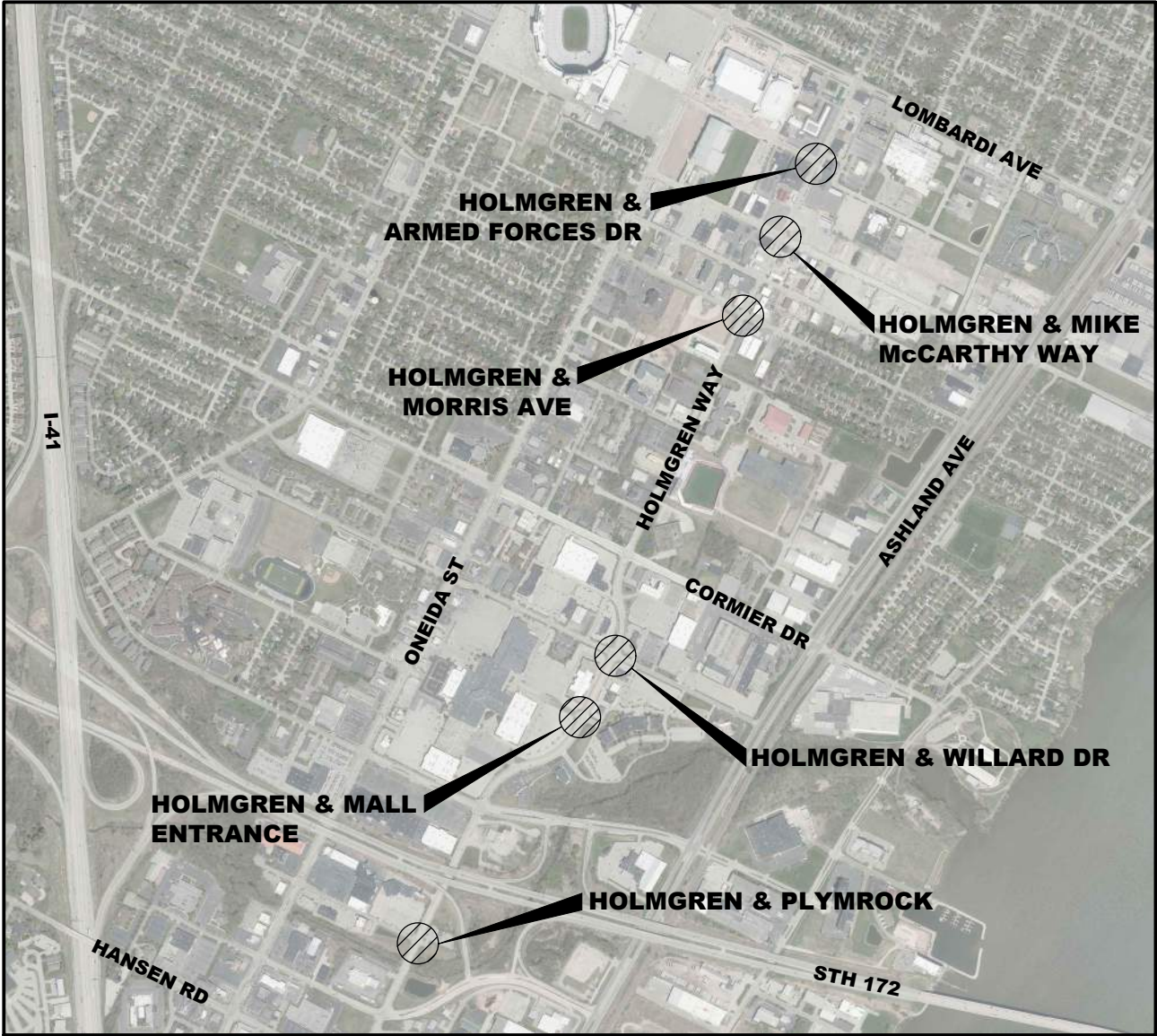


TRAFFIC SIGNAL CONTROLLER REPLACEMENTS

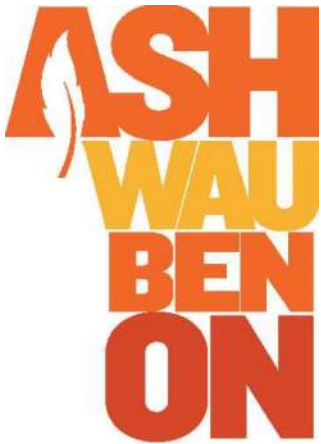
VILLAGE OF ASHWAUBENON

APRIL 2025

SHEET INDEX	
SHEET NUMBER	SHEET TITLE
G-1	TITLE SHEET
G-2	GENERAL NOTES
TTC-1 THRU TTC-6	TRAFFIC CONTROL DETAILS
D-10 THRU D-14	WISDOT DETAILS

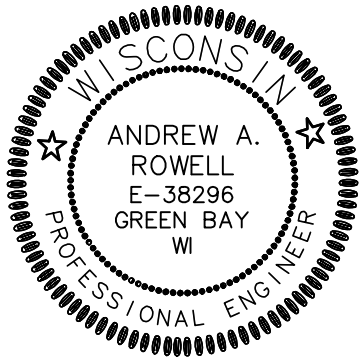


VILLAGE OF ASHWAUBENON



BROWN
COUNTY

COUNTY MAP
NTS



AA-Standard.sdb
4/11/2025
I:\25\Ashwaubenon Village of 06-0121.31 Ashwaubenon signal replacement 2025\CA\DD1-Title Sheet.dwg, Layout: G-1

DES BY	AAR	PROJ NO	56-0121.31						
DR BY	AAR	DATE	APRIL 2025	NO	DATE	REVISION	NO	DATE	REVISION
CHK BY	TAH								

2025 TRAFFIC SIGNAL CONTROLLER REPLACEMENT
VILLAGE OF ASHWAUBENON



TITLE PAGE

SHEET NO.

