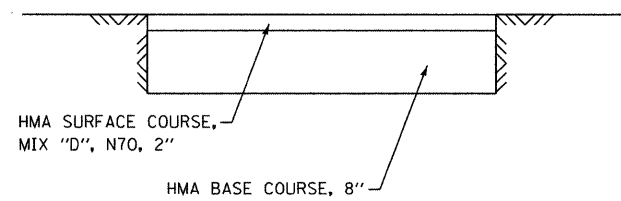


PIPE TRENCH SECTION FOR SINGLE PIPE
 STA. 156+67.76 TO STA. 157+04.59

PIPE TRENCH SECTION FOR DOUBLE PIPE
 STA. 157+32.29 TO STA. 160+52.66
 STA. 182+68.85 TO STA. 183+56.69
 STA. 188+57.20 TO STA. 190+08.86

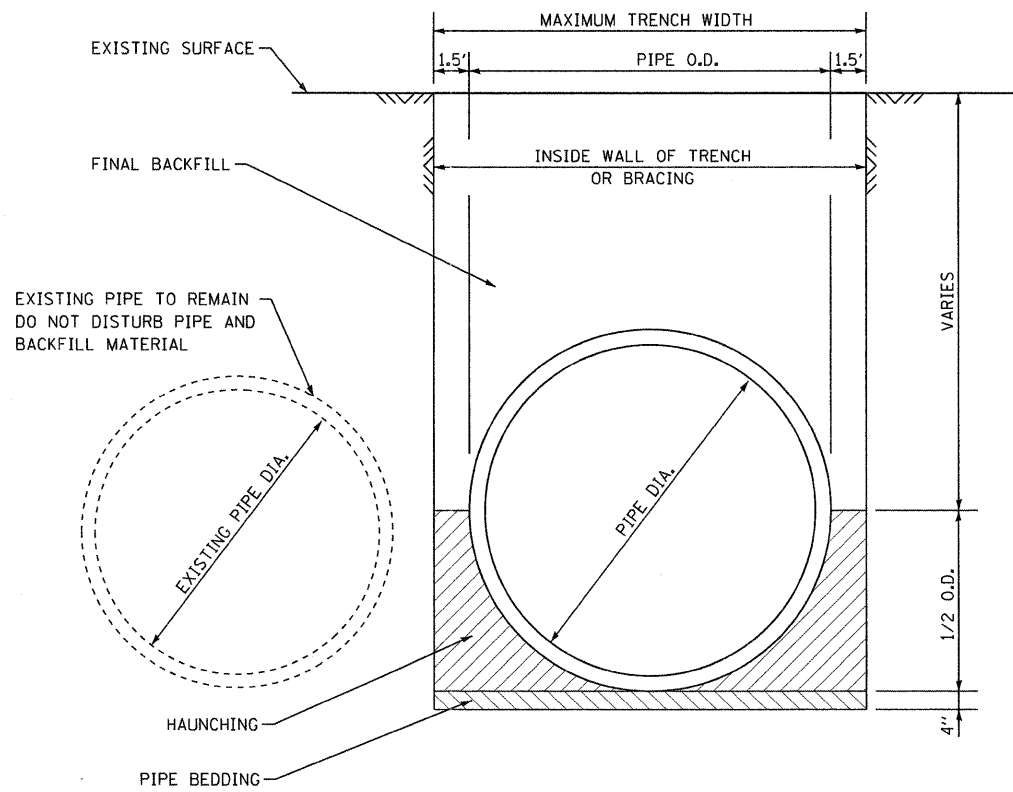


CTA PARKING LOT SECTION

HMA MIXTURE REQUIREMENTS

MIX DESIGNS	AIR VOIDS
CTA PARKING LOT	
HMA SURFACE COURSE, MIX 'D', N70, (IL-9.5mm); 2"	4% @ 70 GYRATIONS
HMA BASE COURSE (HMA BINDER IL-19 mm); 8"	4% @ 70 GYRATIONS
PATCHING	
HMA SURFACE COURSE, MIX 'D', N70, (IL-9.5mm); 2"	4% @ 70 GYRATIONS
CLASS D PATCH (HMA BINDER IL-19mm)	4% @ 70 GYRATIONS

NOTE:
 THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SY/IN.
 THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
 FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.



PIPE TRENCH SECTION - ADJACENT TO EXISTING PIPE
 STA. 160+52.66 TO STA. 163+43.25 STA. 196+77.20 TO STA. 198+40.55
 STA. 180+24.77 TO STA. 182+68.85 STA. 200+59.95 TO STA. 205+04.00
 STA. 183+68.34 TO STA. 186+72.22 STA. 207+66.71 TO STA. 208+97.90
 STA. 192+04.06 TO STA. 194+58.63

THE MATERIAL FOR PIPE BEDDING AND HAUNCHING SHALL BE WET COARSE AGGREGATE OR MOIST FINE AGGREGATE AND SHALL MEET THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS. THE AGGREGATE GRADATION SHALL BE CA-6, CA-9, CA-10, CA-18, FA-1, FA-2, FA-5, FA-6, FA-10, OR FA-21.

THE MATERIAL FOR FINAL BACKFILL SHALL BE SUITABLE MATERIAL EXCAVATED FROM THE TRENCH OR SELECTED GRANULAR MATERIAL MEETING THE REQUIREMENTS OUTLINED FOR HAUNCHING. BACKFILL MATERIAL SHALL BE DEPOSITED AND COMPACTED AS SPECIFIED IN METHOD 1 IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.

FINAL BACKFILL SHALL EXTEND TO THE EXISTING OR FINISHED SURFACE.

THE BACKFILL MATERIAL FOR TRENCHES WHERE THE INNER EDGE OF THE TRENCH IS FOUND WITHIN 2 FT OF THE EDGE OF PAVEMENT, CURB, GUTTER, STABILIZED SHOULDER, OR SIDEWALK, SHALL BE TRENCH BACKFILL IN ACCORDANCE WITH ARTICLE 208 OF THE STANDARD SPECIFICATIONS.

GENERAL NOTES

1. THE WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS
2. THE EXCAVATION, BEDDING, BACKFILL, AND DISPOSAL OF MATERIAL SHALL BE INCLUDED IN THE UNIT PRICE OF STORM SEWERS OF THE TYPE AND CLASS SPECIFIED.
3. IF A WATERMAIN IS ENCOUNTERED DURING STORM SEWER CONSTRUCTION, THE REQUIREMENTS OF THE IEPA SHALL GOVERN THE HORIZONTAL AND VERTICAL SEPERATION OF THE WATERMAIN AND STORM SEWER.
4. ALL EXCAVATED MATERIAL NOT NEEDED FOR THE WORK SHALL BE DISPOSED OF ACCORDING TO ARTICLE 202.03 AND IS INCLUDED IN THE COST FOR STORM SEWER.
5. REFER TO THE PLANS AND SPECIFICATIONS FOR SURFACE RESTORATION.

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USER NAME = Zbookd	DESIGNED - DJB	REVISED -
PLOT SCALE = 1,000' / IN.	DRAWN - ENTRAN	REVISED -
PLOT DATE = 10/11/2011	CHECKED - DAK	REVISED -
	DATE - 09/07/11	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PUMP STATION 24 STORM SEWER IMPROVEMENTS
 TYPICAL SECTIONS**

SCALE: 1,000' / IN. SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE. 190	SECTION 0102.5-T	COUNTY COOK	TOTAL SHEETS 41	SHEET NO. 5
CONTRACT NO. 60F90				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				