

# CITY OF BATTLE CREEK, MICHIGAN

## CONSTRUCTION DRAWINGS FOR 2018 LAFAYETTE STREET WIDENING LAFAYETTE STREET

CONTRACT NO.: 2018-065B

CITY COMMISSION:

MAYOR:

MARK BEHNKE

VICE MAYOR:

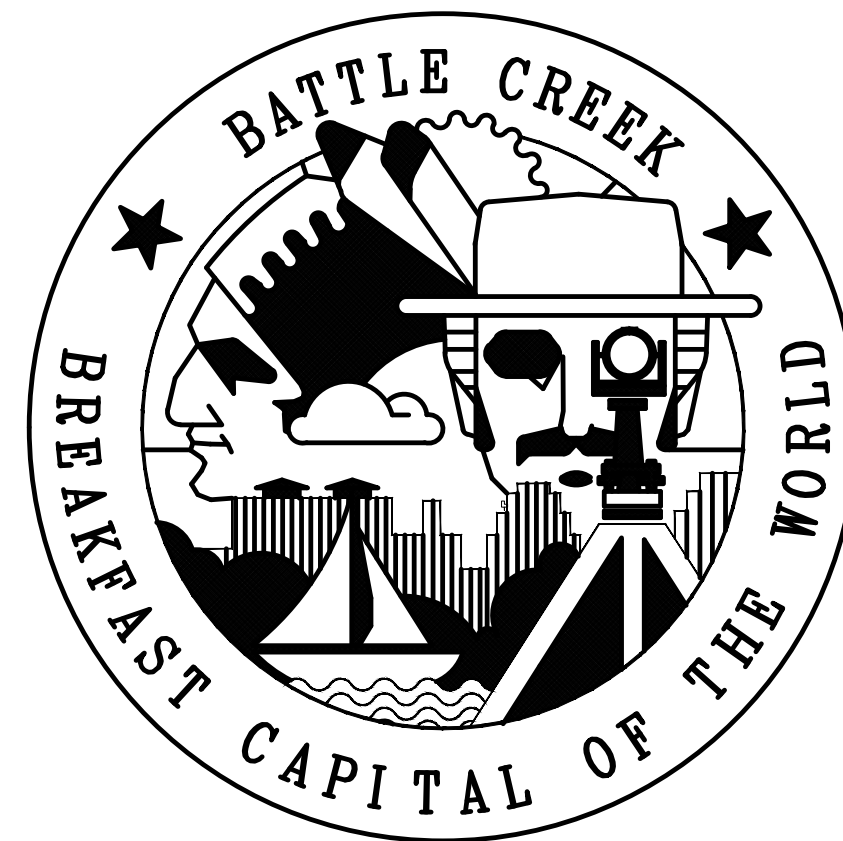
DAVE WALTERS

COMMISSIONERS:

KATE FLORES  
LYNN WARD GRAY  
JOHN GRIFFIN  
CHRISTOPHER SIMMONS  
SHERRY SOFIA  
KAYTEE FARIS  
SUSAN BALDWIN

CITY MANAGER:

REBECCA FLEURY



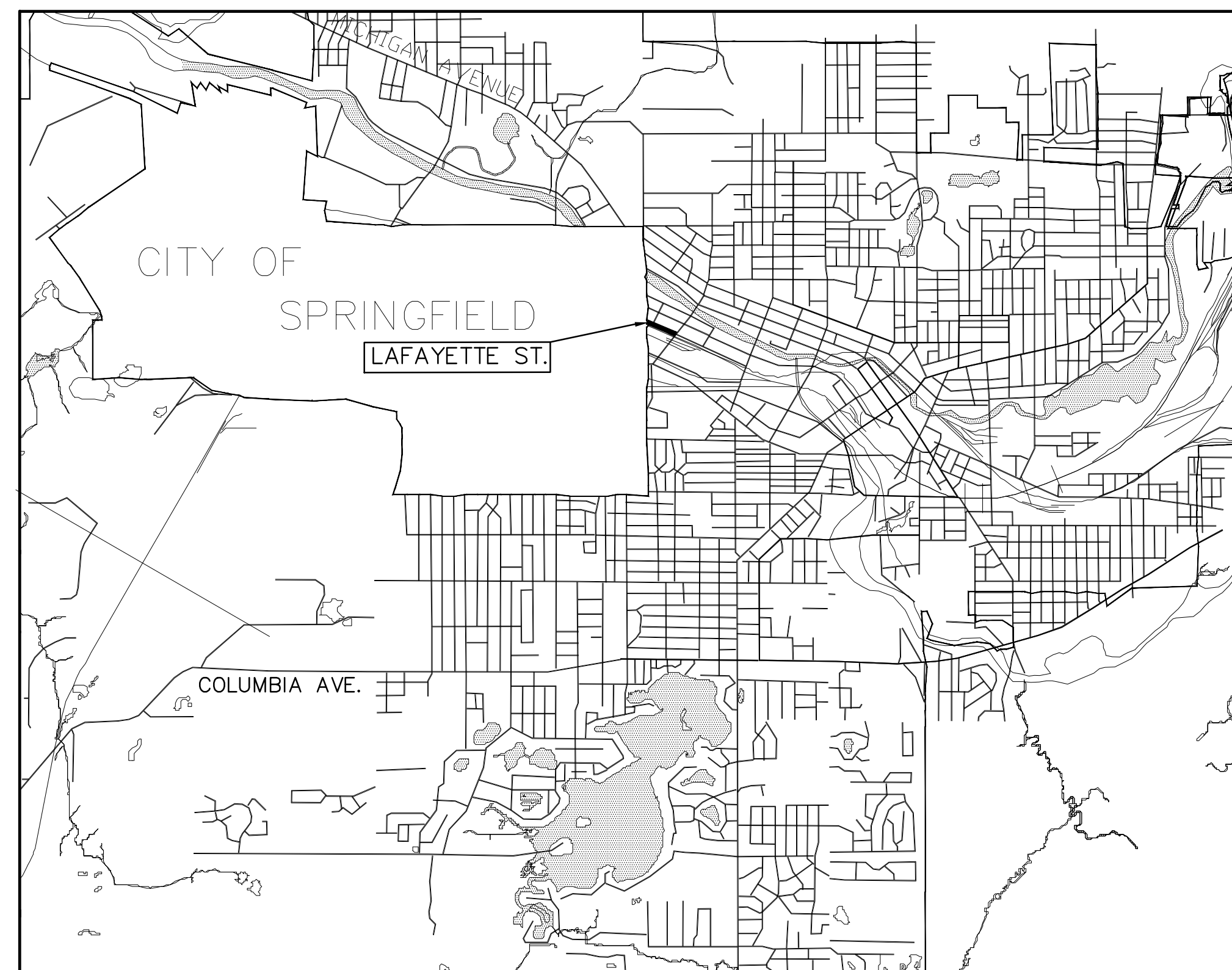
CITY OFFICIALS:

