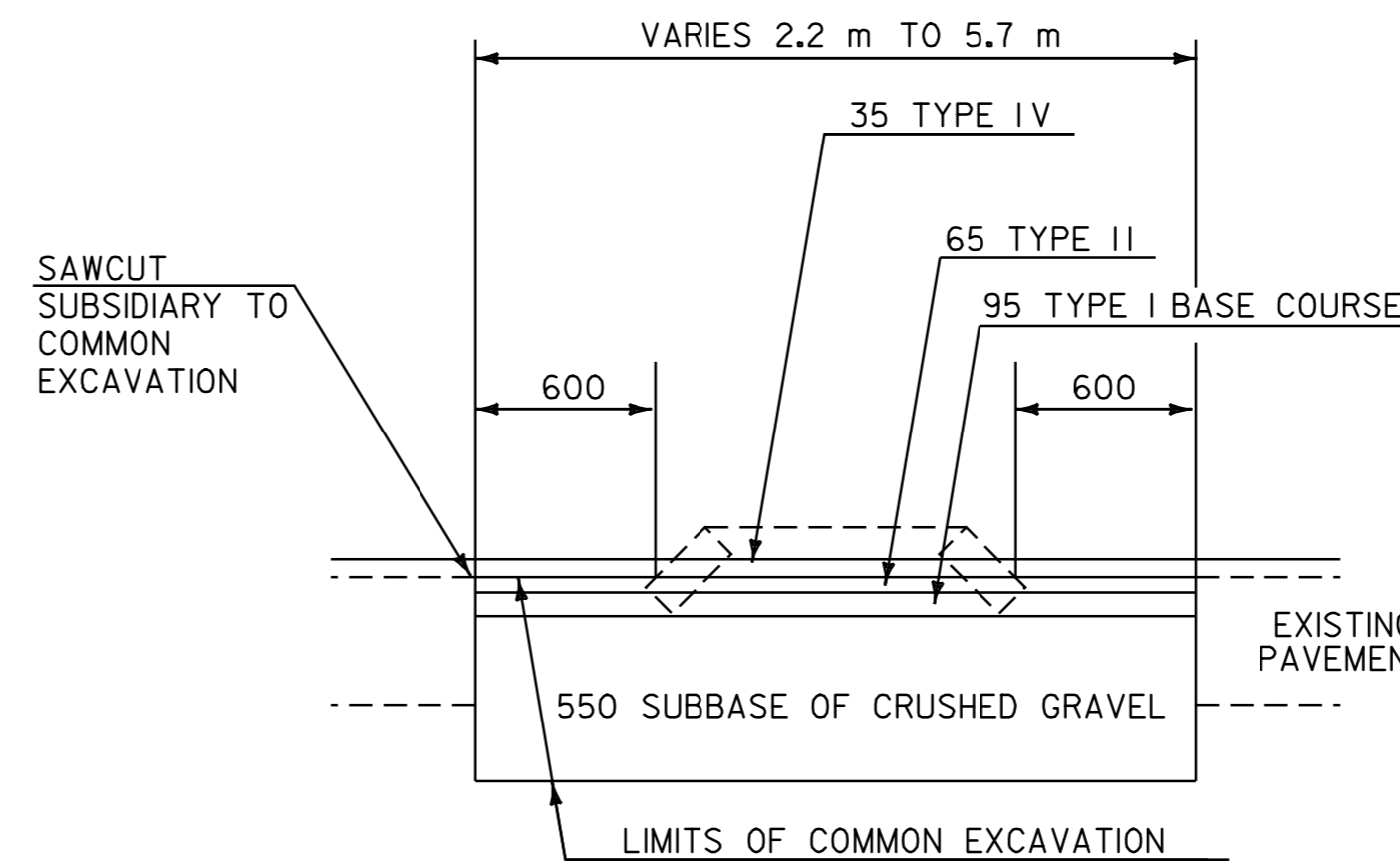
NOTES

1. THE PAVEMENT WEARING COURSE SHALL BE TYPE IV BITUMINOUS CONCRETE PAVEMENT. THE LEVELING COURSE SHALL BE TYPE IV. ASPHALT CEMENT USED IN THE BITUMINOUS CONCRETE PAVEMENT SHALL BE 58-34.
2. COLD PLANING TO BE COMPLETED ACCORDING TO TYPICAL OR AS NOTED OTHERWISE ON THE PLANS. A FULL DEPTH BUTT JOINT SHALL BE CONSTRUCTED AT THE PROJECT BEGIN/END AND AT ALL SIDE ROAD APPROACHES AS DENOTED ON THE PROJECT PLANS OR AS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER.
3. EMULSIFIED ASPHALT TO BE APPLIED ON EXISTING PAVEMENT, BETWEEN ALL COURSES OF PAVEMENT, AND ON COLD PLANED AREAS AT THE RATE OF 0.12 L/m² OR AS DIRECTED BY THE ENGINEER.
4. BITUMINOUS CONCRETE PAVEMENT TOLERANCE = +/- 5mm. (TOTAL THICKNESS EXCLUDING LEVELING)
5. ALL DRIVES SHALL RECEIVE A PAVED APRON AS DIRECTED BY THE RESIDENT ENGINEER. ANY AND ALL REQUIRED EXCAVATION IN DRIVE AREAS SHALL BE 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 406.25. QUANTITIES OF THE ABOVE ITEMS HAVE BEEN INCLUDED TO PAY FOR THIS WORK.
6. THE EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER SHALL BE EXCAVATED TO A DEPTH OF 75mm OR AS DIRECTED BY THE 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 ENGINEER.
