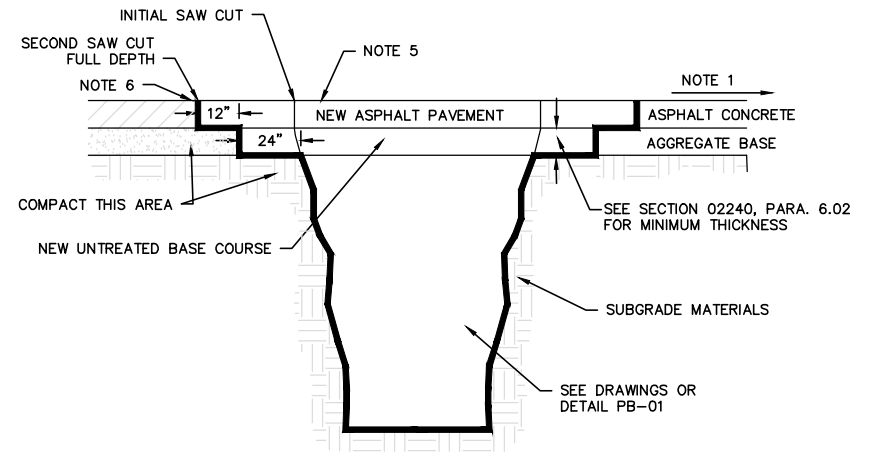


A SHALLOW EXCAVATION ASPHALT PAVEMENT
(42" OR LESS FROM PAVEMENT SURFACE TO BOTTOM OF EXCAVATION)



B DEEP EXCAVATION ASPHALT PAVEMENT
(MORE THAN 42" FROM PAVEMENT SURFACE TO BOTTOM OF EXCAVATION)

GENERAL NOTES

1. **ADDITIONAL PAVEMENT REMOVAL:** Remove additional pavement to a painted lane stripe, a lip of gutter, a curb, an existing pavement patch, or an edge of the pavement if such a feature is within 2-feet of the second saw-cut. If more than 50% of the permanent surfacing of a traveled lane is impacted by the excavation, the entire lane width shall be sawcut, removed, and replaced. Jagged, saw tooth edges are not allowed.
2. **UNTREATED BASE COURSE:** Provide material specified in Section 02230. Place and compact per Section 02240 and Section 02575. Maximum lift thickness is 8-inches before compaction.
3. **SHORING:** Shore in conformance with Section 02214.
4. **TACK COAT:** Full tack coat coverage on all vertical surfaces.
5. **ASPHALT PAVEMENT:** Use asphalt concrete specified in Section 02513.
 - A. Install in lifts no greater than 3-inches after compaction.
 - B. Compact each lift in conformance with Section 02503
 - C. Plane off surface distortions that exceed 1/4 inch deviation in 10 feet. Coat planed surfaces with a cationic or anionic emulsion as approved by City Engineer.
 - D. Asphalt pavement thickness depth shall equal existing plus 1-inch, 4" minimum, 6" maximum
 - E. Use 1/2" gradation per Section 02513.
 - F. Finished surface of restored trench not to exceed 1/4" +/- of existing.
6. **JOINT REPAIR:** If a crack occurs at the "T" patch connection to existing pavement or at any street fixture, seal the crack per Section 02511.
7. **PATCH REPAIR:** Repair the asphalt pavement patch if any of the following conditions within the patch occur.
 - A. Cracks at least 1-foot long and 1/4-inch wide occur more often than 1 in 10 square feet.
 - B. Pavement surface distortion exceeds 1/4-inch deviation in 10-feet.
 - C. Asphalt raveling is greater than 1 square foot per 100 square feet.
 - D. If slurry seal within 1 year, re-slurry seal full lane width for each lane effected
8. **EQUIPMENT:** All asphalt pavement shall be installed with mechanical paving equipment unless otherwise approved by the City Engineer.
9. **COMPLY WITH ALL REQUIREMENTS OF SECTION 02575.**
10. **Plant Mix Seal Coat:** For plant mix seal coat comply with UDOT Specification, Section 02786. Mill and replace existing plant mix seal coat 10 feet from edge of second cut in all directions.

1	R. KUMP	DWG REVISION	5/24/17
NO.	AUTHORIZED BY	REVISIONS	DATE



STANDARD DETAIL
PUBLIC WORKS
RC-02
RESTORATION OF ASPHALT
CONCRETE IN TRENCHES