

# CITY OF KALAMAZOO

## STADIUM DRIVE SIGNAL IMPROVEMENTS

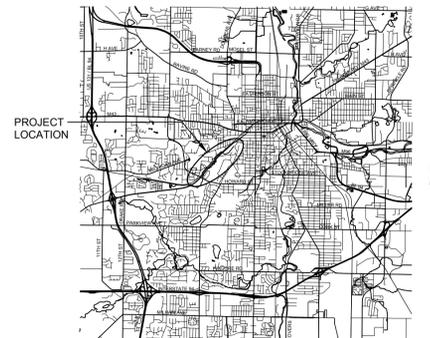
PHILIP A. DOORLAG  
ENGINEER NO. 67363

PROJECT NAME:  
**STADIUM DRIVE SIGNAL IMPROVEMENTS**  
415 E. STOCKBRIDGE AVENUE  
KALAMAZOO, MI 49001

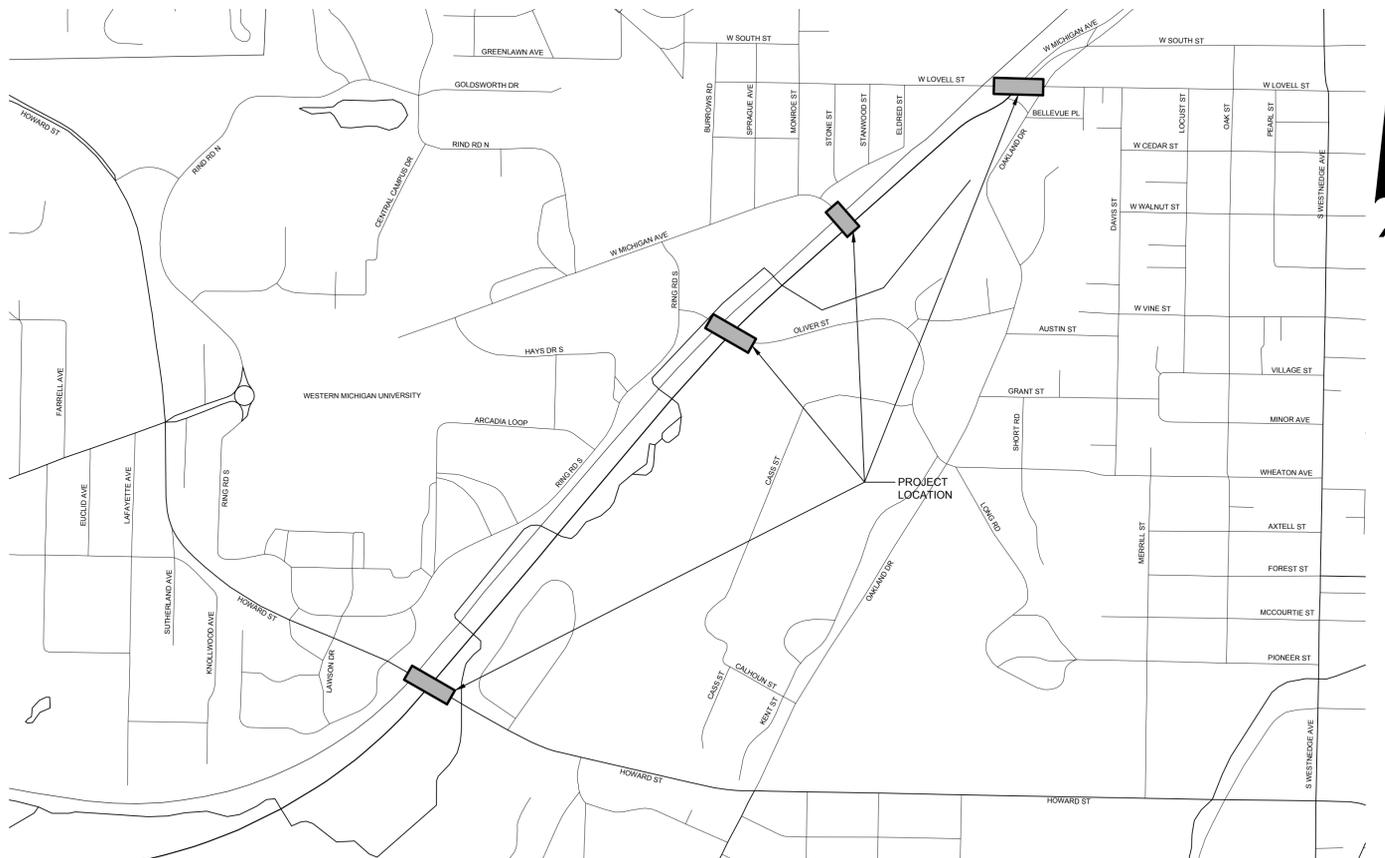
**CITY OF KALAMAZOO**  
415 E. STOCKBRIDGE AVENUE

