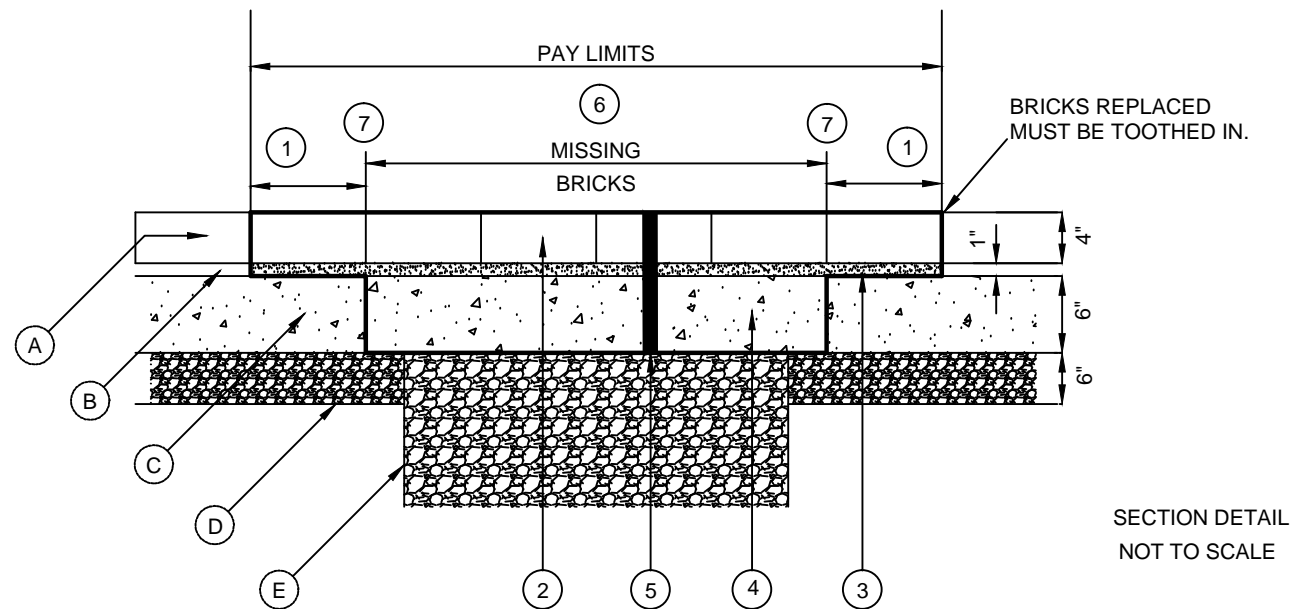


## EXISTING BRICK SURFACE PAVEMENT REPAIR



SECTION DETAIL  
NOT TO SCALE

- (A) EXISTING BRICK PAVERS
- (B) EXISTING SAND BEDDING LAYER
- (C) EXISTING CONCRETE BASE - DEPTH AND TYPE VARIES
- (D) EXISTING AGGREGATE BASE
- (E) EXISTING RANDOM MATERIAL. SUB-GRADE OR FOR NEW TRENCH COMPACTED TYPE I BACKFILL TRENCH REPAIR PER CITY STD. DWG. 19 - ODOT 304 OR 613.
- (1) VARIES, 0" TO 12" MAX - EX. BRICK TO BE REMOVED AND RESET AS NEEDED, TO ACCESS EX. CONC. BASE. DO NOT SAW CUT BRICK.
- (2) REPLACE/RESET 4" X 8" BRICK PAVERS, SEE NOTE SHT. 2/2 FOR CITY PROVIDED BRICK.
- (3) 1" CONCRETE SAND/CEMENT (3:1) BED 703.02 ASTM C-33
- (4) 6" CONCRETE BASE, CLASS "C", ODOT ITEM 305
- (5) BRICK PAVEMENT REPLACEMENT SECTION PAYMENT ONLY FOR REPAIR AREAS, PAYMENT INCLUDED IN COST OF PIPE FOR NEW TRENCH.
- (6) BROOM SURFACE W/ TECHNI-SEAL POLYMERIC SAND OR EQUAL TO FILL JOINTS. PLATE TAMP W/ MATT PROTECTION & DAMPEN PER MFG. SPEC.
- (7) FOR BRICK PAVEMENT REPAIR SAW CUT A CLEAN EDGE FULL DEPTH TO REMOVE FAILED CONC. BASE AND/OR FAILED AGG. BASE AS DIRECTED .

