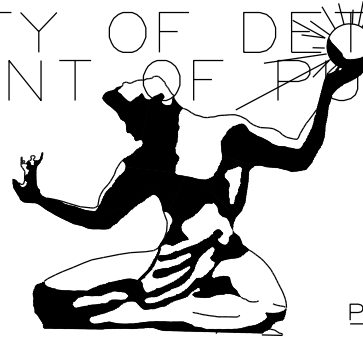


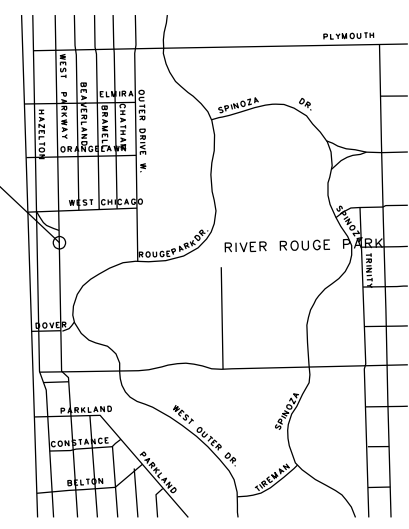
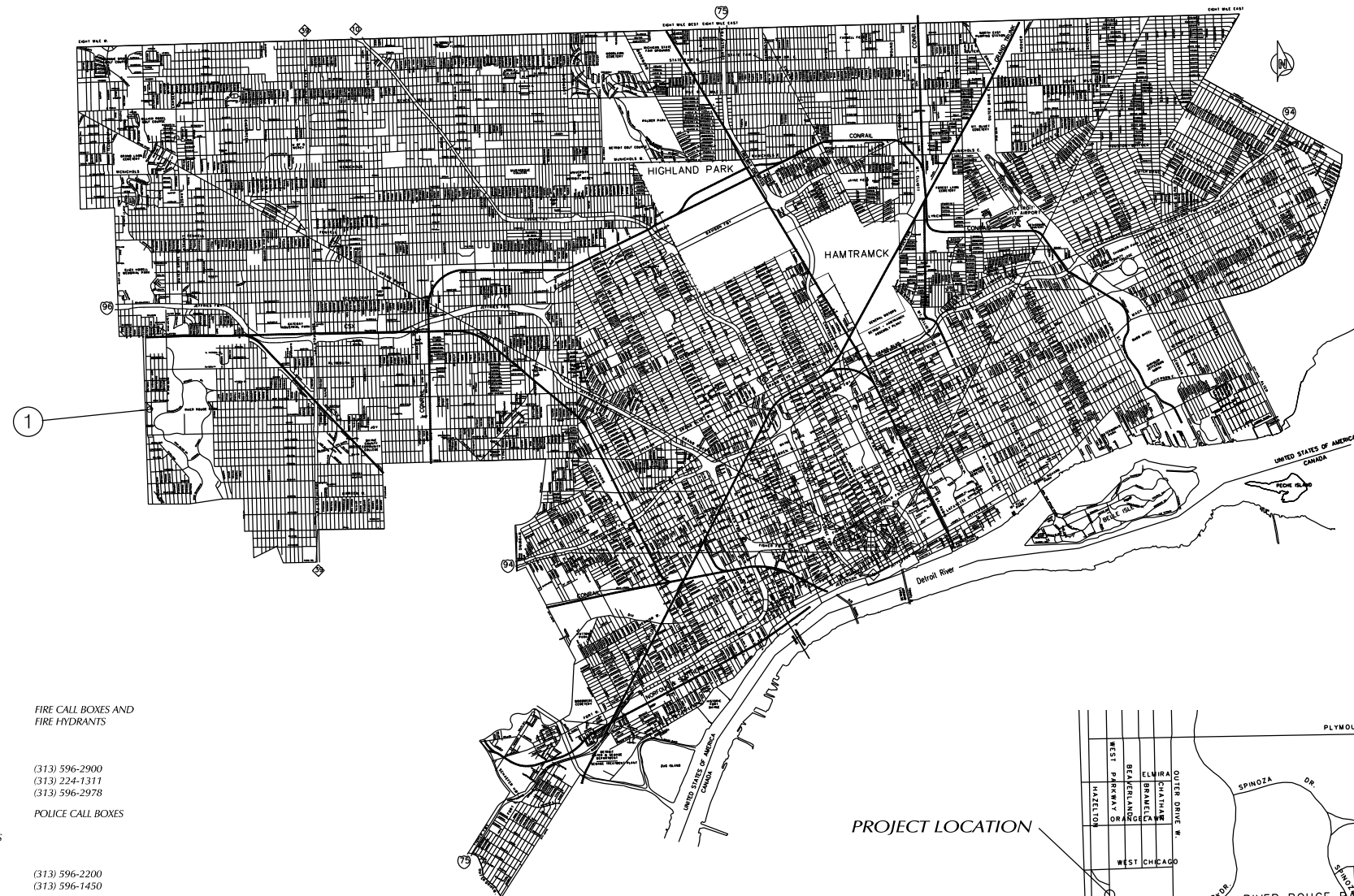
# CITY OF DETROIT DEPARTMENT OF PUBLIC WORKS