### UTILITIES

- CABLE:**  
CHARTER COMMUNICATIONS  
4176 COMMERCIAL AVENUE  
PORTAGE, MI 49002  
BRYAN LONGCORE  
(269) 459-8746  
BRYAN.LONGCORE2@CHARTER.COM
- COMCAST  
5047 W MAIN STREET  
KALAMAZOO, MI 49009  
JOSEPH SCHOPF  
(855) 629-2982  
JOSEPH\_SCHOPF@CABLE.COMCAST.COM
- ELECTRIC:**  
CONSUMERS ENERGY  
2500 E. CORK STREET  
KALAMAZOO, MI 49001  
ANDRE TAYLOR  
(269) 337-2245  
ANDRE.TAYLOR@CMSENERGY.COM
- GAS:**  
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KYLE OAK  
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KYLE.OAK@CMSENERGY.COM
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TODD BERGHUIS  
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TB1973@ATT.COM
- FIBER OPTIC:**  
CTS TELECOM  
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GALESBURG, MI 49053  
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(269) 746-3232  
TCADY@CTSTELECOM.COM
- MIDWEST FIBER  
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GLENDALE, WI 53209  
NATE WRIGHT  
(414) 672-5612  
NWRIGHT@MIDWESTFIBERNETWORKS.COM
- CITY OF KALAMAZOO  
415 E. STOCKBRIDGE AVENUE  
KALAMAZOO, MI 49001  
RON RIDENOUR  
(269) 337-8601  
RIDENOURR@KALAMAZOOCITY.ORG
- WATER:**  
CITY OF KALAMAZOO  
415 E. STOCKBRIDGE AVENUE  
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ANNA CRANDALL  
(269) 337-8601  
CRANDALLA@KALAMAZOOCITY.ORG
- SEWER:**  
CITY OF KALAMAZOO  
1415 NORTH HARRISON STREET  
KALAMAZOO, MI 49007  
SOHIL MANJIYANI  
(269) 337-6551  
MANJIYANIS@KALAMAZOOCITY.ORG
- PUBLIC WORKS:**  
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415 E. STOCKBRIDGE AVENUE  
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ANTHONY LADD  
(269) 337-8601  
LADDA@KALAMAZOOCITY.ORG
- UNIVERSITY:**  
WESTERN MICHIGAN UNIVERSITY  
1903 W. MICHIGAN AVENUE  
KALAMAZOO, MI 49008  
JOHN SEELMAN  
(269) 387-8535  
JOHN.SEELMAN@WMICH.EDU
- RAILROAD**  
AMTRAK  
2330 BROOKLYN ROAD  
JACKSON, MI 49203  
WILLIAM SIMMONS (MDOT)  
(517) 581-3515  
WILLIAM.SIMMONS@AMTRAK.COM
- PRESTON KENSINGER (AMTRAK)  
(269) 985-3680  
PRESTON.KENSINGER@AMTRAK.COM
- \*MISS DIG\***  
811



**CITY OF KALAMAZOO**  
VICINITY MAP  
SCALE: NONE



**PROJECT LOCATION MAP**  
SCALE: NONE

### INDEX OF PLANS

- |      |                          |
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### NOTES

EXCEPT WHERE OTHERWISE INDICATED ON THESE PLANS OR IN THE PROPOSAL AND SUPPLEMENTAL SPECIFICATIONS CONTAINED THEREIN, ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE 2020 MICHIGAN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION.