G-1

GENERAL PROJECT NOTES

1. THE CONTRACTOR SHALL NOTIFY THE OWNER OR A/E OF ANY DISTURBED PROPERTY IRONS AS A RESULT OF CONSTRUCTION.
2. CONTRACTOR SHALL NOT OPERATE CONSTRUCTION EQUIPMENT OUTSIDE OF CONSTRUCTION EASEMENTS OR VILLAGE RIGHT-OF-WAY WITHOUT WRITTEN APPROVAL FROM ENGINEER AND PROPERTY OWNER.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING ASPHALT OR CONCRETE ON STREETS OUTSIDE OF PROPOSED SAW CUTS. ANY DAMAGE DURING CONSTRUCTION UNDER THIS CONTRACT SHALL BE REPAIRED OR REPLACED AT CONTRACTOR'S EXPENSE.
4. ALL MATERIALS USED FOR CONSTRUCTION OF THE IMPROVEMENTS SHALL MEET THE MINIMUM MATERIAL AND INSTALLATION REQUIREMENT OF THE VILLAGE OF ASHWAUENON AND THE SPECIFICATION REQUIREMENTS OF THIS PROJECT.
5. WORK ITEMS SHOWN SHALL BE INCIDENTAL TO CONTRACT OTHERWISE INCLUDED IN THE BID FORM.
6. ASPHALT OR CONCRETE ROADWAY AND DRIVEWAYS AND CONCRETE CURB & GUTTER SHALL BE SAW CUT PRIOR TO RESTORATION. SAW CUTTING SHALL BE INCIDENTAL TO CONSTRUCTION.
7. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES TO AVOID POTENTIAL CONFLICTS.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING UTILITIES AND APPURTENANCES. TEMPORARY REMOVAL AND ANY DAMAGE DURING CONSTRUCTION SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

EROSION CONTROL NOTES

NO GROUND DISTURBANCE IS EXPECTED WITH THIS PROJECT. CONTRACTOR SHALL REPAIR ANY GRASS AREAS THAT ARE DISTURBED DUE TO OPERATIONS.

PROJECT CONTACTS				
NAME OF OWNER	ADDRESS	CONTACT PERSON	PHONE NUMBER	SERVICE
VILLAGE OF ASHWAUBENON	2155 HOLMGREN WAY ASHWAUBENON, WI 54304	BRIAN RICKERT	(920) 492-2308	DIRECTOR OF PUBLIC WORKS
VILLAGE OF ASHWAUBENON	2155 HOLMGREN WAY ASHWAUBENON, WI 54304	STEVE BIRR	(920) 492-2308	VILLAGE ENGINEER
VILLAGE OF ASHWAUBENON	2155 HOLMGREN WAY ASHWAUBENON, WI 54304	AL FARVOUR	(920) 492-2335	UTILITY OPERATIONS SUPERVISOR
VILLAGE OF ASHWAUBENON	2155 HOLMGREN WAY ASHWAUBENON, WI 54304	MATTHEW SMITH	(920) 593-4503	VILLAGE ENGINEERING TECHNICIAN
CITY OF GREEN BAY	100 N JEFFERSON ST, ROOM 300 GREEN BAY, WI 54301	JERRY BRULEY	(920) 370-5831	TRAFFIC SIGNALS
BROWN COUNTY HIGHWAY DEPARTMENT	2198 GLENDALE AVE GREEN BAY, WI 54303	ANDY SELL	(920) 609-4020	TRAFFIC SIGNALS
WISCONSIN PUBLIC SERVICE	PO BOX 19001 GREEN BAY, WI 54307-9001	JEFF HENKELMANN	(920) 617-2778 (920) 680-7618	SERVICE MANAGER
WISCONSIN PUBLIC SERVICE	PO BOX 19001 GREEN BAY, WI 54307-9001	STU SENEAL	(920) 617-5070	ELECTRIC / LIGHTING
AYRES ASSOCIATES	700 PILGRIM WAY, SUITE 180 GREEN BAY, WI 54304	ANDY ROWELL	(920) 498-1200 (920) 413-1284	PROJECT MANAGER



Dial **811** or (800)242-8511
www.DiggersHotline.com

NON-EMERGENCY NUMBERS

ASHWAUBENON PUBLIC SAFETY: (920) 492-2995

BROWN COUNTY HWY DEPT
AFTER HOURS

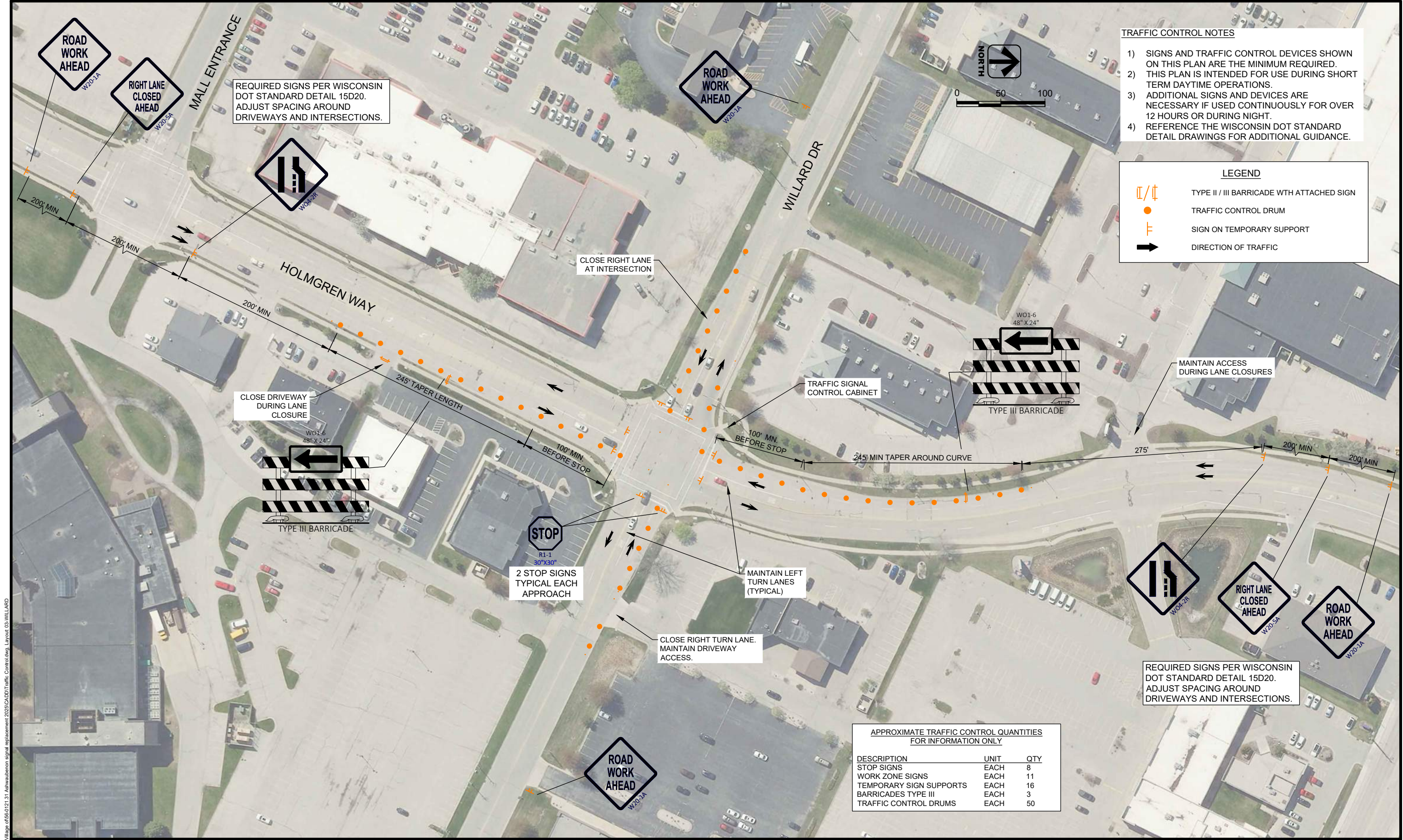
NON-EMERGENCY: (920) 492-4925
EMERGENCY: (920) 391-4699

