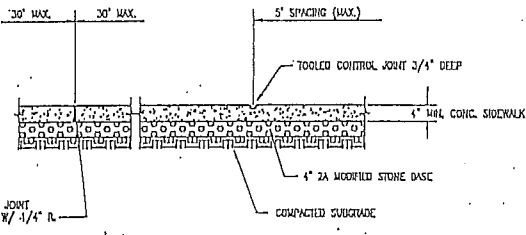


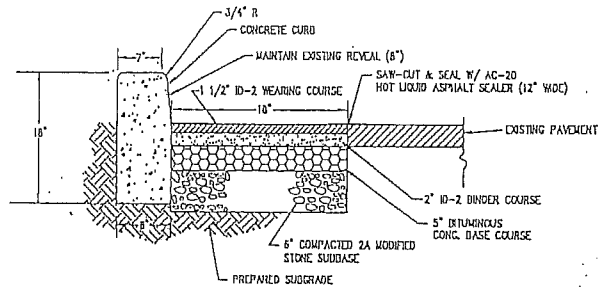
CHALFONT BOROUGH, BUCKS COUNTY, PA



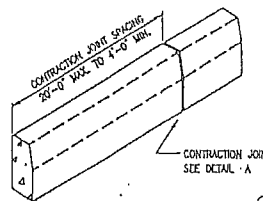
1/2" EXPANSION JOINT
RECESSED 1/4" W/ 1/4" R.
ON CONCRETE

- NOTE:
1. NON-SLIP BROOK FINISH SHALL BE PROVIDED ON ALL PAVEMENTS. ALL EXTERIOR CONCRETE SHALL BE AIR ENTRAINED AND HAVE A MINIMUM COMPRESSIVE STRESS OF 3000 PSI (CLASS A). SIDEWALK WIDTH = 4 FEET.
 2. AT DRIVEWAY CROSSINGS, SIDEWALK SHALL BE A MINIMUM 6" THICK AND REINFORCED WITH LAYER OF WELDED WIRE FABRIC.
 3. SLOPE SIDEWALK FOR DRAINAGE - 1/4" / FT. MINIMUM.

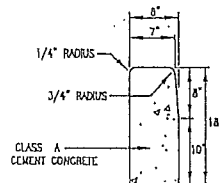
CONCRETE SIDEWALK DETAIL
N.T.S.



CURB REPLACEMENT DETAIL
N.T.S.



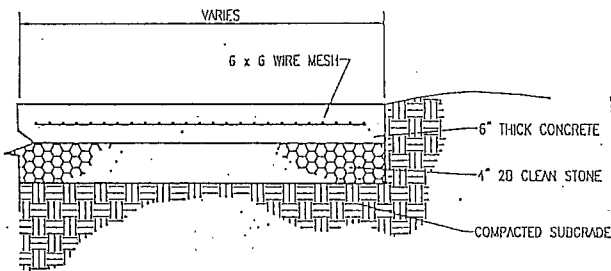
ELEVATION



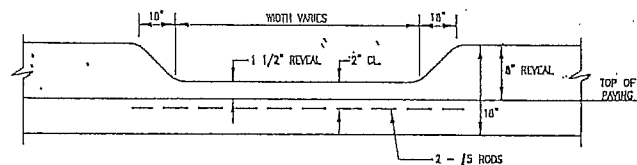
TYPICAL CROSS SECTION

DETAIL A
CONTRACTION JOINT

PLAIN CEMENT CONCRETE CURB
N.T.S.



TYPICAL CONCRETE DRIVEWAY APRON
N.T.S.



DEPRESSED CURB
N.T.S.

NOTES:

- 1) WIDTH TO MATCH EXISTING APRON
- 2) SLOPE TO MATCH EXISTING DRIVEWAY AND CURB. ELEVATIONS AS DETERMINED BY THE ENGINEER
- 3) RESTORE ALL PAVED DRIVEWAYS WITH SAME MATERIALS REQUIRED FOR CURB DRIVEWAY DEPRESSION REPLACEMENTS.

