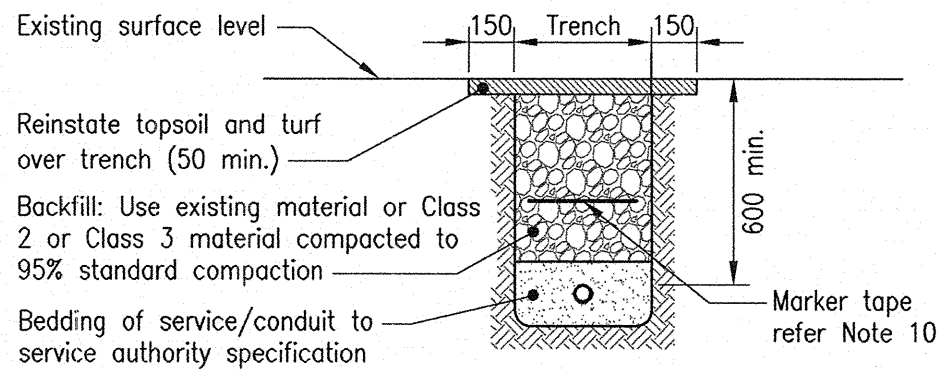
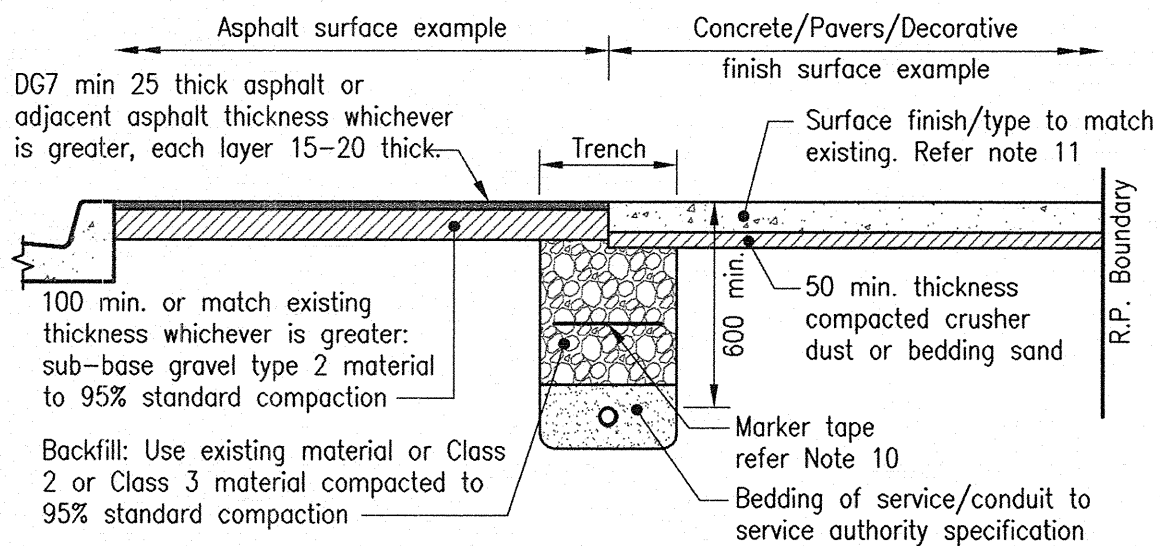


**UNSEALED LAND WITH STRIP CONSTRUCTED PATH**  
(TRANSVERSE TRENCH SHOWN. APPLY SAME REQUIREMENTS FOR LONGITUDINAL TRENCHING)



