

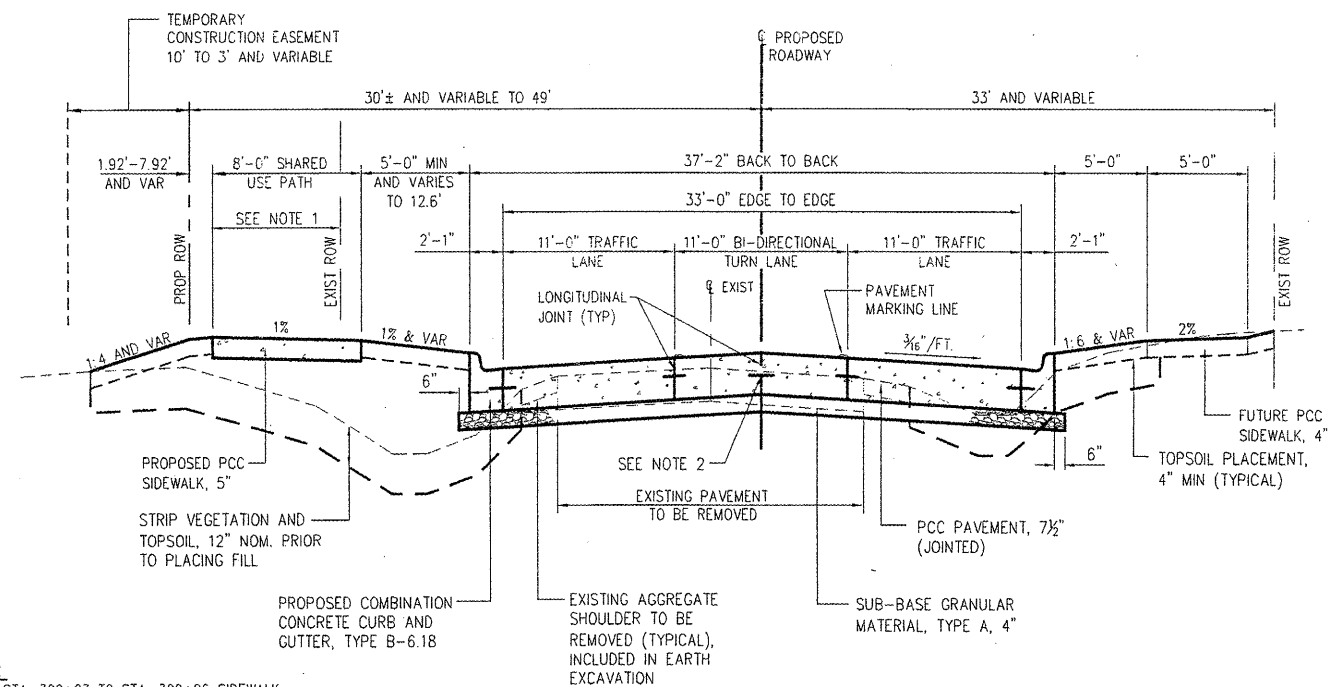
McClure
 Engineering Associates, Inc.
 714 East Jackson Street
 Macomb, Illinois 61455
 (309) 833-4594
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PLOTTING SCALE: 1" = 1'
 DRAWN BY: TAG/APS
 CHECKED BY: JAR
 DATE: OCTOBER 2008