7. 0.9m OF BACKING IS REQUIRED BEHIND FACE OF GUARD RAIL WITH 1.8m POSTS. IF THIS CANNOT BE OBTAINED, THEN 2.4m POSTS SHALL BE USED.
8. AREAS ADJACENT TO THE SHOULDER, WHERE EXISTING GUARD RAIL IS BEING RETAINED, THAT HAVE BUILT UP EXCESS MATERIAL ARE TO BE GRADED IN ORDER TO ALLOW THE SHOULDER TO DRAIN. PAYMENT IS UNDER ITEM 203.99, SHOULDER BERM REMOVAL.
9. 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 PAID FOR DIRECTLY, BUT WILL BE CONSIDERED SUBSIDIARY TO ITEM 406.25, BITUMINOUS CONCRETE PAVEMENT.
10. ALL EDGES OF PAVEMENT SHALL BE BACKED UP FULL HEIGHT WITH COLD PLANE GRINDINGS AS DIRECTED BY THE RESIDENT ENGINEER AND WILL BE PAID FOR UNDER ITEM 402.12, AGGREGATE SHOULDERS (MOD.) ADDITIONAL MATERIAL REQUIRED AFTER THE COLD PLANE GRINDINGS ARE USED WILL BE PAID FOR UNDER ITEM 402.12, AGGREGATE SHOULDERS.
11. 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 406.25, BITUMINOUS CONCRETE PAVEMENT.



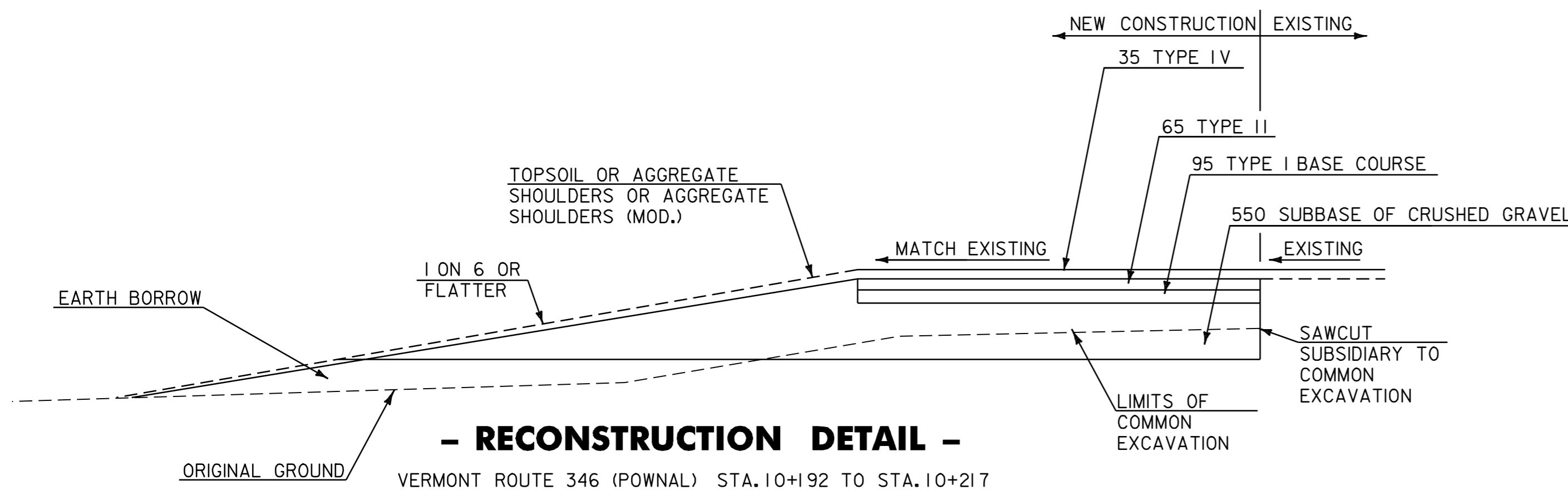
- APPROACH AREA DETAIL -

U. S. ROUTE 7 (POWNA) STA. 0+000.00 (BEGIN PROJECT)
(BENNINGTON) STA. 12+854.94 (END PROJECT)



- ISLAND REMOVAL DETAIL -

U. S. ROUTE 7 (POWNA) STA. 2+868 TO STA. 2+984
STA. 3+005 TO STA. 3+103
VERMONT ROUTE 346 (POWNA) STA. 10+192 TO STA. 10+214



