

EXISTING STRUCTURAL SECTION THICKNESS VARIES

EX. AC

EX. AB

7" AC, SEE NOTES 2 AND 7

TACK COAT, SEE NOTE 7

GROUND LEVEL IN UNPAVED AREAS

24"

6"

95% RELATIVE COMPACTION

90% RELATIVE COMPACTION

VARIES

8"

TOP OF PIPE

PIPE

90% RELATIVE COMPACTION

BOTTOM OF TRENCH OVER-EXCAVATION

6"

2 SACK SAND CEMENT SLURRY REQUIRED WHERE TRENCH WIDTH IS 12" OR LESS. 90% RELATIVE COMPACTION IS ALLOWED IN UNPAVED AREAS, WITH TOP 6" TO BE RECOMPACTED TO 95% WITH FUTURE PAVING OPERATION.

PLACE SAND, FREE OF FOREIGN MATERIAL AND/OR HARD LUMPS.

TRENCH SHALL BE OVER-EXCAVATED AND REFILLED TO GRADE WITH AT LEAST 6" OF IMPORT SAND AT 90% COMPACTION.

BELL OF PIPE SHALL NOT REST ON OR SETTLE DOWN TO THE BOTTOM OF THE TRENCH

NOTES:

- TEMPORARY PAVEMENT RESURFACING SHALL CONSIST OF A MINIMUM OF 4" COLD MIX AND SHALL BE REQUIRED WHENEVER THE STREET IS TEMPORARILY OPENED TO TRAFFIC. THE TEMPORARY PAVEMENT SHALL BE MAINTAINED PROPERLY BY THE CONTRACTOR FOR SAFETY. IF PERMANENT PAVEMENT IS NOT SCHEDULED TO BE INSTALLED WITHIN 30 DAYS OF TRENCHING, HMA SHALL BE REQUIRED AS TEMPORARY PAVEMENT. ALL TEMPORARY MATERIAL SHALL BE COMPLETELY REMOVED PRIOR TO FINAL PAVING.
- PERMANENT RESURFACING OF PAVED AREAS SHALL CONSIST OF 7" A.C. PAVING OR MATCH EXISTING PAVEMENT SECTION IF PAVEMENT CUT IS WIDER THAN 6' UNLESS SPECIFIED OTHERWISE. EXISTING PAVEMENT CUT EDGES SHALL BE SAW-CUT AND TACK COAT SHALL BE APPLIED PRIOR TO FINAL PAVING.
- PAVEMENT CUT RESURFACING OF STRUCTURAL SECTIONS OTHER THAN PERMANENTLY PAVED OR UNPAVED AREAS SHALL BE DETERMINED BY THE CITY ENGINEER.
- ALL BACKFILL WILL BE TESTED FOR OPTIMUM MOISTURE. TO BE CONSIDERED A PASSING TEST, THE IN-PLACE MATERIAL MUST BE WITHIN 2% (ABOVE OR BELOW) THE OPTIMUM MOISTURE.
- NO JETTING OF BACKFILL WILL BE ALLOWED. BACKFILL IS TO BE PLACED IN MAXIMUM 18" LIFTS, THEN COMPACTED.
- FOR PAVEMENT EXCAVATION WITH DIAMETER 9" OR LESS OR MAXIMUM DIMENSION IN ANY DIRECTION OF 9" OR LESS, OR WHERE DIRECTED BY THE ENGINEER, BACKFILL SHALL COMPLY WITH ST-21, BACKFILL AND RESURFACING - AC EXCAVATION.
- UNLESS OTHERWISE DIRECTED BY THE CITY ENGINEER, ALL CUTS MADE IN PAVEMENT GENERALLY 5 YEARS AND YOUNGER SHALL BE TREATED WITH THE INFRARED PAVEMENT REPAIR PROCESS A MINIMUM OF 6" ON EACH SIDE OF SAWCUT, PER SECTION 19-3.05 OF THE CITY STANDARD SPECIFICATIONS. FOR PAVEMENT CUTS LESS THAN 2' IN WIDTH, THE INFRARED PAVEMENT REPAIR SHALL BE APPLIED TO THE ENTIRE AREA. WHEN INFRARED PAVEMENT REPAIR IS NOT REQUIRED, A CRACK SEALANT SHALL BE APPLIED ALONG THE PAVEMENT CUTS.
- IT IS THE INTENT AND PREFERENCE THAT SAND BE USED TO ENSURE PIPE PROTECTION AND PROPER COMPACTION AROUND THE PIPE. WHERE SUITABLE GRANULAR MATERIAL IS ENCOUNTERED IN THE FIELD, SUCH ALTERNATIVE BACKFILL MATERIAL MAY BE CONSIDERED ON A CASE BY CASE BASIS, SUBJECT TO APPROVAL BY THE CITY ENGINEER.



CITY OF CLOVIS

DWG NO. **ST-20**

BACKFILL AND RESURFACING - TRENCH

REF.: STD. SPECIFICATIONS SECTION 19

APPROVED BY:

[Signature]

CITY ENGINEER

DATE: 1/6/2020

NO.

REVISED

BY

APPROVALS

4

05-05-09

BGJ

CM

DRU

PUD

CGV

SCALE: NTS

DRAWN BY: JA

SHEET 1 OF 1