THE PLACING OF PAVEMENT MARKINGS AND TRAFFIC CONTROL SIGNS SHALL BE DONE IN ACCORDANCE WITH THE 2011 MICHIGAN MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AS AMENDED.

THE IMPROVEMENTS COVERED BY THESE PLANS ARE IN ACCORDANCE WITH THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2011 EDITION; A POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS AND WITH SECTION C OF THE MICHIGAN DEPARTMENT OF TRANSPORTATION LOCAL AGENCY PROGRAMS NON-FREWAY NHS GUIDELINES FOR GEOMETRICS DATED JULY 24, 2017.

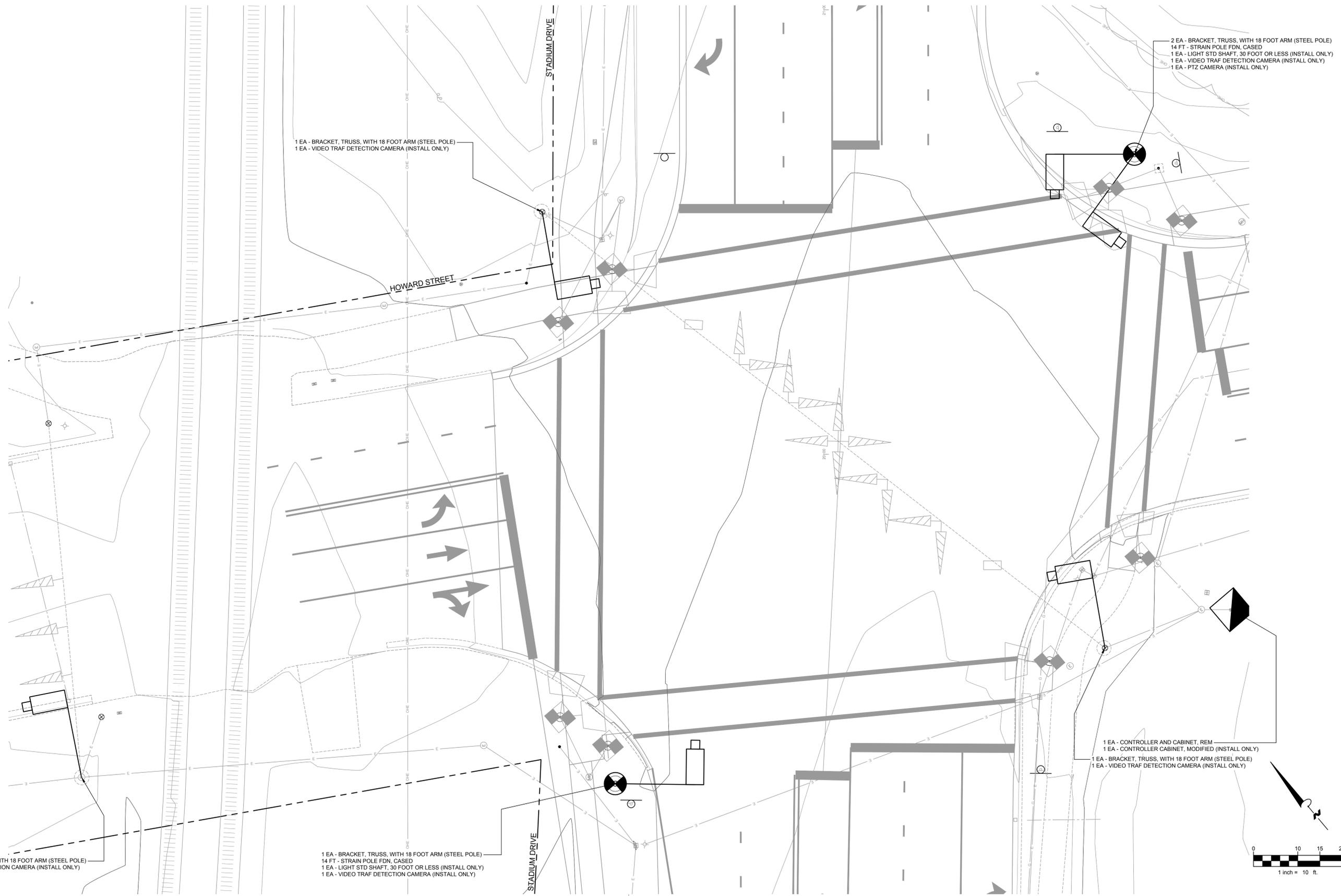
IN CONFORMANCE WITH PUBLIC ACT 174 OF 2013, ALL CONTRACTORS SHALL CALL MISS DIG @ 811 OR 800-482-7171 FOR PROTECTION OF UNDERGROUND UTILITIES A MINIMUM OF THREE FULL WORKING DAYS (EXCLUDING SATURDAYS, SUNDAYS AND HOLIDAYS) PRIOR TO BEGINNING EACH EXCAVATION IN ANY AREA. MEMBERS WILL THUS BE ROUTINELY NOTIFIED. THIS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF NOTIFYING UTILITY OWNERS WHO MAY NOT BE A PART OF THE "MISS DIG" ALERT SYSTEM.

