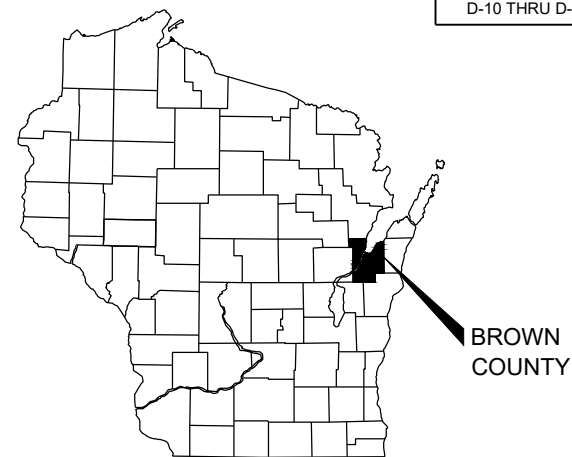
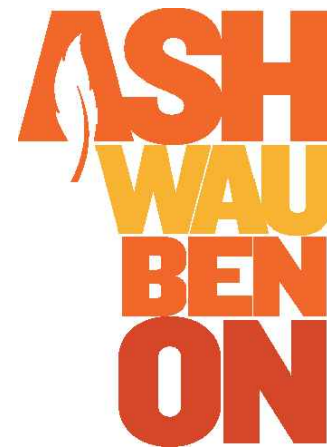


LOMBARDI ACCESS ROAD IMPROVEMENTS AND BROOKWOOD DRIVE SIDEWALK VILLAGE OF ASHWAUBENON FEBRUARY 2024



VILLAGE OF ASHWAUBENON



COUNTY MAP
NTS

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DES BY	AMS	PROJ NO	NO	DATE	REVISION	NO	DATE	REVISION
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CHK BY	TAH	DATE						
		FEBRUARY 2024						

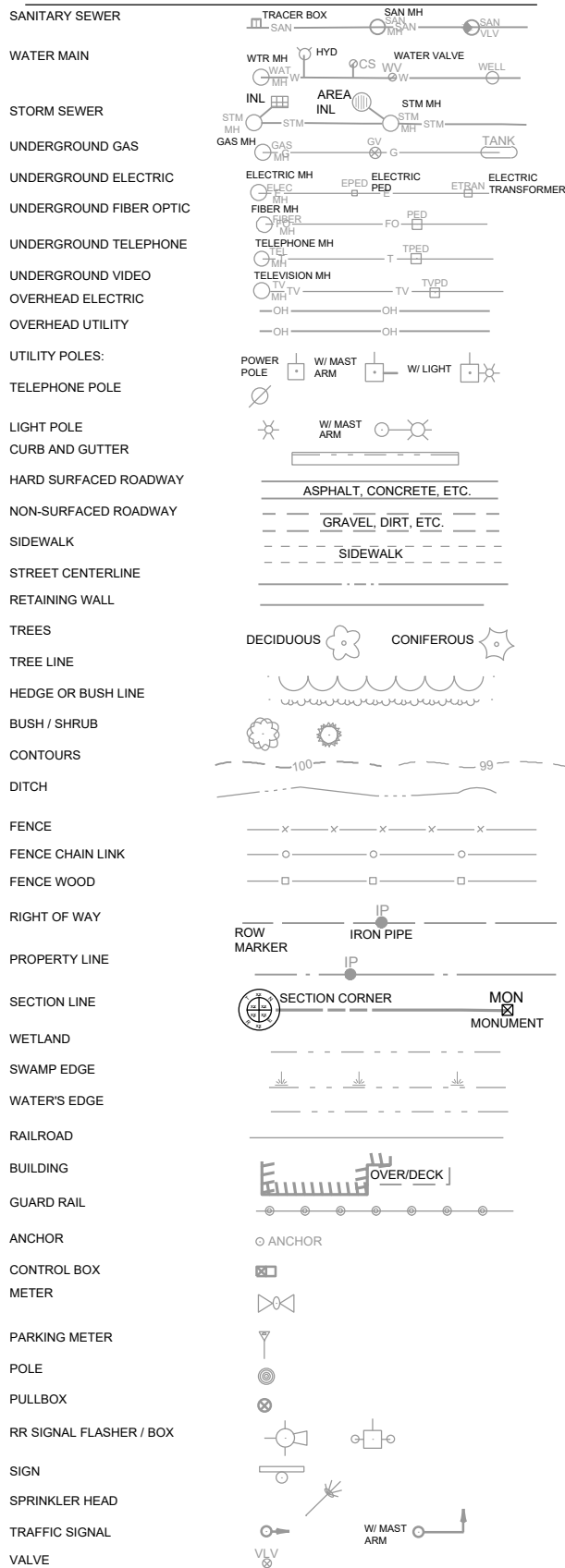
LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON



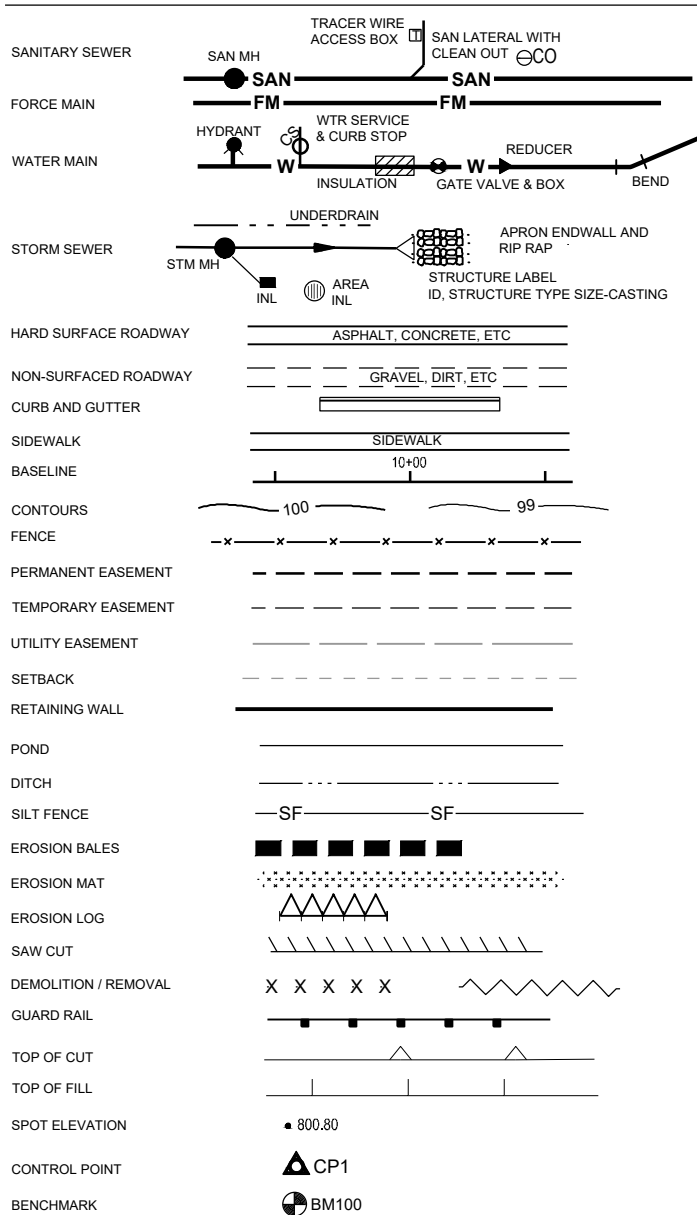
TITLE SHEET

SHEET NO.
G-1

EXISTING



NEW



ABBREVIATIONS:

AC	ASBESTOS CONCRETE	DEG °	DEGREE	HMA	HOT MIX ASPHALT	PC	POINT OF CURVE	TC	TOP BACK OF CURB
A/E	ARCHITECT/ENGINEER	DI	DUCTILE IRON	HSE	HOUSE	PE	PRIVATE ENTRANCE	TEL	TELEPHONE
AL	ALUMINUM	DIA	DIAMETER	HW	HOT WATER	PED	PEDESTAL	THK	THICKNESS
ALT/	ALTERNATE	DIM	DIMENSION	HWR	HOT WATER RETURN	PERF	PERFORATE	THRU	THROUGH
APPROX	APPROXIMATE	DR	DOOR	HYD	HYDRANT	PI	POINT OF INTERSECTION	T/O/P	TOP OF PIPE
ASPH	ASPHALT	DTL	DETAIL	ID	INSIDE DIAMETER	PL R	PROPERTY LINE	TYP	TYPICAL
AUTO	AUTOMATIC	DW	DRIVEWAY	IN (*)	INCHES	PP	POWER POLE	UNEXC	UNEXCAVATED
AVE	AVENUE	DWG	DRAWING	INF	INFLUENT	PSF	POUNDS PER SQUARE FOOT	USH	UNITED STATES HIGHWAY
@	AT	E	EAST	INL	INLET	PT	POINT OF TANGENCY		
		EA	EACH	INSUL	INSULATION	PVC	POLYVINYL CHLORIDE	V	VALVE
		EFF	EFFLUENT	INV	INVERT	PVMT	PAVEMENT	V&B	VALVE & BOX
		EL	ELEVATION	IP	IRON PIPE	%	PERCENT	VAR	VARIABLE
		ELB	ELBOW	JT	JOINT	QTY	QUANTITY	VC	VERTICAL CURVE
		ELEC	ELECTRICAL	LC	LENGTH OF CURVE	RAD	RADIUS	W	WEST
		EQ	EQUAL	LF	LINEAL FEET	RCP	REINFORCED CONCRETE PIPE	W/O	WITHOUT
		ER	END RADIUS BACK OF CURB	LP	LIGHT POLE	RD	ROAD	WM	WATER MAIN
		EW	EACH WAY	LS	LUMP SUM	RDWY	ROADWAY	WS	WATER SURFACE
		EX	EXISTING	LT	LEFT	RED	REDUCER	WTP	WATER TREATMENT PLANT
		EXP	EXPANSION	MAS	MASONRY	REF	REFERENCE	WTR	WATER
		C&G	CURB AND GUTTER	MAX	MAXIMUM	REQD	REQUIRED	WWF	WELDED WIRE FABRIC
		CB	CATCH BASIN	MFG	MANUFACTURER	REV	REVISED	WWM	WOVEN WIRE MESH
		CF	CUBIC FOOT	MH	MANHOLE	RT	RIGHT	WWTP	WASTEWATER TREATMENT PLANT
		CI	CAST IRON	MIN	MINIMUM	RW	RIGHT OF WAY		
		CIP	CAST-IN-PLACE	MISC	MISCELLANEOUS	S	SOUTH		
		C/L	CENTERLINE	MJ	MECHANICAL JOINT	SAN	SANITARY		
		CHL	CHLORINE	MP	MID POINT	SAMH	SANITARY MANHOLE		
		CMP	CORRUGATED METAL PIPE	MR	MID RADIUS BACK OF CURB	SCH	SCHEDULE		
		CMU	CONCRETE MASONRY UNIT	N	NORTH	SF	SQUARE FOOT		
		CO	CLEANOUT	NO #	NUMBER	SHT	SHEET		
		CONC	CONCRETE	NOM	NOMINAL	SL	SLOPE		
		COS	CENTER OF STRUCTURE	NPW	NON-POTABLE WATER	SPEC	SPECIFICATION		
		CP	CONTROL POINT	NTS	NOT TO SCALE	SQ	SQUARE		
		CPLG	CORRUGATED POLYPROPYLENE PIPE	OC	ON CENTER	SS	STAINLESS STEEL		
		CPP	CORRUGATED POLYPROPYLENE PIPE	OD	OUTSIDE DIAMETER	SSMH	STORM SEWER MANHOLE		
		CSP	CORRUGATED STEEL PIPE	OH	OVERHEAD	ST	STREET		
		CTH	COUNTY TRUNK HIGHWAY			STD	STANDARD		
		CULV	CULVERT			STH	STATE TRUNK HIGHWAY		
		CV	CHECK VALVE			STL	STEEL		
		CW	COLD WATER			STM	STORM		
		CY	CUBIC YARD			SW	SIDEWALK		
						SY	SQUARE YARD		

DIGGERS HOTLINE
 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

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 I:\25\Ashwaubenton Village of\56-0121.28 Ashwaubenton Lombardi Access Rd & Brookwood Dr Sidewalk\CAD\SheetPlan\2-Gen Sym & Abbv.dwg Layout_G-2

DES BY	AMS						
DR BY	JWS	PROJ NO	56-0121.28				
CHK BY	TAH	DATE	FEBRUARY 2024	1	2/7/2024	ADDENDUM NO 1	
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LOMBARDI ACCESS ROAD IMPROVEMENTS
 AND BROOKWOOD DRIVE SIDEWALK
 VILLAGE OF ASHWAUBENON



Green Bay, WI 54115
 920.498.1200

GENERAL SYMBOLS AND ABBREVIATIONS

SHEET NO.

G-2

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 ASHWAUBENON AND THE SPECIFICATION REQUIREMENTS OF THIS PROJECT.
5. WORK ITEMS SHOWN SHALL BE INCIDENTAL TO CONTRACT OTHERWISE INCLUDED IN THE BID FORM.
6. THE EXACT LOCATION AND WIDTH OF DRIVEWAY APRONS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.
7. ASPHALT OR CONCRETE ROADWAY AND DRIVEWAYS AND CONCRETE CURB & GUTTER SHALL BE SAW CUT PRIOR TO RESTORATION. SAW CUTTING SHALL BE INCIDENTAL TO CONSTRUCTION.
8. FINAL SAW CUTTING LIMITS ON STREETS AND DRIVEWAYS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.
9. WATER MAIN SHALL BE SAW CUT AT RIGHT ANGLES TO PROVIDE A CLEAN JOINT.
10. ALL UTILITY TRENCHES WILL BE BACKFILLED AND MECHANICALLY COMPACTED AS SPECIFIED.
11. LOCATION OF EXISTING UTILITIES MAY VARY FROM THAT SHOWN ON THE PLANS. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES TO AVOID POTENTIAL CONFLICTS.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING UTILITIES AND APPURTENANCES NOT SHOWN TO BE REPLACED. TEMPORARY REMOVAL AND ANY DAMAGE DURING CONSTRUCTION SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
13. ANY WATER SERVICES ENCOUNTERED OR PLACED WITHIN 12" OF STORM SEWER SHALL BE INSULATED BETWEEN THE SERVICE AND THE STORM SEWER.
14. ANY STORM SEWER MAINS OR LEADS, SANITARY MAINS OR LATERALS, AND WATER MAIN OR WATER SERVICES THAT ARE ENCOUNTERED DURING CONSTRUCTION AND NOT BEING REPLACED, SHALL BE SUPPORTED AND PROTECTED SO THEY DO NOT GET DAMAGED. ANY OF THESE ITEMS THAT ARE DAMAGED, WILL BE REPLACED BY THE CONTRACTOR AT THE CONTRACTORS EXPENSE.
15. WHEN CONNECTING TO AN EXISTING MANHOLE, THE CONTRACTOR SHALL RECONSTRUCT BENCH AND FLOW LINE TO ACCOMMODATE NEW PIPE.
16. ALL HYDRANTS AND LEADS, INCLUDING VALVES, SHALL BE RESTRAINED TO THE HYDRANT TEE BY USE OF RESTRAINED JOINT RETAINER GLANDS OR TIE RODS.
17. ALL SIGNS, POSTS, CASTINGS AND OTHER APPURTENANCES SHALL BE SALVAGED TO THE OWNER.

EROSION CONTROL NOTES

1. CONTRACTOR SHALL PROVIDE RUNOFF BARRIERS PRIOR TO RAIN EVENTS TO PREVENT ROADWAY WASH OUT. INLET PROTECTION SHALL BE PLACED AT ALL INLETS THAT WILL RECEIVE RUNOFF FROM DISTURBED AREAS.
2. INSTALL INLET PROTECTION AND OTHER EROSION CONTROL PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITY.
3. EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION UNTIL THE SITE IS STABILIZED BY VEGETATION OR OTHER APPROVED MEASURES.
4. EROSION CONTROL DEVICES DESTROYED OR DAMAGED SHALL BE REPAIRED BY THE END OF THE WORK DAY.
5. INSPECT ALL EROSION CONTROL MEASURES AT LEAST ONCE A WEEK AND AFTER ANY RAINFALL OF 0.5-INCHES OR MORE AND MAKE NEEDED REPAIRS. RECORD INSPECTIONS AS SPECIFIED.
6. OFF-SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF A STORM EVENT SHALL BE CLEANED UP BY THE END OF THE NEXT WORK DAY. ALL OFF-SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF CONSTRUCTION ACTIVITIES, INCLUDING SOIL TRACKED BY CONSTRUCTION TRAFFIC, SHALL AT A MINIMUM, BE CLEANED BY THE END OF EACH WORK DAY. EXCESSIVE AMOUNTS OF SEDIMENT OR DEBRIS TRACKED ONTO ADJACENT STREETS SHALL BE CLEANED IMMEDIATELY. FINE SEDIMENT ACCUMULATIONS SHALL BE CLEANED FROM ADJACENT STREETS BY THE USE OF MECHANICAL OR MANUAL SWEEPING OPERATIONS ONCE A WEEK AT A MINIMUM AND BEFORE IMMINENT RAIN EVENTS.
7. ALL SEDIMENT LADEN WATER PUMPED FROM THE SITE SHALL BE TREATED BY A TEMPORARY SEDIMENT BASIN OR BE FILTERED BY OTHER APPROVED MEANS. WATER SHALL NOT BE DISCHARGED IN A MANNER THAT CAUSES EROSION OF THE SITE OR RECEIVING CHANNELS. SEE GENERAL NOTES.
8. TEMPORARY SEDIMENT BARRIERS SHALL BE USED ON ALL DE-WATERING DISCHARGES THROUGHOUT THE PROJECT. THE SEDIMENT BARRIERS MUST BE APPROVED BY THE ENGINEER PRIOR TO ANY DE-WATERING ACTIVITIES. ALL FLOWS SHALL BE CONTROLLED VIA CONTRACTOR INSTALLED CONVEYANCE SYSTEM. THE CONTRACTOR SHALL PROVIDE A DE-WATERING PLAN THAT SATISFIES ALL REQUIREMENTS OF THE PROJECT PLANS AND SPECIFICATIONS
9. ALL ACTIVITIES SHALL BE CONDUCTED IN A LOGICAL SEQUENCE AS TO MINIMIZE THE AMOUNT OF BARE SOIL EXPOSED AT ANY ONE TIME. MAINTAIN EXISTING VEGETATION AS LONG AS POSSIBLE.
10. DISTURBED GROUND OUTSIDE OF THE EVERYDAY CONSTRUCTION AREA, INCLUDING SOIL STOCKPILES LEFT INACTIVE FOR MORE THAN 10 DAYS, SHALL AT A MINIMUM BE TEMPORARILY STABILIZED BY SEEDING/MULCHING OR OTHER METHODS APPROVED BY THE ENGINEER. SILT FENCE SHALL BE PLACED AROUND ALL SOIL STOCK PILES.
11. DRAWINGS SHOW GENERAL LOCATIONS OF EROSION CONTROL DEVICES AND SIGNS. ACTUAL LOCATIONS MAY VARY AS DETERMINED BY ENGINEER IN THE FIELD.
12. CONTRACTOR TO TAKE SPECIAL CARE AS TO NOT DISTURB ADDITIONAL WETLAND AREAS BEYOND THE GRADING LIMITS.
13. WETLAND AREAS OUTSIDE THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED BY SILT FENCE.

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
BROWN COUNTY HIGHWAY DEPARTMENT	2198 GLENDALE AVE GREEN BAY, WI 54303	ANDY SELL	(920) 609-4020	TRAFFIC SIGNALS
BROWN COUNTY HIGHWAY DEPARTMENT	2198 GLENDALE AVE GREEN BAY, WI 54303	VACANT	920-492-4925	HIGHWAY COMMISSIONER
WISCONSIN PUBLIC SERVICE	PO BOX 19001 GREEN BAY, WI 54307-9001	STU SENEAL	(920) 617-5070	ELECTRIC / LIGHTING
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	CUSTOMER SERVICE	(800) 450-7260	
ATT WISCONSIN	211 W WASHINGTON ST APPLETON, WI 54911	KYLE WEBER	(920) 221-5969 kw715w@att.com	MANAGER OSP PLANNING AND ENGINEERING DESIGN
ATT WISCONSIN	205 S JEFFERSON ST GREEN BAY, WI 54301	JAY GREENBERG	(920) 321-8523	PHONE (FIELD CONTACT)
SPECTRUM CHARTER COMMUNICATIONS	3520 DESTINATION DR APPLETON, WI 54915	SCOTT DECLARK	(920) 378-0440	CABLE
TDS		BRANDON SUCHLA	Brandon.Suchla@tdstelecom.com	FIBER
LUMEN		RYAN BIRDSALL	(608) 658-2899	FIBER
WisDOT	944 VAN DER PERREN WAY GREEN BAY, WI 54304	DAVE NIELSON	(920) 366-8961	ACCESS MANAGEMENT
AYRES ASSOCIATES	3376 PACKERLAND DR ASHWAUBENON, WI 54115	CRAIG SCHUH	(920) 498-1200 (920) 366-0970	PROJECT MANAGER
AYRES ASSOCIATES	3376 PACKERLAND DR ASHWAUBENON, WI 54115	TRACE HUBBARD	(920) 498-1200 (920) 309-2336	PROJECT ENGINEER

HORIZONTAL CONTROL

CONTROL POINT	NORTHING	EASTING	DESCRIPTION
900	564329.756	83319.361	SET 5/8" IR W/ "CONTROL POINT" CAP (RED), 25.1' W OF ARGONNE ST €, 38' S OF CABELA'S S DRIVEWAY ENTRANCE €, IN TERRACE
901	564005.524	84118.501	SET 5/8" IR W/ "CONTROL POINT" CAP (RED), 25.5' E OF CHUCK E CHEESE DRIVEWAY ENTRANCE €, ON BROOKWOOD DR, 3.9' N OF BROOKWOOD DR €
902	563768.063	84698.844	SET 5/8" IR W/ "CONTROL POINT" CAP (RED) IN ISLAND AT BROOKWOOD & MARLEE, 35.2' S OF MARLEE € AND 66.6' N OF BROOKWOOD €
903	564135.834	84898.861	SET 5/8" IR W/ "CONTROL POINT" CAP (RED), 30.5' N OF LOMBARDI ACCESS RD & 55.9' W OF MARLEE LN € S BOUND LANES
904	564503.149	84357.405	SET 5/8" IR W/ "CONTROL POINT" CAP (RED), 22.3' E OF CHUCK E CHEESE DRIVEWAY €, ON LOMBARDI ACCESS RD AND 24.8' N OF LOMBARDI ACCESS RD €
905	564778.094	83712.612	SET 5/8" IR W/ "CONTROL POINT" CAP (RED), 25.2' N OF LOMBARDI ACCESS ROAD € AND 179' W OF US BANK DRIVEWAY €

VERTICAL CONTROL

BENCH MARK	ELEVATION	DESCRIPTION
1000	640.51	BURY TAG ON HYDRANT IN FRONT OF CABELA'S
1001	642.65	NE COR OF LP BASE BETWEEN METRO MARKET & CHUCK E CHEESE, 98' FROM BACK OF CURB
1002	643.20	BURY TAG ON HYDRANT ACROSS FROM SHELL ON MARLEE LN
1003	642.25	W SIDE OF LP BASE AT INTERSECTION BROOKWOOD DR AND MARLEE LN
1004	641.18	SE COR OF LP BASE BETWEEN METRO MARKET & CHUCK E CHEESE, 104' FROM BACK OF CURB
1005	639.58	NW COR OF STEP TO HO #1325 BROOKWOOD DR

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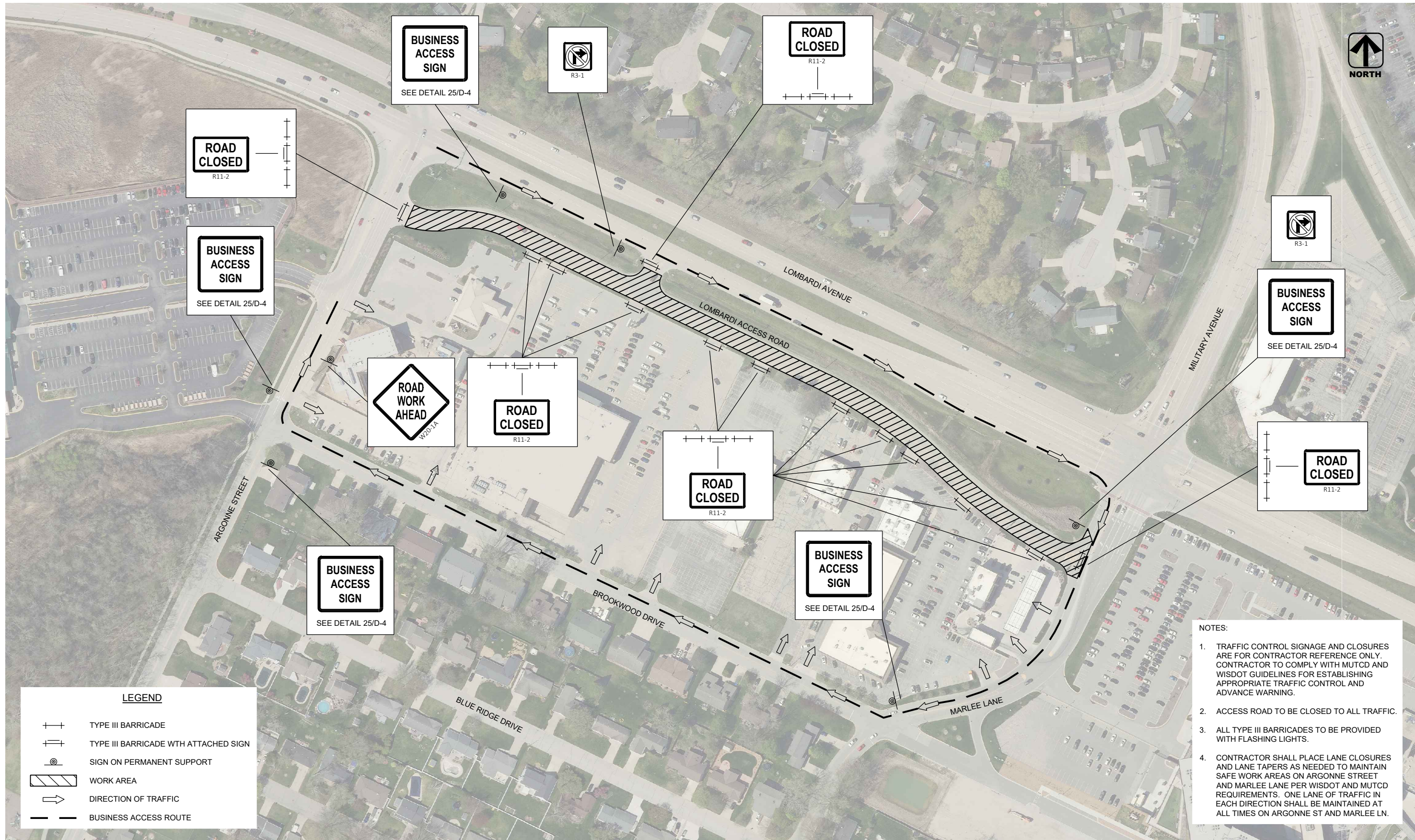
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**LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON**



GENERAL NOTES

SHEET NO.
G-3



ROAD CLOSED
R11-2

BUSINESS ACCESS SIGN
SEE DETAIL 25/D-4

BUSINESS ACCESS SIGN
SEE DETAIL 25/D-4

R3-1

ROAD CLOSED
R11-2

R3-1

BUSINESS ACCESS SIGN
SEE DETAIL 25/D-4

ROAD WORK AHEAD
W20-1A

ROAD CLOSED
R11-2

ROAD CLOSED
R11-2

BUSINESS ACCESS SIGN
SEE DETAIL 25/D-4

ROAD CLOSED
R11-2

BUSINESS ACCESS SIGN
SEE DETAIL 25/D-4

- NOTES:**
1. TRAFFIC CONTROL SIGNAGE AND CLOSURES ARE FOR CONTRACTOR REFERENCE ONLY. CONTRACTOR TO COMPLY WITH MUTCD AND WISDOT GUIDELINES FOR ESTABLISHING APPROPRIATE TRAFFIC CONTROL AND ADVANCE WARNING.
 2. ACCESS ROAD TO BE CLOSED TO ALL TRAFFIC.
 3. ALL TYPE III BARRICADES TO BE PROVIDED WITH FLASHING LIGHTS.
 4. CONTRACTOR SHALL PLACE LANE CLOSURES AND LANE TAPERS AS NEEDED TO MAINTAIN SAFE WORK AREAS ON ARGONNE STREET AND MARLEE LANE PER WISDOT AND MUTCD REQUIREMENTS. ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES ON ARGONNE ST AND MARLEE LN.

LEGEND

	TYPE III BARRICADE
	TYPE III BARRICADE WITH ATTACHED SIGN
	SIGN ON PERMANENT SUPPORT
	WORK AREA
	DIRECTION OF TRAFFIC
	BUSINESS ACCESS ROUTE

AA-Standard.sbf 2/7/2024 I:\25\Ashwaubenon Village of 56-0121.28 Ashwaubenon Lombardi Access Rd & Brookwood Dr Sidewalk CADD\Sheets\Plan\Traffic Control Lombardi Access.dwg Layout: Exhibit

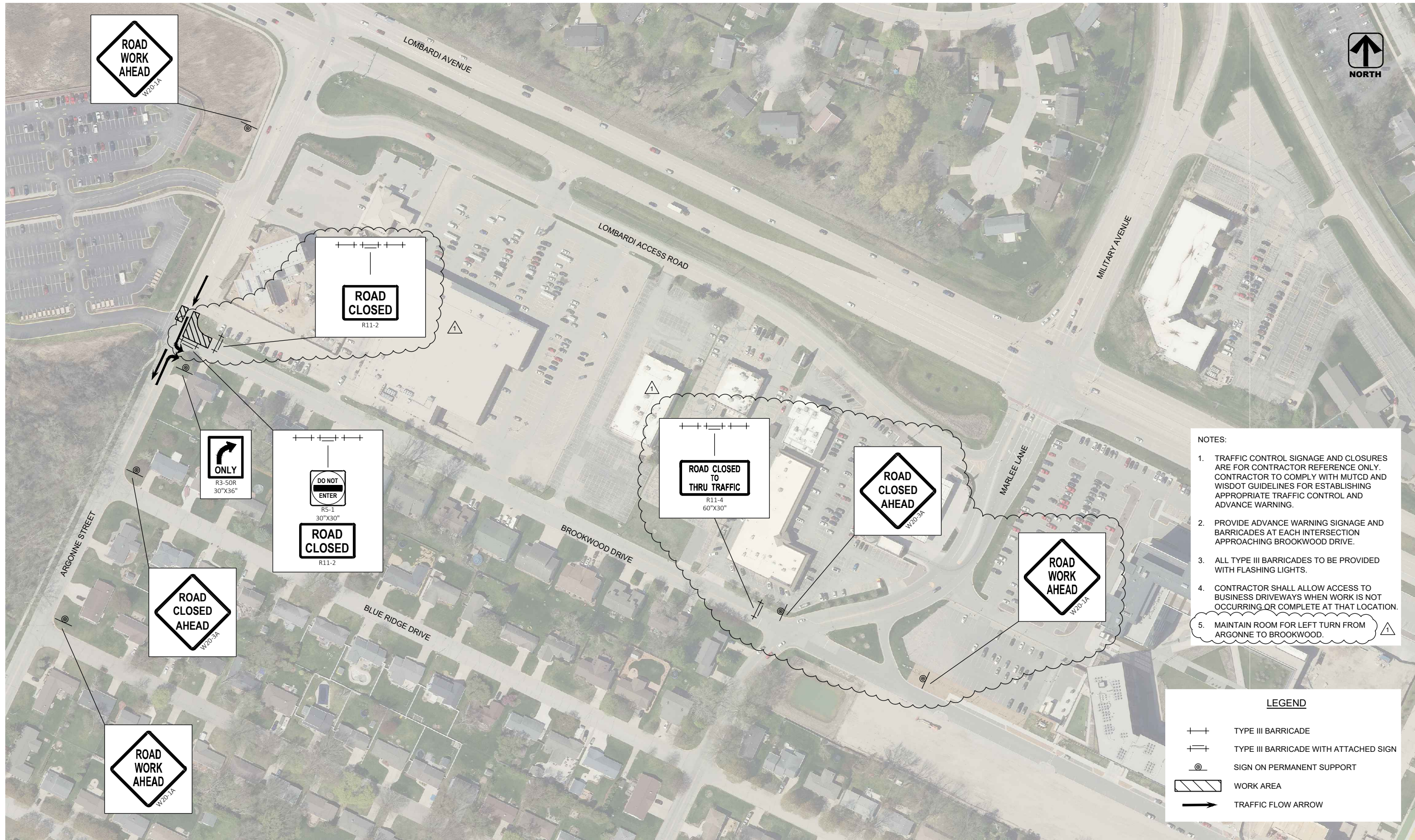
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DR BY	JWS	PROJ NO	56-0121.28						
CHK BY	TAH	DATE	FEBRUARY 2024	NO	2/7/2024	ADDENDUM NO	1		
				NO	DATE			REVISION	

LOMBARDI ACCESS ROAD IMPROVEMENTS AND BROOKWOOD DRIVE SIDEWALK VILLAGE OF ASHWAUBENON



TRAFFIC CONTROL STAGE 1 LOMBARDI ACCESS ROAD

SHEET NO. **G-10**



- NOTES:**
1. TRAFFIC CONTROL SIGNAGE AND CLOSURES ARE FOR CONTRACTOR REFERENCE ONLY. CONTRACTOR TO COMPLY WITH MUTCD AND WISDOT GUIDELINES FOR ESTABLISHING APPROPRIATE TRAFFIC CONTROL AND ADVANCE WARNING.
 2. PROVIDE ADVANCE WARNING SIGNAGE AND BARRICADES AT EACH INTERSECTION APPROACHING BROOKWOOD DRIVE.
 3. ALL TYPE III BARRICADES TO BE PROVIDED WITH FLASHING LIGHTS.
 4. CONTRACTOR SHALL ALLOW ACCESS TO BUSINESS DRIVEWAYS WHEN WORK IS NOT OCCURRING OR COMPLETE AT THAT LOCATION.
 5. MAINTAIN ROOM FOR LEFT TURN FROM ARGONNE TO BROOKWOOD.

LEGEND

	TYPE III BARRICADE
	TYPE III BARRICADE WITH ATTACHED SIGN
	SIGN ON PERMANENT SUPPORT
	WORK AREA
	TRAFFIC FLOW ARROW

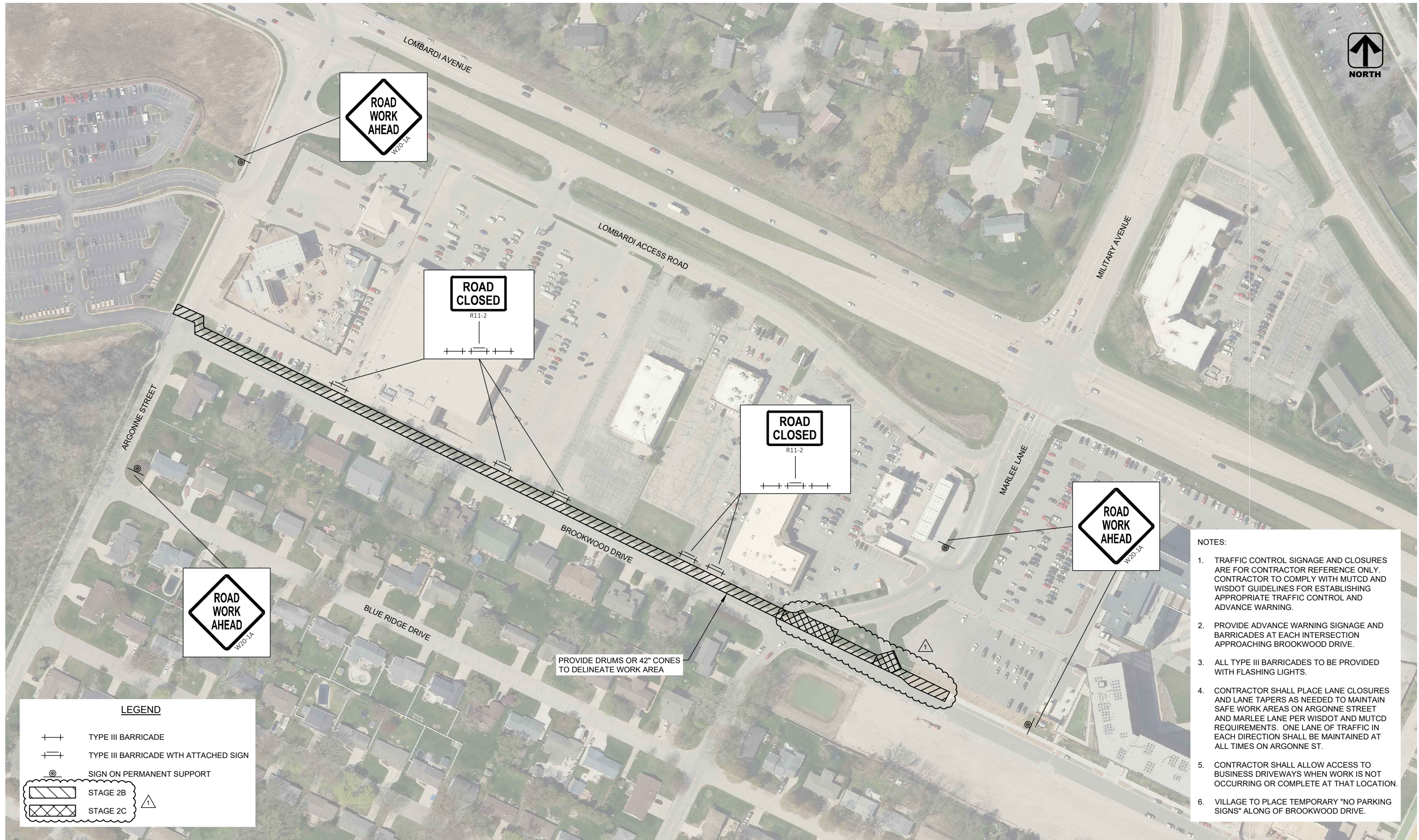
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CHK BY	TAH	DATE	FEBRUARY 2024	NO	DATE	REVISION	NO	DATE	REVISION

**LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON**



**TRAFFIC CONTROL STAGE 2A
ARGONNE STREET**



- NOTES:
1. TRAFFIC CONTROL SIGNAGE AND CLOSURES ARE FOR CONTRACTOR REFERENCE ONLY. CONTRACTOR TO COMPLY WITH MUTCD AND WISDOT GUIDELINES FOR ESTABLISHING APPROPRIATE TRAFFIC CONTROL AND ADVANCE WARNING.
 2. PROVIDE ADVANCE WARNING SIGNAGE AND BARRICADES AT EACH INTERSECTION APPROACHING BROOKWOOD DRIVE.
 3. ALL TYPE III BARRICADES TO BE PROVIDED WITH FLASHING LIGHTS.
 4. CONTRACTOR SHALL PLACE LANE CLOSURES AND LANE TAPERS AS NEEDED TO MAINTAIN SAFE WORK AREAS ON ARGONNE STREET AND MARLEE LANE PER WISDOT AND MUTCD REQUIREMENTS. ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES ON ARGONNE ST.
 5. CONTRACTOR SHALL ALLOW ACCESS TO BUSINESS DRIVEWAYS WHEN WORK IS NOT OCCURRING OR COMPLETE AT THAT LOCATION.
 6. VILLAGE TO PLACE TEMPORARY "NO PARKING SIGNS" ALONG OF BROOKWOOD DRIVE.

