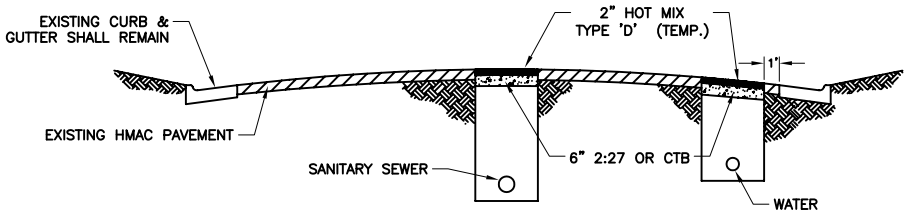
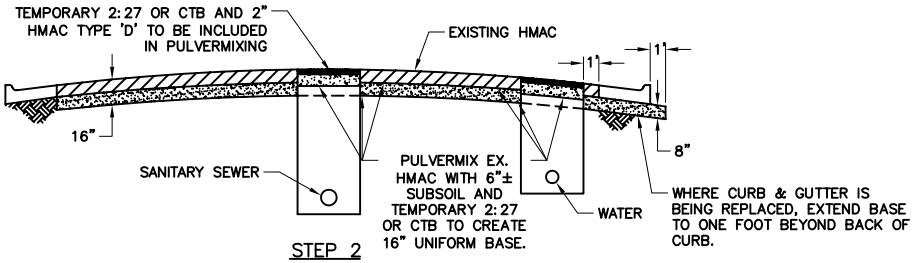
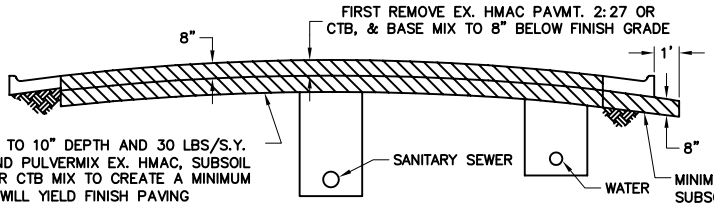
COLLECTOR
8" HMAC



STEP 1

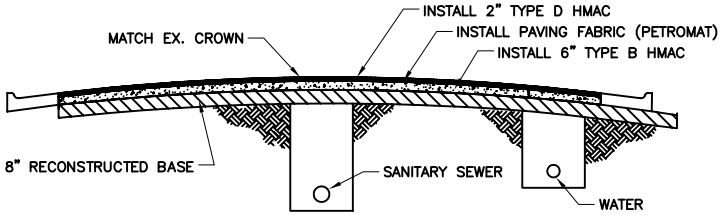


STEP 2



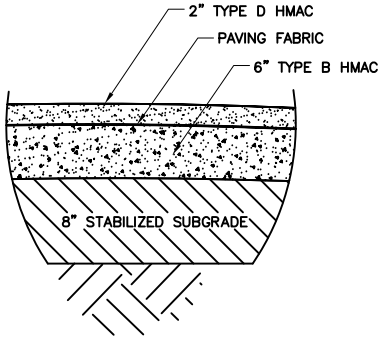
APPLY 45 LBS/S.Y. LIME TO 10" DEPTH AND 30 LBS/S.Y. CEMENT TO 8" DEPTH AND PULVERMIX EX. HMAC, SUBSOIL AND TEMPORARY 2:27 OR CTB MIX TO CREATE A MINIMUM 8" UNIFORM BASE THAT WILL YIELD FINISH PAVING ELEVATIONS THAT MATCH EX. GRADE UPON APPLICATION OF 6" TYPE B HMAC BASE COURSE AND 2" TYPE D HMAC SURFACE COURSE. COMPACT TO 95% OF THE MAXIMUM DENSITY AS DETERMINED BY TEXAS SDHPT TEST METHOD TEX-113E.