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DATE: JULY, 2022  
SCALE: NONE

COVER SHEET



1 EA - BRACKET, TRUSS, WITH 18 FOOT ARM (STEEL POLE)  
 1 EA - VIDEO TRAF DETECTION CAMERA (INSTALL ONLY)

2 EA - BRACKET, TRUSS, WITH 18 FOOT ARM (STEEL POLE)  
 14 FT - STRAIN POLE FDN, CASED  
 1 EA - LIGHT STD SHAFT, 30 FOOT OR LESS (INSTALL ONLY)  
 1 EA - VIDEO TRAF DETECTION CAMERA (INSTALL ONLY)  
 1 EA - PTZ CAMERA (INSTALL ONLY)

1 EA - CONTROLLER AND CABINET, REM  
 1 EA - CONTROLLER CABINET, MODIFIED (INSTALL ONLY)  
 1 EA - BRACKET, TRUSS, WITH 18 FOOT ARM (STEEL POLE)  
 1 EA - VIDEO TRAF DETECTION CAMERA (INSTALL ONLY)

1 EA - BRACKET, TRUSS, WITH 18 FOOT ARM (STEEL POLE)  
 1 EA - VIDEO TRAF DETECTION CAMERA (INSTALL ONLY)

1 EA - BRACKET, TRUSS, WITH 18 FOOT ARM (STEEL POLE)  
 14 FT - STRAIN POLE FDN, CASED  
 1 EA - LIGHT STD SHAFT, 30 FOOT OR LESS (INSTALL ONLY)  
 1 EA - VIDEO TRAF DETECTION CAMERA (INSTALL ONLY)

**HOWARD STREET AND STADIUM DRIVE SIGNAL IMPROVEMENTS**

SCALE: 1" = 10'