DEPARTMENT OF PUBLIC  
WORKS DIRECTOR:

CHRISTOPHER DOPP, P.E.

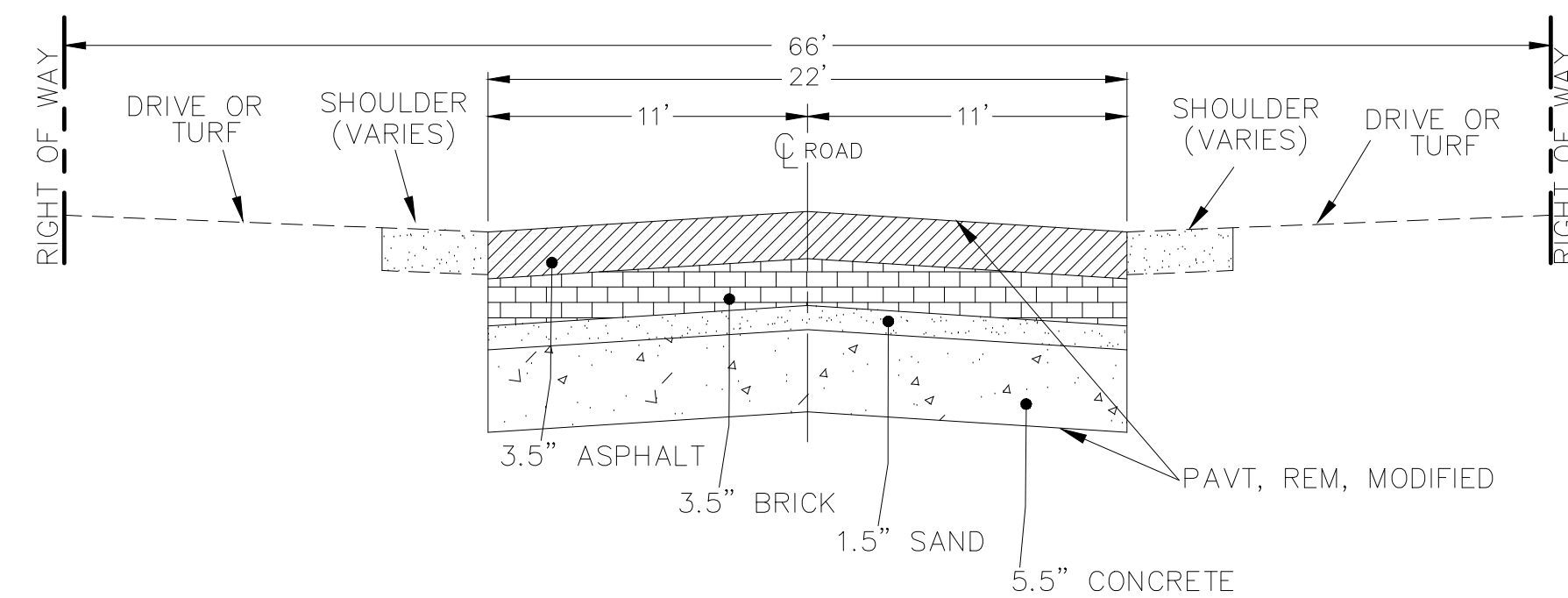
CITY ENGINEER:

CARL E. FEDDERS, P.E.