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- ⊙ SIGN ON PERMANENT SUPPORT
- ▨ STAGE 2B
- ▩ STAGE 2C

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DR BY	JWS	DATE	FEBRUARY 2024	NO	DATE	REVISION
CHK BY	TAH	DATE	FEBRUARY 2024	NO	DATE	REVISION

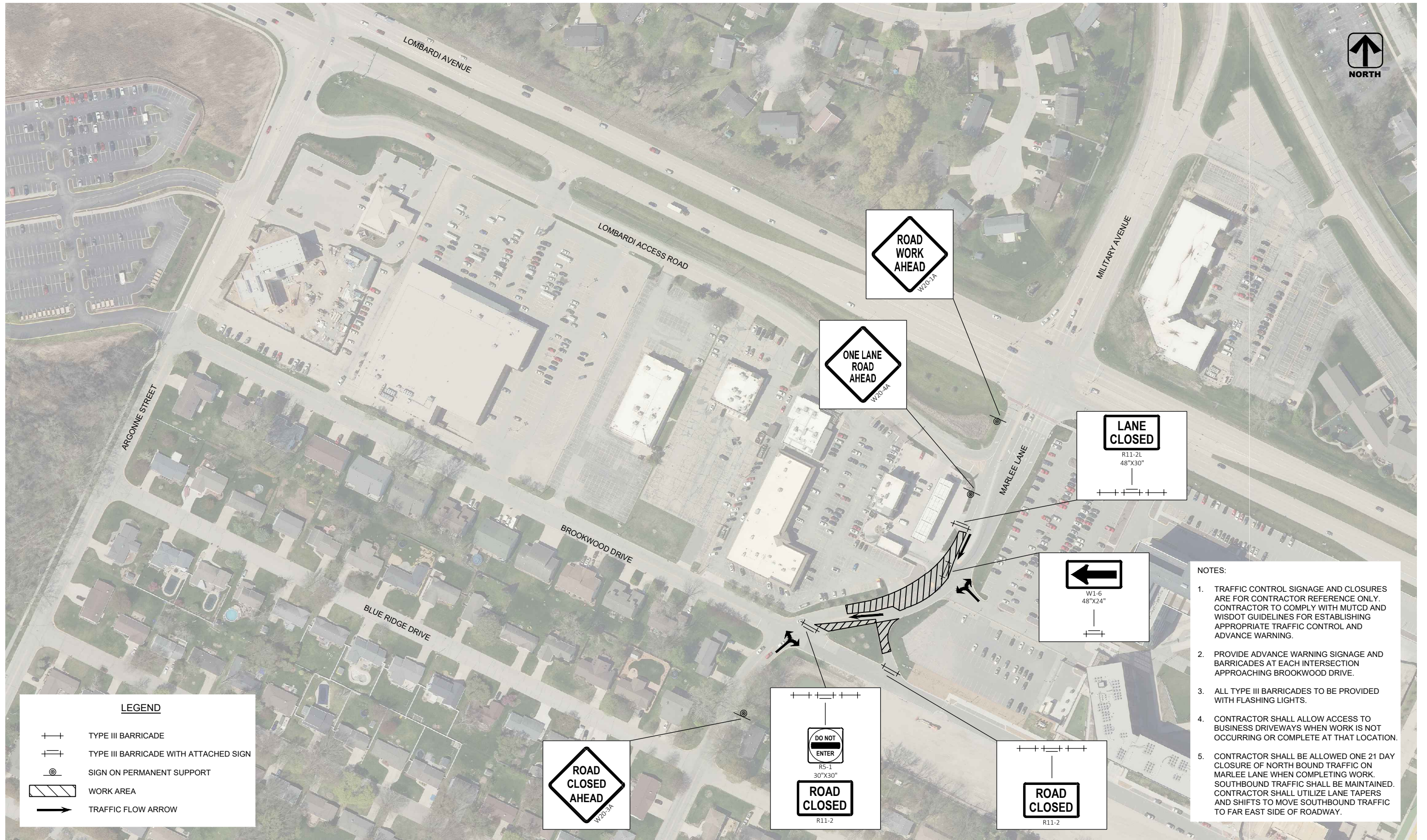
LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON



TRAFFIC CONTROL - STAGE 2B AND 2C
BROOKWOOD DRIVE

SHEET NO
G-12

AA-Standard.sbf
2/7/2024
I:\25\Ashwaubenton Village of 56-0121.28 Ashwaubenton Lombardi Access Rd & Brookwood Dr Sidewalk.CADD\Sheets\Traffic Control Brookwood.dwg, Layout: Exhibit



LEGEND	
	TYPE III BARRICADE
	TYPE III BARRICADE WITH ATTACHED SIGN
	SIGN ON PERMANENT SUPPORT
	WORK AREA
	TRAFFIC FLOW ARROW

LANE CLOSED
R11-2L
48"x30"

W1-6
48"x24"

R5-1
30"x30"

ROAD CLOSED
R11-2

ROAD CLOSED
R11-2

ROAD CLOSED AHEAD
W20-3A

ONE LANE ROAD AHEAD
W20-3A

ROAD WORK AHEAD
W20-3A

- NOTES:
1. TRAFFIC CONTROL SIGNAGE AND CLOSURES ARE FOR CONTRACTOR REFERENCE ONLY. CONTRACTOR TO COMPLY WITH MUTCD AND WISDOT GUIDELINES FOR ESTABLISHING APPROPRIATE TRAFFIC CONTROL AND ADVANCE WARNING.
 2. PROVIDE ADVANCE WARNING SIGNAGE AND BARRICADES AT EACH INTERSECTION APPROACHING BROOKWOOD DRIVE.
 3. ALL TYPE III BARRICADES TO BE PROVIDED WITH FLASHING LIGHTS.
 4. CONTRACTOR SHALL ALLOW ACCESS TO BUSINESS DRIVEWAYS WHEN WORK IS NOT OCCURRING OR COMPLETE AT THAT LOCATION.
 5. CONTRACTOR SHALL BE ALLOWED ONE 21 DAY CLOSURE OF NORTH BOUND TRAFFIC ON MARLEE LANE WHEN COMPLETING WORK. SOUTHBOUND TRAFFIC SHALL BE MAINTAINED. CONTRACTOR SHALL UTILIZE LANE TAPERS AND SHIFTS TO MOVE SOUTHBOUND TRAFFIC TO FAR EAST SIDE OF ROADWAY.

AA-Standard.snb
2/7/2024
I:\25\Ashwaubenon Village of Ashwaubenon Lombardi Access Rd & Brookwood Dr Sidewalk CADD\Sheets\Plan\Traffic Control Lombardi Access 2.dwg, Layout: Exhibit

DES BY	AMS	PROJ NO	1	2/7/2024	ADDENDUM NO 1	NO	DATE	REVISION	NO	DATE	REVISION
DR BY	JWS	56-0121.28									
CHK BY	TAH	DATE	FEBRUARY 2024								

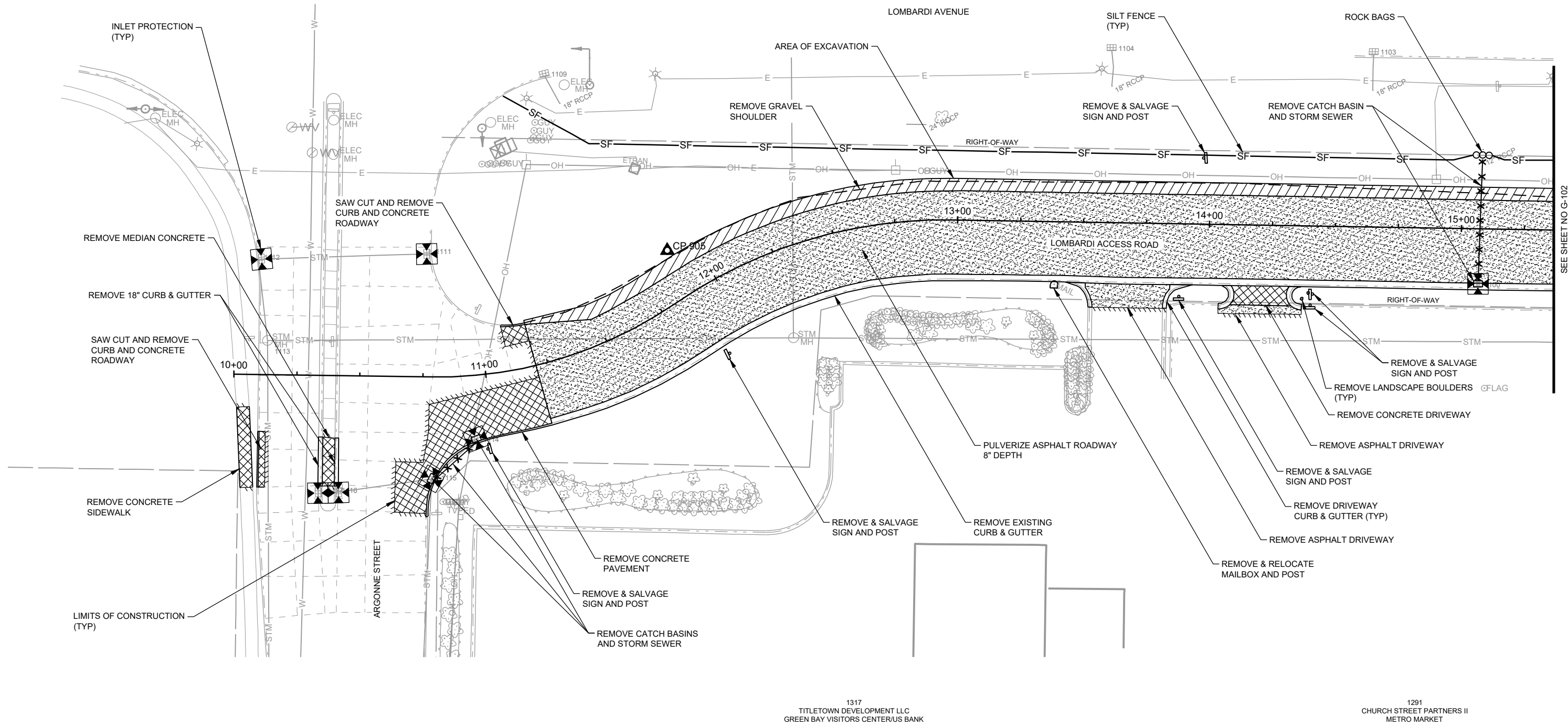
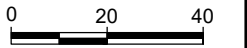
LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON



TRAFFIC CONTROL STAGE 2D
MARLEE LANE



NORTH



SEE SHEET NO G-102

AA-Standard.snb
2/7/2024
I:\25\Ashwaubenton Village of 56-0121.28 Ashwaubenton Lombardi Access Rd & Brookwood Dr Sidewalk\CAD\SheetPlan\Demo Plan - Lombardi Access.dwg, Layout: G-101

DES BY	AMS	PROJ NO	56-0121.28	1	2/7/2024	ADDENDUM NO 1			
DR BY	JWS	DATE	FEBRUARY 2024	NO	DATE	REVISION	NO	DATE	REVISION
CHK BY	TAH								

LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON



DEMOLITION PLAN - LOMBARDI ACCESS ROAD

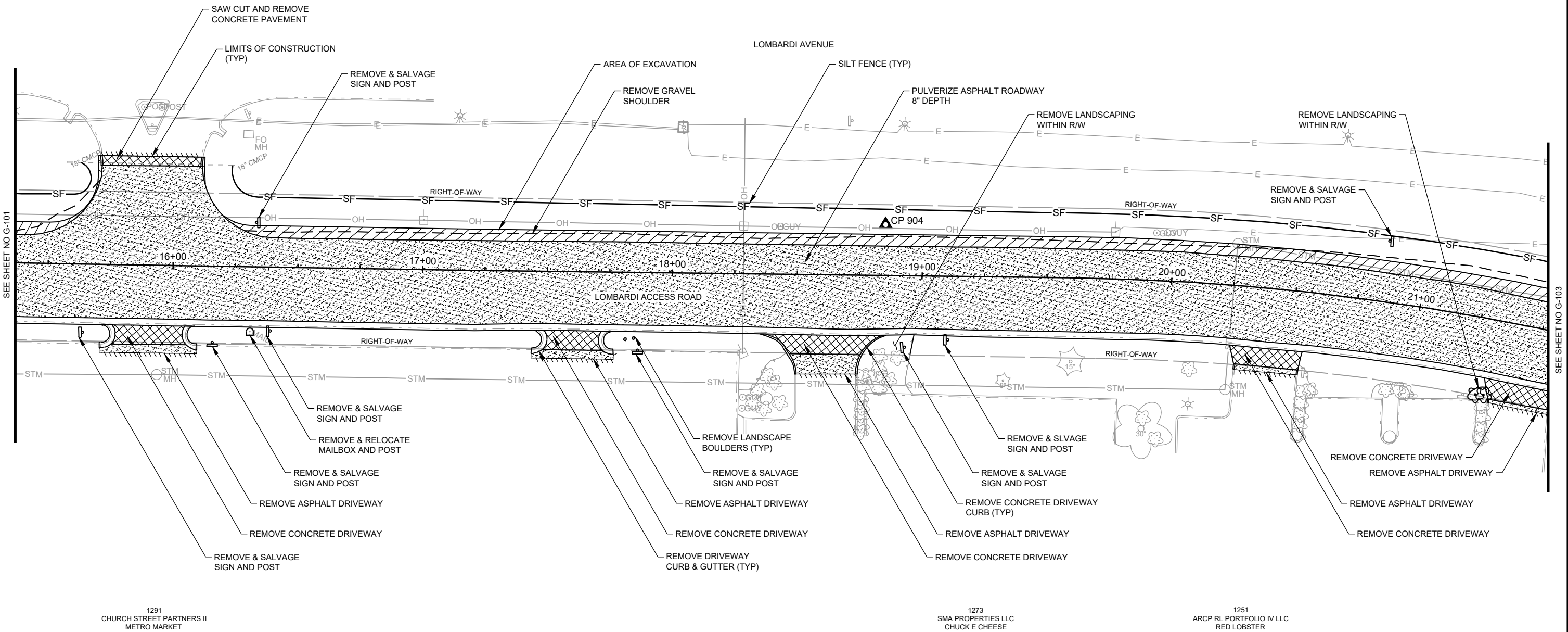
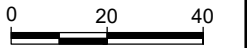
SHEET NO.
G-101

1317
TITLETOWN DEVELOPMENT LLC
GREEN BAY VISITORS CENTER/US BANK

1291
CHURCH STREET PARTNERS II
METRO MARKET



NORTH



SEE SHEET NO G-101

SEE SHEET NO G-103

1291
CHURCH STREET PARTNERS II
METRO MARKET

1273
SMA PROPERTIES LLC
CHUCK E CHEESE

1251
ARCP RL PORTFOLIO IV LLC
RED LOBSTER

DES BY	AMS	PROJ NO	56-0121.28	1	2/7/2024	ADDENDUM NO 1
DR BY	JWS	DATE	FEBRUARY 2024	NO	DATE	REVISION
CHK BY	TAH	NO		NO	DATE	REVISION

LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON



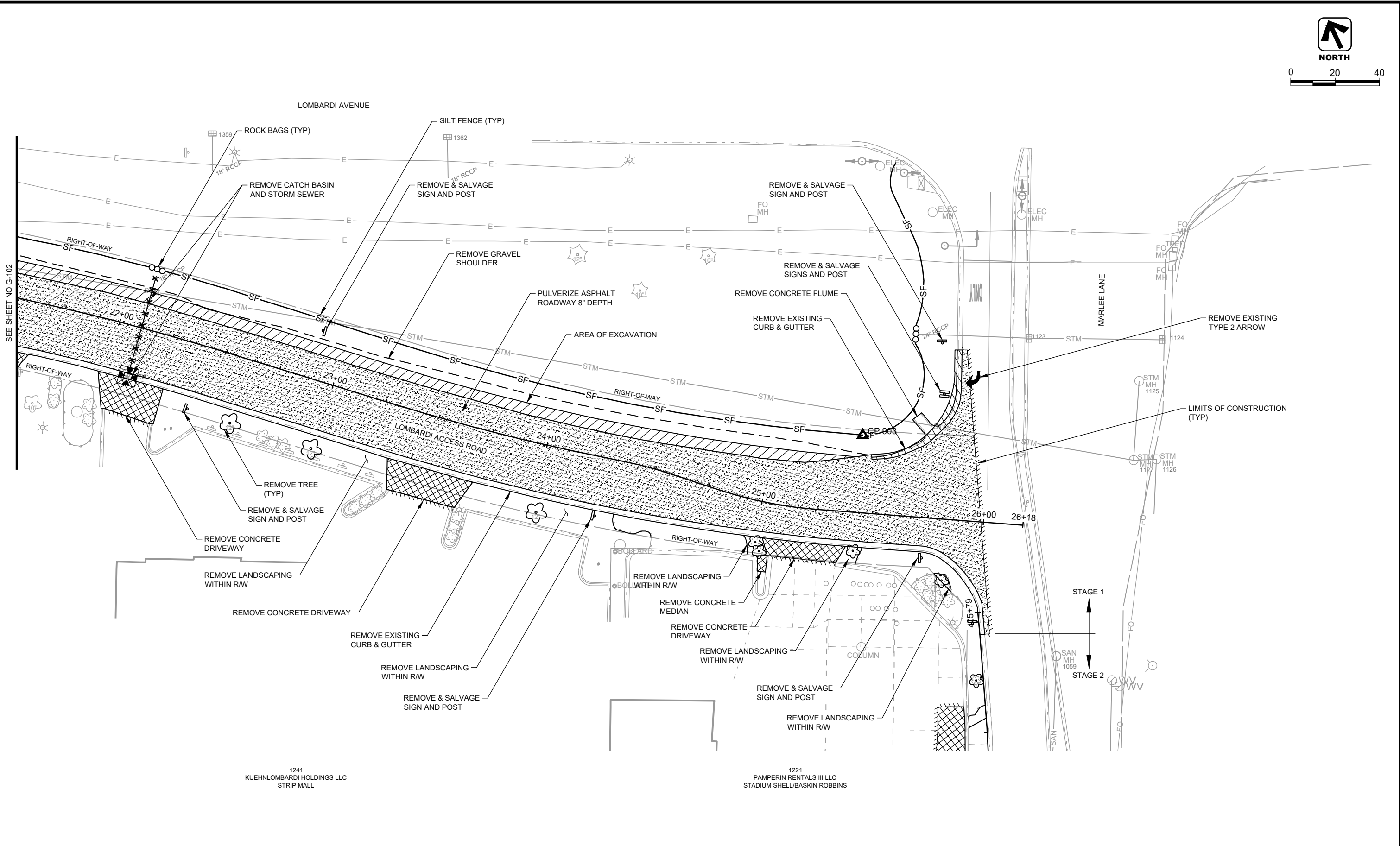
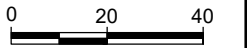
DEMOLITION PLAN - LOMBARDI ACCESS ROAD

SHEET NO.
G-102

AA-Standard.snb
2/7/2024
I:\25\Ashwaubenton Village of 56-0121.28 Ashwaubenton Lombardi Access Rd & Brookwood Dr Sidewalk CAD Sheets\Plan\Demo Plan - Lombardi Access.dwg, Layout: G-102



NORTH



1241
KUEHNLOMBARDI HOLDINGS LLC
STRIP MALL

1221
PAMPERIN RENTALS III LLC
STADIUM SHELL/BASKIN ROBBINS

STAGE 1
↑
STAGE 2
↓

DES BY	AMS	PROJ NO	56-0121.28	1	2/7/2024	ADDENDUM NO 1			
DR BY	JWS	DATE	FEBRUARY 2024	NO	DATE	REVISION	NO	DATE	REVISION
CHK BY	TAH								

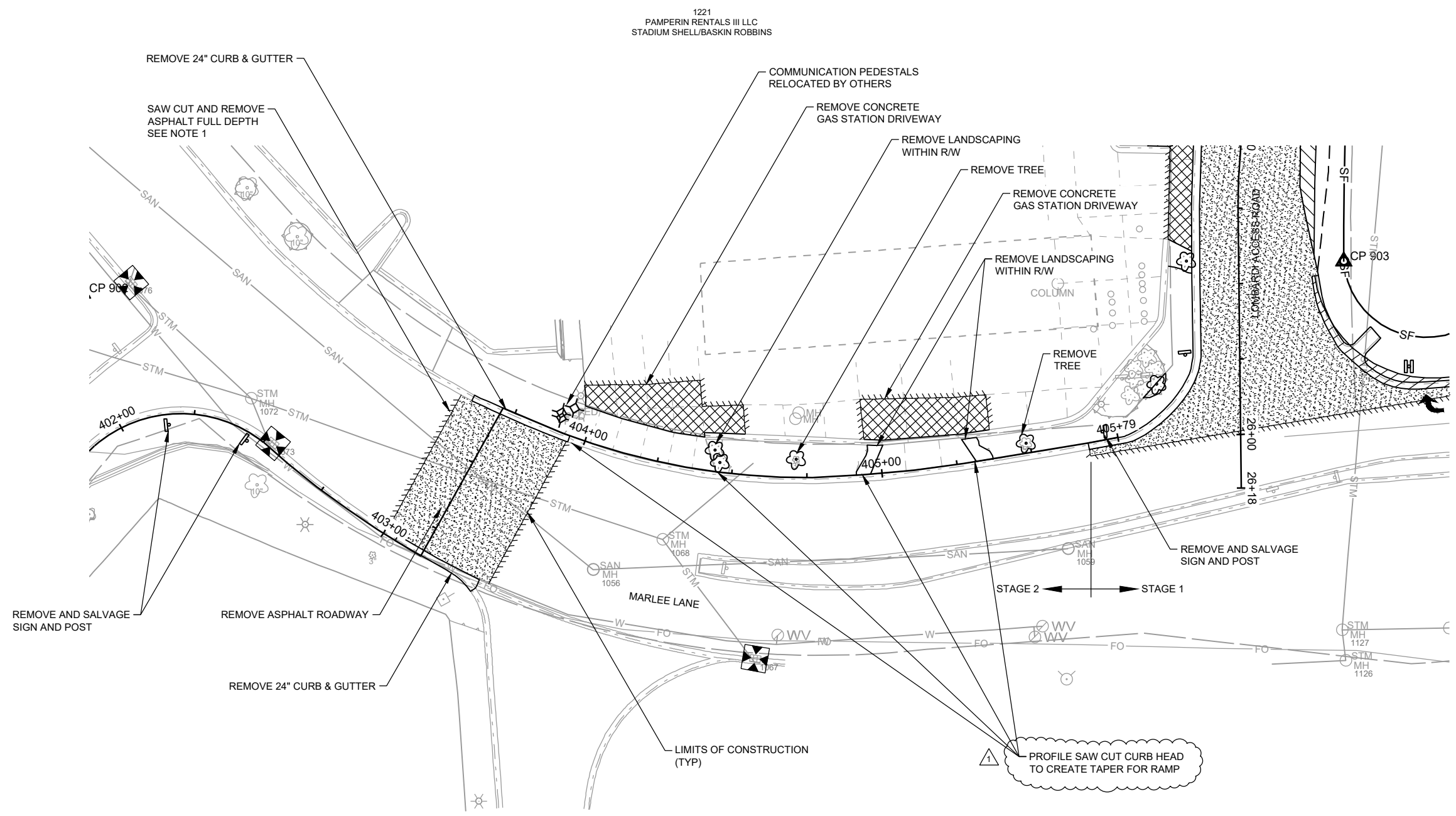
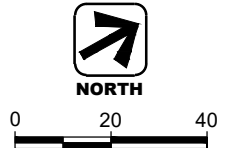
LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON



DEMOLITION PLAN - LOMBARDI ACCESS ROAD

SHEET NO.
G-103

AA-Standard.snb
2/7/2024
I:\25\Ashwaubenton Village of 56-0121.28 Ashwaubenton Lombardi Access Rd & Brookwood Dr Sidewalk\CADD\Sheets\Plan\Demo Plan - Lombardi Access.dwg, Layout: G-103



NOTES:
 1. CONTRACTOR SHALL REMOVE ASPHALT PAVEMENT IN DRIVING LANES IMMEDIATELY PRIOR TO RE-PAVING.

AA-Standard.snb 2/7/2024 I:\25\Ashwaubenon Village of 56-0121.28 Ashwaubenon Lombardi Access Rd & Brookwood Dr Sidewalk\CAD\Sheets\Plan\Demo Plan - Lombardi Access.dwg, Layout: G-104

DES BY	AMS								
DR BY	JWS	PROJ NO	56-0121.28						
CHK BY	TAH	DATE	FEBRUARY 2024	NO	DATE	REVISION	NO	DATE	REVISION

1221
 PAMPERIN RENTALS III LLC
 STADIUM SHELL/BASKIN ROBBINS

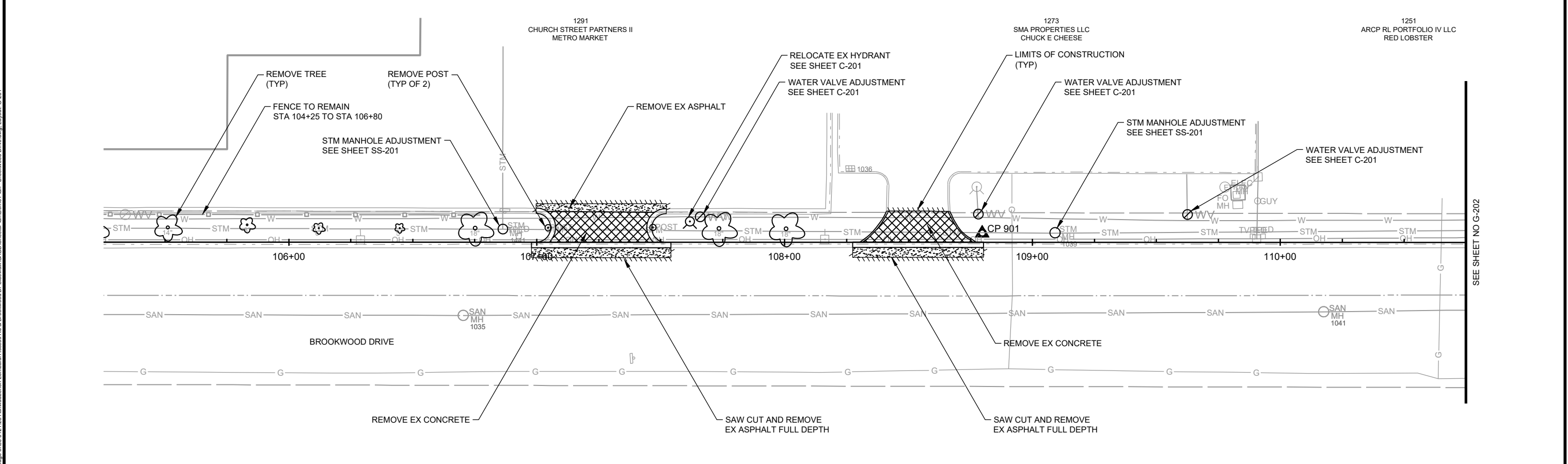
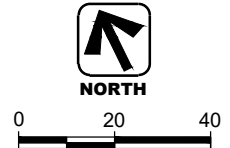
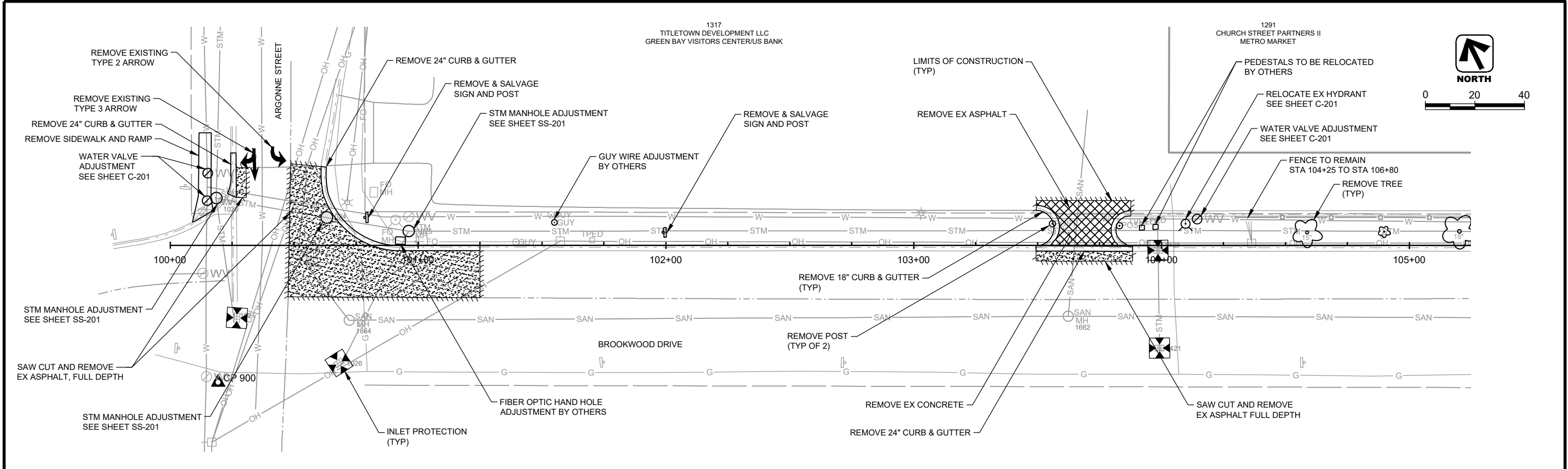
1175
 TITLETOWN OFFICE PARTNERS LLC

LOMBARDI ACCESS ROAD IMPROVEMENTS
 AND BROOKWOOD DRIVE SIDEWALK
 VILLAGE OF ASHWAUBENON



DEMOLITION PLAN - MARLEE LANE

SHEET NO.
 G-104



AA-Standard.snb
 2/7/2024
 I:\25\Ashwaubenton Village of 56-0121.28 Ashwaubenton Lombardi Access Rd & Brookwood Dr Sidewalk CAD\Drawings\Plan - Brookwood Drive.dwg, Layout: G-201

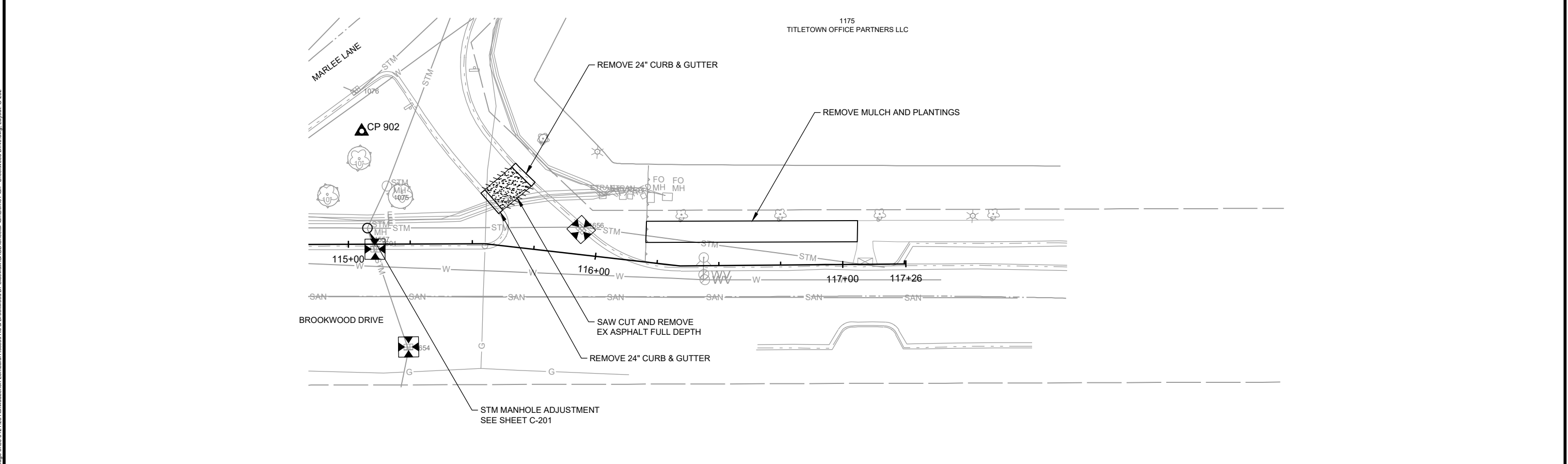
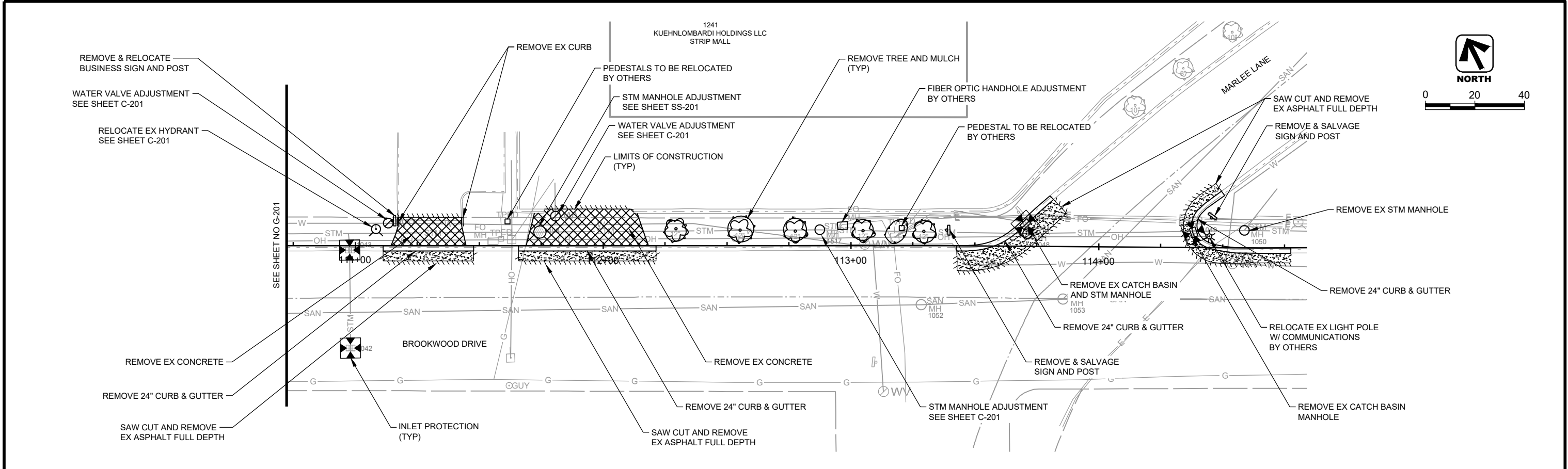
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DR BY	JWS	56-0121.28	1	2/7/2024	ADDENDUM NO 1			
CHK BY	TAH	FEBRUARY 2024						

**LOMBARDI ACCESS ROAD IMPROVEMENTS
 AND BROOKWOOD DRIVE SIDEWALK
 VILLAGE OF ASHWAUBENON**



DEMOLITION PLAN - BROOKWOOD DRIVE

SHEET NO.
G-201



AA-Standard.snb
 2/7/2024
 I:\25\Ashwaubenton Village of 56-0121.28 Ashwaubenton Lombardi Access Rd & Brookwood Dr Sidewalk CAD Sheets\Plan\Demo Plan - Brookwood Drive.dwg, Layout: G-202

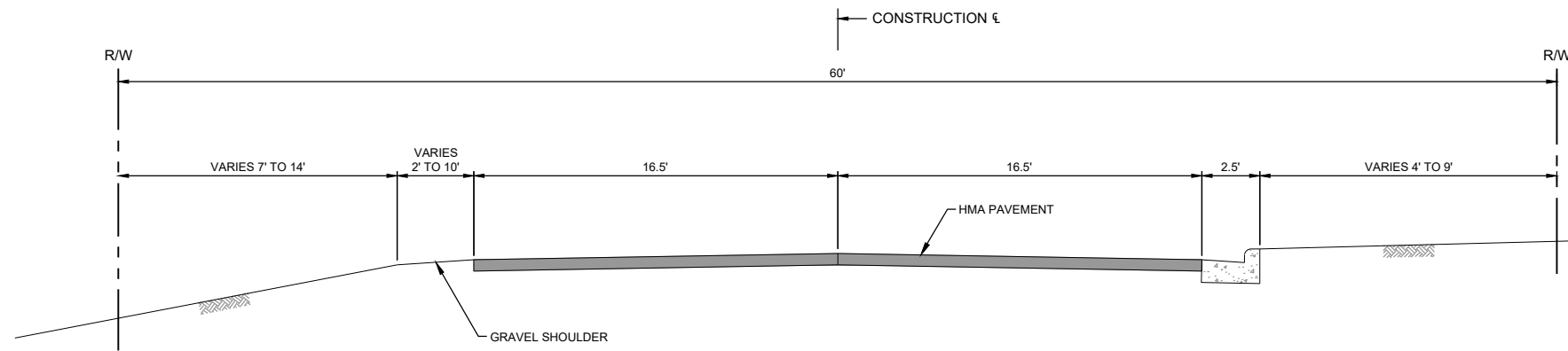
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DR BY	JWS	DATE	FEBRUARY 2024	NO	DATE	REVISION	NO	DATE	REVISION	
CHK BY	TAH									

