



## LEGEND

- 1) 6" (MIN) REQUIRED BOTH SIDES & SHALL BE SAW CUT.
- 2) EXISTING SURFACE (REPAIR ASPHALT TO MATCH EXISTING. 3" MIN COMPACTED)
- 3) EXISTING BASE
- 4) TRENCH BACKSLOPE
- 5) VERTICAL TRENCH WALLS SHORING PER O.S.H.A.
- 6) PIPE BEDDING STANDARDS
- 7) UNDISTURBED SOIL
- 8) LEAN CONCRETE
- 9) LOWER COMPACTION ZONE

### SPECIAL PROVISIONS:

#### TRENCH BACKFILL

#### DESCRIPTION AND CONSTRUCTION REQUIREMENT :

IN AREAS WHERE IT IS NECESSARY TO CUT THE ASPHALT PAVEMENT AND DIG A TRENCH FOR BURIAL OF CONDUIT CABLE OR OTHER CITY UTILITY. THE TRENCH SHALL BE BACKFILLED WITH A LEAN CONCRETE MIX WITH THE FOLLOWING PROPORTIONS OF MATERIALS-

COARSE AGGREGATE (3/8" MINUS)	2,600 LBS.
SAND	800 LBS.
PORTLAND CEMENT	94 LBS.
WATER	11 GAL (MAX.)

WATER CONTENT IS MAXIMUM AND MAY BE REDUCED DOWNWARD. CARE SHALL BE TAKEN TO ASSURE THAT EXCESS WATER IS NOT PRESENT IN THE MIXING DRUM PRIOR TO CHARGING THE MIXER WITH MATERIALS. THOROUGH MIXING WILL BE REQUIRED PRIOR TO DISCHARGE.

NO COMPACTION, VIBRATION OR FINISHING IS REQUIRED. THE LEAN CONCRETE MIX SHALL BE STRUCK OFF AT OR BELOW THE ELEVATION OF THE PLANTMIX SURFACING WITH A SQUARE-NOSE SHOVEL OR SIMILAR HAND TOOL THE BACKFILL MIX SHALL BE ALLOWED TO SET FOR A MINIMUM OF 2 HOURS BEFORE THE PERMANENT PLANTMIX SURFACING IS PLACED TO COMPLETE THE TRENCH REPAIR. TEMPORARY PLACEMENT OF ASPHALT COLD MIX SURFACING MAY BE NECESSARY TO ACCOMMODATE TRAFFIC WITHIN THE FIRST 2 HOURS OF BACKFILL PLACEMENT PRIOR TO COMPLETING THE PERMANENT REPAIR.

## NOTES

REFERANCES ARE TO THE ID STANDARDS FOR PUBLIC WORKS MANUAL. TRENCH EXCAVATION PER SECTION 301. BACKFILL AND COMPACTION PER SECTION 306.