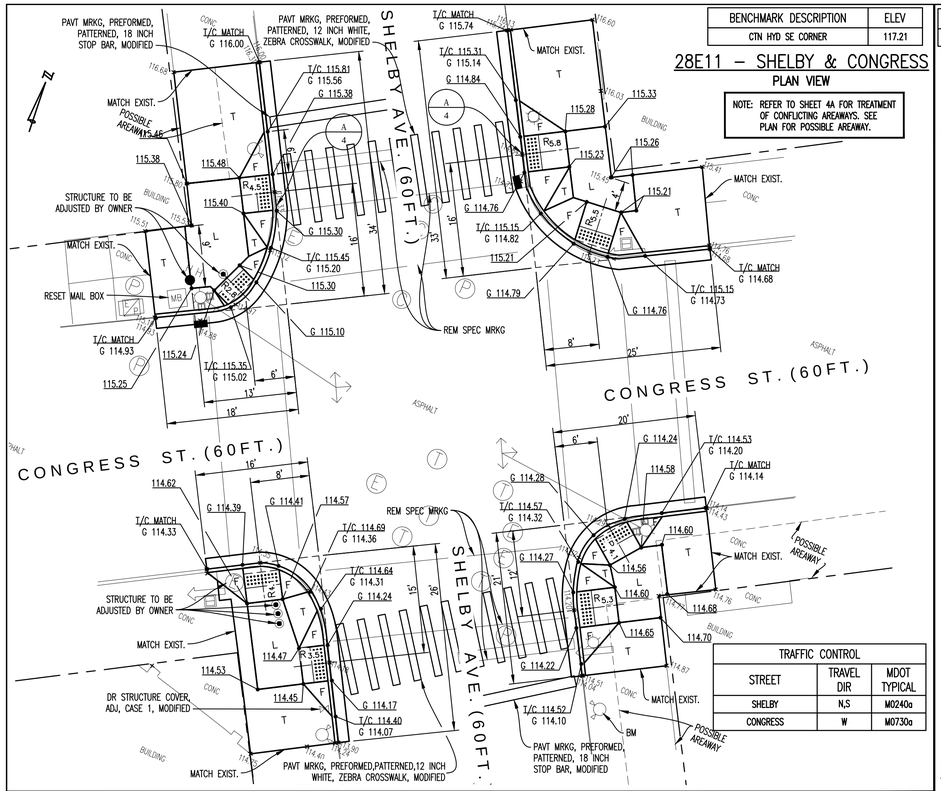
BENCHMARK DESCRIPTION	ELEV
CTN HYD SE CORNER	117.21