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**HOWARD STREET  
 SIGNAL**



**WIGHTMAN**

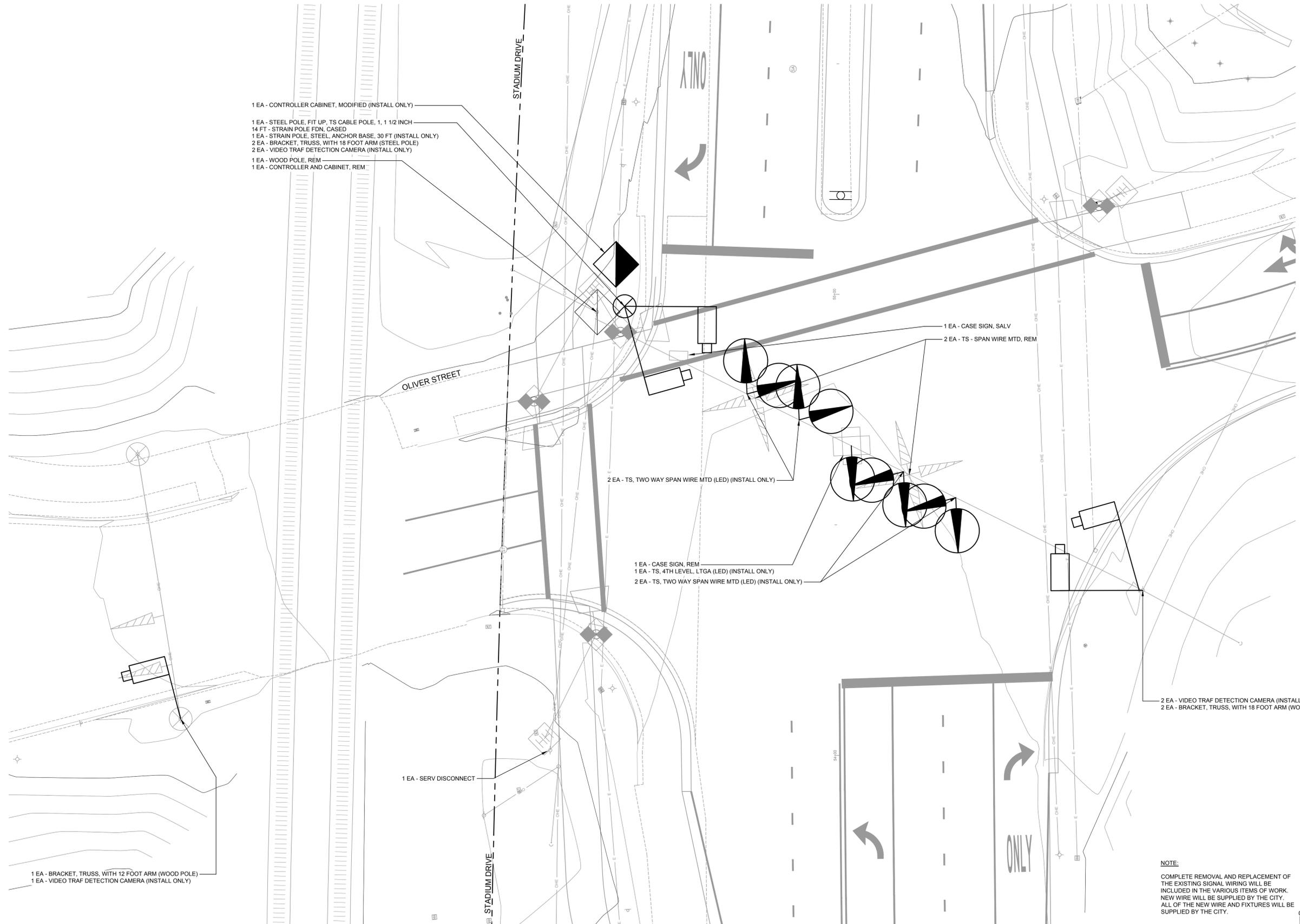
1670 LINCOLN RD.  
ALLEGAN, MI. 49010  
269.673.8465

[www.gowightman.com](http://www.gowightman.com)

PHILIP A. DOORLAG  
ENGINEER NO. 67363

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**STADIUM DRIVE  
SIGNAL  
IMPROVEMENTS**  
415 E. STOCKBRIDGE AVENUE  
KALAMAZOO, MI 49001