WISCONSIN PUBLIC SERVICE
EMERGENCY NUMBERS

NATURAL GAS: (800) 450-7280
ELECTRIC: (800) 450-7240

[illegible]





- TRAFFIC CONTROL NOTES**
- 1) SIGNS AND TRAFFIC CONTROL DEVICES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIRED.
 - 2) THIS PLAN IS INTENDED FOR USE DURING SHORT TERM DAYTIME OPERATIONS.
 - 3) ADDITIONAL SIGNS AND DEVICES ARE NECESSARY IF USED CONTINUOUSLY FOR OVER 12 HOURS OR DURING NIGHT.
 - 4) REFERENCE THE WISCONSIN DOT STANDARD DETAIL DRAWINGS FOR ADDITIONAL GUIDANCE.

LEGEND

- TYPE II / III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC

APPROXIMATE TRAFFIC CONTROL QUANTITIES FOR INFORMATION ONLY		
DESCRIPTION	UNIT	QTY
STOP SIGNS	EACH	8
WORK ZONE SIGNS	EACH	11
TEMPORARY SIGN SUPPORTS	EACH	16
BARRICADES TYPE III	EACH	3
TRAFFIC CONTROL DRUMS	EACH	50

4/11/2025
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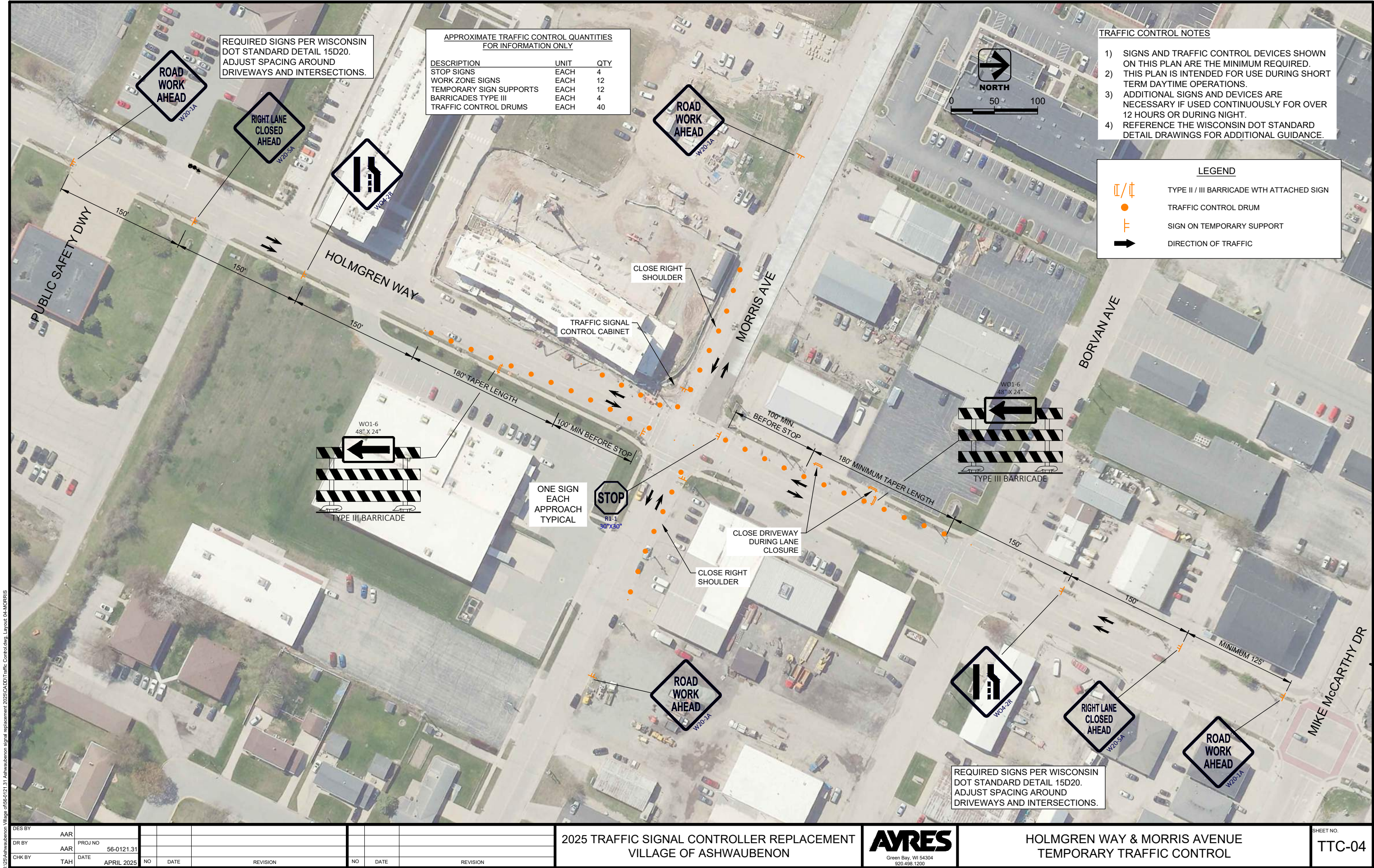
DES BY	AAR	PROJ NO	56-0121.31				
DR BY	AAR	DATE	APRIL 2025	NO	DATE	REVISION	
CHK BY	CRS			NO	DATE	REVISION	