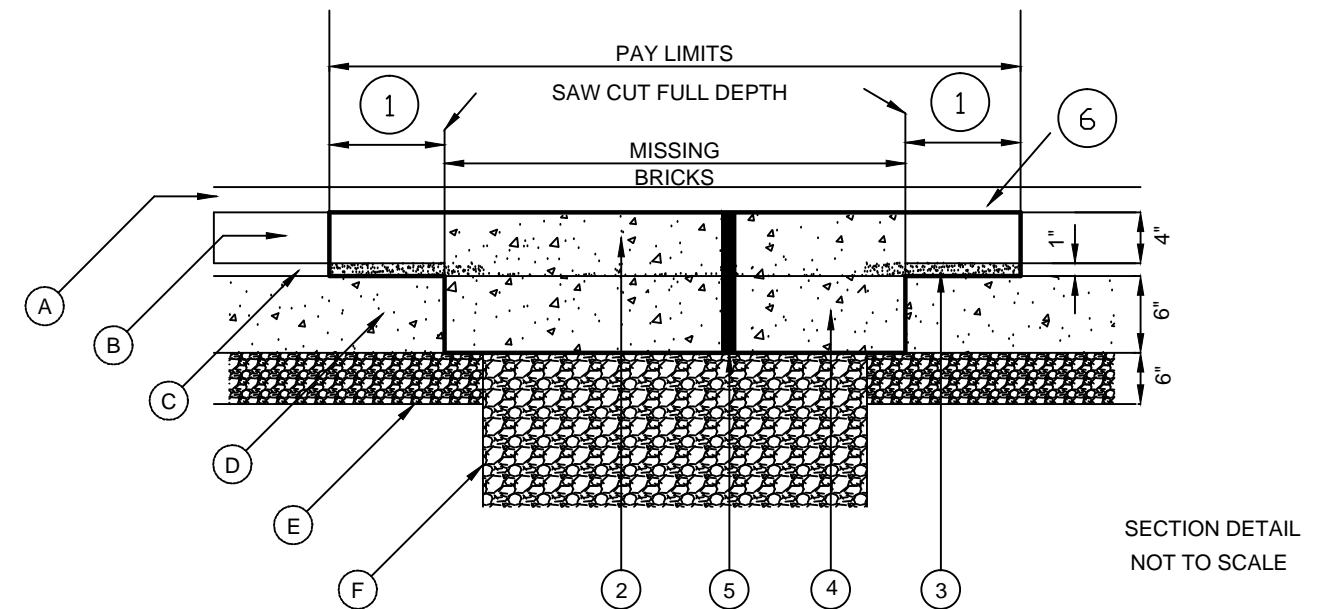
ODOT REFERENCES ARE FROM THE CURRENT ODOT CONSTRUCTION AND MATERIAL SPECIFICATIONS. ANY DISCREPANCIES SHALL BE SUBJECT TO THE CITY ENGINEER'S DISCRETION.

NO FOUNDRY SAND OR SLAG PERMITTED IN AGGREGATE BASE, ODOT ITEM 304, OR LOW STRENGTH MORTAR BACKFILL, ODOT ITEM 613.

PAVEMENT REPLACEMENT SECTION PAYMENT IS FOR CITY PROJ. REPAIR AREAS, PAYMENT INCLUDED IN COST OF PIPE FOR NEW TRENCH.

FOR NEW TRENCH PER STD. DW'G 19, SAW CUT FULL DEPTH TO THE LIMITS SHOWN.

