

General Construction Standards



City of Independence Public Works Department
111 E. Maple Ave, Independence, MO 64050 (816) 325-7617



**For more detailed information, see the City of Independence Public Works Manual
(Chapter 20; Chapter 18 for Traffic)**

1. Contractors and subcontractors are responsible for obtaining a Business License prior to performing work.
2. Anyone working in the right-of-way shall verify they are in compliance with obtaining a Right-Of-Way Use Agreement or a franchise with the City if applicable.
3. Erosion control measures shall be set in place prior to any grading work.
4. The contractor shall be required to repair all areas disturbed during work activities to equal or greater condition.
5. Backfill material under areas to be paved, and existing pavement shall meet specifications for APWA untreated aggregate base or MoDOT Type I base and be compacted to 95% maximum density. Sidewalks and driveways are considered paved areas. Backfill material not under pavement or sidewalk shall be earth fill compacted to 90% maximum density.
6. Three eighths inch (3/8") clean rock shall be used for bedding and cover of sanitary sewer laterals. Four inch (4") bedding shall be used in soil and six inch (6") in rock. The trench width shall be 20" larger than the outside diameter of a 12"-24" pipe. The trench width shall be 36" larger than the outside diameter of a 30"-42" pipe.
7. **Sidewalk replacement:** Entire panel is to be replaced – four inch (4") thickness and matched with existing size and pattern, concrete mix is to be MCIB A-618-1-4 or KCMMB 4K mix, compaction as stated above.
 - a. **Driveway replacement:** *No new aggregate or gravel driveways are permitted within the right-of-way.* For concrete driveways each entire panel is to be replaced. Concrete mix is to be MCIB A-618-1-4 or KCMMB 4K mix with compaction as stated above for residential and commercial.
 - b. **Residential drives on curbed streets:** Six inch (6") thickness within right-of-way. Property owner has the option of six (6) gauge six inch by six inch (6"x6") welded wire fabric or half inch (1/2") rebar on twelve inch (12") center each way.
 - c. **Residential drives on non-curbed streets:** Can be either asphalt or concrete, and must be six inch (6") thickness within right-of-way.
8. **All commercial drives:** Eight inch (8") thickness and six (6) gauge six inch by six inch (6"x6") welded wire fabric or half inch (1/2") rebar on twelve inch (12") center placement through entire driveway is required.
9. Asphalt street cut repair requires one foot (1') cutback on all sides of original work area (disturbed soil) and ten inch (10") depth. Patch consists of eight inch (8") MCIB A-618-1-4 or KCMMB 4K mix concrete with a two inch (2") APWA type III asphalt cap. Concrete base is to be uniformly coated with emulsified asphalt (tack coat) prior to placing asphalt cap.
10. Concrete street cut shall be saw cut full depth and doweled using half inch (1/2") smooth dowels on eighteen inch (18") centers (eliminating the required one foot (1') cut back for asphalt streets). Patch consists of eight inch (8") MCIB A-618-1-4 concrete or KCMMB 4K mix.

11. Street openings of eight inches (8") or less do not require one foot (1') cut back. Backfill shall be flowable fill. The patch shall be eight inch (8") MCIB A-618-1-4 or KCMMB 4K mix with a tack coat and two inch (2") APWA Type III asphalt cap. Full depth concrete patch may be approved upon request and authorization from the City.
12. Uncompleted street openings shall have a temporary cold patch or a secured street plate. No street plate is allowed on any street for more than seven (7) days. Any street plate used between November 1 and March 31 shall have a lighted barricade placed along the roadway and the location of the plate shall be reported to Public Works at (816) 325-7617.
13. **Cold weather concrete:** When the ambient temperature is 40 degrees or less concrete shall be in accordance with MCIB specifications for cold weather concrete. If calcium chloride is used it shall be added in solution form not exceeding two percent (2%) of weight of concrete.
14. A re-inspection fee will be assessed for street cuts not repaired within fifteen (15) days unless prior arrangements are made. Weather conditions are the exception.
15. Damage done by contractor to public infrastructure, including traffic signals shall be paid and repaired by the contractor in compliance with City standards and supervision.
16. Temporary Traffic Control (TTC) devices and set-up must comply with MUTCD.
17. TTC will be field inspected. Deficient TTC may be cause for work stoppage.
18. You are accountable for keeping the vehicles under the legal weight limit. If the road is damaged, you will be liable for replacement.
19. Road closures shall be submitted 48 business hours in advance for approval.
20. Contractors are responsible for providing the entire route that trucks will be using from City limit to job site.
21. No work shall be performed on weekends or holidays without prior approval.

Permit Issuance Requirement Checklist

Required on All Permit Applications:

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| 1. Business License Number | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 2. Contact Information of Field Supervisor | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 3. Missouri One Call Ticket Number | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 4. Emergency Numbers | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 5. Itemized Cost Estimate sheet | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

Other Possible Requirements:

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| 1. Right-Of-Way User Agreement | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 2. Franchise with the City | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 3. TTC Plan | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 4. Approved Storm Sewer Plan | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 5. Approved Sanitary Sewer Plan | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 6. Approved Grading Plan | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 7. Approved Street Plan and Profile | <input type="checkbox"/> Yes | <input type="checkbox"/> No |