

| LEGEND | |
|-------------------------------|--|
| EXISTING SANITARY | |
| EXISTING SANITARY MH | |
| PROPOSED SANITARY | |
| PROPOSED SANITARY MH | |
| EXISTING STORM | |
| EXISTING STORM MH | |
| EXISTING 27" CB | |
| EXISTING 2'x3' CB | |
| EXISTING SUMP OUTLET | |
| PROPOSED STORM | |
| PROPOSED STORM MH | |
| PROPOSED STORM CB | |
| PROPOSED DRAIN TILE CLEANOUT | |
| EXISTING DRAIN TILE | |
| PROPOSED DRAIN TILE | |
| EXISTING WATER MAIN | |
| PROPOSED WATERMAIN | |
| EXISTING HYDRANT | |
| PROPOSED HYDRANT | |
| EXISTING GATE VALVE | |
| PROPOSED GATE VALVE | |
| EXISTING CURB STOP | |
| PROPOSED CURB STOP | |
| EXISTING GAS | |
| EXISTING UNDERGROUND ELECTRIC | |
| EXISTING ELECTRIC MH | |
| EXISTING LIGHT POLE | |
| EXISTING OVERHEAD ELECTRIC | |
| EXISTING POWER POLE | |
| EXISTING FIBER OPTIC | |
| EXISTING TELEPHONE MH | |
| EXISTING TELEPHONE PED | |
| EXISTING CONCRETE | |
| EXISTING BITUMINOUS | |
| EXISTING GRAVEL | |



CONSTRUCTION PLANS FOR 2024
SIDEWALK IMPROVEMENTS

CITY PROJECT NO: 2024-04

CONSTRUCTION PLANS FOR:
CURB & GUTTER, SIDEWALK, AND ADA IMPROVEMENTS

| INDEX OF SHEETS | |
|-----------------|---|
| SHEET NUMBER | SHEET CONTENT |
| 1 | TITLE SHEET |
| 2 | ESTIMATED QUANTITIES |
| 3-4 | EXISTING & REMOVALS (5TH AVE SW) |
| 5-6 | PLAN (5TH AVE SW) |
| 7 | INTERSECTIONS (5TH AVE SW) |
| 8-9 | EROSION CONTROL & TURF ESTABLISHMENT (5TH AVE SW) |
| 10 | EXISTING & REMOVALS (DOWNTOWN) |
| 11 | PLAN (DOWNTOWN) |
| 12 | EROSION CONTROL & TURF ESTABLISHMENT (DOWNTOWN) |
| 13-15 | PHASING (DOWNTOWN) |
| 16-18 | TRAFFIC CONTROL (DOWNTOWN) |
| 19 | DETAILS |
| 20-29 | STANDARD PLANS |

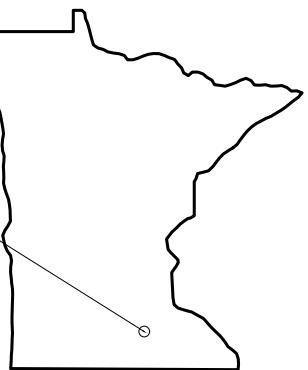
THIS PLAN CONTAINS 29 SHEETS

ALL TRAFFIC CONTROL DEVICES AND SIGNING SHALL CONFORM TO THE MMUTCD, INCLUDING THE MINNESOTA TEMPORARY TRAFFIC CONTROL FIELD MANUAL, DATED SEPTEMBER 2020.

--- SPECIFICATION REFERENCE ---
THE 2020 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" AND THE "SUPPLEMENTAL SPECIFICATIONS" DATED SEPTEMBER 2022 SHALL GOVERN

THE SUB-SURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-2, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUB-SURFACE UTILITY DATA."THE LOCATION OF EXISTING UTILITIES SHOWN ON THE PLAN IS APPROXIMATE AND MAY NOT INCLUDE ALL EXISTING UTILITIES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE LOCATION OF ALL EXISTING UTILITIES. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL CONTACT GOPHER STATE ONE CALL 1-800-252-1166 FOR UTILITY LOCATIONS.