**UNSEALED LAND (NO CONSTRUCTED PATH)**  
(TRANSVERSE TRENCH SHOWN. APPLY SAME REQUIREMENTS FOR LONGITUDINAL TRENCHING)



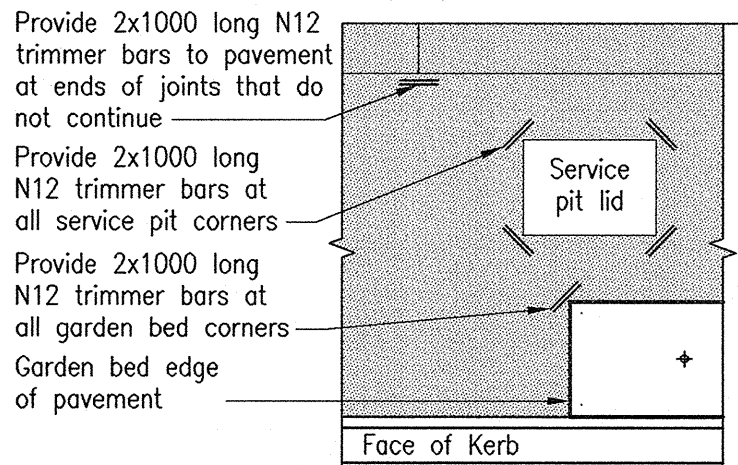
**VERGE WITH FULL WIDTH CONSTRUCTED PATH**  
(LONGITUDINAL TRENCH SHOWN. APPLY SAME REQUIREMENTS FOR TRANSVERSE TRENCHING)

**NOTES**

1. Trenchless Technology techniques are the preferred method for road crossing services conduits in existing verges.
2. The vertical deviation from a 1200 long straight edge (in all directions), is not to exceed 5mm.
3. Surface repairs are to be undertaken within 24 hours unless approved otherwise by council.
4. Where the trench has been constructed longitudinally in the verge, the final surface repair width is to match the existing surface width (e.g. 1.5m, full width etc.)
5. Width of strip path reinstatement:
  - if reinstatement is less than 10m long: reinstate to match width of existing strip path (1000 min.);
  - if reinstatement is greater than 10m long: reinstate 1500 min. width path.
6. Refer to standard drawing SR19 for concrete path details.
7. Path replacement to be from joint to joint.
8. Replacement path material to match existing path material, to be constructed to current industry standard.
9. No section cutting allowed.
10. Marker tape to be installed in compliance with AS/NZS 2648.1. Position the marker tape at approximately 50% of the depth of cover above the conduit or above any mechanical protection.
11. Refer to Ipswich Regional Centre Strategy Streetscape material Specification for Ipswich City Centre path finish requirements.
12. Dimensions are in millimetres unless shown otherwise.

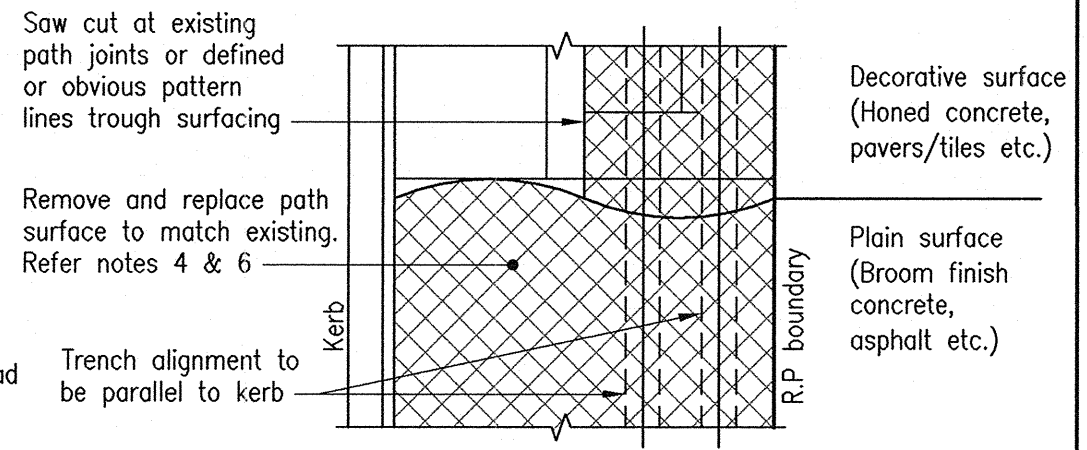
**NOTE:**

1. There is no need to provide expansion or contraction joints to pit lids or corners of garden beds unless shown on surface treatment plans. Provide trimmer bars opposite all ends of joints that do not continue across adjoining pavement.
2. Pits to be laid parallel to kerb.
3. Pavement crossfall 2.5% (max)