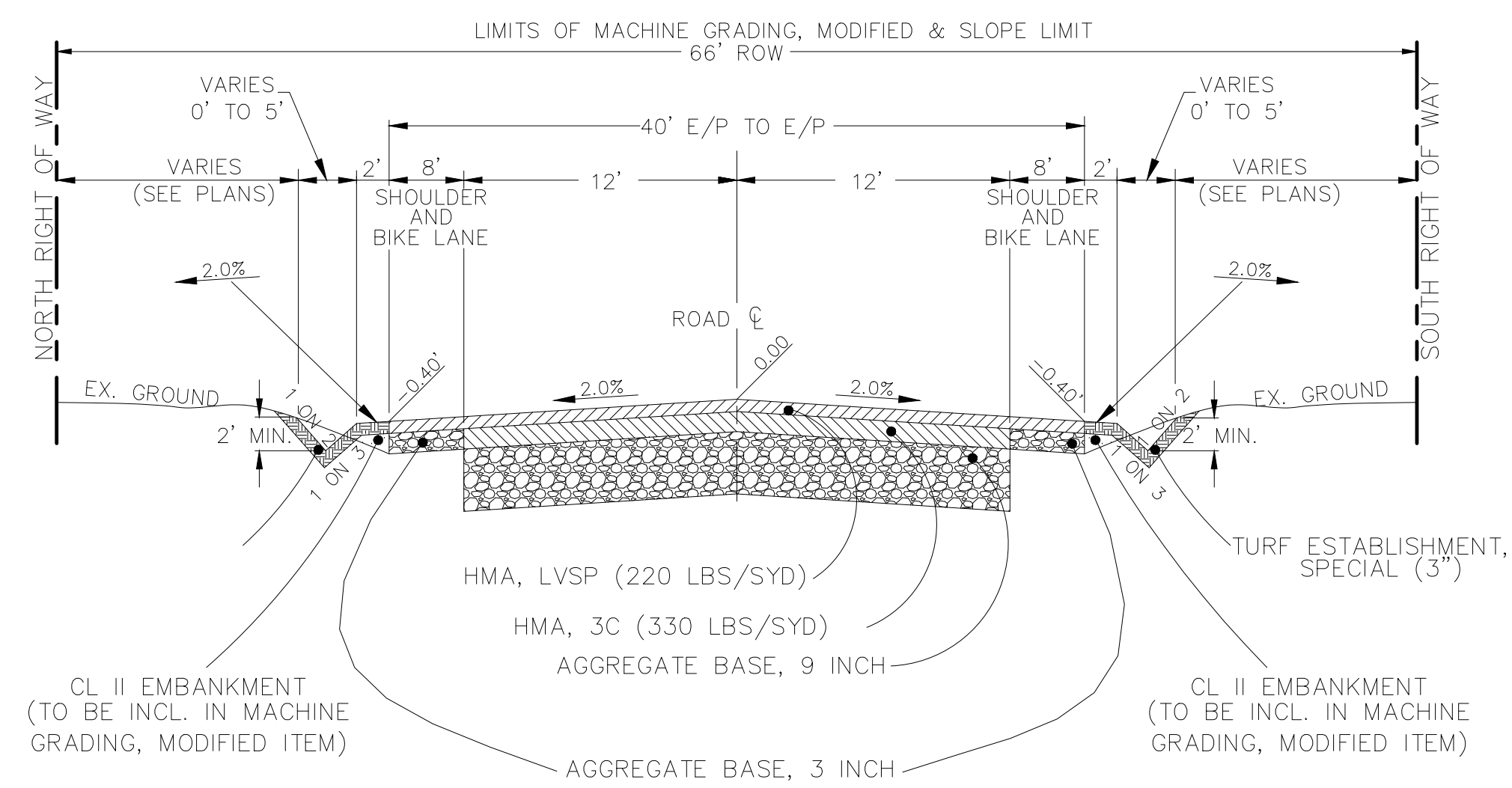


SHEET NO.	DRAWING INDEX
1	COVER SHEET
2	DETAILS SHEET
3	EXISTING SHEET
4	REMOVALS SHEET
5	CONSTRUCTION SHEET
6	DETOUR SHEET