**CITY OF  
KALAMAZOO**  
415 E. STOCKBRIDGE AVENUE



- 1 EA - CONTROLLER CABINET, MODIFIED (INSTALL ONLY)
- 1 EA - STEEL POLE, FIT UP, TS CABLE POLE, 1, 1 1/2 INCH
- 14 FT - STRAIN POLE FDN, CASED
- 1 EA - STRAIN POLE, STEEL, ANCHOR BASE, 30 FT (INSTALL ONLY)
- 2 EA - BRACKET, TRUSS, WITH 18 FOOT ARM (STEEL POLE)
- 2 EA - VIDEO TRAF DETECTION CAMERA (INSTALL ONLY)
- 1 EA - WOOD POLE, REM
- 1 EA - CONTROLLER AND CABINET, REM

- 1 EA - CASE SIGN, SALV
- 2 EA - TS - SPAN WIRE MTD, REM

- 2 EA - TS, TWO WAY SPAN WIRE MTD (LED) (INSTALL ONLY)

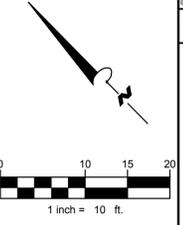
- 1 EA - CASE SIGN, REM
- 1 EA - TS, 4TH LEVEL, LTGA (LED) (INSTALL ONLY)
- 2 EA - TS, TWO WAY SPAN WIRE MTD (LED) (INSTALL ONLY)

- 2 EA - VIDEO TRAF DETECTION CAMERA (INSTALL ONLY)
- 2 EA - BRACKET, TRUSS, WITH 18 FOOT ARM (WOOD POLE)

- 1 EA - SERV DISCONNECT

- 1 EA - BRACKET, TRUSS, WITH 12 FOOT ARM (WOOD POLE)
- 1 EA - VIDEO TRAF DETECTION CAMERA (INSTALL ONLY)

**NOTE:**  
COMPLETE REMOVAL AND REPLACEMENT OF THE EXISTING SIGNAL WIRING WILL BE INCLUDED IN THE VARIOUS ITEMS OF WORK. NEW WIRE WILL BE SUPPLIED BY THE CITY. ALL OF THE NEW WIRE AND FIXTURES WILL BE SUPPLIED BY THE CITY.



**OLIVER STREET AND STADIUM DRIVE SIGNAL IMPROVEMENTS**  
SCALE: 1" = 10'

**REVISIONS**  
DATE: JULY, 2022  
SCALE: 1" = 10'

OLIVER STREET SIGNAL



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**CITY OF  
KALAMAZOO**  
415 E. STOCKBRIDGE AVENUE

