



CITY OF KALAMAZOO
DEPARTMENT OF PUBLIC SERVICES
ENGINEERING

LOVELL PILOT BIKE FACILITY

FROM STADIUM TO PITCHER

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UTILITY CONTACTS

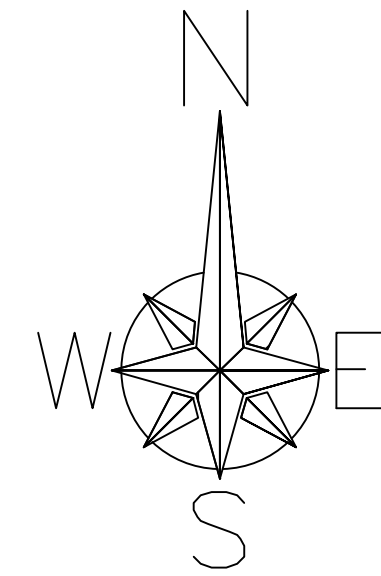
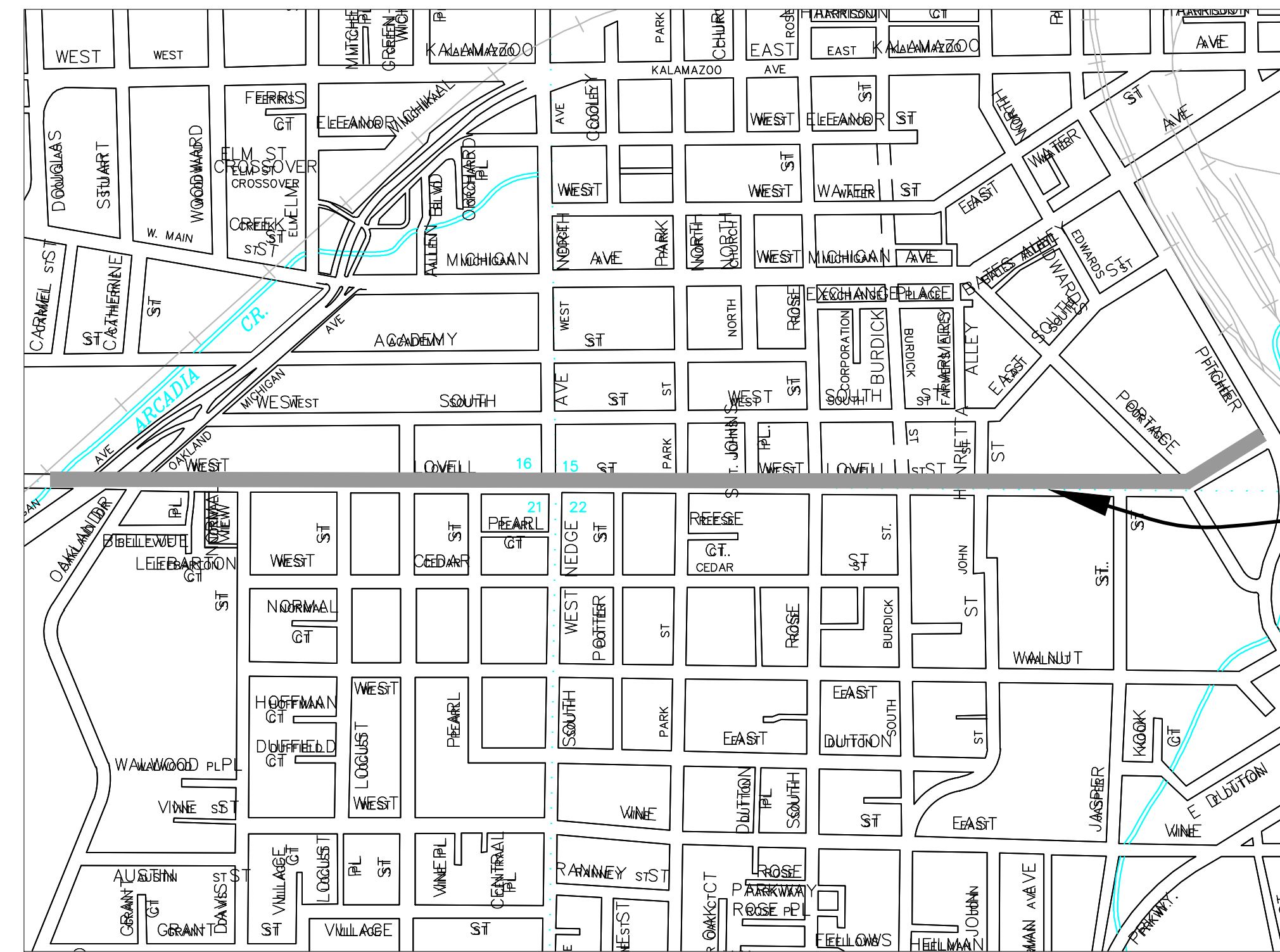
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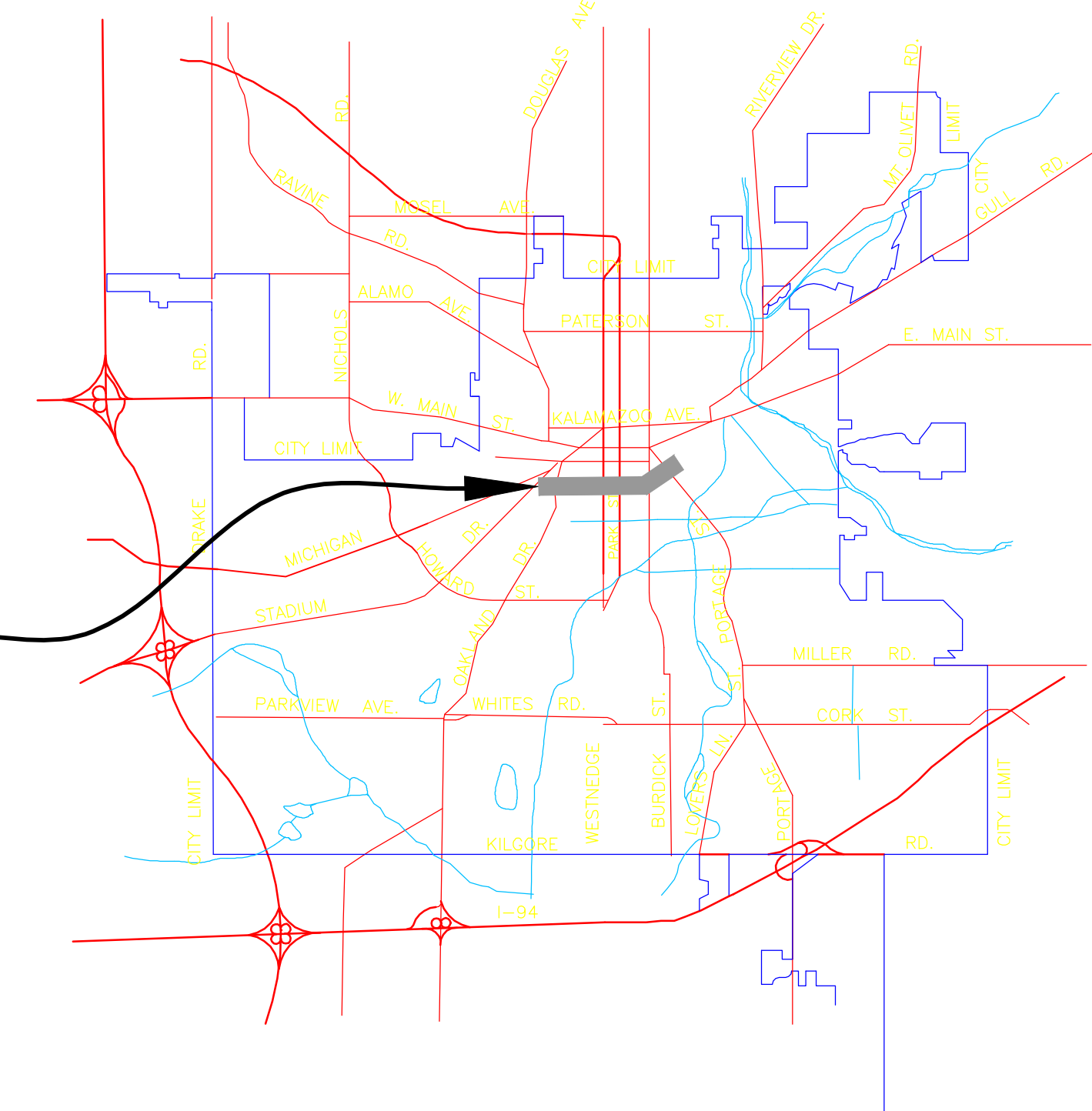
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City of Kalamazoo



PROJECT LOCATION

J:\STREETS\STREET PROJECTS\MST Project Stage 4 - Design\mst100xxx Lovell Bike Facilities (Michigan to Pitcher)\Drawings\Lovell Bike Lines.dwg





GENERAL NOTES

LOVELL PILOT BIKE FACILITY

SURVEYED	N/A	SCALE		REVISIONS
DESIGNED	GHW	VERTICAL	NONE	1.
DRAWN	GHW	HORIZONTAL	NONE	
QA/QC	AL	DATE	01/12/2024	
ENG PROJ #	MST0100302			

1. THE "2020 STANDARD SPECIFICATIONS FOR CONSTRUCTION" AND "STANDARD PLANS" BY THE MICHIGAN DEPARTMENT OF TRANSPORTATION (MDOT) ARE HEREBY INCORPORATED INTO THESE CONTRACT DOCUMENTS. COPIES OF THESE STANDARDS ARE AVAILABLE FOR INSPECTION AT THE OFFICE OF THE ENGINEER.
2. THE PLACING OF TRAFFIC CONTROL SIGNS AND PAVEMENT MARKINGS SHALL BE DONE IN ACCORDANCE WITH THE 2011 MICHIGAN MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MMUTCD), AS AMENDED.
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4. 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. THE CONTRACTOR SHALL LOCATE ALL ACTIVE UNDERGROUND UTILITIES PRIOR TO STARTING WORK AND SHALL CONDUCT HIS OPERATIONS IN A MANNER AS TO ENSURE THAT THOSE UTILITIES NOT REQUIRING RELOCATION WILL NOT BE DISTURBED.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE CITY OF KALAMAZOO TO NOTIFY THEM THAT WORK IS COMMENCING
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8. TAPER THE CURBS TO ZERO HEIGHT AT SIDEWALKS. SIDEWALK RAMPS SHALL BE BARRIER FREE AND CONSTRUCTED IN ACCORDANCE WITH THE MDOT SIDEWALK RAMP AND DETECTABLE WARNING DETAILS (R-28 SERIES). SIDEWALK JOINTS SHALL BE IN ACCORDANCE WITH THE MDOT DRIVEWAY OPENINGS & APPROACHES AND CONCRETE SIDEWALKS (R-29 SERIES) UNLESS NOTED OTHERWISE.
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10. ALL ELECTRICAL WORK SHALL BE PERFORMED BY A STATE OF MICHIGAN LICENSED ELECTRICIAN ACCORDING TO THE NATIONAL ELECTRICAL CODE AS MODIFIED BY THE STATE OF MICHIGAN.

FURNISH AND INSTALL ALL MATERIALS AND LABOR TO PROVIDE A COMPLETE WORKING SYSTEM.

