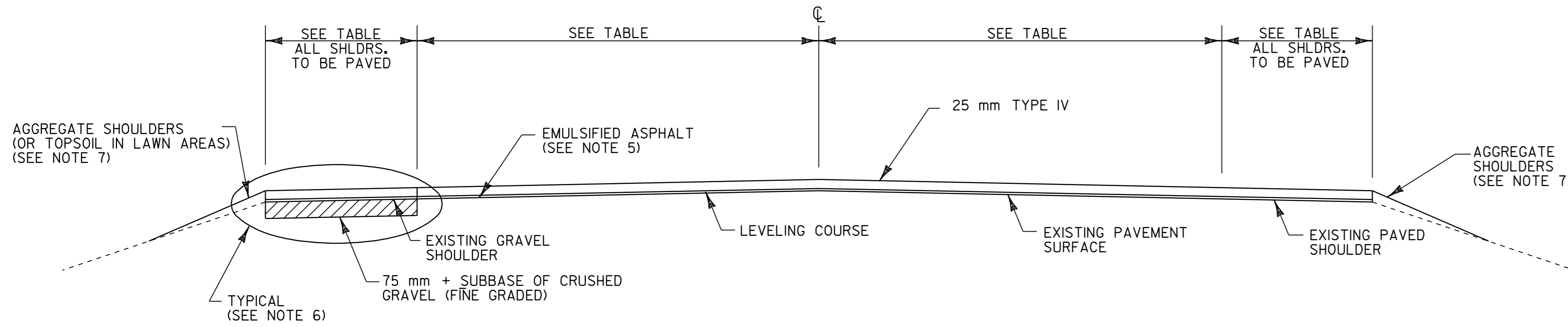


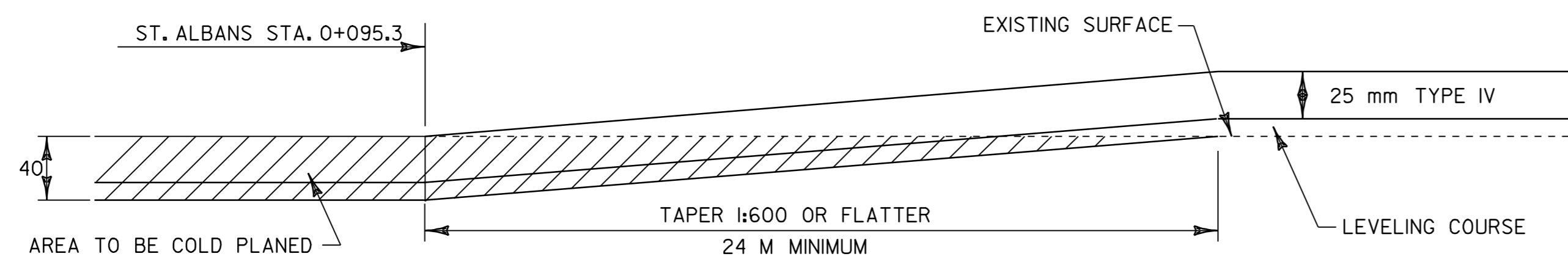
**COLD PLANE SECTION WITH MEDIAN ISLAND**

