



**LEGEND**

- ① PAVEMENT TO BE REMOVED SHALL BE SAWCUT 1 1/2" DEEP MINIMUM OR AT LEAST HALFWAY THROUGH ITS THICKNESS. PCC PAVEMENT OVERLAID BY A.C. SHALL BE SAWCUT AT LEAST HALFWAY THROUGH THE PCC THICKNESS.
- ② BACKFILL SHALL BE REMOVED AND 1 SACK SLURRY PLACED.
- ③ REPLACE EXISTING PAVEMENT TO MATCH EXISTING SECTION +0.1'. NEW PAVEMENT SHALL BE FLUSH AND NOT OVERLAP NEW OR EXISTING EDGE. IN NO CASE SHALL THE SECTIONS BE LESS THAN THE FOLLOWING:  
 CASE I - A.C. ONLY, 8" A.C. ON 12" BASE MINIMUM  
 CASE II - PCC ONLY, 8" PCC MINIMUM  
 CASE III - A.C. ON PCC, 2" AC ON 8" PCC MINIMUM  
 (REPAIR SECTION THICKNESS SHALL BE INCREASED TO MATCH EXISTING.)
- ④ TACK ALL EXISTING A.C. WITH SS1H BEFORE PLACING NEW A.C. SEAL COAT EDGES 6" EACH SIDE AFTER PLACING NEW A.C. IF EXISTING A.C. AND/OR PCC THICKNESS IS GREATER THAN 8".
- ⑤ REINFORCING FABRIC - MIRAFI 600X OR EQUAL.

**GENERAL NOTES**

- 1. CONCRETE SHALL BE 520 - C - 2500.
- 2. REMOVE ALL ROCKS AND LUMPS OF SOIL LARGER THAN 3" IN DIAMETER BEFORE REPLACING MATERIAL IN TRENCH.
- 3. PLACE ALL BACKFILL MATERIALS IN LAYERS NOT MORE THAN 4" THICK AFTER COMPACTION.
- 4. LABORATORY MAXIMUM DENSITY SHALL BE DETERMINED BY ASTM D1557.
- 5. FIELD DENSITY SHALL BE DETERMINED BY ASTM D1556 USING THE BASE PLATE AND MAKING SUITABLE ADJUSTMENTS FOR VOLUME OF ROCKS IN THE TEST HOLE.
- 6. RELATIVE COMPACTION OR RELATIVE DENSITY REFERS TO THE RATIO OF FIELD MEASURED DENSITY TO THE LABORATORY MAXIMUM DENSITY EXPRESSED IN PERCENT.

**CITY OF SAN BUENAVENTURA**

PUBLIC WORKS DEPARTMENT  
ENGINEERING DIVISION

**TRENCH FAILURE**

STD. DET. NO.  
**120**

APPROVED BY: *J. M. C. [Signature]*  
PRINCIPAL CIVIL ENGINEER

APPROVED BY: *[Signature]*  
CITY ENGINEER R.C.E. 37064

DATE **2-25-14**

SHEET  
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