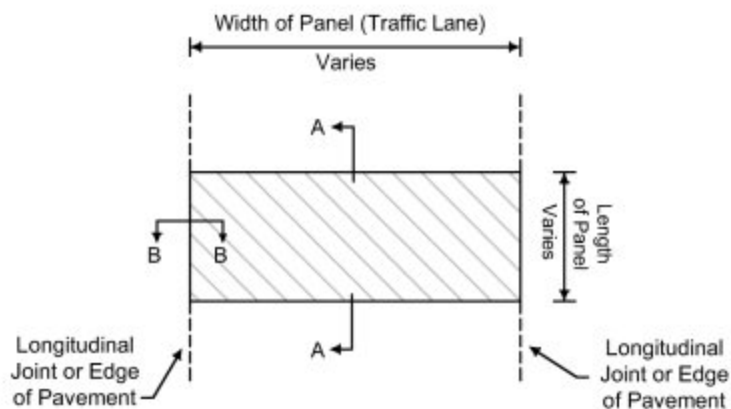


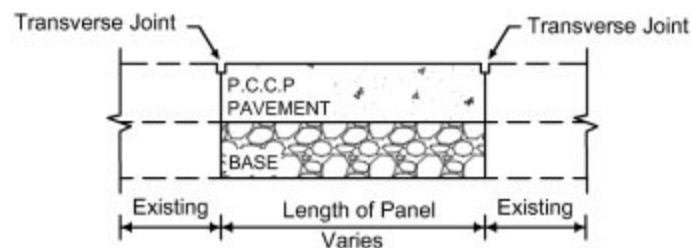
CONCRETE PAVEMENT

Plan View

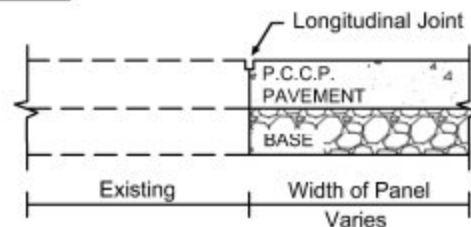


CONCRETE PAVEMENT REQUIREMENTS		
TYPE	MATERIAL	THICKNESS
PAVEMENT - RESIDENTIAL	P.C.C.P. (3500 psi)	6" MIN.
PAVEMENT - COMMERCIAL	P.C.C.P. (3500 psi)	10" MIN.
BASE	#53 Crushed Stone Mechanically Compacted	6" MIN.

Section A-A



Section B-B



GENERAL NOTES

1. Concrete shall be 3500 psi.
2. Match the existing pavement thickness if it is greater than the required minimum.
3. The limits of a concrete pavement patch for residential streets shall be extended to that of a full panel.
4. Saw cut the full depth of the panel for patches.
5. Concrete shall not be placed on frozen subgrade or subbase.
6. Castings located in the roadway shall be flush with the pavement and follow the cross slope and grade of the road. See Detail CA-1 for casting adjustment details.
7. Transverse D-1 contraction joints shall not exceed a spacing of 18' and / or shall line up with the existing transverse joint pattern.
8. Longitudinal joints shall be added if the panel is wider than 12' and / or shall line up with the existing longitudinal joint pattern.
9. Longitudinal and transverse construction joints shall be sealed. See Detail CP-3 for joint seal options.
10. See Detail CP-2 for dowel and tie bar placement for concrete pavement patches.
11. Dowel bars and tie bars shall be doweled into existing pavement with an approved epoxy.
12. Subgrade shall be proofrolled before base is placed. Contact the City Engineer's office to schedule.
13. Surface restoration, including pavement markings, shall match existing unless otherwise approved by the Engineer.
14. Traffic control shall conform to and be in accordance with the Indiana Manual of Uniform Traffic Control Devices.



DETAIL CP-1 CONCRETE PAVEMENT

NO SCALE

REVISION DATE: Draft -Updated 5-2-18

REFERENCE

1. See Detail CP-2 for Concrete Pavement Patch - Dowel / Tie Bars
2. See Detail CP-3 for Concrete Pavement - Joint Seals
3. See Section ??? - Concrete Pavement Specifications