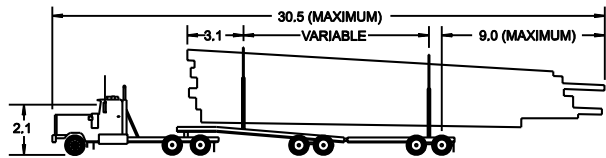
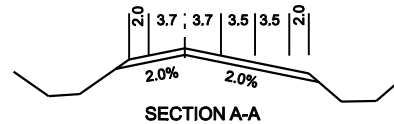


TYPE "L" DESIGN: FOR LOG HAUL ROUTES WITH 20 YEAR AADT < 3000



TANDEM-JEEP/POLE-TRAILER LOG HAUL TRUCK

- NOTES:
1. THIS SAFETY REST AREA IS INTENDED FOR USE BY LOG HAUL TRUCKS AND OTHER VEHICLES TRAVELLING IN ONE DIRECTION ONLY. THE DESIGN VEHICLE IS REPRESENTED BY THE ALBERTA LOG HAUL TRUCK AS DESCRIBED IN SECTION D.5 OF THIS GUIDE. THE MAXIMUM ALLOWABLE WIDTH (FROM BUNK TO BUNK) IS 3.2 M.
 2. IN CASES WHERE TYPE L(ii) DESIGN IS USED, THE LENGTH OF THE ACCELERATION LANE MAY BE ADJUSTED ACCORDING TO THE GRADE.
 3. THE ACCELERATION CHARACTERISTICS OF THE TYPICAL LOG HAUL TRUCK CAN BE ESTIMATED FROM FIGURE 1.
 4. THE DESIRABLE MINIMUM MERGE SPEED AT THE END OF THE ACCELERATION LANE IS 60 KM/H. HOWEVER, MERGE SPEED OF 60 KM/H IS CONSIDERED ADEQUATE FOR THIS TYPE OF SAFETY REST AREA.
 5. THE LENGTH OF THE PARALLEL ACCELERATION LANE SHOULD NOT EXCEED 600 M FOR PRACTICAL REASONS.
 6. IDEALLY, TRUCK SAFETY REST AREAS SHOULD BE LOCATED NEAR THE TOP OF SMOOTH CREST CURVES PROVIDED THAT SIGHT DISTANCE RESTRICTIONS DO NOT EXIST. THIS WILL AID THE DECELERATION AND ACCELERATION OF TRUCKS USING THE FACILITY AND MAY ALLOW THE DESIGNER TO REDUCE THE LENGTH OF THE PARALLEL LANE. THE IDEAL LOCATION OF A TRUCK SAFETY REST AREA WOULD PROVIDE DECISION SIGHT DISTANCE AT THE BEGINNING OF TAPER AND NOT BE IN CLOSE PROXIMITY TO A HORIZONTAL CURVE.
 7. CHEMICAL TOILET SHOULD BE PROVIDED. CHEMICAL TOILET SHOULD BE LOCATED BEYOND CLEAR ZONE. REFER TO TABLE C5.2A.

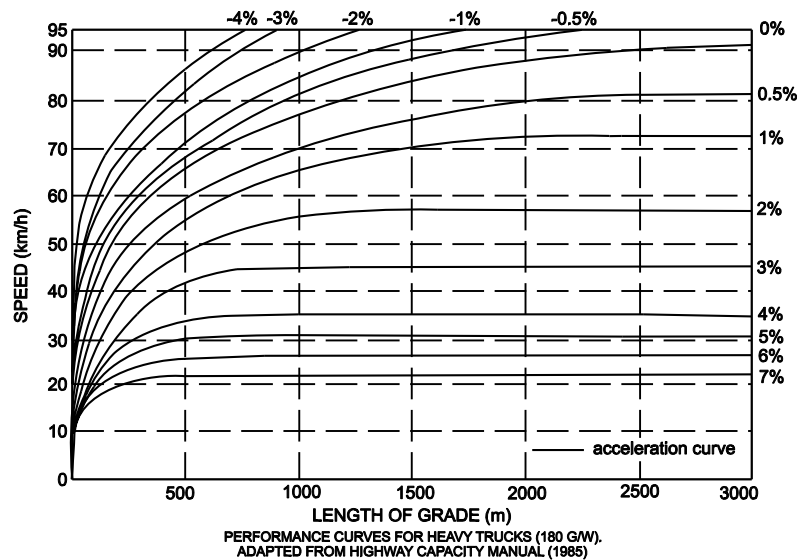


FIGURE 1

PROPOSED LIGHTING

No.	REVISIONS	BY	DATE

Alberta
Infrastructure and
Transportation

FIGURE
F-2.3.3

Date: MARCH 2007

TYPICAL SAFETY REST AREA
ON TWO LANE HIGHWAYS
FOR LOG HAUL ROUTES
20 YEAR AADT < 3000

Prepared By: RS	Checked By: WmK	Scale: N.T.S.	Page F-41
-----------------	-----------------	---------------	-----------