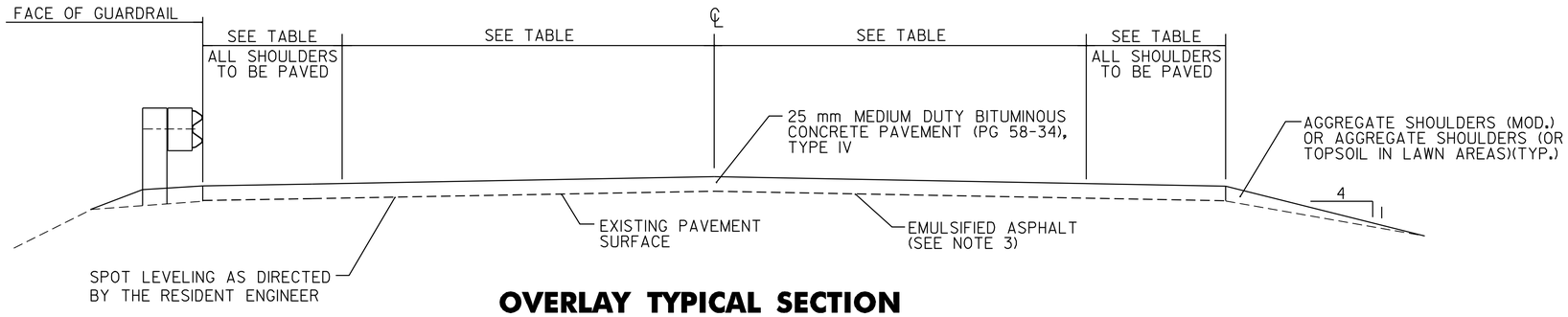

OVERLAY TYPICAL SECTION

VT. ROUTE 313 ARLINGTON STA. 10+795.480 TO SUNDERLAND STA. 1+149.072

PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING †	NOTES
ARLINGTON:						
VT. ROUTE 313	10+795.480	11+474.000	3.0 m - 3.6 m - 3.6 m - 3.0 m	25 mm	161	SPOT LEVEL WITH TYPE IV AND PAVE WITH 25 mm TYPE IV
VT. ROUTE 313	11+474.000	11+760.000	VARIES SEE LAYOUT	25 mm	78	SPOT LEVEL WITH TYPE IV AND PAVE WITH 25 mm TYPE IV
VT. ROUTE 313	11+760.000	12+723.474	3.0 m - 3.6 m - 3.6 m - 3.0 m	25 mm	229	SPOT LEVEL WITH TYPE IV AND PAVE WITH 25 mm TYPE IV
SUNDERLAND:						
VT. ROUTE 313	0+000.000	0+645.000	3.0 m - 3.6 m - 3.6 m - 3.0 m	25 mm	153	SPOT LEVEL WITH TYPE IV AND PAVE WITH 25 mm TYPE IV
VT. ROUTE 313	0+645.000	1+149.072	VARIES SEE LAYOUT	25 mm	128	SPOT LEVEL WITH TYPE IV AND PAVE WITH 25 mm TYPE IV