CITY: WASECA
COUNTY : WASECA
DISTRICT: 7



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Nathan Willey

NATHAN WILLEY
DATE: 03/15/2024 LIC. NO. 58967



REVISIONS

| DATE | DESCRIPTION |
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| | |
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| | |

TITLE

2024 SIDEWALK IMPROVEMENTS

2024-04

| |
|-----------------|
| SURVEY CS |
| DESIGNED NW |
| CHECKED AS |
| DRAWN CS |
| SHEET NO. 01 |

| 2024-04 ESTIMATED QUANTITIES | | | | | | | |
|------------------------------|-------------------|--|--------|-----------------------|-------------------------|-------------------------|-------------------------|
| | | | | 5TH ST SW SIDEWALK | DOWNTOWN | MISC REPAIRS | TOTAL |
| ITEM NO. | MNDOT SPEC NO. | ITEM DESCRIPTION | | UNITS | ESTIMATED QUANTITIES | ESTIMATED QUANTITIES | ESTIMATED QUANTITIES |
| 1 | 2021.501 | MOBILIZATION | | LS | .38 | .52 | .10 |
| 2 | 2104.503 | REMOVE CURB & GUTTER | (1) | LF | 300 | | 132 |
| 3 | 2104.503 | SAWING BITUMINOUS PAVEMENT (FULL DEPTH) | | LF | 359 | | 154 |
| 4 | 2104.504 | REMOVE BITUMINOUS PAVEMENT | | SY | 103 | | 49 |
| 5 | 2104.518 | REMOVE CONCRETE WALK | (1) | SF | 1010 | | 265 |
| 6 | 2104.518 | REMOVE CONCRETE WALK AND DECORATIVE BRICK | (1)(2) | SF | | 2352 | |
| 7 | 2506.602 | ADJUST CURB STOP | (3) | EA | | 8 | |
| 8 | 2506.602 | ADJUST FRAME & RING CASTING | | EA | 4 | 2 | |
| 9 | 2506.602 | ADJUST HANDHOLE | | EA | | 1 | |
| 10 | 2506.602 | ADJUST VALVE BOX | | EA | | 1 | |
| 11 | 2521.602 | DRILL & GROUT REINFORCEMENT BAR (EPOXY COATED) | (5) | EA | 106 | 650 | 40 |
| 12 | 2521.618 | 4" CONCRETE WALK | | SF | | | 265 |
| 13 | 2521.618 | 5'-8" CONCRETE WALK | (4) | SF | | 2352 | |
| 14 | 2521.618 | 6" CONCRETE WALK | | SF | 944 | | 40 |
| 15 | 2531.603 | CONCRETE CURB & GUTTER DESIGN B618 | | LF | 300 | | 132 |
| 16 | 2531.603 | CONCRETE CURB DESIGN V | (5) | LF | 15 | | |
| 17 | 2531.618 | TRUNCATED DOMES | | SF | 90 | | 10 |
| 18 | 2563.601 | TRAFFIC CONTROL | | LS | .38 | .52 | .10 |
| 19 | 2571.602 | INSTALL TREE GRATE | | EA | | 6 | |
| 20 | 2573.502 | STORM DRAIN INLET PROTECTION | | EA | 3 | 2 | |
| 21 | 2575.604 | SEED AND BLANKET | (6) | SY | 200 | | 40 |

NOTES

- (1) - SAW CUTTING IS INCIDENTAL
- (2) - EXISTING CONCRETE CURB & GUTTER AND WALK ARE TIED WITH REINFORCEMENT BARS
- (3) - INSTALL METER BOX OVER CURB STOPS IN CONCRETE WALK (INCIDENTAL)
- (4) - TYPICAL CONCRETE WALK SHALL BE 5". CONCRETE WALK ALONG CURB & GUTTER SHALL HAVE A THICKENED EDGE OF 8"
- (5) - QUANTITY IS STRICTLY AN ESTIMATE AND MAY BE INCREASED OR DECREASED BY ANY AMOUNT WITHOUT CHANGE IN THE UNIT PRICE. TO BE USED AS DIRECTED BY ENGINEER.
- (6) - 6" COMMON TOPSOIL BORROW, EROSION PREVENTION BLANKET CATEGORY 10, SEED MIXTURE 25-151 (120 LB/AC), AND FERTILIZER TYPE 3 (300 LB/AC)

| INCIDENTAL CLASS 5 | |
|--------------------------------------|------------------|
| BID ITEM | CLASS 5 DEPTH |
| CONCRETE CURB AND GUTTER DESIGN B618 | 8" |
| 4" CONCRETE WALK | 4" |
| 5"-8" CONCRETE WALK | 4" |
| 6" CONCRETE WALK | 4" |
| CONCRETE CURB DESIGN V | 4" |