11. THE TACTILE PLATES FOR THE ADA RAMP SHALL BE UNIFORM IN COLOR IN EITHER COLONIAL OR BRICK RED TO MATCH EXISTING DETECTABLE WARNING PLATES THROUGHOUT THE CITY. TRUNCATED DOMES SHALL BE TAMPED INTO WET CONCRETE IN ACCORDANCE WITH MDOT AND ADA ACCESSIBILITY GUIDELINES FOR DETECTABLE WARNINGS AND THE MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION.
12. OWNERS OF IRRIGATION SYSTEMS AND LANDSCAPING ITEMS WILL BE NOTIFIED BY THE CONTRACTOR TWO WEEKS IN ADVANCE OF ANY WORK THAT MAY AFFECT THOSE SYSTEMS. MODIFICATIONS OF THESE APPURTENANCES IS THE RESPONSIBILITY OF THE INDIVIDUAL PROPERTY OWNER AND ARE NOT A PART OF THIS CONTRACT.
13. ANY EXISTING PROPERTY CORNERS SHALL BE PRESERVED. CORNERS THAT ARE DISTURBED SHALL BE REPLACED BY A SURVEYOR LICENSED IN THE STATE OF MICHIGAN AT THE CONTRACTOR'S EXPENSE.

PAVEMENT MARKING REMOVALS:

REMOVE ALL LONGITUDINAL PAVEMENT MARKINGS ON LOVELL STREET FROM THE INTERSECTION OF OAKLAND DRIVE EAST TO S PITCHER STREET. REMOVE ALL LEGENDS AND SYMBOLS IN THIS AREA AND THE 24 INCH STOP BAR WITHIN THE CYCLE TRACK AT THE KALAMAZOO MALL INTERSECTION.

REMOVE ANY PARKING T'S & L'S, OR OTHER DESIGNATIONS, ON THE NORTH SIDE OF THE ROADWAY. PARKING AREAS, T'S & L'S, AND OTHER PARKING DESIGNATIONS SHALL REMAIN ON THE SOUTH SIDE OF THE ROADWAY.

DO NOT REMOVE CROSSWALK MARKINGS ON LOVELL STREET IN ANY DIRECTION. CROSSWALK MARKINGS SHALL REMAIN IN PLACE.

PAVEMENT MARKINGS

PLACE T&L's TO LINE UP WITH EXISTING PARKING METERS AND ANY PARKING/NO-PARKING SIGNS THAT REMAIN.

MEASURE LANE WIDTHS FROM NORTH SIDE OF ROADWAY AT FACE OF CURB. CONTROLLING DIMENSION IS CYCLE TRACK WIDTH

SIGNS

REMOVE ALL SIGNS THAT CONFLICT WITH UPDATED PARKING AND/OR CYCLE TRACK.

REMOVE ALL PARKING SIGNS (EXCLUDING ANY EXISTING R8-3 SIGNS) ON THE NORTH SIDE OF THE ROADWAY FROM OAKLAND TO WESTNEDGE.

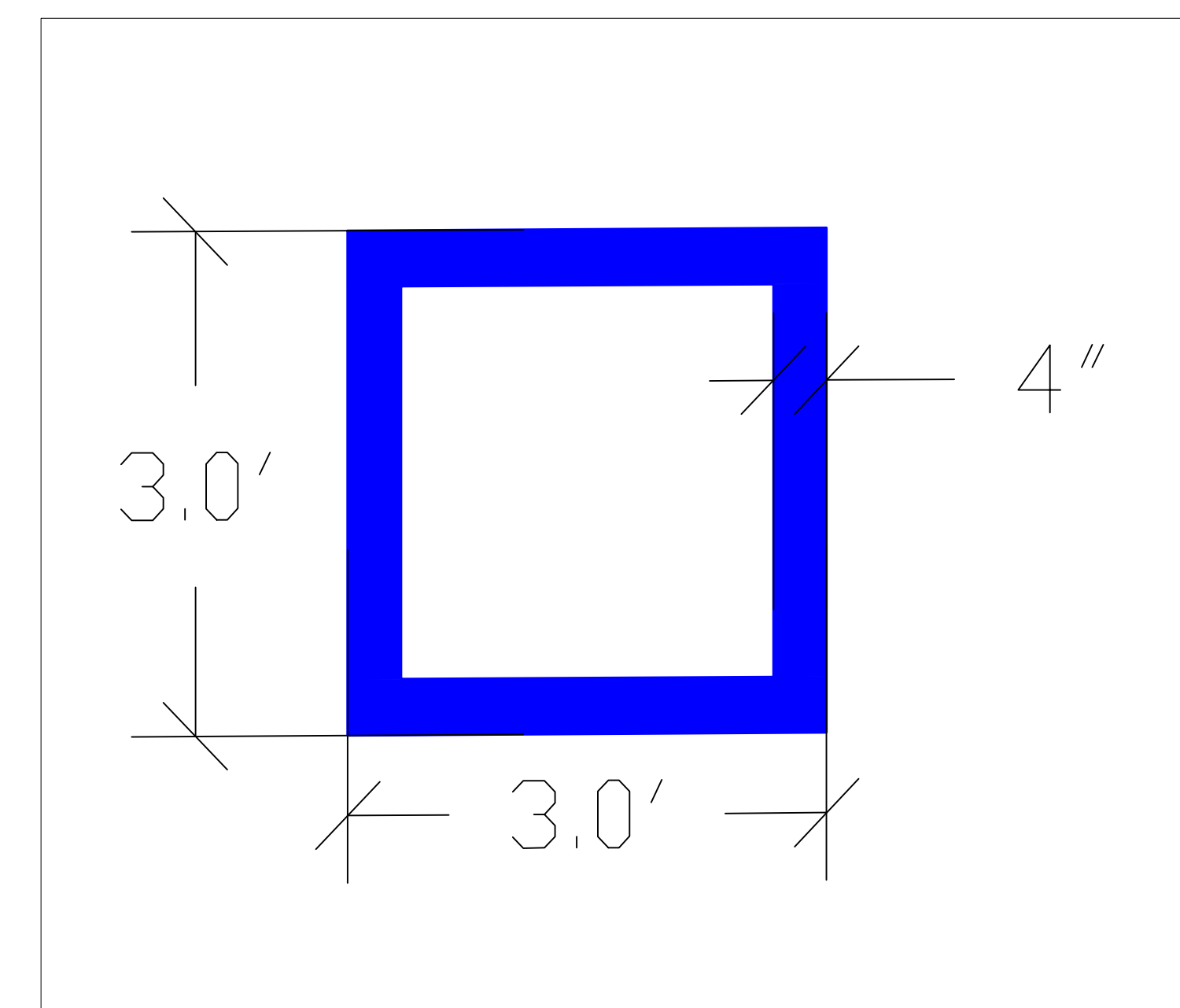
BIKE LANE SIGNS SHALL BE DOUBLED UP (ONE FACING EACH DIRECTION) WITH AN R8-3 (NO PARKING SYMBOL) FACING VEHICLE TRAFFIC.

USE EXISTING POSTS WHEN ABLE; INSTALL NEW POSTS WHEN EXISTING IS NOT PRESENT OR NOT SUITABLE FOR SIGN PLACEMENT.

NON-MOTORIZED BUFFER

BUFFERS SHALL BE INSTALLED BY THE CONTRACTOR. INSTALLATION SHALL BE COORDINATED SO BUFFERS ARE INSTALLED WITHIN TWO WEEKS OF THE LONGITUDINAL PAVEMENT MARKINGS BEING PLACED.

TRASH BIN PICKUP MARKER



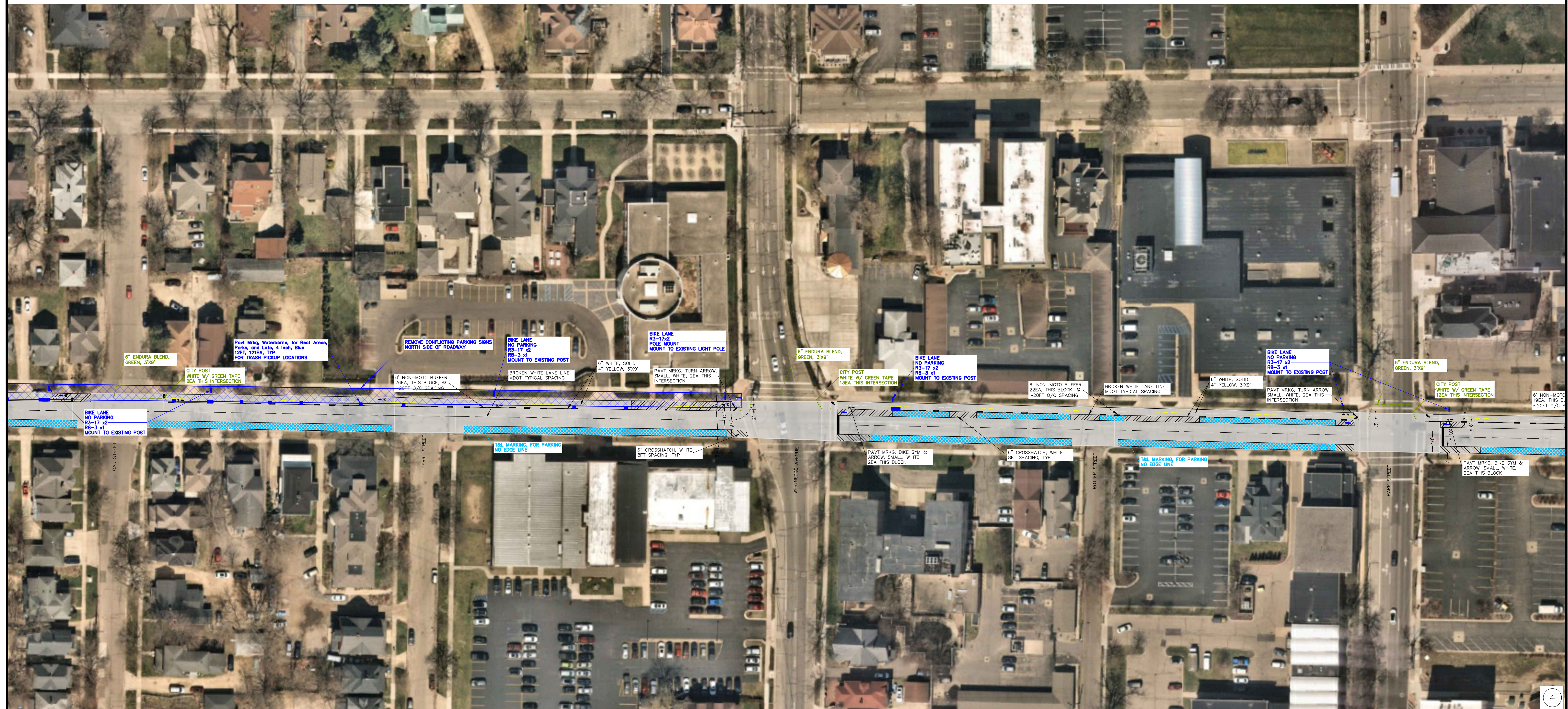


SURVEYED		SCALE		REVISIONS	
DESIGNED	N/A				
DRAWN	GHW	VERTICAL	NONE	1.	
QA/QC	AL	HORIZONTAL	NONE		
ENG PROJ #	MST0100302	DATE	03/25/2023		





