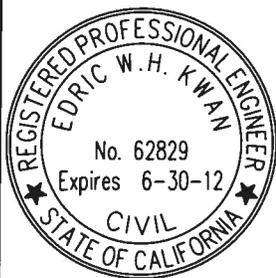


NOTES:

1. ALL CONCRETE SHALL BE MINOR CONCRETE IN CONFORMANCE WITH SECTION 90 OF THE CALTRANS STANDARD SPECIFICATIONS.
2. CURB, GUTTER, SIDEWALK, AND DRIVEWAY CONSTRUCTION SHALL BE IN CONFORMANCE WITH SECTION 73 OF THE CALTRANS STANDARD SPECIFICATIONS.
3. WEAKENED PLANE JOINTS SHALL BE CONSTRUCTED TO A DEPTH OF ONE (1) INCH WITH A SCORING TOOL, WHICH WILL LEAVE THE CORNERS ROUNDED WITH $\frac{3}{8}$ " RADIUS. WEAKENED PLANE JOINTS SPACING SHALL NOT EXCEED 20 FEET UNLESS OTHERWISE DIRECTED BY THE CITY ENGINEER. SAW CUT SCORES WILL NOT BE ACCEPTED.
4. SCORE MARKS SHALL CONFORM TO EXISTING ADJACENT PATTERNS, OR SHALL BE PLACED AS DIRECTED BY THE CITY ENGINEER. SCORE MARKS, EXPANSION JOINTS, AND WEAKENED PLANE JOINTS SHALL BE STRAIGHT AND TRUE.
5. WHERE NEW CONCRETE SHALL BE PLACED AGAINST EXISTING CONCRETE AND AT CONSTRUCTION (COLD) JOINTS IN NEW CONCRETE, THE TWO SHALL BE JOINED WITH DOWELS OF CLEAN AND DEFORMED #3 X 12" EPOXY BARS @ 24" O.C., OR AS DIRECTED BY THE CITY ENGINEER. ALL HOLES SHALL BE DRILLED INTO THE EXISTING CONCRETE WITH 6" EMBEDMENT. NO NEW CONCRETE SHALL BE PLACED AGAINST DEFECTIVE CONCRETE.
6. ALL EDGES SHALL BE TOOLED WITH A $\frac{1}{2}$ " RADIUS EDGER.
7. SIDEWALKS AND DRIVEWAYS SHALL RECEIVE A MEDIUM BROOM FINISH AND SHALL BE BROOMED TRANSVERSELY TO THE LINE OF PEDESTRIAN TRAFFIC. CURB & GUTTER AND VALLEY GUTTERS SHALL RECEIVE A LIGHT BRUSH FINISH WITH BRUSH STROKES PARALLEL TO THE LINE OF THE CURB OR GUTTER.
8. PIGMENTED SEALING COMPOUND SHALL BE USED FOR CURING CONCRETE.
9. ALL CONCRETE (EXCEPT MEDIAN CURBS AND TRAFFIC ISLANDS) SHALL BE COLORED BY ADDING TWO (2) POUNDS OF BEST QUALITY LAMPBLACK EQUIVALENT TO EACH CUBIC YARD OF CONCRETE.
10. SAW CUT AND REMOVE EXISTING PAVEMENT 18" OR AT THE DIRECTION OF THE ENGINEER FROM THE LIP OF GUTTER AND REPLACE WITH A MINIMUM OF 6" OR EXISTING FULL STREET SECTION OF HOT MIX ASPHALT, WHICHEVER IS GREATER.
11. REFER TO THE CITY OF RICHMOND MUNICIPAL CODE 12.36.161 REGARDING ALLOWABLE TREATMENTS BETWEEN THE BACK OF CURB AND THE SIDEWALK.
12. EXPANSION JOINTS SHALL BE THE BITUMINOUS FIBER TYPE, $\frac{1}{2}$ " IN THICKNESS, IN ONE PRE-MOLDED PIECE. EXPANSION JOINTS SHALL BE FILLED WITH $\frac{1}{4}$ " THICK PRE-MOLDED JOINT FILLER CONFORMING TO SECTION 73 OF CALTRANS STANDARD SPECIFICATIONS. EXPANSION JOINTS SHALL BE SPACED A MAXIMUM OF 50' APART AND SHALL BE CAST INTO FRESH CONCRETE. "CUT-IN" EXPANSION JOINTS WILL NOT BE ACCEPTED.
13. CLASS II AGGREGATE BASE SHALL CONFORM TO SECTION 26 OF THE CALTRANS STANDARD SPECIFICATIONS.
14. MINIMUM CLASS II AGGREGATE BASE SHALL BE PLACED WHERE REQUIRED BY SOIL CONDITIONS AS DIRECTED BY CITY ENGINEER.



**CITY OF RICHMOND ENGINEERING SERVICES DEPARTMENT
STANDARD PLAN**

APPROVED BY:

 EDRIC KWAN CITY ENGINEER

**NOTES FOR SIDEWALK,
CURB & GUTTER
AND DRIVEWAY**

DATE: SEPTEMBER 2010	DRAWN: GAR	CHECK: EK	SHEET NO. 5 OF 5	DRAWING NO. ST-1E
REVISED:				