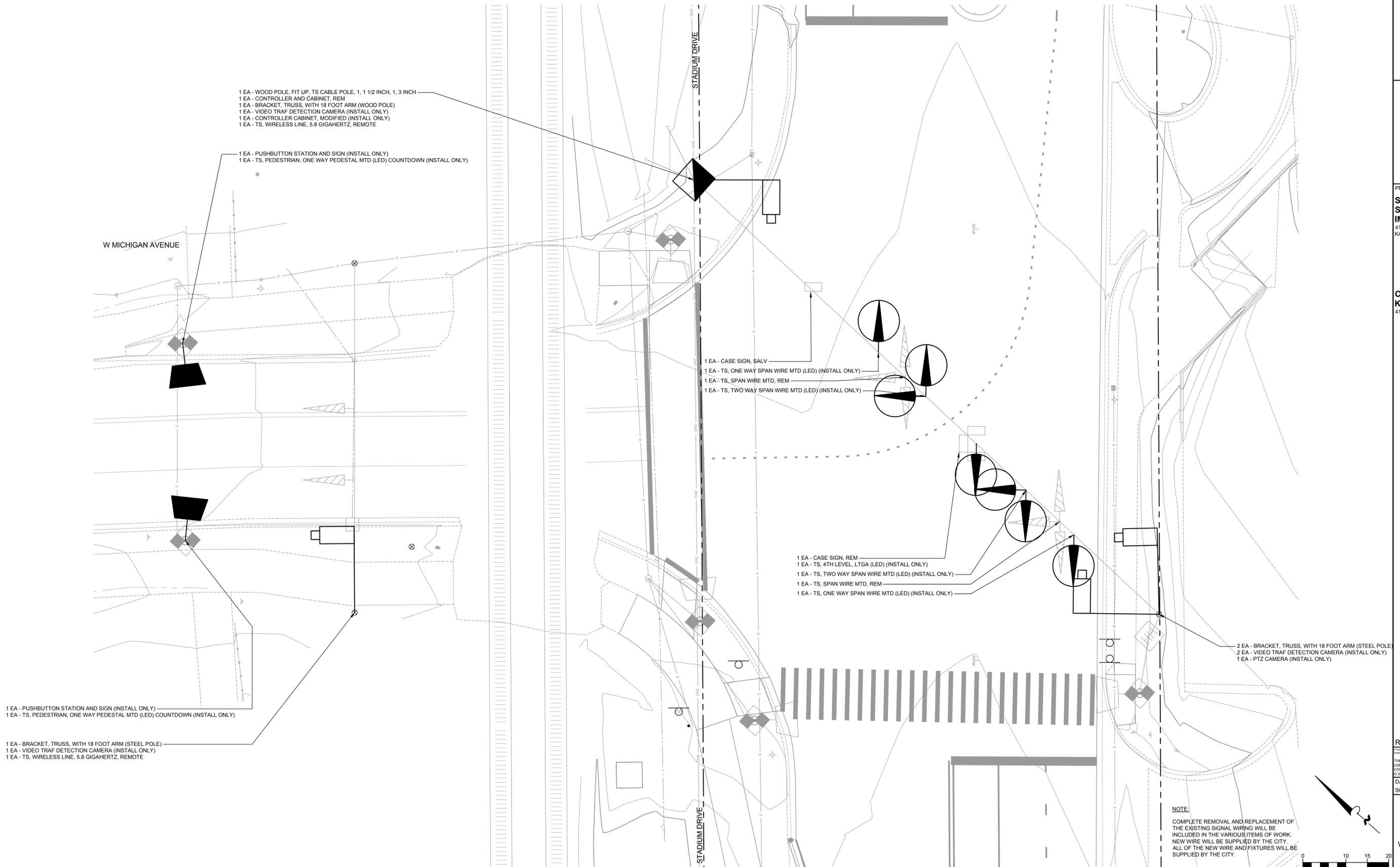
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SCALE: 1" = 10'

W MICHIGAN AVENUE  
SIGNAL

JOB No. 204396  
**S004**  
OF 5



**W MICHIGAN STREET AND STADIUM DRIVE SIGNAL IMPROVEMENTS**  
SCALE: 1" = 10'

**NOTE:**  
COMPLETE REMOVAL AND REPLACEMENT OF  
THE EXISTING SIGNAL WIRING WILL BE  
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NEW WIRE WILL BE SUPPLIED BY THE CITY.  
ALL OF THE NEW WIRE AND FIXTURES WILL BE  
SUPPLIED BY THE CITY.