## EXISTING ASPHALT OVER BRICK PAVEMENT SURFACE REPAIR



SECTION DETAIL  
NOT TO SCALE

- (A) EXISTING ASPHALT SURFACE
- (B) EXISTING BRICK PAVERS
- (C) EXISTING SAND BEDDING LAYER
- (D) EXISTING CONCRETE BASE - DEPTH AND TYPE VARIES
- (E) EX. AGGREGATE BASE
- (F) EX. RANDOM MAT'L. SUB-GRADE OR FOR NEW TRENCH COMPACTED TYPE I BACKFILL TRENCH REPAIR PER CITY STD. DW'G 19 - ODOT 304(M) OR 613(M) LSM. LOW STRENGTH MORTAR
- (1) VARIES, 0" TO 12" MAX - EX. BRICK TO BE REMOVED AND RESET AS NEEDED, TO TOOTH IN & ACCESS EX. CONC. BASE. SAW CUT BRICK IF NEEDED.
- (2) CONCRETE BASE, CLASS "C", ODOT ITEM 305 TO TOP OF BRICK
- (3) REMOVE EXISTING SAND BED BETWEEN BRICK
- (4) EXCAVATE FOR MINIMUM 6" CONCRETE BASE
- (5) CONCRETE BASE, CLASS "C", ODOT ITEM 305, REPLACEMENT SECTION
- (6) ASPHALT REPLACEMENT (IN KIND DEPTH) MAXIMUM 2" SURFACE COURSE, ODOT 448 TYPE I, OVER INTERMEDIATE COURSE, ODOT 448 TYPE I, AS NEEDED FOR IN KIND ASPHALT SECTION (ASPHALT SURFACE MUST BE "IN KIND" - OTHER THAN 448 MAY BE REQUIRED) ASPHALT TO EXTEND TO A NEAT SAW-CUT LINE. SEAL EDGES WITH ASTM D-3405 HOT OR ASTM C-90 COLD ASPHALT CEMENT.

PAVEMENT REPLACEMENT SECTION PAYMENT IS FOR CITY PROJ. REPAIR AREAS, PAYMENT INCLUDED IN COST OF PIPE FOR NEW TRENCH.

ALL RESTORATION/REPLACEMENT WORK TO BE AS DIRECTED AND APPROVED BY THE ENGINEER



OFFICE OF THE CITY ENGINEER  
CANTON, OHIO

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2436 30th St. NE 44705 330-489-3381 www.cantonohio.gov/engineering