2025 TRAFFIC SIGNAL CONTROLLER REPLACEMENT
VILLAGE OF ASHWAUBENON



HOLMGREN WAY & WILLARD DRIVE
TEMPORARY TRAFFIC CONTROL

SHEET NO.
TTC-03



REQUIRED SIGNS PER WISCONSIN DOT STANDARD DETAIL 15D20. ADJUST SPACING AROUND DRIVEWAYS AND INTERSECTIONS.

APPROXIMATE TRAFFIC CONTROL QUANTITIES FOR INFORMATION ONLY		
DESCRIPTION	UNIT	QTY
STOP SIGNS	EACH	4
WORK ZONE SIGNS	EACH	12
TEMPORARY SIGN SUPPORTS	EACH	12
BARRICADES TYPE III	EACH	4
TRAFFIC CONTROL DRUMS	EACH	40

- TRAFFIC CONTROL NOTES
- 1) SIGNS AND TRAFFIC CONTROL DEVICES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIRED.
 - 2) THIS PLAN IS INTENDED FOR USE DURING SHORT TERM DAYTIME OPERATIONS.
 - 3) ADDITIONAL SIGNS AND DEVICES ARE NECESSARY IF USED CONTINUOUSLY FOR OVER 12 HOURS OR DURING NIGHT.
 - 4) REFERENCE THE WISCONSIN DOT STANDARD DETAIL DRAWINGS FOR ADDITIONAL GUIDANCE.

LEGEND	
	TYPE II / III BARRICADE WITH ATTACHED SIGN
	TRAFFIC CONTROL DRUM
	SIGN ON TEMPORARY SUPPORT
	DIRECTION OF TRAFFIC

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4/11/2025
I:\25\Ashwaubenton Village of 056-0121.31 Ashwaubenton signal replacement 2025\CA\DOT\Traffic Control.dwg, Layout 04-MORRIS

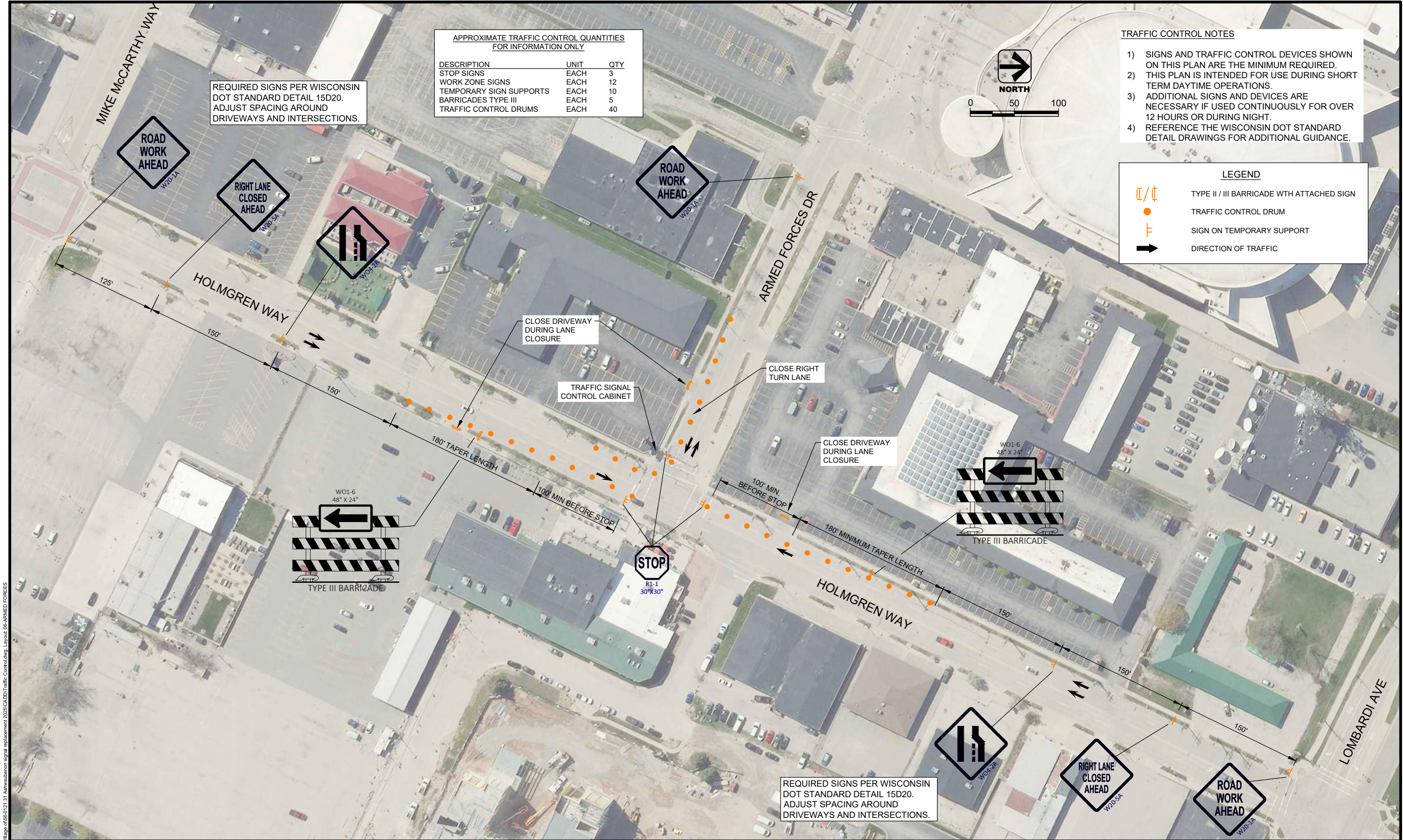
DES BY	AAR	PROJ NO	56-0121.31				
DR BY	AAR	DATE	APRIL 2025	NO	DATE	REVISION	NO
CHK BY	TAH						