| STANDARD PLATES | |
|-----------------|----------------------------|
| PLATE NO. | DESCRIPTION |
| 7020K | CONCRETE CURB |
| 7038A | DETECTABLE WARNING SURFACE |
| 7100H | CONCRETE CURB AND GUTTER |
| 8000K | TEMPORARY CHANNELIZERS |

| MISCELLANEOUS REPAIRS | |
|--|---|
| LOCATION | DESCRIPTION |
| NE CORNER OF 4TH AVE SE & 8TH ST SE | REMOVE BITUMINOUS IN NE PED RAMP AREA AND REPLACE WITH 6" CONCRETE AND TRUNCATED DOMES |
| 1024 4TH AVE SW | REMOVE AND REPLACE B618 CURB & GUTTER (APROX. 12 FT)* |
| 215 EAST ELM | REMOVE AND REPLACE HEAVED SIDEWALK (APROX. 50 SF) |
| 707 EAST ELM | REMOVE AND REPLACE HEAVED SIDEWALK (APROX. 50 SF) |
| 717 EAST ELM | REMOVE AND REPLACE HEAVED SIDEWALK (APROX. 50 SF) |
| 801 EAST ELM | REMOVE AND REPLACE HEAVED SIDEWALK (APROX. 50 SF) |
| 400 4TH AVE NE | REMOVE AND REPLACE SIDEWALK (APPROX.25 SF) |
| 16TH AVE NW | REMOVE AND REPLACE CURB & GUTTER (APROX. 120 LF), SAW CUT APRON (INCIDENTAL), AND BOX OUT MANHOLE (INCIDENTAL)* |
| *BITUMINOUS STTREET PATCHING TO BE COMPLETED BY OTHERS | |

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Nathan Willey

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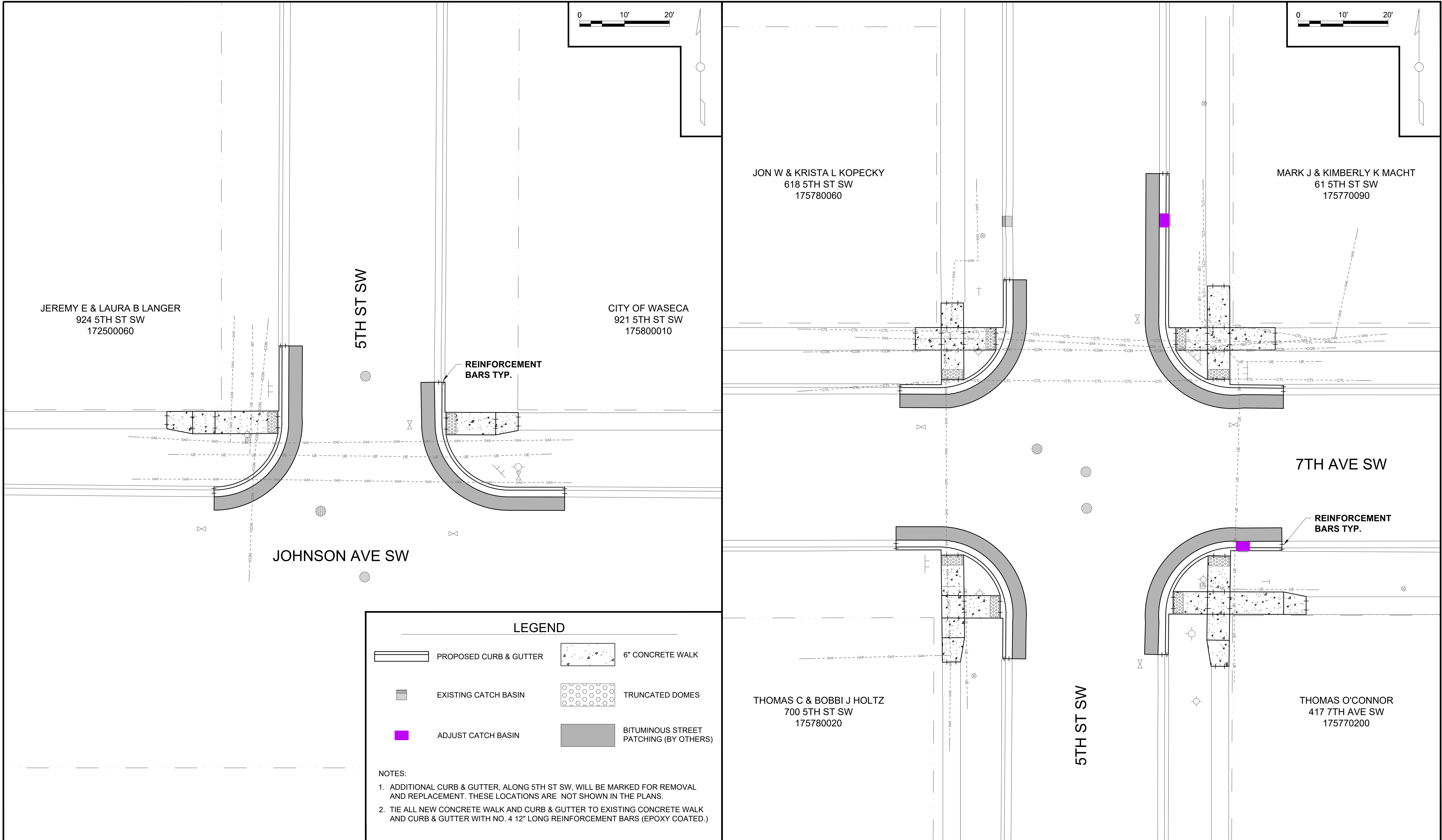
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ESTIMATED QUANTITIES