**LOMBARDI ACCESS ROAD IMPROVEMENTS
 AND BROOKWOOD DRIVE SIDEWALK
 VILLAGE OF ASHWAUBENON**

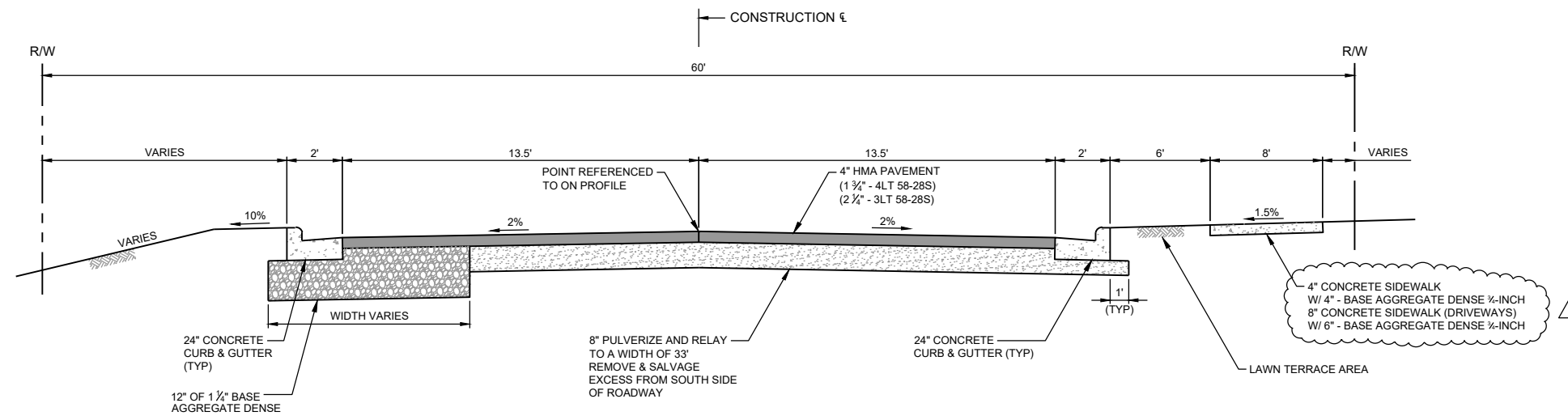


DEMOLITION PLAN - BROOKWOOD DRIVE

SHEET NO.
G-202



EXISTING TYPICAL CROSS SECTION FOR
LOMBARDI ACCESS ROAD



PROPOSED TYPICAL CROSS SECTION FOR
LOMBARDI ACCESS ROAD

AA-Standard.snb
2/7/2024
I:\25\Ashwaubenton Village of 56-0121.28 Ashwaubenton Lombardi Access Rd & Brookwood Dr Sidewalk CADD\Sheet\Plan\6-Typ Sections.dwg, Layout: TS-1

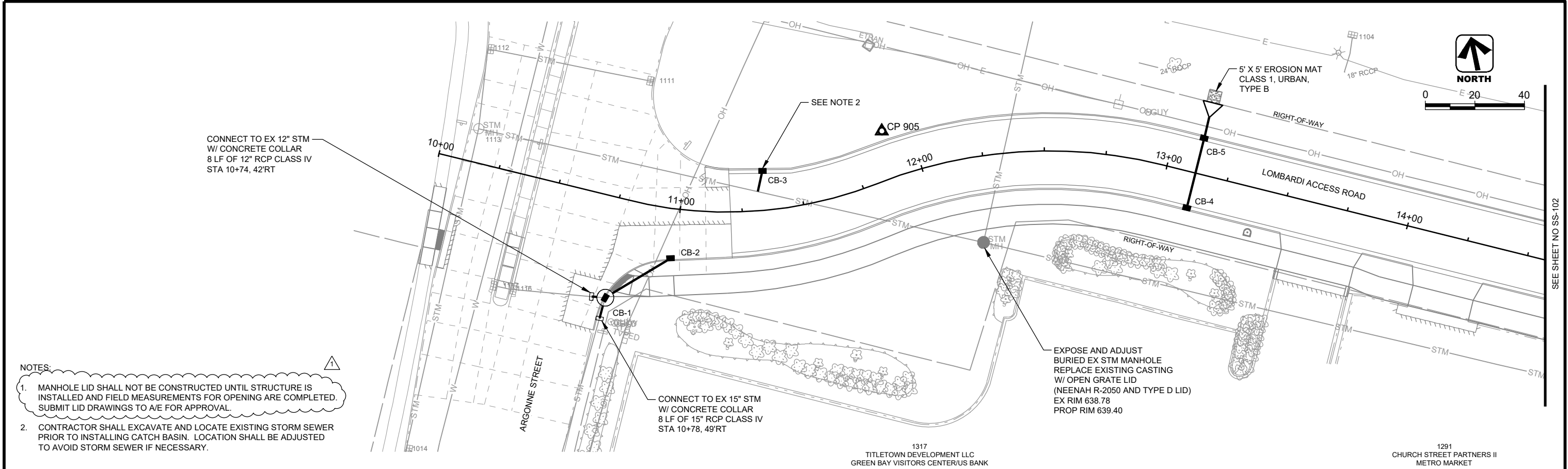
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DR BY	JWS	PROJ NO	56-0121.28						
CHK BY	TAH	DATE	FEBRUARY 2024	NO	1	DATE	2/7/2024	REVISION	ADDENDUM NO 1
				NO		DATE		REVISION	

LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON

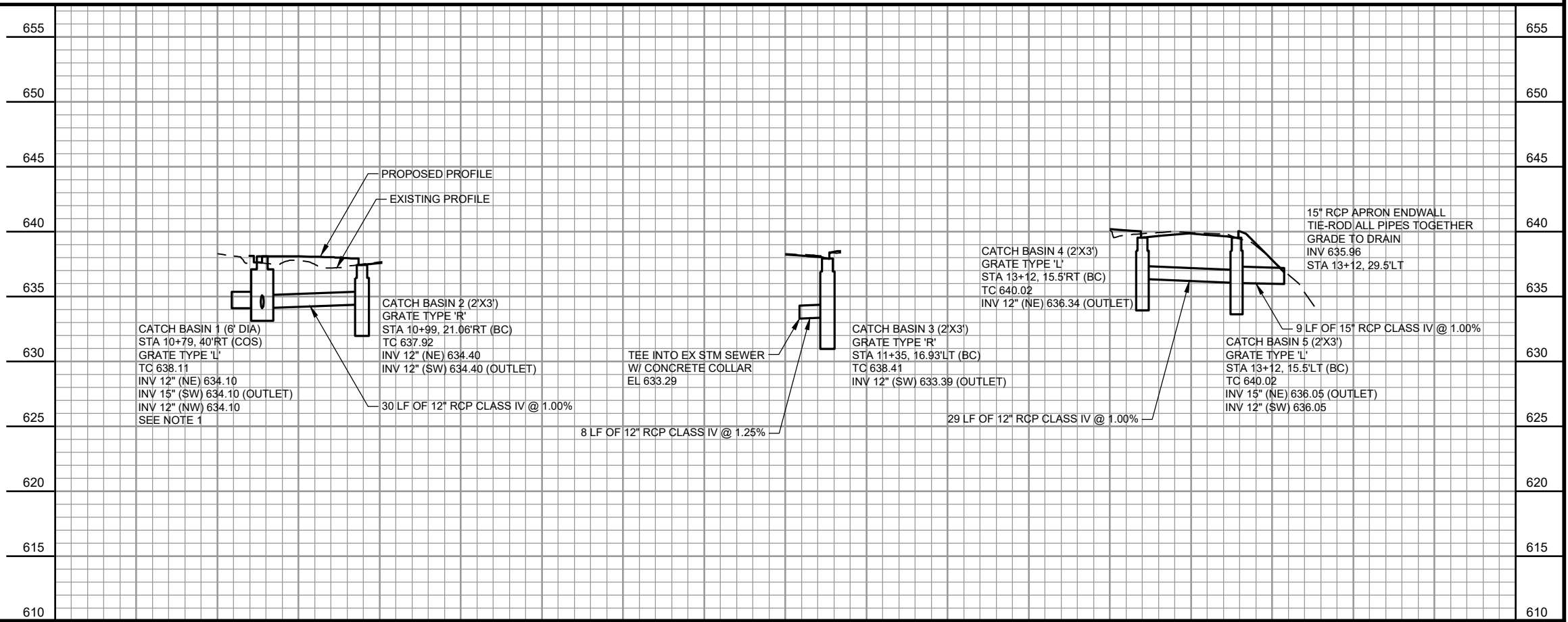


TYPICAL SECTIONS

SHEET NO.
TS-1



- NOTES:**
- MANHOLE LID SHALL NOT BE CONSTRUCTED UNTIL STRUCTURE IS INSTALLED AND FIELD MEASUREMENTS FOR OPENING ARE COMPLETED. SUBMIT LID DRAWINGS TO A/E FOR APPROVAL.
 - CONTRACTOR SHALL EXCAVATE AND LOCATE EXISTING STORM SEWER PRIOR TO INSTALLING CATCH BASIN. LOCATION SHALL BE ADJUSTED TO AVOID STORM SEWER IF NECESSARY.



AA-Standard.snb 2/7/2024 I:\25\Ashwaubenton Village of 05-0121.28 Ashwaubenton Lombardi Access Rd & Brookwood Dr Sidewalk/CDD/SheetPlan/STM - Lombardi Access.dwg Layout SS-101

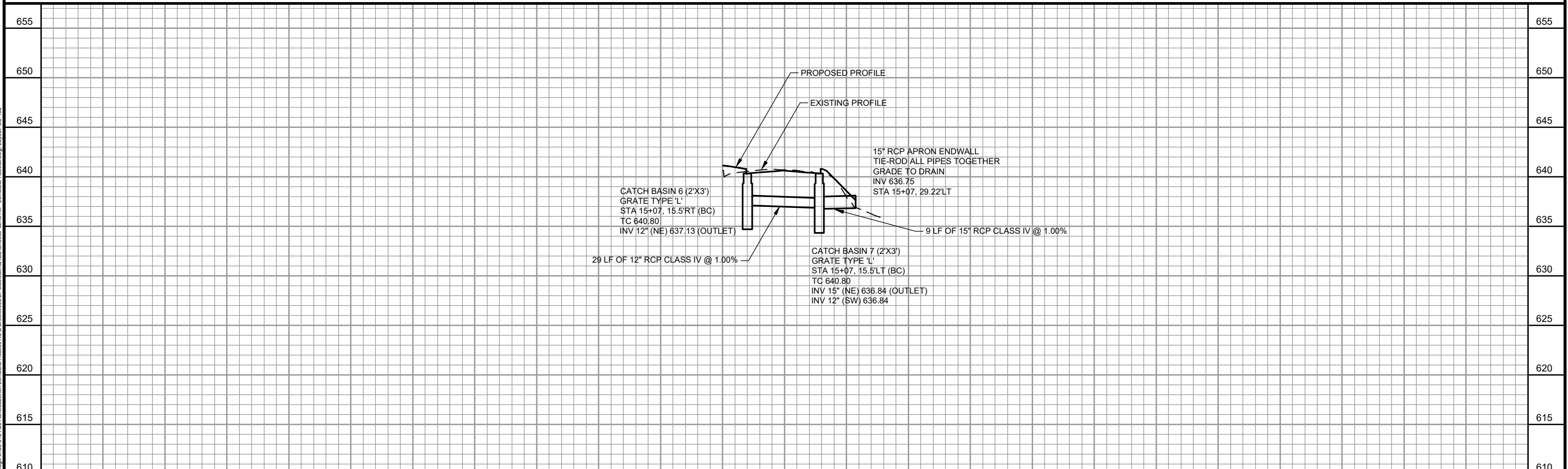
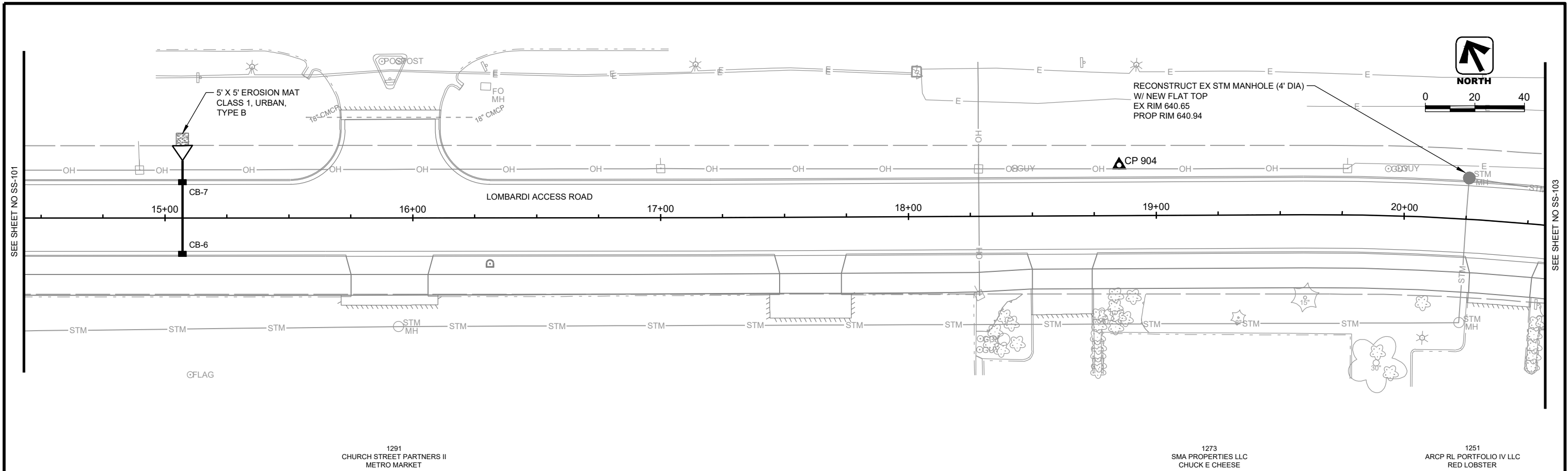
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DR BY	JWS	DATE	FEBRUARY 2024	NO	DATE	REVISION	NO	DATE	REVISION
CHK BY	TAH								

**LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON**



STORM SEWER - LOMBARDI ACCESS ROAD

SHEET NO.
SS-101



AA-Standard.snb 2/7/2024 I:\25\Ashwaubenton Village of 56-0121.28 Ashwaubenton Lombardi Access Rd & Brookwood Dr Sidewalk\CADD\SheetP\an\STM - Lombardi Access.dwg, Layout: SS-102

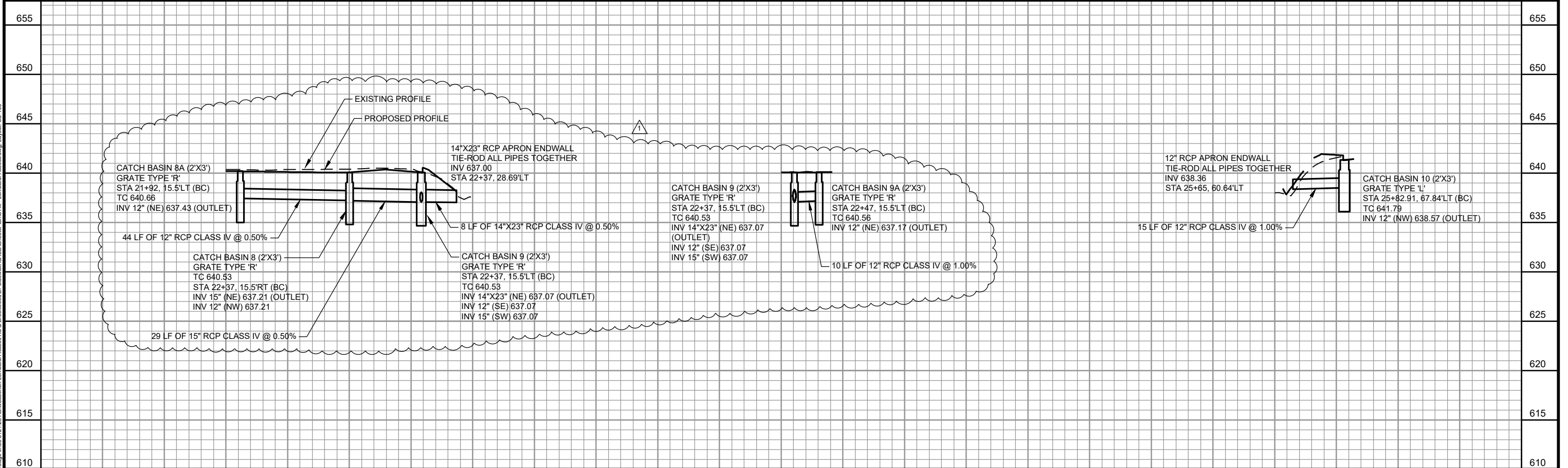
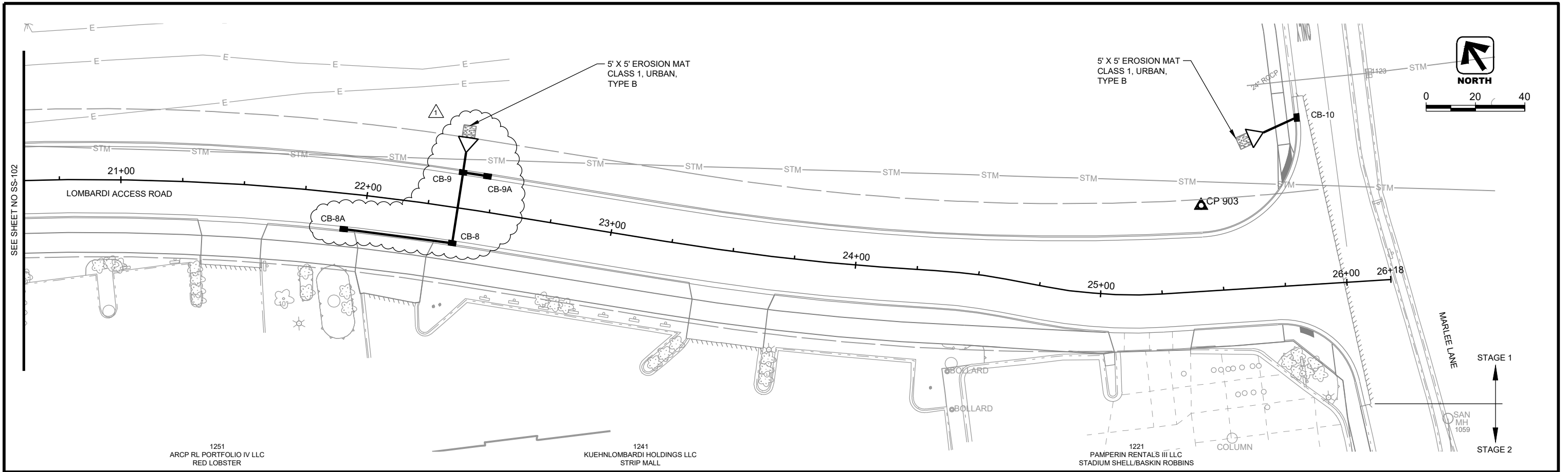
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DR BY	JWS	DATE	FEBRUARY 2024	NO	DATE		REVISION	
CHK BY	TAH	DATE		NO	DATE		REVISION	

**LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON**



STORM SEWER - LOMBARDI ACCESS ROAD

SHEET NO.
SS-102



DES BY	AMS	PROJ NO	56-0121.28	1	2/7/2024	ADDENDUM NO 1			
DR BY	JWS	DATE	FEBRUARY 2024	NO	DATE	REVISION	NO	DATE	REVISION
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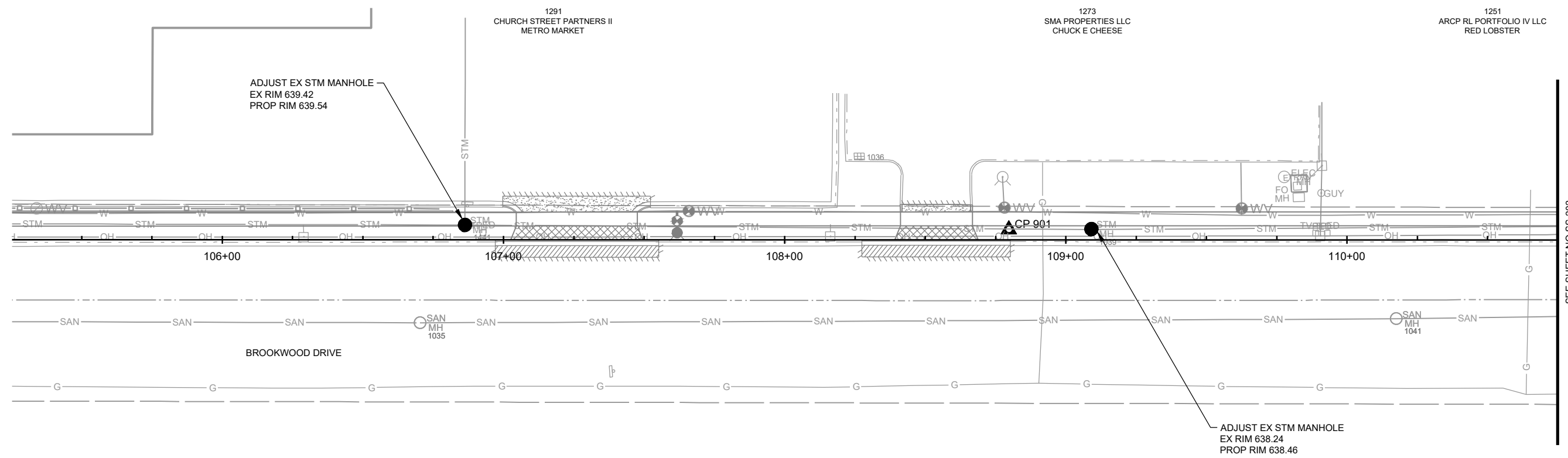
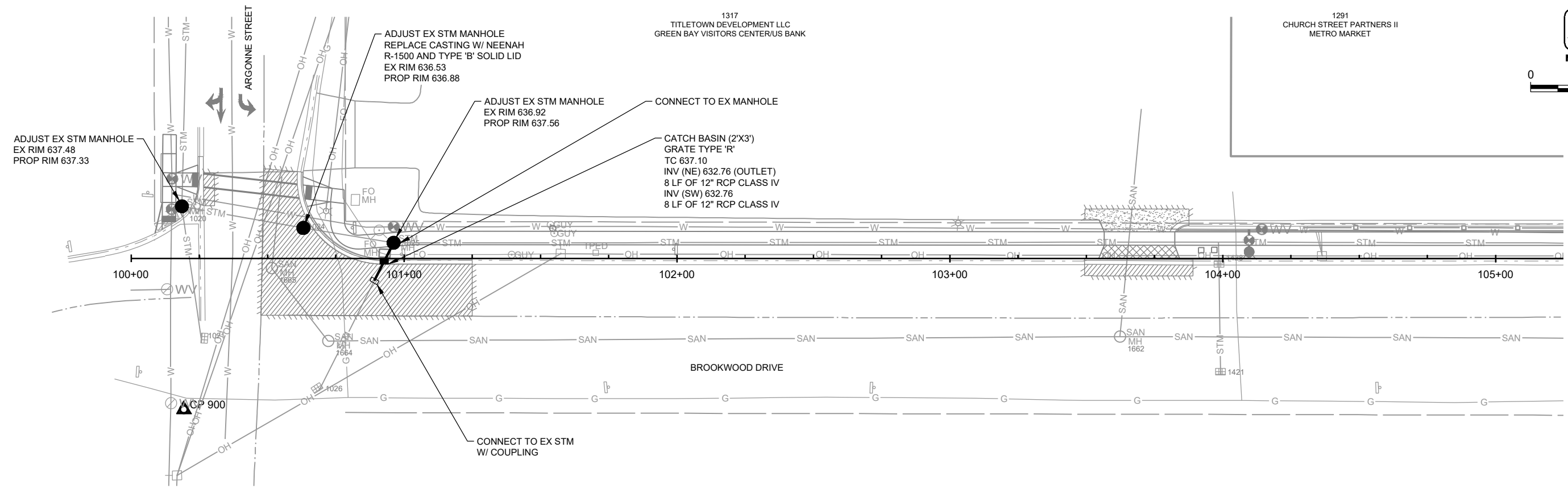
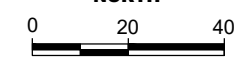
LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON



STORM SEWER - LOMBARDI ACCESS ROAD

SHEET NO.
SS-103

AA-Standard.sib 2/7/2024 I:\25\Ashwaubenton Village of 56-0121.28 Ashwaubenton Lombardi Access Rd & Brookwood Dr Sidewalk\CAD\SheetP\an\STM - Lombardi Access.dwg Layout: SS-103



SEE SHEET NO SS-202

AA-Standard.snb
2/7/2024
I:\25\Ashwaubenton_Village_of\56-0121_28_Ashwaubenton_Lombardi_Access_Rd_&_Brookwood_Dr_Sidewalk_CADD\Sheets\Plan\STM- Brookwood Drive.dwg_Layout_SS-201

DES BY	AMS								
DR BY	JWS	PROJ NO	56-0121.28						
CHK BY	TAH	DATE	FEBRUARY 2024	NO	DATE	REVISION	NO	DATE	REVISION
				1	2/7/2024	ADDENDUM NO 1			

LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON



STORM SEWER - BROOKWOOD DRIVE

SHEET NO.
SS-201

1241
KUEHNLOMBARDI HOLDINGS LLC

STM MANHOLE 1 (6' DIA)
STA 113+49, 5'LT
RIM 638.46
INV 21" (SE) 634.60
INV 12" (SW) 634.65
INV 21" (NW) 634.60 (OUTLET)
INV 12" (NW) 634.65 (FIELD CUT OPENING)



SEE SHEET NO SS-201

CONNECT TO EX CATCH BASIN
W/ 12 LF OF 12" RCP CLASS IV

CONNECT TO EX 21" STM
W/ CONCRETE COLLAR
8 LF OF 21" RCP CLASS IV
STA 113+41, 5'LT

CONNECT TO EX 18" STM
W/ CONCRETE COLLAR
8 LF OF 18" RCP CLASS IV

STM MANHOLE 2 (7' DIA)
STA 114+59, 7'LT
RIM 638.61
INV 18" (NE) 634.88
INV 21" (SE) 634.88
INV 12" (SW) 634.98
INV 21" (NW) 634.88 (OUTLET)

CONNECT TO EX 21" STM
W/ CONCRETE COLLAR
8 LF OF 21" RCP CLASS IV
STA 114+67, 7'LT

CATCH BASIN 2 (2'X3')
GRATE TYPE 'R'
STA 114+59 (BC)
TC 638.27
INV 12" (NE) 635.06 (OUTLET)
8 LF OF 12" RCP CLASS IV @ 1.0%

CONNECT TO EX 21" STM
W/ CONCRETE COLLAR
24 LF OF 21" RCP CLASS IV
STA 114+36, 7'LT

BROOKWOOD DRIVE

ADJUST EX STM MANHOLE
EX RIM 636.94
PROP RIM 637.63
REPLACE CASTING WITH
NEENAH R-1500 AND TYPE 'B'
SOLID LID

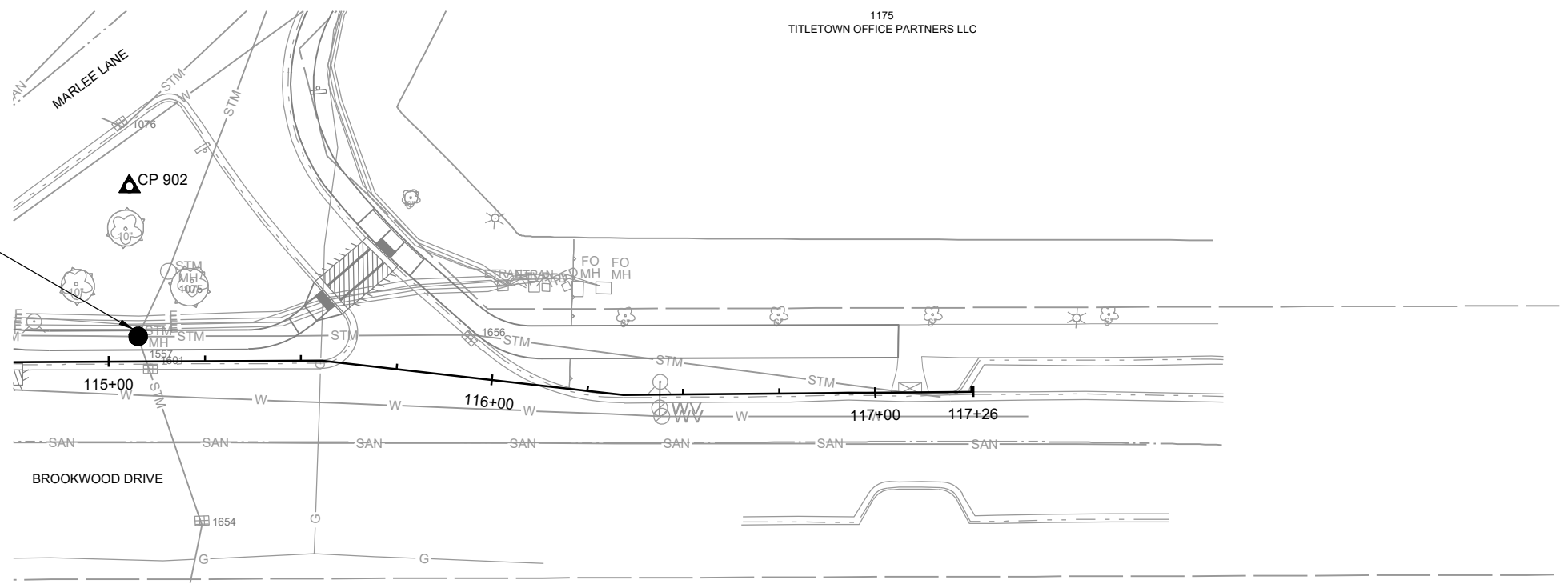
ADJUST EX STM MANHOLE
EX RIM 638.60
PROP RIM 638.06

CATCH BASIN 1 (2'X3')
GRATE TYPE 'L'
STA 113+49 (BC)
TC 637.97
INV 12" (NE) 634.71 (OUTLET)
6 LF OF 12" RCP CLASS IV @ 1.0%

CONNECT TO EX 21" STM
W/ CONCRETE COLLAR
24 LF OF 21" RCP CLASS IV
STA 113+73, 5'LT

1175
TITLETOWN OFFICE PARTNERS LLC

ADJUST EX STM MANHOLE
EX RIM 638.94
PROP RIM 638.89



AA-Standard.snb 2/7/2024 I:\25\Ashwaubenton Village of 56-0121.28 Ashwaubenton Lombardi Access Rd & Brookwood Dr Sidewalk/CADD/SheetPlan/STM - Brookwood Drive.dwg Layout_SS-202

DES BY	AMS	PROJ NO	56-0121.28	NO	1	DATE	2/7/2024	REVISION	ADDENDUM NO 1
DR BY	JWS	DATE	FEBRUARY 2024	NO		DATE		REVISION	
CHK BY	TAH	DATE		NO		DATE		REVISION	

LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON



STORM SEWER - BROOKWOOD DRIVE

SHEET NO.
SS-202

RADIUS POINTS

ALL RADIUS POINTS
ARE TO BACK OF CURB

R1 (30'R)
STA 11+00.98, 50.97'RT
CURB RAMP TYPE 4B1

R2 (180'R)
STA 10+72.08, 159.30'LT

R3 (30'R)
STA 12+98.04, 189.00'RT

LIMITS OF CONSTRUCTION
(TYP)

18" CURB & GUTTER
REPLACEMENT



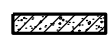
6" PED CURB

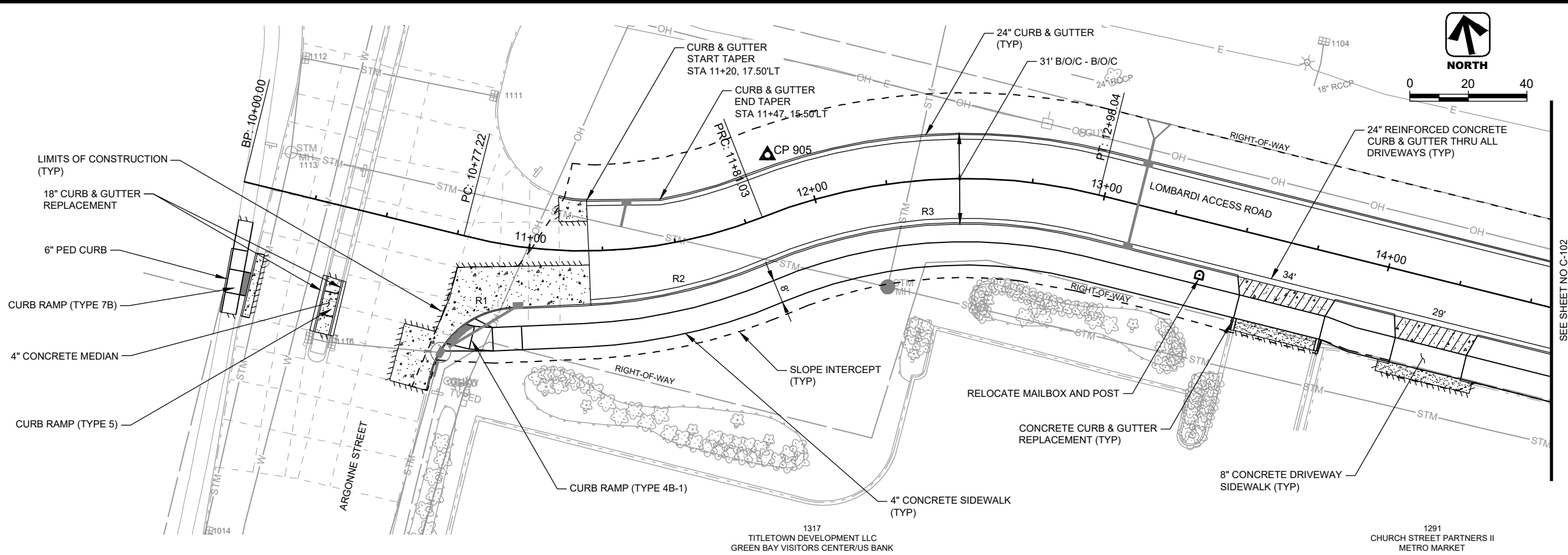
CURB RAMP (TYPE 7B)

4" CONCRETE MEDIAN

CURB RAMP (TYPE 5)

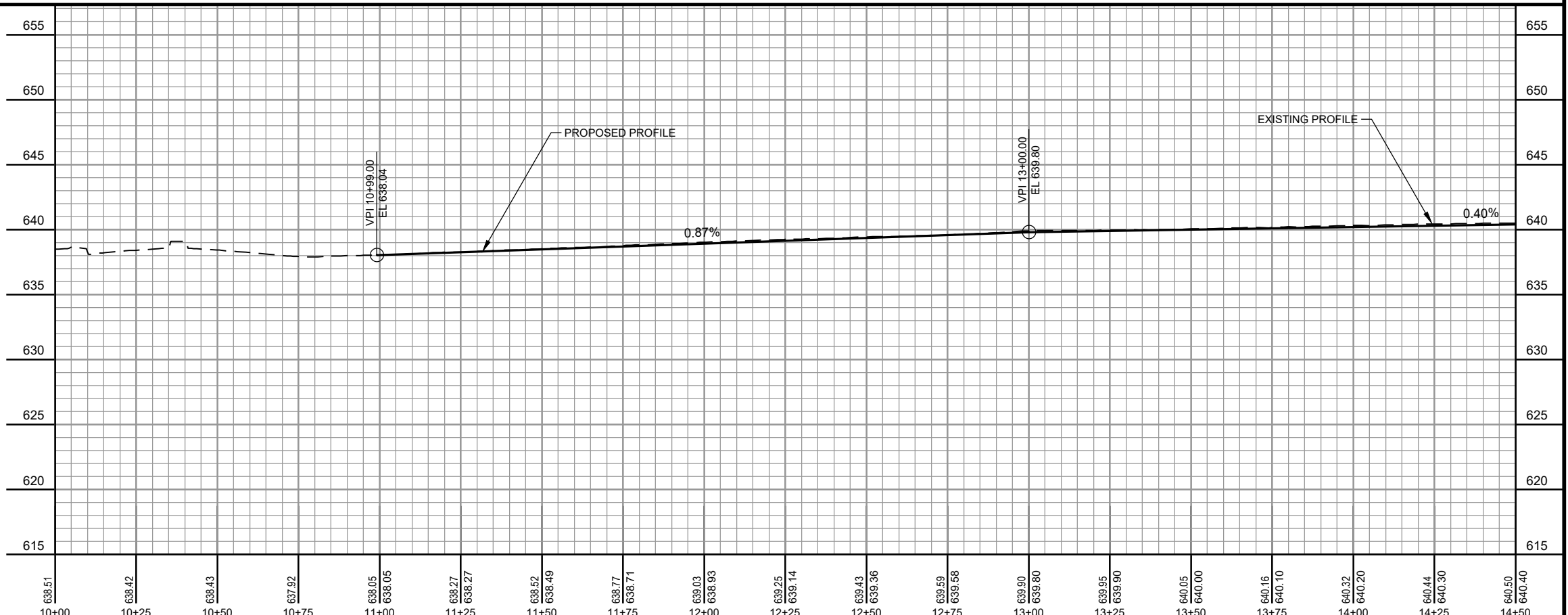
LEGEND

-  ASPHALT SURFACE
DRIVEWAY REPLACEMENT
-  CONCRETE PAVEMENT
REPLACEMENT
-  CONCRETE SURFACE
DRIVEWAY



0 20 40

SEE SHEET NO C-102



AA-Standard.snb 2/7/2024 I:\25\Ashwaubenton Village of 56-0121.28 Ashwaubenton Lombardi Access Rd & Brookwood Dr Sidewalk\CADD\Sheets\Plan\Roadway - Lombardi Access.dwg Layout: C-101

DES BY	AMS	PROJ NO	56-0121.28	NO	DATE	2/7/2024	ADDENDUM NO	1
DR BY	JWS	DATE	FEBRUARY 2024	NO	DATE		REVISION	
CHK BY	TAH	NO		NO	DATE		REVISION	

**LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON**



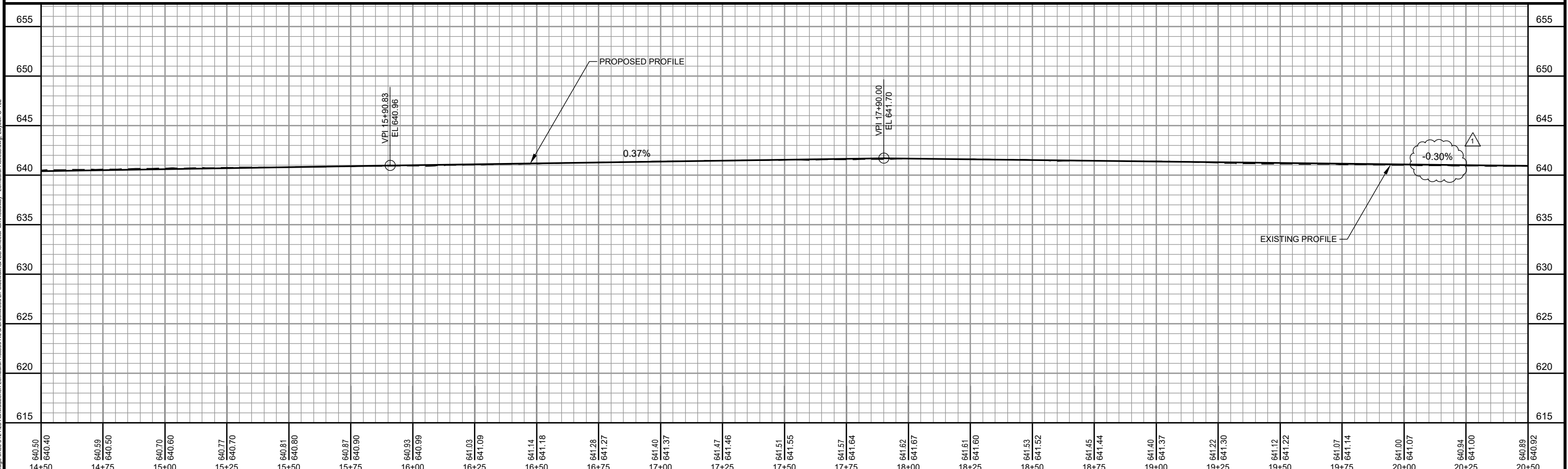
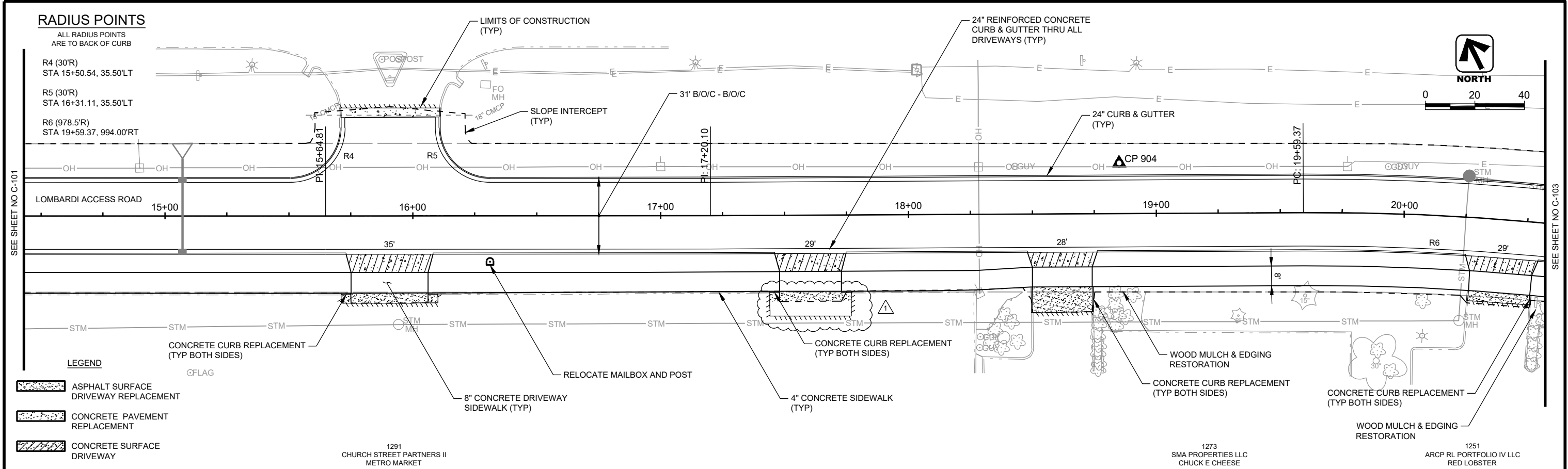
ROADWAY - LOMBARDI ACCESS ROAD

SHEET NO.
C-101

RADIUS POINTS

ALL RADIUS POINTS ARE TO BACK OF CURB

- R4 (30'R)
STA 15+50.54, 35.50'LT
- R5 (30'R)
STA 16+31.11, 35.50'LT
- R6 (978.5'R)
STA 19+59.37, 994.00'RT



DES BY	AMS	PROJ NO	56-0121.28	1		2/7/2024	ADDENDUM NO 1	LOMBARDI ACCESS ROAD IMPROVEMENTS AND BROOKWOOD DRIVE SIDEWALK VILLAGE OF ASHWAUBENON		<p>Green Bay, WI 54115 920.498.1200</p>	ROADWAY - LOMBARDI ACCESS ROAD	SHEET NO.	C-102
DR BY	JWS	DATE	FEBRUARY 2024	NO	DATE	REVISION	NO	DATE	REVISION				

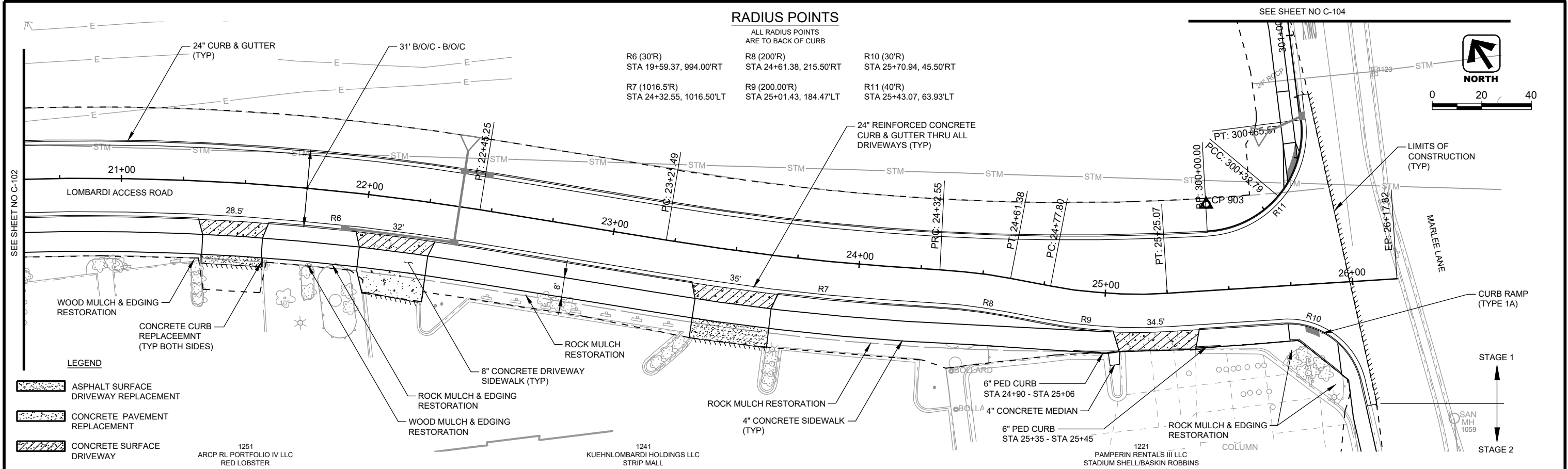
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RADIUS POINTS

ALL RADIUS POINTS ARE TO BACK OF CURB

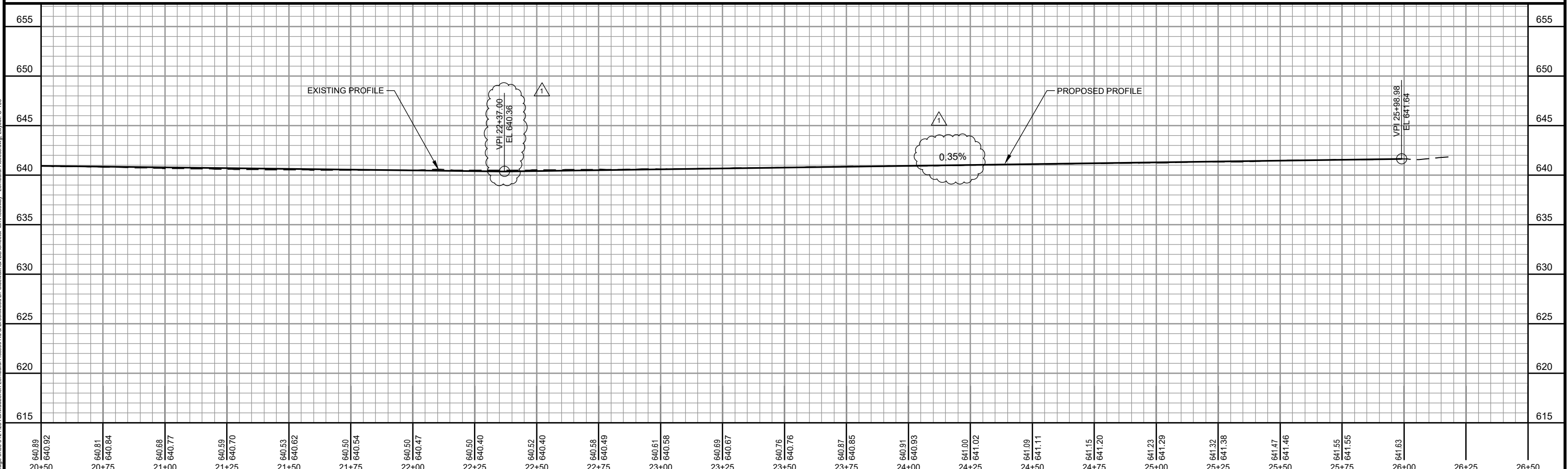
R6 (30'R) STA 19+59.37, 994.00'RT	R8 (200'R) STA 24+61.38, 215.50'RT	R10 (30'R) STA 25+70.94, 45.50'RT
R7 (1016.5'R) STA 24+32.55, 1016.50'LT	R9 (200.00'R) STA 25+01.43, 184.47'LT	R11 (40'R) STA 25+43.07, 63.93'LT

SEE SHEET NO C-104



LEGEND

	ASPHALT SURFACE DRIVEWAY REPLACEMENT
	CONCRETE PAVEMENT REPLACEMENT
	CONCRETE SURFACE DRIVEWAY



DES BY	AMS	PROJ NO	56-0121.28	NO	1	DATE	2/7/2024	REVISION	ADDENDUM NO 1
DR BY	JWS	DATE	FEBRUARY 2024	NO		DATE		REVISION	
CHK BY	TAH	DATE		NO		DATE		REVISION	

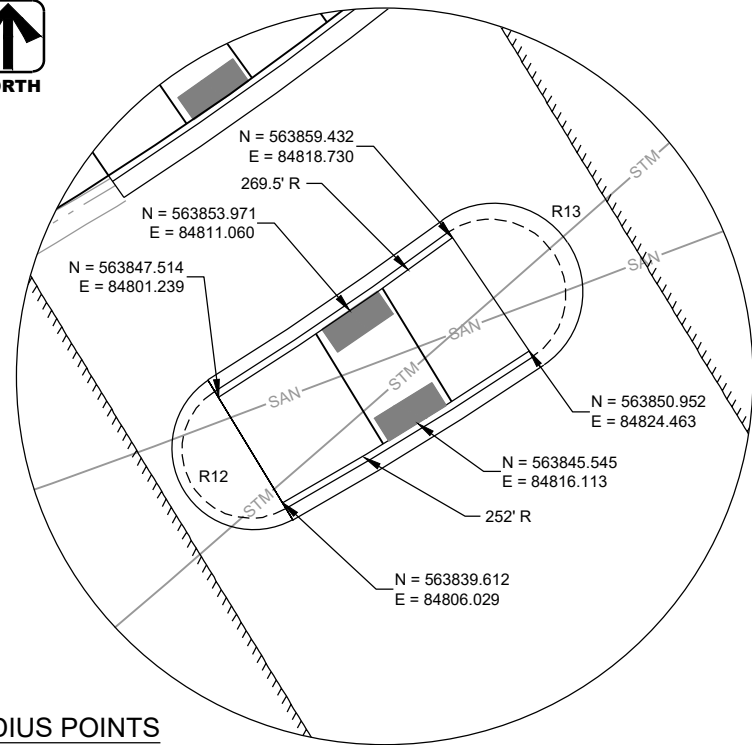
LOMBARDI ACCESS ROAD IMPROVEMENTS AND BROOKWOOD DRIVE SIDEWALK VILLAGE OF ASHWAUBENON



ROADWAY - LOMBARDI ACCESS ROAD

SHEET NO. **C-103**

AA-Standard.snb 2/7/2024 I:\25\Ashwaubenton Village of 56-0121.28 Ashwaubenton Lombardi Access Rd & Brookwood Dr SideWalk\CADD\Sheets\Plan\Roadway - Lombardi Access.dwg Layout: C-103



RADIUS POINTS

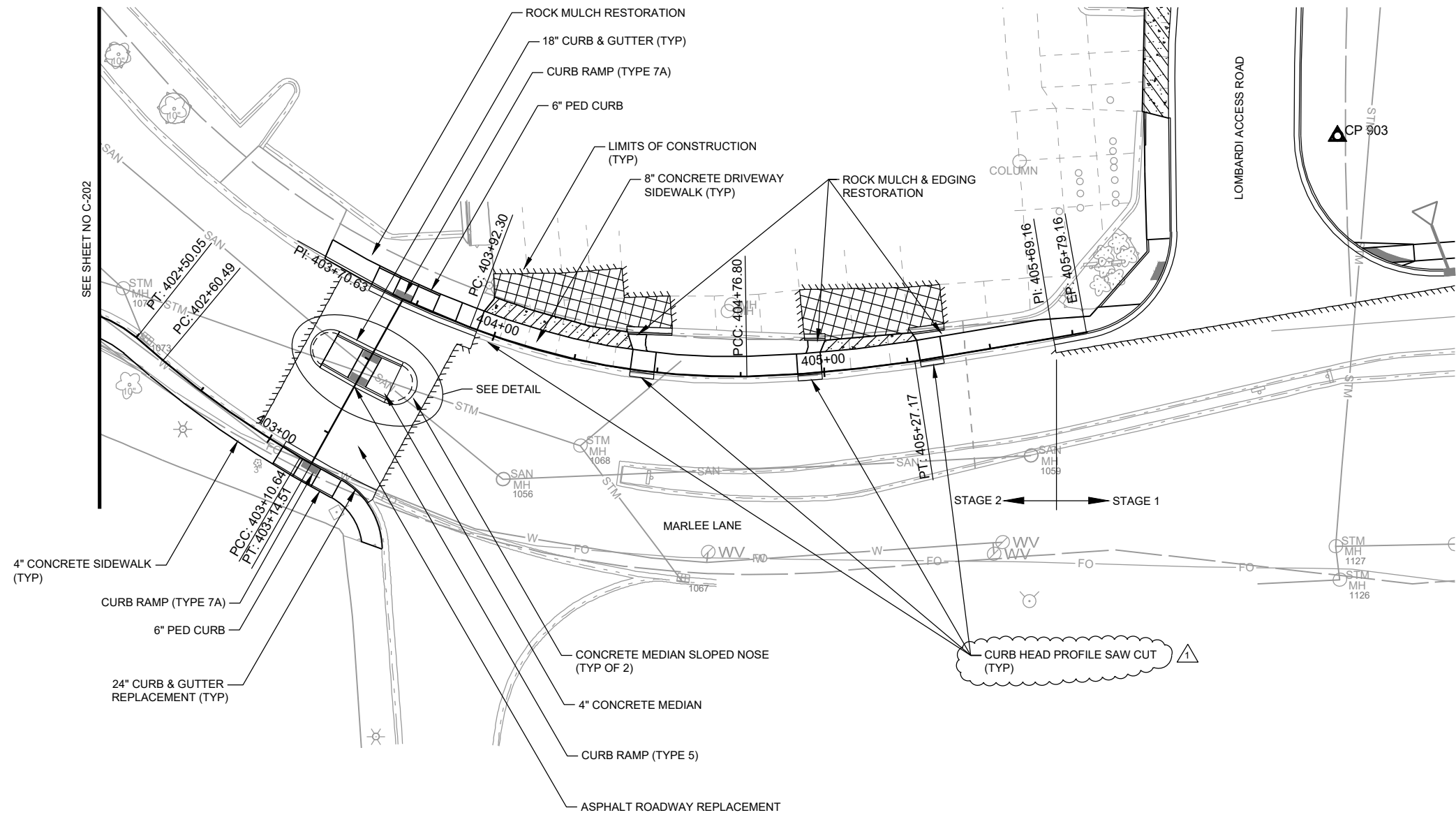
ALL RADIUS POINTS
ARE TO BACK OF CURB

R12 (6.125'R)
STA 403+46.94, 11.50'LT

R13 (6.60'R)
STA 403+47.69, 9.98'RT

DETAIL

NTS



LEGEND

- ASPHALT SURFACE DRIVEWAY REPLACEMENT
- GAS STATION CONCRETE PAVEMENT REPLACEMENT
- CONCRETE SURFACE DRIVEWAY

AA-Standard.snb
2/7/2024
I:\25\Ashwaubenton Village of 56-0121.28 Ashwaubenton Lombardi Access Rd & Brookwood Dr Sidewalk CAD Sheets\Plan\Roadway - Lombardi Access.dwg, Layout: C-104

DES BY	AMS	PROJ NO	56-0121.28	1	2/7/2024	ADDENDUM NO 1				
DR BY	JWS	DATE	FEBRUARY 2024	NO	DATE	REVISION	NO	DATE	REVISION	
CHK BY	TAH									

**LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON**



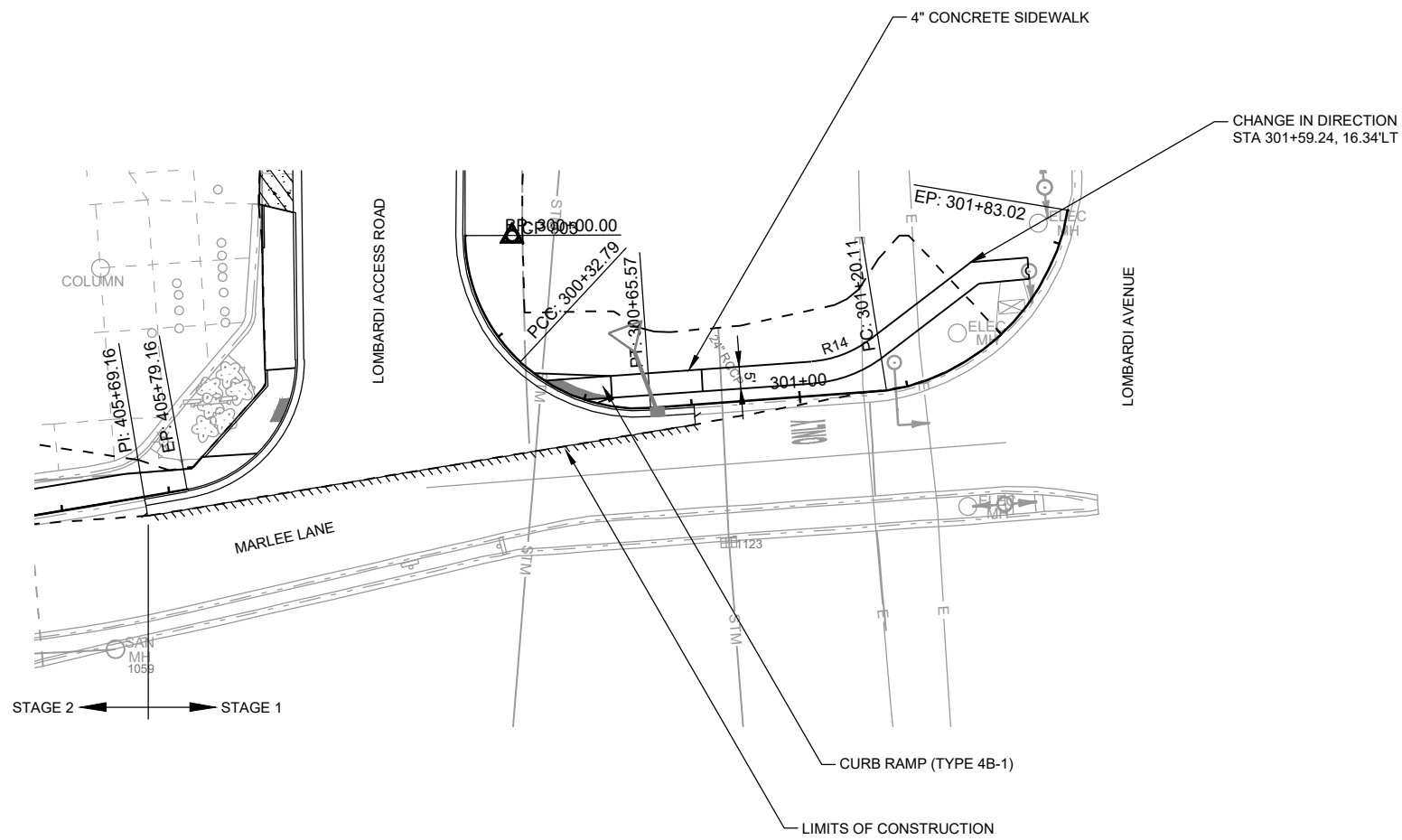
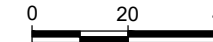
ROADWAY - MARLEE LANE

SHEET NO.

C-104



NORTH



RADIUS POINTS

ALL RADIUS POINTS ARE TO BACK OF CURB

R14 (25'R)
STA 301+08.33, 32.91'LT

AA-Standard.snb
2/7/2024
I:\25\Ashwaubenton Village of 56-0121.28 Ashwaubenton Lombardi Access Rd & Brookwood Dr Sidewalk\CADD\SheetPlan\Roadway - Lombardi Access.dwg, Layout: C-105

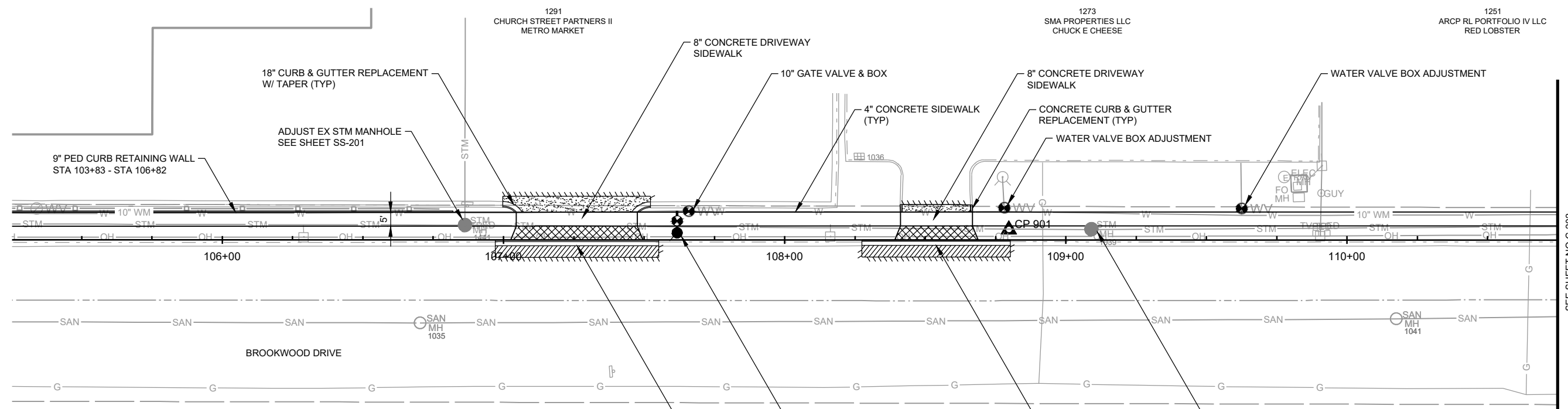
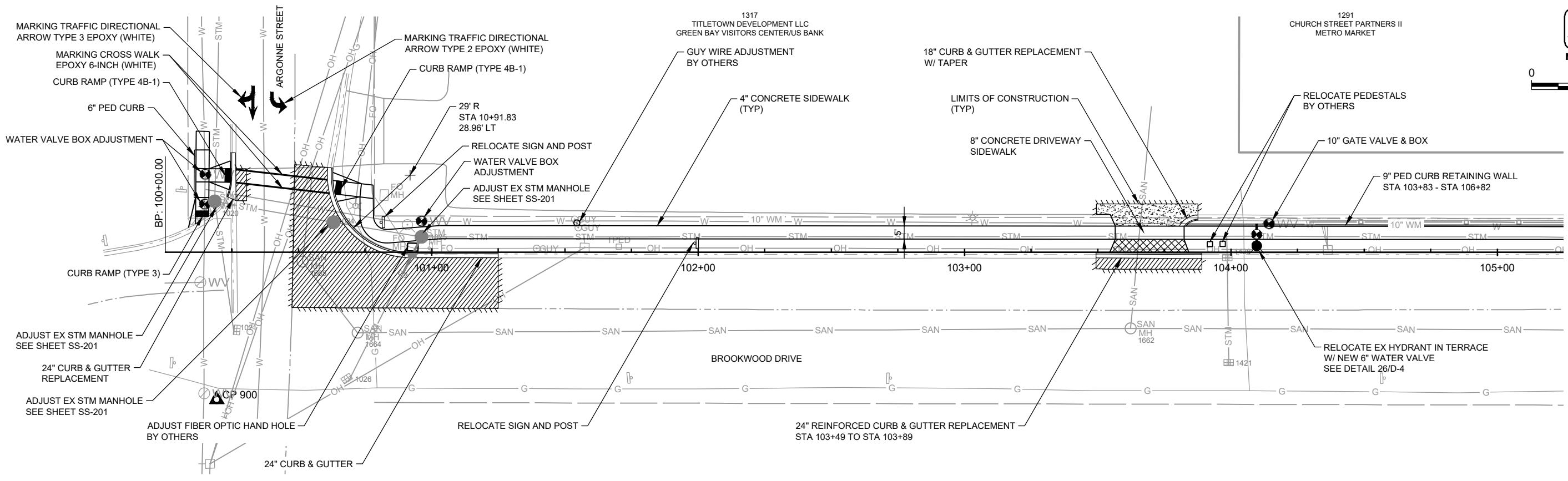
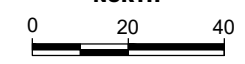
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DR BY	JWS	PROJ NO	56-0121.28				
CHK BY	TAH	DATE	FEBRUARY 2024	NO	2/7/2024	ADDENDUM NO 1	
				NO	DATE	REVISION	
				NO	DATE	REVISION	

**LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON**



ROADWAY - MARLEE LANE

SHEET NO.
C-105



LEGEND

	ASPHALT DRIVEWAY RESTORATION
	CONCRETE DRIVEWAY RESTORATION
	ASPHALT ROADWAY RESTORATION

DES BY	AMS	PROJ NO	56-0121.28	1	2/7/2024	ADDENDUM NO 1
DR BY	JWS	DATE	FEBRUARY 2024	NO	DATE	REVISION
CHK BY	TAH	NO		NO	DATE	REVISION

**LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON**



SIDEWALK - BROOKWOOD DRIVE

SHEET NO.
C-201

AA-Standard.snb
2/7/2024
I:\25\Ashwaubenton Village of 56-0121.28 Ashwaubenton Lombardi Access Rd & Brookwood Dr Sidewalk\CAD\Sheets\Plan\Roadway - Brookwood Drive.dwg, Layout: C-201

SEE SHEET NO C-202

1241
KUEHNLOMBARDI HOLDINGS LLC

MARKING STOP LINE
EPOXY 18-INCH (WHITE)



0 20 40

8" CONCRETE DRIVEWAY
SIDEWALK

LIMITS OF CONSTRUCTION
(TYP)

4" CONCRETE SIDEWALK
(TYP)

RELOCATE SIGN AND POST

RELOCATE BUSINESS SIGN AND POST

10" GATE VALVE & BOX

CONCRETE CURB & GUTTER
REPLACEMENT (TYP)

6" PED CURB WALL
STA 112+12 - STA 113+50

RELOCATE SIGN AND POST

RELOCATE EX HYDRANT IN TERRACE
W/ NEW 6" WATER VALVE
SEE DETAIL 26/D-4

WATER VALVE BOX ADJUSTMENT

8" CONCRETE DRIVEWAY
SIDEWALK

CURB RAMP (TYPE 4B-1)

29.5' R
STA 113+46.45
29.56' LT

ADJUST FIBER OPTIC HAND HOLE
BY OTHERS

RELOCATE SIGN AND POST

RELOCATE SIGN AND POST

9' R
STA 114+79.09
8.78' LT

SEE SHEET NO C-201

111+00

112+00

113+00

114+00

114+65.07

STM MANHOLE #2
SEE SHEET SS-202

CURB RAMP (TYPE 4B-1)

BROOKWOOD DRIVE

RELOCATE SIGN
AND POST

RELOCATE PEDESTAL
BY OTHERS

MARKING CROSS WALK
EPOXY 6-INCH (WHITE)

RELOCATE EXISTING LIGHT POLE
BY OTHERS

24" REINFORCED CURB & GUTTER REPLACEMENT
STA 111+11 TO STA 111+48

RELOCATE PEDESTAL
BY OTHERS

24" REINFORCED CURB & GUTTER REPLACEMENT
STA 111+66 TO STA 112+21

ADJUST EX STM MANHOLE
SEE SHEET SS-202

STM MANHOLE #1
SEE SHEET SS-202

SEE SHEET NO C-105

1175
TITLETOWN OFFICE PARTNERS LLC

4" CONCRETE SIDEWALK
(TYP)

LIMITS OF CONSTRUCTION
(TYP)

24" CURB & GUTTER REPLACEMENT
(TYP)

CURB RAMP (TYPE 7A)

6" PED CURB WALL

ADJUST EX STM MANHOLE
SEE SHEET SS-202

CP 902

PI: 115+55.30

FO 116+34.33

EP: 117+25.54

115+00

116+00

117+00

BROOKWOOD DRIVE

MARKING CROSS WALK
EPOXY 6-INCH (WHITE)

CURB RAMP (TYPE 4B-1)

LEGEND

- ASPHALT DRIVEWAY RESTORATION
- CONCRETE DRIVEWAY RESTORATION
- ASPHALT ROADWAY RESTORATION

DES BY	AMS								
DR BY	JWS	PROJ NO	56-0121.28	1	2/7/2024	ADDENDUM NO 1			
CHK BY	TAH	DATE	FEBRUARY 2024	NO	DATE	REVISION	NO	DATE	REVISION

LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON

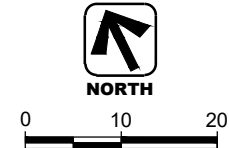
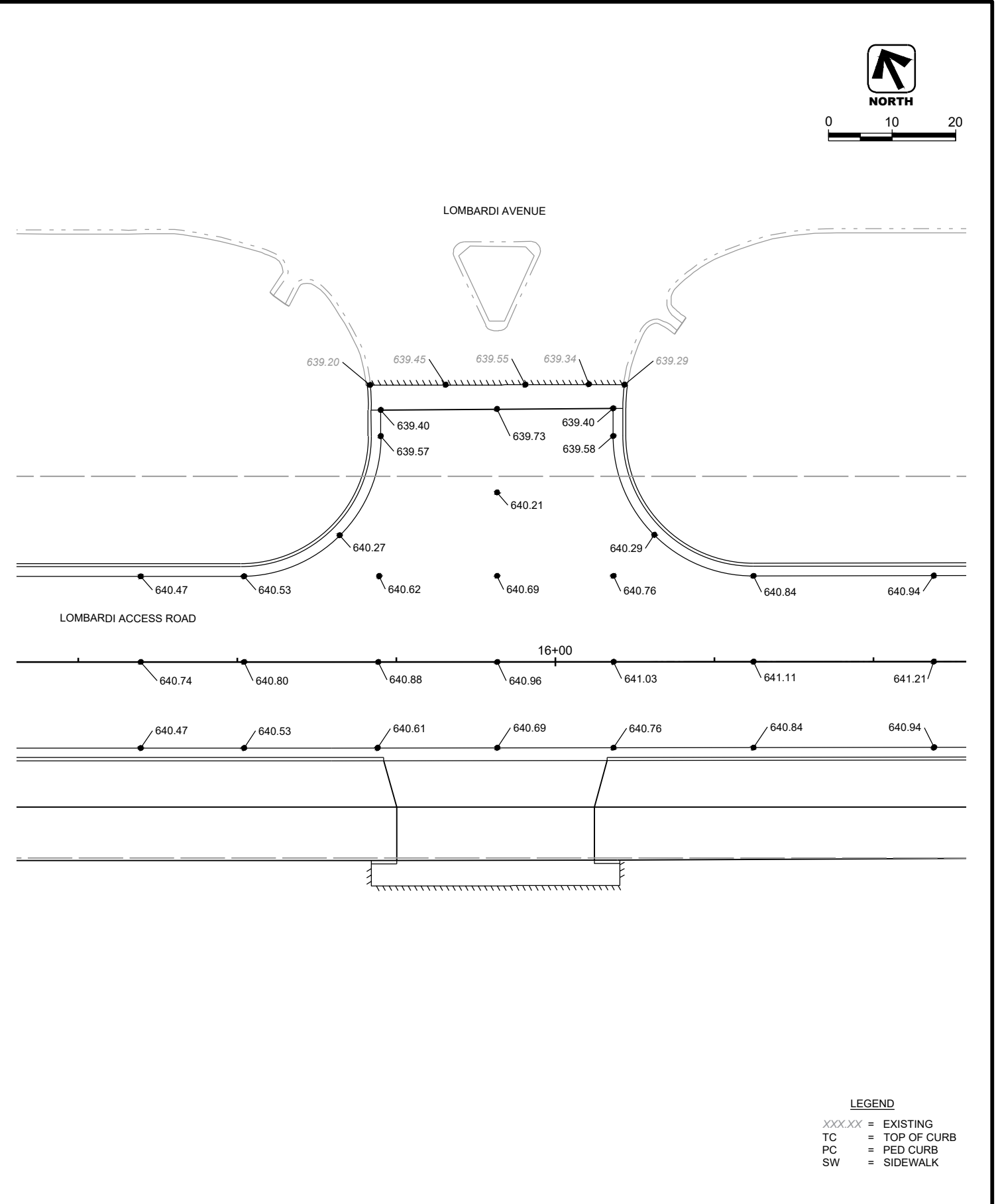
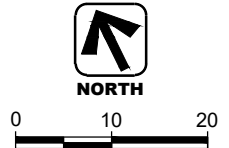
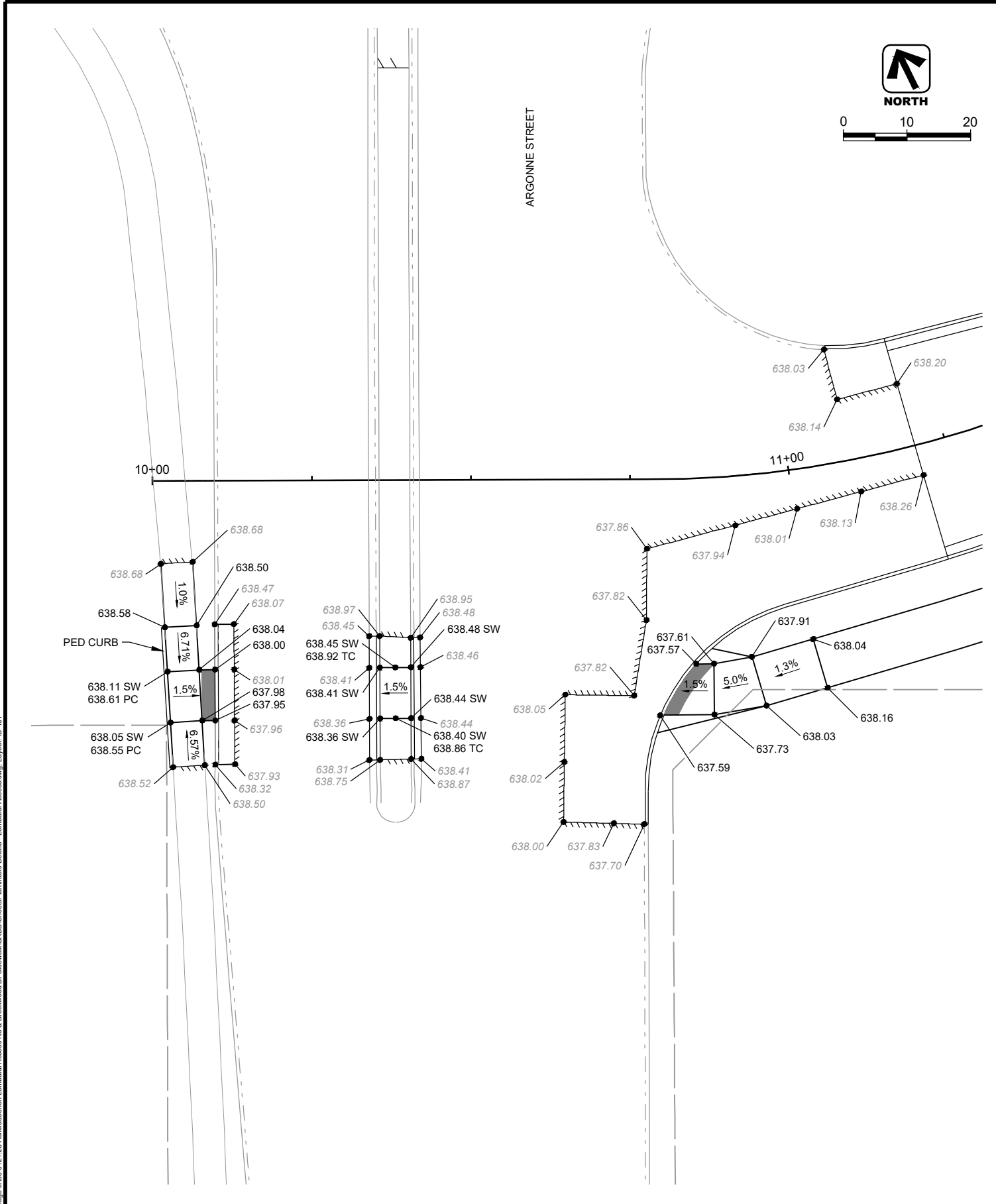