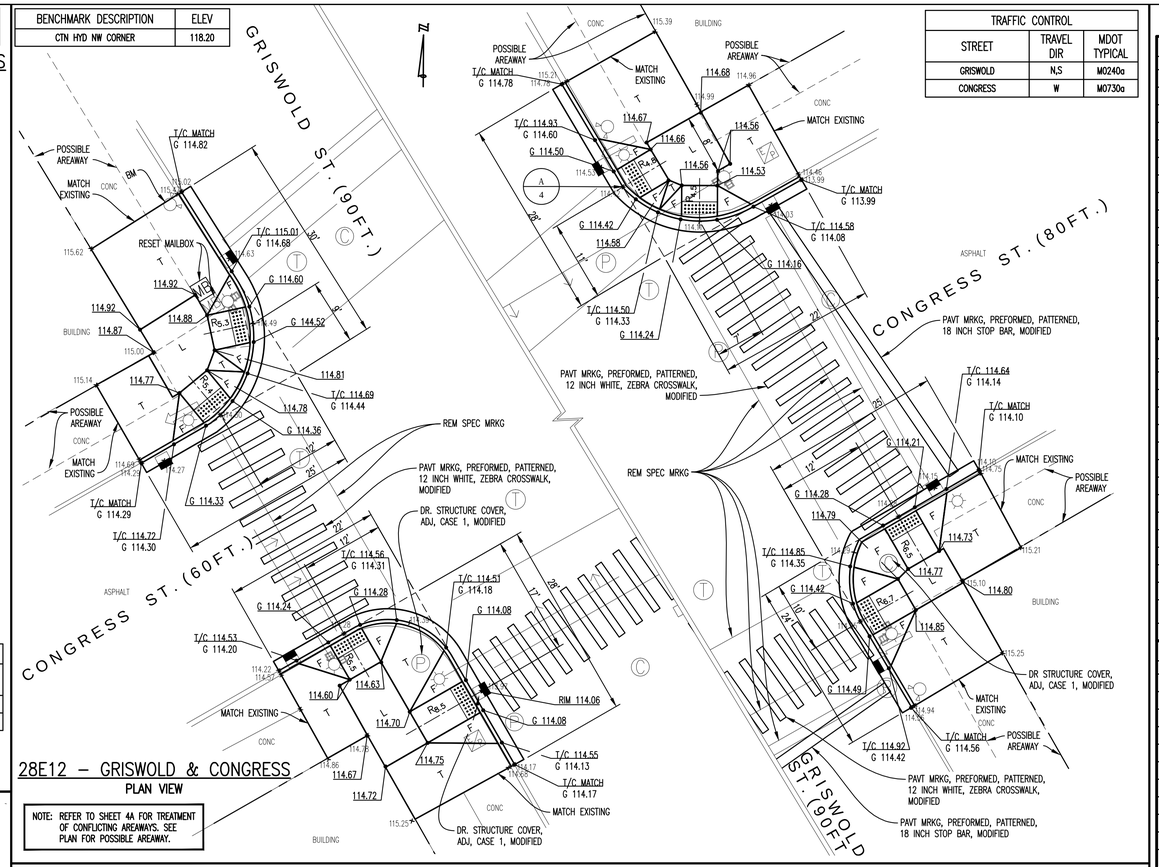


28E11 – SHELBY & CONGRESS
PLAN VIEW

NOTE: REFER TO SHEET 4A FOR TREATMENT OF CONFLICTING AREAWAYS. SEE PLAN FOR POSSIBLE AREAWAY.

