

## **Copyright and Acceptable Use Information**

This electronic maintenance detail downloaded from this site is an original work designed and distributed by King Engineering, Inc. through Pavementmanagement.com or our partners. This detail is protected under international copyright laws which are strictly enforced. The buyer of this detail does not assume ownership of the copyright nor the rights and privileges of copyright ownership.

As the buyer of this electronic detail, you are entitled to use it as a personal reference or in your individual capacity to execute your job. It may not be purchased once and copied multiple times for multiple individuals within an organization or industry although It may be used by a single individual for multiple projects as the case may be. The buyer of this item may use it in this manor for an unlimited time. Please see the following TERMS OF USE.

### **TERMS OF USE**

#### **1. IMPORTANT INFORMATION**

You should carefully read the following terms and conditions. Your purchase or use of our product implies that you have read and accepted these terms and conditions.

#### **2. LICENSE**

Our company grants you a nonexclusive limited license to use this digital detail downloaded from this site or our partners sites in accordance with these Terms and Conditions (the "license") issued by our company.

##### **a) LIMITED USAGE GRANTED**

You may only use this detail as an individual either within an organization or without. You may use this detail on multiple projects, but you have to purchase a license for each of the other individuals within your organization for their use of this detail.

##### **b) MODIFICATIONS**

You may only make modifications to products that are in a readily modifiable form (i.e. are distributed in Microsoft Word® or Auto Cad® format). In the case where we distribute digital content in a non-modifiable form (i.e. Adobe Acrobat® Reader® format with security password) we do not approve or allow modifications to the original digital file.

##### **c) UNAUTHORIZED USE**

You may not place any of our products, modified or unmodified, on a diskette, CD, website or any other medium and offer them for redistribution or resale of any kind within or without a business or professional organization without prior written consent from our company.

**d) ASSIGNABILITY**

You may not sub-license, assign, or transfer this license to anyone else without prior written consent from King Engineering, Inc.

**e) OWNERSHIP AND LIABILITY**

You may not claim intellectual or exclusive ownership to any of our products, modified or unmodified. All products are property of King Engineering, Inc.

***Our products are provided "as is" without warranty of any kind, either expressed or implied. In no event shall our juridical person, King Engineering, Inc., [www.pavementmanagement.com](http://www.pavementmanagement.com), our owner's or distributors be liable for any damages including, but not limited to, direct, indirect, special, incidental or consequential damages or other losses arising out of the use of or inability to use our products.***

**3. OUR REFUND POLICY**

Since our company is offering non-tangible irrevocable goods we do not issue refunds after the product is shipped, which you are responsible for understanding upon purchasing any article at our site or our partners sites.

**4. ANTIFRAUD CHECK**

Customer purchase can be suspended for manual antifraud check for 10-20 minutes as well as it can be suspended for longer term (around 20 hours) for more serious investigation. Antifraud check occurs because of growing number of fraud transactions from persons who are not actual cardholders of the credit cards used during purchase.

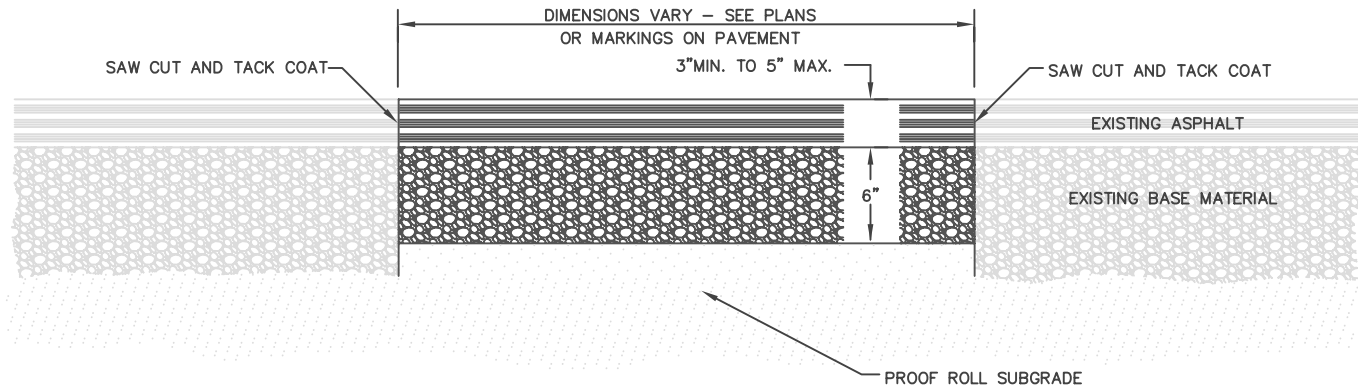
Our company reserves the right to change or modify these terms with no prior notice.