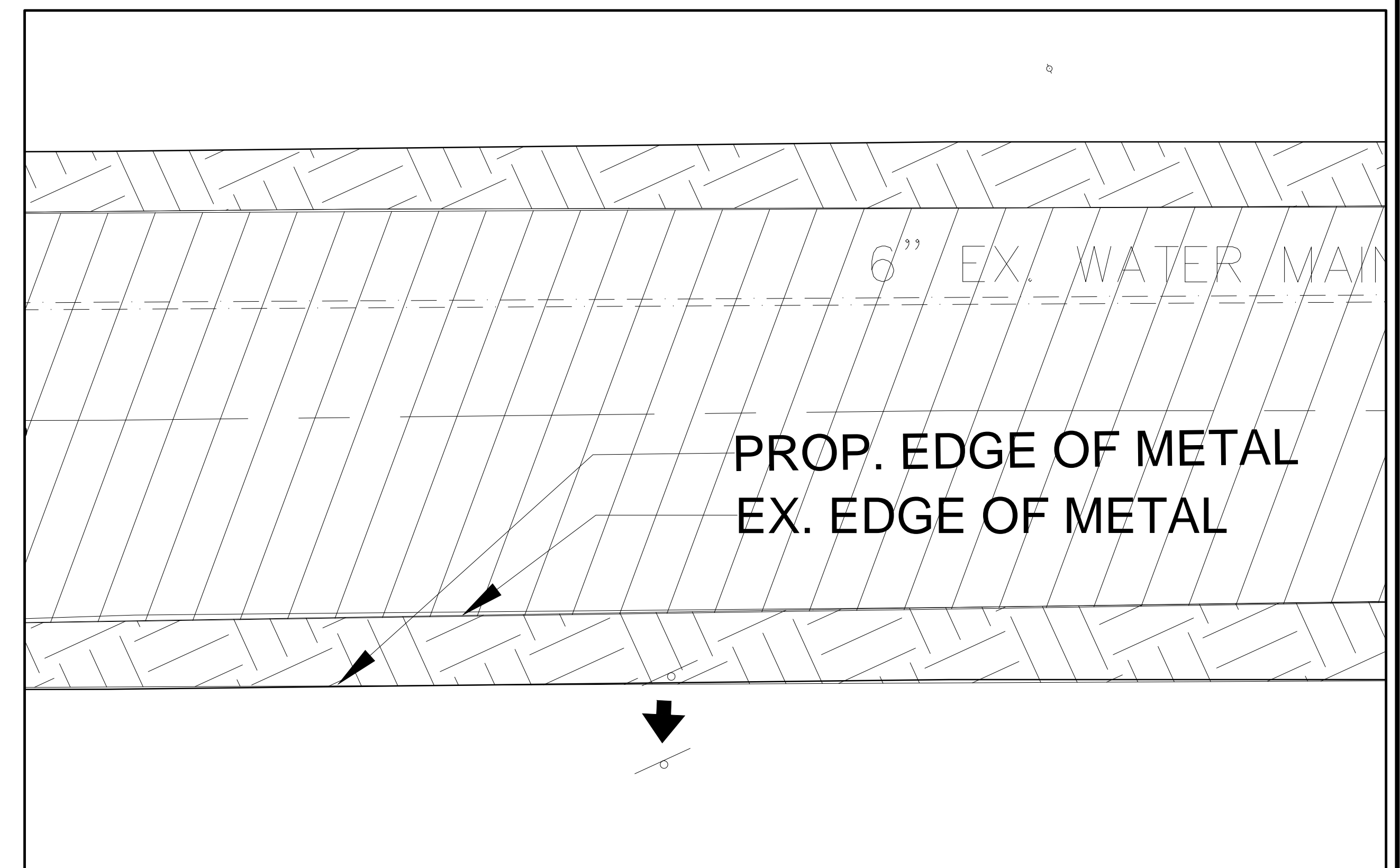
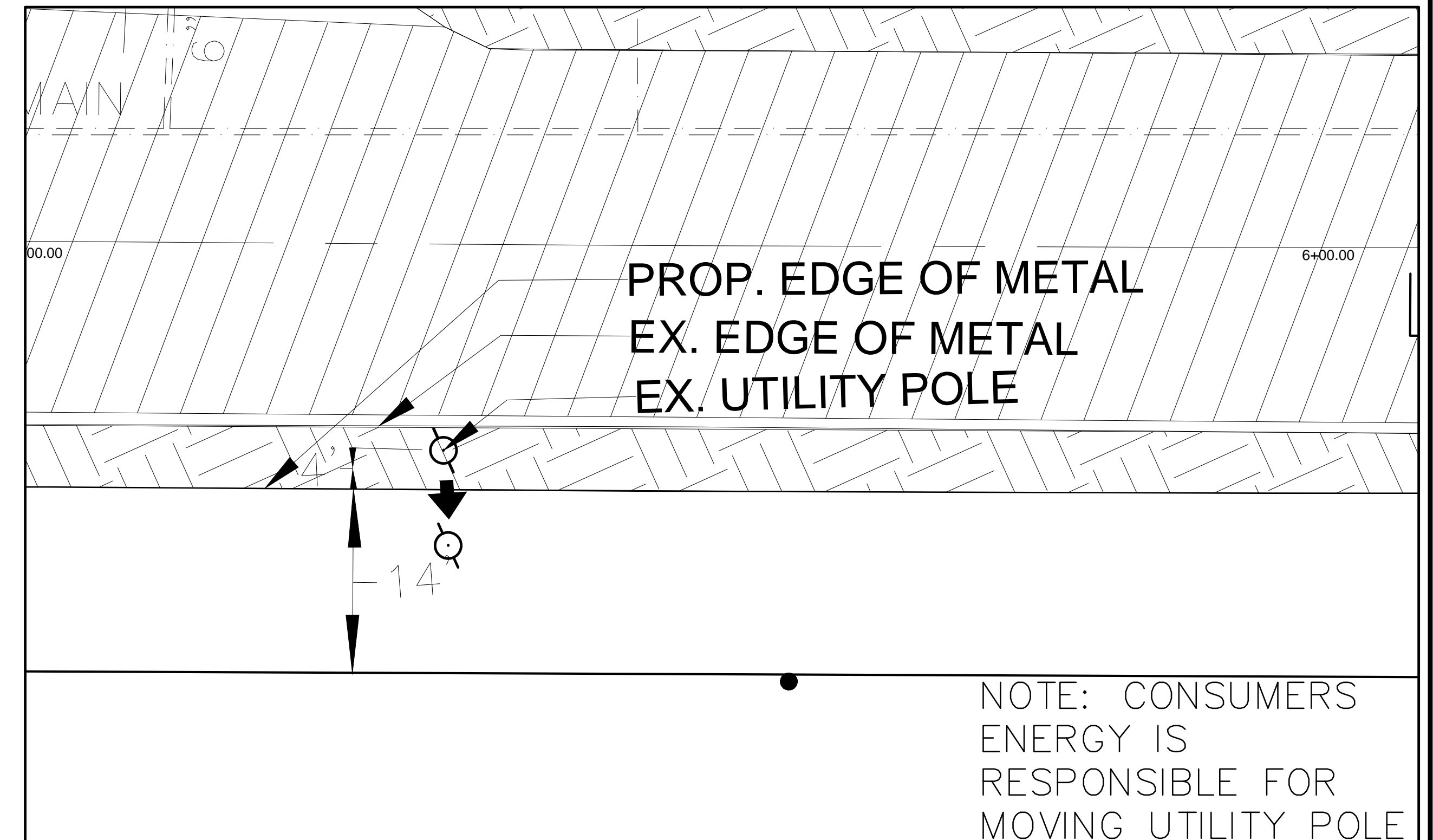
PREPARED BY:  
ENGINEERING DIVISION  
DEPARTMENT OF PUBLIC WORKS