2025 TRAFFIC SIGNAL CONTROLLER REPLACEMENT
VILLAGE OF ASHWAUBENON



HOLMGREN WAY & MORRIS AVENUE
TEMPORARY TRAFFIC CONTROL

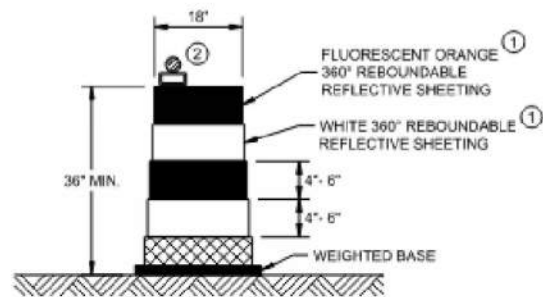
SHEET NO.
TTC-04



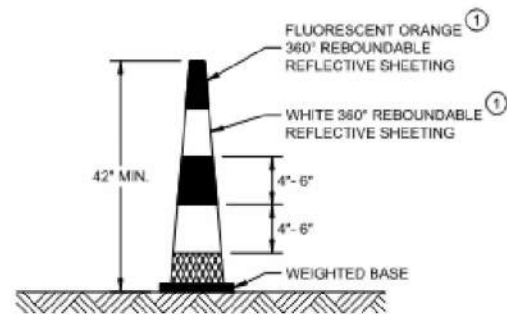
APPROXIMATE TRAFFIC CONTROL QUANTITIES FOR INFORMATION ONLY		
DESCRIPTION	UNIT	QTY
STOP SIGNS	EACH	3
WORK ZONE SIGNS	EACH	12
TEMPORARY SIGN SUPPORTS	EACH	10
BARRICADES TYPE III	EACH	5
TRAFFIC CONTROL DRUMS	EACH	40

- TRAFFIC CONTROL NOTES
- 1) SIGNS AND TRAFFIC CONTROL DEVICES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIRED.
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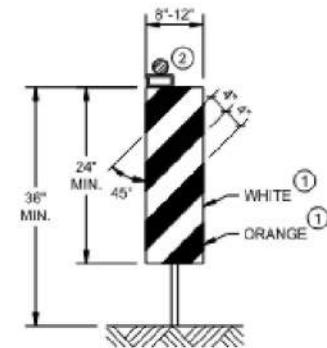
LEGEND	
	TYPE II / III BARRICADE WITH ATTACHED SIGN
	TRAFFIC CONTROL DRUM
	SIGN ON TEMPORARY SUPPORT
	DIRECTION OF TRAFFIC



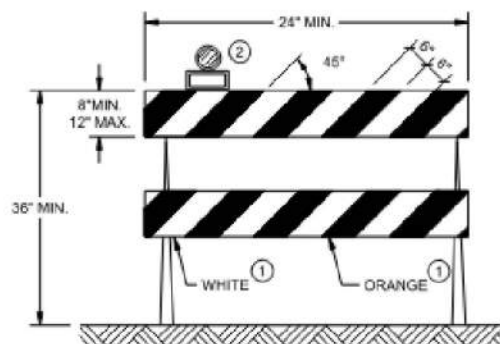
DRUM
BALLAST WIDTHS
RANGE FROM 24"-36"



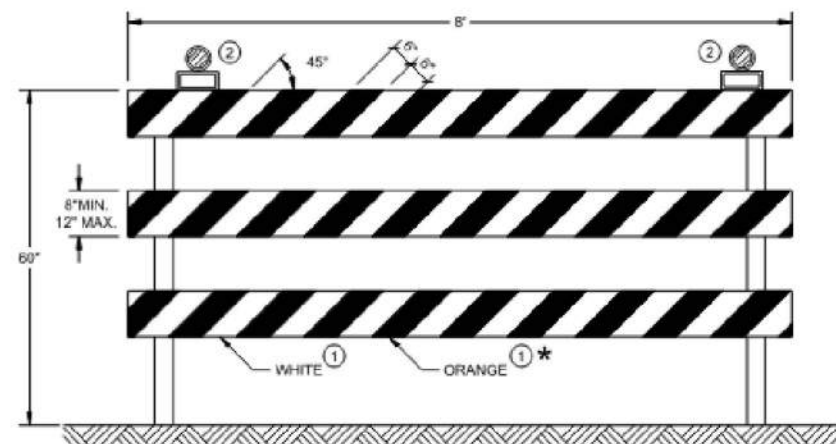
42" CONE
DO NOT USE IN TAPERS
½ SPACING OF DRUMS
BALLAST WIDTHS
RANGE FROM 14"-20"



VERTICAL PANEL
THE STRIPES SHALL SLOPE DOWNWARD TO
THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE II BARRICADE
FOR RAILS LESS THAN 36" LONG, 4" WIDE STRIPES
MAY BE USED. ALL STRIPES SHALL SLOPE DOWNWARD
TO THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE III BARRICADE
IF SIGN MOUNTED, DO NOT COVER MORE THAN 50% OF THE TOP
TWO RAILS OR 33% OF THE TOTAL AREA OF THE THREE RAILS.
★ IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

GENERAL NOTES

- REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
- LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.

CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED November 2022 DATE	/S/ Andrew Heidke WORK ZONE ENGINEER

6

SDD 15C11 - 10b

6

SDD 15C11 - 10b

DES BY	AMS	PROJ NO	56-0121.31						
DR BY	JWS	DATE	APRIL 2025	NO	DATE	REVISION	NO	DATE	REVISION
CHK BY	TAH								

2025 TRAFFIC SIGNAL CONTROLLER REPLACEMENT
VILLAGE OF ASHWAUBENON



WISCONSIN DOT STANDARD DETAIL DRAWINGS

SHEET NO.
D-10



SDD 15C12-a Traffic Control for Lane Closure With Flagging Operation

LEGEND

- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TEMPORARY PORTABLE RUMBLE STRIP ARRAY
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS, DEVICES, AND LOCATION OF ALL FLAGGERS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

FLAGGING

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT REMOVE TEMPORARY PORTABLE RUMBLE STRIPS PRIOR TO COVERING OR REMOVING ALL ADVANCE SIGNING.