NOTES:

1. CONTRACTOR SHALL SAW CUT LIMITS OF EXCAVATION ON ASPHALT AT LEAST 1' FROM THE AREA OF PAVEMENT DISTRESS (CRACKS, POTHoles, DEPRESSIONS).
2. CONTRACTOR SHALL REMOVE ALL EXISTING ASPHALT AND BASE OR NATURAL MATERIAL TO A DEPTH EQUAL TO THE EXISTING THICKNESS OF ASPHALT PLUS 6". CONTRACTOR SHALL DISPOSE OF THE ASPHALT, BASE AND NATURAL MATERIAL AT AN APPROVED LOCATION OFF-SITE.
3. THE CONTRACTOR SHALL REMOVE ALL LOOSE MATERIAL SUCH THAT THE EDGES OF THE EXCAVATION ARE MADE UP OF FIRM MATERIAL.
4. CONTRACTOR SHALL PROOF ROLL THE SUBGRADE AT THE BOTTOM OF THE EXCAVATION USING A SMALL VIBRATORY ROLLER, HAND TAMPER OR A VIBRATORY PLATE COMPACTOR.
5. CONTRACTOR SHALL FURNISH AND INSTALL NEW OR RECYCLED ROAD BASE MATERIAL CONFORMING TO THE STANDARD STATE SPECIFICATION OF THE STATE DEPARTMENT OF TRANSPORTATION WHERE THE PROJECT IS PHYSICALLY LOCATED. THE MAXIMUM SIZE OF AGGREGATE IN THE BASE MATERIAL SHALL BE 3/4" TO 1" OR WHATEVER IS NEAREST IN THE STANDARD STATE SPECIFICATION. BASE MATERIAL SHALL BE FREE OF ALL DELETERIOUS MATERIALS INCLUDING ANY ORGANICS, WOOD, TRASH, LEAVES, GARBAGE, ETC.
6. CONTRACTOR SHALL INSTALL THE BASE MATERIAL IN TWO (2) 3" LIFTS COMPACTING EACH LIFT TO 95% OF MAXIMUM DENSITY AS PER ASTM D-1557 BEFORE INSTALLING THE SUBSEQUENT LIFT.
7. CONTRACTOR SHALL THEN PLACE TACK COAT AGAINST EXISTING PAVEMENT.
8. CONTRACTOR SHALL FURNISH AND INSTALL A 1/2" MAXIMUM AGGREGATE ASPHALT NOT MIX PAVEMENT OVER THE PREPARED BASE MATERIAL. SEE THE NOTES ON ASPHALT MATERIAL FOR ALLOWABLE TYPES.
9. CONTRACTOR SHALL INSTALL ASPHALT PAVEMENT TO A THICKNESS EQUAL THE INSTALLED THICKNESS OF THE EXISTING ASPHALT UP TO 5" IN THICKNESS. CONTRACTOR SHALL COMPACT THE ASPHALT IN LIFTS OF UP TO 3" PER LIFT. EACH LIFT SHALL BE COMPACTED TO 96% OF MAXIMUM DENSITY AS PER ASTM D-1557.

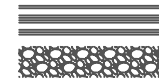
ASPHALT MATERIAL NOTES:

1. CONTRACTOR SHALL USE PERFORMANCE GRADE (PG), PERFORMANCE BASED ASPHALT (PBA) OR MARSHALL MIX DESIGN ASPHALT BINDER MATERIAL.
2. FOR MARSHALL MIX DESIGN ASPHALT THE CONTRACTOR SHALL SELECT FROM THE FOLLOWING TYPES THE MOST APPROPRIATE FOR THE WEATHER AND TEMPERATURE CONDITIONS AT THE TIME OF INSTALLATION:  
 AC5 IN COLD CLIMATIC CONDITIONS  
 AC10 IN MODERATE CLIMATIC CONDITIONS  
 AC20 IN HOT CLIMATIC CONDITIONS
3. FOR PERFORMANCE GRADE (PG) OR FOR PERFORMANCE BASED ASPHALT (PBA) THE CONTRACTOR SHALL USE PERFORMANCE GRADE 58-22, 64-10, 64-16, 64-28 OR 70-10 OR PERFORMANCE BASED ASPHALT (PBA) GRADE 6a, 6a (MOD), 6b, OR 7 AS REQUIRED BY PREVAILING TEMPERATURES.



# ASPHALT PATCH

SCALE: NTS



- NEW ASPHALT PAVEMENT PATCH MATERIAL
- NEW ROAD BASE MATERIAL
- EXISTING SUBGRADE (OR NATIVE) MATERIAL