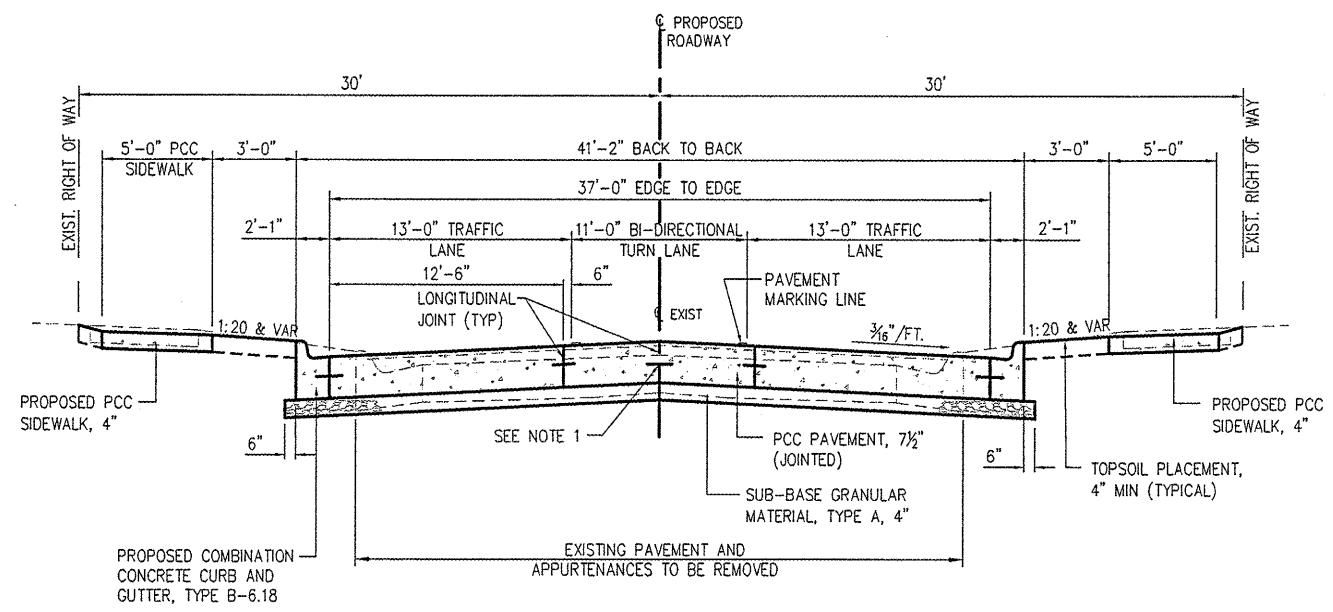


McClure
 Engineering Associates, Inc.
 Macomb, Illinois 61455
 714 East Jackson Street
 (618) 824-1300 FAX (618) 831-4909
 Design Firm License #184-000016 Copyright 2009 by McClure Engineering Associates, Inc.

PLOTTING SCALE: 1" = 1'
 DRAWN BY: TAG
 CHECKED BY: JAR
 DATE: MARCH 2009

NO.	REVISIONS	DATE

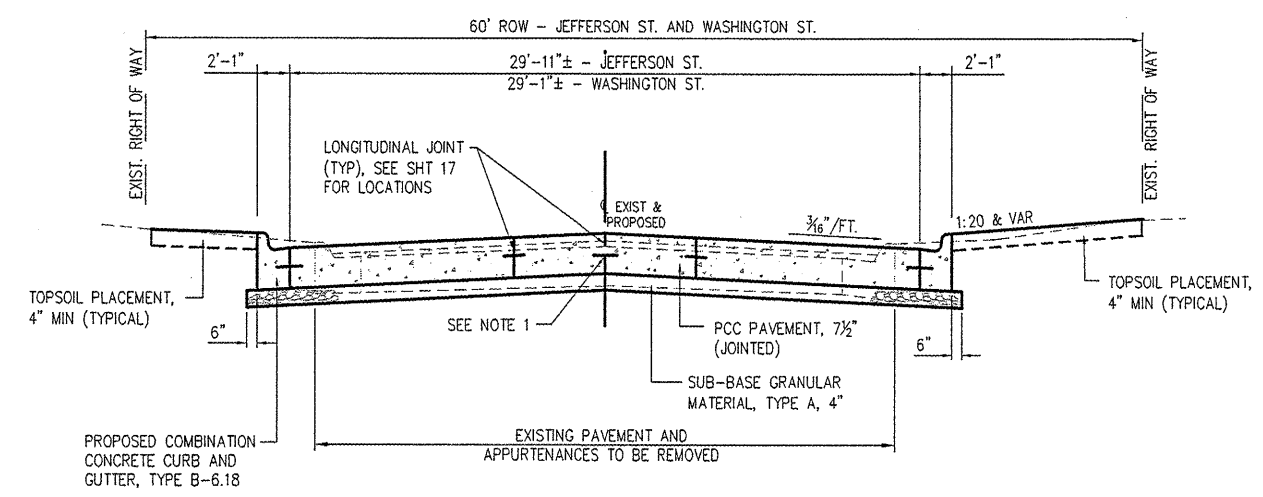
WARD STREET IMPROVEMENTS - PHASE 2
TYPICAL SECTIONS
 CITY OF MACOMB
 SOUTH WARD ST.
 FILE NAME: \\MACOMB\WARD\ST\PHASE 2\WARD-ST-PH2-TYPSEC.DWG FIELD BOOK No: 2257 JOB NUMBER: 01-26-0909