DATUM
VERTICAL N/A
HORIZONTAL N/A

NOTES

1. THE WEARING COURSE SHALL BE TYPE IV MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT. THE LEVELING COURSE SHALL BE TYPE IV UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. ALL ASPHALT CEMENT USED IN THE BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 58-34.
2. EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER SHALL BE EXCAVATED TO A DEPTH OF 75 mm OR AS DIRECTED BY THE RESIDENT ENGINEER. EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT 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).
3. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, ON ALL COLD PLANED SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT THE RATE OF 0.12 L/m^2 OR AS DIRECTED BY THE RESIDENT ENGINEER.
4. BITUMINOUS CONCRETE PAVEMENT TOLERANCE = ±5 mm (TOTAL PAVEMENT THICKNESS EXCLUDING LEVELING).
5. DITCHING MATERIAL SHALL BE USED FOR THE CONSTRUCTION OF END SECTIONS WHICH SHALL BE CAPPED WITH AND ESTIMATED 75 mm DEPTH OF AGGREGATE SHOULDER MATERIAL UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. THE QUANTITIES INCLUDED REFLECT 20 m^3 OF DITCHING MATERIAL AND 5 TONS OF AGGREGATE SHOULDER MATERIAL FOR EACH GUARDRAIL TERMINAL.
6. 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 RESIDENT ENGINEER. PAYMENT FOR THIS WORK WILL NOT BE MADE DIRECTLY, BUT WILL BE CONSIDERED SUBSIDIARY TO ITEM 406.27 MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT (PG 58-34).
7. 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 SIDEROAD APPROACHES AND AROUND DRAINAGE/UTILITY STRUCTURES) SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR ITEM 406.27 MEDIUM DUTY BTUMINOUS CONCRETE PAVEMENT (PG 58-34).
8. ITEM 203.99 SHOULDER BERM REMOVAL HAS BEEN ADDED TO REMOVE EXCESS GRANULAR MATERIAL LOCATED AT EXISTING GUARDRAIL TO REMAIN TO ALLOW THE SHOULDER TO DRAIN (100% OF TOTAL LENGTH OF RETAINED RAIL).
9. ALL EDGES OF PAVEMENT SHALL BE BACKED UP TO FULL HEIGHT WITH COLD PLANE GRINDINGS AS DIRECTED BY THE RESIDENT ENGINEER AND WILL BE PAID FOR UNDER ITEM 402.12 AGGREGATE SHOULDERS (MOD.). ADDITIONAL MATERIAL REQUIRED AFTER THE COLD PLANE GRINDINGS ARE USED WILL BE PAID FOR UNDER ITEM 402.12 AGGREGATE SHOULDERS.
10. TREATED TIMBER CURB SHALL BE BACKED-UP TO FULL HEIGHT WITH ITEM 402.12 AGGREGATE SHOULDER MATERIAL AS DIRECTED BY THE RESIDENT ENGINEER. AN ESTIMATED QUATITY OF AGGREGATE SHOULDER MATERIAL HAS BEEN INCLUDED IN THE PLANS.
11. SPOT LEVELING HAS BEEN ESTIMATED AT 50% OF THE ENTIRE AREA OF PAVEMENT AND SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER.
12. DRAINAGE STRUCTURES LOCATED IN THE DITCH (SUCH A DROP INLETS AND CULVERT PIPE OPENINGS) SHALL BE MARKED WITH A NEW YIELDING MARKER POST AS DIRECTED BY THE RESIDENT ENGINEER AND WILL BE PAID FOR UNDER ITEM 619.17 YIELDING MARKER POSTS.

CONSERVATION SEED MIX

RURAL AREA - SEED MIXTURE

% WT.	kg/ha.	NAME	PUR.%	GERM.%
37.14	26.0	CREEPING RED FESCUE	98	85
37.14	26.0	TALL FESCUE	95	90
5.71	4.0	RED TOP	95	90
14.30	10.0	BIRDSFOOT TREFOIL	98	85
5.71	4.0	ANNUAL RYEGRASS	95	85
100.0	70.0			

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 DIRECTED BY THE RESIDENT 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 4500 kg/ha OR AS DIRECTED BY THE RESIDENT ENGINEER.

HAY MULCH:
TO BE APPLIED ON EARTH SLOPES AT THE RATE OF 4500 kg/ha, 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 # 1

SURVEYED BY N/A DATE N/A
DRAWN BY C.A.K. DATE 2/01
SQUAD LEADER T.P.K.
DESIGN FILE NO. /pave/99b198/pb198.dgn
IPARM FILE pb198typl.i DATE PLOTTED 7-APR-2007 10:4
PROJ. NAME ARLINGTON - SUNDERLAND
PROJ. NO. STP 2223(I)S
SHEET 2 OF 16 SHEETS