CONTROL SECTION  
XXX XXXXX

PROJECT JOB NO.  
PW-6987

## CULVERT REPLACEMENT PROJECT REPLACEMENT OF THE W. PARKWAY CULVERT OVER ROUGE RIVER



THE DESIGN OF THIS STRUCTURE IS BASED ON CURRENT AMERICAN ASSOCIATION OF THE STATE HIGHWAY AND TRANSPORTATION OFFICIALS, (AASHTO), FOR HIGHWAY BRIDGES HS 25 LOADING. LIVE LOAD PLUS IMPACT DEFLECTION DOES NOT EXCEED 1/800 OF THE SPAN LENGTH. THE LOAD FACTOR METHOD OF DESIGN WAS USED FOR THIS STRUCTURE.

EXCEPT WHERE OTHERWISE INDICATED ON THESE PLANS, THE PROPOSAL AND SUPPLEMENTAL SPECIFICATIONS CONTAINED HEREIN, ALL MATERIALS AND WORKMANSHIP SHALL BE ACCORDANCE WITH THE MICHIGAN DEPARTMENT OF TRANSPORTATION STANDARDS SPECIFICATIONS FOR CONSTRUCTION 2003 EDITION.

ALL EXPOSED CONCRETE CORNERS SHOWN SQUARE ON THE PLANS SHALL BE BELIEVE WITH 1/2" TRIANGULAR MOLDINGS EXCEPT AS OTHERWISE NOTED.

THE DESIGN OF THE STRUCTURAL MEMBERS IS BASED ON MATERIALS OF THE FOLLOWING GRADES AND STRESSES.

- CONCRETE: GRADE S2  $f'c = 3,000$  PSI
- CONCRETE: GRADE D  $f'c = 4,000$  PSI
- STEEL REINFORCEMENT:  $f_y = 60,000$  PSI
- PRESTRESSED CONCRETE:  $f'c = 5,000$  PSI

ALL DIMENSIONS ON THESE PLANS ARE IN INCHES EXCEPT AS NOTED.

### INDEX OF SHEETS

SHEET NO.	DESCRIPTION	# OF SHEET
1	TITLE SHEET	1
2		1
3		1
4		1
5		1
6		1

### STANDARD PLANS

WHERE THE FOLLOWING ITEMS ARE CALLED FOR ON THE PLANS THEY ARE TO BE CONSTRUCTED ACCORDING TO THE STANDARDS PLAN GIVEN BELOW OPPOSITE EACH ITEM UNLESS OTHERWISE INDICATED