- FOR MOVING WORK OPERATIONS, POST ADDITIONAL W20-7A FLAGGER SIGNS AT APPROXIMATELY 3,500' INTERVALS IN THE MOVING WORK OPERATION OR AS APPROVED BY THE ENGINEER.
 - SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.
- WHEN THE DISTANCE BETWEEN FLAGGERS EXCEEDS 2 MILES, A PILOT CAR IS REQUIRED. WHEN CURVES REDUCE SIGHT DISTANCE BELOW 400', A PILOT CAR IS REQUIRED.

TEMPORARY PORTABLE RUMBLE STRIPS

UTILIZE TEMPORARY PORTABLE RUMBLE STRIPS ON ALL FLAGGING OPERATIONS.

- EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS PLACED TRANSVERSE ACROSS THE LANE AT THE LOCATIONS SHOWN. WITHIN EACH ARRAY, SPACING BETWEEN RUMBLE STRIPS SHALL BE 15 FEET ON CENTER.

ONLY USE TEMPORARY PORTABLE RUMBLE STRIPS FROM THE APPROVED PRODUCTS LIST.

INSTALL TEMPORARY RUMBLE STRIPS PER MANUFACTURER'S RECOMMENDATIONS.

PLACE ADVANCE SIGNING PRIOR TO INSTALLING TEMPORARY RUMBLE STRIPS.

DO NOT INSTALL TEMPORARY PORTABLE RUMBLE STRIPS ON GRAVEL, MILLED SURFACES, OR ASPHALT THAT HAS BEEN PAVED LESS THAN 12 HOURS.

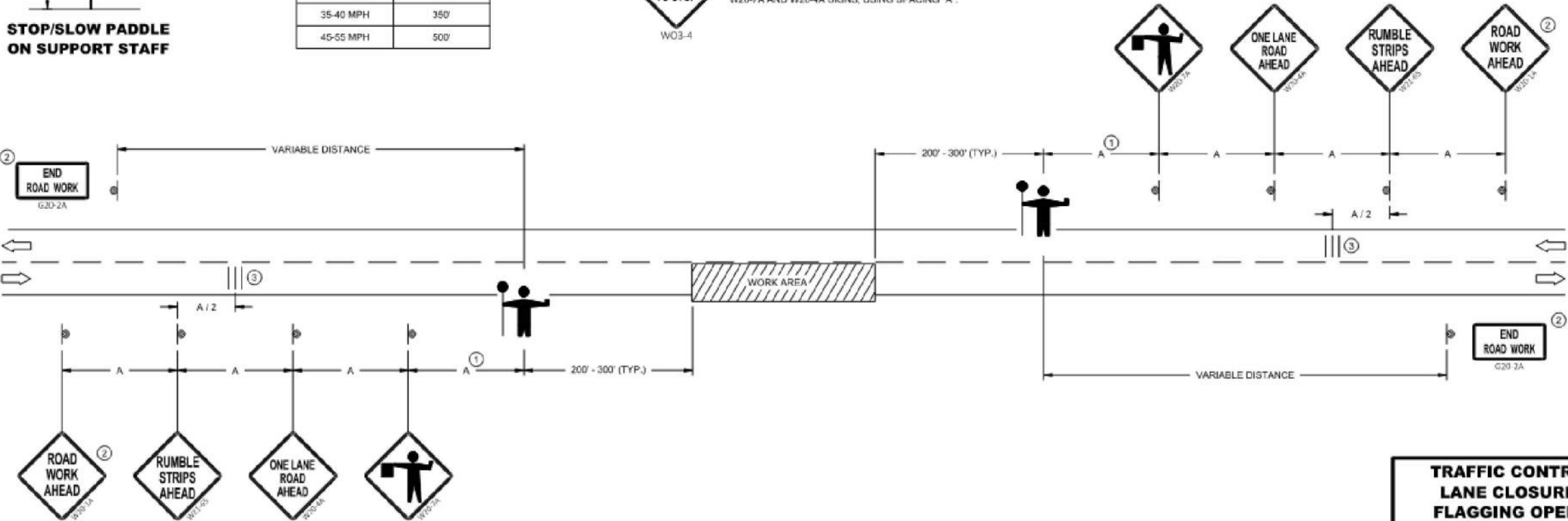


SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

SPEED LIMIT	SPACING "A"
25-30 MPH	200'
35-40 MPH	350'
45-55 MPH	500'



USE OF W03-4 SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7A AND W20-4A SIGNS, USING SPACING "A".



TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022
DATE
/S/ Andrew Heidke
WORK ZONE ENGINEER

SDD 15C12 - 09a

SDD 15C12 - 09a

DES BY	AAR	PROJ NO	56-0121.31				
DR BY	AAR	DATE	APRIL 2025	NO	DATE	REVISION	NO
CHK BY	TAH	DATE		NO	DATE	REVISION	NO

2025 TRAFFIC SIGNAL CONTROLLER REPLACEMENT
VILLAGE OF ASHWAUBENON



WISCONSIN DOT STANDARD DETAIL DRAWINGS

SHEET NO.
D-11

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKINGS
- DIRECTION OF TRAFFIC
- WORK AREA
- CONNECTED ARROW BOARD
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER

GENERAL NOTES

THIS DETAIL MAY BE USED FOR ROADWAYS WITH EITHER TWO OR THREE LANES IN EACH DIRECTION.

