



**STEPS 2, 3, 4 & 5**

- STEP 1 COVER EXISTING MANHOLE WITH BUILDING PAPER AND CONSTRUCT NEW HMA OVER TOP OF MANHOLE.
- STEP 2 SAW CUT AND REMOVE PAVEMENT AROUND MANHOLE 12" MIN. FROM MANHOLE FRAME.
- STEP 3 RAISE MANHOLE FRAME AND COVER USING CONCRETE RINGS AND/OR APPROVED MECHANICAL ADJUSTMENT DEVICES TO FINISH GRADE MATCHING PROFILE AND CROSS SLOPE.
- STEP 4 BACKFILL WITH CLASS 3000 CONCRETE AND PROTECT FROM TRAFFIC UNTIL CONCRETE HAS CURED TO ALLOW HMA PATCHING WITHOUT DAMAGE TO CONCRETE. PAVE WITH HMA.
- STEP 5 APPLY SAND SEAL ON SURFACE AND SURFACE JOINT.

N.T.S.



**CITY OF KELSO**  
DEPARTMENT OF  
COMMUNITY DEVELOPMENT  
& ENGINEERING

**MANHOLE ADJUSTMENT**

**CITY ENGINEER APPROVAL: Michael Kardas, P.E.**

x. *[Signature]*

STANDARD PLAN NO.  
**KSS-010-21**

DATE:  
**MAY 2021**