

# **EXCAVATION/ ENCROACHMENT PERMIT**

APPLICANTS NAME: ADDRESS:	PHONE:
LOCATION OF WORK	
DETAILED DESCRIPTION OF W	ORK:
	——————————————————————————————————————
3	
COMMENCEMENT DATE:_	COMPLETION DATE:
APPLICATION FEE: \$25.00	DATE: RECIEPT NO:
BOND REQUIREMENT FOR	R EXCAVATION OR CUTTING OF ASPHALT:
	SURETY BOND MADE PAYABLE TO THE CITY OF MONTICELLO \$2000.00 WITH AN EXPIRATION DATE OF NO LESS THAN ONE E
ROND ISSUED BY:	EVD DATE.



#### AGREEMENT:

Applicant agrees to notify Public Works Director Prior to any commencement of work, and to comply with all conditions of Monticello City Code 7-3 (Excavations).

#### It is Understood that:

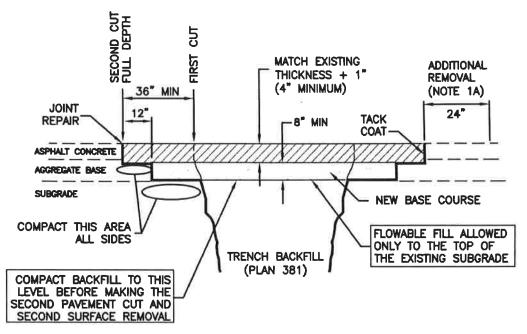
- 1. All applications must be filled out completely and signed by Monticello City Public Works Director, prior to commencement of any work.
- 2. The contractor is responsible for backfilling all excavations according to APWA, Asphalt T Patch Specs. Contractor is also responsible for installing compacted asphalt to match existing asphalt thickness plus 1". Non-shrink flowable concrete can be used as a replacement for gravel or road base or be used as surface patch flush with asphalt until permanent asphalt is replaced.
- 3. For one (1) calendar year from date of completion, the contractor is responsible for any needed street patch repairs.
- 4. Right-of-way must be cleaned of all byproducts of street cut and must be completed before utilities are turned on, unless otherwise noted by the Public Works Director.
- 5. Failure to comply with city regulations, specifications, or instructions pertinent to this permit will result in suspension of all or part of excavation work which may not be resumed until satisfactory corrective action has been taken.
- 6. No excavation may be performed on Monticello City Rights-Of-Way beyond the area stipulated on this permit.
- 7. Contractor will provide detailed information of work completed including pictures and GPS Data.

Applicant Signature	DATE
Tippicant oignicale	21112
PUBLIC WORKS DIRECTOR	DATE

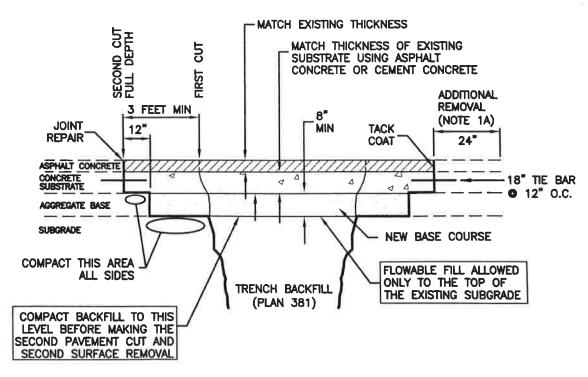


## **DEEP EXCAVATION**

(MORE THAN 48 INCHES FROM PAVEMENT SURFACE TO BOTTOM OF EXCAVATION)



### **ASPHALT RESTORATION**



## COMPOSITE RESTORATION

Asphalt concrete T-patch

255

# Asphalt concrete T-patch

#### 1. GENERAL

A. If a saw cut in the direction of vehicular travel is within a wheel path, ENGINEER r order additional pavement removal so saw cut falls outside of a wheel path.

### 2. PRODUCTS

- A. Base Course: Untreated base course, APWA Section 32 11 23. Do not use grav€ base course without ENGINEER's permission.
- B. Flowable Fill: Target is 60 psi in 28-days and 90 psi maximum in 28 days, APWA Section 31 05 15. It must flow easily requiring no vibration for consolidation.
- C. Reinforcement. Galvanized or epoxy coated, 60 ksi yield grade steel, ASTM A 614
- D. Concrete: Class 4000, APWA Section 03 30 04.
- E. Tack Coat: APWA Section 32 12 13.13.
- F. Asphalt Concrete. APWA Section 32 12 05.
  - 1. Warm weather patch AC-20-DM-1/2 unless indicated otherwise.
  - 2. Cold weather patch modified MC-250-FM-1, APWA Section 33 05 25.

### 3. EXECUTION

- A. Base Course Placement: APWA Section 32 05 10. Maximum lift thickness before compaction is 8-inches when using riding equipment or 6-inches when using hand the equipment. Compaction is 95 percent or greater relative to a modified proctor density APWA Section 31 23 26.
- B. Tack Coat. Clean all horizontal and vertical surfaces. Apply full coverage.
- C. Asphalt Pavement. Match existing thickness plus 1 inch but not more than 6-inches residential thoroughfares or 8-inches non residential thoroughfares. Install in lifts no greater than 3-inches after compaction. Compact to 94 percent of ASTM D 2041 (Ri density) plus or minus 2 percent. If asphalt pavement is substituted for concrete substrate, omit rebar and provide 1.25 inches of pavement for each 1 inch of concret substrate substituted.
- D. Reinforcement: Required if thickness of existing Portland-cement concrete substrate 6-inches or greater. Not required if (1) less than 6-inches thick, (2) if existing concret is deteriorating, (3) if excavation is less than 3 feet square, or (4) if asphalt pavement substituted for Portland-cement concrete substrate.
- E. Concrete Substrate. Cure to initial set before placing new asphalt concrete patch.
- F. Joint Repair. If a crack occurs at a connection to and existing pavement or at any str fixture, flush seal the crack per Plan 265.
- G. Patch Repair: Repair patch if any of the following conditions within the patch occur.
  - 1) Pavement surface distortion exceeds 1/4-inch deviation in 10 feet. Repair option: Plane off surface distortions. Coat planed surfaces with a cationic or anionic emulsion that complies with APWA Section 32 12 03.
  - 2) Cracks at least 1-foot long and 1/4-inch wide occur more often than 1 in 10 square feet. Repair option: Crack seal, APWA Section 32 01 17.
  - 3) Asphalt raveling is greater than 1 square foot per 100 square feet. Repair option: Mill and inlay.