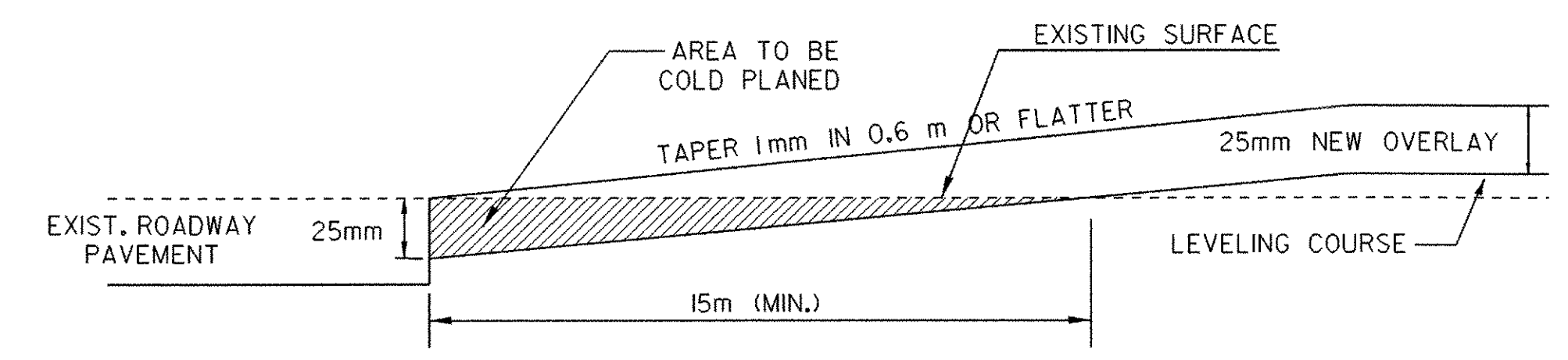
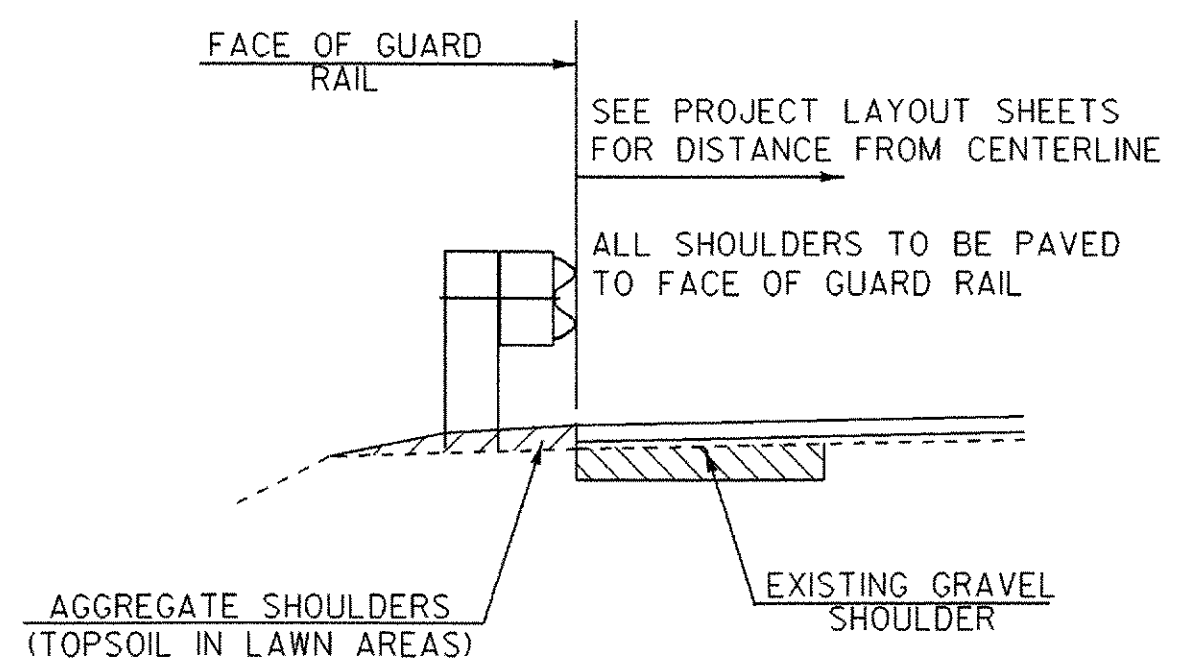


**OVERLAY TYPICAL SECTION
MAIDSTONE
STA 0+000 TO 0+930.0**

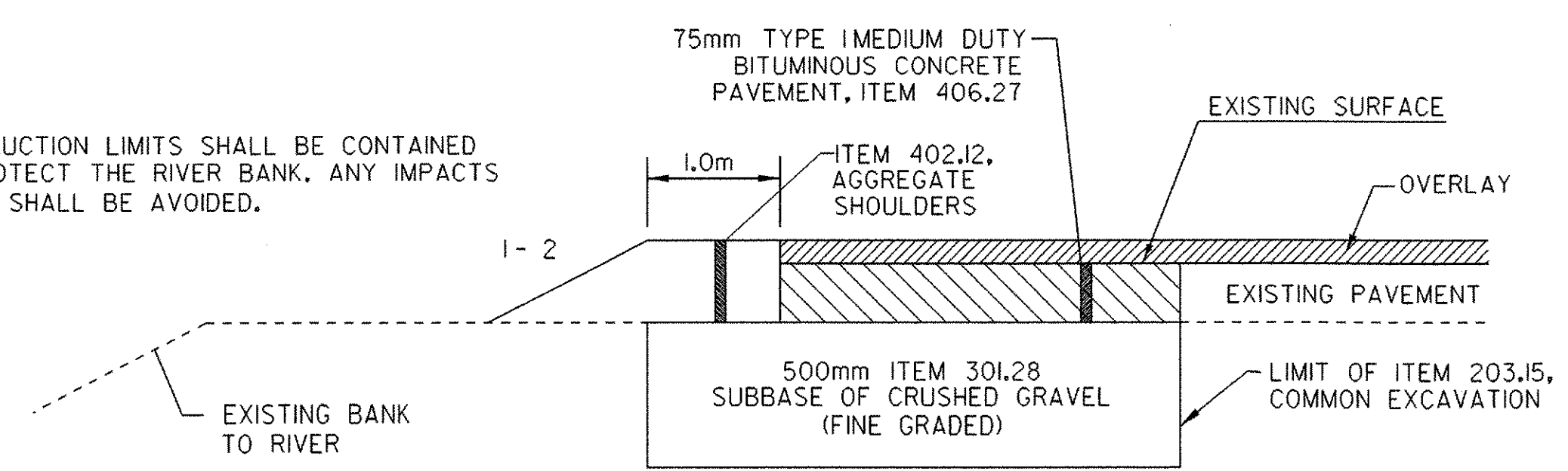


**-APPROACH AREA DETAIL-
MAIDSTONE
STA 0+004 TO 0+019 (BEGIN PROJECT)**



**- TYPICAL SECTION AT GUARD RAIL -
(@ EXISTING GRAVEL SHOULDER)**

NOTE: CONSTRUCTION LIMITS SHALL BE CONTAINED SO AS TO PROTECT THE RIVER BANK. ANY IMPACTS TO THE RIVER SHALL BE AVOIDED.