- RECONSTRUCTION DETAIL -

VERMONT ROUTE 346 (POWNA) STA. 10+192 TO STA. 10+217

PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING †	NOTES	
POWNA U.S. ROUTE 7	0+000.00	2+390	2.6m - 3.6m - 3.6m - 2.6m	35	1067	LEVEL (15 mm, TYPE IV), OVERLAY (35 mm, TYPE IV)	
	2+390	2+490	3.0m - 3.6m - 3.6m - 3.3m - 1.8m	35	50		
	2+490	2+580	3.0m - 3.6m - 3.6m - 3.3m - 1.8m	35	50		
	2+580	3+197	VARIES -- SEE PLAN SHEETS	35	437		
	3+197	3+679	2.4m - 3.6m - 3.6m - 3.3m - 1.8m	35	255		
	3+679	3+770	2.4 m - 3.6m - 3.6m - 5.1m	35	48		
	3+770	3+795	2.1m - 3.6m - 3.6m - 4.8m	35	13		
	3+795	4+142	2.1m - 3.6m - 3.6m - 4.8m	35	176		
	4+142	4+147	2.1m - 3.6m - 3.6m - 2.1m	35	2		
	4+147	6+333	2.1m - 3.6m - 3.6m - 2.1m	35	897		
	6+333	6+413	2.1m - 3.6m - 3.6m - 3.3m - 1.5m	35	37		
	6+413	7+857	2.1m - 3.6m - 3.6m - 3.3m - 1.5m	35	733		
	7+857	7+947	2.1m - 3.6m - 3.6m - 2.1m	35	41		
	7+947	8+603	2.1m - 3.6m - 3.6m - 2.1m	35	269		
BENNINGTON U.S. ROUTE 7	8+603	8+621	0.6m - 3.3m - 3.3m - 0.6m	35	6		
	8+621	10+498	0.6m - 3.3m - 3.3m - 0.6m	35	527		
	10+498	10+589	1.5m - 3.3m - 3.6m - 3.3m - 2.1m	35	35		
	10+589	11+143	1.5m - 3.3m - 3.6m - 3.3m - 2.1m	35	275		
	11+143	11+262	1.2m - 3.6m - 3.6m - 2.1m	35	52		
	11+262	11+655	0.6m - 3.3m - 3.3m - 0.6m	35	130		
	11+655	12+854.94	0.6m - 3.3m - 3.3m - 0.6m	35	337		
	0+000.00	3+470.15	0.6m - 3.3m - 3.3m - 0.6m	35	975		
	VERMONT ROUTE 346	10+120	10+216	VARIES -- SEE PLAN SHEETS	35	52	LEVEL (15 mm, TYPE IV), OVERLAY (35 mm, TYPE IV)

RURAL AREAS - SEED MIXTURE

% WT	kg/ha	NAME	PUR %	GERM %
37.1	26.0	CREeping RED FESCUE	98	85
37.1	26.0	TALL FESCUE	95	90
5.7	4.0	RED TOP	95	90
14.4	10.0	BIRDSFOOT TREFOL	98	85
5.7	4.0	ANNUAL RYE GRASS	95	85
100.0	90.0			

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

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

FERTILIZER:
FORMULA 10-20-10, TO BE USED WITH SEED, APPLIED AT THE RATE OF 560 kg/ha. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA)

AGRICULTURAL LIMESTONE:
TO BE APPLIED AT THE RATE OF 4500kg/ha, OR AS DIRECTED BY THE ENGINEER.

HAY MULCH:
TO BE PLACED ON EARTH SLOPES AT THE RATE OF 4500kg/ha, OR AS DIRECTED BY THE ENGINEER.

TOPSOIL:
TO BE USED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.

MARKER POSTS:
TO BE PLACED AT PIPE INLETS AND OUTLETS ONLY FOR DELINEATION.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED

PROJECT TYPICAL SHEET	PROJECT: POWNA-BENNINGTON	PROJECT NO.: NH 2118(I)S
	DESIGN FILE NAME: /pave/98bl68/pbl68.dgn	PLOT DATE: 17-JAN-2006 14
	IPARM FILE NAME: pbl68+y01.1 SURVEYED BY: ACT, SJL, RAL SQUAD LEADER: JAV	SURVEY DATE: DRAWN BY: ACT SHEET: 2 OF 65