SURVEYED		SCALE		REVISIONS	
DESIGNED	N/A				
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QA/QC	AL	HORIZONTAL	NONE		
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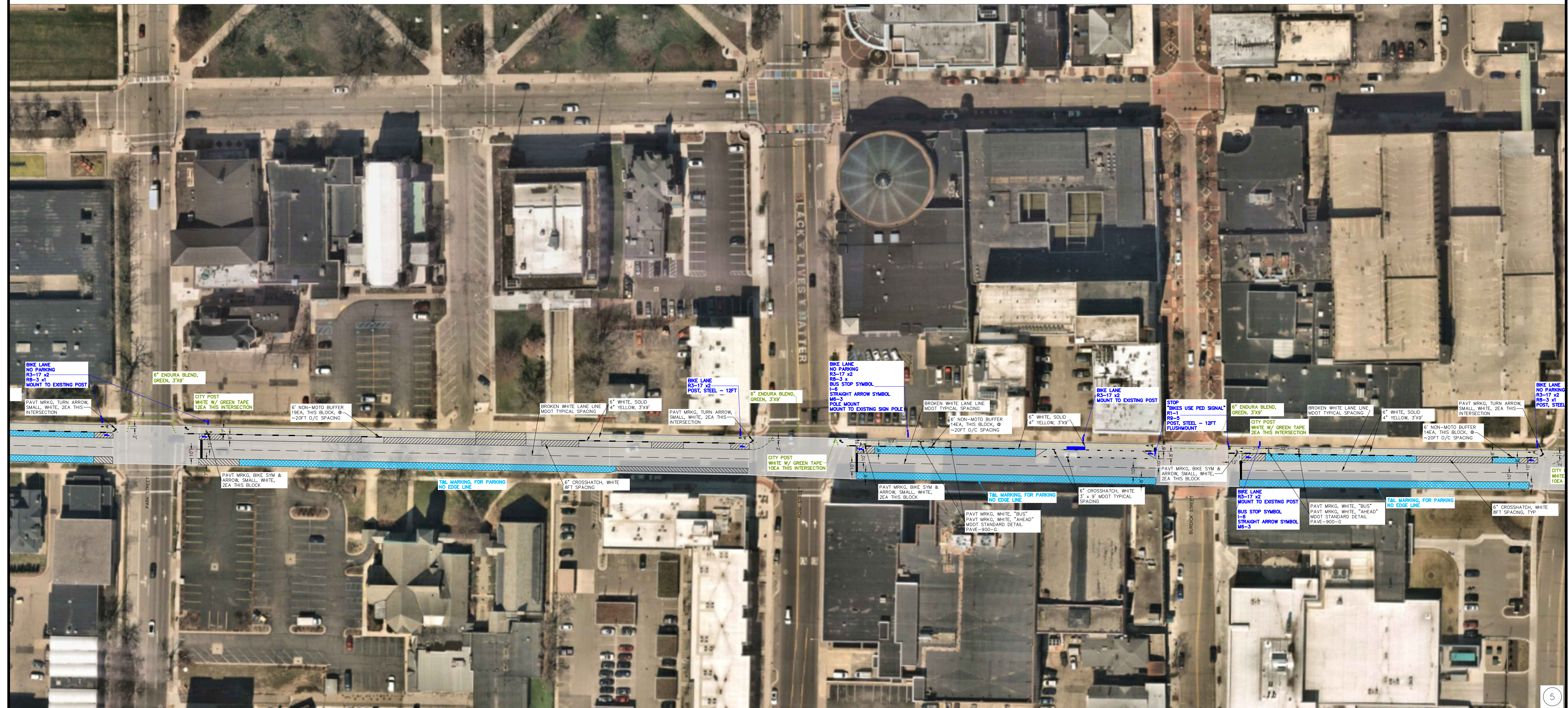




PLAN SHEET

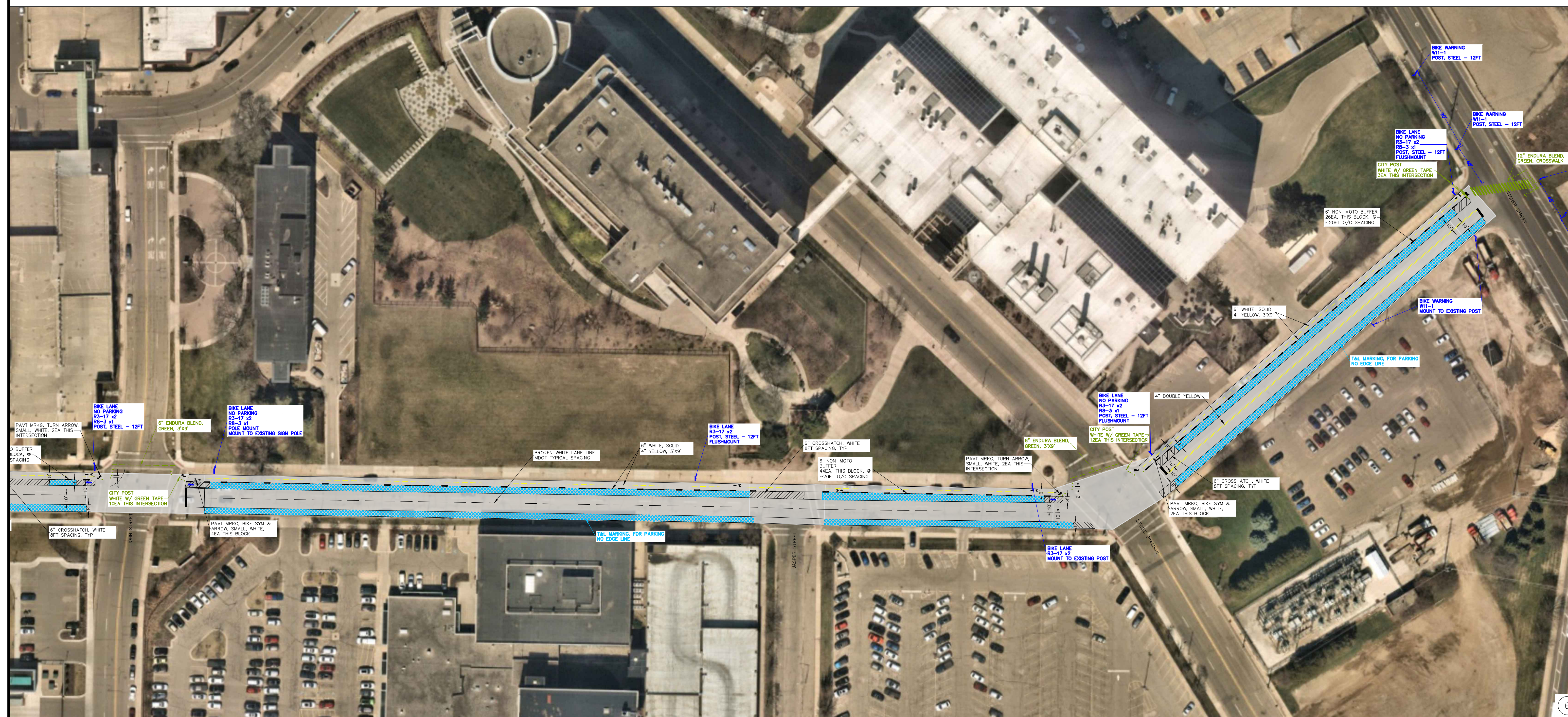
LOVELL PILOT BIKE FACILITY

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DRAWN	GHW	HORIZONTAL	NONE	
QA/QC	AL	DATE	09/25/2023	
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DESIGNED	N/A			
DRAWN	GHW	VERTICAL	NONE	1.
QA/QC	AL	HORIZONTAL	NONE	
ENG PROJ #	MST0100302	DATE	03/25/2023	





		SCALE	REVISIONS
SURVEYED	N/A		
DESIGNED	GHW		
DRAWN	GHW	VERTICAL NONE	1.
QA/QC	AL	HORIZONTAL NONE	
ENG PROJ #	MST0100302	DATE	03/25/2023



6" ENDURA BLEND,
GREEN, 3'X9'

CITY POST
WHITE W/ GREEN TAPE
9EA THIS INTERSECTION

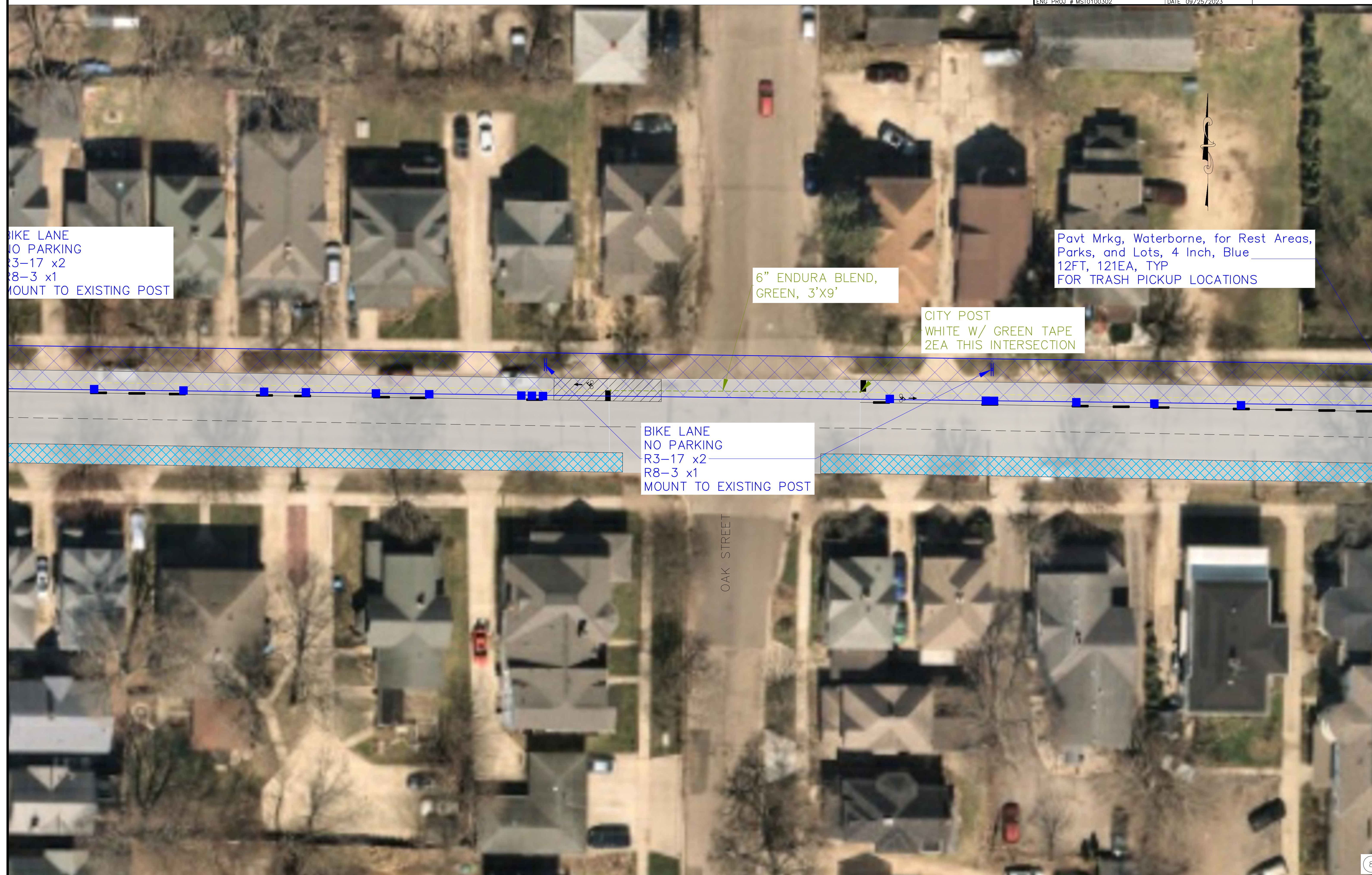
PAVT MRKG, TURN ARROW,
SMALL, WHITE, 1EA THIS
INTERSECTION

6" CROSSHATCH, WHITE
8FT SPACING

PAVT MRKG, BIKE SYM &
ARROW, SMALL, WHITE,
11EA THIS SECTION



SURVEYED	N/A	SCALE		REVISIONS
DESIGNED	GHW	VERTICAL	NONE	1.
DRAWN	GHW	HORIZONTAL	NONE	
QA/QC	AL	DATE	03/25/2023	
ENG PROJ #	MST0100302			