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36"X36" SIGNS MAY BE USED IF APPROVED BY REGIONAL TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON TEMPORARY SUPPORTS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

W20-1A, G20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE LANE CLOSURE IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE

IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE APPROACHING DRIVER HAS A CLEAR VIEW OF THE ARROW BOARDS AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

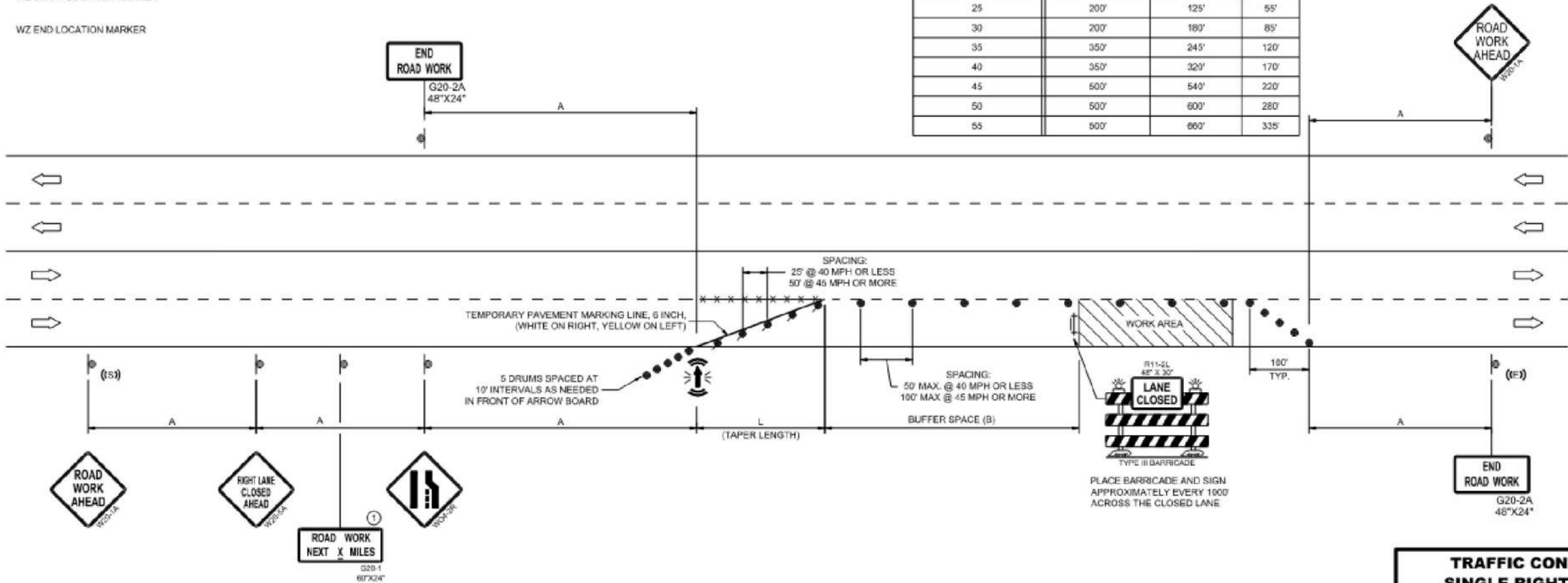
BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

① OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.

POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	TAPER LENGTH (12 FT. LANE) (L) FEET	BUFFER SPACE (B) FEET
25	200'	125'	55'
30	200'	180'	85'
35	350'	245'	120'
40	350'	320'	170'
45	500'	540'	220'
50	500'	600'	280'
55	500'	660'	335'



**TRAFFIC CONTROL,
SINGLE RIGHT LANE
CLOSURE, UNDIVIDED
NON-FREEWAY/EXPRESSWAY**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2024
DATE

15/1 Andrea Insolite
WORK ZONE ENGINEER

DES BY	AAR	PROJ NO	56-0121.31						
DR BY	AAR	DATE	APRIL 2025	NO	DATE	REVISION	NO	DATE	REVISION
CHK BY	TAH								

2025 TRAFFIC SIGNAL CONTROLLER REPLACEMENT
VILLAGE OF ASHWAUBENON



WISCONSIN DOT STANDARD DETAIL DRAWINGS

SHEET NO.
D-12



SDD 15D28 Traffic Control, Work on Shoulder or Parking Lane, Undivided Roadway

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- DIRECTION OF TRAFFIC
- WORK ZONE

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY THE REGIONAL TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

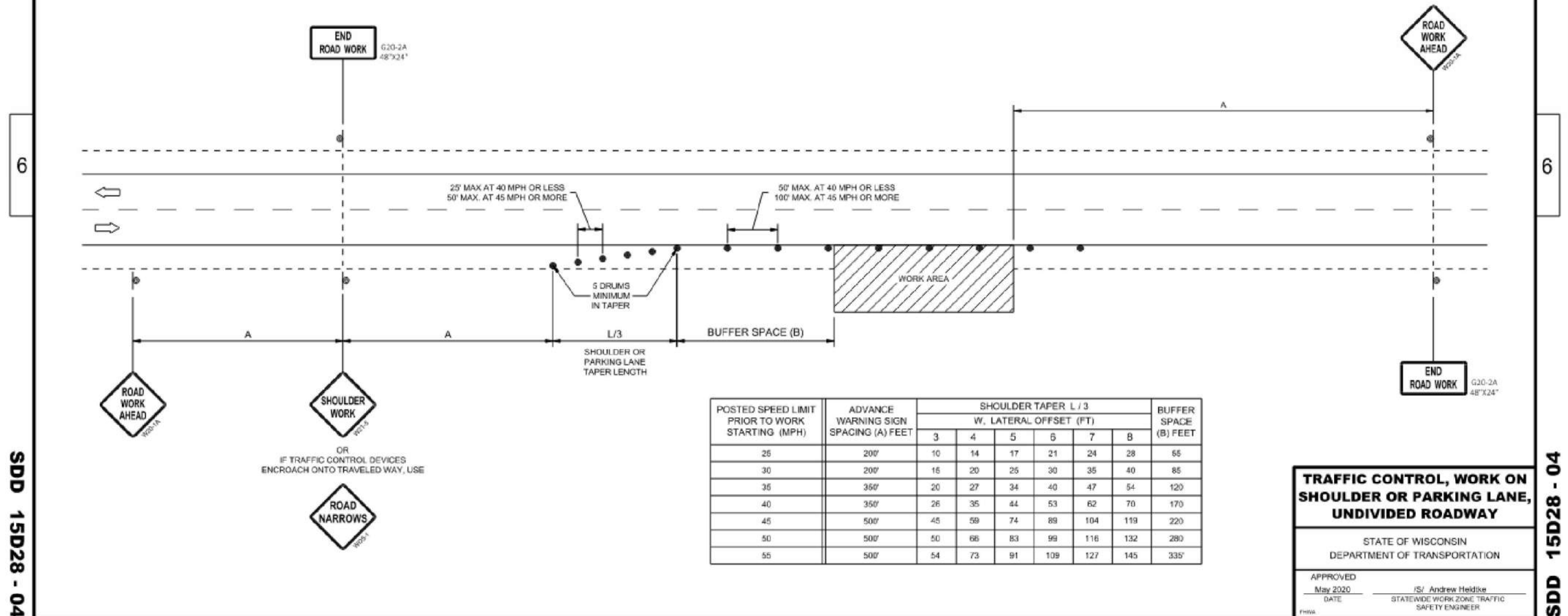
ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

