



TYPICAL TRENCH SECTION

ROADWAY CLASSIFICATION	MIN. PAVEMENT PATCH THICKNESS
ARTERIAL	9 IN.
COLLECTOR	7 IN.
LOCAL	5 IN.

NOTES:

1. ALL PUBLIC STREET CUTS SHALL BE BACKFILLED WITH CLSM UNLESS THE TRENCH IS WIDE ENOUGH FOR A FULL-SIZED, SELF-PROPELLED COMPACTOR TO DRIVE THROUGH.
2. PAVEMENT PATCH THICKNESS SHALL NOT BE LESS THAN THE EXISTING SECTION.
3. SAW CUT AND REMOVE PAVEMENT AND BASE A MINIMUM OF 2' BACK FROM EXCAVATION ZONE OR LIMITS OF UNDISTURBED SUB-BASE, WHICHEVER IS GREATER.
4. ROTOMILL ASPHALT (2" DEPTH MINIMUM) A MINIMUM OF 1' BEYOND THE FULL DEPTH SAW CUT AND REMOVAL.
5. INSTALL 8 INCHES OF CDOT CLASS 6 ROAD BASE OR RECYCLED ASPHALT, COMPACTED IN PLACE TO MINIMUM 95% MODIFIED PROCTOR MAXIMUM DENSITY (ASTM D 1557).
6. INSTALL AND PROPERLY COMPACT REQUIRED DEPTH OF BASE COURSE ASPHALTIC CONCRETE (CDOT GRADING S).
7. INSTALL REINFORCEMENT MAT (TENSAR GLASGRID 8511, OR APPROVED EQUAL) PER MANUFACTURERS RECOMMENDATIONS. (MINIMUM 5 FOOT WIDTH)
8. INSTALL AND PROPERLY COMPACT ASPHALTIC CONCRETE TOP COURSE (CDOT GRADING SX).
9. ALL CUTS TO BE SQUARED OFF PRIOR TO RESTORATION. SAW CUT OR ROTOMILL.
10. THE JOINT BETWEEN THE NEW TOP COURSE ASPHALT AND THE EXISTING ASPHALT SHALL BE SEALED USING INFRARED JOINTING PROCESS.
11. ARTERIAL STREETS AND MAJOR COLLECTORS MUST BE PATCHED THE SAME DAY THE CUT OCCURS, UNLESS OTHERWISE AUTHORIZED BY THE ENGINEERING/PUBLIC WORKS DEPARTMENT.
12. ANY PAVEMENT MARKING (LANE LINES, TURN ARROWS, ETC.) DAMAGED BY THE STREET CUT AND REPAIR OPERATIONS SHALL BE REPLACED IN CONFORMANCE WITH CITY SIGNAGE AND STRIPING STANDARDS, AS DIRECTED BY THE ENGINEERING/PUBLIC WORKS DEPARTMENT.



**CITY OF LONE TREE
PUBLIC WORKS**

**ASPHALT PAVEMENT
PATCHBACK**

DETAIL
NUMBER

1

DATE: 9/24/13

BY: GAW

DRAWING NO.: ST-01