BIKE LANE
NO PARKING
R3-17 x2
R8-3 x1
MOUNT TO EXISTING POST

Pavt Mrkg, Waterborne, for Rest Areas,
Parks, and Lots, 4 Inch, Blue
12FT, 121EA, TYP
FOR TRASH PICKUP LOCATIONS

6" ENDURA BLEND,
GREEN, 3'x9'

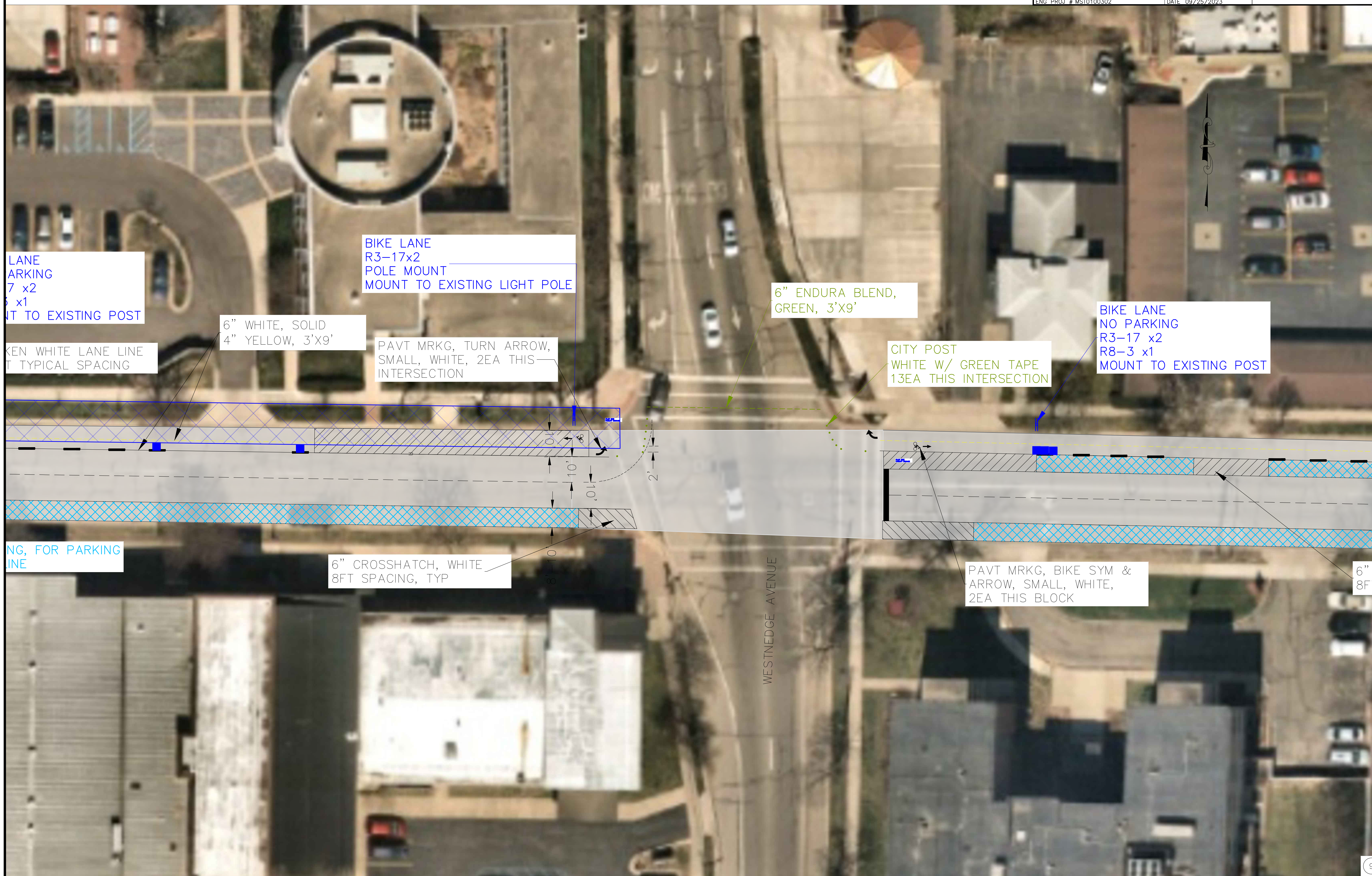
CITY POST
WHITE W/ GREEN TAPE
2EA THIS INTERSECTION

BIKE LANE
NO PARKING
R3-17 x2
R8-3 x1
MOUNT TO EXISTING POST

OAK STREET



		SCALE	REVISIONS
SURVEYED	N/A		
DESIGNED	GHW	VERTICAL NONE	1.
DRAWN	GHW	HORIZONTAL NONE	
QA/QC	AL	DATE	09/25/2023
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LANE
MARKING
7' x 2'
6' x 1'
MOUNT TO EXISTING POST

BIKE LANE
R3-17x2
POLE MOUNT
MOUNT TO EXISTING LIGHT POLE

6" ENDURA BLEND,
GREEN, 3'x9'

BIKE LANE
NO PARKING
R3-17 x2
R8-3 x1
MOUNT TO EXISTING POST

6" WHITE, SOLID
4" YELLOW, 3'x9'

PAVT MRKG, TURN ARROW,
SMALL, WHITE, 2EA THIS
INTERSECTION

CITY POST
WHITE W/ GREEN TAPE
13EA THIS INTERSECTION

MARKING, FOR PARKING
LINE

6" CROSSHATCH, WHITE
8FT SPACING, TYP

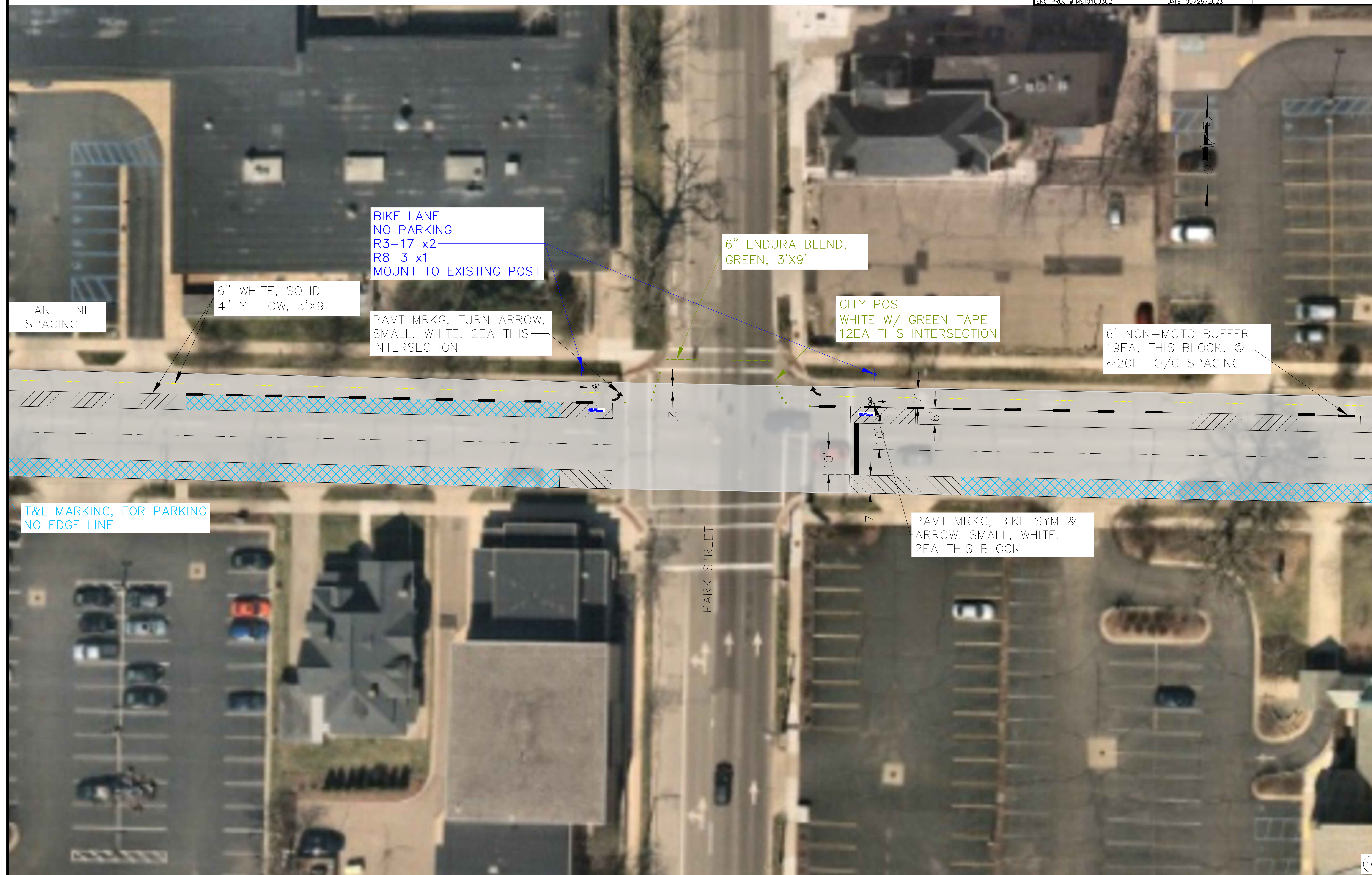
PAVT MRKG, BIKE SYM &
ARROW, SMALL, WHITE,
2EA THIS BLOCK

6" CROSSHATCH
8FT SPACING, TYP

WESTNEDGE AVENUE



		SCALE	REVISIONS
SURVEYED	N/A		
DESIGNED	GHW	VERTICAL NONE	1.
DRAWN	GHW	HORIZONTAL NONE	
QA/QC	AL	DATE	03/25/2023
ENG PROJ #	MST0100302		



BIKE LANE
NO PARKING
R3-17 x2
R8-3 x1
MOUNT TO EXISTING POST

6" ENDURA BLEND,
GREEN, 3'X9'

CITY POST
WHITE W/ GREEN TAPE
12EA THIS INTERSECTION

6' NON-MOTO BUFFER
19EA, THIS BLOCK, @
~20FT O/C SPACING

6" WHITE, SOLID
4" YELLOW, 3'X9'