SIDEWALK - BROOKWOOD DRIVE

SHEET NO.
C-202

AA-Standard.sbf
2/7/2024
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AA-Standard.snb
2/7/2024
I:\25\Ashwaubenton Village of 56-0121.28 Ashwaubenton Lombardi Access Rd & Brookwood Dr Sidewalk\CAD\SheetPlan\Inters Details - Lombardi Access.dwg Layout: ID-101



LEGEND
 XXX.XX = EXISTING
 TC = TOP OF CURB
 PC = PED CURB
 SW = SIDEWALK

DES BY	AMS								
DR BY	JWS	PROJ NO	56-0121.28	1	2/7/2024	ADDENDUM NO 1			
CHK BY	TAH	DATE	FEBRUARY 2024	NO	DATE	REVISION	NO	DATE	REVISION

**LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON**

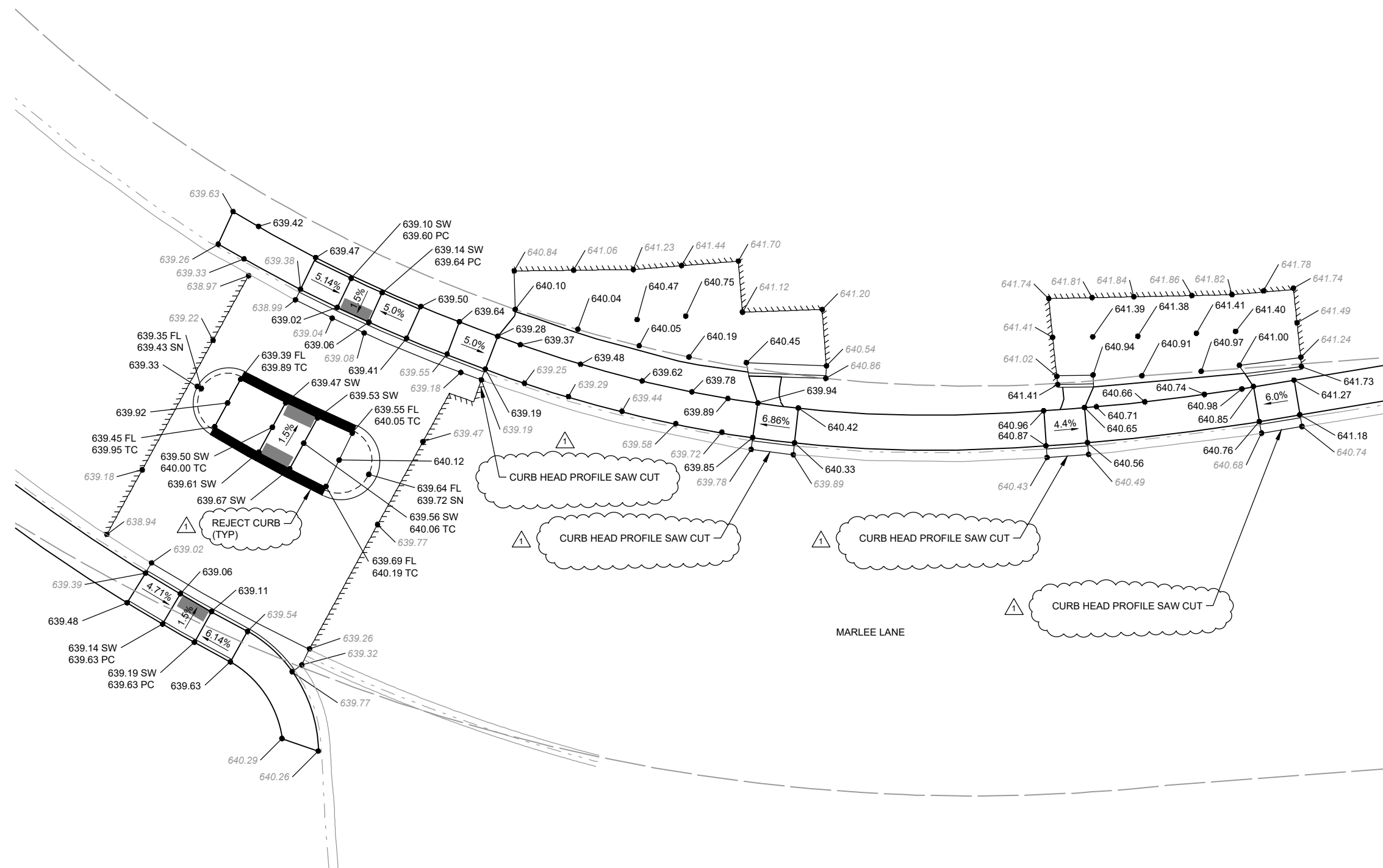
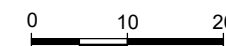


INTERSECTION DETAILS - LOMBARDI ACCESS ROAD

SHEET NO.
ID-101



NORTH



LEGEND

- XXX.XX = EXISTING
- TC = TOP OF CURB
- PC = PED CURB
- SW = SIDEWALK
- HP = HIGH POINT
- FL = FLOW LINE
- SN = SLOPE NOSE

AA-Standard.sdb
 2/7/2024
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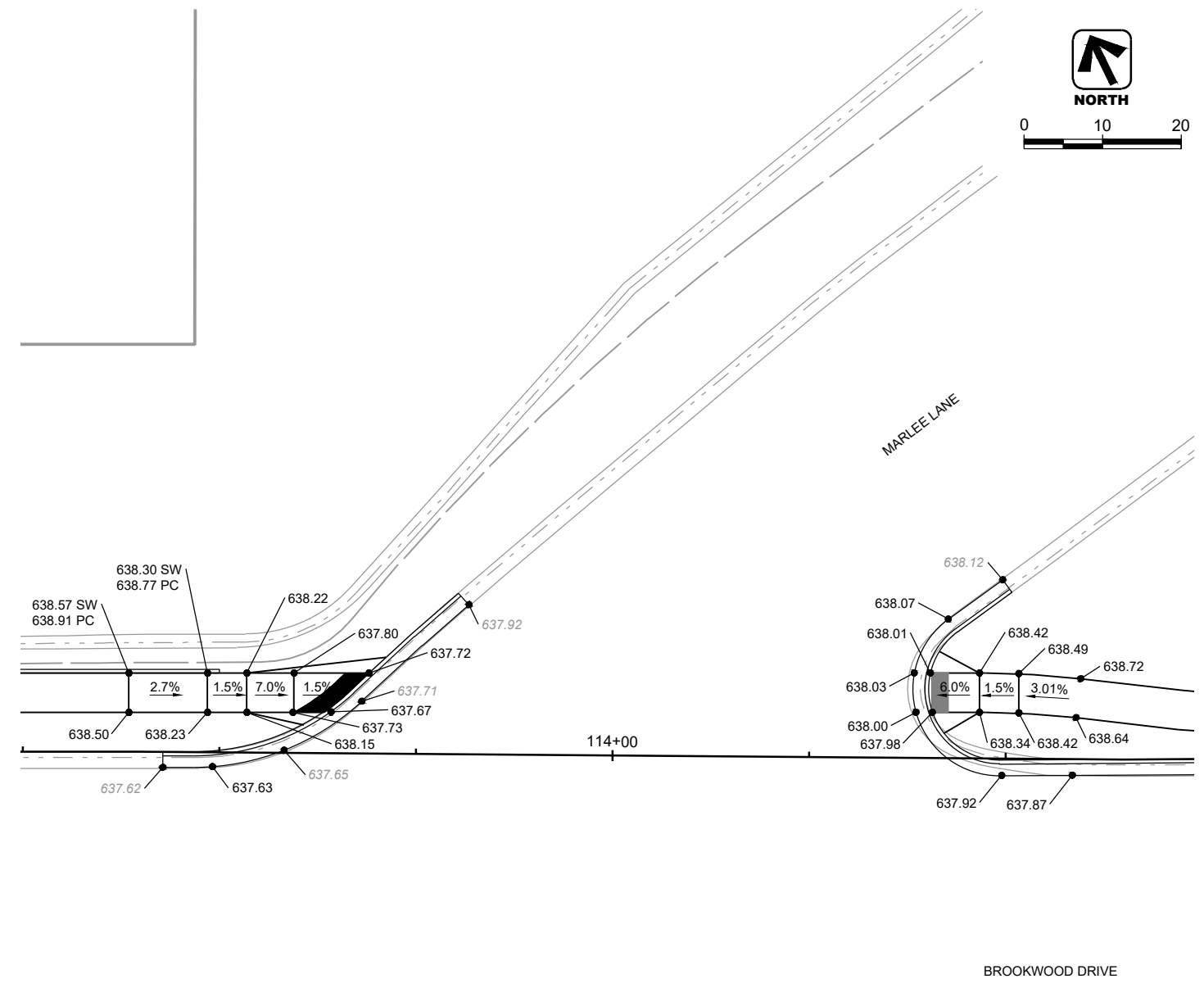
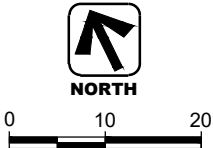
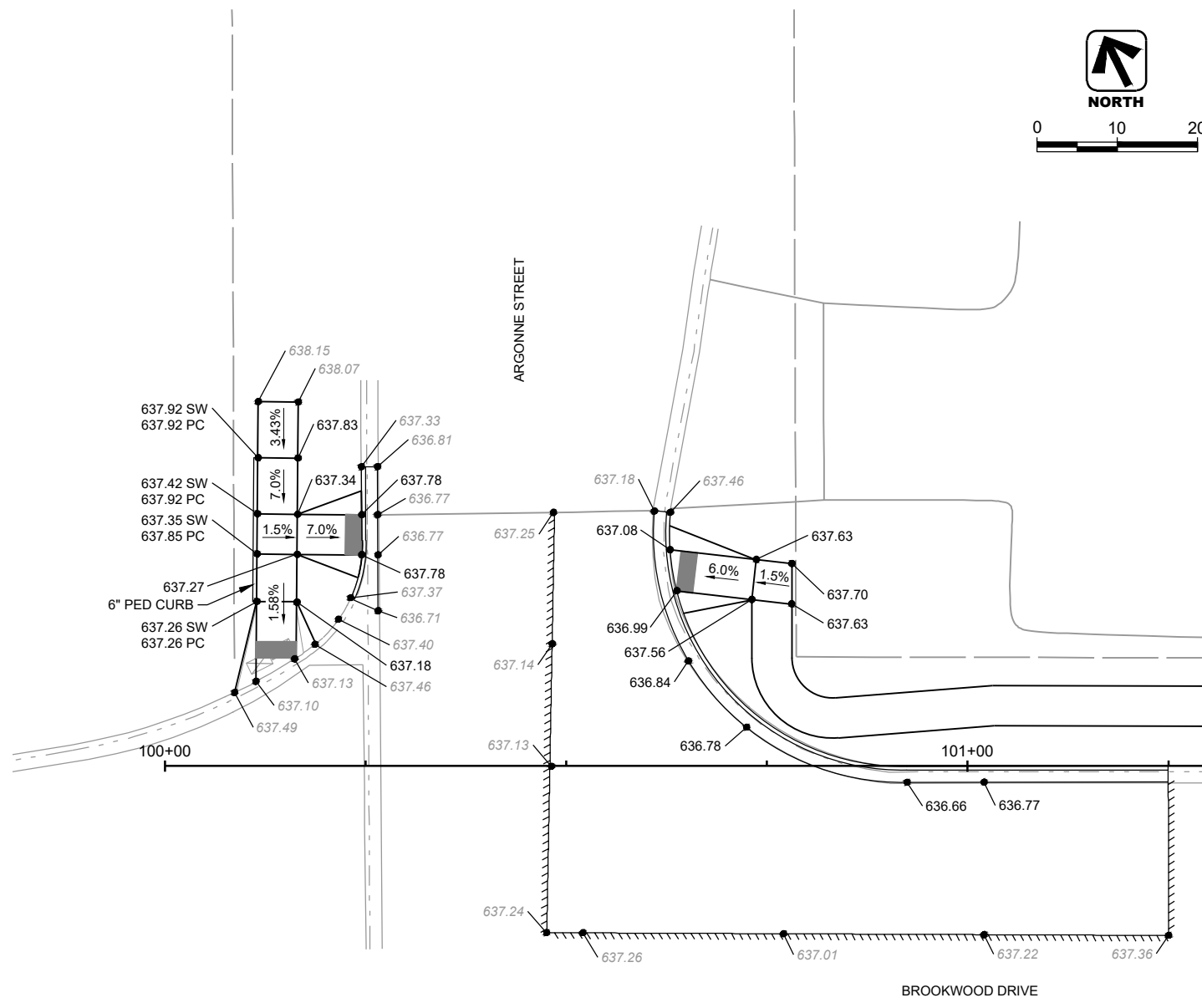
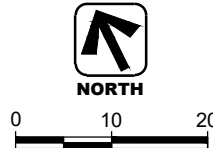
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DR BY	JWS	DATE	FEBRUARY 2024										
CHK BY	TAH												

**LOMBARDI ACCESS ROAD IMPROVEMENTS
 AND BROOKWOOD DRIVE SIDEWALK
 VILLAGE OF ASHWAUBENON**



INTERSECTION DETAILS - MARLEE LANE

SHEET NO.
ID-102



- LEGEND**
- XXX.XX = EXISTING
 - TC = TOP OF CURB
 - PC = PED CURB
 - SW = SIDEWALK
 - HP = HIGH POINT
 - FL = FLOW LINE

AA-Standard.snb
2/7/2024
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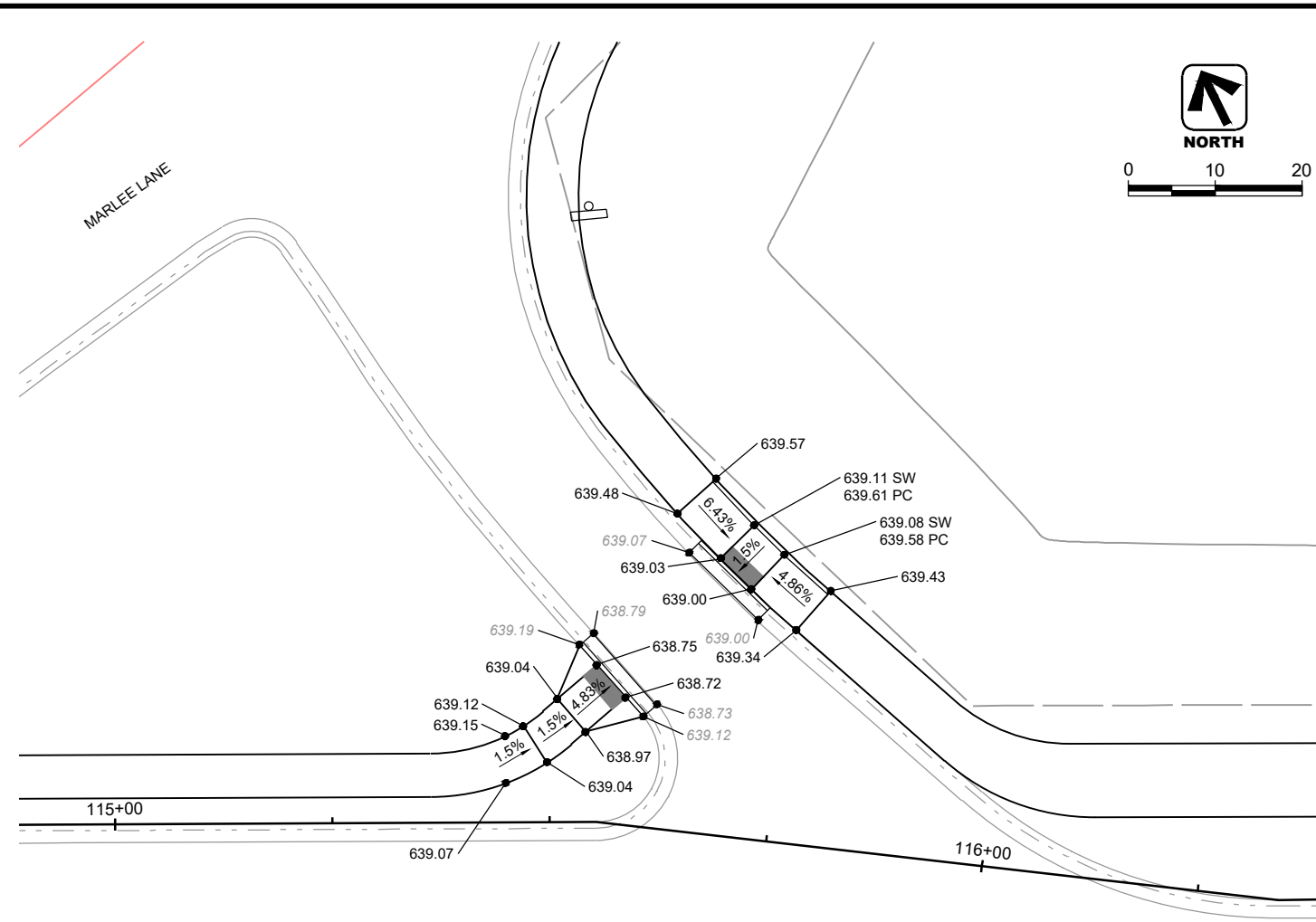
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DR BY	JWS	56-0121.28	1	2/7/2024	ADDENDUM NO 1				
CHK BY	TAH	DATE	NO	DATE	REVISION	NO	DATE	REVISION	
		FEBRUARY 2024							

**LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON**



INTERSECTION DETAILS - BROOKWOOD DRIVE

SHEET NO.
ID-201



BROOKWOOD DRIVE

LEGEND

- XXXX.XX = EXISTING
- TC = TOP OF CURB
- PC = PED CURB
- SW = SIDEWALK
- HP = HIGH POINT
- FL = FLOW LINE

AA-Standard.snb
2/7/2024
I:\25\Ashwaubenon Village of 56-0121.28 Ashwaubenon Lombardi Access Rd & Brookwood Dr Sidewalk\CADD\SheetPlan\Inters Details - Brookwood Drive.dwg, Layout: ID-202

DES BY	AMS								
DR BY	JWS	PROJ NO	56-0121.28						
CHK BY	TAH	DATE	FEBRUARY 2024	NO	2/7/2024	ADDENDUM NO 1			
				NO	DATE	REVISION		NO	DATE

LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON

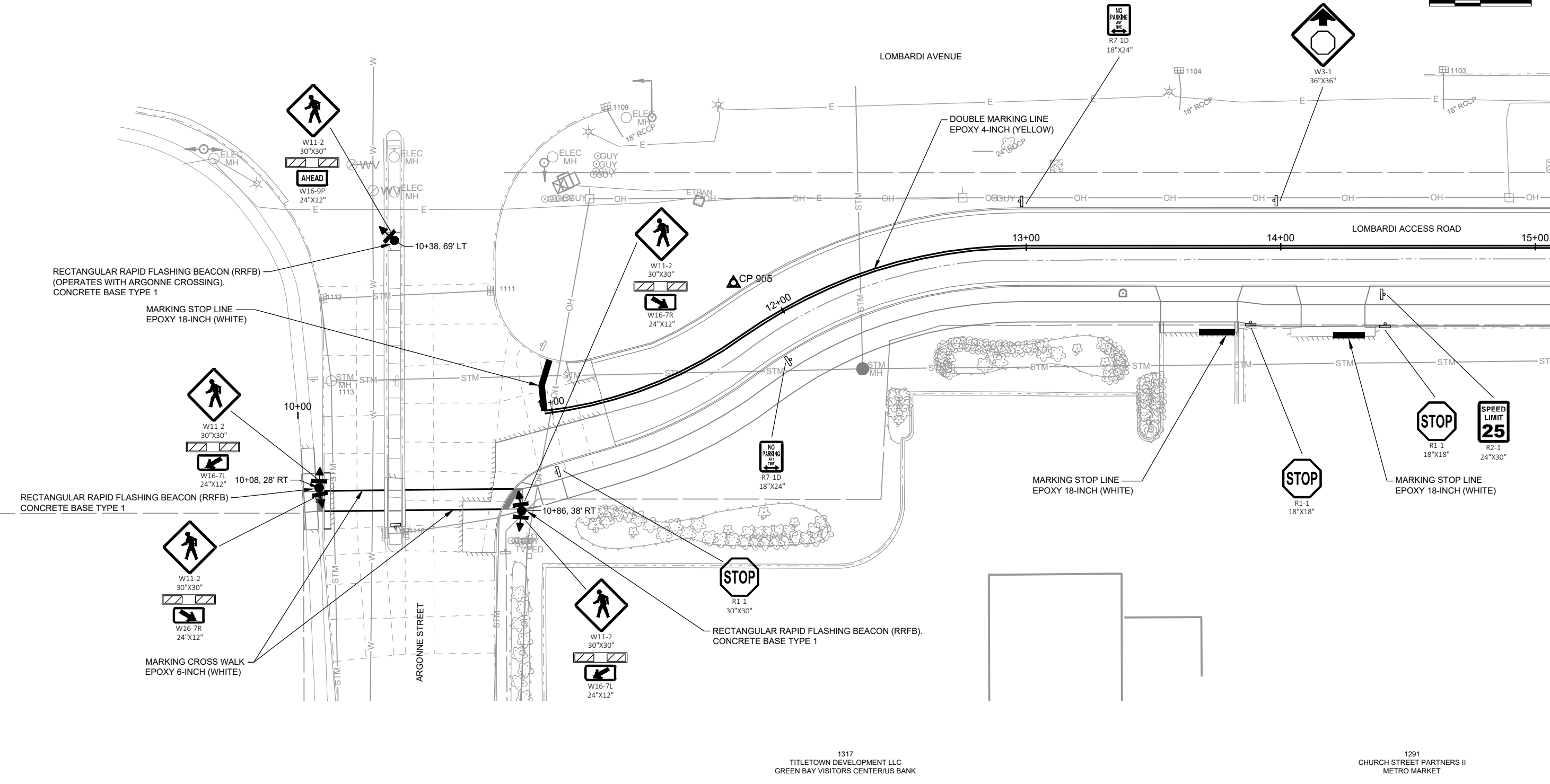


INTERSECTION DETAILS - BROOKWOOD DRIVE

SHEET NO.
ID-202



0 20 40



RECTANGULAR RAPID FLASHING BEACON (RRFB)
(OPERATES WITH ARGONNE CROSSING).
CONCRETE BASE TYPE 1

MARKING STOP LINE
EPOXY 18-INCH (WHITE)

RECTANGULAR RAPID FLASHING BEACON (RRFB)
CONCRETE BASE TYPE 1

MARKING CROSS WALK
EPOXY 6-INCH (WHITE)

RECTANGULAR RAPID FLASHING BEACON (RRFB).
CONCRETE BASE TYPE 1

MARKING STOP LINE
EPOXY 18-INCH (WHITE)

MARKING STOP LINE
EPOXY 18-INCH (WHITE)

DOUBLE MARKING LINE
EPOXY 4-INCH (YELLOW)

AA-Standard.sdb
2/7/2024
I:\25\Ashwaubenton Village of 56-0121.28 Ashwaubenton Lombardi Access Rd & Brookwood Dr Sidewalk\CAD\SheetPlan\PM-101.dwg - Lombardi Access.dwg - Layout: PM-101

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CHK BY	TAH	DATE	FEBRUARY 2024	NO	DATE	REVISION	NO	DATE	REVISION
				1	2/7/2024	ADDENDUM NO 1			

LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON



PAVEMENT MARKING AND SIGNING PLAN
LOMBARDI ACCESS ROAD

SHEET NO.
PM-101

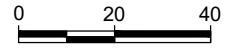
SEE SHEET NO PM-102

1317
TITLETOWN DEVELOPMENT LLC
GREEN BAY VISITORS CENTER/US BANK

1291
CHURCH STREET PARTNERS II
METRO MARKET



NORTH

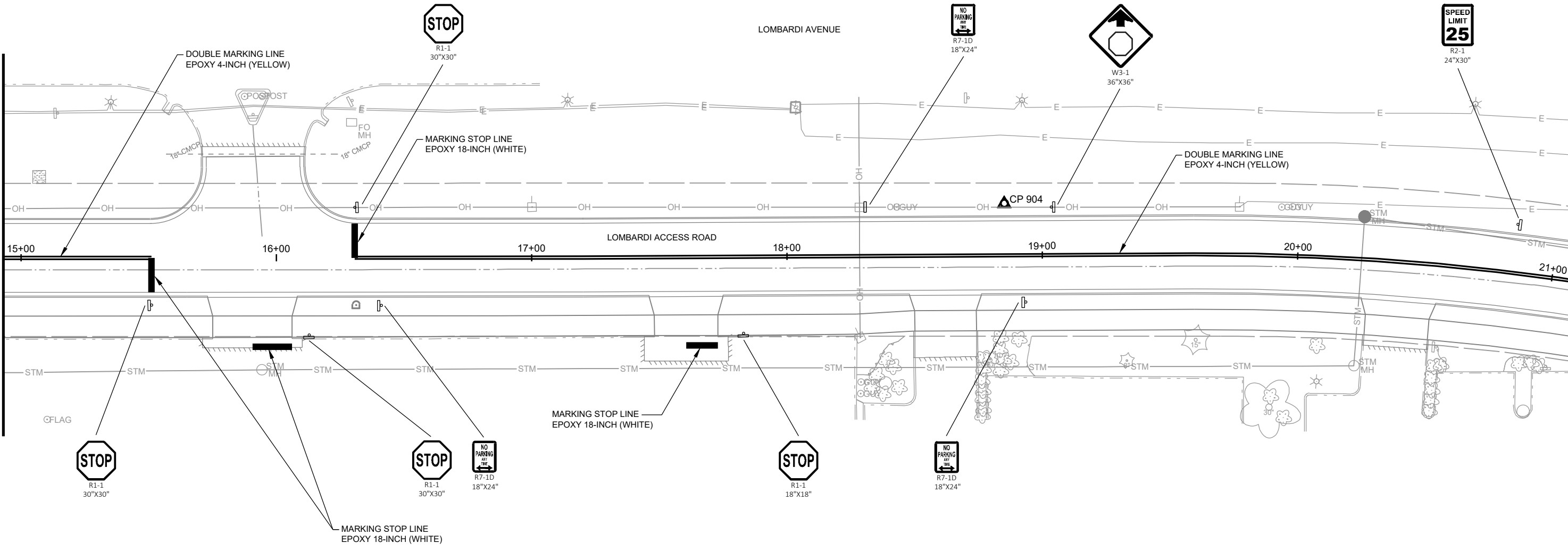


LOMBARDI AVENUE

LOMBARDI ACCESS ROAD

SEE SHEET NO PM-101

SEE SHEET NO PM-103



1291
CHURCH STREET PARTNERS II
METRO MARKET

1273
SMA PROPERTIES LLC
CHUCK E CHEESE

1251
ARCP RL PORTFOLIO IV LLC
RED LOBSTER

DES BY	AMS						
DR BY	JWS	PROJ NO	56-0121.28				
CHK BY	TAH	DATE	FEBRUARY 2024	NO	DATE	REVISION	
				1	2/7/2024	ADDENDUM NO 1	

LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON



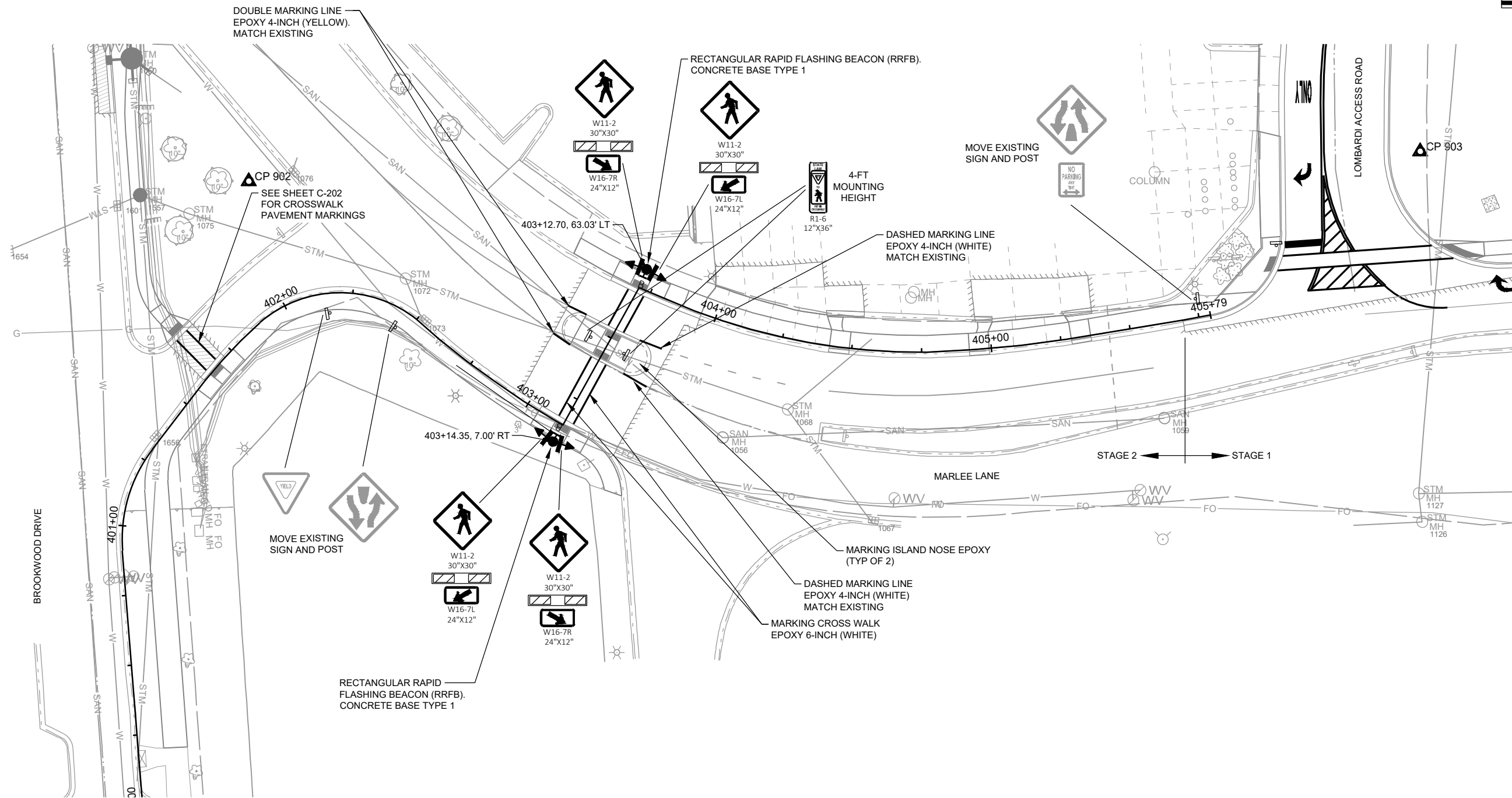
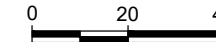
PAVEMENT MARKING AND SIGNING PLAN
LOMBARDI ACCESS ROAD

SHEET NO.
PM-102

AA-Standard.sbb
2/7/2024
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NORTH



AA-Standard.snb
2/7/2024
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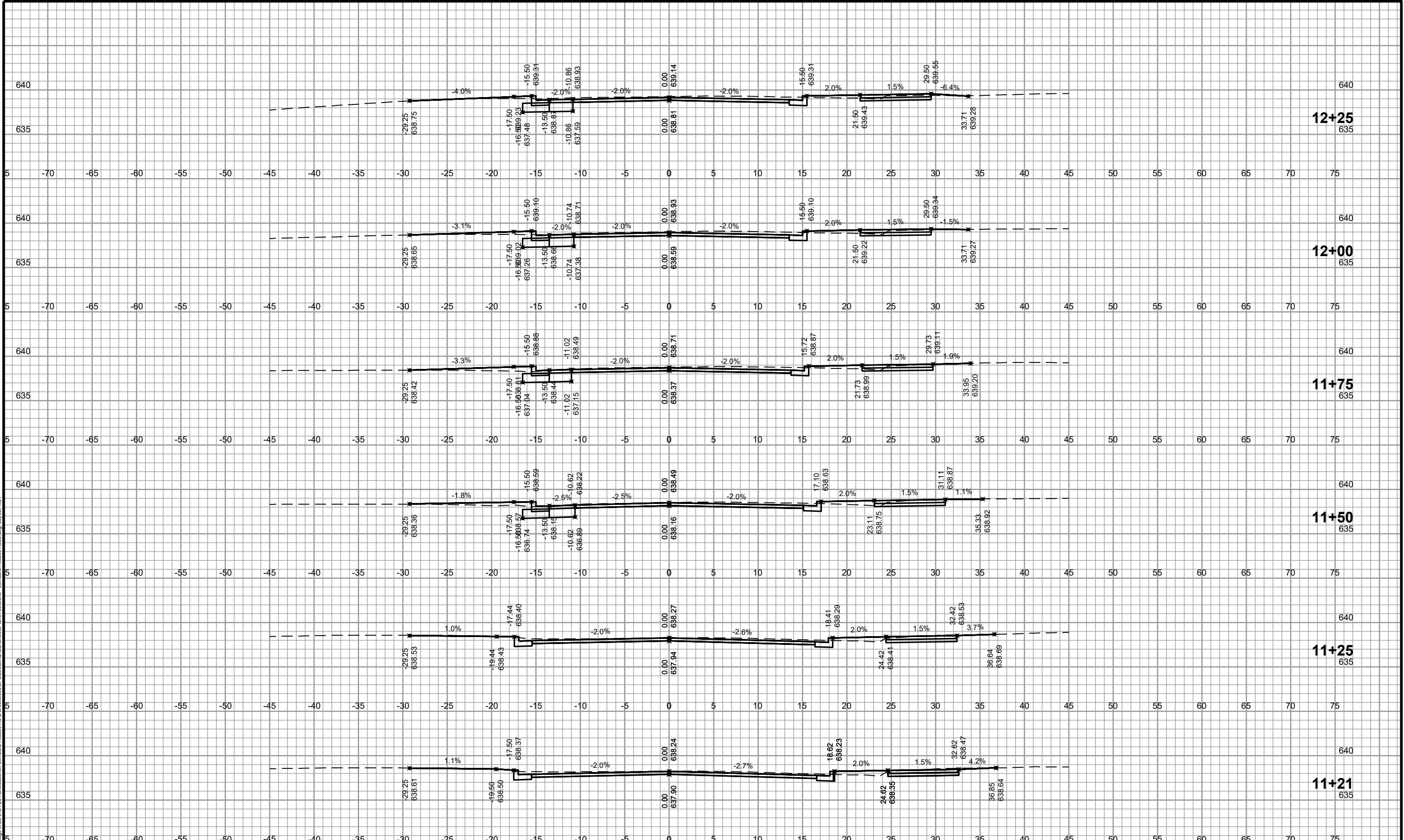
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DR BY	JWS	DATE	FEBRUARY 2024	NO	DATE	REVISION	NO	DATE	REVISION
CHK BY	TAH								

LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON



PAVEMENT MARKING AND SIGNING PLAN
MARLEE LANE

SHEET NO.
PM-104



AA-Standard.dwg
2/7/2024
I:\25\Ashwaubenton Village of 56-0121.28 Ashwaubenton Lombardi Access Rd & Brookwood Dr Sidewalk CAD\Sheets\Plan\X Sections - Lombardi Access Road.dwg Layout.XST

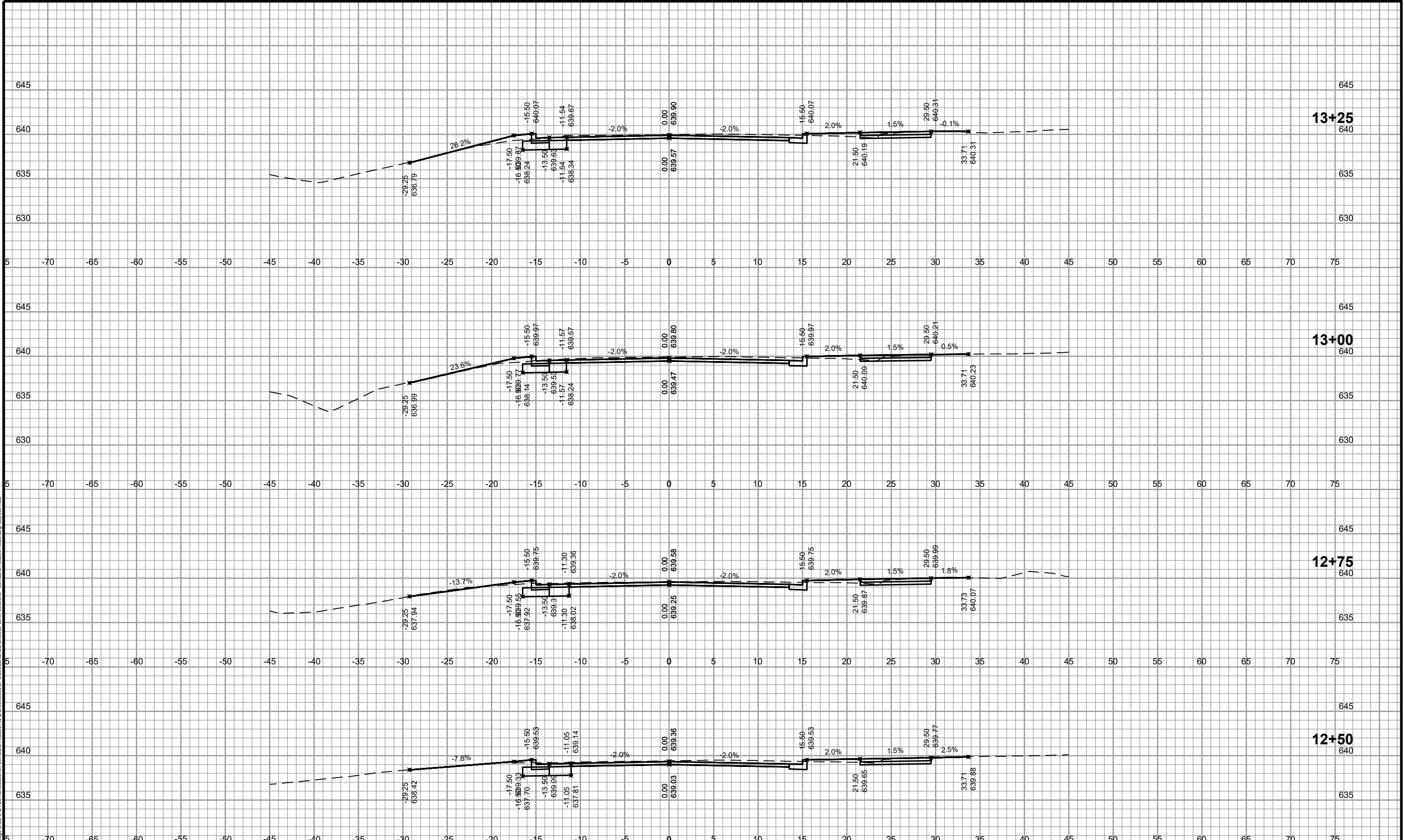
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DR BY	JWS	56-0121.28	1	2/7/2024	ADDENDUM NO 1				
CHK BY	TAH	DATE							
		FEBRUARY 2024							

**LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON**



CROSS SECTIONS - LOMBARDI ACCESS ROAD

SHEET NO.
X-101



DES BY	AMS	PROJ NO	56-0121.28	1	2/7/2024	ADDENDUM NO 1
DR BY	JWS	DATE	FEBRUARY 2024	NO	DATE	REVISION
CHK BY	TAH	NO	DATE	NO	DATE	REVISION

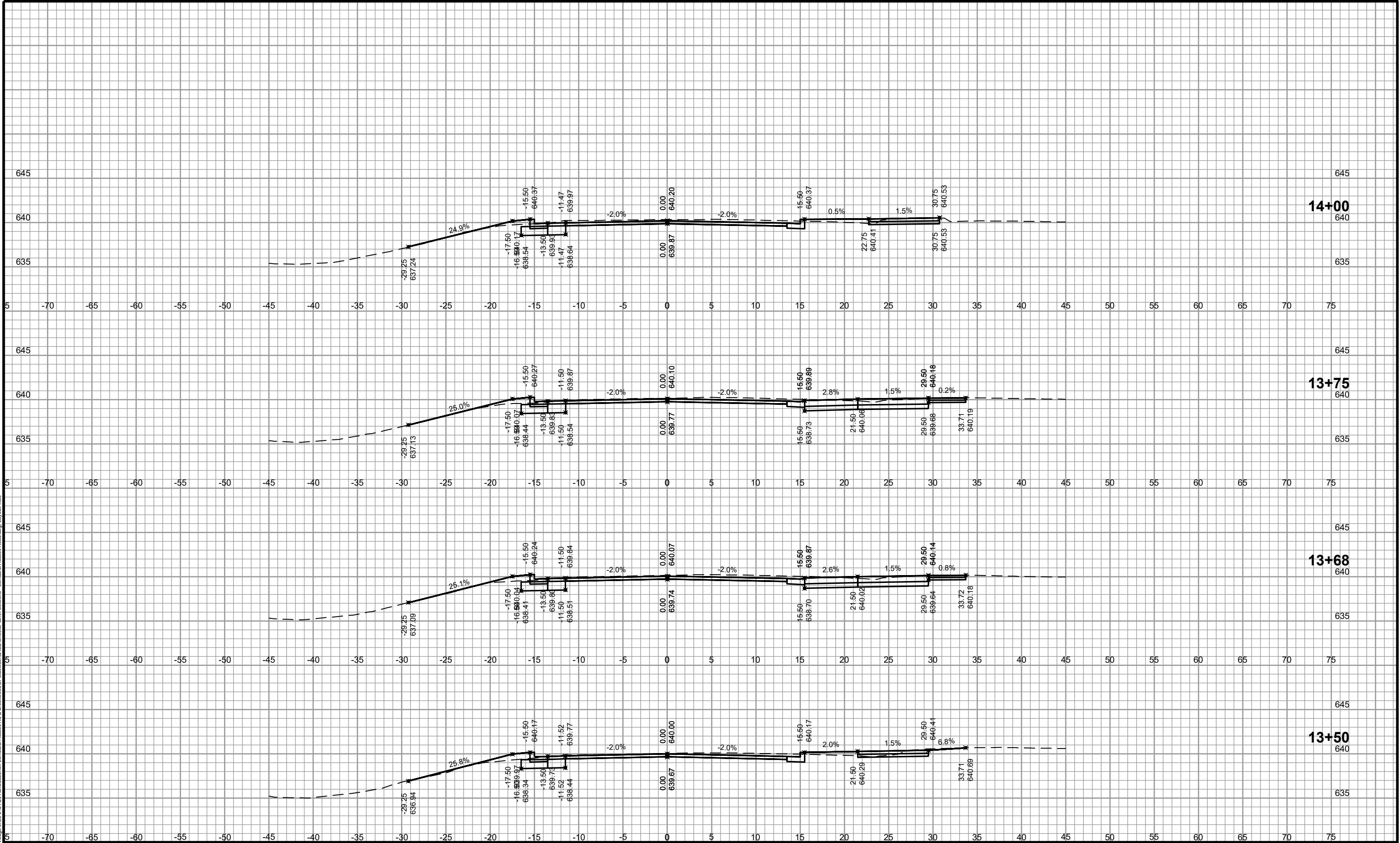
**LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON**



CROSS SECTIONS - LOMBARDI ACCESS ROAD

SHEET NO.
X-102

AA-Standard.dwg
2/7/2024
I:\25\Ashwaubenton Village of 56-0121.28 Ashwaubenton Lombardi Access Rd & Brookwood Dr Sidewalk\CAD\Sheets\plan\X Sections - Lombardi Access Road.dwg Layout.XS2



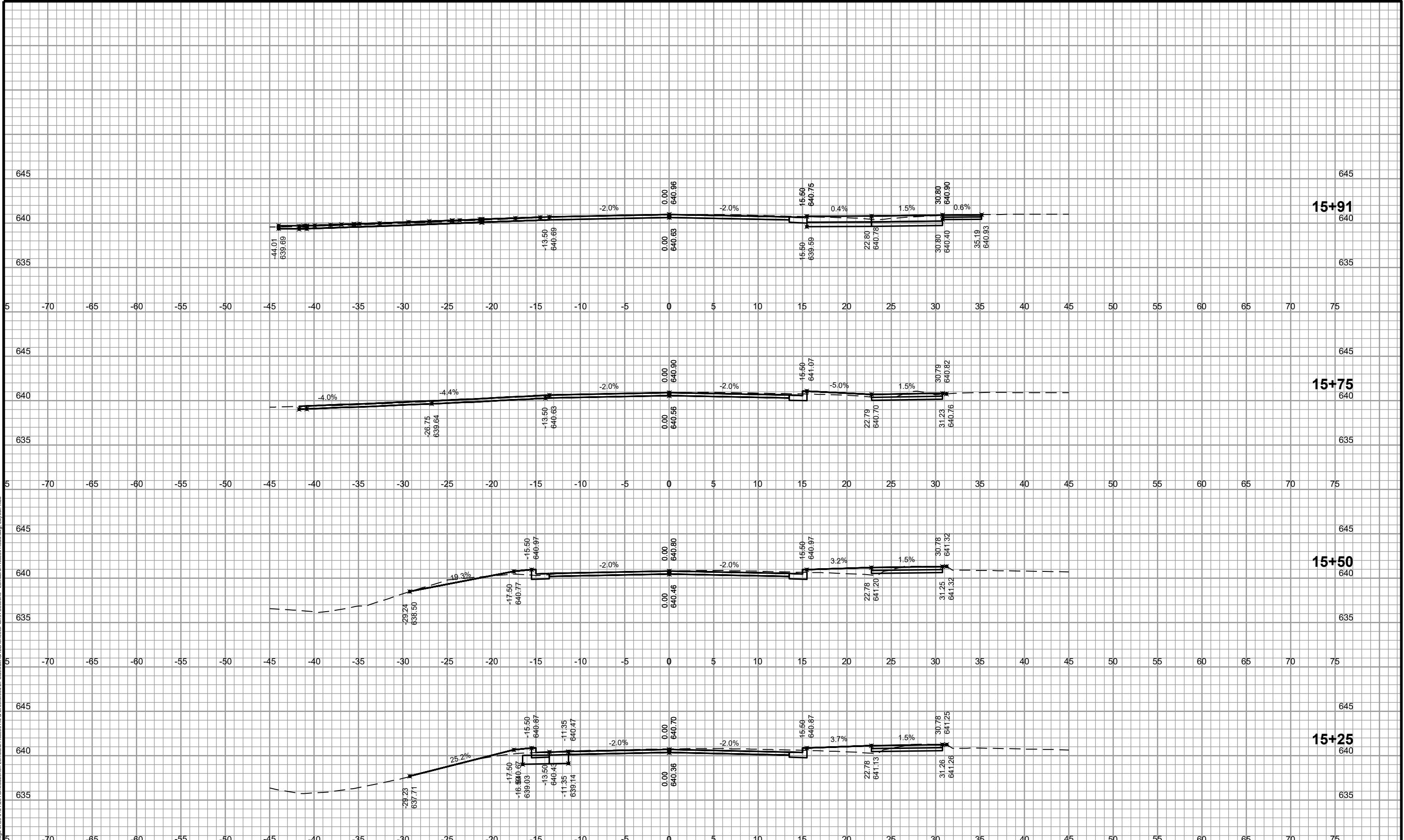
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DR BY	JWS	56-0121.28							
CHK BY	TAH	DATE	NO	DATE	REVISION	NO	DATE	REVISION	
		FEBRUARY 2024							

**LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON**



CROSS SECTIONS - LOMBARDI ACCESS ROAD

AA-Standard.sib
2/7/2024
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AA-Standard.dwg
2/7/2024
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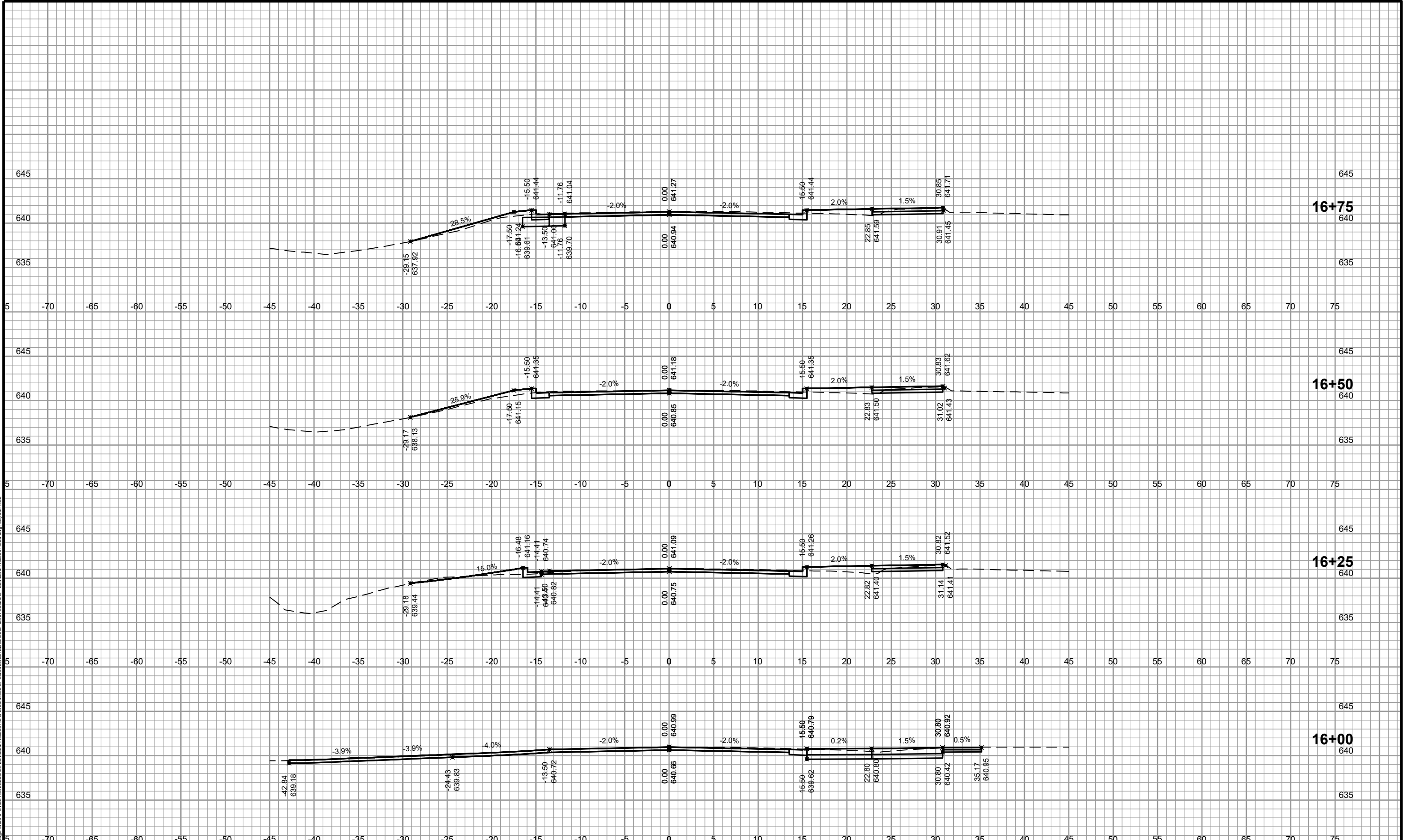
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DR BY	JWS	DATE	FEBRUARY 2024	NO	DATE		REVISION	
CHK BY	TAH	DATE	FEBRUARY 2024	NO	DATE		REVISION	

**LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON**



CROSS SECTIONS - LOMBARDI ACCESS ROAD

SHEET NO.
X-105



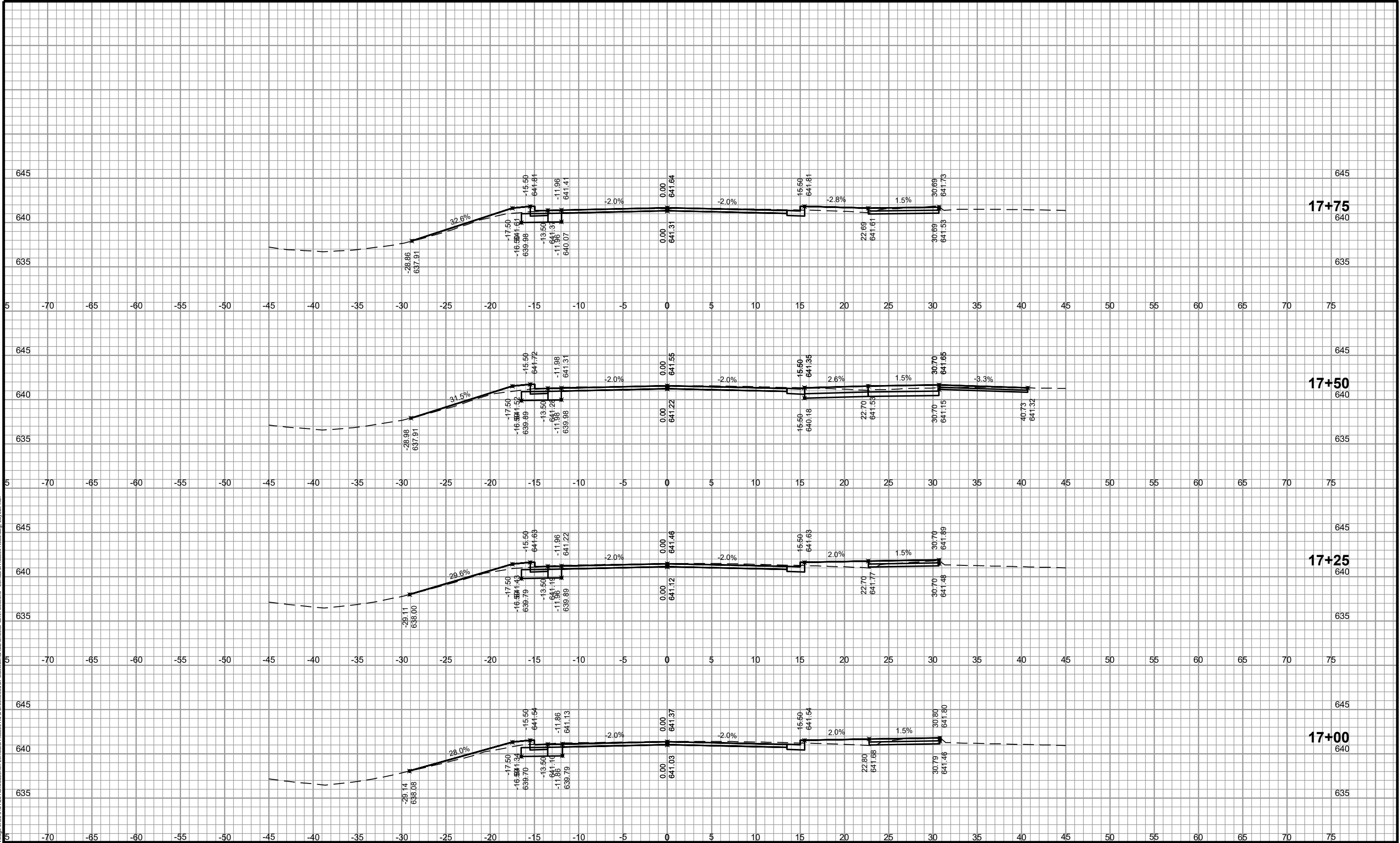
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DR BY	JWS	DATE	FEBRUARY 2024	NO	DATE	REVISION
CHK BY	TAH	NO	DATE	NO	DATE	REVISION

**LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON**



CROSS SECTIONS - LOMBARDI ACCESS ROAD

AA-Standard.sbb
2/7/2024
I:\25\Ashwaubenton Village of 56-0121.28 Ashwaubenton Lombardi Access Rd & Brookwood Dr Sidewalk\CADD\Sheet\pan\X Sections - Lombardi Access Road.dwg, Layout: XSB



AA-Standard.snb
 2/7/2024
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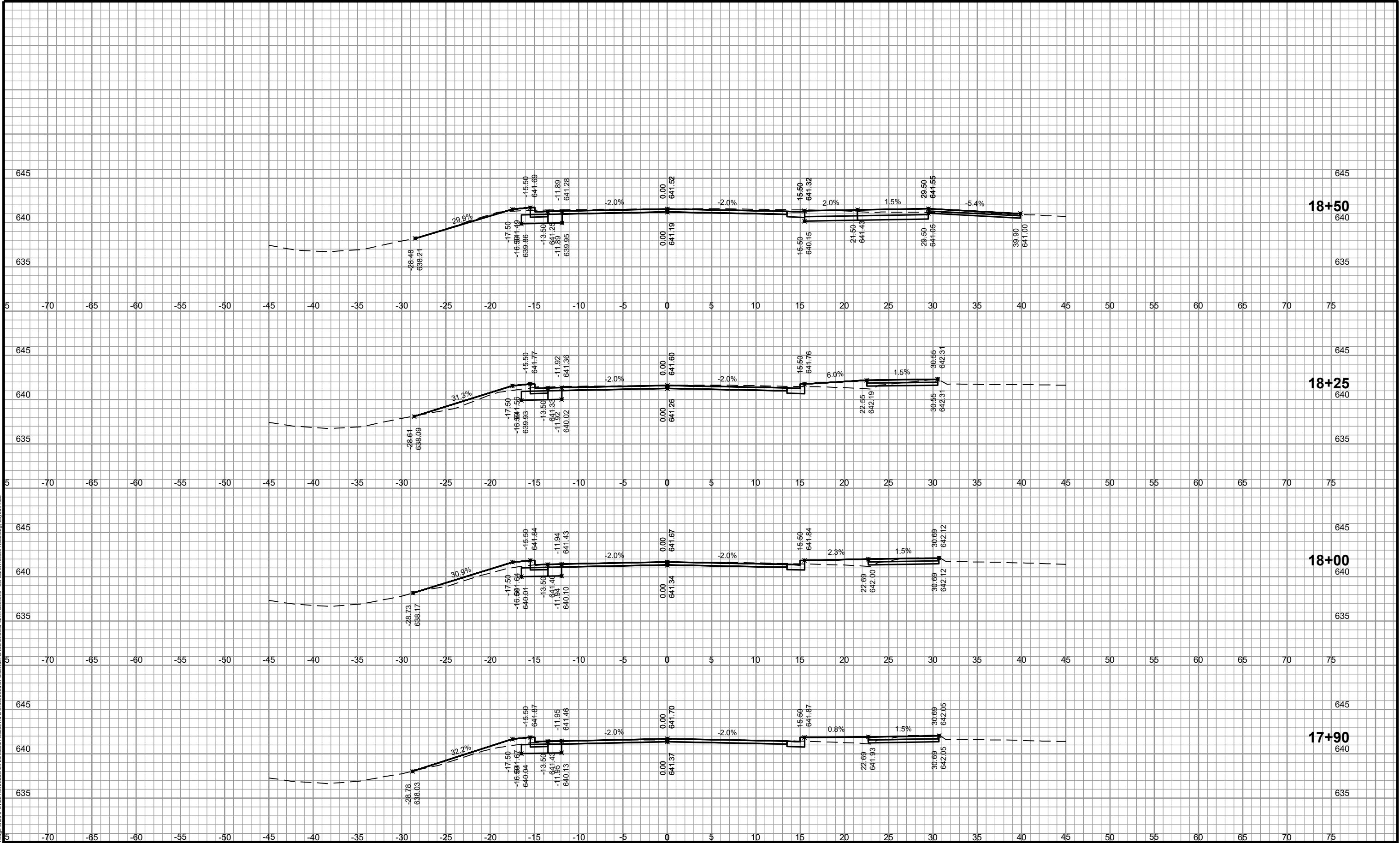
DES BY	AMS	PROJ NO	56-0121.28	1	2/7/2024	ADDENDUM NO 1			
DR BY	JWS	DATE	FEBRUARY 2024	NO	DATE	REVISION	NO	DATE	REVISION

**LOMBARDI ACCESS ROAD IMPROVEMENTS
 AND BROOKWOOD DRIVE SIDEWALK
 VILLAGE OF ASHWAUBENON**



CROSS SECTIONS - LOMBARDI ACCESS ROAD

SHEET NO.
X-107



DES BY	AMS	PROJ NO	56-0121.28	NO	DATE	2/7/2024	ADDENDUM NO 1	NO	DATE	REVISION
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CHK BY	TAH									

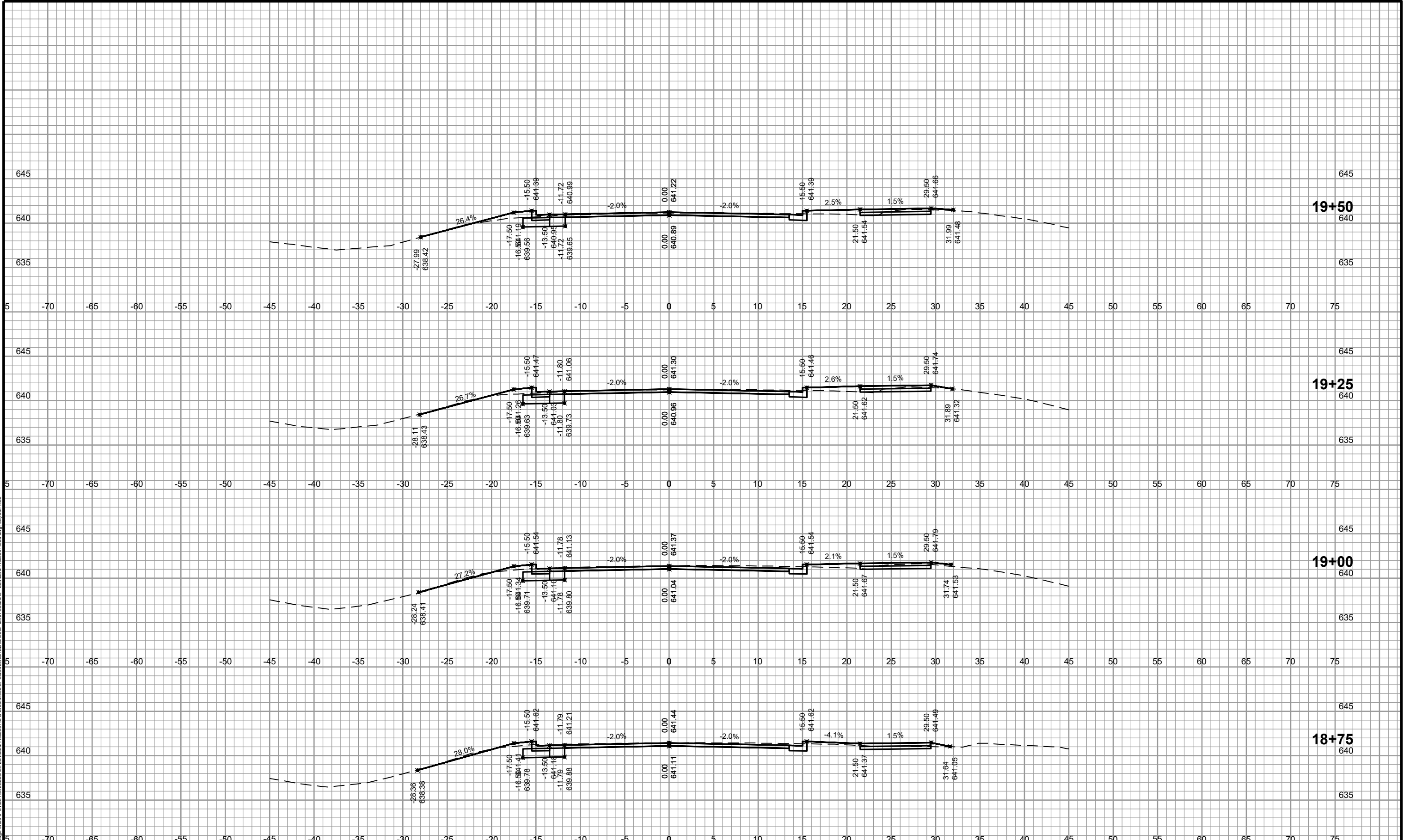
**LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON**



CROSS SECTIONS - LOMBARDI ACCESS ROAD

SHEET NO.
X-108

AA-Standard.sbb
2/7/2024
I:\25\Ashwaubenton Village of 56-0121.28 Ashwaubenton Lombardi Access Rd & Brookwood Dr Sidewalk\CADD\Sheets\plan\X Sections - Lombardi Access Road.dwg, Layout: XSB



AA-Standard.sib
2/7/2024
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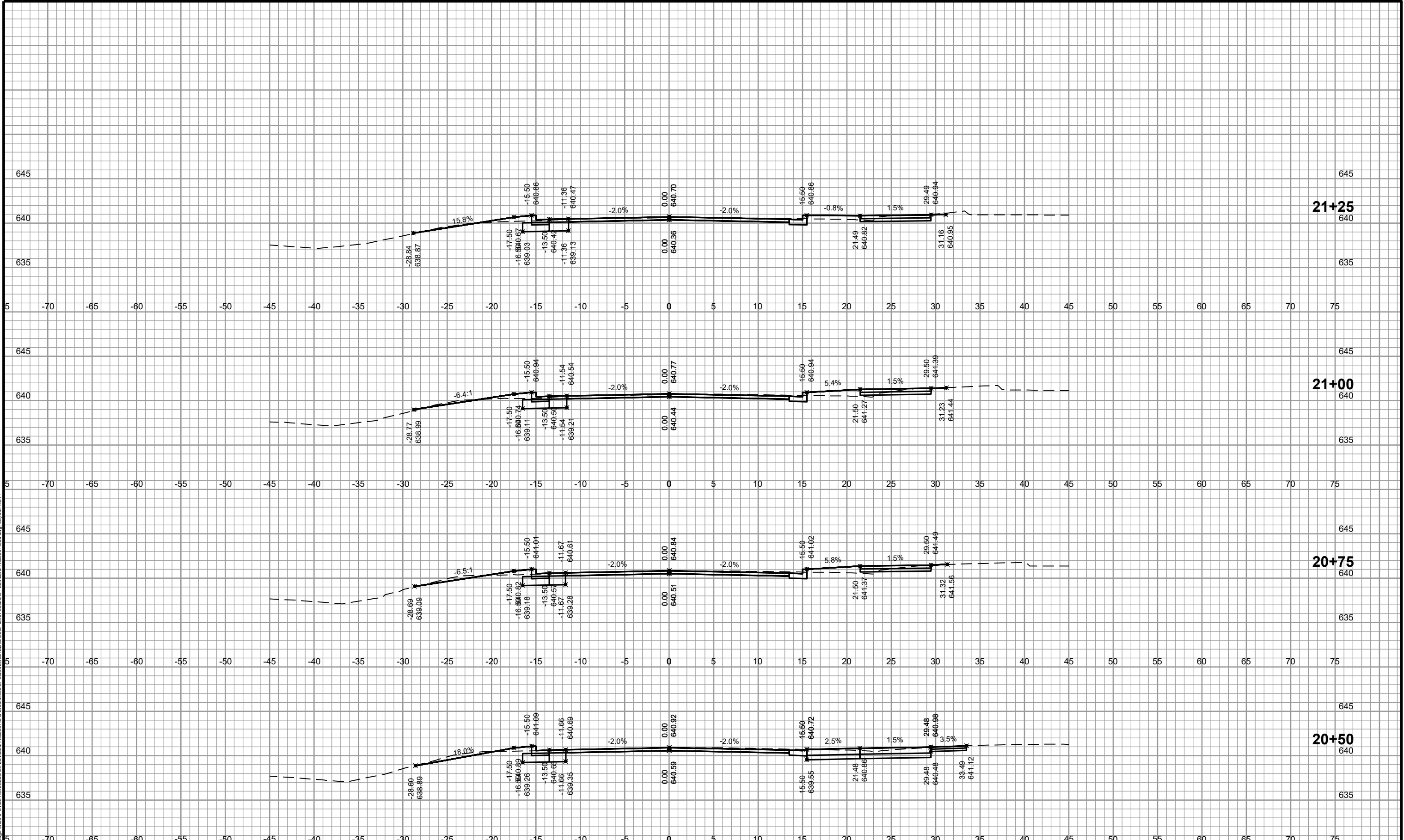
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DR BY	JWS	DATE	FEBRUARY 2024									
CHK BY	TAH											

**LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON**



CROSS SECTIONS - LOMBARDI ACCESS ROAD

SHEET NO.
X-109



DES BY	AMS	PROJ NO	56-0121.28	1	2/7/2024	ADDENDUM NO 1
DR BY	JWS	DATE	FEBRUARY 2024	NO	DATE	REVISION
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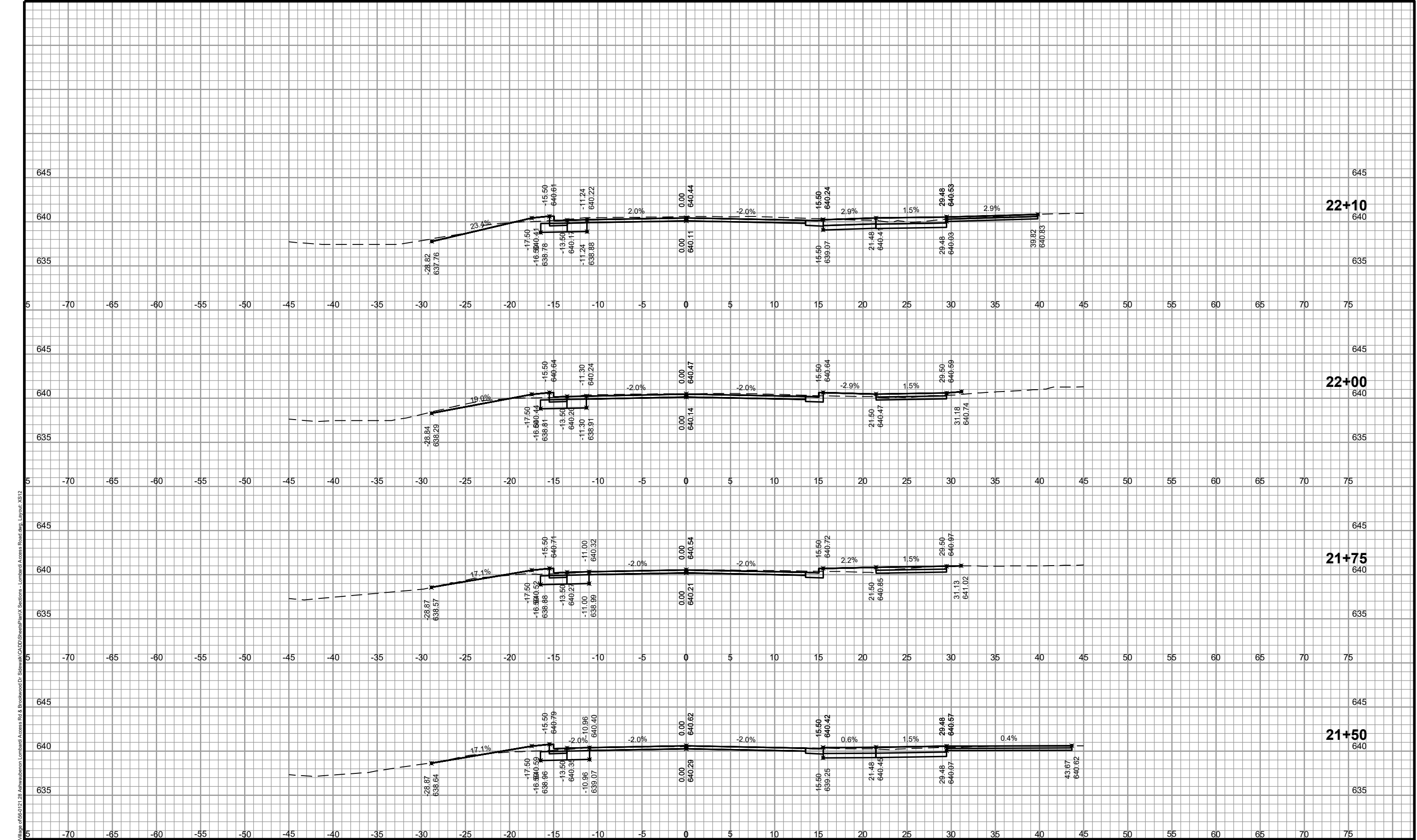
**LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON**



CROSS SECTIONS - LOMBARDI ACCESS ROAD

SHEET NO.
X-111

AA-Standard.snb
2/7/2024
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AA-Standard.snb
2/7/2024
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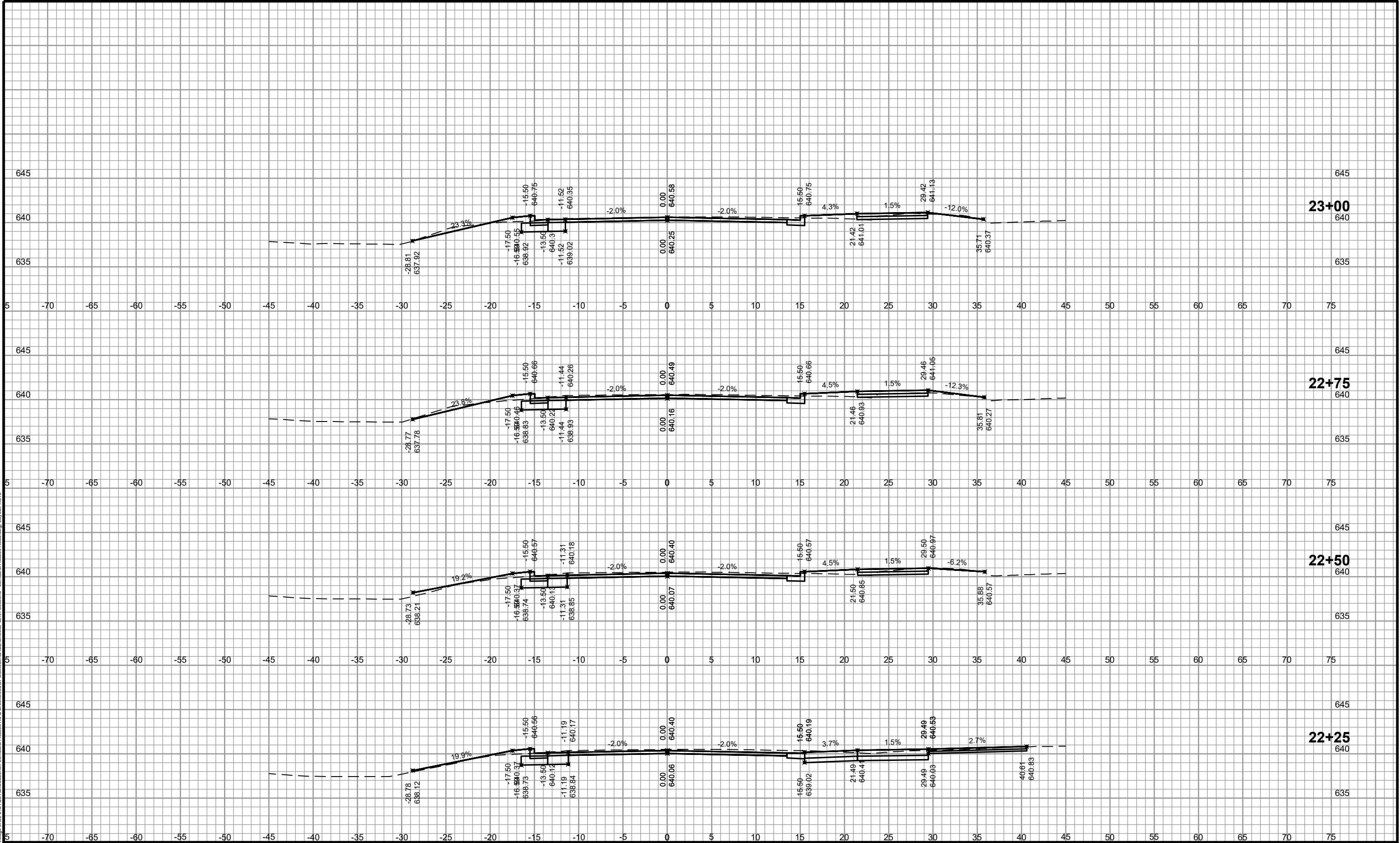
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DR BY	JWS	DATE	FEBRUARY 2024	NO	DATE		REVISION	
CHK BY	TAH	DATE	FEBRUARY 2024	NO	DATE		REVISION	

LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON



CROSS SECTIONS - LOMBARDI ACCESS ROAD

SHEET NO.
X-112



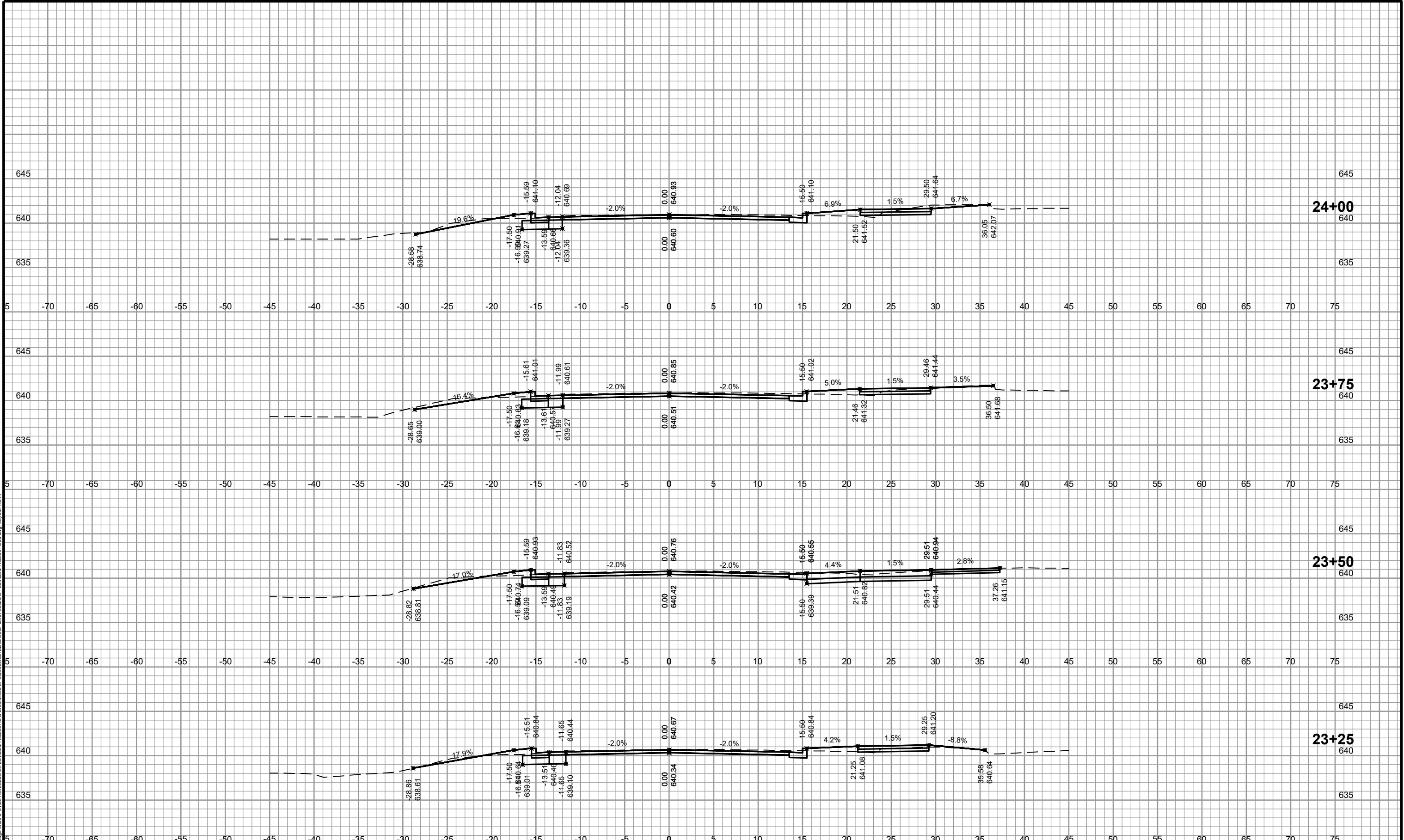
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CHK BY	TAH	DATE	FEBRUARY 2024	NO	2/7/2024	ADDENDUM NO 1			
				NO	DATE	REVISION		NO	DATE

**LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON**



CROSS SECTIONS - LOMBARDI ACCESS ROAD

AA-Standard.snb
2/7/2024
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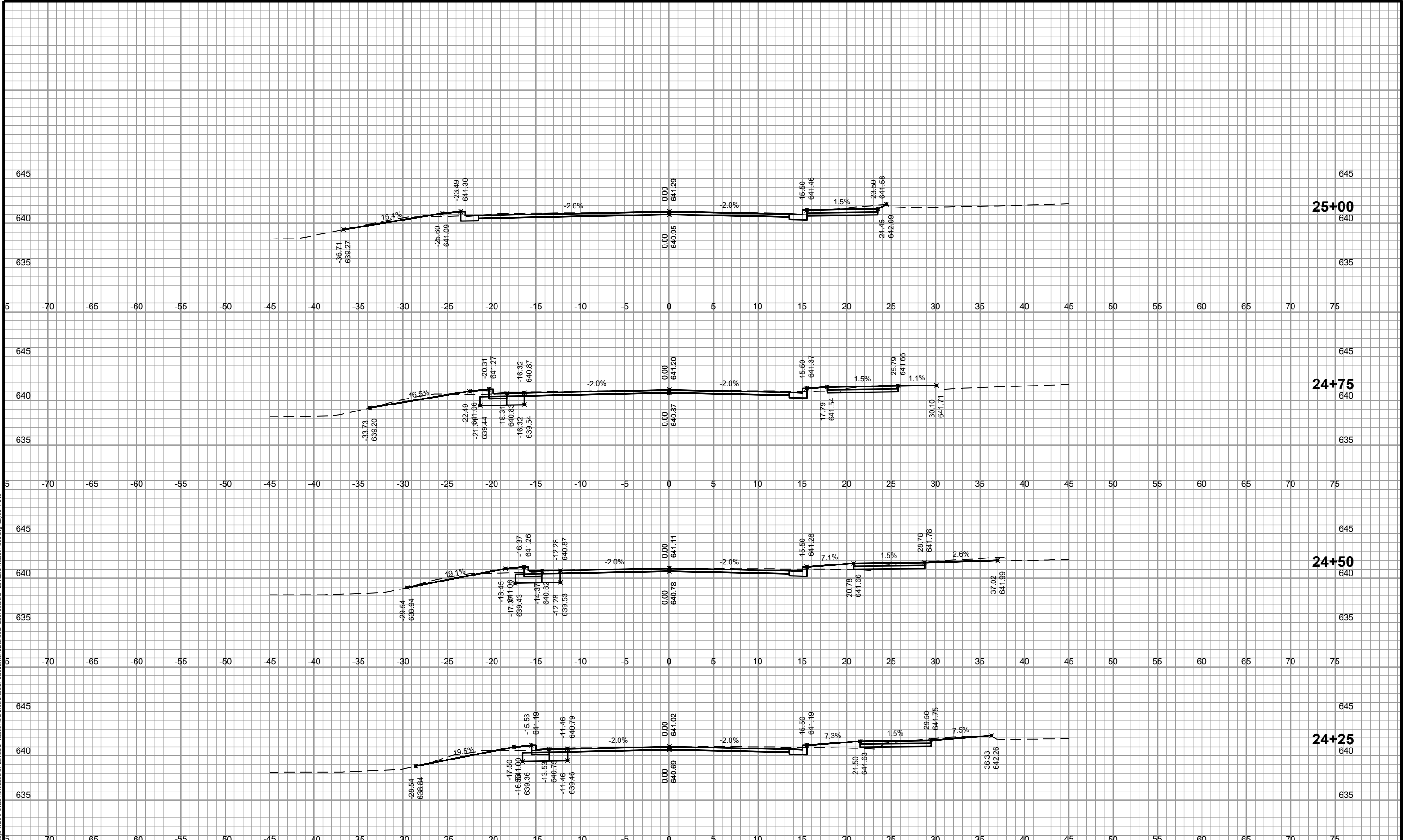
**LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON**



CROSS SECTIONS - LOMBARDI ACCESS ROAD

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X-114

AA-Standard.sib
2/7/2024
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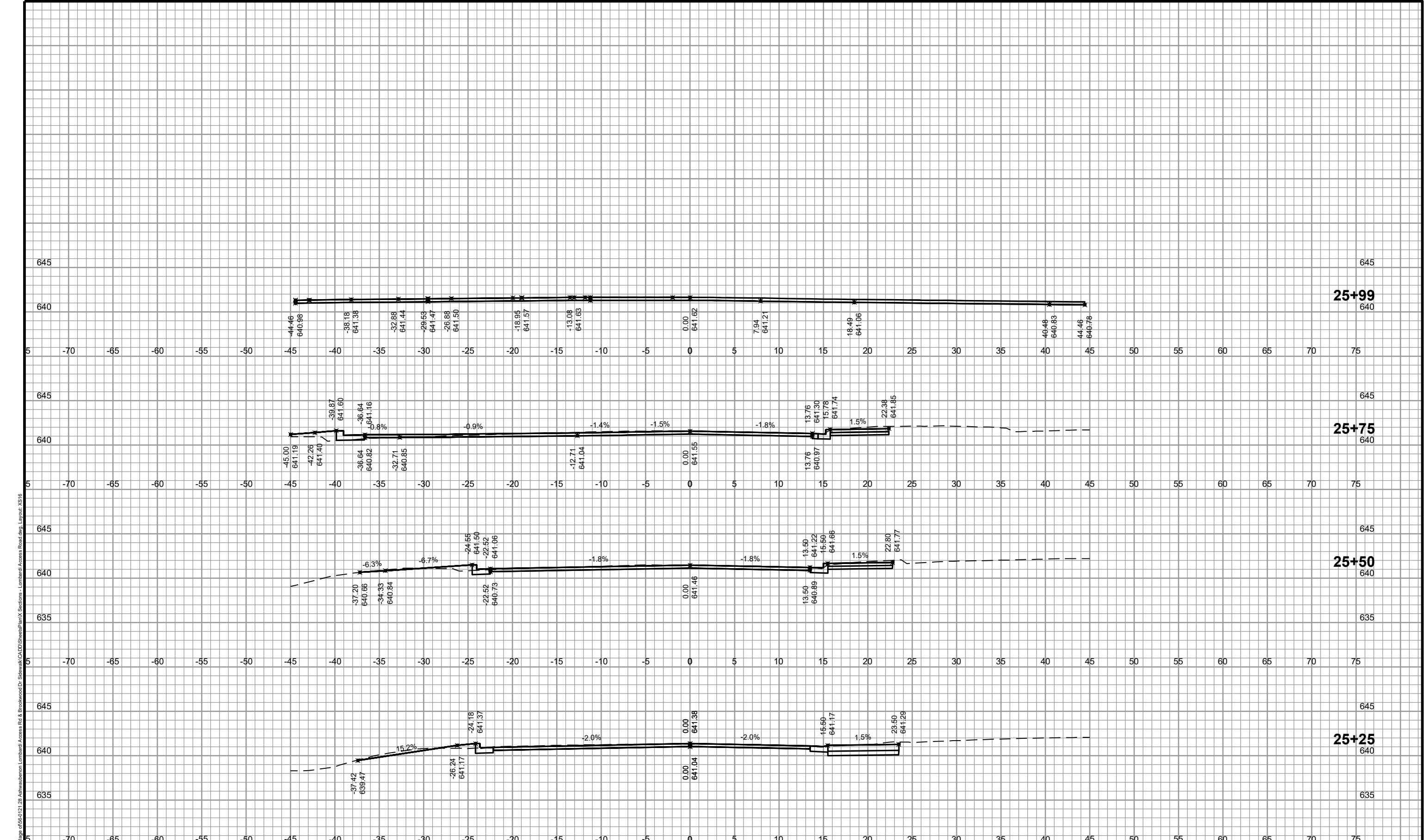
**LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON**



CROSS SECTIONS - LOMBARDI ACCESS ROAD

SHEET NO.
X-115

AA-Standard.sib
2/7/2024
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AA-Standard.snb
2/7/2024
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DES BY	AMS	PROJ NO	1	2/7/2024	ADDENDUM NO 1
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CHK BY	TAH	DATE	NO	DATE	REVISION
		FEBRUARY 2024			

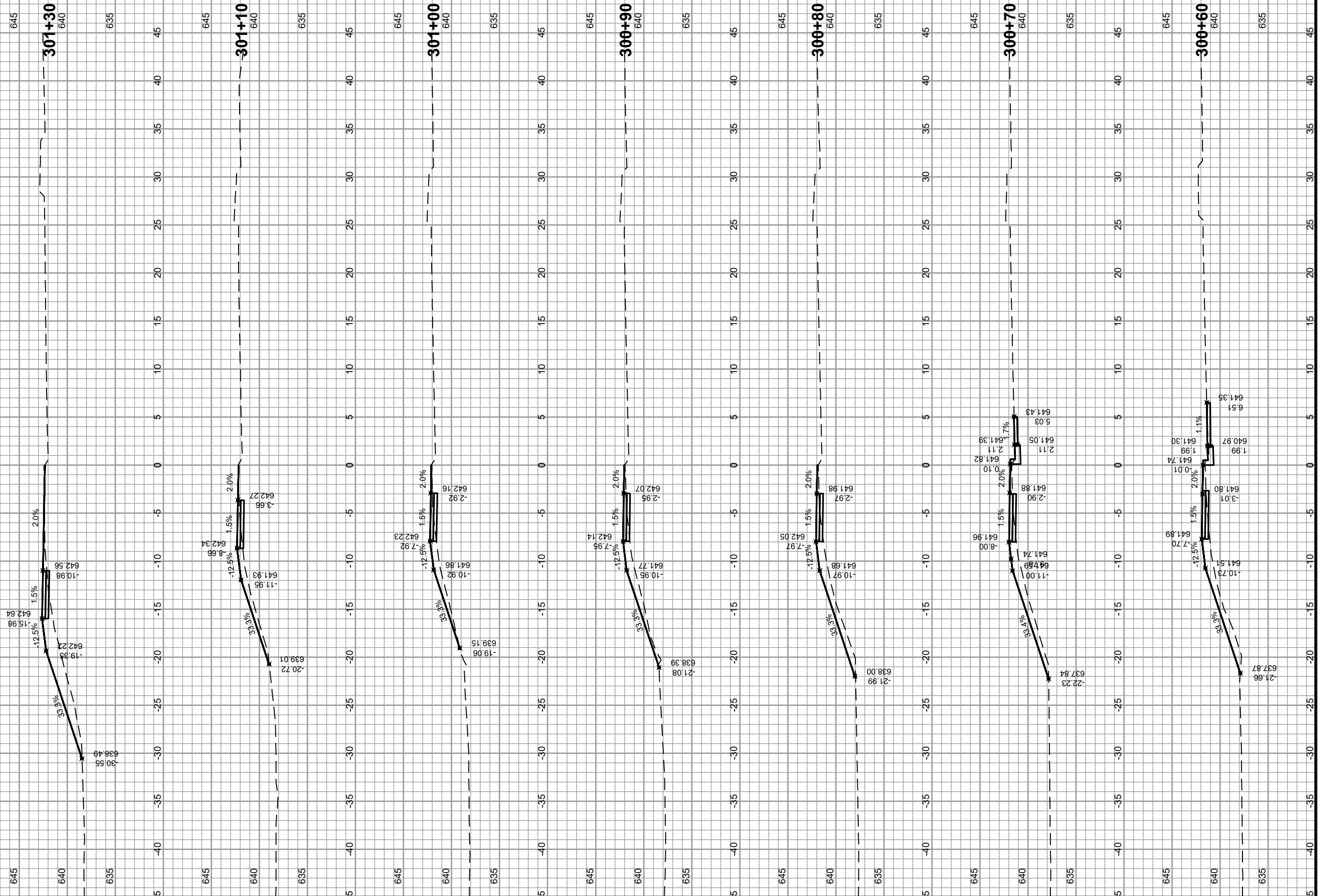
LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON



CROSS SECTIONS - LOMBARDI ACCESS ROAD

SHEET NO.
X-116

AA-Standard.dwg
2/7/2024
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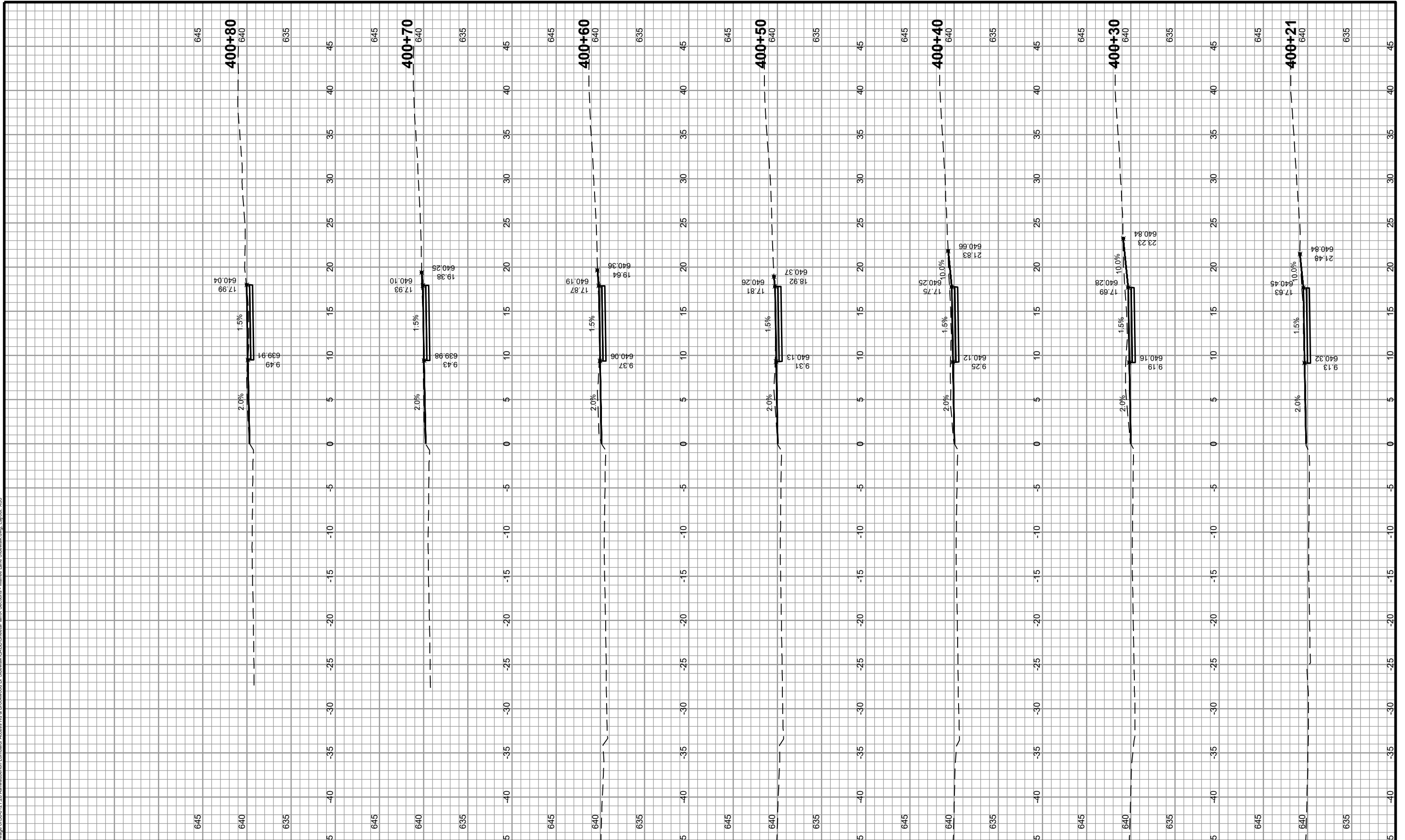
LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON



CROSS SECTIONS - MARLEE LANE

SHEET NO.
X-117

AA-Standard.dwg
2/7/2024
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		DATE	2/7/2024	REVISION	ADDENDUM NO 1
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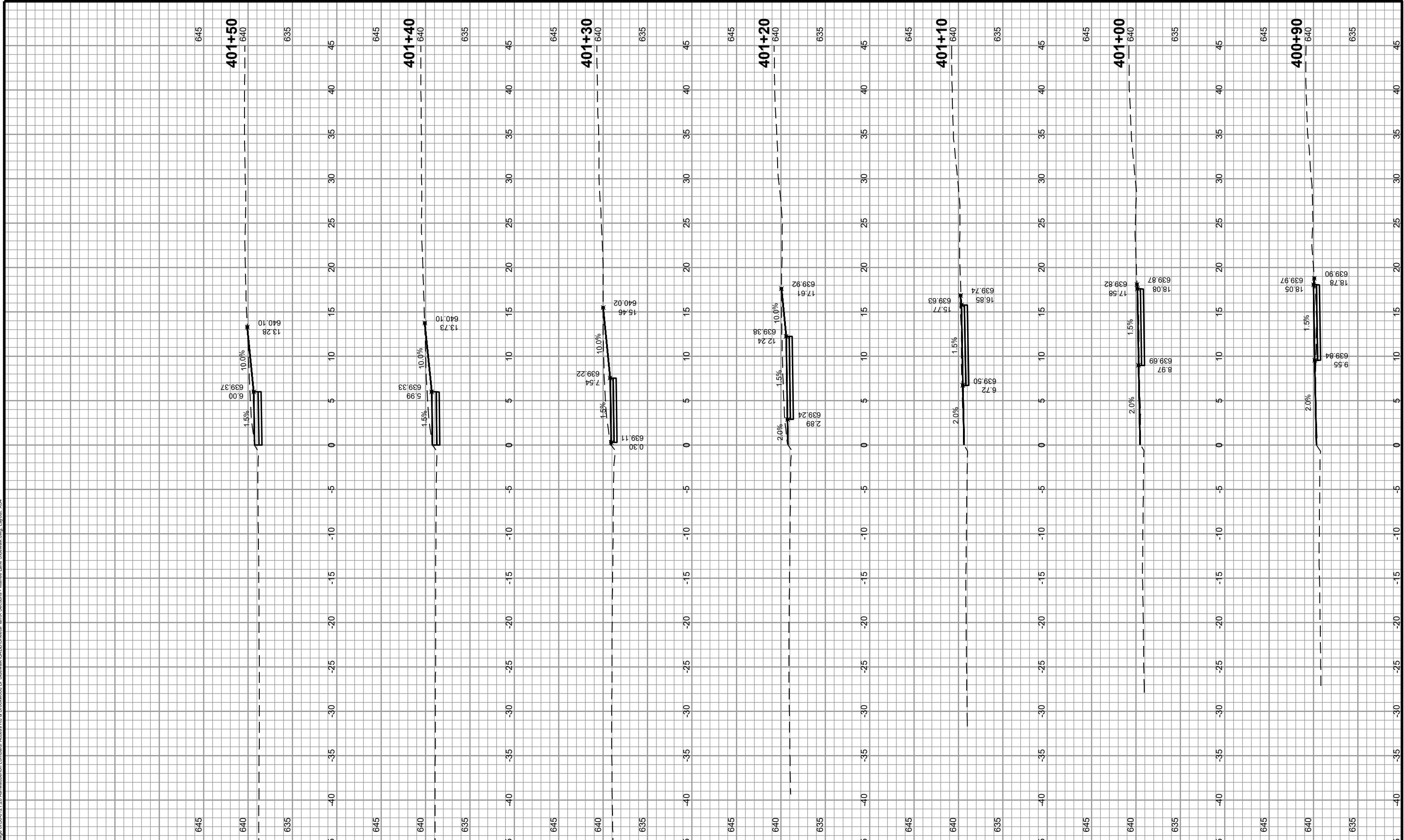
LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON



CROSS SECTIONS - MARLEE LANE

SHEET NO.
X-119

AA-Standard.dwg
 2/7/2024
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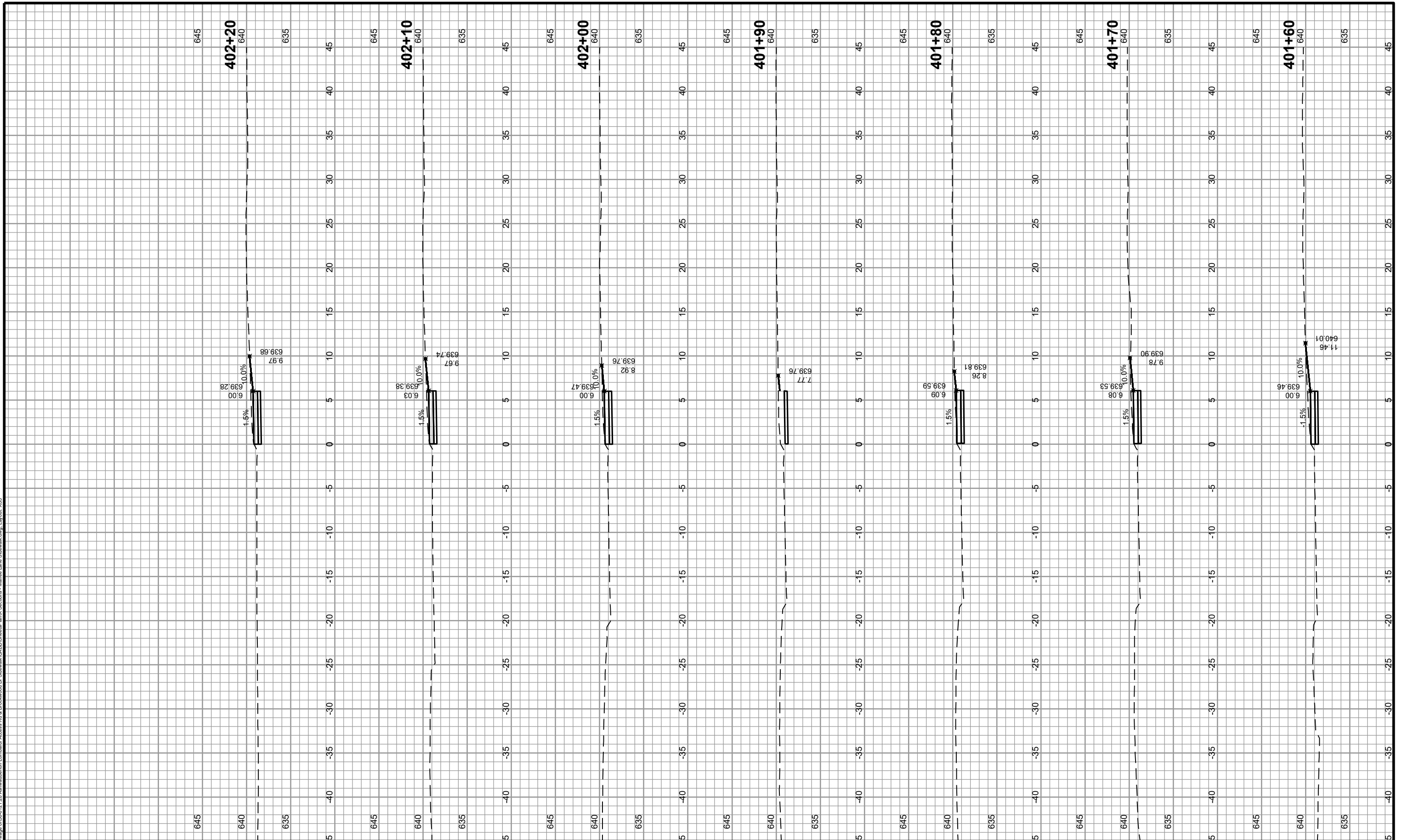
LOMBARDI ACCESS ROAD IMPROVEMENTS
 AND BROOKWOOD DRIVE SIDEWALK
 VILLAGE OF ASHWAUBENON



CROSS SECTIONS - MARLEE LANE

SHEET NO.
 X-120

AA-Standard.dwg
2/7/2024
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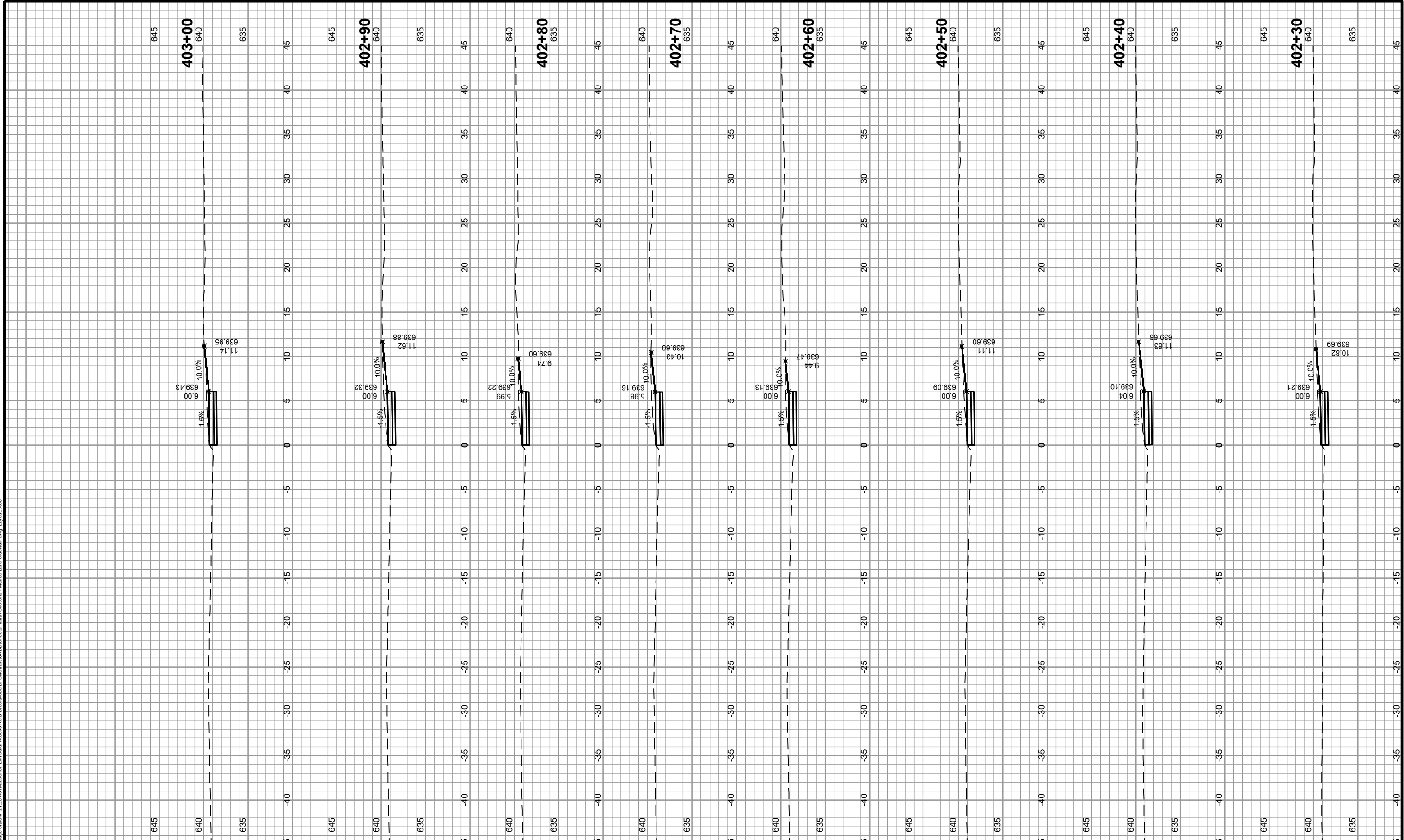
LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON



CROSS SECTIONS - MARLEE LANE

SHEET NO.
X-121

AA-Standard.snb
2/7/2024
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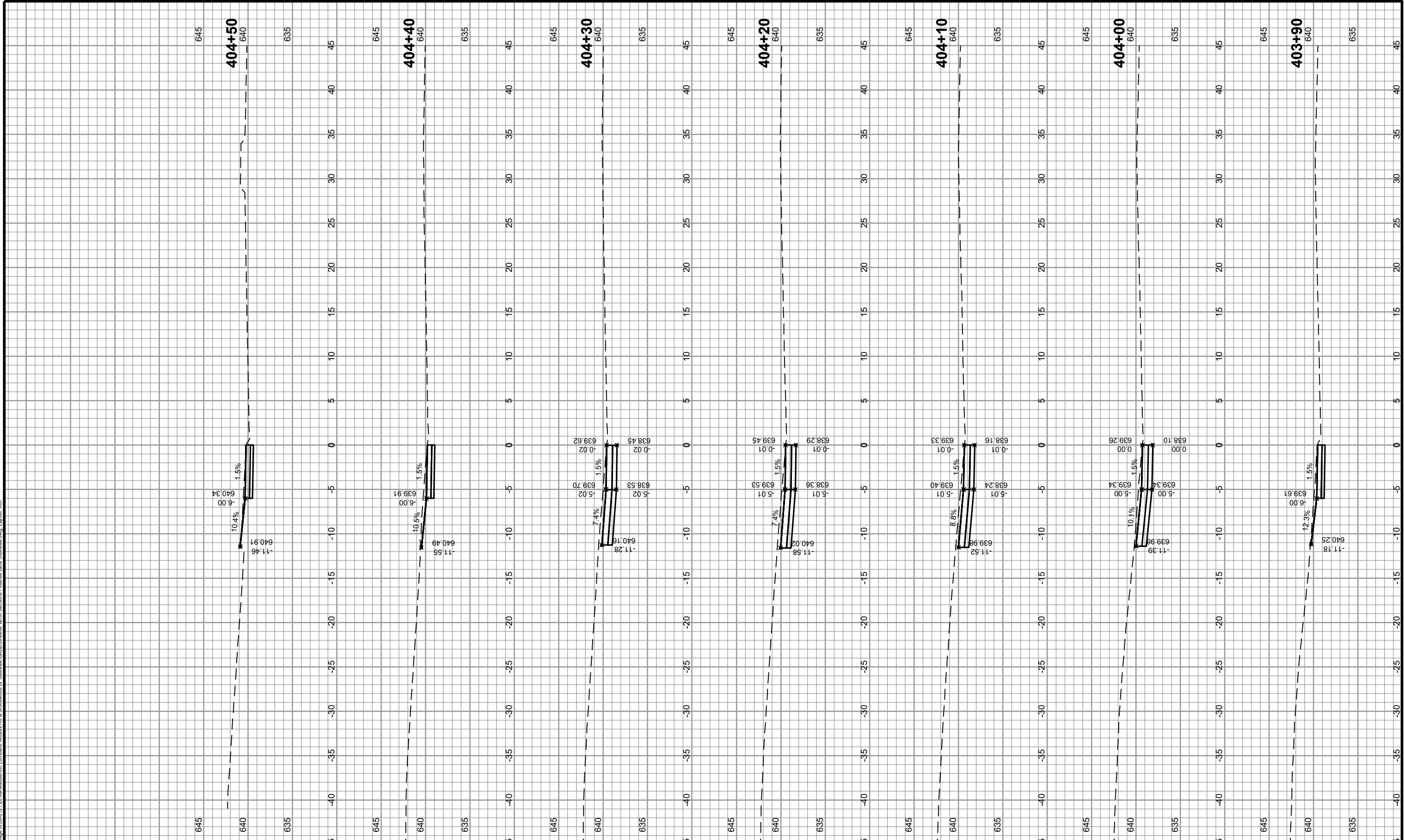
LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON



CROSS SECTIONS - MARLEE LANE

SHEET NO.
X-122

AA-Standard.dwg
2/7/2024
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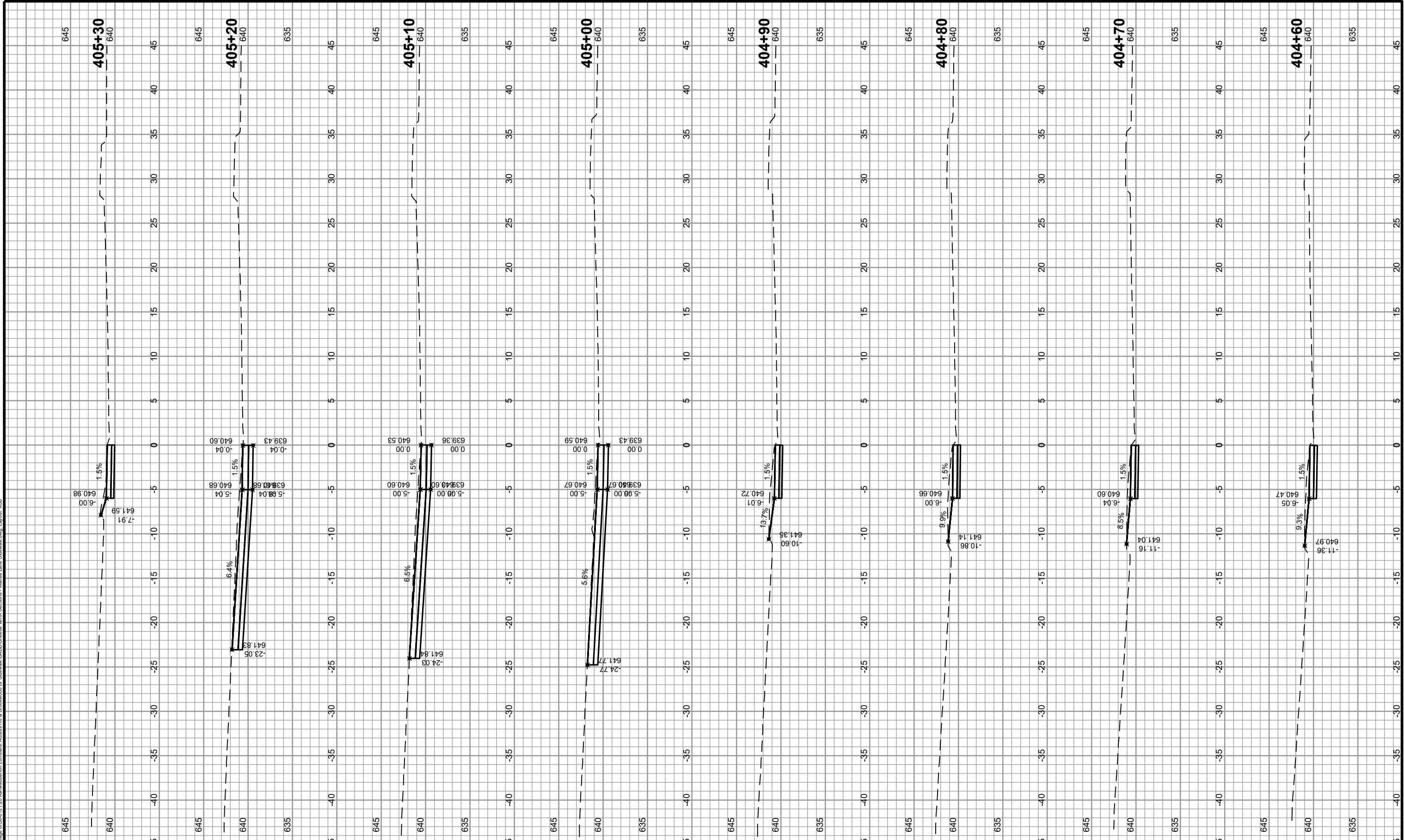
LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON



