SECTION A-A

"GREENBOOK" CLASS 100-E-100 TRENCH BACKFILL SLURRY, OR CITY APPROVED CONTROLLED DENSITY FILL (CDF)

EXISTING PAVEMENT (VARIES IN DEPTH)

EXISTING BASE (VARIES IN DEPTH)

"GREENBOOK" CLASS B-AR-4000 A.C., 3" LIFT, OR CITY APPROVED EQUAL

PROPOSEDUTILITY

"BUTT" JOINT

Less than 12"

"BUTT" JOINT

EDGE OF PAVEMENT

R/W

City Street

SEE SECTION A-A BELOW
"GREENBOOK" CLASS B-AR-4000 A.C., OR CITY APPROVED EQUAL, 2 LIFTS, 4" MIN.

VARIES (36" - 48")

"GREENBOOK" BASE MATERIAL, DEPTH VARIES, 4½" MIN.

" Butt " JOINT

EXISTING BASE (VARIES IN DEPTH)

EXISTING PAVEMENT (VARIES IN DEPTH)

1'

1'

TRENCH BACKFILL

VARIES (12" - 24")

SECTION A-A
0.10' DEEP A.C. COLD MILL AND OVERLAY WITH "GREENBOOK" CLASS C2-AR-4000 A.C., OR CITY APPROVED EQUAL

"BUTT" JOINT

3'  
VARIES (GREATER THAN 48")

3'

"BUTT" JOINT

"GREENBOOK" CLASS B-AR-4000 A.C., OR CITY APPROVED EQUAL, 2 LIFTS, 4" MIN.

EXISTING BASE (VARIES IN DEPTH)

EXISTING PAVEMENT (VARIES IN DEPTH)

"GREENBOOK" BASE MATERIAL, DEPTH VARIES, 4½" MIN.

PROPOSED UTILITY

TRENCH BACKFILL

VARIES (GREATER THAN 24")

SECTION A-A
"GREENBOOK" SEALCOAT, OR CITY APPROVED EQUAL

VARIANCE
(WIDTH OF PARKING LANE)

EXISTING PAVEMENT
(VARIES IN DEPTH)
EXISTING BASE
(VARIES IN DEPTH)

1"
1" TRENCH PAVEMENT SECTION

PROPOSED UTILITY

TRENCH BACKFILL SECTION

SECTION A-A

*NOTE: FOR SPECIFIC TRENCH BACKFILL AND INITIAL PAVING REQUIREMENTS, REFER TO THE TRANSVERSE TRENCH BACKFILL AND PAVING DETAILS, AS APPROPRIATE FOR THE TRENCH WIDTH.
SECTION A-A

0.10' DEEP A.C. COLD MILL AND OVERLAY WITH "GREENBOOK" CLASS C2-AR-4000 A.C., OR CITY APPROVED EQUAL

"BUTT" JOINT (WIDTH OF TRAVEL LANE, 12' TYP.)

TRENCH PAVEMENT SECTION

PROPOSED UTILITY

TRENCH BACKFILL SECTION

EXISTING BASE (VARIES IN DEPTH)

EXISTING PAVEMENT (VARIES IN DEPTH)

*NOTE: FOR SPECIFIC TRENCH BACKFILL AND INITIAL PAVING REQUIREMENTS, REFER TO THE TRANSVERSE TRENCH BACKFILL AND PAVING DETAILS, AS APPROPRIATE FOR THE TRENCH WIDTH.
TRENCH BACKFILL AND
PAVEMENT RESTORATION REQUIREMENTS
(Requirements Vary Based on Excavated Width of Trench)

1. **Trenches less than 12" wide (See Detail 1)**
   (Typically excavated with a rock saw or other similar methods.)
   
   - **Backfill Requirements:**
     - CDF, or 1-sack slurry backfill ONLY
     - Backfill up to 3" below finish surface of street
     - Testing not required
     - Backfill depth independent of street structural section
   
   - **Resurfacing Requirements:**
     - 1'-saw cut at trench edge is NOT REQUIRED if trench edges are vertical, straight, and stable.
     - Tack oil coat at edges
     - Paving with 3/8" A.C. material
       - In one lift
       - Depth of 3", flush with finish surface of street
       - Compaction via mechanical vibrating hand compactor or other mechanical means
       - Compaction to 95%
       - Testing not required
       - No grinding or capping with 1/2" A.C. material required

2. **Trenches 12" to 24" Wide (See Detail 2)**
   (Typically excavated with backhoe bucket or other similar methods.)

   - **Backfill Requirements:**
     - CDF or 1-sack slurry backfill (optional)
       - No testing required
     - Native or select material backfill
       - Compaction via special conditions to 90%
       - Backfill depth up to appropriate subgrade elevation
       - Testing required
     - Crushed Aggregate or Crushed Miscellaneous Base material backfill
       - Compaction to 95%
       - Backfill depth up to appropriate base grade elevation (4½" minimum)
       - Testing required
       - Backfill depths dependent upon street structural section

REVISIONS:
APPROVED
08/21/01
CHRIS A. VOGT
CITY ENGINEER
RCE 44250

City of La Quinta
TRENCH BACKFILL & PAVEMENT
RESTORATION REQUIREMENTS

600
SHEET 6 OF 7
STANDARD
12” to 24” Trench (continued...)

- Resurfacing Requirements:
  - 1'-saw cut required at trench edges
  - Tack oil coat all saw-cut edges
  - Total section 1” thicker than existing A.C. section (4” minimum)
  - Two, or more, lifts
    - Base Course: 3/4” A.C. material
      - Compaction via vibroplate, tamper, or other mechanical means
      - Compaction to 95%
      - Testing required
    - Finish Paving/Cap Course, 1” Thick: 1/2” A.C. material
      - Compaction via roller
      - Compaction to 95%
      - Testing not required

3. Trenches More Than 24” Wide (See Detail 3)
(Typically excavated with a backhoe bucket or other similar methods.)

- Backfill Requirements:
  - CDF or 1-sack slurry backfill (optional)
    - No testing required
  - Native or select material backfill
    - Compaction via special conditions to 90%
    - Backfill depth up to appropriate sub grade elevation
    - Testing required
  - Crushed Aggregate or Crushed Miscellaneous Base material backfill
    - Compaction to 95%
    - Backfill depth up to appropriate base grade elevation (4 1/2” minimum)
    - Testing required
    - Backfill depths dependent upon street structural section

- Resurfacing Requirements:
  - 1'-saw cut required at trench edges
  - Tack oil coat at all saw-cut edges Base paving with 3/4” A.C. material
  - Total Section 1” thicker than existing A.C. section (4” minimum)
  - Two, or more, lifts
    - Base Course: 3/4” A.C. material
      - Compaction via vibroplate, tamper, or other mechanical means
      - Compaction to 95%
      - Testing required
    - Finish Paving/Cap Course, 0.1’ Thick: 1/2” A.C. material
      - Compaction via roller
      - Compaction to 95%
      - Testing not required
    - 3’-grind beyond 1'-saw cut at trench edges
      - Depth of grind to 0.10’ below existing finish surface of street
        (grind after paving base lift)