PAVT MRKG, TURN ARROW,
SMALL, WHITE, 2EA THIS
INTERSECTION

LANE LINE
SPACING

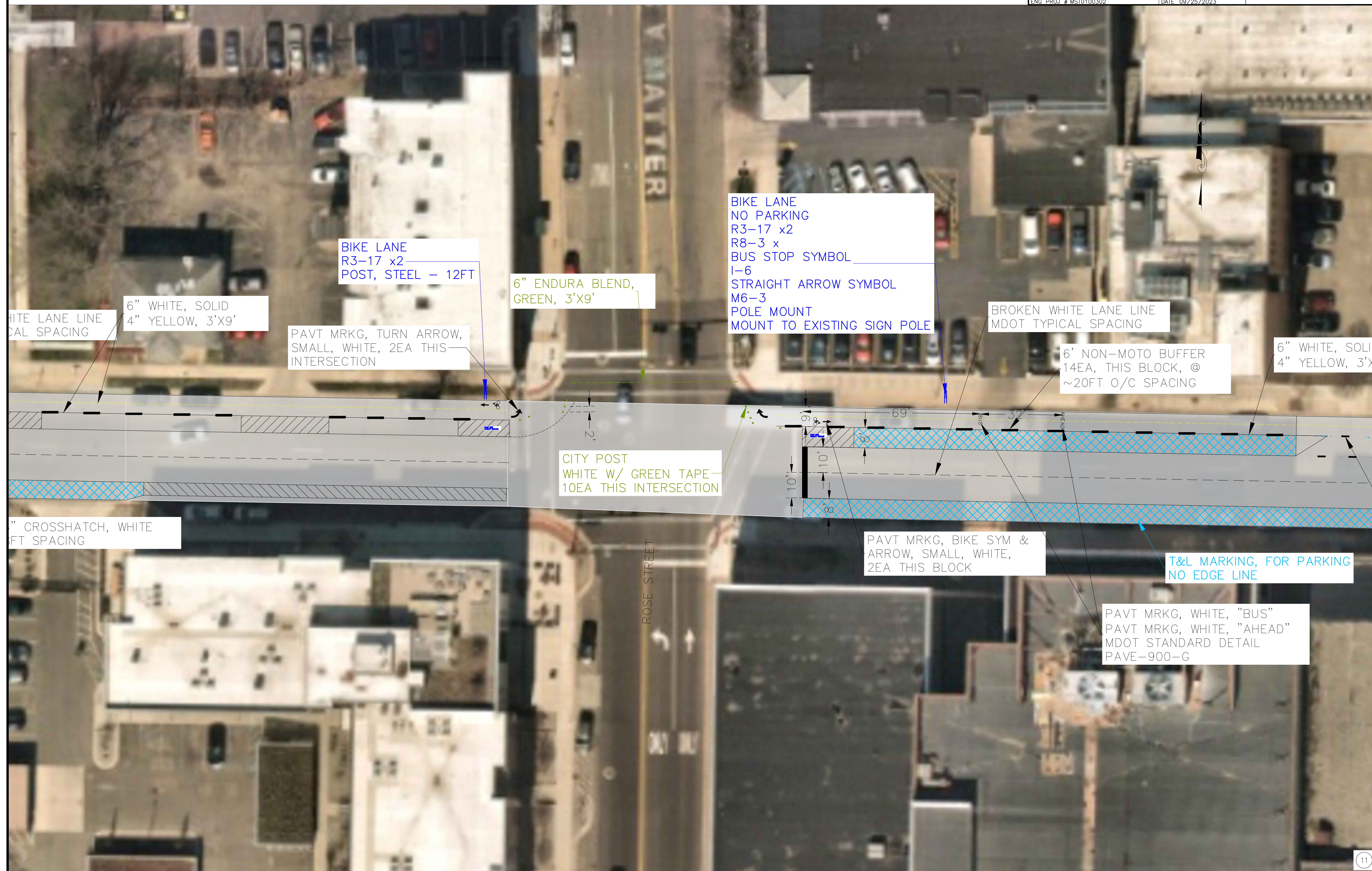
T&L MARKING, FOR PARKING
NO EDGE LINE

PAVT MRKG, BIKE SYM &
ARROW, SMALL, WHITE,
2EA THIS BLOCK

PARK STREET



		SCALE	REVISIONS
SURVEYED	N/A		
DESIGNED	GHW	VERTICAL NONE	1.
DRAWN	GHW	HORIZONTAL NONE	
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SURVEYED		SCALE		REVISIONS	
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ENG PROJ #	MST0100302	DATE	03/25/2023		



BROKEN WHITE LANE LINE
MDOT TYPICAL SPACING

6' NON-MOTO BUFFER
14EA, THIS BLOCK, @
~20FT O/C SPACING

6" WHITE, SOLID
4" YELLOW, 3'x9'

BIKE LANE
R3-17 x2
MOUNT TO EXISTING POST

STOP
"BIKES USE PED SIGNAL"
R1-1
R9-5
POST, STEEL - 12FT
FLUSHMOUNT

6" ENDURA BLEND,
GREEN, 3'x9'

CITY POST
WHITE W/ GREEN TAPE
2EA THIS INTERSECTION

BROKEN WHITE LANE LINE
MDOT TYPICAL SPACING

6" WHITE, SOLID
4" YELLOW, 3'x9'

PAVT MRKG, BIKE SYM &
ARROW, SMALL, WHITE,
2EA THIS BLOCK

SYM &
HITE,

T&L MARKING, FOR PARKING
NO EDGE LINE

6" CROSSHATCH, WHITE
3' x 9' MDOT TYPICAL
SPACING

PAVT MRKG, WHITE, "BUS"
PAVT MRKG, WHITE, "AHEAD"
MDOT STANDARD DETAIL
PAVE-900-G

BIKE LANE
R3-17 x2
MOUNT TO EXISTING POST

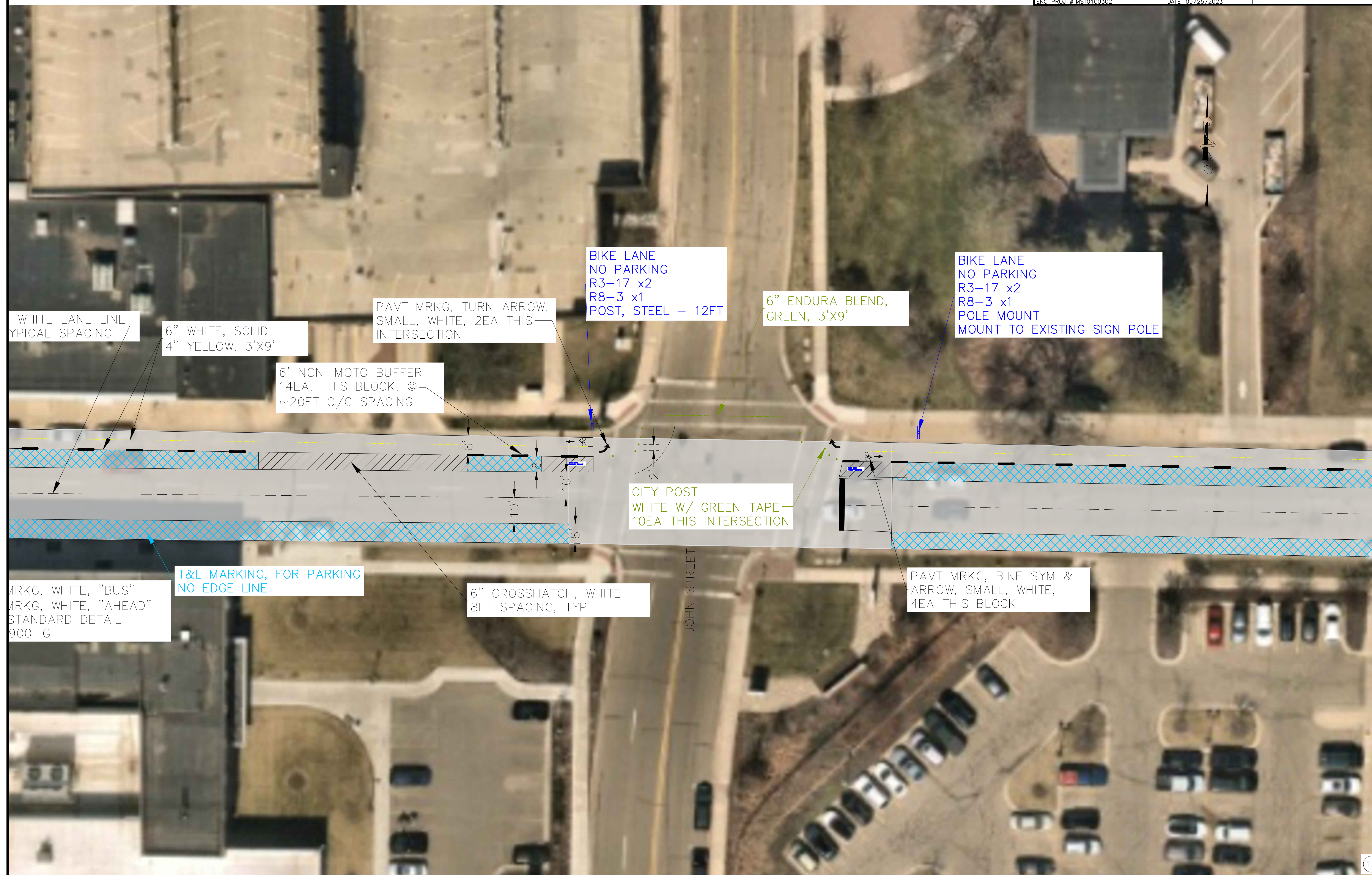
BUS STOP SYMBOL
I-6
STRAIGHT ARROW SYMBOL
M6-3

PAVT MRKG, WHITE, "BUS"
PAVT MRKG, WHITE, "AHEAD"
MDOT STANDARD DETAIL
PAVE-900-G

T&L MARKING,
NO EDGE LINE



SURVEYED	N/A	SCALE		REVISIONS
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ENG PROJ #	MST0100302			



WHITE LANE LINE
TYPICAL SPACING

6" WHITE, SOLID
4" YELLOW, 3'x9'

6' NON-MOTO BUFFER
14EA, THIS BLOCK, @
~20FT O/C SPACING

PAVT MRKG, TURN ARROW,
SMALL, WHITE, 2EA THIS
INTERSECTION

BIKE LANE
NO PARKING
R3-17 x2
R8-3 x1
POST, STEEL - 12FT

6" ENDURA BLEND,
GREEN, 3'x9'