CKS

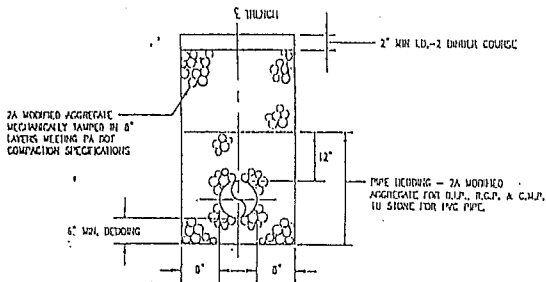
CKS Engineers, Inc.

88 South Main Street, Doylestown, PA 18901
(215) 340-0600

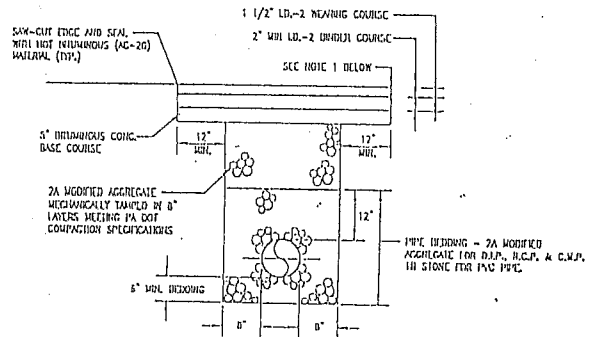
CHALFONT BOROUGH, BUCKS COUNTY, PA UTILITY TRENCH RESTORATION – GENERAL NOTES

GENERAL NOTES:

1. THE CONTRACTOR SHALL CONTACT ALL UTILITIES OR PRIVATE CONCERNS, IN COMPLIANCE WITH THE REQUIREMENTS OF P.L. 852, NO. 287, DECEMBER 10, 1974 AS AMENDED ON DECEMBER 19, 1996 BY ACT NO. 187, 72 HOURS PRIOR TO ANY EXCAVATION BY CALLING 1-800-242-1776.
2. UTILITY TRENCHES WITHIN STATE OR COUNTY ROADWAYS SHALL BE RESTORED IN ACCORDANCE WITH THE REQUIREMENTS OF THE APPLICABLE GOVERNING AGENCY.
3. THE CONTRACTOR SHALL CONTACT THE BOROUGH PUBLIC WORKS DIRECTOR (215) 997-2640 A MINIMUM OF 48 HOURS IN ADVANCE OF ANY WORK BEING PERFORMED WITHIN THE ROADWAY RIGHT-OF-WAY.
4. INITIAL (TEMPORARY) TRENCH RESTORATION SHALL BE PERFORMED IN ACCORDANCE WITH THE ABOVE DETAIL IMMEDIATELY AFTER THE UTILITY IS INSTALLED. FINAL (PERMANENT) TRENCH RESTORATION SHALL BE PERFORMED IN ACCORDANCE WITH THE ABOVE DETAIL, 90 DAYS (MINIMUM) TO 120 DAYS (MAXIMUM) AFTER TEMPORARY TRENCH RESTORATION IS PERFORMED.
5. ALL STREET ROADWAY PAVEMENT SHALL BE CUT BY A MECHANICAL SAW OR PAVING CUTTER.
6. ANY ITEMS (I.E. CURB, PAVED SURFACES OUTSIDE THE LIMIT OF WORK, ETC.) DAMAGED AS A RESULT OF THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED IN KIND, AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE BOROUGH.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF TEMPORARY PAVEMENT UNTIL IT IS REPLACED WITH PERMANENT PAVEMENT.
8. BITUMINOUS MATERIAL FOR BASE AND SURFACE COURSES OF PERMANENT PAVEMENT REPLACEMENT SHALL NOT BE PLACED WHEN THE AIR TEMPERATURE IS 40° F OR LOWER, NOR WHEN THE TEMPERATURE OF THE PAVEMENT, BASE OR BINDER ON WHICH IT IS TO BE PLACED IS 40° F OR LOWER, AS DETERMINED BY THE BOROUGH OR THEIR ENGINEER.



TEMPORARY TRENCH RESTORATION FOR BOROUGH ROADS



PERMANENT TRENCH RESTORATION FOR BOROUGH ROADS

C:/ACAD/TOWNSHIP/CHALFONT/4300-51/TYP_TRENCH.DWG-TNS

March 2002

CKS

CKS Engineers, Inc.

88 South Main Street, Doylestown, PA 18901
(215) 340-0600