**ROAD SECTION AT REPAIR AREAS
MAIDSTONE
STA 0+417 TO 0+461 (APPROXIMATELY)**

- NOTES**
- THE PAVEMENT WEARING COURSE SHALL BE TYPE IV. THE LEVELING COURSE SHALL BE TYPE IV UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. LEVELING HAS BEEN INCLUDED TO RESHAPE THE ROADWAY PRIOR TO PAVING THE TOP COURSE. AN ESTIMATED THICKNESS OF 25 mm OF ITEM 406.27 HAS BEEN INCLUDED TO COVER THIS PROVISION. ALL ASPHALT CEMENT USED IN THE BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 58-34.
 - EMULSIFIED ASPHALT SHALL BE APPLIED ON EXISTING PAVEMENT SURFACES, BETWEEN ALL COURSES OF PAVEMENT AND ON ALL COLD PLANED SURFACES AT THE RATE OF 0.12 L/S/M OR AS DIRECTED BY THE RESIDENT ENGINEER.
 - BITUMINOUS CONCRETE PAVEMENT TOLERANCE = +/- 5 mm (TOTAL THICKNESS EXCLUDING LEVELING).
 - EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER WILL BE EXCAVATED TO A DEPTH OF 75 mm +/- OR AS DIRECTED BY THE ENGINEER. EXCAVATED MATERIAL WILL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT, AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID FOR USING THE APPROPRIATE RENTAL ITEMS SUCH AS ALL PURPOSE EXCAVATOR RENTAL, GRADER RENTAL, LOADER RENTAL, TRUCK RENTAL, AND POWER BROOM RENTAL. THE METHOD OF REMOVAL AND THE USE OF RENTAL ITEMS SHALL BE APPROVED BY THE ENGINEER PRIOR TO ANY WORK BEING DONE. MATERIAL REMOVED SHALL BE REPLACED WITH SUBBASE OF CRUSHED GRAVEL (FINE GRADED).
 - ONE METER OF BACKING IS REQUIRED BEHIND THE FACE OF GUARD RAIL WITH 1.8m POSTS. IF THIS CANNOT BE OBTAINED THEN 2.4m POSTS SHALL BE USED.
 - COLD PLANING TO BE COMPLETED ACCORDING TO THE TYPICAL OR AS NOTED OTHERWISE ON THE PLANS. A FULL DEPTH BUTT JOINT SHALL BE CONSTRUCTED AT THE PROJECT BEGIN/END AS DENOTED ON THE PROJECT PLANS OR AS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER.
 - PIPE INLET AND OUTLET AREAS, AND DITCH CLEANING THROUGH THE PROJECT, SHALL BE PERFORMED AT LOCATIONS AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT WILL BE UNDER THE APPLICABLE EQUIPMENT RENTAL ITEMS. AN ESTIMATED QUANTITY OF 450 mm CPEP HAS ALSO BEEN INCLUDED IN THE PROJECT QUANTITIES, THE INSTALLATION OF WHICH SHALL BE PERFORMED AT LOCATIONS DETERMINED BY THE ENGINEER.
 - ALL EDGES OF PAVEMENT SHALL BE BACKED UP FULL HEIGHT WITH ITEM 402.12, AGGREGATE SHOULDERS, AS DIRECTED BY THE RESIDENT ENGINEER.
 - ALL DRIVES 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 ITEMS. 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. QUANTITIES OF THE ABOVE ITEMS HAVE BEEN INCLUDED TO PAY FOR THIS WORK.
 - ESTIMATED QUANTITIES OF ITEM 608.25, EXCAVATOR RENTAL AND 608.37, TRUCK RENTAL HAVE BEEN INCLUDED FOR THE PROVISION OF CONSTRUCTING GUARD RAIL FLARES WITH EXCAVATED DITCHING MATERIAL. THE GUARD RAIL FLARES SHALL BE CAPPED WITH AN ESTIMATED 75mm DEPTH OF AGGREGATE SHOULDER MATERIAL UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. THE QUANTITIES INCLUDED REFLECT 5 TONS OF AGGREGATE SHOULDER MATERIAL AND 20 CUBIC METERS OF DITCHING MATERIAL FOR EACH GUARD RAIL TERMINAL.
 - 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 MADE DIRECTLY, BUT WILL BE CONSIDERED SUBSIDIARY TO ITEM 406.27, MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT.
 - COMPACTION, GRADING, AND CLEAN UP OF ITEM 301.28, SUBBASE OF CRUSHED GRAVEL, ITEM 402.12, AGGREGATE SHOULDER MATERIAL, AND ITEM 651.35, TOPSOIL, IS TO BE INCLUDED IN THE CONTRACT UNIT PRICE OF EACH ITEM.

**CONSERVATION SEED MIX
RURAL AREA - SEED MIXTURE**

% WT.	kg/HECTARE	NAME	PUR%	GERM%
38.0	25	CREEPING RED FESCUE	98	85
38.0	25	TALL FESCUE	95	90
4.5	3	RED TOP	95	90
15.0	10	BIRDSFOOT TREFLOIL	98	85
4.5	3	ANNUAL RYEGRASS	95	85
100.0	66			

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/HECTARE. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA)

AGRICULTURAL LIMESTONE:
TO BE APPLIED AT THE RATE OF 4.5 TONS/HECTARE, OR AS DIRECTED BY THE ENGINEER.

HAY MULCH:
TO BE PLACED ON EARTH SLOPES AT THE RATE OF 4.5 TONS/HECTARE, 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 AS INDICATED OR AS DIRECTED BY THE ENGINEER.

NEW POSTS WILL BE A DELINEATOR POST WITHOUT THE REFLECTOR UNIT.

PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING TONS	NOTES
MAIDSTONE - MAIDSTONE STATE HIGHWAY	0+000	0+930	0.3m-3.0m-3.0m-0.3m	25mm	370	LEVEL & PAVE w/25mm TYPE IV.

PROJECT TYPICAL SHEET

DESIGNED BY BCE/PJM DATE 10-01
 DRAWN BY C.E.A., INC. DATE 10-01
 DESIGN FILE NO. /pave/00c050/pc050.dgn
 PRF FILE pc050.tyl DATE PLOTTED 18-AUG-2003
 PROJ. NAME **MAIDSTONE**
 PROJ. NO. **STP 2134(1)S**
 SHEET **6** OF **65** SHEETS