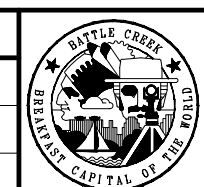
**EXISTING LAFAYETTE ST. CROSS SECTION**  
STA. 0+00 TO STA. 10+58.7



**PROPOSED LAFAYETTE STREET CROSS SECTION**  
STA. 0+00 TO STA. 10+58.7



DESCRIPTION OF REVISION	DATE	BY	DESCRIPTION OF REVISION	DATE	BY



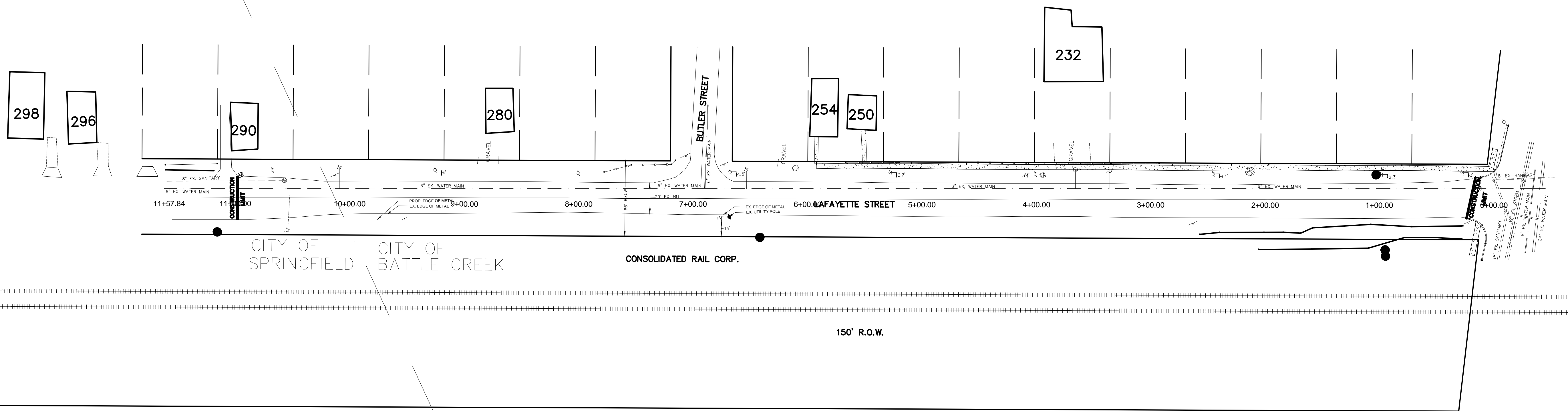
CITY OF BATTLE CREEK, MICHIGAN  
DEPARTMENT OF PUBLIC WORKS  
DIVISION OF ENGINEERING

DRAWN BY: CLA  
SCALE: 1:40  
DATE: JUNE, 2017  
FILE NAME:

APPROVED BY: ESC

DETAIL SHEET  
**LAFAYETTE STREET**  
2017 LAFAYETTE STREET WIDENING

CONTRACT NO.:  
R.O.W. SHEET NO.: 1 OF 1  
CONTRACT SHEET NO.: 2 OF 6

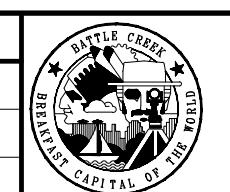


CITY OF SPRINGFIELD    CITY OF BATTLE CREEK    CONSOLIDATED RAIL CORP.

150' R.O.W.