2024 SIDEWALK IMPROVEMENTS

2024-04

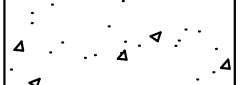
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| DRAWN CS |
| SHEET NO. 02 |







LEGEND



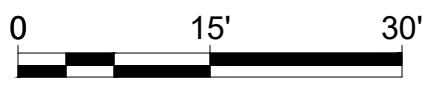
5'-8" CONCRETE WALK


(A) INSTALL SALVAGED SIGN (INCIDENTAL)

(B) INSTALL TREE GRATE

NOTES:

1. PLACE EXPANSION ALONG BUILDINGS, STREET LIGHT FOUNDATIONS, HYDRANTS, AND AS DIRECTED BY ENGINEER.
2. PLACE METER BOX AROUND CURB STOPS IN CONCRETE WALK. (INCIDENTAL TO ADJUST CURB BOX)
3. TIE ALL NEW CONCRETE WALK TO EXISTING CURB & GUTTER AND WALK WITH NO. 4 12" LONG REINFORCEMENT BARS (EPOXY COATED)
4. CONTRACTOR SHALL PHASE WORK TO LIMIT DISTURBANCES TO BUSINESSES, PEDESTRIAN ROUTES, AND STREET TRAFFIC. SEE PHASING SHEETS.
5. NO UTILITY SURVEY WAS COMPLETED FOR S STATE ST



| <p>I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER, UNDER THE LAWS OF THE STATE OF MINNESOTA.</p> <p><i>Nathan Willey</i></p> <p>NATHAN WILLEY</p> <p>DATE: 03/15/2024 LIC. NO. 58967</p> |  <p>CITY OF WASECA</p> <p>508 SOUTH STATE STREET</p> <p>WASECA MINNESOTA 56093</p> | <p>REVISIONS</p> <table><thead><tr><th>DATE</th><th>DESCRIPTION</th></tr></thead><tbody><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr></tbody></table> | DATE | DESCRIPTION | | | | | | | | | <p>PLAN</p> <p>2024 SIDEWALK IMPROVEMENTS</p> <p>2024-04</p> | <table><tr><td>SURVEY</td><td>CS</td></tr><tr><td>DESIGNED</td><td>NW</td></tr><tr><td>CHECKED</td><td>AS</td></tr><tr><td>DRAWN</td><td>CS</td></tr><tr><td colspan="2">SHEET NO.</td></tr><tr><td colspan="2">11</td></tr></table> | SURVEY | CS | DESIGNED | NW | CHECKED | AS | DRAWN | CS | SHEET NO. | | 11 | |
|---|---|--|-------------|-------------|--|--|--|--|--|--|--|--|--|--|--------|----|----------|----|---------|----|-------|----|-----------|--|----|--|
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NOTES:

