OVERLAND PARK
KANSAS
ABOVE AND BEYOND. BY DESIGN.

REQUIREMENTS FOR RESIDENTIAL OR COMMERCIAL DRIVEWAY APPROACHES WITHIN CITY RIGHT-OF-WAY

- Construction/demolition activities being performed in the Right-of-Way prior to obtaining a permit will be assessed a double permit fee.

- Prior to excavation, you **must** obtain utility locates before an inspection will be performed. Utility locates are listed below, as well as on the Right-of-Way application and permit. The telephone numbers are –

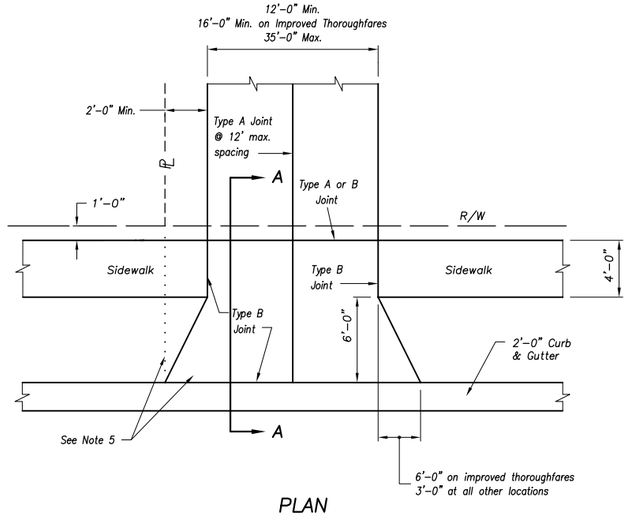
Dig-Safe	**811 or 1-800-344-7233**
Overland Park Traffic Services *(Streetlights and Signals)*	**913-327-6600**
Water District #1	**913-895-1806**

- You must use minimum 4000 lb KCMMB (Kansas City Metropolitan Materials Board) approved concrete mix in the approach. A copy of the delivery ticket must be sent to the Right-of-Way management via mail or fax, which are listed below:

MAIL TO:
City of Overland Park
Attn: Right-of-Way Manager
Public Works Department
8500 Santa Fe Drive
Overland Park, KS 66212

FAX TO: 913-890-1055

- Approach must be 2' off property line, except for wings.
- Total concrete area not to exceed 35% of front yard, not counting Right-of-Way area.
- Driveway not to exceed 35' width at curb.
- Rebar or wire is not required in the approach, but is not prohibited. If rebar is used, do not tie into curb, driveway or sidewalk.
- Sub grade must be compacted.
- Sidewalk, on either side of driveway, must be the same elevation as driveway to avoid a trip hazard. You may be required to replace sidewalk.
- Concrete must be tool jointed and not saw jointed.
- Must use 6" expansion at curb and sidewalk.
- Do not install joints which would define a sidewalk. (No transverse joints in approach section).
- Install 3' x 6' wings when possible.
- Must have 6" depth from back of curb to 10' (Right-of-Way line) behind curb.
- Must schedule a forms inspection 24 hours in advance - call **913-895-5184**.



PLAN
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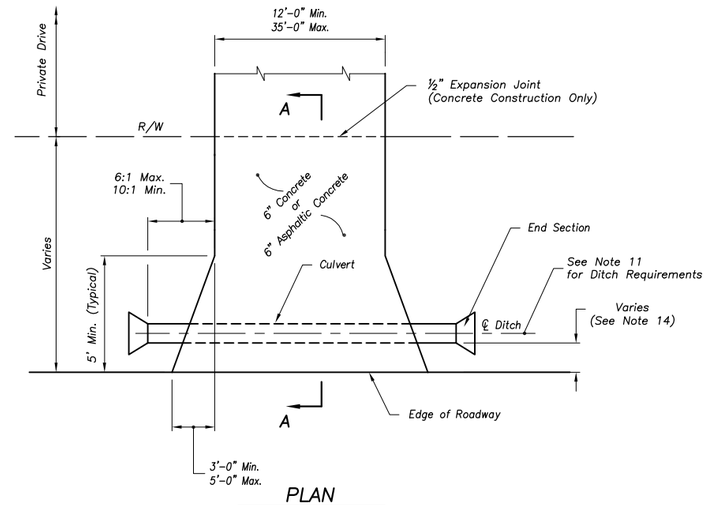

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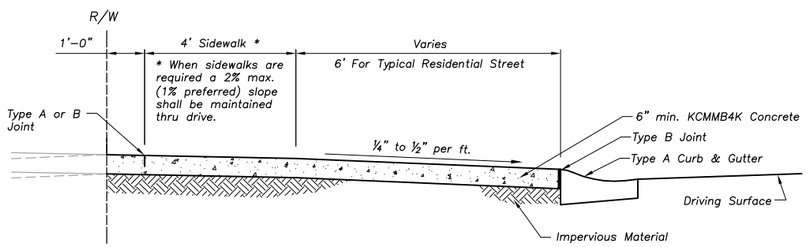