EXISTING SHEET

DESCRIPTION OF REVISION	DATE	BY	DESCRIPTION OF REVISION	DATE	BY

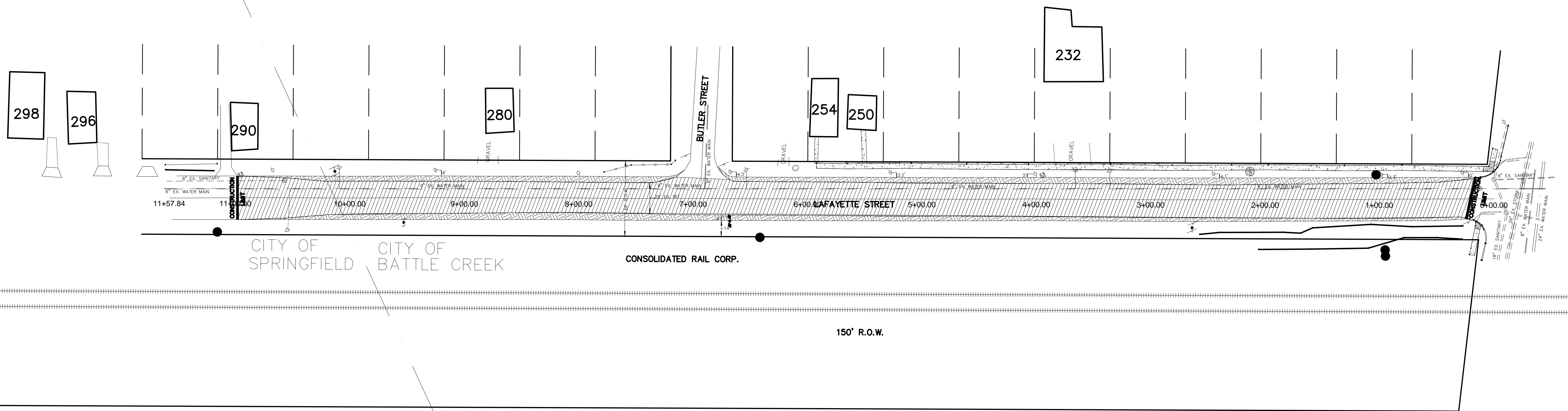


CITY OF BATTLE CREEK, MICHIGAN  
DEPARTMENT OF PUBLIC WORKS  
DIVISION OF ENGINEERING

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FILE NAME:

**LAFAYETTE STREET**  
2017 LAFAYETTE STREET WIDENING

CONTRACT NO.:	CONTRACT SHEET NO.:
R.O.W. SHEET NO.:	3 OF 6
1 OF 3	




 ASPHALT AND CONCRETE REMOVAL  
 TURF REMOVAL

REMOVALS QUANTITIES		
TYPE	QNTY	UNIT
CURB AND GUTTER, REM.	75	FT
SIDEWALK, REM.	30	SYD
_ PAVT, REM, MODIFIED	3150	SYD

REMOVAL SHEET

DESCRIPTION OF REVISION	DATE	BY	DESCRIPTION OF REVISION	DATE	BY

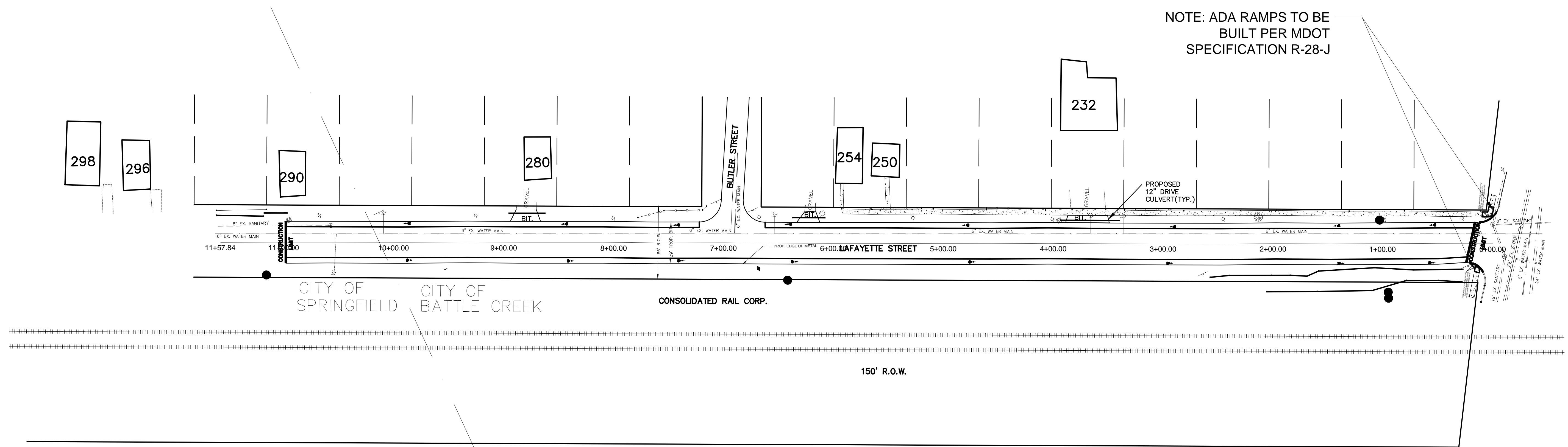

**CITY OF BATTLE CREEK, MICHIGAN**  
 DEPARTMENT OF PUBLIC WORKS  
 DIVISION OF ENGINEERING

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**LAFAYETTE STREET**  
 2017 LAFAYETTE STREET WIDENING

CONTRACT NO.:	R.O.W. SHEET NO.:	CONTRACT SHEET NO.:
	2 OF 3	4 OF 6

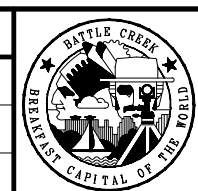
NOTE: ADA RAMP TO BE BUILT PER MDOT SPECIFICATION R-28-J



