



~ NOTES ~

1. RUNNING SLOPE SHALL BE 12:1 (8.3%) MAXIMUM.
2. SLOPE SHALL BE 10:1 (10%) MAXIMUM, MEASURED PARALLEL TO THE ADJACENT CURB LINE.
3. FOR WIDTH "W" AND "F":
RESIDENTIAL - MINIMUM W = 12'-0", MAXIMUM W = 24'-0"; MINIMUM F = 2'-6", MAXIMUM F = 10'-0"
COMMERCIAL - MINIMUM W = 24'-0", MAXIMUM W = 36'-0"; F = 10'-0"
WHEN MORE THAN TWO LANES ARE REQUIRED, 36'-0" WIDTH MAY BE INCREASED TO RELIEVE INTERFERENCE BETWEEN ENTERING AND EXITING TRAFFIC. AT THE ENGINEER'S DISCRETION RADIAL RETURNS MAY BE USED ON ENTRANCES. SOME APPLICABLE CASES ARE THE FOLLOWING:
a. ON ENTRANCES EXPECTED TO CARRY HIGH VOLUMES OF TRAFFIC.
b. WHEN ENTRANCE WIDTH IS GREATER THAN 36'.
c. WHEN THE HIGHWAY HAS A POSTED OR OPERATING SPEED OVER 40 MPH.
d. ON A RURAL SECTION WHERE A FLUSH SHOULDER EXISTS.
e. WHERE AN EXCLUSIVE RIGHT TURN LANE IS USED.
4. 1'-0" OR 2'-0" WITH CONCRETE PAVEMENT, 2'-0" WITH FLEXIBLE PAVEMENT
5. WHEN "L" DIMENSION IS GREATER THAN 15'-0" A SAWED AND SEALED JOINT, 1 1/2" DEEP AND 1/4" WIDE SHALL BE PLACED AT THE CENTER OF THE "L" DIMENSION. WIDE ENTRANCES REQUIRE ADDITIONAL JOINTS, SPACING SHALL NOT EXCEED 15'-0" O.C.
6. CLASS "A" CONCRETE OR JOINTED PLAIN CONCRETE PAVEMENT SHALL BE USED IN THE ENTRANCE PAVEMENT.
7. THE ENTRANCE PAVEMENT SHALL RECEIVE A BROOM FINISH AND SHALL BE CURED THE SAME AS THE MAINLINE PAVEMENT AND/OR SIDEWALK.
8. THE CONTRACT UNIT PRICE BID PER SQUARE YARD FOR "CEM CONC ENT PAVEMENT-8 IN" SHALL INCLUDE CLASS "A" CONCRETE AND ALL INCIDENTALS NECESSARY TO COMPLETE THE WORK. D.G.A. AND DETECTABLE WARNINGS ARE SEPARATE BID ITEMS.
9. USE CONDITION NO. 2 OR NO. 3 WHEN LITTLE OR NO UTILITY STRIP IS PROVIDED, AND INCORPORATE FEATURES OF OTHER DESIGNS SHOWN WHERE NOT IN CONFLICT.
10. PROVIDED THAT ADA GUIDELINES SHOWN IN NOTES 11 AND 12 ARE FOLLOWED, THE ENGINEER MAY MODIFY THE DESIGN TO BETTER FIT EXISTING CONDITIONS.
11. 2.00% CROSS SLOPE MAXIMUM, 1.50% DESIRABLE, ON SIDEWALK.
12. SIDEWALKS SHOULD BE DESIGNED WITH A MAX. GRADE OF 5%. WHERE A SIDEWALK RUNS ALONG A STEEP ROADWAY, THE SIDEWALK GRADE MAY EXCEED 5% IF IT FOLLOWS THE GRADE OF THE ROADWAY. WHERE THE GRADE EXCEEDS 5%, A LEVEL LANDING SHALL BE REQUIRED EVERY 200'.
13. COMMERCIAL DRIVEWAYS WITH TRAFFIC CONTROL DEVICES REQUIRE ADA SIDEWALK TREATMENTS WITH DETECTABLE WARNINGS.

BID ITEMS AND UNIT TO BID

CEM CONC ENT PAVEMENT-8 IN	SQYD
DGA BASE	TON
DETECTABLE WARNINGS	SQFT
USE WITH CUR. STD. DWG. RGX-040	



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS



CONCRETE ENTRANCE

CONCRETE ENTRANCE PAVEMENT AND SIDEWALK

STANDARD DRAWING NUMBER
RPM-150-09

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SUBMITTED *W. L. Ligon* 08-11-2025 DATE
DIVISION DIRECTOR
APPROVED *John Ballinger* 08-11-2025 DATE
STATE HIGHWAY ENGINEER

PAVEMENT