### PUBLIC UTILITIES

<p>AT&amp;T METRO EAST 100 S MAIN ST, SUITE 314 MT CLEMENS, MI 487043-2374 JOE SIKOKI</p> <p>RIGHT OF WAY- METRO WEST 17631 MICHIGAN AVE., RM 301 DEARBORN, MI 48126 KEVIN LOGAN CELL FAX K129152att.com MARK BRANAM Mark.branam@att.com BRADLEY HALL Bradley.x.hall@att.com DEREK BULKLEY Derek.m.bulkley@att.com</p> <p>NOTE: AT&amp;T WILL REQUIRE FIVE TO SEVEN BUSINESS DAYS ADVANCE NOTICE PRIOR TO ADJUSTING FRAMES AND COVERS. CONTACT AT&amp;T AT (734) 523-6883.</p> <p>CITY OF DETROIT PUBLIC LIGHTING AUTHORITY OF DETROIT 65 CADILLAC SQUARE, SUITE 3100 DETROIT, MI 48226 PHONE WEBSITE: www.pladetroit.org</p> <p>CITY OF DETROIT DETROIT WATER &amp; SEWERAGE DEPARTMENT 6425 HUBER (CSF) A-219 DETROIT, MI 48211 DEBRA SINGLETON dsingleton@dvsd.org EMERGENCY 24 HOUR SERVICE</p>	<p>TELEPHONE (586) 466-6310</p> <p>(313) 240-5482 (734) 223-5645 (313) 982-1029</p> <p>(313) 240-5390 (313) 466-1049</p> <p>(313) 240-5480</p> <p>(313) 324-8290</p> <p>(313) 267-8309 (313) 267-7401</p>	<p>CITY OF DETROIT DETROIT FIRE DEPARTMENT FIRE MARSHAL'S DIVISION 1301 THIRD STREET DETROIT, MI 48226 PHONE CHIEF OTIS B. HOLT FAX</p> <p>CITY OF DETROIT, DETROIT POLICE DEPARTMENT DETROIT PUBLIC SAFETY HEADQUARTERS 1301 THIRD STREET DETROIT, MI 48226 PHONE FAX</p> <p>CITY OF DETROIT TRAFFIC ENGINEERING, D.P.W. 2633 MICHIGAN AVENUE DETROIT, MI 48207 ASHOK PATEL FAX AshPat@detroitmi.gov JUBI CHACKUNKAL Jubi.Cha@detroitmi.gov KIRIT PATEL Patelki@detroitmi.gov</p> <p>SIGN SHOP 2425 FENKELL DETROIT, MI 48238 SIGN SHOP MANAGE FAX</p> <p>COMCAST CABLEVISION 12775 LYNDON DETROIT, MI 48227 BENE CUMMINGS FAX</p>	<p>FIRE CALL BOXES AND FIRE HYDRANTS (313) 596-2900 (313) 224-1311 (313) 596-2978</p> <p>POLICE CALL BOXES (313) 596-2200 (313) 596-1450</p> <p>PAVEMENT MARKINGS, SIGNS &amp; TRAFFIC SIGNALS (313) 224-1610 (313) 224-1304</p> <p>(313) 224-1315 (313) 407-4124 (313) 628-5641</p> <p>SIGNS REMOVALS &amp; INSTALLATIONS (313) 628-2923 (313) 628-4966</p> <p>TV CABLES (313) 934-2600 (313) 934-4824</p>	<p>DTE, GAS COMPANY ONE ENERGY PLAZA-WCB1722 DETROIT, MI 48226 DAVE ORZEL orzeld@dteenergy.com</p> <p>DTE, ELECTRIC COMPANY ONE ENERGY PLAZA ICS GROUP, 5188B DETROIT, MI 48226 ROBIN O'CONNELL FAX EXPOSED OR DAMAGED FACILITIES</p> <p>DTE, ENERGY/MICHIGAN GAS DATA INTEGRITY GAS ONE ENERGY PLAZA-WCB1836 DETROIT, MI 48226 BARBARA SAUNDERS CELL EXPOSED OR DAMAGED FACILITIES</p>	<p>HIGH PRESSURE GAS TRANSMISSION (313) 235-1135</p> <p>ELECTRIC POWER (313) 235-5632 (313) 235-9366 (313) 237-9564</p> <p>GAS MAINS (313) 235-5111 (313) 920-4488 (800) 477-4747</p>	<p>NOTE: CONTACT DTE TEN (10) WORKING DAYS PRIOR TO THE CONSTRUCTION START DATE TO COORDINATE ADJUSTMENTS FOR DETROIT EDISON MANHOLES.</p> <p>DETROIT THERMAL LLC 541 MADISON DETROIT, MI 48226 TOM MONRO FAX</p> <p>ITC HOLDINGS CORP. 27175 ENERGY WAY NOVI, MI 48377 BRIANNA KOTELES bkoteles@icttransco.com</p> <p>MISS DIG CALL THREE (3) WORKING DAYS BEFORE YOU DIG (800) 482-7171 OR 811</p> <p>WAYNE COUNTY TRAFFIC OFFICE 29900 GODDARD RD. DETROIT, MI 48242 PHONE (734) 955-2154</p>	<p>STEAM LINES (313) 921-1922 (313) 921-1972</p> <p>ELECTRICITY TRANSMISSION COMPANY (248) 946-3322</p> <p>ALL UNDERGROUND UTILITIES</p>
---	---	---	---	---	---	--	--



DESIGNED BY LA		Date: 12/04/2017
Drawn WLW	Checked By: ---	Approved By: ---
Job No: PW-6987		
CONTRACT FOR: <b>REPLACEMENT OF THE W. PARKWAY CULVERT OVER ROUGE RIVER</b>		
LOCAL AUTHORITY APPROVAL CITY OF DETROIT DEPARTMENT OF PUBLIC WORKS CITY ENGINEERING DIVISION		
APPROVED BY: _____ DATE: _____		
PREPARED UNDER THE SUPERVISION OF		
_____ REGISTERED PROFESSIONAL ENGINEER		_____ REGISTRATION NO.
CITY OF DETROIT ORGANIZATION		
CITY ENGINEERING DIVISION, D.P.W. 2 WOODWARD AVE., SUITE 601 DETROIT MI 48216 ADDRESS		
SHEET ___ OF ___		

CONTROL SECTION NO.: XXX XXXXX  
JOB NO.: PW-6987