1. CONTRACTOR SHALL PHASE WORK TO LIMIT DISTURBANCES TO BUSINESSES, PEDESTRIAN ROUTES, AND STREET TRAFFIC.
2. AFTER COMPLETING PHASE 1 THE CONTRACTOR SHALL WAIT 7 CALENDAR DAYS BEFORE STARTING PHASE 2 OR PHASE 3.
3. EXCEPT DURING THE 7 DAY WAITING PERIOD AFTER PHASE 1 THE CONTRACTOR SHALL COMPLETE ALL OF THE DOWNTOWN WORK BEFORE COMMENCING ANY OTHER WORK. THIS IS TO ENSURE THAT THE DOWNTOWN WORK IS COMPLETED IN A TIMELY MANNER WITH LIMITED OVERALL DISRUPTION. EXCEPTIONS MAY BE PERMITTED WITH ENGINEER APPROVAL.



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DATE: 03/15/2024 LIC. NO. 58967



REVISIONS

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PHASE 1

2024 SIDEWALK IMPROVEMENTS

2024-04

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|-----------|----|
| SURVEY | CS |
| DESIGNED | NW |
| CHECKED | AS |
| DRAWN | CS |
| SHEET NO. | 13 |



- NOTES:
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PHASE 2

2024 SIDEWALK IMPROVEMENTS

2024-04

| | |
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| SURVEY | CS |
| DESIGNED | NW |
| CHECKED | AS |
| DRAWN | CS |
| SHEET NO. | 14 |



NOTES:

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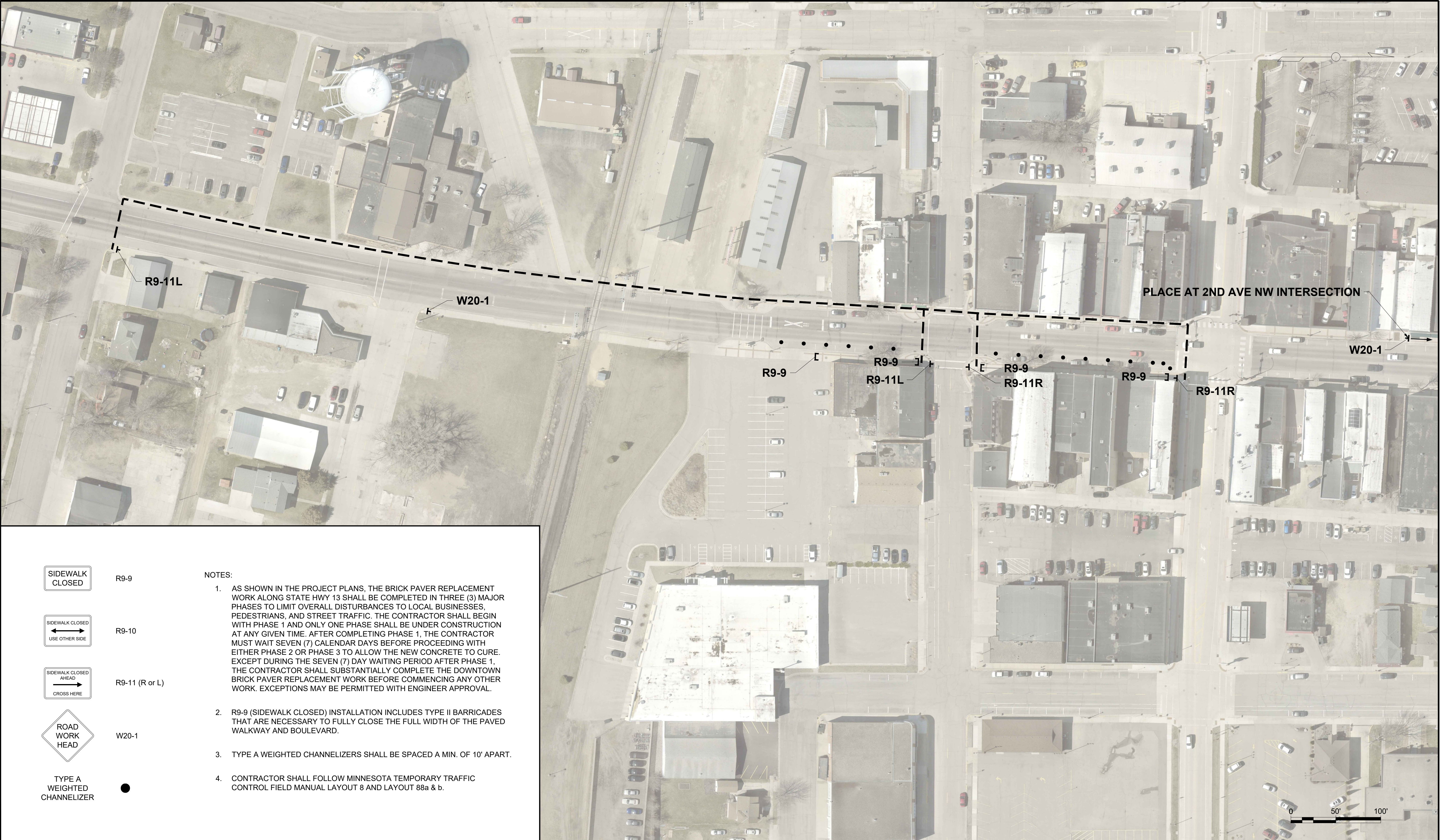
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PHASE 3
2024 SIDEWALK IMPROVEMENTS
2024-04