BIKE LANE
NO PARKING
R3-17 x2
R8-3 x1
POLE MOUNT
MOUNT TO EXISTING SIGN POLE

CITY POST
WHITE W/ GREEN TAPE
10EA THIS INTERSECTION

MRKG, WHITE, "BUS"
MRKG, WHITE, "AHEAD"
STANDARD DETAIL
900-G

T&L MARKING, FOR PARKING
NO EDGE LINE

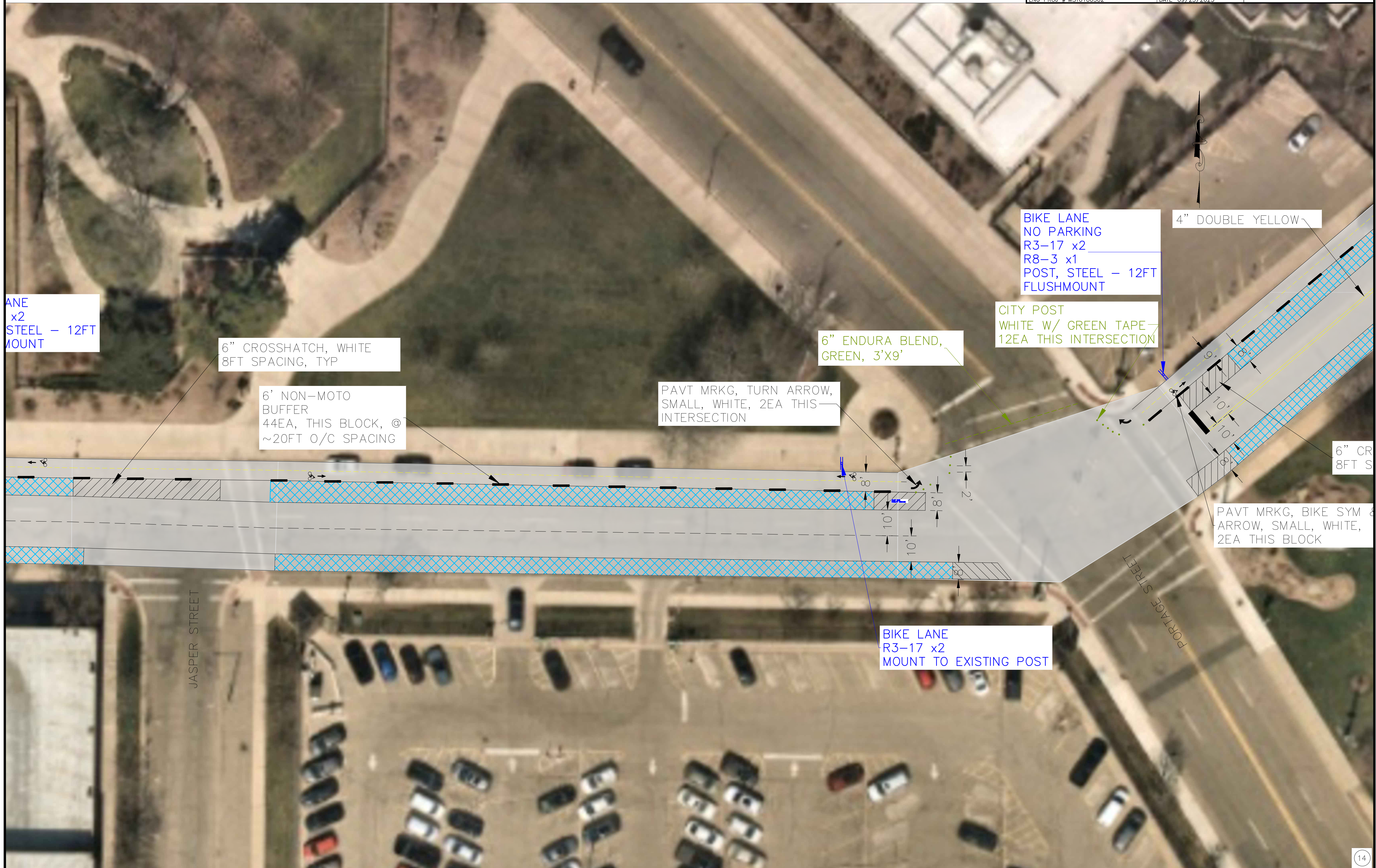
6" CROSSHATCH, WHITE
8FT SPACING, TYP

PAVT MRKG, BIKE SYM &
ARROW, SMALL, WHITE,
4EA THIS BLOCK

JOHN STREET



		SCALE	REVISIONS
SURVEYED	N/A		
DESIGNED	GHW		
DRAWN	GHW	VERTICAL NONE	1.
QA/QC	AL	HORIZONTAL NONE	
ENG PROJ #	MST0100302	DATE	03/25/2023



BIKE LANE
R3-17 x2
STEEL - 12FT
FLUSHMOUNT

6" CROSSHATCH, WHITE
8FT SPACING, TYP

6' NON-MOTO
BUFFER
44EA, THIS BLOCK, @
~20FT O/C SPACING

PAVT MRKG, TURN ARROW,
SMALL, WHITE, 2EA THIS
INTERSECTION

6" ENDURA BLEND,
GREEN, 3'X9'

CITY POST
WHITE W/ GREEN TAPE -
12EA THIS INTERSECTION

BIKE LANE
NO PARKING
R3-17 x2
R8-3 x1
POST, STEEL - 12FT
FLUSHMOUNT

4" DOUBLE YELLOW

6" CR
8FT S

PAVT MRKG, BIKE SYM
ARROW, SMALL, WHITE,
2EA THIS BLOCK

BIKE LANE
R3-17 x2
MOUNT TO EXISTING POST

JASPER STREET

PORTAGE STREET



		SCALE	REVISIONS
SURVEYED	N/A		
DESIGNED	GHW	VERTICAL NONE	1.
DRAWN	GHW	HORIZONTAL NONE	
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BIKE WARNING
W11-1
POST, STEEL - 12FT

BIKE WARNING
W11-1
POST, STEEL - 12FT

BIKE LANE
NO PARKING
R3-17 x2
R8-3 x1
POST, STEEL - 12FT
FLUSHMOUNT

CITY POST
WHITE W/ GREEN TAPE
3EA THIS INTERSECTION

12" ENDURA BLEND,
GREEN, CROSSWALK

BIKE WARNING SIGN
W/ARROW
W11-1
W16-7P
POST, STEEL - 12FT

BIKE WARNING
W11-1
POST, STEEL - 12FT

6' NON-MOTO BUFFER
26EA, THIS BLOCK, @
~20FT O/C SPACING

6" WHITE, SOLID
4" YELLOW, 3'X9'

BIKE WARNING
W11-1
MOUNT TO EXISTING POST

BIKE WARNING
W11-1
POST, STEEL - 12FT



CITY OF KALAMAZOO
DEPARTMENT OF PUBLIC SERVICES
ENGINEERING

PORTAGE ST - PAVEMENT MARKINGS

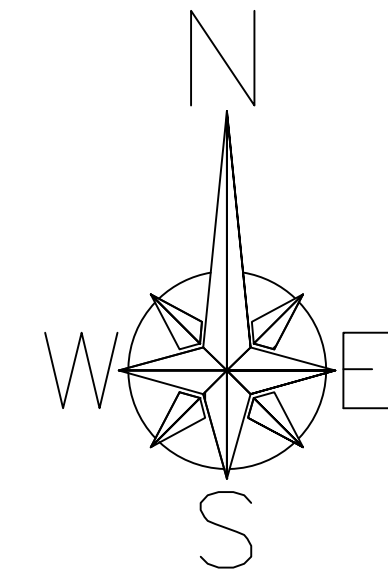
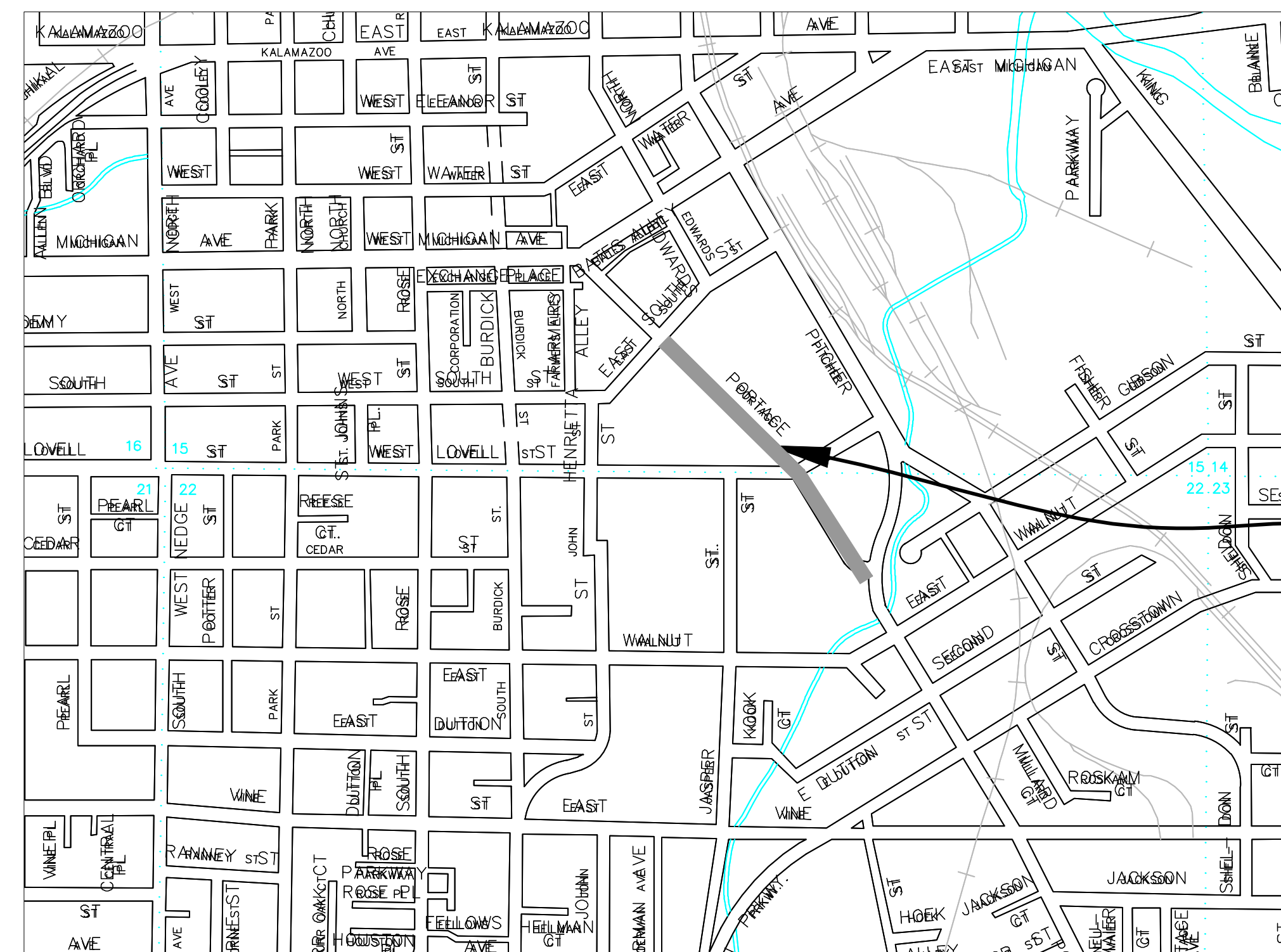
FROM PITCHER TO SOUTH

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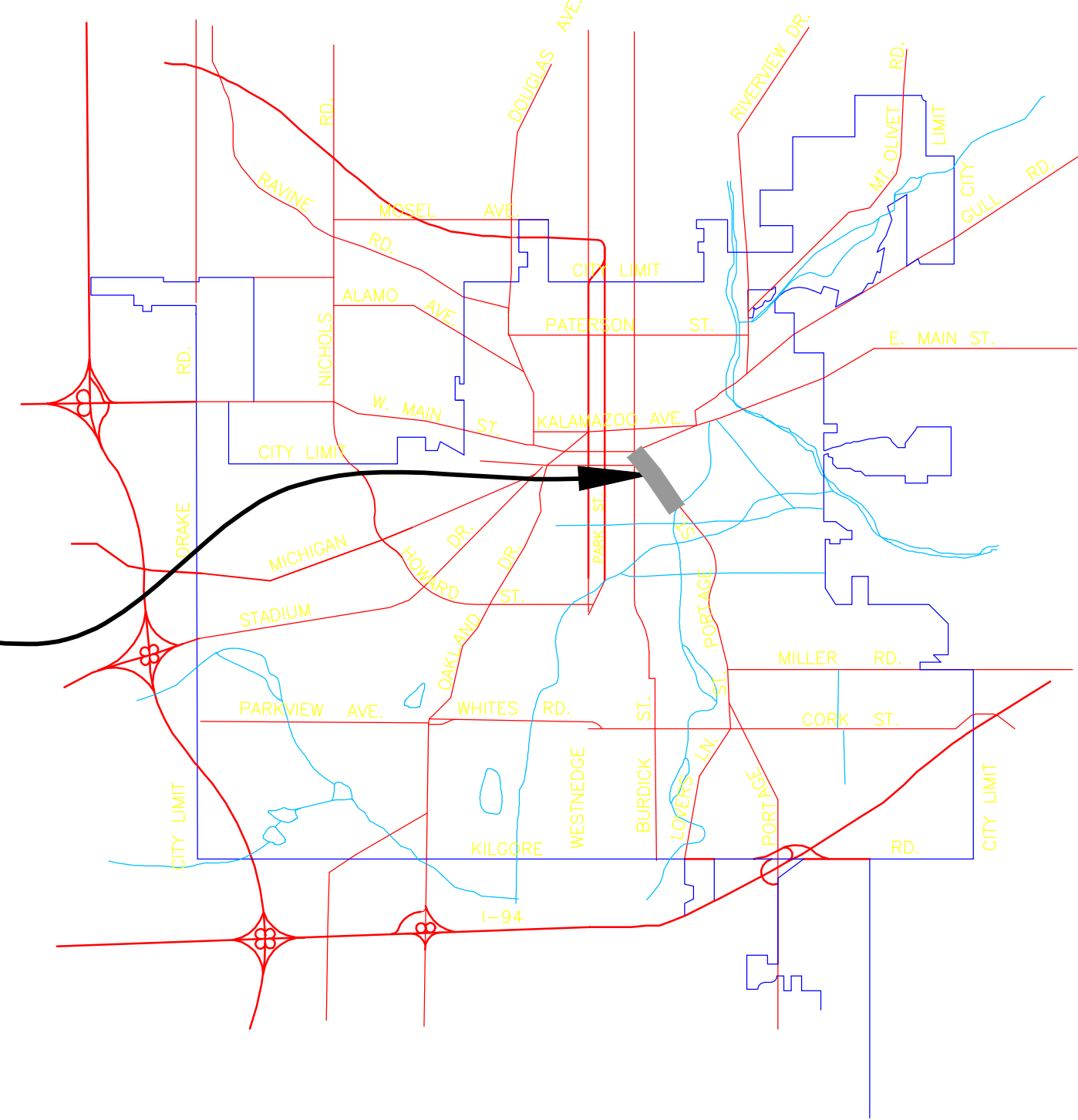
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UTILITY CONTACTS

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SEWER CITY OF KALAMAZOO 1415 N HARRISON ST. KALAMAZOO, MI 49007 SOHIL MANJIYANI (269) 216-1794 MANJIYANIS@KALAMAZOOCITY.ORG	



City of Kalamazoo



PROJECT LOCATION



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DEPARTMENT OF PUBLIC SERVICES - Engineering
415 E. STOCKBRIDGE AVE., KALAMAZOO, MI 49001
PH. # (269)337-8601



GENERAL NOTES

PORTAGE ST - PAVEMENT MARKINGS

SURVEYED	N/A	SCALE		REVISIONS
DESIGNED	GHW	VERTICAL	NONE	1.
DRAWN	GHW	HORIZONTAL	NONE	
QA/QC	AL	DATE	01/12/2024	
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FURNISH AND INSTALL ALL MATERIALS AND LABOR TO PROVIDE A COMPLETE WORKING SYSTEM.