W20-1A AND G20-2A SIGNS ARE NOT REQUIRED IF THE WORK AREA IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT. G20-2A SIGNS MAY ALSO BE OMITTED IF DURATION OF WORK IS LESS THAN 7 CONTINUOUS DAYS AND NIGHTS.



**TRAFFIC CONTROL, WORK ON
SHOULDER OR PARKING LANE,
UNDIVIDED ROADWAY**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2020
DATE

IS/ Andrew Heidike
STATEWIDE WORK ZONE TRAFFIC
SAFETY ENGINEER

wisdot-black.sbb
4/11/2025
I:\25\Ashwaubenton Village of\05-0121-31 Ashwaubenton signal replacement 2025\CA\DD\04-Wisdot Details.dwg, Layout: D-13

DES BY	AAR	PROJ NO	56-0121.31						
DR BY	AAR	DATE	APRIL 2025	NO	DATE	REVISION	NO	DATE	REVISION
CHK BY	TAH								

2025 TRAFFIC SIGNAL CONTROLLER REPLACEMENT
VILLAGE OF ASHWAUBENON



WISCONSIN DOT STANDARD DETAIL DRAWINGS

SHEET NO.
D-13

LEGEND

- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- WORK AREA

POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	SHIFTING TAPER 1/2 W, LATERAL OFFSET (FT)					
		3	4	5	6	7	8
25	200	10	14	17	21	24	28
30	200	15	20	25	30	35	40
35	350	20	27	34	40	47	54
40	350	26	35	44	53	62	70
45	500	45	59	74	89	104	119
50	500	50	66	83	99	116	132
55	500	54	73	91	109	127	145

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

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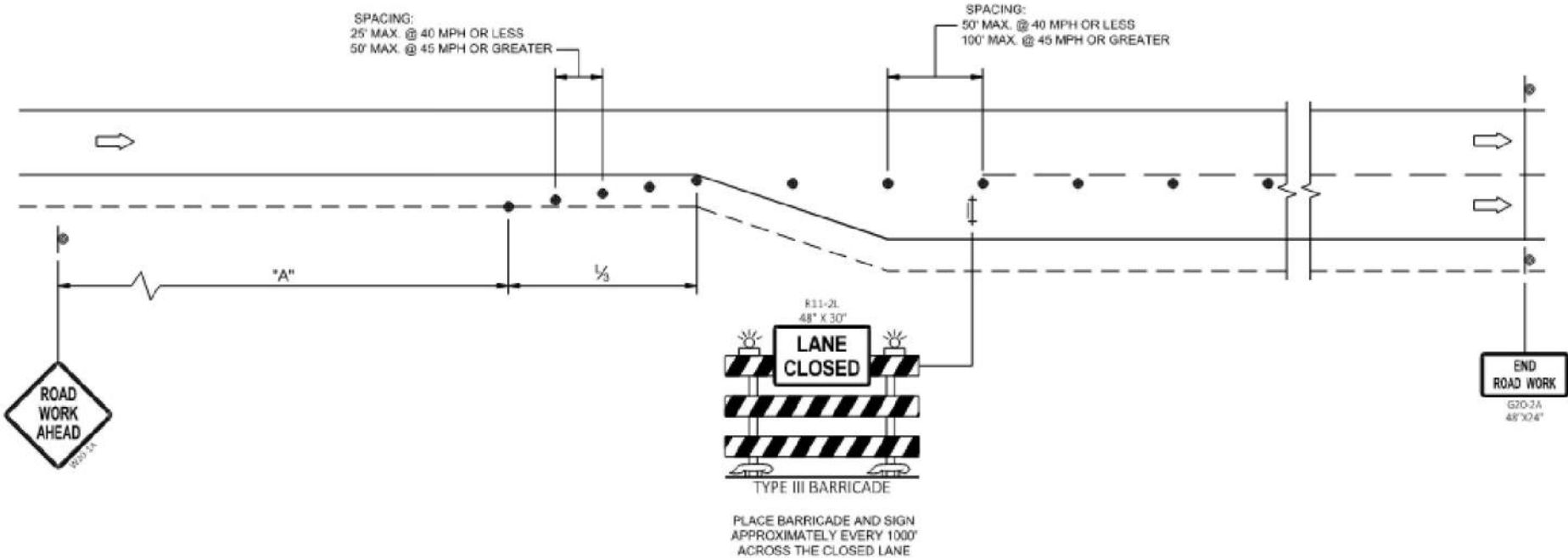
"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

W20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE WORK AREA IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT. G20-2A SIGNS MAY ALSO BE OMITTED IF DURATION WORK IS LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS.



TRAFFIC CONTROL
ADDED LANE CLOSURE
WITHOUT LANE SHIFT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEER

6

6

SDD 15D50-03a

SDD 15D50-03a

wisdot-black.sbb
4/11/2025
I:\25\Ashwaubenton Village of 05-0121.31 Ashwaubenton signal replacement 2025\CA\DD's-Wisdot Details.dwg Layout D-14

DES BY	AAR	PROJ NO	56-0121.31						
DR BY	AAR	DATE	APRIL 2025	NO	DATE	REVISION	NO	DATE	REVISION
CHK BY	TAH								

2025 TRAFFIC SIGNAL CONTROLLER REPLACEMENT
VILLAGE OF ASHWAUBENON



WISCONSIN DOT STANDARD DETAIL DRAWINGS

SHEET NO.
D-14