ST. ALBANS CITY STA. 0+008.05 TO ST. ALBANS STA. 0+095.3



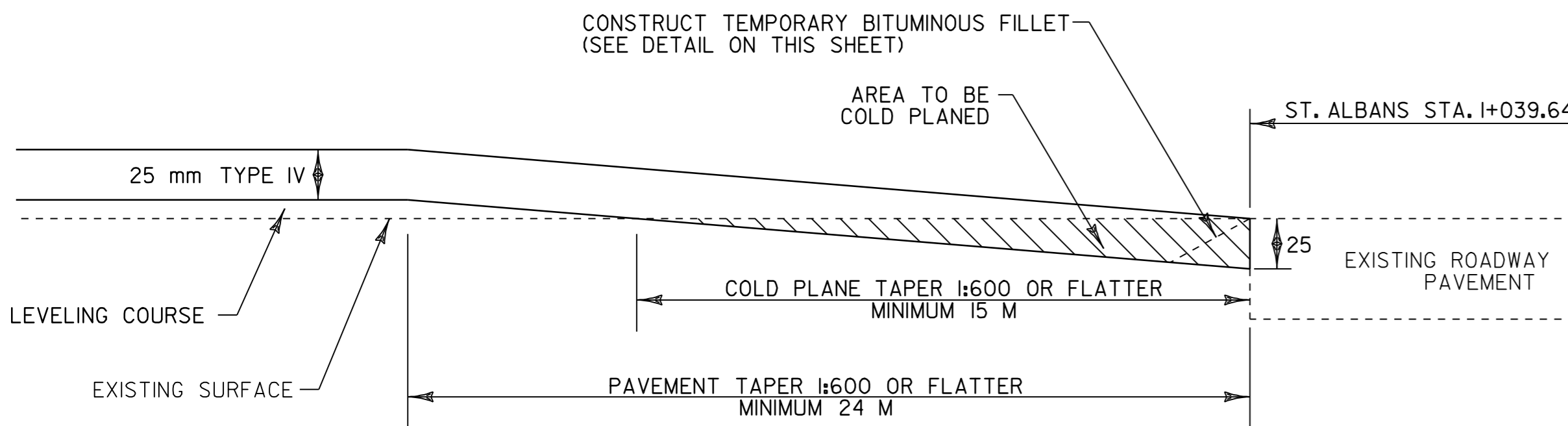
**OVERLAY TYPICAL SECTION - ROADWAY**

ST. ALBANS STA. 0+095.3 TO 1+039.6



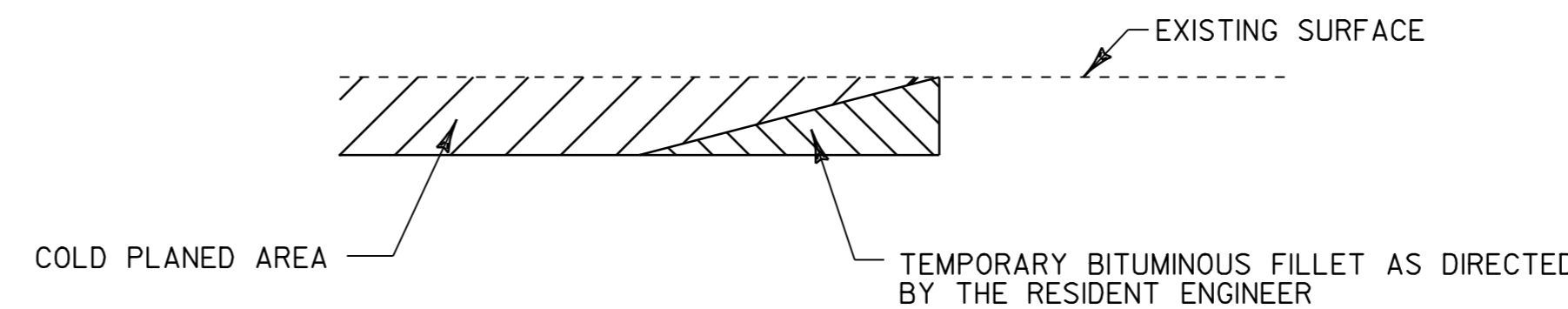
**TRANSITION AREA DETAIL  
FULL ROADWAY WIDTH**

(COLD PLANE, LEVEL AND OVERLAY TO LEVEL AND OVERLAY)  
ST. ALBANS STA. 0+095.3 TO 0+119.3



**APPROACH AREA DETAIL  
(END LEVELING AND OVERLAY)  
FULL ROADWAY WIDTH**

ST. ALBANS STA. 1+015.64 TO 1+039.64



**DETAIL AT VERTICAL COLD PLANE JOINTS**

**NOTES**

1. THE PAVEMENT WEARING COURSE AND LEVELING COURSE ON THE ROADWAY SHALL BE TYPE IV, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE TYPE IV LEVELING COURSE QUANTITY IS ESTIMATED AT 15 mm. ALL ASPHALT CEMENT USED IN THE BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 58-34.
2. BITUMINOUS CONCRETE PAVEMENT TOLERANCE = ± 5 mm. (TOTAL THICKNESS EXCLUDING LEVELING)
3. 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 406.25 BITUMINOUS CONCRETE PAVEMENT.
4. THE COLD PLANING AND PAVING SHALL MATCH THE EXISTING CONDITIONS AT THE BEGINNING OF THE PROJECT BY THE USE OF A VERTICAL BUTT JOINT AS DETAILED ON THIS SHEET.
5. EMULSIFIED ASPHALT TO BE APPLIED ON EXISTING PAVEMENT, BETWEEN ALL COURSES OF PAVEMENT AND ON COLD PLANED SURFACES, AT THE RATE OF 0.12 L/m<sup>2</sup> OR AS DIRECTED BY THE ENGINEER.
6. EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER, SHALL BE EXCAVATED TO A DEPTH OF 75 mm 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) OR COLD PLANE GRINDINGS, ITEM 402.12 (MOD.) AS DIRECTED BY THE RESIDENT ENGINEER.  
EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM PROJECT, AS DIRECTED BY THE ENGINEER.
7. COLD PLANE GRINDINGS SHALL BE USED INSTEAD OF AGGREGATE SHOULDERS TO BACK UP THE NEW PAVEMENT OVERLAY AS DIRECTED BY THE RESIDENT ENGINEER. THIS WILL BE PAID UNDER ITEM 402.12 (MOD.)

**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	70.0			

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 4500 KG/HA, OR AS DIRECTED BY THE ENGINEER.

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

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

**PROJECT PAVING LIMITS**

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING TONS	NOTES
ST. ALBANS CITY, ST. ALBANS S.H.	0+008.05	0+094.95	VARIES - SEE LAYOUTS	25 mm	53	COLD PLANE 40 mm, LEVEL WITH TYPE IV, THEN OVERLAY WITH 25 mm TYPE IV
ST. ALBANS, ST. ALBANS S.H.	0+000.00	0+095.3	VARIES - SEE LAYOUTS	25 mm	51	COLD PLANE 40 mm, LEVEL WITH TYPE IV, THEN OVERLAY WITH 25 mm TYPE IV
ST. ALBANS, ST. ALBANS S.H.	0+095.3	1+039.64	VARIES - SEE LAYOUTS	25 mm	476	LEVEL WITH TYPE IV, THEN OVERLAY WITH 25 mm TYPE IV

NOTE: 1) ALL DIMENSIONS IN MILLIMETERS EXCEPT WHERE OTHERWISE INDICATED.

**PROJECT TYPICALS & PAVING LIMITS**

PROJECT NAME:	ST. ALBANS CITY - ST. ALBANS
PROJECT NUMBER:	STP 2204(I)S
FILE NAME:	/pave/99b160/pbi60.dgn
PROJECT LEADER:	JLL
DESIGNED BY:	D-H
IPARM FILE NAME:	pbi60+yp.i
PLOT DATE:	01-FEB-2006 07:5
DRAWN BY:	D-H
CHECKED BY:	
SHEET	91 OF 105