CONSTRUCTION QUANTITIES		
TYPE	QNTY	UNIT
AGGREGATE BASE, 3 INCH	1965	SYD
AGGREGATE BASE, 9 INCH	3250	SYD
SHOULDER, CI II, 3 INCH	475	SYD
CULV. END SECT, 12 INCH	8	EA
CULV. CI F, 12 INCH	170	FT
HAND PATCHING	2	TON
HMA, 3C	585	TON
HMA, LVSP	605	TON
CONC BASE CSE, NONREINF, 7 INCH	17	SYD
CURB AND GUTTER, CONC, DET F4	75	FT
DETECTABLE WARNING SURFACE	10	FT
SIDEWALK RAMP, CONC, 6 INCH	270	SFT
POST, MAILBOX	3	EA
PAVT MRK,OVLY COLD PLASTIC,DICTION ARROW SYM, BIKE	6	EA
PAVT MRK,OVLY COLD PLASTIC,BIKE SMALL SYM	6	EA
PAVT MRKG, THERMOPL, 6 INCH, CROSSWALK	90	FT
PAVT MRKG, THERMOPL, 24 INCH, STOP BAR	32	FT
PAVT MRKG, WATERBORNE, 4 INCH WHITE	2100	FT
PAVT MRKG, WATERBORNE, 4 INCH YELLOW	2060	FT
_ TURF ESTABLISHMENT SPECIAL	1200	SYD

CONSTRUCTION SHEET

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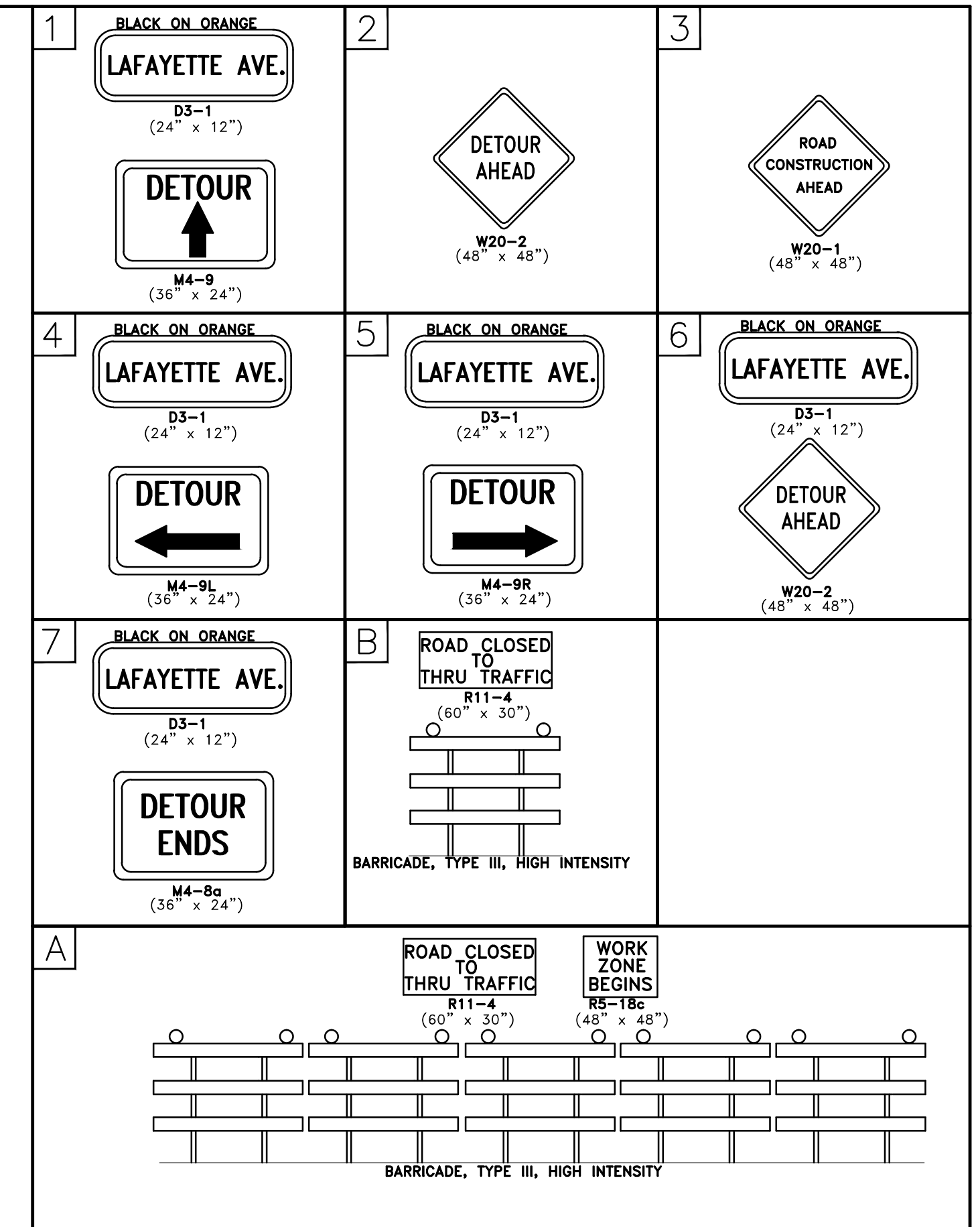
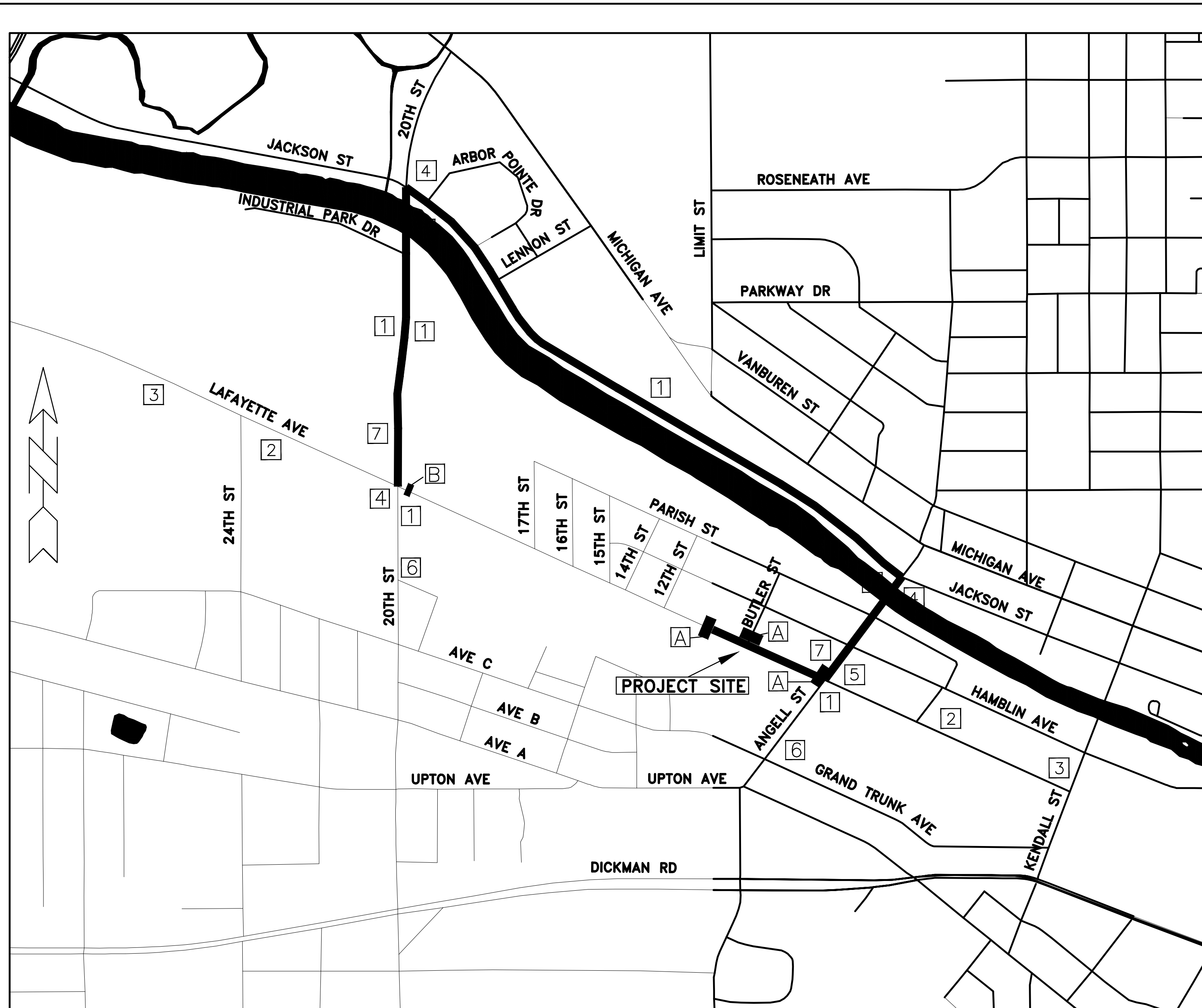