NO.	REVISIONS	DATE

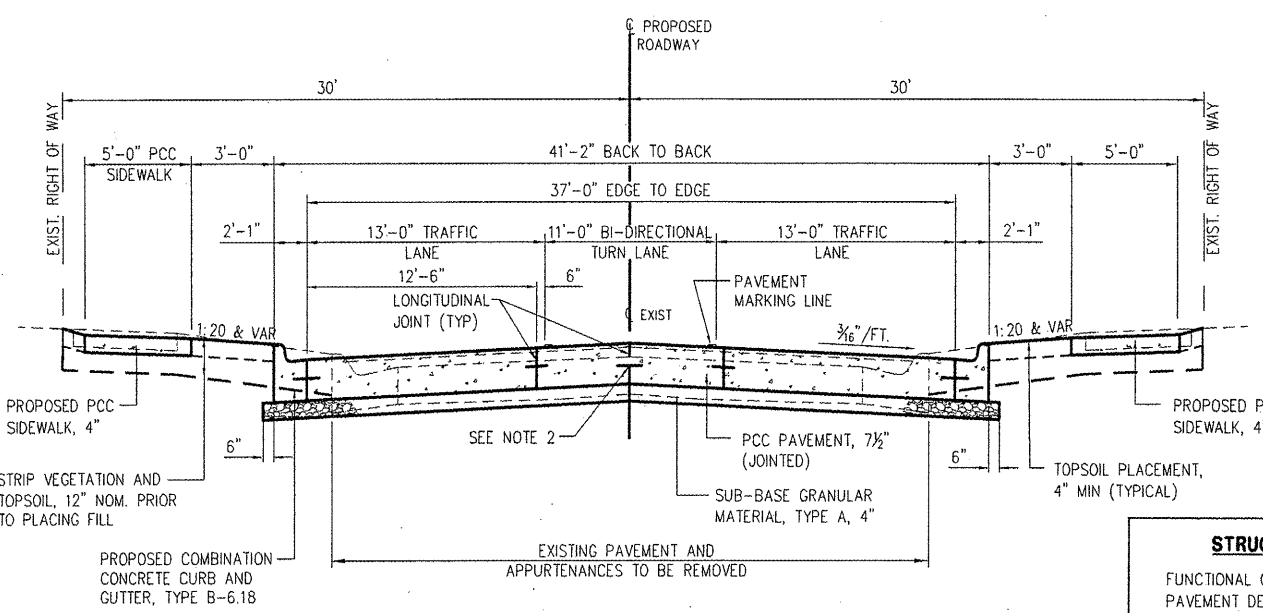
WARD STREET IMPROVEMENTS
TYPICAL SECTIONS
 CITY OF MACOMB

SOUTH WARD ST.
 FILE NAME: \\MACOMB\WARDST\WARD-ST-2007-TYPSEC.DWG
 FIELD BOOK No. 2257 JOB NUMBER: 03-28-08088



WARD STREET TYPICAL SECTION
 (GRANT STREET TO PIPER STREET)
 (STA. 300+03 TO 327+10)
 (LOOKING NORTH)

- NOTES:**
- FROM STA. 300+03 TO STA. 309+96 SIDEWALK TO BE CONSTRUCTED PARTIALLY IN A 5' WIDE PERMANENT SIDEWALK EASEMENT
 - THE BARS WILL BE REQUIRED IN ADDITION TO THE OTHERS SHOWN IF THE PAVEMENT IS CONSTRUCTED WITH A LONGITUDINAL CONSTRUCTION JOINT AT THE CENTERLINE.
 - IT IS ANTICIPATED THAT UNSUITABLE BASE MATERIAL MAY BE ENCOUNTERED FROM STA. 310+00 TO STA. 312+00 AND STA. 323+50 TO STA. 325+50. WHEN DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL OVEREXCAVATE 12" NOM AND PLACE GEOTECHNICAL FABRIC AND POURUS GRANULAR EMBANKMENT TO SUBGRADE



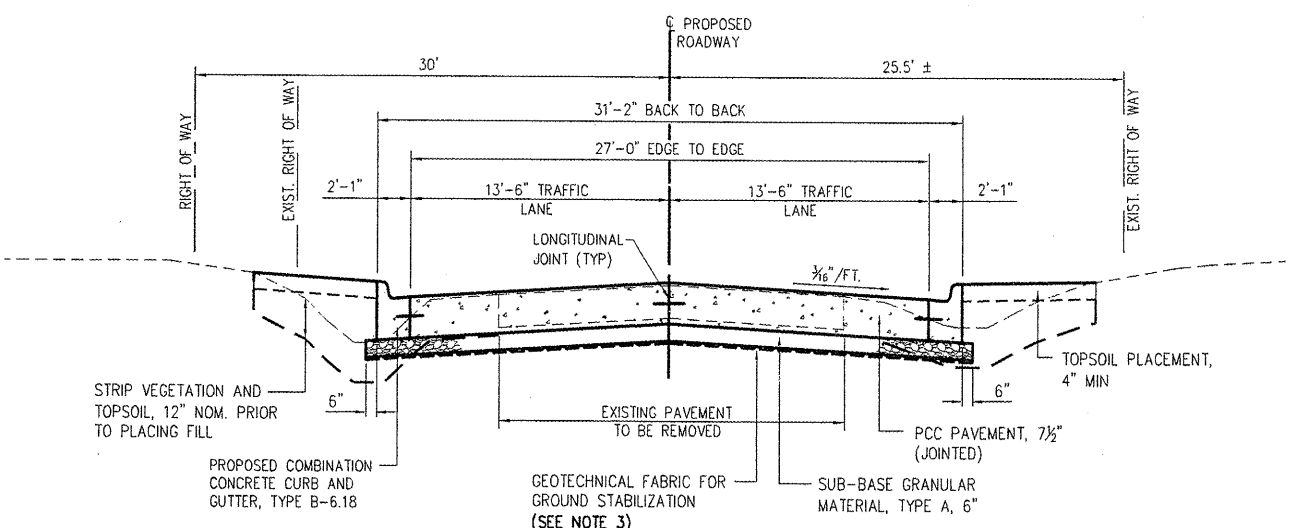
WARD STREET TYPICAL SECTION
 (PIPER STREET TO JEFFERSON STREET)
 (STA. 327+10 TO 328+72)
 (LOOKING NORTH)