| | |
|-----------|----|
| SURVEY | CS |
| DESIGNED | NW |
| CHECKED | AS |
| DRAWN | CS |
| SHEET NO. | |
| 15 | |



SIDEWALK CLOSED

R9-9

SIDEWALK CLOSED
←→
USE OTHER SIDE

R9-10

SIDEWALK CLOSED
AHEAD
→
CROSS HERE

R9-11 (R or L)

ROAD
WORK
HEAD

W20-1

TYPE A
WEIGHTED
CHANNELIZER

●

NOTES:

- AS SHOWN IN THE PROJECT PLANS, THE BRICK PAVER REPLACEMENT WORK ALONG STATE HWY 13 SHALL BE COMPLETED IN THREE (3) MAJOR PHASES TO LIMIT OVERALL DISTURBANCES TO LOCAL BUSINESSES, PEDESTRIANS, AND STREET TRAFFIC. THE CONTRACTOR SHALL BEGIN WITH PHASE 1 AND ONLY ONE PHASE SHALL BE UNDER CONSTRUCTION AT ANY GIVEN TIME. AFTER COMPLETING PHASE 1, THE CONTRACTOR MUST WAIT SEVEN (7) CALENDAR DAYS BEFORE PROCEEDING WITH EITHER PHASE 2 OR PHASE 3 TO ALLOW THE NEW CONCRETE TO CURE. EXCEPT DURING THE SEVEN (7) DAY WAITING PERIOD AFTER PHASE 1, THE CONTRACTOR SHALL SUBSTANTIALLY COMPLETE THE DOWNTOWN BRICK PAVER REPLACEMENT WORK BEFORE COMMENCING ANY OTHER WORK. EXCEPTIONS MAY BE PERMITTED WITH ENGINEER APPROVAL.
- R9-9 (SIDEWALK CLOSED) INSTALLATION INCLUDES TYPE II BARRICADES THAT ARE NECESSARY TO FULLY CLOSE THE FULL WIDTH OF THE PAVED WALKWAY AND BOULEVARD.
- TYPE A WEIGHTED CHANNELIZERS SHALL BE SPACED A MIN. OF 10' APART.
- CONTRACTOR SHALL FOLLOW MINNESOTA TEMPORARY TRAFFIC CONTROL FIELD MANUAL LAYOUT 8 AND LAYOUT 88a & b.