TRAFFIC CONTROL		
STREET	TRAVEL DIR	MDOT TYPICAL
SHELBY	N,S	M0240a
CONGRESS	W	M0730a

BENCHMARK DESCRIPTION	ELEV
CTN HYD NW CORNER	118.20

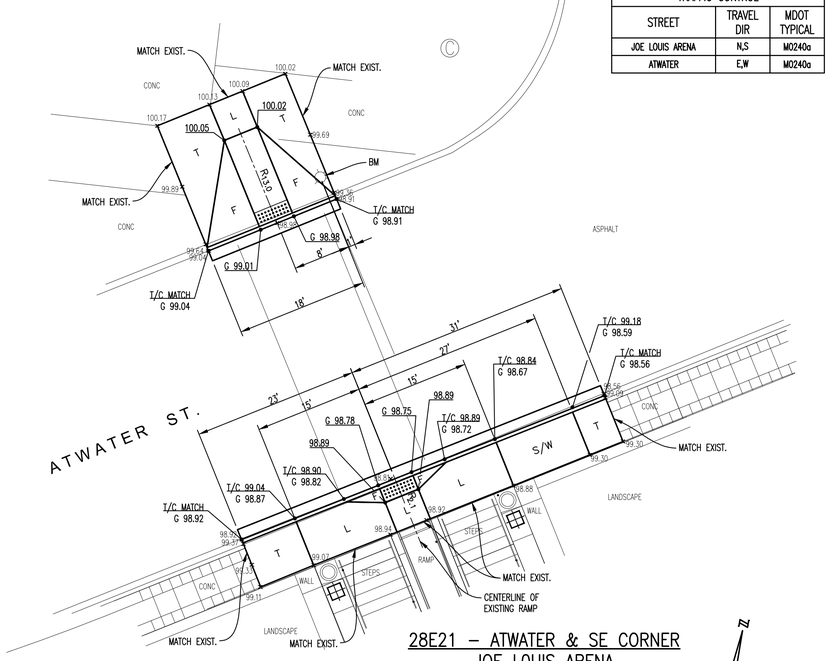


28E12 – GRISWOLD & CONGRESS
PLAN VIEW

NOTE: REFER TO SHEET 4A FOR TREATMENT OF CONFLICTING AREAWAYS. SEE PLAN FOR POSSIBLE AREAWAY.

