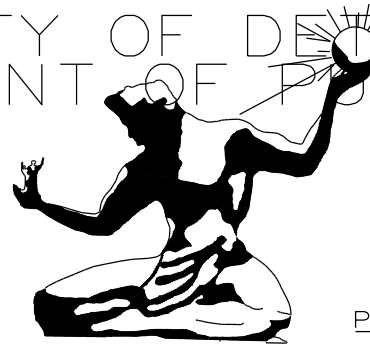


INDEX OF SHEETS

SHEET NO.	DESCRIPTION	# OF SHEET
1	TITLE SHEET	1
2	_____	1
3	_____	1
4	_____	1
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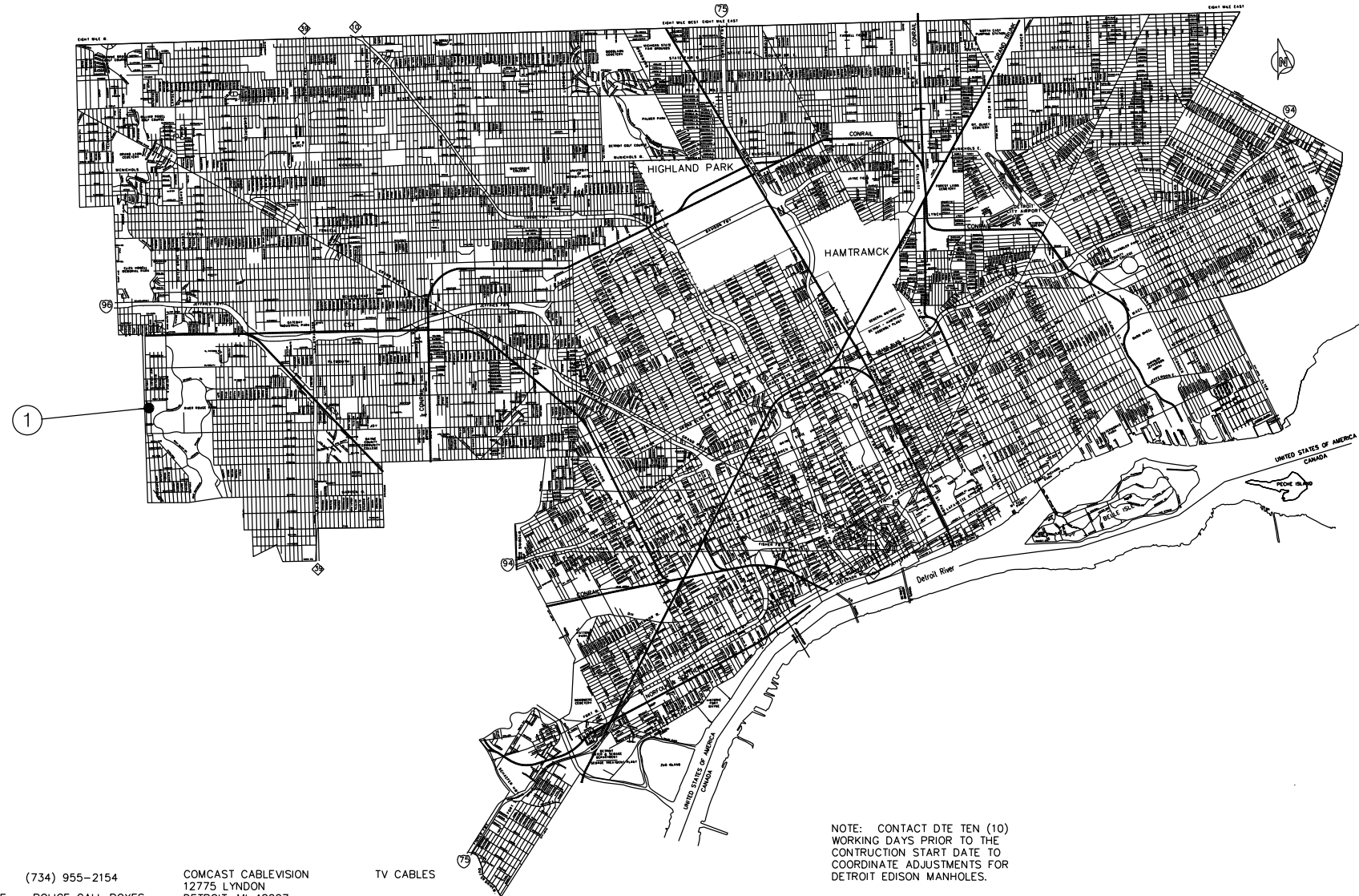
CITY OF DETROIT  
DEPARTMENT OF PUBLIC WORKS



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 MS18 LOADING. LIVE LOAD PLUS IMPACT DEFLECTION DOES NOT EXCEED 1/1000 OF THE SPAN LENGTH.

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 1996 EDITION.

THE STATIONING AS SHOWN ON THESE PLANS FOR THE INTERSECTION OF THE CENTERLINE OF THE BRIDGE AND ROADWAY CENTERLINE IS BELIEVED TO BE CORRECT. IT SHALL, HOWEVER BE CHECKED AT THE TIME OF STARTING CONSTRUCTION AND IF THE STATIONING SHOWN ON THE PLANS IS INCORRECT IT SHALL BE REPORTED TO THE DESIGN OFFICE IN DETROIT AND THE STRUCTURE SHALL BE STAKED OUT USING THE ACTUAL INTERSECTION OF THE CENTERLINE OF THE BRIDGE AND ROADWAY CENTERLINE AS THE CONTROL POINT.

