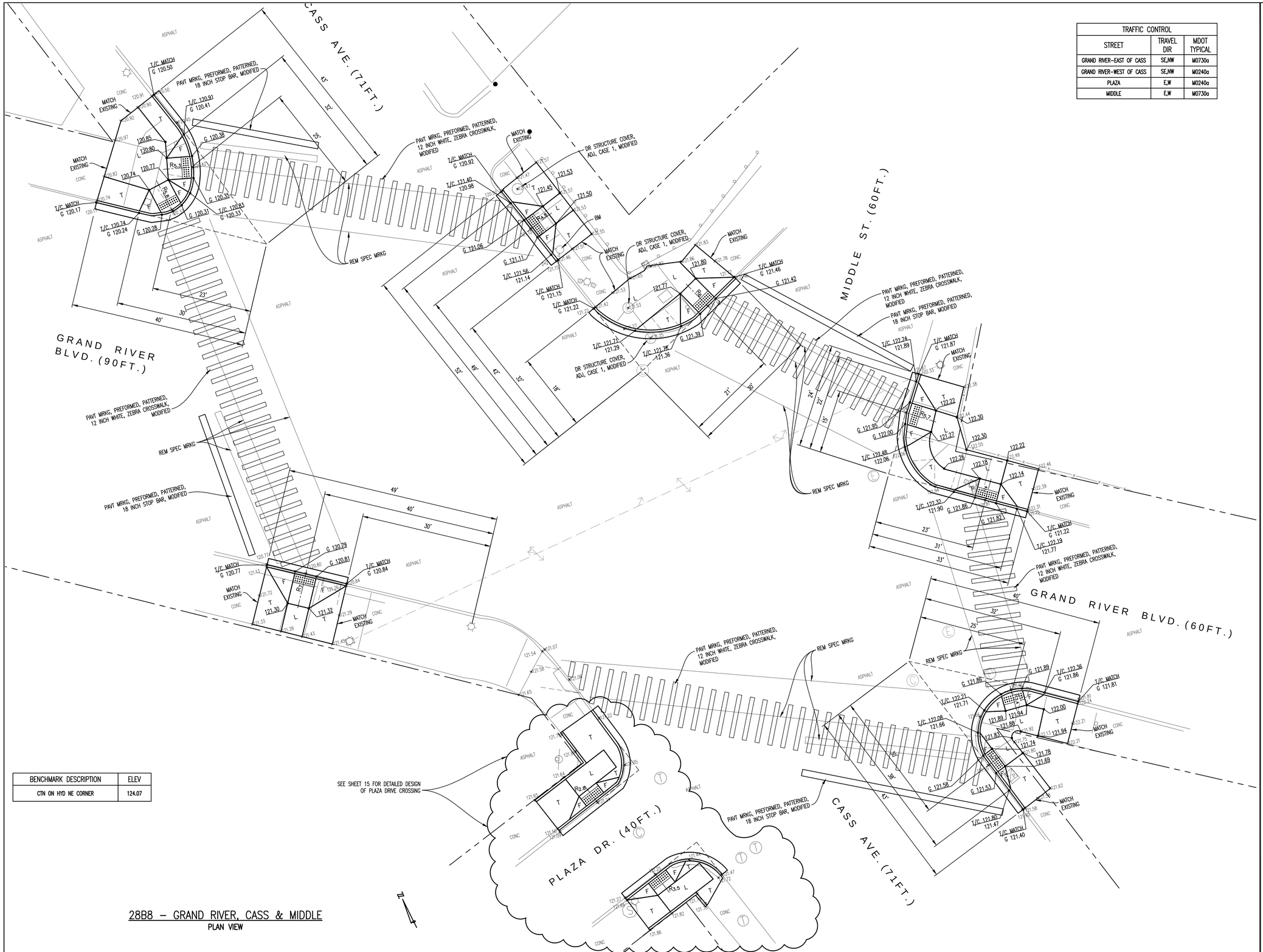
TRAFFIC CONTROL		
STREET	TRAVEL DIR	MDOT TYPICAL
GRAND RIVER-EAST OF CASS	SE,NW	M0730a
GRAND RIVER-WEST OF CASS	SE,NW	M0240a
PLAZA	E,W	M0240a
MIDDLE	E,W	M0730a

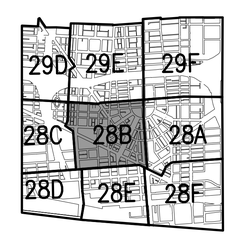
ESTIMATED QUANTITIES

GRAND RIVER, CASS AND MIDDLE		
ITEM DESCRIPTION	UNIT	QUANTITY
Sidewalk, Rem	Syd	216
Curb, Rem, Modified	Ft	228
Pavt, Rem, Modified	Syd	40
Dr Structure Cover, Adj, Case 1, Modified	Ea	3
Hand Patching	Ton	8.65
Lane Tie, Epoxy Anchored	Ea	81
HMA Surface Rem, Modified	Syd	51
Curb and Gutter, Conc, Det C3, Modified	Ft	228
Sidewalk, Conc, 4 inch, Modified	Sft	810
Sidewalk Ramp, ADA, 6 inch, Modified	Sft	1134
24 inch x 60 inch Detectable Warning Surface Tiles, Modified	Ea	9
Rem Spec Mrkg	Sft	935
Pavt Mrkg, Preformed, Patterned, 12 inch White, Zebra Crosswalk, Modified	Ft	1150
Pavt Mrkg, Preformed, Patterned, 18 inch Stop Bar, Modified	Ft	149



BENCHMARK DESCRIPTION	ELEV
CTN ON HYD NE CORNER	124.07

28B8 – GRAND RIVER, CASS & MIDDLE
PLAN VIEW



KEY PLAN

ISSUE	BY	CHK'D	APP'D	DATE

CITY OF DETROIT
DEPARTMENT OF PUBLIC WORKS
CITY ENGINEERING DIVISION

SCALE: 0 5 10 20 — SCALE: 1" = 10'

DESIGNED BY CC, KP, MA, KJ
CHECKED BY RAK
APPROVED BY GMP

Prime Consultant: TUCKER, YOUNG JACKSON, TULL INC.
CONSULTING ENGINEERS PLANNERS
565 E. LARNED SUITE 300 DETROIT, MICHIGAN 48226
(313) 963-0612 FAX (313) 963-2156 WWW.TYJT.COM

Sub Consultants: BBF ENGINEERING SERVICES, P.C. / H. R. Gray For Construction Success / METCO

PROJECT: ADA SIDEWALK RAMP CONSTRUCTION
SHEET TITLE: INTERSECTION DETAILS
CONTRACT NUMBER: 105541A
DATE: 10-1-09
SHEET NO. 49