11. THE TACTILE PLATES FOR THE ADA RAMPS SHALL BE UNIFORM IN COLOR IN EITHER COLONIAL OR BRICK RED TO MATCH EXISTING DETECTABLE WARNING PLATES THROUGHOUT THE CITY. TRUNCATED DOMES SHALL BE TAMPED INTO WET CONCRETE IN ACCORDANCE WITH MDOT AND ADA ACCESSIBILITY GUIDELINES FOR DETECTABLE WARNINGS AND THE MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION.
12. OWNERS OF IRRIGATION SYSTEMS AND LANDSCAPING ITEMS WILL BE NOTIFIED BY THE CONTRACTOR TWO WEEKS IN ADVANCE OF ANY WORK THAT MAY AFFECT THOSE SYSTEMS. MODIFICATIONS OF THESE APPURTENANCES IS THE RESPONSIBILITY OF THE INDIVIDUAL PROPERTY OWNER AND ARE NOT A PART OF THIS CONTRACT.
13. ANY EXISTING PROPERTY CORNERS SHALL BE PRESERVED. CORNERS THAT ARE DISTURBED SHALL BE REPLACED BY A SURVEYOR LICENSED IN THE STATE OF MICHIGAN AT THE CONTRACTOR'S EXPENSE.

14. PAVEMENT MARKINGS

REMOVE LONGITUDINAL SKIP LINES, LANE LINES, OR OTHER LANE MARKINGS THAT DO NOT LINE UP WITH NEW LANE LAYOUT. ANY EXISTING MARKINGS THAT WILL BE FULLY COVERED BY NEW LAYOUT SHOULD REMAIN

DO NOT REMOVE CROSSWALK MARKINGS.

TO THE MAXIMUM EXTEND POSSIBLE, PLACE LONGITUDINAL LINES TO MATCH UP AND BE PLACED OVER THE EXISTING LANE MARKINGS AT THE DIRECTION OF THE ENGINEER.

15. SIGNS

REMOVE ALL SIGNS THAT CONFLICT WITH PARKING AND/OR BIKE LANE.

USE EXISTING POSTS WHEN ABLE; INSTALL NEW POSTS WHEN EXISTING IS NOT PRESENT OR NOT SUITABLE FOR SIGN PLACEMENT.



		SCALE	REVISIONS
SURVEYED	N/A		
DESIGNED	GHW		
DRAWN	GHW	VERTICAL NONE	1.
QA/QC	AL	HORIZONTAL NONE	
ENG PROJ #	MST0100XXX	DATE	01/12/2024





		SCALE	REVISIONS
SURVEYED	N/A		
DESIGNED	GHW		
DRAWN	GHW	VERTICAL NONE	1.
QA/QC	AL	HORIZONTAL NONE	
ENG PROJ #	MST0100XXX	DATE	01/12/2024



BIKE LANE
R3-17 x2
FLUSH MOUNT, NEW POST

BIKE LANE
R3-17 x2
FLUSH MOUNT, NEW POST

PAVT MRKG, 4 INCH, DOUBLE YELLOW
2,000FT

PAVT MRKG, 6 INCH, WHITE
3,470FT

BIKE LANE
R3-17 x2
FLUSH MOUNT, NEW POST

BIKE LANE
R3-17 x2
FLUSH MOUNT, NEW POST

LOVELL STREET

PORTAGE STREET

LOVELL STREET



		SCALE	REVISIONS
SURVEYED	N/A		
DESIGNED	GHW	VERTICAL - NONE	1.
DRAWN	GHW	HORIZONTAL - NONE	
QA/QC	AL	DATE	01/12/2024
ENG. PROJ. #	MST0100XXX		





CITY OF KALAMAZOO
DEPARTMENT OF PUBLIC SERVICES
ENGINEERING

STADIUM PILOT BIKE FACILITY

FROM RAMBLING TO HOWARD

INDEX OF SHEETS

1. TITLE SHEET
2. GENERAL NOTES
3. PLAN 1
4. PLAN 2
5. PLAN 3
6. PLAN 4
7. PLAN 5
8. PLAN 6

UTILITY CONTACTS

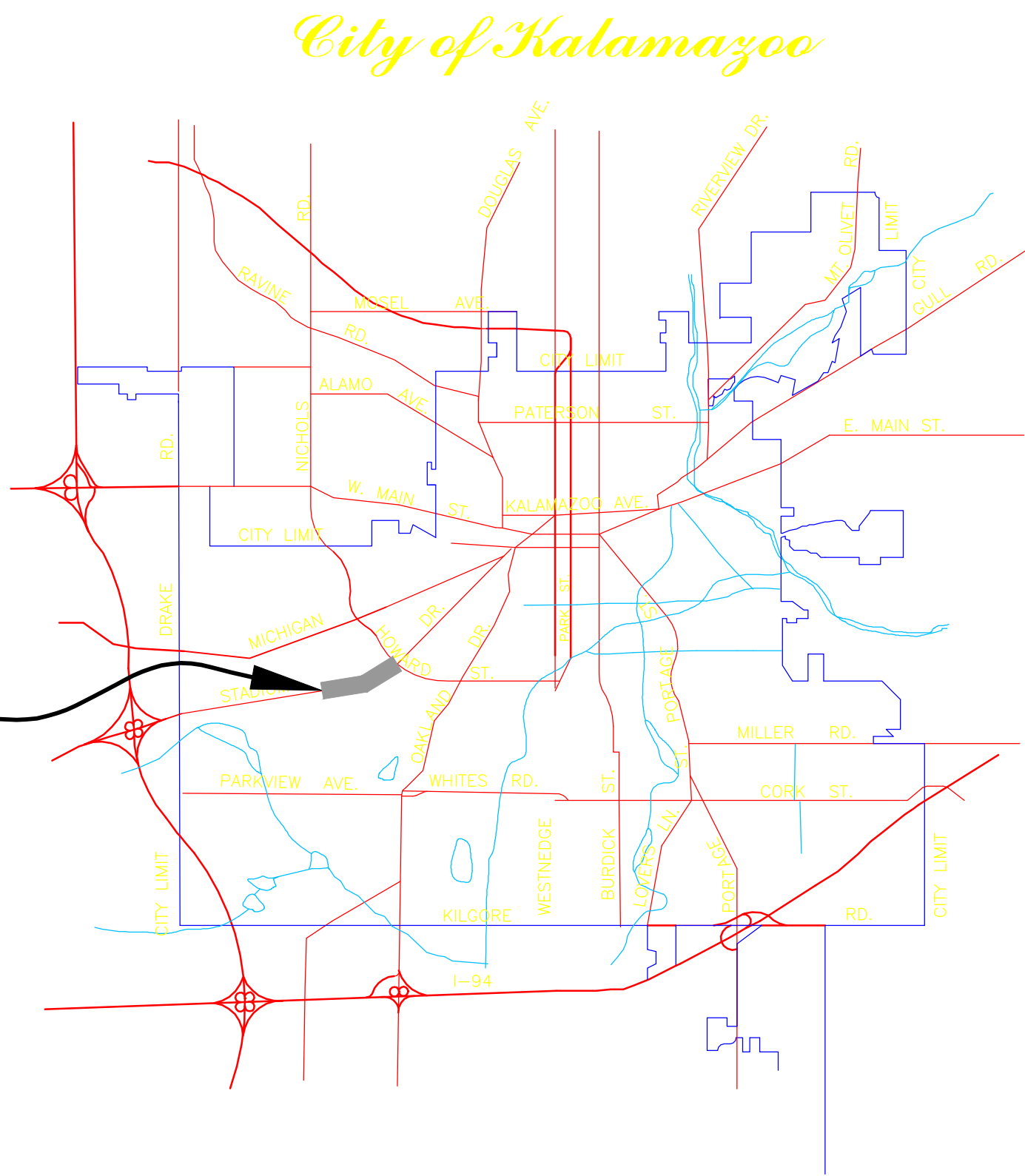
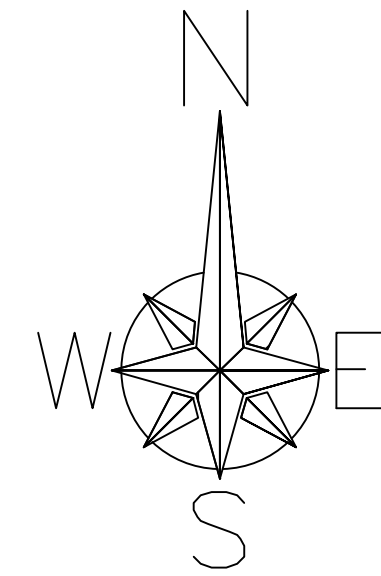
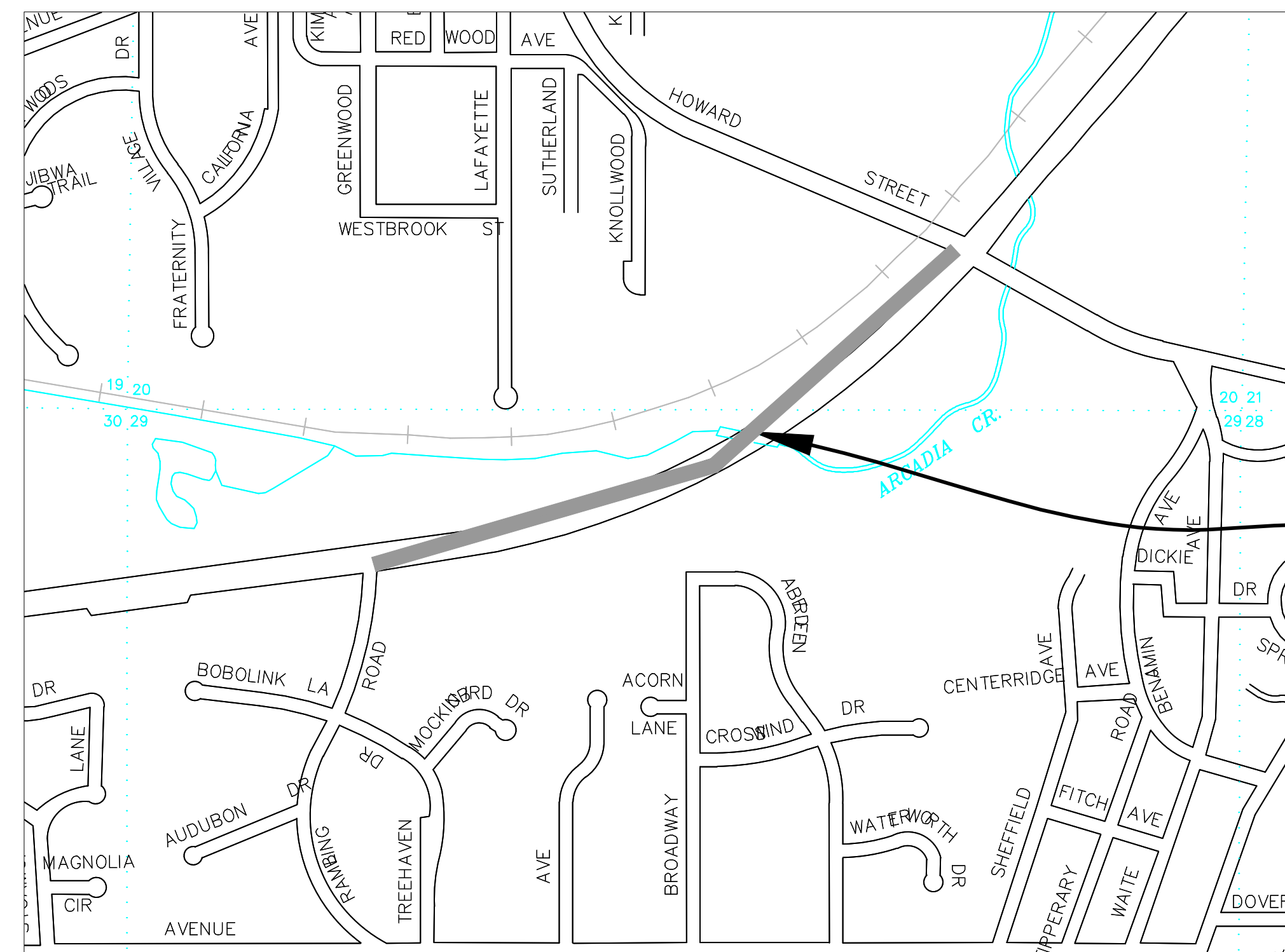
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J:\STREET\STREET PROJECTS\MST Project Stage 4 - Design\mst1006012 & gfr0201002 Safe Streets Plan Development Drawings\Stadium Cycle Track Title No Removal.dwg





