



1. FOR WIDENING EXISTING CONCRETE PAVEMENT WHERE JOINT DOWEL HOOK BOLTS HAVE PREVIOUSLY BEEN PROVIDED, JOINT SHALL BE CONSTRUCTED ACCORDING TO THIS DETAIL. EXCEPT THAT THE "FIRST HALF" OF THE JOINT DOWEL HOOK BOLT HAD PREVIOUSLY BEEN PROVIDED. THE PLASTIC OR NEOPRENE PLUG SHALL BE REMOVED, THE THREADS OF THE EXISTING COUPLING RETAPPED AS NECESSARY, AND THE "SECOND HALF" OF THE JOINT DOWEL HOOK BOLT SHALL BE PROVIDED AND INSTALLED.
2. FOR WIDENING EXISTING CONCRETE PAVEMENT WHERE JOINT DOWEL HOOK BOLTS HAVE NOT PREVIOUSLY BEEN PROVIDED, HOOK BOLTS SHALL BE INSTALLED AT 40" C. TO C. HOOK BOLTS SHALL BE 5/8" DIAMETER, 8" LONG WITH A 2" HOOK, THREADED TO FIT THE ANCHOR. THE ANCHOR SHALL BE PHILLIPS DRILL CO. "RED HEAD" SELF DRILLING ROD HANGER OR APPROVED EQUAL.
3. WHERE THE "SECOND POUR" IS NOT BEING CONSTRUCTED, AND WHEN CALLED FOR ON THE PLANS JOINT SHALL BE CONSTRUCTED ACCORDING TO THIS DETAIL, EXCEPT THAT THE "SECOND POUR" AND THE HOOK BOLT COUPLING SHALL BE FILLED WITH S.A.E. 40 VISCOSITY PETROLEUM BASED OIL AND PLUGGED WITH A PLASTIC OR NEOPRENE PLUG. THE PLUG SHALL BE OF PROPER DIMENSION TO COMPLETELY SEAL THE HOLE AND SHALL NOT PROJECT MORE THAN 3/8" AFTER INSERTING.
4. HOOK BOLTS SHALL BE SPACED AT 40" C. TO C. AND PLACED AT RIGHT ANGLES TO THE PAVEMENT JOINT.
5. ALL THREADS SHALL BE 9/16" N.C. UNLESS OTHERWISE SPECIFIED.

P		P			
O		O			
N		N			
M		M			
L		L			
K		K			
J		J			
I		I			
H		H			
G		G			
F		F			
E		E			
D		D			
C		C			
B		B			
A		A			
DESCRIPTION		DRW	CHK	DATE	
REVISIONS					

**CITY OF SOUTHFIELD
STANDARD DETAIL**

LONGITUDINAL CONST. JOINT
JOINT DOWEL HOOK BOLT

ISSUE: 2000	SD#: P - 4
SHEET:	SCALE: N.T.S.