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W

waseca

CITY OF WASECA

508 SOUTH STATE STREET
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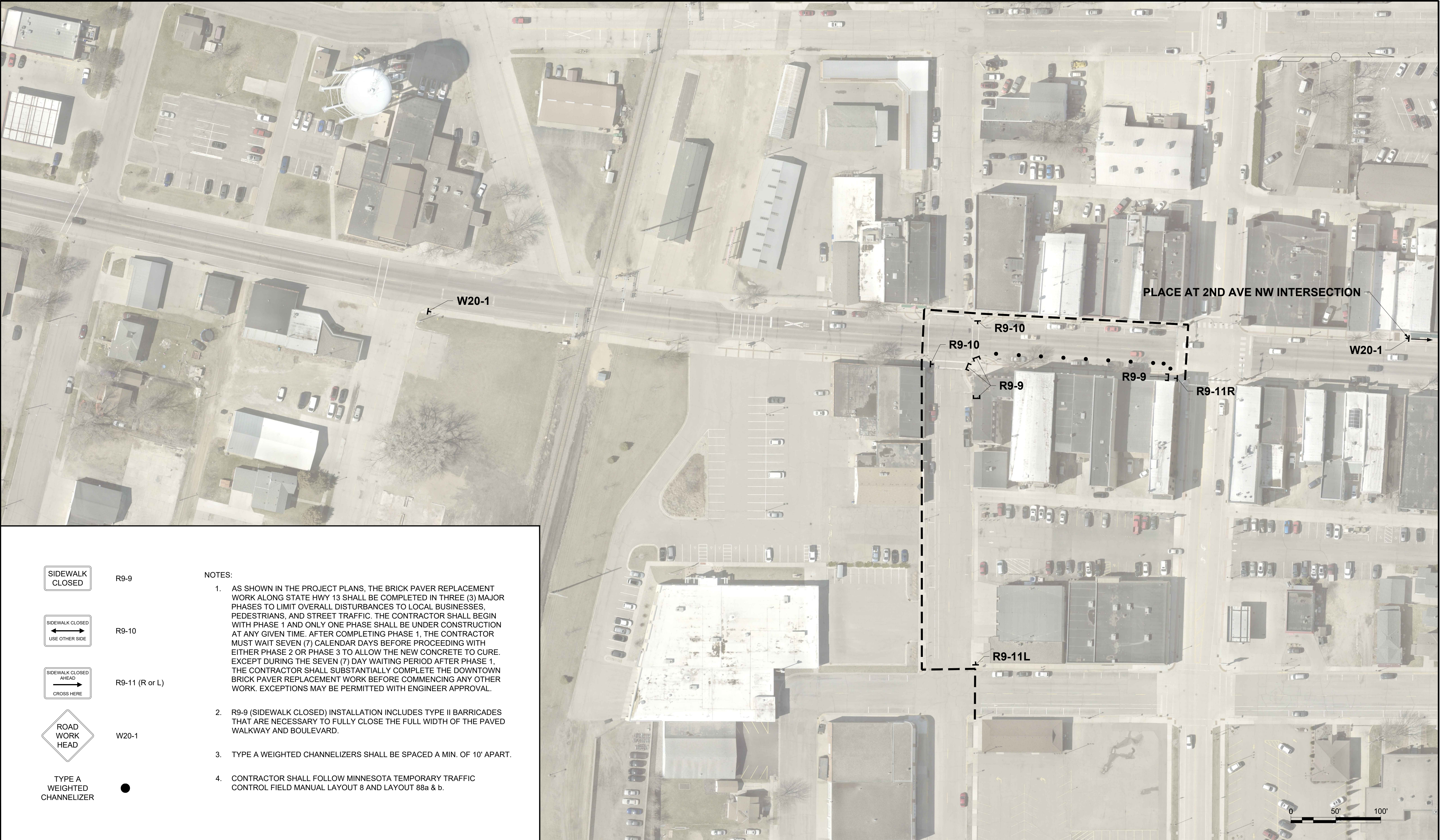
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PHASE 1 ALTERNATE PEDESTRIAN ROUTES & TRAFFIC CONTROL

2024 SIDEWALK IMPROVEMENTS

2024-04

| | |
|-----------|----|
| SURVEY | CS |
| DESIGNED | NW |
| CHECKED | AS |
| DRAWN | CS |
| SHEET NO. | |
| 16 | |



SIDEWALK CLOSED

SIDEWALK CLOSED
←→
USE OTHER SIDE

SIDEWALK CLOSED
AHEAD
→
CROSS HERE

ROAD
WORK
HEAD

TYPE A
WEIGHTED
CHANNELIZER

R9-9

R9-10

R9-11 (R or L)