GENERAL NOTES

STADIUM PILOT BIKE FACILITY RAMBLING - HOWARD

SURVEYED	N/A	SCALE	REVISIONS
DESIGNED	GHW	VERTICAL	NONE
DRAWN	GHW	HORIZONTAL	NONE
QA/QC	AL	DATE	10/31/2023
ENG PROJ #	MST0100XXX		

1. THE "2020 STANDARD SPECIFICATIONS FOR CONSTRUCTION" AND "STANDARD PLANS" BY THE MICHIGAN DEPARTMENT OF TRANSPORTATION (MDOT) ARE HEREBY INCORPORATED INTO THESE CONTRACT DOCUMENTS. COPIES OF THESE STANDARDS ARE AVAILABLE FOR INSPECTION AT THE OFFICE OF THE ENGINEER.

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

3. ALL WORK SHALL CONFORM TO ALL LOCAL, STATE AND FEDERAL LAWS, RULES AND REGULATIONS IN FORCE AT THE TIME OF CONSTRUCTION.

4. 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 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. THE CONTRACTOR SHALL LOCATE ALL ACTIVE UNDERGROUND UTILITIES PRIOR TO STARTING WORK AND SHALL CONDUCT HIS OPERATIONS IN A MANNER AS TO ENSURE THAT THOSE UTILITIES NOT REQUIRING RELOCATION WILL NOT BE DISTURBED.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE CITY OF KALAMAZOO TO NOTIFY THEM THAT WORK IS COMMENCING

6. CITY OF KALAMAZOO STANDARD DETAILS SHALL BE FOLLOWED TO THE EXTENT APPLICABLE

7. THE CONTRACTOR SHALL CONDUCT THEIR WORK IN SUCH A MANNER SO NO EXCAVATIONS ARE LEFT OPEN OVERNIGHT. IF THIS IS NOT POSSIBLE, THE CONTRACTOR SHALL PROVIDE AND INSTALL A TEMPORARY FENCE TO PROTECT THE EXCAVATION AT THEIR OWN EXPENSE.

8. TAPER THE CURBS TO ZERO HEIGHT AT SIDEWALKS. SIDEWALK RAMPS SHALL BE BARRIER FREE AND CONSTRUCTED IN ACCORDANCE WITH THE MDOT SIDEWALK RAMP AND DETECTABLE WARNING DETAILS (R-28 SERIES). SIDEWALK JOINTS SHALL BE IN ACCORDANCE WITH THE MDOT DRIVEWAY

OPENINGS & APPROACHES AND CONCRETE SIDEWALKS (R-29 SERIES) UNLESS NOTED OTHERWISE.

9. ALL PERMANENT SIGNAGE SHALL COMPLY WITH THE MICHIGAN'S BARRIER FREE DESIGN REQUIREMENTS AND THE AMERICANS WITH DISABILITIES ACT.

10. ALL ELECTRICAL WORK SHALL BE PERFORMED BY A STATE OF MICHIGAN LICENSED ELECTRICIAN ACCORDING TO THE NATIONAL ELECTRICAL CODE AS MODIFIED BY THE STATE OF MICHIGAN. FURNISH AND INSTALL ALL MATERIALS AND LABOR TO PROVIDE A COMPLETE WORKING SYSTEM.

11. THE TACTILE PLATES FOR THE ADA RAMPS SHALL BE UNIFORM IN COLOR IN EITHER COLONIAL OR BRICK RED TO MATCH EXISTING DETECTABLE WARNING PLATES THROUGHOUT THE CITY. TRUNCATED DOMES SHALL BE TAMPED INTO WET CONCRETE IN ACCORDANCE WITH MDOT AND ADA ACCESSIBILITY GUIDELINES FOR DETECTABLE WARNINGS AND THE MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION.

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13. ANY EXISTING PROPERTY CORNERS SHALL BE PRESERVED. CORNERS THAT ARE DISTURBED SHALL BE REPLACED BY A SURVEYOR LICENSED IN THE STATE OF MICHIGAN AT THE CONTRACTOR'S EXPENSE.

PAVEMENT MARKINGS

14. ALL PAVEMENT MARKINGS SHOULD BE IN ACCORDANCE TO THE LATEST VERSION OF THE MMUTCD AND MDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION.

15. VEHICLE LANE WIDTHS SHALL BE 11FT, TYPICAL. VEHICLE LANE WIDTHS ARE THE CONTROLLING DIMENSION IN THIS PLAN SET.

16. NON-MOTORIZED LANE WIDTHS SHALL BE 5FT, NOMINAL. TWO-WAY DIVIDING SKIP LINES SHALL BE PLACED DOWN CENTER OF NON-MOTORIZED LANE.

17. A SECOND APPLICATION OF WATERBORNE PAINT MAY BE REQUESTED FOR LONGITUDINAL PAVEMENT MARKINGS AND PERFORMED AT HALF THE COST OF THE ORIGINAL PAY ITEMS

NON-MOTORIZED BUFFER

18. NON-MOTORIZED BUFFERS SHALL BE SPACED 50FT ON-CENTER AND LOCATED ON THE OUTSIDE OF THE 12" WHITE EDGE LINE.

SIGNALS & DETECTION

19. CHANGES WITH SIGNAL HEAD ALIGNMENT AND FUNCTION SHALL BE COORDINATED WITH THE CITY'S TRAFFIC ENGINEERING A MINIMUM OF TWO WEEKS AHEAD OF IMPLEMENTATION.

20. DETECTION FOR BIKES SHALL BE COORDINATED WITH THE CITY FOR IMPLEMENTATION TWO WEEKS IN ADVANCE OF FINAL PAVEMENT MARKINGS BEING PLACED.



		SCALE	REVISIONS
SURVEYED	N/A		
DESIGNED	GHW	VERTICAL NONE	1.
DRAWN	GHW	HORIZONTAL 1:20	
QA/QC	AL	DATE 10/31/2023	
ENG PROJ #	MST0100XXX		





		SCALE	REVISIONS
SURVEYED	N/A		
DESIGNED	GHW		
DRAWN	GHW	VERTICAL NONE	1.
QA/QC	AL	HORIZONTAL 1:20	
ENG PROJ #	MST0100XXX	DATE 10/31/2023	



BIKE
NO
R3-
R8-
SIGN
x2,



SURVEYED	N/A	SCALE	REVISIONS
DESIGNED	GHW	VERTICAL	NONE
DRAWN	GHW	HORIZONTAL	1:20
QA/QC	AL	DATE	10/31/2023
ENG PROJ #	MST0100XXXX		



BIKE LANE
NO PARKING
R3-17 x2
R8-3 x1
SIGN, TYPE IIIA
x2, BACK-TO-BACK

BIKE SYM W/ARROW
3EA

NON-MOTO BUFFER, SPECIAL
@50FT O/C INTERVALS

PAVT MRKG, 4INCH, YELLOW
3' x 9', MDOT TYPICAL
PAVT MRKG, 12INCH, WHITE

BIKE LANE
NO PARKING
R3-17 x2
R8-3 x1
SIGN, TYPE IIIA
x2, BACK-TO-BACK



		SCALE	REVISIONS
SURVEYED	N/A		
DESIGNED	GHW		
DRAWN	GHW	VERTICAL NONE	1.
QA/QC	AL	HORIZONTAL 1:20	
ENG PROJ #	MST0100XXX	DATE 10/31/2023	

3EA

BIKE LANE
NO PARKING
R3-17 x2
R8-3 x1
SIGN, TYPE IIIA
x2, BACK-TO-BACK

NON-MOTO BUFFER, SPECIAL
@50FT O/C INTERVALS

PAVT MRKG, 4INCH, YELLOW
3' x 9', MDOT TYPICAL
PAVT MRKG, 12INCH, WHITE





		SCALE	REVISIONS
SURVEYED	N/A		
DESIGNED	GHW	VERTICAL NONE	1.
DRAWN	GHW	HORIZONTAL 1:20	
QA/QC	AL	DATE	10/31/2023
ENG PROJ #	MST0100XXXX		

PAVT MRKG, 12INCH, WHITE
2960FT

BIKE LANE
NO PARKING
R3-17 x2
R8-3 x1
SIGN, TYPE IIIA
x2, BACK-TO-BACK

BIKE SYM W/ARROW
2EA

NON-MOTO BUFFER, SPECIAL
@50FT O/C INTERVALS

PAVT MRKG, 4INCH, YELLOW
3' x 9', MDOT TYPICAL
PAVT MRKG, 12INCH, WHITE

50'

5'





		SCALE	REVISIONS
SURVEYED	N/A		
DESIGNED	GHW	VERTICAL NONE	1.
DRAWN	GHW	HORIZONTAL 1:20	
QA/QC	AL	DATE	10/31/2023
ENG PROJ #	MST0100XXX		



D11-1 + M6-3
D11-1c + M6-3
D11-1 + M6-4

SHARROW SYM
4EA

BIKE SYM, W/ARROW
2EA

NON-MOTO BUFFER, SPECIAL
55EA, @50FT O/C INTERVALS

BIKE LANE
NO PARKING
R3-17 x2
R8-3 x1
SIGN, TYPE IIIA
x2, BACK-TO-BACK

PAVT MRKG, 4INCH, YELLOW
3' x 9', MDOT TYPICAL
987FT

PAVT MRKG, 12INCH, WHITE
2960FT

50'