TRAFFIC CONTROL		
STREET	TRAVEL DIR	MDOT TYPICAL
GRISWOLD	N,S	M0240a
CONGRESS	W	M0730a

BENCHMARK DESCRIPTION	ELEV
NE BOLT ON LP BASE NW CORNER	100.26

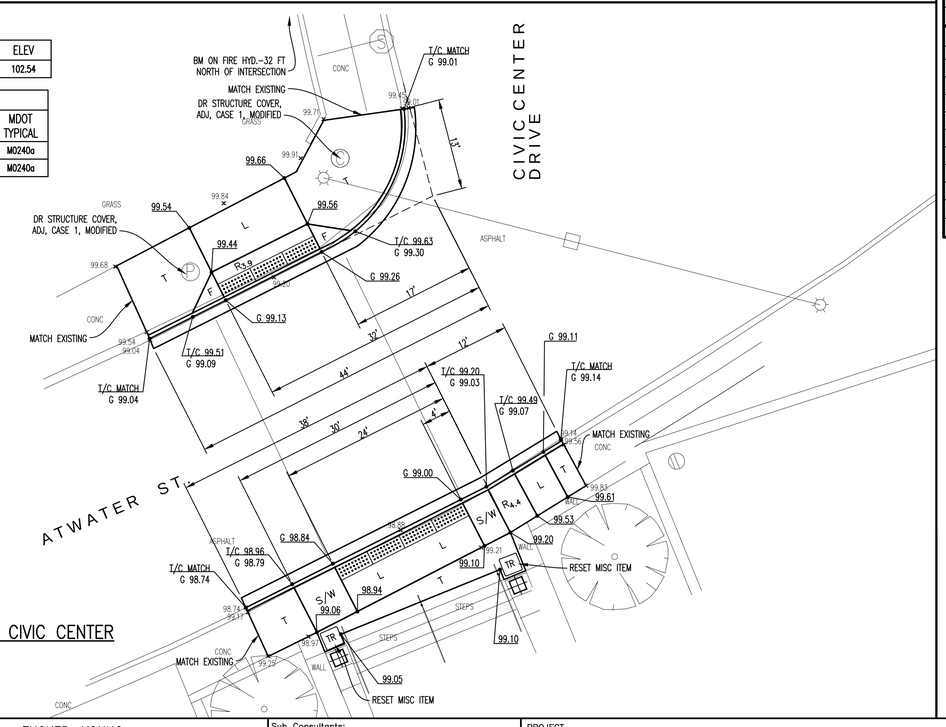


28E21 – ATWATER & SE CORNER JOE LOUIS ARENA
PLAN VIEW

TRAFFIC CONTROL		
STREET	TRAVEL DIR	MDOT TYPICAL
JOE LOUIS ARENA	N,S	M0240a
ATWATER	E,W	M0240a

BENCHMARK DESCRIPTION	ELEV
CTN HYD NW CORNER	102.54

TRAFFIC CONTROL		
STREET	TRAVEL DIR	MDOT TYPICAL
CIVIC CENTER DRIVE	N,S	M0240a
ATWATER	E,W	M0240a



28E19 – ATWATER & CIVIC CENTER
PLAN VIEW

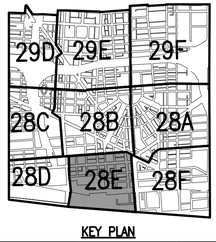
ESTIMATED QUANTITIES

CONGRESS & SHELBY		
ITEM DESCRIPTION	UNIT	QUANTITY
Sidewalk, Rem	Syd	168
Curb, Rem, Modified	Ft	175
Pavt, Rem, Modified	Syd	30
HMA Surface, Rem, Modified	Syd	40
Lane Tie, Epoxy Anchored	Ea	62
Dr Structure Cover, Adj, Case 1, Modified	Ea	1
Reset Mail Box	Ea	1
Hand Patching	Ton	6.62
Curb and Gutter, Conc, Det C3, Modified	Ft	175
Sidewalk, Conc, 4 inch, Modified	Sft	830
Sidewalk Ramp, ADA, 6 inch , Modified	Sft	685
Rem Spec Mrkg	Sft	268
Pavt Mrkg, Preformed, Patterned, 18 inch Stop Bar, Modified	Ft	32
Pavt Mrkg, Preformed, Patterned, 12 inch White, Zebra Crosswalk, Modified	Ft	220
24 inch x 60 inch Detectable Warning Surface Tiles, Modified	Ea	8

CONGRESS & GRISWOLD		
ITEM DESCRIPTION	UNIT	QUANTITY
Sidewalk, Rem	Syd	209
Curb, Rem, Modified	Ft	186
Pavt, Rem, Modified	Syd	32
HMA Surface, Rem, Modified	Syd	42
Lane Tie, Epoxy Anchored	Ea	66
Dr Structure Cover, Adj, Case 1, Modified	Ea	3
Hand Patching	Ton	7.03
Relocate/Reset Mailbox	Ea	1
Curb and Gutter, Conc, Det C3, Modified	Ft	186
Sidewalk, Conc, 4 inch, Modified	Sft	1115
Sidewalk Ramp, ADA, 6 inch, Modified	Sft	770
Rem Spec Mrkg	Ft	458
Pavt Mrkg, Preformed, Patterned, 18 inch Stop Bar, Modified	Ft	72
Pavt Mrkg, Preformed, Patterned, 12 inch White, Zebra Crosswalk, Modified	Ft	350
24 inch x 60 inch Detectable Warning Surface Tiles, Modified	Ea	8

ATWATER & CIVIC CENTER DRIVE		
ITEM DESCRIPTION	UNIT	QUANTITY
Sidewalk, Rem	Syd	108
Curb, Rem, Modified	Ft	102
Pavt, Rem, Modified	Syd	18
HMA Surface, Rem, Modified	Syd	24
Lane Tie, Epoxy Anchored	Ea	36
Dr Structure Cover, Adj, Case 1, Modified	Ea	2
Reset Misc Item	Ea	2
Hand Patching	Ton	3.92
Curb and Gutter, Conc, Det C3, Modified	Ft	102
Sidewalk, Conc, 4 inch, Modified	Sft	545
Sidewalk Ramp, ADA, 6 inch, Modified	Sft	385
24 inch x 60 inch Detectable Warning Surface Tiles, Modified	Ea	7

JOE LOUIS ARENA & ATWATER		
ITEM DESCRIPTION	UNIT	QUANTITY
Sidewalk, Rem	Syd	80
Curb, Rem, Modified	Ft	77
Pavt, Rem, Modified	Syd	14
HMA Surface, Rem, Modified	Syd	18
Lane Tie, Epoxy Anchored	Ea	28
Hand Patching	Ton	3.00
Curb and Gutter, Conc, Det C3, Modified	Ft	77
Sidewalk, Conc, 4 inch, Modified	Sft	330
Sidewalk Ramp, ADA, 6 inch, Modified	Sft	385
24 inch x 60 inch Detectable Warning Surface Tiles, Modified	Ea	2



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. 25