W20-1

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waseca

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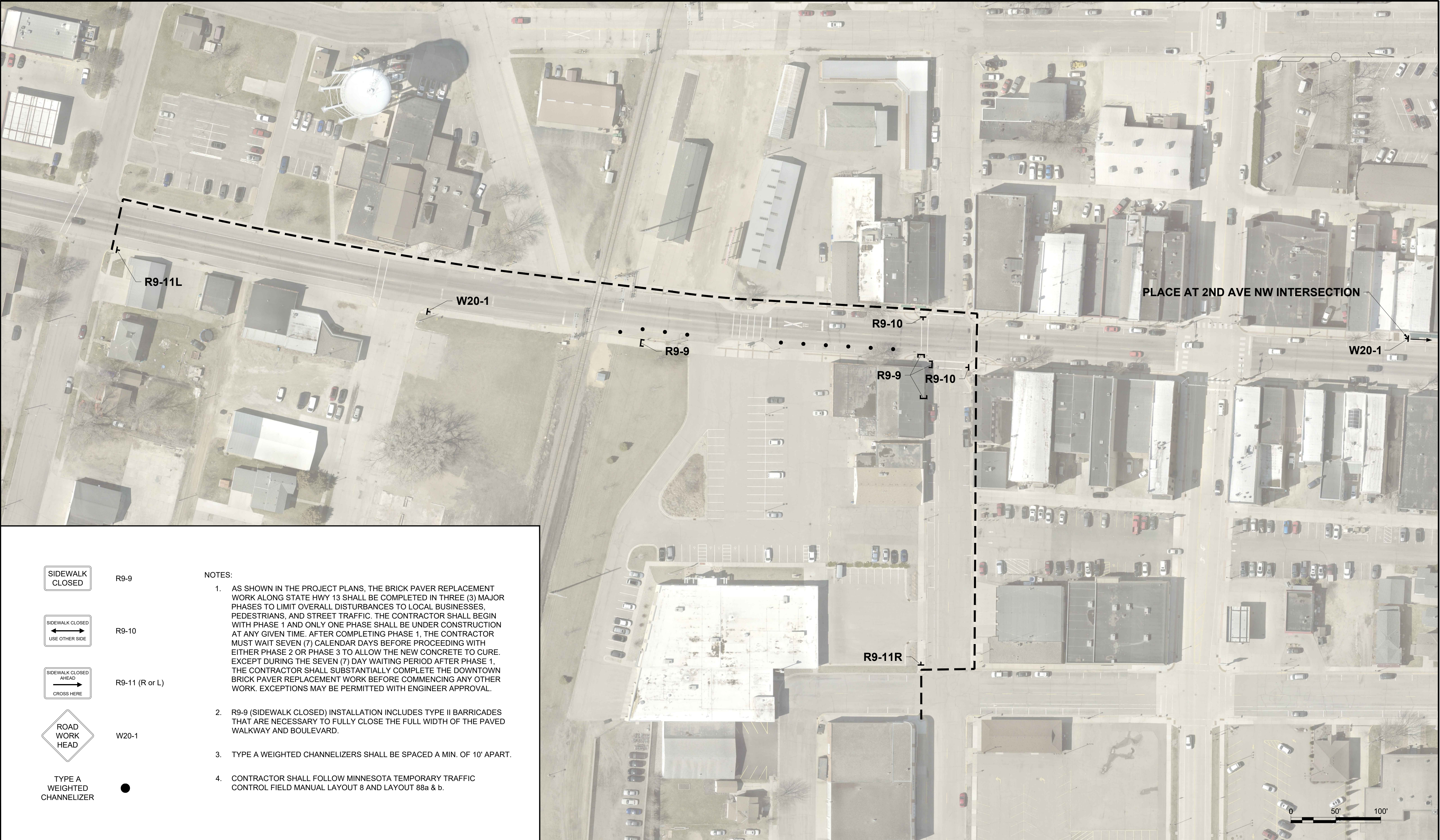
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PHASE 2 ALTERNATE PEDESTRIAN ROUTES & TRAFFIC CONTROL

2024 SIDEWALK IMPROVEMENTS

2024-04

| | |
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| SURVEY | CS |
| DESIGNED | NW |
| CHECKED | AS |
| DRAWN | CS |
| SHEET NO. | 17 |



SIDEWALK CLOSED

R9-9

SIDEWALK CLOSED
←→
USE OTHER SIDE

R9-10

SIDEWALK CLOSED
AHEAD
→
CROSS HERE

R9-11 (R or L)

ROAD
WORK
HEAD

W20-1

TYPE A
WEIGHTED
CHANNELIZER

●

NOTES:

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PHASE 3 ALTERNATE PEDESTRIAN ROUTES & TRAFFIC CONTROL

2024 SIDEWALK IMPROVEMENTS

2024-04

| | |
|-----------|----|
| SURVEY | CS |
| DESIGNED | NW |
| CHECKED | AS |
| DRAWN | CS |
| SHEET NO. | |
| 18 | |

