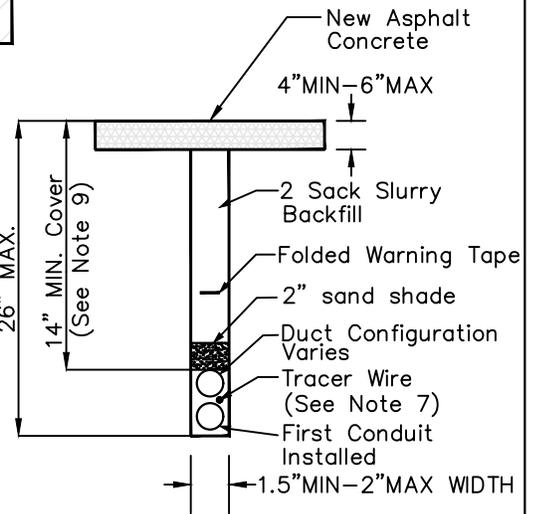


NOTES

1. Micro-trenching shall only be used to install telecommunication conduits.
2. Micro-trenching shall not be allowed in concrete paved street, sidewalks, parkways, curbs and gutter, bus pads, cross gutter, or bike lanes.
3. Pavement cuts shall be straight and clean, spalls and potholes within 12 inches of the micro-trench shall be repaired prior to trenching to ease straight pavement cuts.
4. Micro-trenches shall run parallel to the centerline of the street. Street crossing may be done provided the alignment is perpendicular to the street centerline to the most possible extent.
5. Trench location shall be 12" away from edge of gutter. If no face of gutter, trench shall be located 36" away from face of curb.
6. Micro-trenching in special pavements such as decorative asphalt paving and through existing improvements such as speed bumps requires approval by the City Engineer. Special pavements shall be restored.
7. Tracer wire to be included with all non-steel conduits.
8. Install folded warning/identification tape above top conduit.
9. The cover shall be at least 14" above the top conduit.
10. Micro-trench width shall be within 1.5"-2" unless approved by the engineer.
11. All Micro-trenches shall be completely backfilled with 2 sack cement sand slurry by the end of the work day.
12. Anchors/Spacers shall be used to ensure the conduit is kept at the bottom of the trench. Anchors/Spacers shall be placed a maximum of 10ft apart.
13. Surface preparation such as grinding for asphalt concrete pavement replacement shall occur after at least 48 hours since the backfill was placed. Field conditions may require longer time as determined by the inspector.
14. Asphalt concrete shall be ground and capped as soon as the backfill has cured, not to exceed 15 days.
 - A. Existing asphalt concrete and cement sand slurry backfill shall be ground down to 4" for a width of 18" but no less than 6" from both edges of the micro-trench and resurfaced with City standards.
15. Tack coat all edges immediately before the adjoining asphalt concrete is placed.
16. Pavement shall match the existing roadway elevations and provide a smooth surface. Subject to acceptance by the inspector.
17. Connections to service laterals and junction boxes shall be done that the curb and gutter are not disturbed, settled or damaged. Removal limits of sidewalk shall follow applicable city standards and approval from the City Engineer.
18. Each micro-trench shall be identified with a metal tag listing the owner, year constructed, and the words "NOT A SURVEY POINT". Tag shall be at each end of micro-trench and at intervals not to exceed 500 feet.
19. If outer edge of trench is 36" or less from the gutter, then the area to the gutter must be grinded and resurfaced 2"-4" as directed by the City Inspector.



MICRO-TRENCH DETAIL

MICRO-TRENCH



DATE: 2/09/2022			
REVISIONS			
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-	-	-	-

[Signature]
CITY ENGINEER

3/15/2023
DATE

[Signature]
PUBLIC WORKS DIRECTOR

3/15/2023
DATE

STANDARD DETAIL
131
SHEET 1 OF 1