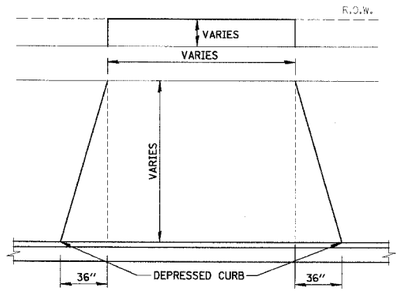
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	06-00062-00-RS	COOK	41	32
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83920



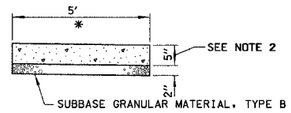
DETAIL OF DRIVEWAY

THIS TYPICAL DRIVE LAYOUT IS FOR BOTH CONCRETE AND ASPHALT DRIVES

P.C.C. DRIVE - 7" P.C.C. DRIVEWAY PAVEMENT
2" SUB-BASE GRANULAR MATERIAL, TYPE B

ASPHALT DRIVE - 2" HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (QC/QA)
2¼" HOT-MIX ASPHALT BASE COURSE

NOTE: PROPOSED SIDEWALK THROUGH DRIVEWAY SHALL BE 7 INCHES OF PORTLAND CEMENT CONCRETE ON 2 INCH SUB-BASE GRANULAR MATERIAL, TYPE B.

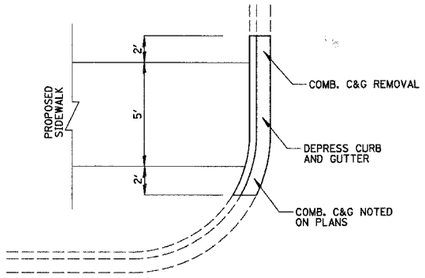


* CROSS SLOPE 2% OR AS SHOWN ON CROSS SECTIONS

NOTES:

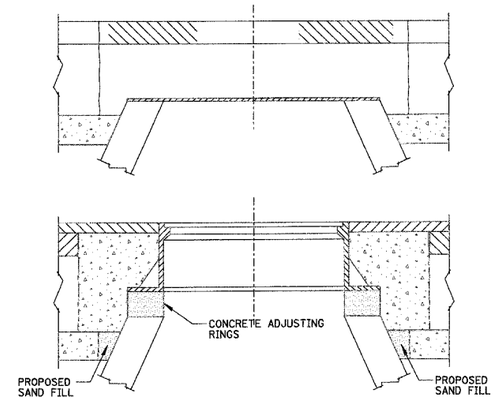
1. ALL REQUIRED EARTH EXCAVATION TO CONSTRUCT P.C.C. SIDEWALK SHALL BE PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL.
2. WHEN FORMS ARE REMOVED FROM THE SIDEWALK EITHER THE SIDEWALK SHALL BE BARRICADED OR BACKFILLED WITHIN 24 HOURS.

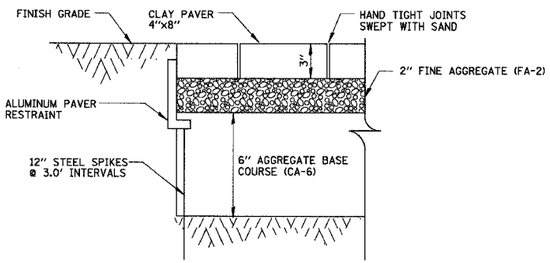
P.C.C. SIDEWALK DETAIL



PROPOSED DEPRESSED CURB & GUTTER
EXISTING CURB & GUTTER NOT DEPRESSED

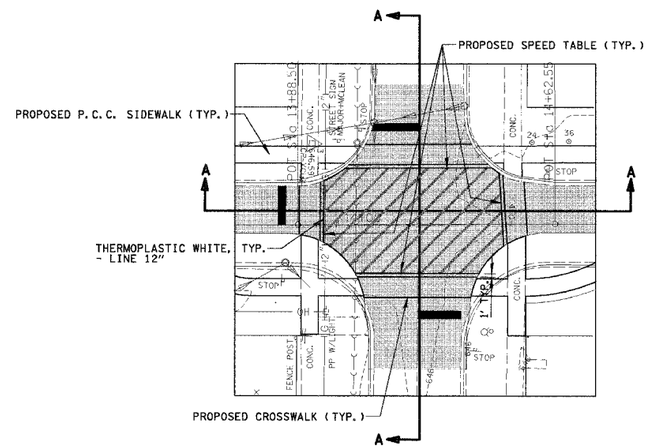
NOT TO SCALE





UNIT PAVERS

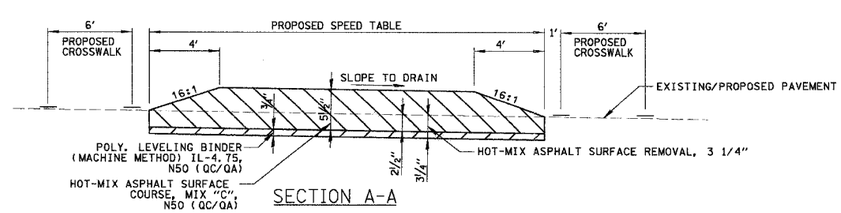
NOT TO SCALE



SPEED TABLE AT INTERSECTIONS - PLAN

NOT TO SCALE

McLEAN AVENUE @ PALMER AVENUE
McLEAN AVENUE @ DICKENS AVENUE
McLEAN AVENUE @ MAJOR DRIVE



SECTION A-A

SPEED TABLE AT INTERSECTIONS - PROFILES

NOT TO SCALE

CONSTRUCTION PROCEDURES

STAGE I (BEFORE PAVEMENT MILLING)

A) REMOVE A MINIMUM OF 12" OF THE PAVEMENT FROM AROUND THE STRUCTURE.
B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
C) COVER THE STRUCTURE OPENING WITH A 36" DIAMETER METAL PLATE.
D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1½" THICK BITUMINOUS MATERIAL APPROVED BY THE ENGINEER.

STAGE II (AFTER PAVEMENT MILLING)

A) REMOVE THE BITUMINOUS MATERIAL AND CRUSHED STONE.
B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS SI CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602 AND 603 OF THE STANDARD SPECIFICATIONS.

LOCATION OF STRUCTURES

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT

DRAINAGE STRUCTURE ADJUSTMENT (SPECIAL).

NOTES

1. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
2. IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.
3. THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

DRAINAGE STRUCTURE ADJUSTMENT (SPECIAL)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

CITY OF NORTHLAKE
VARIOUS FEDERAL GRANTS

SCALE N.T.S. DRAWN BY AMP
DATE 2/20/2007 CHECKED BY MW

CHRISTOPHER B. BURKE ENGINEERING LTD.
9575 West Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

PROFILE | SCRIBED | PLOTTED | GRADES CHECKED | DRAWN BY | STRUCTURE NO. | STATIONS CHKD | NOTE BOOK | NO. | BY | DATE

PLAN | SCRIBED | PLOTTED | ALIGNMENT CHECKED | DRAWN BY | CADD FILE NAME N:\NORTHLAKE\94320C68\CIVIL\DC68_det1.det | NOTE BOOK | NO. | BY | DATE

2/20/2007 N:\NORTHLAKE\94320C68\CIVIL\DC68_det1.det