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KALAMAZOO, MI 49001

**CITY OF  
KALAMAZOO**  
415 E. STOCKBRIDGE AVENUE

**REVISIONS**

DATE: 07/20/22 BY: PHILIP A. DOORLAG

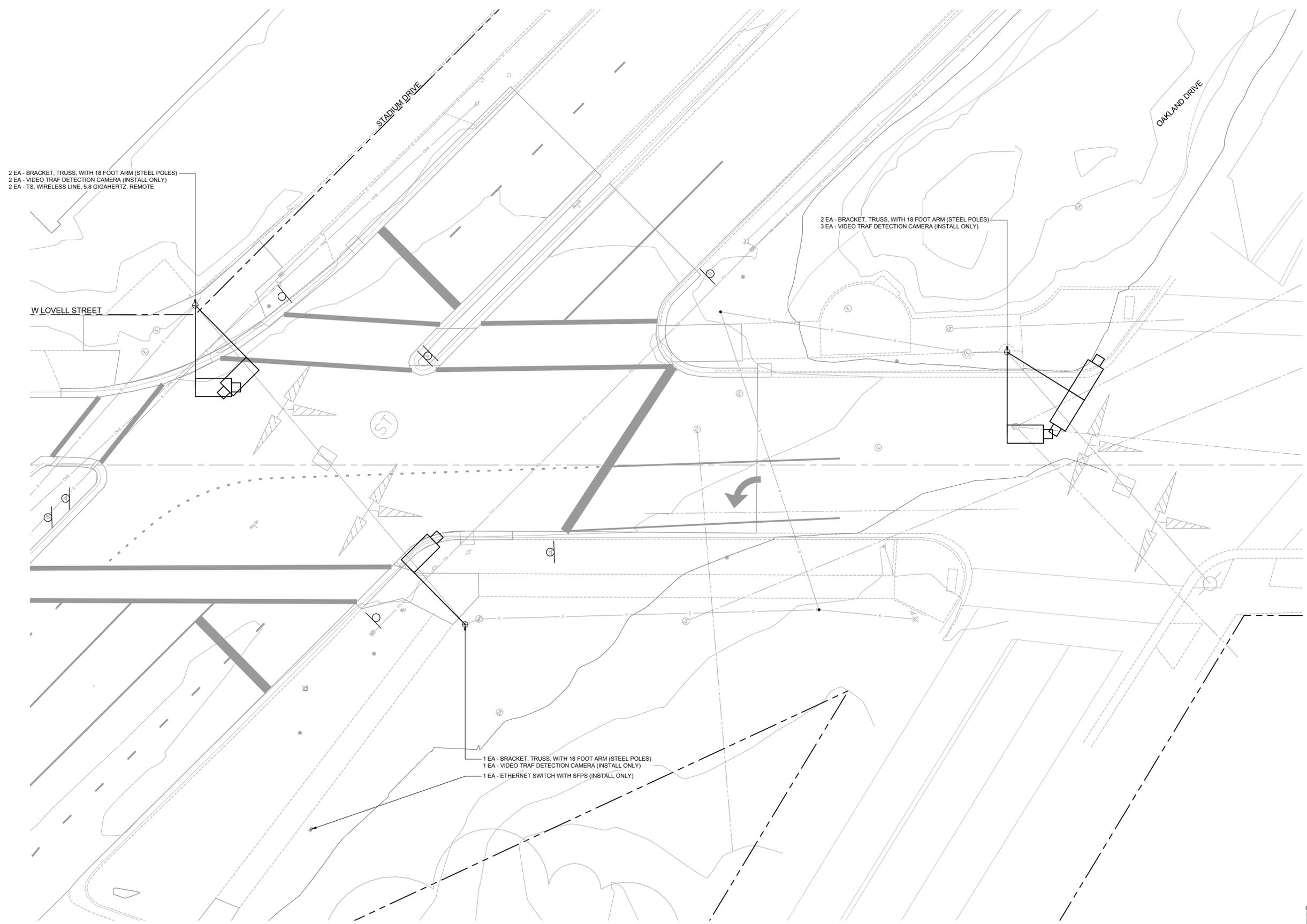
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**W LOVELL STREET  
SIGNAL**

JOB No. 204396

**S005**  
OF 5



2 EA - BRACKET, TRUSS, WITH 18 FOOT ARM (STEEL POLES)  
 2 EA - VIDEO TRAF DETECTION CAMERA (INSTALL ONLY)  
 2 EA - TS, WIRELESS LINE, 5.8 GIGAHERTZ, REMOTE

2 EA - BRACKET, TRUSS, WITH 18 FOOT ARM (STEEL POLES)  
 3 EA - VIDEO TRAF DETECTION CAMERA (INSTALL ONLY)

1 EA - BRACKET, TRUSS, WITH 18 FOOT ARM (STEEL POLES)  
 1 EA - VIDEO TRAF DETECTION CAMERA (INSTALL ONLY)  
 1 EA - ETHERNET SWITCH WITH SFPS (INSTALL ONLY)

**W LOVELL STREET AND STADIUM DRIVE SIGNAL IMPROVEMENTS**  
 SCALE: 1" = 10'