STEP 3



STEP 4

PAVEMENT RECLAMATION PROCESS
FOR A COLLECTOR
N.T.S



PAVEMENT RECLAMATION NOTES

1. EXISTING ASPHALT ROADWAY SHALL BE GROUND UP BY USING AN ASPHALT RECLAIMER OR PULVERMIXER AND RECLAIMED BACK INTO THE BASE AT A DEPTH OF NOT LESS THAN SIXTEEN INCHES.
2. PRIOR TO ANY STABILIZATION, REMOVE SURFACE MATERIAL TO ESTABLISH GRADE.
3. STABILIZATION SHALL BE ACCOMPLISHED BY THE APPLICATION OF LIME AT A CALIBRATION RATE OF 45 LBS. PER SQUARE YARD TO 10" DEPTH AND CEMENT AT A RATE OF 30 LBS. PER SQUARE YARD TO 8" DEPTH. UPON INSTALLATION OF CEMENT INTO THE SUBGRADE, THE CONTRACTOR ONLY HAS SIX HOURS TO ACHIEVE DENSITY.
4. RELATIVE COMPACTION OF THE SUBGRADE SHALL MEET OR EXCEED 95% OF THE MAXIMUM DENSITY AS DETERMINED BY TEXAS SDHPT TEST METHOD TEX-113E. AFTER COMPACTION AND TRIMMING, THE SUBGRADE SHALL BE FIRM, HARD, AND UNYIELDING.
5. STABILIZED SUBGRADE SHALL BE CURED FOR NOT LESS THAN 16 HOURS AND SHALL NOT EXCEED 72 HOURS WITH AN EMULSIFIED ASPHALT (SS1) APPLIED WITH AN ASPHALT DISTRIBUTOR AT AN APPLICATION RATE OF NOT LESS THAN 0.10 GALLONS PER SQUARE YARD AND NOT EXCEED 0.20 GALLONS PER SQUARE YARD. SPECIFIC APPLICATION RATES SHALL BE DETERMINED BY THE CITY INSPECTOR.
6. STABILIZED SUBGRADE SHALL BE FINAL GRADED IN ORDER TO ACHIEVE STREET GRADE UPON APPLICATION OF THE SIX INCH (TYPE B) WITH TWO INCH (TYPE D) HMAC SURFACE COURSE. ELEVATION SHOTS SHALL BE PROVIDED BY THE CONTRACTOR ESTABLISHING SUCH CROWN THROUGHOUT THE LENGTH OF THE PROJECT.
7. UPON ACHEIVING FINAL GRADE CONTRACTOR SHALL KEEP ALL EQUIPMENT OFF OF CEMENT STABALIZED SUB-GRADE FOR NO LESS THAN 72 HOURS TO ALLOW PROPER CURE TIME.
8. THE CITY OF ARLINGTON WILL PROVIDE SITE TESTING AND RETAIN DOCUMENTATION OF REPORTS AS TO COMPLIANCE WITH SUBGRADE DENSITY AND MOISTURE CONTENT SPECIFICATIONS.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL NEEDS AND SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR APPROVAL BY THE CITY INSPECTOR PRIOR TO ANY WORK ON THE PROJECT.
10. LIMITS OF PAVEMENT WILL BE TO REQUIRED THICKNESS.
11. WHERE EXISTING CURB AND GUTTER IS REMOVED, CONTRACTOR SHALL OBTAIN ELEVATIONS OF THE EXISTING TOP OF CURB IN ORDER TO REESTABLISH THIS ELEVATION UPON CONSTRUCTION OF THE NEW CURB AND GUTTER AND ESTABLISH A 7" CROWN FROM THESE ELEVATIONS.
12. PAYMENT FOR REMOVAL AND HAUL OFF OF ANY/ALL MATERIAL, INCLUDING, BUT NOT LIMITED TO EXISTING PAVEMENT NECESSARY TO ACHIEVE FINAL GRADE PER CITY OF ARLINGTON STREET PAVEMENT CROSS SECTION DETAILS, SHALL BE SUBSIDIARY TO ITEMS PAID.
13. PAVING FABRIC SHALL BE SKAPS GC140, PETROMAT 4598, OR APPROVED EQUAL. CONTRACTOR TO FOLLOW MANUFACTURERS INSTALLATION PROCEDURE

NOTES:

ALL CONSTRUCTION SHALL CONFORM TO CITY OF ARLINGTON STANDARD SPECIFICATIONS AND REQUIREMENTS.

CITY OF ARLINGTON,TEXAS

COLLECTOR RECLAMATION

DATE:	SCALE: NTS	SHEET____OF____
DESIGNED BY:	DRAWN BY:	CHECKED BY: