GENERAL NOTES

These notes are for Standard Drawings 610-PRAP-10 and 610-PRAP-12.

1. Standard Drawings 610-PRAP-10 and -12 are for intersection control angle 70° to 110° .
   If intersection control angle is less than 70° or greater than 110° a special design will be required.

2. Embankment slopes built on either side of the approach within the mainline clear zone shall be based on the functional classification of the public road as shown on Standard Drawing 610-PRAP-08.

3. Cross culverts under the public road approach which cannot be located outside the mainline clear zone will require an appropriate end section at each end.

4. The tapered transitions from the new approach to the existing pavement shall be aggregate for existing aggregate pavements. If the existing pavement is asphalt the transition area shall be the same section as the approach and will be included in the pay limits for HMA for Approaches.

5. The cross hatched shoulder area indicates the limits where the shoulder is the same as the approach pavement.

6. If the approach is to be constructed of concrete, the details shall be as shown elsewhere in the plans for pavement thickness, joint type, and location.

7. If the truck count for class V or above for the public road approach is greater than 50 per day, the required pavement section shall be as provided elsewhere in the plans

8. The pavement section for the turn lane shall be as shown elsewhere in the plans.

TABLE A

MINIMUM LENGTH OF TURNING LANES (excluding taper) , m

Design speed km/h	Downgrade slope in %					Upgrade slope in %				
	6 to 5	4.99 to 4	3.99 to 3	2.99 to 2.01	2 to 0	0 to 2	2.01 to 2.99	3 to 3.99	4 to 4.99	5 to 6
60	130	125	115	105	95	95	90	85	80	75
80	185	175	165	150	135	135	130	120	115	110
100	225	215	200	185	165	165	160	150	140	135
110	250	240	225	205	185	185	180	170	160	150

All dimensions are in mm unless otherwise specified.

INDIANA DEPARTMENT OF TRANSPORTATION

PUBLIC ROAD APPROACH TYPE D
GENERAL NOTES AND TABLE A

MARCH 2002

STANDARD DRAWING NO. **610-PRAP-11**

RICHARD L. VanCLEAVE REGISTERED No. 9750 STATE OF INDIANA PROFESSIONAL ENGINEER

DESIGN STANDARDS ENGINEER

/s/ Richard L. VanCleave 3-01-02
DESIGN STANDARDS ENGINEER DATE

/s/ Richard K. Smutzer 3-01-02
CHIEF HIGHWAY ENGINEER DATE