STRUCTURAL DESIGN INFORMATION

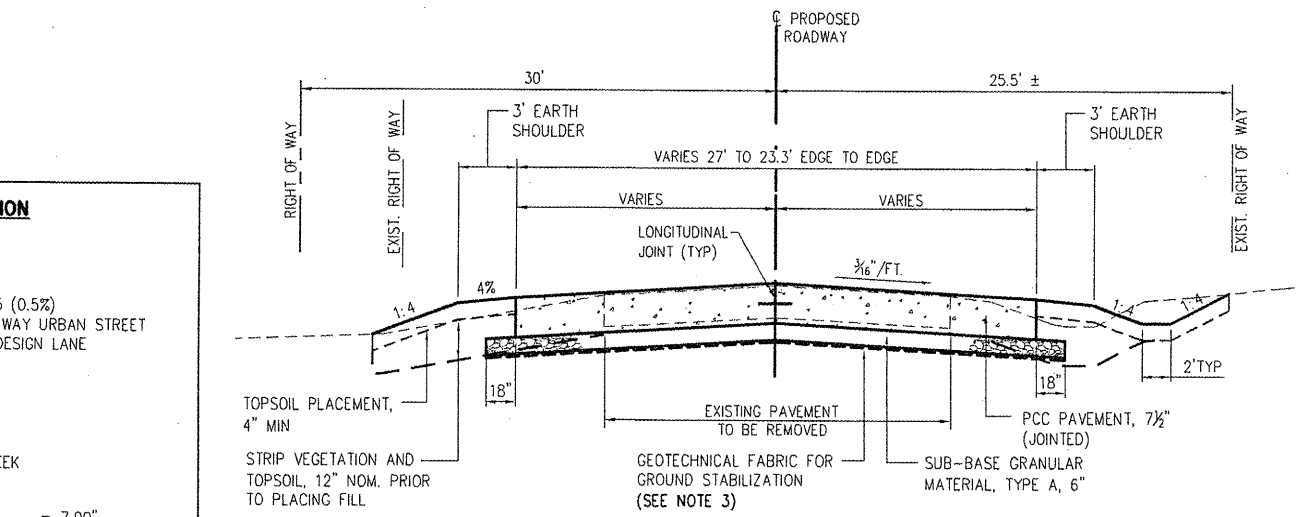
FUNCTIONAL CLASSIFICATION - COLLECTOR
 PAVEMENT DESIGN PERIOD : 20 YEARS
 STRUCTURAL DESIGN TRAFFIC : YEAR 2019
 PV = 4825 (96.5%) SU = 150 (3%) MU = 25 (0.5%)
 ROAD/STREET CLASSIFICATION: CLASS II TWO WAY URBAN STREET
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE
 P = S = M = 50%

RIGID PAVEMENT DESIGN
 IF = 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'



PIPER STREET TYPICAL SECTION
 (WEST OF WARD STREET - STA. 5+16.5 TO 6+20)
 (LOOKING WEST)



PIPER STREET TYPICAL SECTION
 (WEST OF WARD STREET - STA. 6+20 TO 7+20)
 (LOOKING WEST)