WARD STREET TYPICAL SECTION

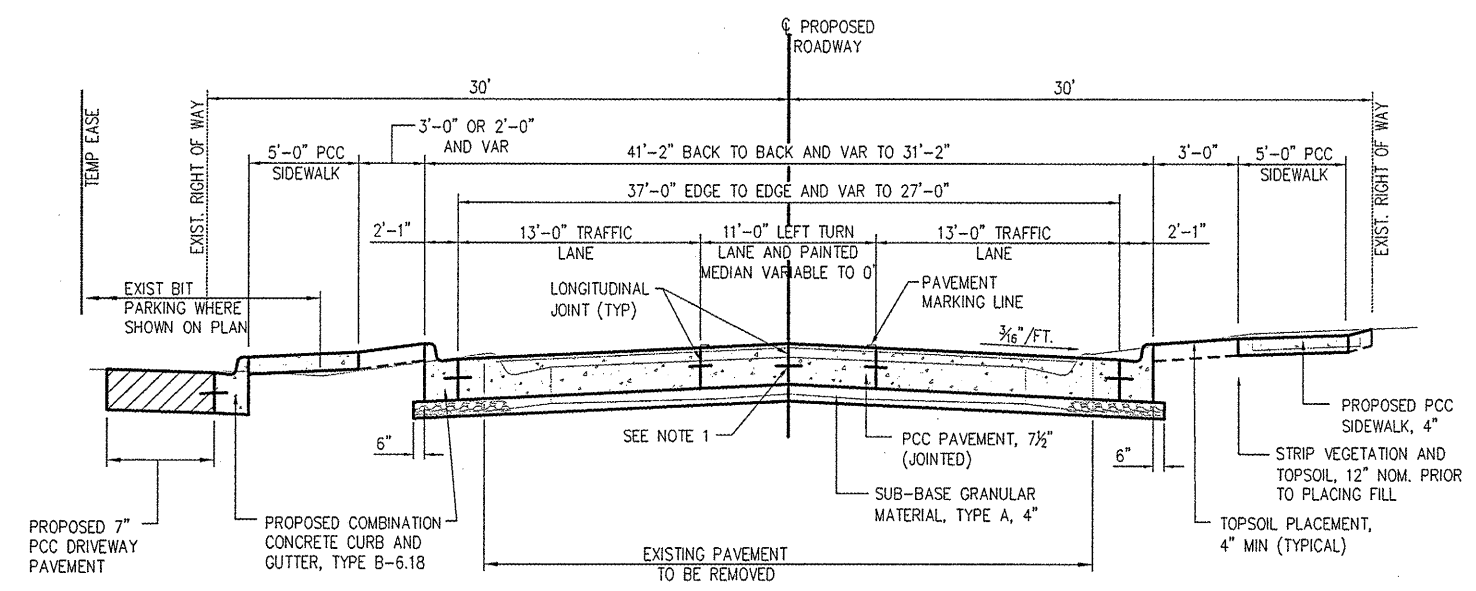
(STA. 328+72 TO STA. 335+21.53)
 (LOOKING NORTH)

NOTES:
 1. TIE BARS WILL BE REQUIRED IN ADDITION TO THE OTHERS SHOWN IF THE PAVEMENT IS CONSTRUCTED WITH A LONGITUDINAL CONSTRUCTION JOINT AT THE CENTERLINE.



TYPICAL SECTION

JEFFERSON ST. AND WASHINGTON ST.
 (LOOKING WEST)



WARD STREET TYPICAL SECTION

(STA. 335+21.53 TO STA. 336+99.88)
 (LOOKING NORTH)

STRUCTURAL DESIGN INFORMATION

FUNCTIONAL CLASSIFICATION - COLLECTOR
 PAVEMENT DESIGN PERIOD : 20 YEARS
 STRUCTURAL DESIGN TRAFFIC : YEAR 2019
 PV = 4825 (96.5%) SU = 150 (3%) MU = 25 (0.5%)
 ROAD/STREET CLASSIFICATION: CLASS II TWO WAY URBAN STREET
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE
 P = S = M = 50%

RIGID PAVEMENT DESIGN
 TF = 0.35
 SSR POOR
 TIED CURB AND GUTTER-5 OVERLOADS PER WEEK

BEGINNING THICKNESS	= 7.00"
TIED CURB AND GUTTER ADJUSTMENT	= - 0.25"
SUBGRADE SUPPORT (POOR-IMPROVED SUBGRADE)	= NO ADJ.
OVERLOADS	= + 0.26"
FINAL THICKNESS	= 7.01" (USE 7.5")
MAX TRAVERSE JOINT SPACING	= 12.5'

W:\PROJECTS\DRAWINGS\MACOMB\WARD ST\PHASE 2\WARD-ST-PH2-TYPSEC.DWG, TYP-SEC (2), 6/30/2009 10:53:17 AM