APPROVED DATE: JAN 2012

APPROVED BY: CDB, RMB, SLH

DRAWING FILE NAME: ce\_31.dwg

### REVISIONS

DESCRIPTION	DATE	BY
CONSISTENCY REVIEW	2/1/13	JTD

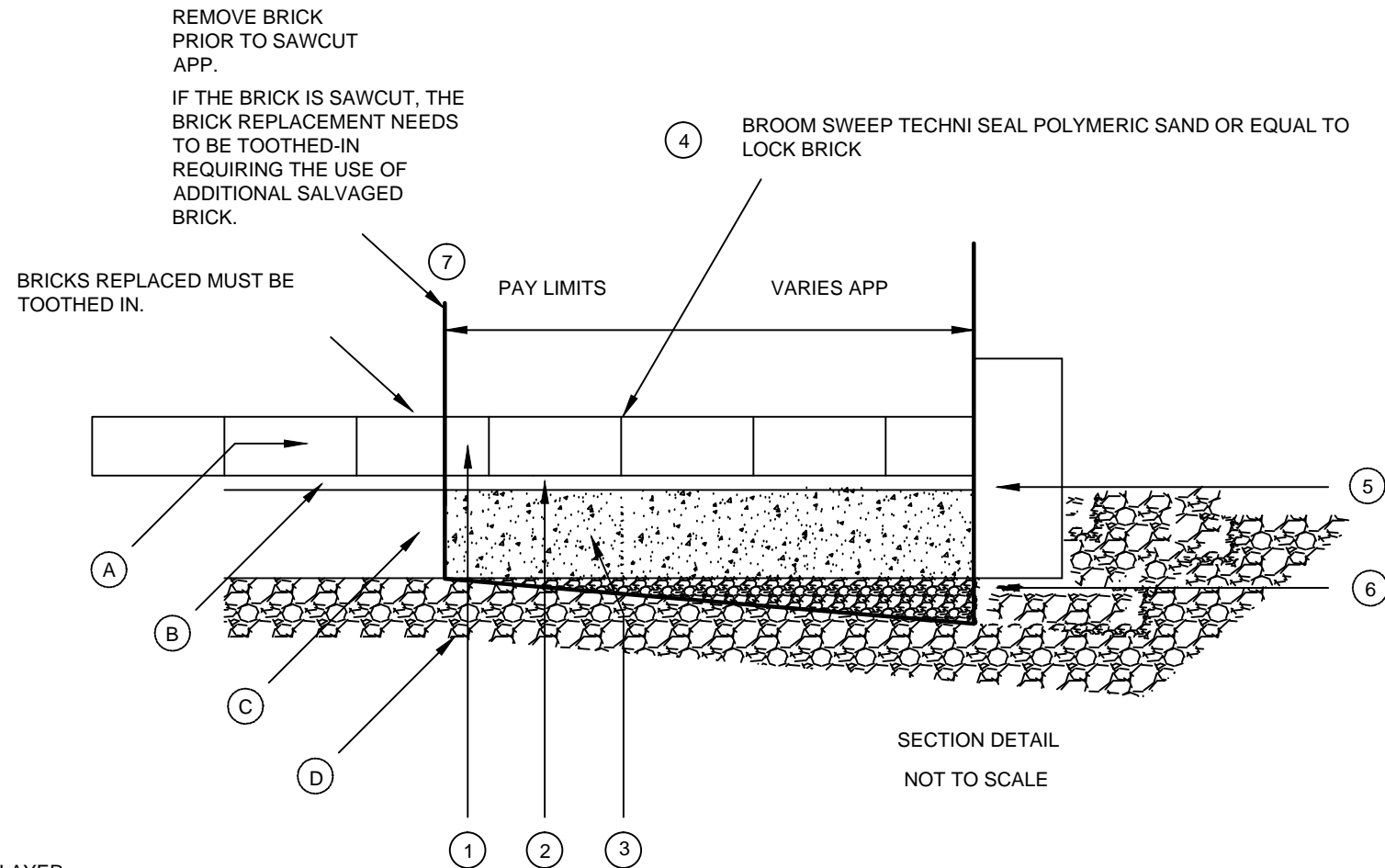
**STANDARD DRAWING NO. 31**

**PAVEMENT REPAIR**

SHEET 1 OF 2

ODOT REFERENCES ARE FROM THE CURRENT ODOT CONSTRUCTION AND MATERIAL SPECIFICATIONS. ANY DISCREPANCIES SHALL BE SUBJECT TO THE CITY ENGINEER'S DISCRETION.

NO FOUNDRY SAND, ACBFS, GRANULATED SLAG OR OTHER SLAG PERMITTED IN ODOT 304, OR LOW STRENGTH MORTAR BACKFILL, ODOT 613



- (A) EX. BRICK PAVERS
- (B) EX. SAND BEDDING LAYER
- (C) EX. CONCRETE BASE - DEPTH AND TYPE VARIES
- (D) EX. AGGREGATE OR RANDOM MATERIAL SUB-GRADE

- (1) RE-SET BRICK PAVERS, TOOTH IN BRICK TO MATCH EXISTING BRICK PAVEMENT.
- (2) PROPOSED 1" SAND/CEMENT (3:1) SETTING BED ODOT 703.02 - ASTM C 33
- (3) PROPOSED 6" CONCRETE BASE CLASS "C" - NO. 57 OR NO. 67 LIMESTONE ONLY
- (4) BROOM SWEEP TECHNI SEAL POLYMERIC SAND OR EQUAL TO LOCK BRICK. PLATE TAMP W/ MATT PROTECTION & DAMPEN PER MFG SPEC.
- (5) NEW OR EXIST. CURB - IF NEW SEE STD. DW'G. 29 & 30
- (6) REPAIR/REPLACE FAILED BASE WITH 304 CRUSHED AGGREGATE, 411 LIMESTONE OR 613 LSM IF APPROVED BY THE ENGINEER. CONCRETE AND AGGREGATE BASE TO BE REPAIRED AS DIRECTED BY THE ENGINEER INCLUDING CONCRETE REPLACEMENT AS NEEDED.
- (7) FOR BRICK PAVEMENT REPAIR SAW CUT A CLEAN EDGE FULL DEPTH TO REMOVE FAILED CONC. BASE AND/OR FAILED AGG. BASE AS DIRECTED.

PAVEMENT REPLACEMENT SECTION PAYMENT IS FOR CITY PROJ. REPAIR AREAS, PAYMENT FOR CONC. BASE INCLUDED IN COST OF NEW CURB.

COST FOR ITEMS 1-2-3-4-6-7 ABOVE ARE CONSIDERED AS 1 PAY ITEM UNDER ROAD PAVEMENT REPLACEMENT QTY.

### THIS EXHIBIT IS FOR BRICK PAVEMENT REPLACEMENT ALONG CURB OR GUTTER PLATE

BRICKS REMOVED ARE TO BE STORED FOR RE-USE – CITY WILL PROVIDE BRICKS AS NEEDED  
 CONTRACTOR IS TO PICK UP BRICK AT CITY SERVICE CENTER YARD  
 CONTRACTOR SHOULD BE PREPARED TO SORT BRICK FROM EXISTING STOCKPILES IF NECESSARY



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**PAVEMENT REPAIR**

SHEET 2 OF 2