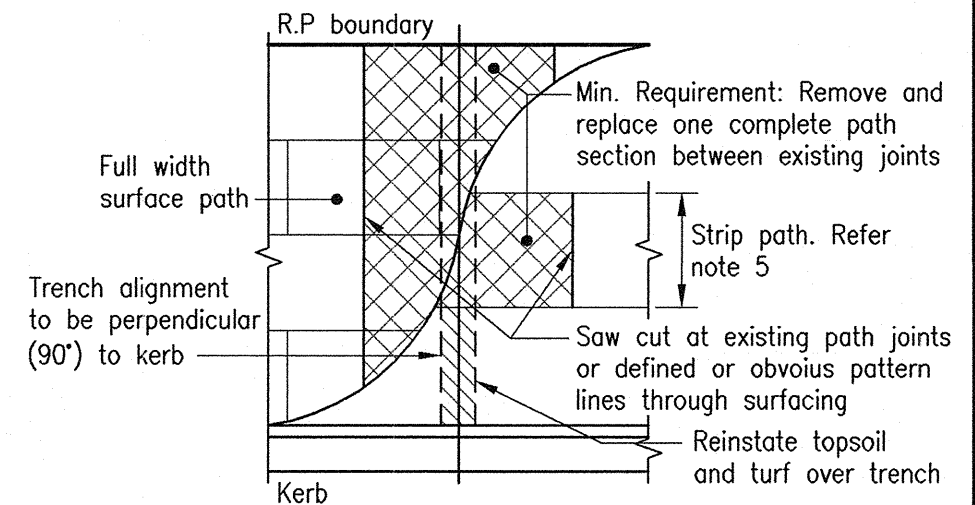
**LAYOUT PLAN**

SERVICE PIT LIDS TRIMMER BAR LOCATIONS



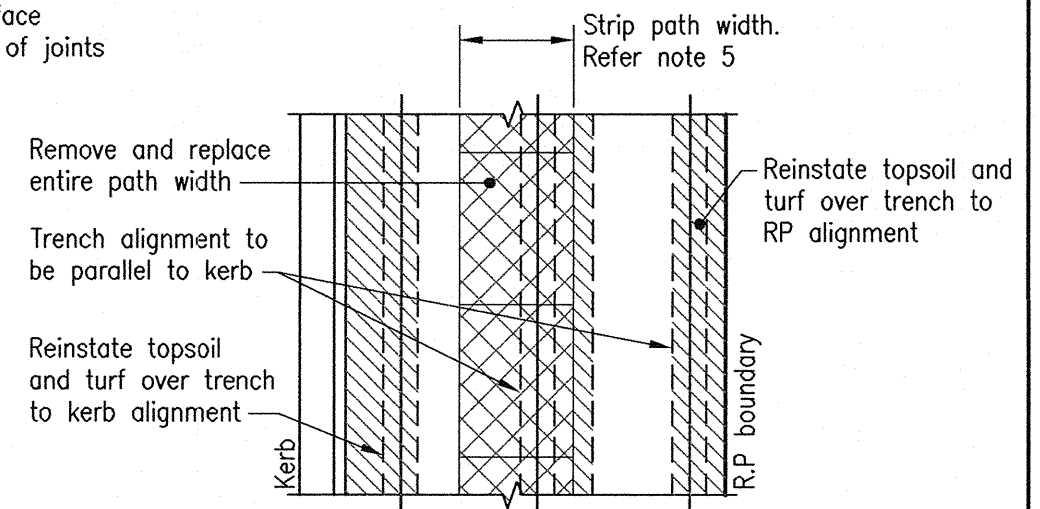
**TYPICAL PLAN VIEW**

LONGITUDINAL TRENCH THROUGH FULL WIDTH PATH



**TYPICAL PLAN VIEW**

TRANSVERSE TRENCH ACROSS VERGE



**TYPICAL PLAN VIEW**

LONGITUDINAL TRENCH THROUGH STRIP PATH AND UNSURFACED AREAS

| REVISIONS |          |      |           |          |      |
|-----------|----------|------|-----------|----------|------|
| AMENDMENT | INITIALS | DATE | AMENDMENT | INITIALS | DATE |
| F         |          |      |           | L        |      |
| E         |          |      |           | K        |      |
| D         |          |      |           | J        |      |
| C         |          |      |           | I        |      |
| B         |          |      |           | H        |      |
| A         |          |      |           | G        |      |

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APPROVED  
CHIEF OPERATING OFFICER (WPR)  
DATE 29-7-13

**STANDARD DRAWING**  
**TRENCH RESTORATION**  
**VERGES AND PATHS**

**DRAINAGE**  
**SR.43**  
REV: A DRAWER: 100