SECTION A–A
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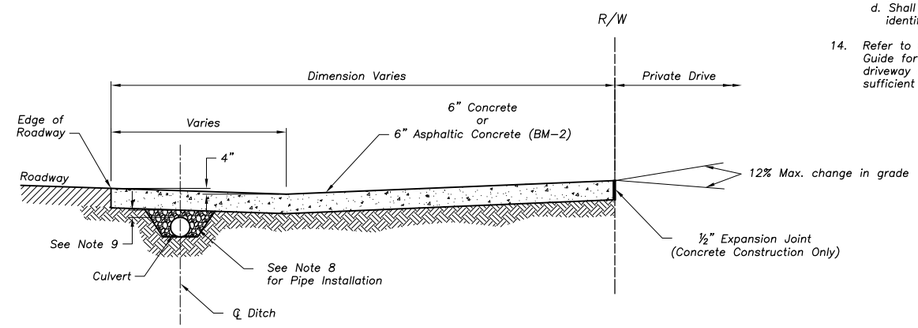


SECTION A–A
Not to Scale

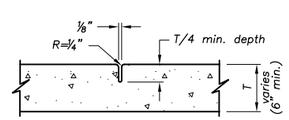
Driveway Entrance on Non-Curbed Streets Notes:

1. Overland Park Municipal Code (OPMC) and Overland Park Design and Construction Standards Manual (OPDCSM) are incorporated, except as otherwise noted.
2. KCMMB4K concrete shall be used throughout.
3. Culvert diameter to be approved by the City Engineer. The size of the drive culvert shall be a minimum of 12" diameter and designed for at least a 10-year storm event. The slope of the pipe shall be a minimum of 0.5%.
4. Minimum culvert length is 24 feet, or driveway width plus 10 feet.
5. Culvert shall be RCP or HDPE, meeting the City's specifications for storm pipe. CMP pipe is not allowed.
5. Bell-and-Spigot gasketed joints or manufactured coupling bands are required with HDPE.
7. Inspection of driveway forms is required prior to pouring of concrete.
8. Compacted granular backfill is required with HDPE. The backfill material shall be ASTM Class I Material, KDOT PB-3, or as approved by the City Engineer. There shall be a minimum of 12" cover for HDPE pipe.
9. Refer to the City of Overland Park RCP Installation Standard Detail for guidance. There shall be a minimum of 6" cover for RCP pipe.
10. Top of concrete to be level with road surface.
11. Ditch needs to be cleaned both upstream and downstream. Obtain 2.5% minimum slope in the ditch. Refer to the City of Overland Park R.E. District Ditch Street Typical Section Standard Detail for additional requirements.
12. Slopes transverse to the public street (e.g.: driveway side slopes) should be as flat as practical. Where practical a slope of 1 vertical to 6 horizontal (1V:6H) or flatter shall be constructed with a minimum slope of 2.5% being allowed. In no instance shall the slope exceed 1V:4H without specific City approval.
13. Driveway culverts:
    a. Shall be placed as far away from the public roadway as practical.
    b. Shall be cut to match the driveway slope.
    c. Depending on location may require bar grates or other end treatment when larger than 24" in diameter.
    d. Shall have delineators placed at each end for hazard identification.
14. Refer to the current addition of the AASHTO Roadside Design Guide for additional information on the construction of the driveway and the placement of the driveway culvert to allow sufficient clear zone and flare rates.

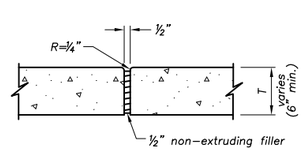
Residential Driveway Notes:

1. Overland Park Municipal Code (OPMC) and Overland Park Design and Construction Standards Manual (OPDCSM) are incorporated, except as otherwise noted.
2. KCMMB4K Concrete shall be used throughout.
3. Sidewalk is located one foot from the right-of-way line, therefore position of sidewalk in relation to the 3'-0" x6'-0" transition may vary.
4. Grading within the right-of-way to be as per the Typical Section and Plans.
5. Driveway wing shall not extend past side property line extension. Driveway wing dimensions may require modification to ensure encroachment on adjacent property does not occur.
6. Concrete pavement shall be jointed with Type A joints. No jointed slab shall exceed 12' x 12'.
7. Sidewalk, abutting driveway entrance, must be replaced if the elevation of new driveway entrance does not match that of existing sidewalk.

RESIDENTIAL DRIVEWAY
(2011 Edition)



Type A (Contraction)



Type B (Isolation)

JOINT DETAILS
Not to Scale

DRIVEWAY ENTRANCE ON NON-CURBED STREETS
(2011 Edition)

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WEB SITE ADDRESS: http://www.opkansas.org/Doing-Business/Standard-and-Construction-Detailed-Drawings

Year 2011 Edition

REVISIONS:	
02/15/00	Compaction Type; Notes;
07/01/03	Concrete Mix Designation;
Jan. 2009	Driveway Entrance on Non-Curbed Streets;
RELATED ORDINANCES:	
OPMC Title 13	

OVERLAND PARK KANSAS
ABOVE AND BEYOND. BY DESIGN.

DEPARTMENT OF PUBLIC WORKS
STANDARD DETAILS

RESIDENTIAL DRIVE DETAIL

DATE: 09/28/99 SHEET: 9