P.C.C. SIDEWALK 5" DETAIL

- DEPRESSED CURB AT PUBLIC SIDEWALK
- EXPANSION JOINT INCIDENTAL TO SIDEWALK
- 2% MAX.
- SIDEWALK (MAXIMUM SLOPE 1:12)
- 5' UNLESS NOTED OTHERWISE
- 5"
- 2" (MIN.)
- CLASS SI CONCRETE
- AGGREGATE WITH A CA-6 GRADATION PER SECTION 1004.04 OF THE STANDARD SPECIFICATIONS (INCLUDED IN COST OF P.C.C. SIDEWALK)

NOTE:
1. ALL REQUIRED EARTHWORK TO CONSTRUCT P.C.C. SIDEWALK SHALL BE PAID FOR SEPARATELY AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
2. AT ENTRANCES, THE SIDEWALK THICKNESS SHALL INCREASE TO THE THICKNESS OF THE DRIVEWAY PAVEMENT (INCLUDED IN COST OF P.C.C. SIDEWALK 5") (MINIMUM 7" FOR RESIDENTIAL AND 8" FOR COMMERCIAL DRIVES)

TYPICAL DRIVEWAY DETAIL

- 3/4" PREFORMED EXPANSION JOINT FILLER (P.C.C. DRIVE ONLY)
- LIMITS OF CONSTRUCTION SHOWN ON PLANS
- EXISTING DRIVEWAY PAVEMENT
- PROPOSED COMB. CONC. CURB & GUTTER (DEPRESSED)
- SAW CUT
- CA-6 BASE COURSE
- PROPOSED DRIVEWAY, SEE NOTE 1
- EXISTING DRIVEWAY PAVEMENT TO BE REMOVED, SEE NOTE 3

NOTE 1: THE PROPOSED DRIVEWAY PAVEMENT SHALL CONSIST OF:
a) 2" HMA SURFACE CSE., MIX D N50 8" HMA BASE CSE. IF THE EXISTING DRIVEWAY IS HMA (PAID FOR AS STABILIZED DRIVEWAYS).
b) 8" CLASS PV PORTLAND CEMENT CONCRETE 2" SUB-BASE GRANULAR MATERIAL, TYPE B (INCLUDING THE EXISTING DRIVEWAY REPLACMENT) IF THE EXISTING DRIVEWAY IS P.C. CONCRETE

NOTE 2: CA-6 AGGREGATE BASE COURSE AND PREFORMED EXPANSION JOINT FILLER SHALL ALL BE CONSIDERED INCLUDED IN THE DRIVEWAY REPLACEMENT

NOTE 3:
a) EXISTING P.C.C. DRIVEWAY PAVEMENT REMOVAL TO BE PAID FOR AS DRIVEWAY PAVEMENT REMOVAL.
b) EXISTING HMA DRIVEWAY PAVEMENT REMOVAL TO BE PAID FOR AS DRIVEWAY PAVEMENT REMOVAL.

WALL UNIT AND CAP UNIT DETAIL

- STANDARD UNIT
- PIN
- 14" / 6" / 6" / 12" / 16"
- HALF UNITS
- 7" / 6" / LEFT / RIGHT / 12" / 8"
- CAP UNITS
- 16" / TYPE B / 5/8"
- 12" / 14"
- TYPE A
- 12" / 14"

TREE ROOT PRUNING AND TEMPORARY FENCE DETAIL

- TEMPORARY FENCE-AT DRIP LINE IF POSSIBLE, BUT NO LESS THAN 5 FEET FROM TRUNK OF TREE
- 6' STEEL POST (TYP)
- DRIP LINE
- ROOT PRUNING-10 FT ± PER TREE AT LOCATION MARKED BY THE ENGINEER

COMB CONCRETE CURB AND GUTTER DETAIL

- 1' OR AS DIRECTED BY THE ENGINEER
- 1 FT.
- CLASS SI CONCRETE (INCLUDED IN COST OF CURB AND GUTTER)
- PROPOSED CURB AND GUTTER
- 2-1" DOWEL BAR DRILLED AND GROUTED (INCLUDED IN COST OF CURB AND GUTTER)
- 4" / 4"
- SUB BASE GRANULAR MATERIAL, TYPE B, 4" (INCLUDED IN COST OF CURB AND GUTTER REMOVAL AND REPLACEMENT)
- CLASS D PATCHES, 2" (HMA SURFACE CSE,MIX D, N70))
- 24" LONG DEFORMED EPOXY COATED NO. 6 TIE BARS, 24" CTRS, 24" LONG (INCLUDED IN COST OF CURB AND GUTTER) (AT LOCATIONS WHERE EXISTING BASE IS P.C.C.)
- EXISTING HMA OR PCC BASE
- EXISTING HMA SURFACE

SEGMENTAL CONCRETE BLOCK WALL DETAIL

- 4" TOPSOIL (TYP.)
- COMPACTED BACKFILL (TYP.)
- CAP UNIT (GLUED)
- GEOSYNTHETIC REINFORCEMENT
- INTERLOCKING NON-CORROSIVE PIN
- COMPACTED CA-7 DRAINAGE AGGREGATE BACKFILL MINIMUM 12" THICK, TO 12" BEHIND WALL.
- WALL UNIT
- 4" PERFORATED PVC DRAINAGE TILE, PERFORATIONS FACING DOWN.
- PAY LIMIT
- GRADE ELEVATION AT BASE OF WALL
- PLACEMENT OF REINFORCEMENT FROM WALL BASE PER MANUFACTURERS SPECIFICATIONS
- 6" MIN.
- DEPTH OF BASE UNIT BELOW GRADE PER MANUFACTURERS SPECIFICATIONS.
- COMPACTED CA-6 BEDDING, THICKNESS PER MANUFACTURERS SPECIFICATIONS. (INCLUDED IN COST OF MODULAR CONCRETE RETAINING WALL)
- 6" MIN. / 6" / 6"
- UNDISTURBED SUBGRADE
- LENGTH OF REINFORCEMENT PER MANUFACTURERS SPECIFICATIONS

FILE NAME =	USER NAME =	DESIGNED — JDS	REVISED — 03/01/13			
		DRAWN — SMP	REVISED —	**STATE OF ILLINOIS**	**CONSTRUCTION DETAILS**	
	PLOT SCALE =	CHECKED — JDS	REVISED —	**DEPARTMENT OF TRANSPORTATION**	**OGDEN AVENUE**	
	PLOT DATE =	DATE — 12/12/12	REVISED —			

SCALE: NONE | SHEET NO. 16 OF 23 SHEETS | STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	11-00057-00-SW	DuPAGE	23	16

CONTRACT NO. 63819
ILLINOIS FED. AID PROJECT