CITY OF BATTLE CREEK, MICHIGAN  
DEPARTMENT OF PUBLIC WORKS  
DIVISION OF ENGINEERING

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**LAFAYETTE STREET**  
2017 LAFAYETTE STREET WIDENING

CONTRACT NO.:  
R.O.W. SHEET NO.:  
3 OF 3  
CONTRACT SHEET NO.:  
5 OF 6



CONSTRUCTION SIGN QUANTITIES

TYPE	#	SFT/SIGN	TOTAL SFT
D3-1	16	2	32
M4-8a	2	6	12
M4-9	6	6	36
R5-18c	3	16	48
R11-4	4	12.5	50
W20-1	2	16	32
W20-2	4	16	64
SIGN, TYPE B, TEMP TOTAL =			274 SFT

CONSTRUCTION BARRICADE QUANTITIES

TYPE	QTY	UNIT
BARRICADE, TYPE III, HIGH INTENSITY, LIGHTED, FURN	16	EA
PLASTIC DRUM, HIGH INTENSITY, FURN	50	EA
LIGHTED ARROW, TYPE C, FURN	2	EA
BARRICADE, TYPE III, HIGH INTENSITY, LIGHTED, OPER	16	EA
PLASTIC DRUM, HIGH INTENSITY, OPER	50	EA
LIGHTED ARROW, TYPE C, OPER	2	EA
TRAF REGULATOR CONTROL	1	LS
MINOR TRAF DEVICES	1	LS

TEMPORARY SIGNING AND DETOUR PLAN

DESCRIPTION OF REVISION	DATE	BY	DESCRIPTION OF REVISION	DATE	BY	CITY OF BATTLE CREEK, MICHIGAN DEPARTMENT OF PUBLIC WORKS DIVISION OF ENGINEERING	DRAWN BY: BGH SCALE: NONE DATE: January, 2018 DRAWING NAME:	APPROVED BY: ESC	2018 LAFAYETTE AVE. PROJECT	JOB NO.: 2550 CONTROL SECTION: R.O.W. SHEET NO. —	CONTRACT SHEET NO. 6 of 6
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