ALL EXPOSED CONCRETE CORNERS SHOWN SQUARE ON THE PLANS SHALL BE BELIEVE WITH 13 MM 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  $f'c = 21$  MPa  
CONCRETE: GRADE D  $f'c = 21$  MPa  
STEEL REINFORCEMENT:  $f'c = 21$  MPa

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



PUBLIC UTILITIES

MISS DIG ALL UNDERGROUND UTILITIES  
CALL THREE (3) WORKING DAYS BEFORE YOU DIG  
(800) 482-7171 OR 811

CITY OF DETROIT PUBLIC LIGHTING AUTHORITY OF DETROIT  
65 CADILLAC SQUARE, SUITE 3100  
DETROIT, MI 48226  
PHONE (313) 324-8290  
WEBSITE: www.pladetroit.org

ELECTRIC POWER AND STREET LIGHTING

CITY OF DETROIT DETROIT WATER & SEWERAGE DEPARTMENT  
6425 HUBER (CSF) A-219  
DETROIT, MI 48211  
DEBRA SINGLETON  
dsingleton@wsd.org  
EMERGENCY 24 HOUR SERVICE (313) 267-8309 (313) 267-7401

WATER MAINS & SEWERS

CITY OF DETROIT DETROIT FIRE DEPARTMENT  
FIRE MARSHAL'S DIVISION  
1301 THIRD STREET  
DETROIT, MI 48226  
PHONE (313) 596-2900 (313) 224-1311 (313) 596-2978  
FAX

FIRE CALL BOXES AND FIRE HYDRANTS

WAYNE COUNTY TRAFFIC OFFICE  
29900 GODDARD RD.  
DETROIT, MI 48242  
PHONE (734) 955-2154

CITY OF DETROIT, DETROIT POLICE DEPARTMENT  
DETROIT PUBLIC SAFETY HEADQUARTERS  
1301 THIRD STREET  
DETROIT, MI 48226  
PHONE (313) 596-2200 (313) 596-1450

CITY OF DETROIT TRAFFIC ENGINEERING, D.P.W.  
2633 MICHIGAN AVENUE  
DETROIT, MI 48207  
ASHOK PATEL (313) 224-1610 (313) 224-1304  
FAX  
AshPot@detroitmi.gov  
JUBI CHACKUNKAL (313) 224-1315 (313) 407-4124  
Kirit Patel (313) 628-5641  
Patelki@detroitmi.gov

PAVEMENT MARKINGS, SIGNS & TRAFFIC SIGNALS

RIGHT OF WAY- METRO WEST  
17651 MICHIGAN AVE., RM 301  
DEARBORN, MI 48126  
KEVIN LOGAN (313) 240-5482 (734) 223-5645  
CELL (313) 982-1029  
FAX K129152att.com (313) 240-5390  
MARK BRANAM Mark.branam@ott.com (313) 466-1049  
BRADLEY HALL Bradley.x.hall@ott.com (313) 240-5480  
DEREK BULKLEY Derek.m.bulkley@ott.com

SIGN SHOP 2425 FENKELL  
DETROIT, MI 48238  
PHONE (313) 628-2923 (313) 628-4966  
FAX

SIGNS REMOVALS & INSTALLATIONS

COMCAST CABLEVISION  
12775 LYNDON  
DETROIT, MI 48227  
BENE CUMMINGS (313) 934-2600 (313) 934-4824  
FAX

TV CABLES

AT&T METRO EAST  
100 S MAIN ST, SUITE 314  
MT CLEMENS, MI 487043-2374  
JOE SIKOKI (586) 466-6310

TELEPHONE

NOTE: CONTACT DTE TEN (10) WORKING DAYS PRIOR TO THE CONSTRUCTION START DATE TO COORDINATE ADJUSTMENTS FOR DETROIT EDISON MANHOLES.

DTE, GAS COMPANY ONE ENERGY PLAZA-WCB1722  
DETROIT, MI 48226  
DAVE ORZEL orzeld2dteenergy.com

HIGH PRESSURE GAS TRANSMISSION (313) 235-1135

DTE, ELECTRIC COMPANY ONE ENERGY PLAZA  
IGS GROUP, 518SB  
DETROIT, MI 48226  
ROBIN O'CONNELL (313) 235-5632 (313) 235-9366 (313) 237-9564  
FAX EXPOSED OR DAMAGED FACILITIES

ELECTRIC POWER

DTE, ENERGY/MICHCON GAS DATA INTEGRITY GAS  
ONE ENERGY PLAZA-WCB1836  
DETROIT, MI 48226  
BARBARA SAUNDERS (313) 235-5111 (313) 920-4488 (800) 477-4747  
CELL EXPOSED OR DAMAGED FACILITIES

GAS MAINS

DETROIT THERMAL LLC  
541 MADISON  
DETROIT, MI 48226  
TOM MONRO FAX (313) 921-1922 (313) 921-1972

STEAM LINES

ITC HOLDINGS CORP. ELECTRICITY TRANSMISSION COMPANY  
27175 ENERGY WAY  
NOWI, MI 48377  
BRIANNA KOTELES (248) 946-3322  
bkoteles@itctransco.com

DESIGNED BY LA		Date: 12/04/2017
Drawn WLW		
Checked By	Approved By	Job No: PW-6987
CONTRACT FOR: REPLACEMENT OF THE W. PARKWAY CULVERT OVER ROUGE RIVER		
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