CROSS SECTIONS - MARLEE LANE

SHEET NO.
X-123

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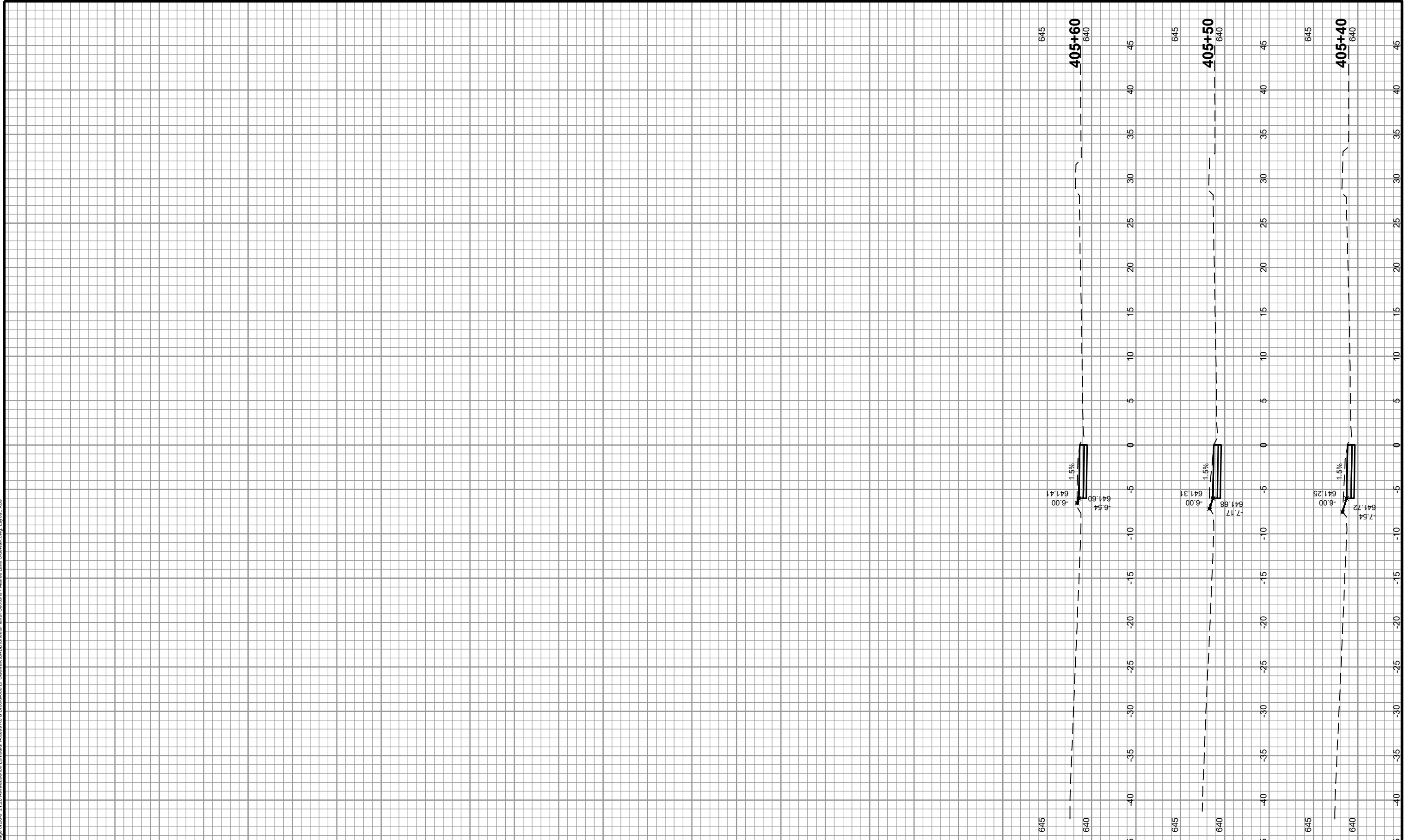
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LOMBARDI ACCESS ROAD IMPROVEMENTS
 AND BROOKWOOD DRIVE SIDEWALK
 VILLAGE OF ASHWAUBENON



CROSS SECTIONS - MARLEE LANE

AA-Standard.sbf
2/7/2024
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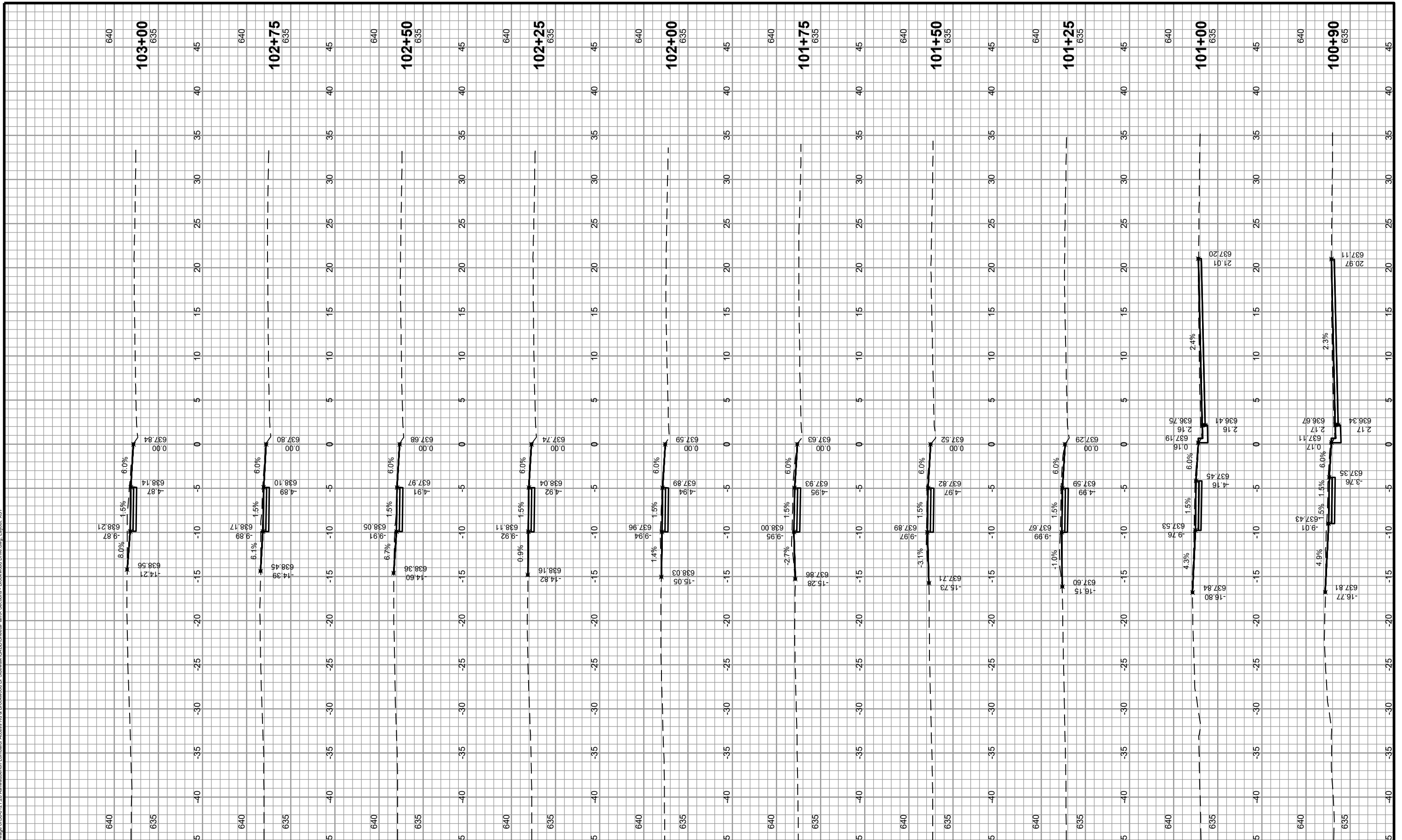
LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON



CROSS SECTIONS - MARLEE LANE

SHEET NO.
X-125

AA-Standard.snb
2/7/2024
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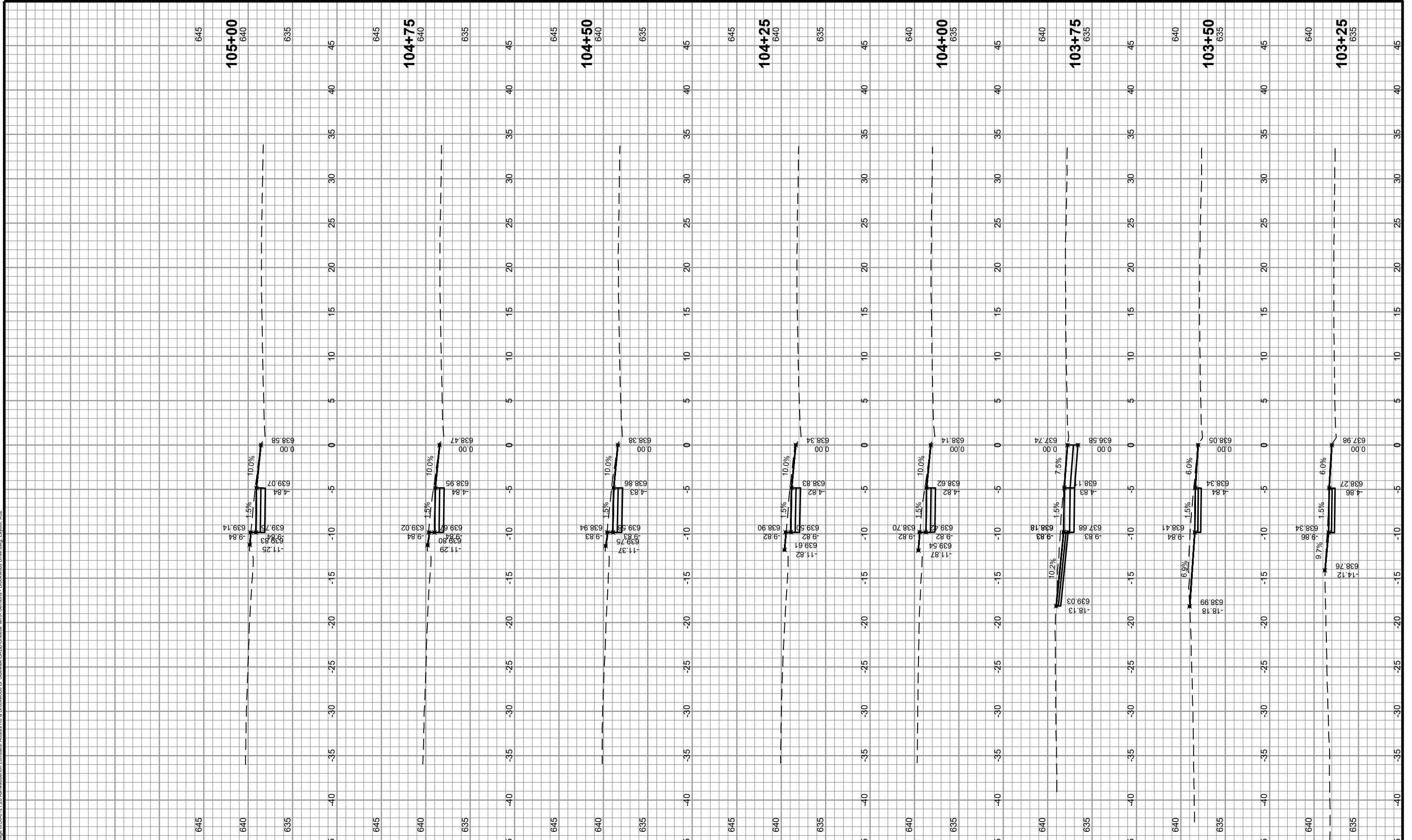
LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON



CROSS SECTIONS - BROOKWOOD DRIVE

SHEET NO.
X-201

AA-Standard.snb
2/7/2024
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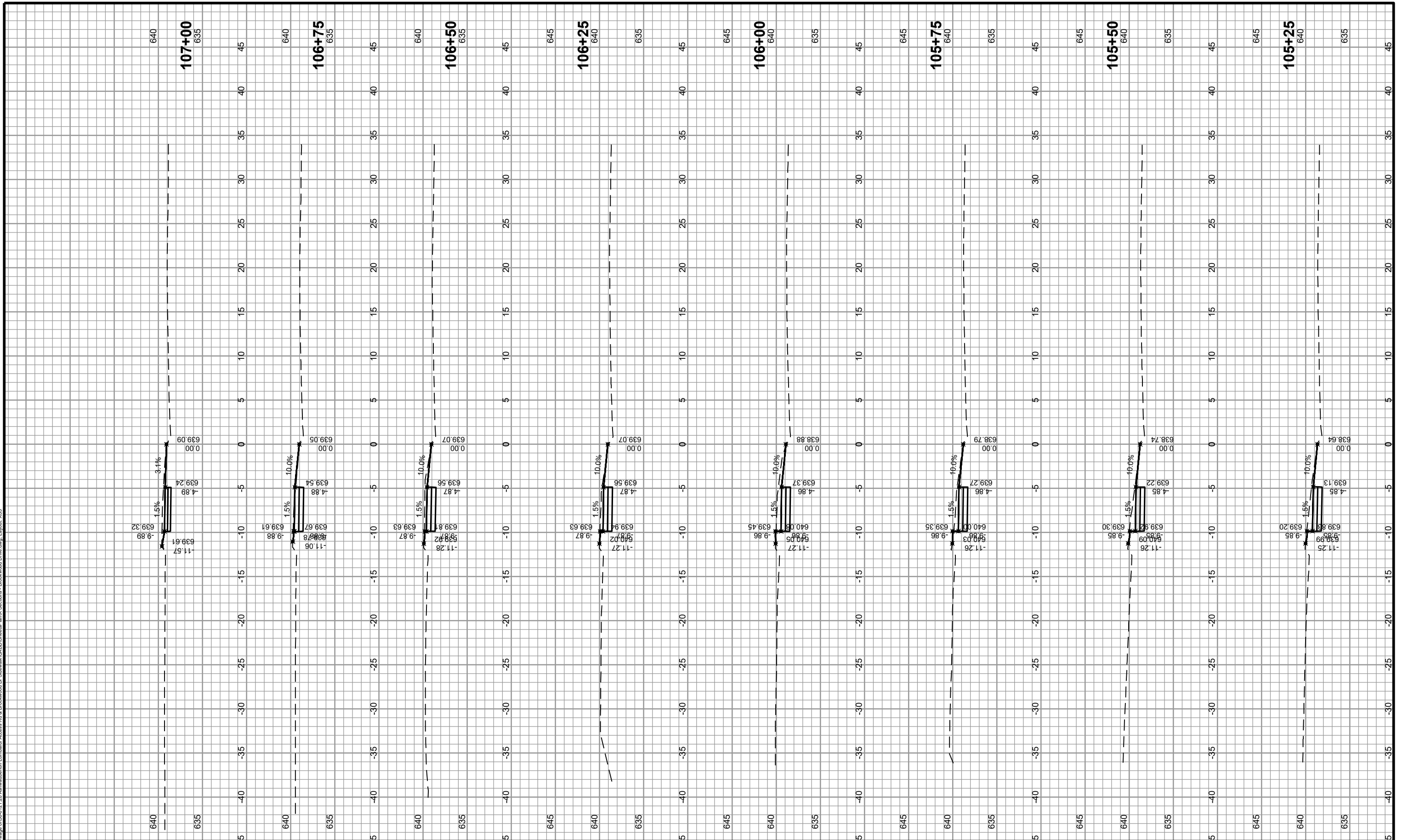
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CHK BY	TAH	DATE	NO	DATE	REVISION	NO	DATE	REVISION	
		FEBRUARY 2024							

LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON



CROSS SECTIONS - BROOKWOOD DRIVE

AA-Standard.snb
2/7/2024
I:\25\Ashwaubenton Village of 56-0121.28 Ashwaubenton Lombardi Access Rd & Brookwood Dr Sidewalk\CADD\SheetPlan\X Sections - Brookwood Drive.dwg_Layout_XS3



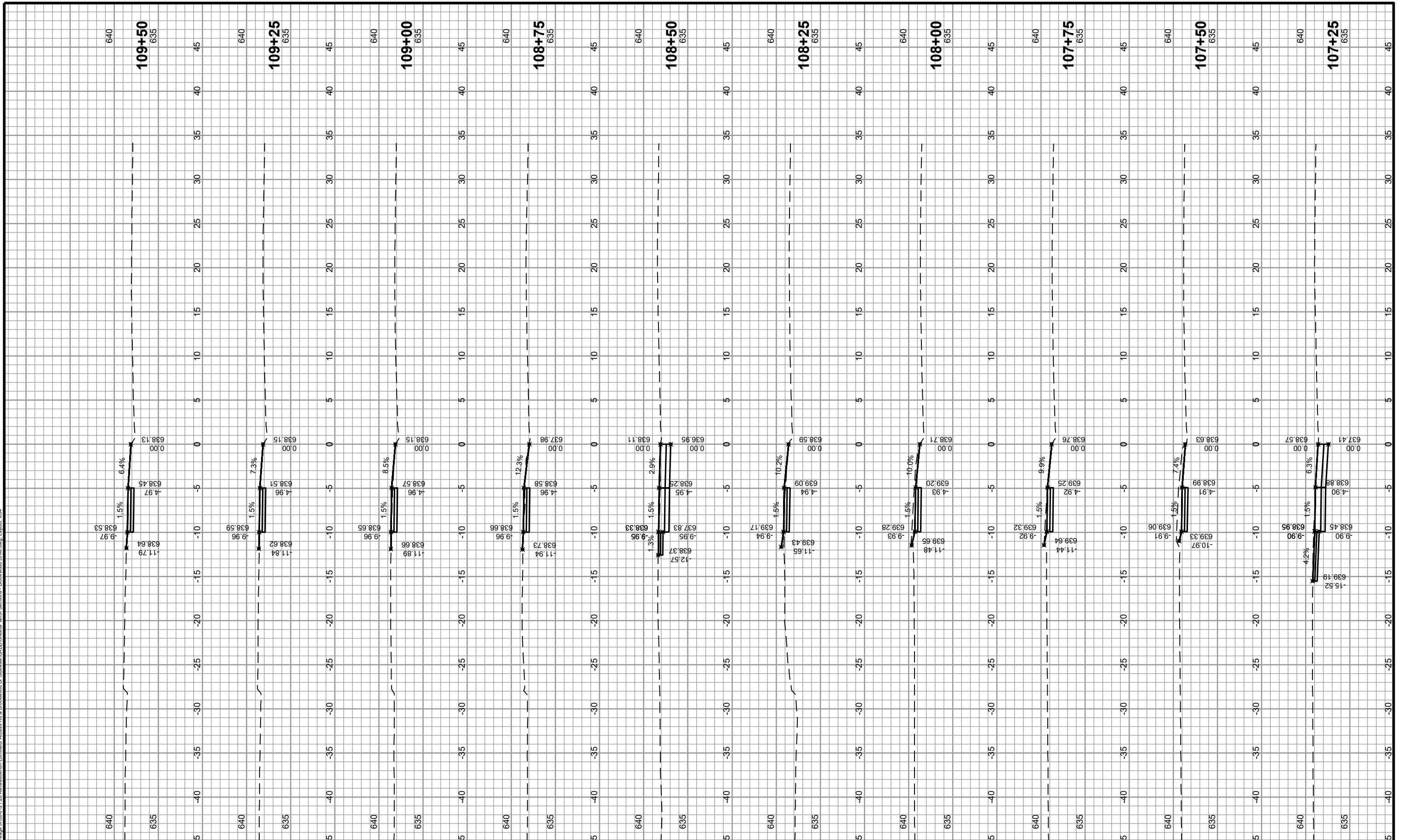
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LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON



CROSS SECTIONS - BROOKWOOD DRIVE

SHEET NO.
X-203



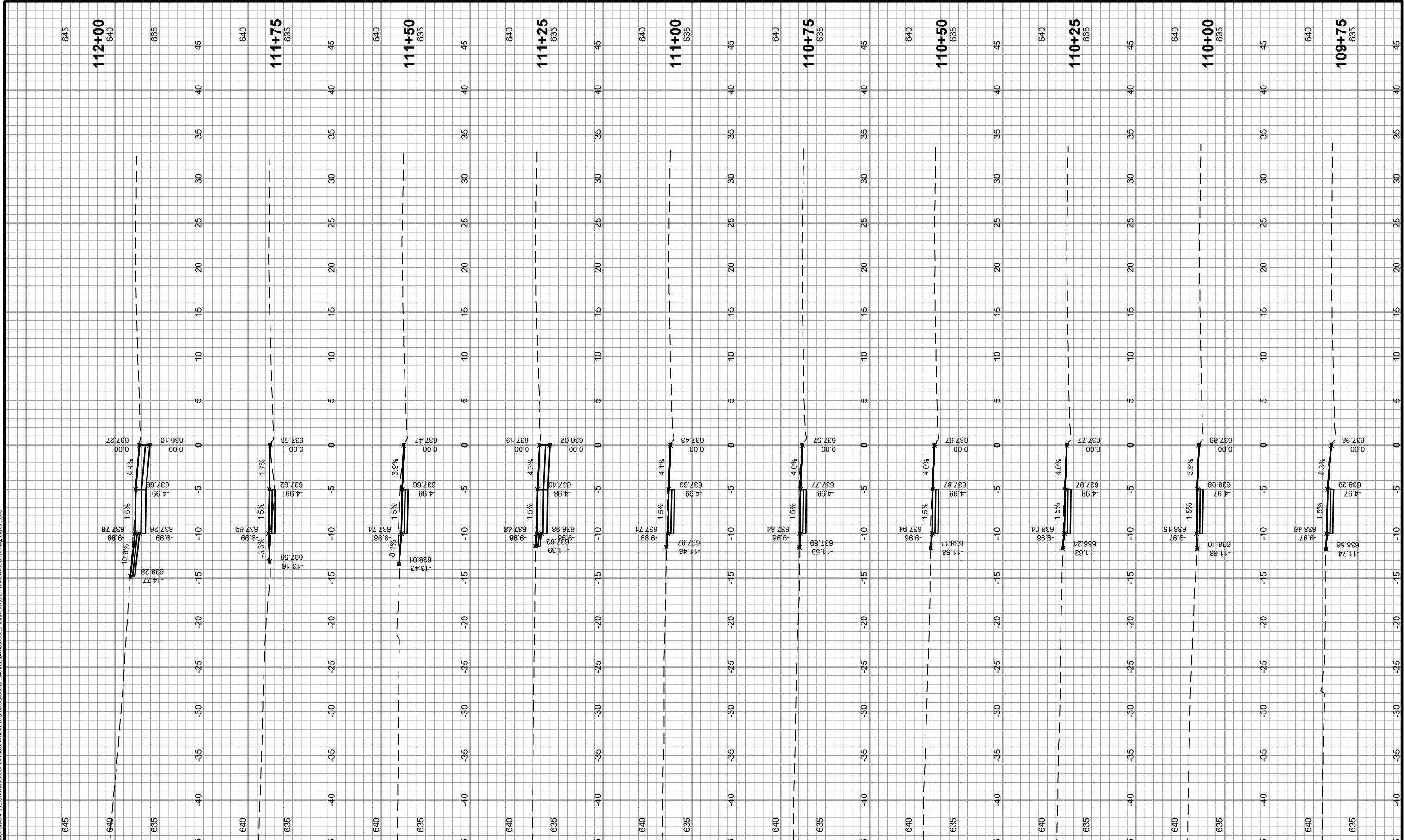
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		FEBRUARY 2024			

LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON



CROSS SECTIONS - BROOKWOOD DRIVE

AA-Standard.sbb
2/7/2024
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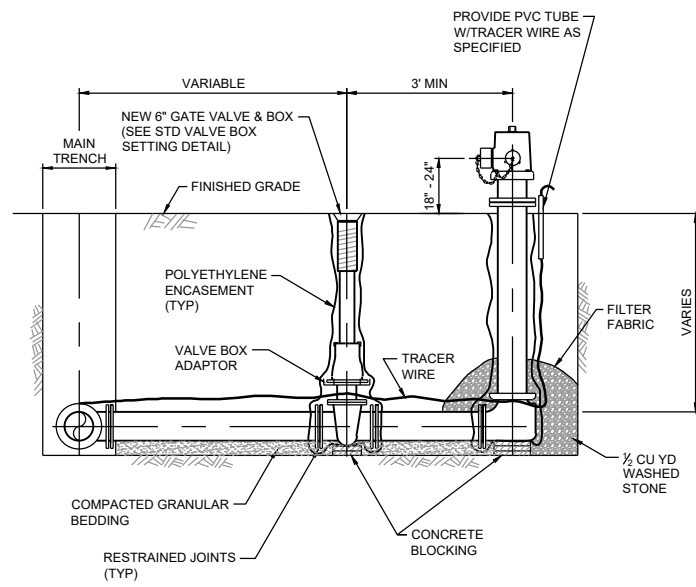


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CHK BY	TAH	DATE	FEBRUARY 2024	NO	DATE	REVISION

LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON

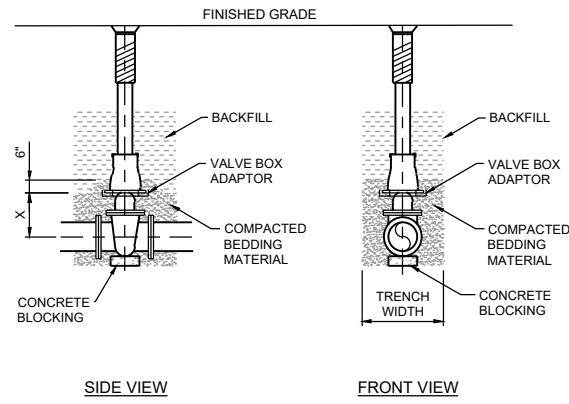


CROSS SECTIONS - BROOKWOOD DRIVE



- NOTE:
- ENTIRE HYDRANT LEAD SHALL BE RESTRAINED FROM MAIN TO HYDRANT.
 - DUCTILE IRON FITTINGS, HYDRANT BARREL AND VALVE BOX SHALL BE WRAPPED WITH POLYETHYLENE ENCASEMENT.
 - REPLACE ALL T-BOLTS ON MAIN LINE TEE, VALVE AND HYDRANT WITH NEW STAINLESS STEEL BOLTS.

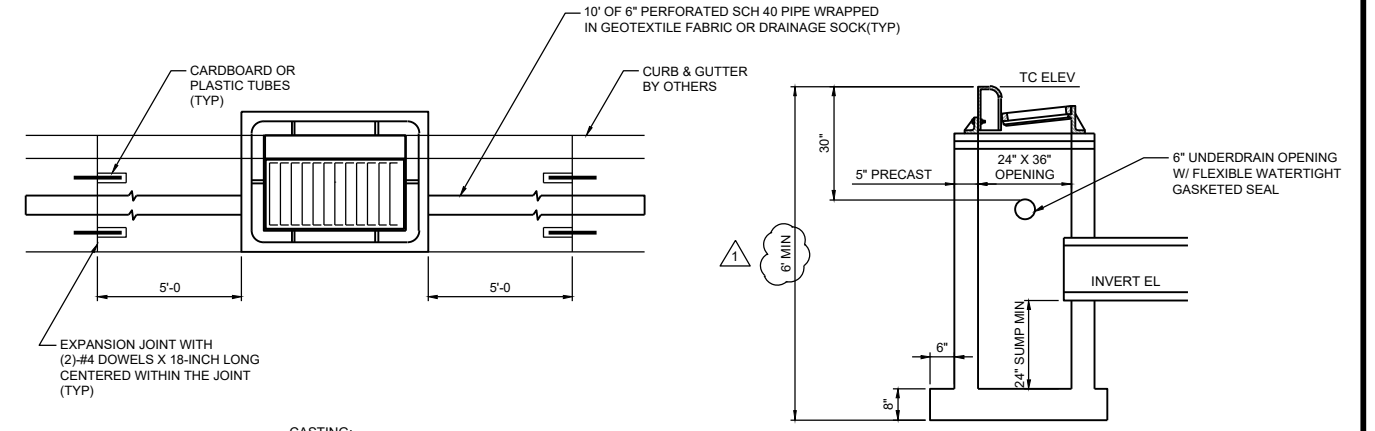
1 RELOCATED HYDRANT SETTING
NOT TO SCALE



PIPE DIA (INCHES)	X=SETTING (INCHES)	PIPE DIA (INCHES)	X=SETTING (INCHES)
2	6	10	17
3	7	12	21
4	8	14	25
6	12	16	30
8	13		

- NOTE:
- VALVE AND VALVE BOX SHALL BE WRAPPED WITH POLYETHYLENE ENCASEMENT.

2 STANDARD VALVE BOX SETTING
NOT TO SCALE



CASTING:
NEENAH R-3067 WITH TYPE 'R' GRATE. PROVIDE DRIVEWAY CURB PLATE AS NEEDED IN DRIVEWAY OPENINGS. PROVIDE CURB BOX WITH ENVIRONMENTAL FRIENDLY LANGUAGE "DUMP NO WASTE DRAINS TO FRESH WATER" NEENAH FOUNDRY 3000-A.

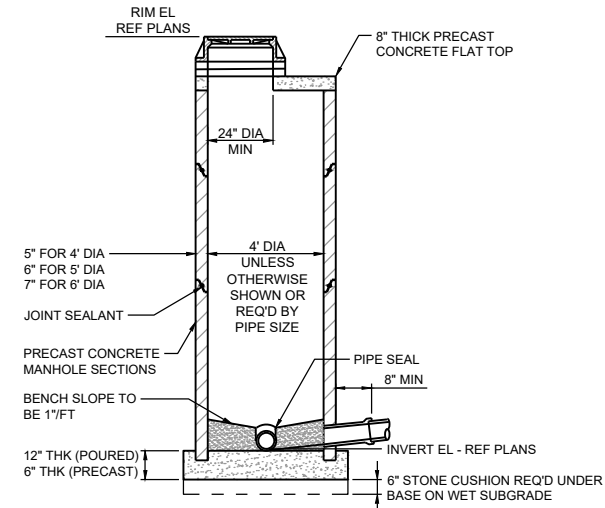
ADJUSTING RINGS:
ADJUST FRAME TO GRADE WITH PRECAST CONCRETE AND COMPOSITE RINGS TOTALING 2" MIN TO 8" MAX. PRECAST RINGS SHALL BE REINFORCED WITH WIRE MESH OR #3 STEEL BARS. TOP RING SHALL NOT BE MORTARED OR EPOXIED UNTIL FINAL ADJUSTMENT.

MANHOLE:
SEE MANHOLE SPEC. PRECAST CONCRETE AND REINFORCEMENT SHALL CONFORM TO ASTM C478. CAST IN PLACE CONCRETE AND REINFORCEMENT SHALL CONFORM TO CONCRETE SPEC.

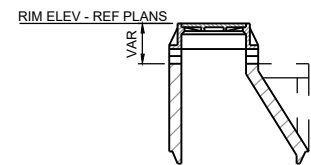
NOTES:
TYPE 'A' INLET PROTECTION REQ'D. FOR ALL CATCH BASINS AFTER INSTALLATION AND BEFORE CURB REPLACEMENT. TYPE 'A' CAN BE REMOVED WHEN THE CURB AND TYPE 'C' INLET PROTECTION IS INSTALLED.

3 CATCH BASIN DETAIL
NOT TO SCALE

CASTING: NEENAH R-1550 NON-ROCKING
ADJUST FRAME TO GRADE WITH A MINIMUM OF TWO ADJUSTING RINGS TOTALING 6" MAX. RINGS 2" AND SMALLER TO BE CRETER PRO-RING OR SIMILAR.
POSITION HOLE IN CONE OR FLAT SLAB OVER DOWNSTREAM INVERT.

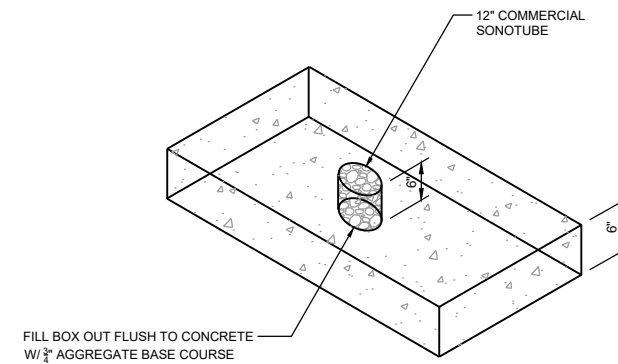


4 STANDARD STORM MANHOLE
NOT TO SCALE

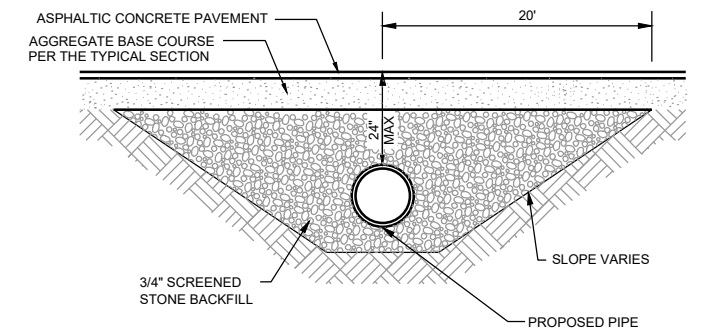


CASTING: NEENAH R1550 NON-ROCKING. PROVIDE NEW CASTING IF NOTED ON PLAN
PROVIDE NEW RINGS. ADJUST FRAME TO GRADE WITH CRETEX PRO-RING OR SIMILAR WITH A MINIMUM OF TWO ADJUSTING RINGS TOTALING 6" TO 12" MAXIMUM.

5 MANHOLE RIM ADJUSTMENT
NOT TO SCALE



6 SIDEWALK BOX-OUT
NOT TO SCALE



7 SHALLOW PIPE BACKFILL
NOT TO SCALE

AA-Standard.snb 2/7/2024 I:\25\Ashwaubenton Village of 05-0121.28 Ashwaubenton Lombardi Access Rd & Brookwood Dr Sidewalk.CADD\Sheets\Plan\Gen Details.dwg, Layout: D-1

DES BY	AMS	PROJ NO	56-0121.28	NO	1	DATE	2/7/2024	REVISION	ADDENDUM NO 1
DR BY	JWS	DATE	FEBRUARY 2024	NO		DATE		REVISION	
CHK BY	TAH	DATE		NO		DATE		REVISION	

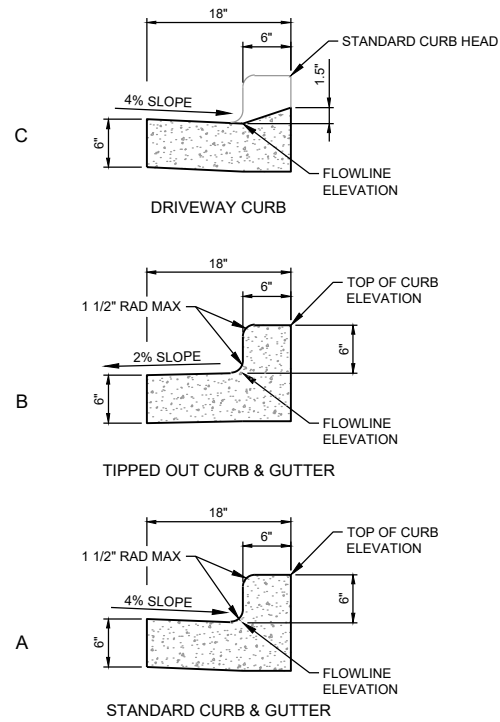
LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON



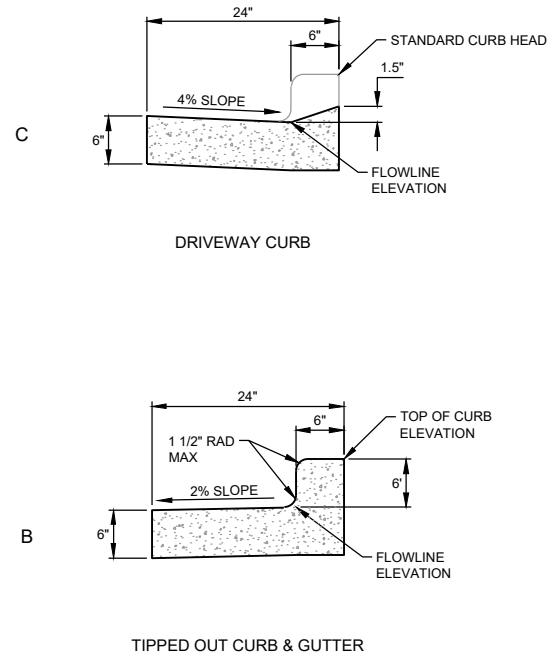
Green Bay, WI 54115
920.498.1200

GENERAL DETAILS

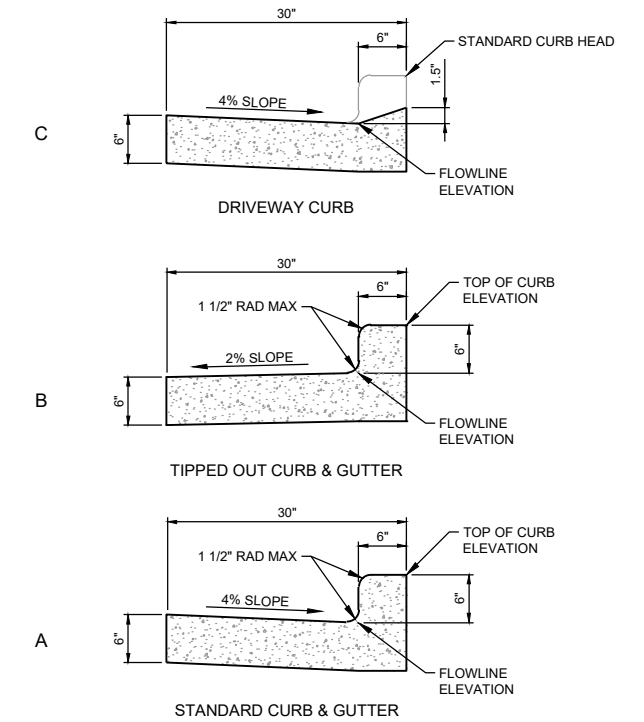
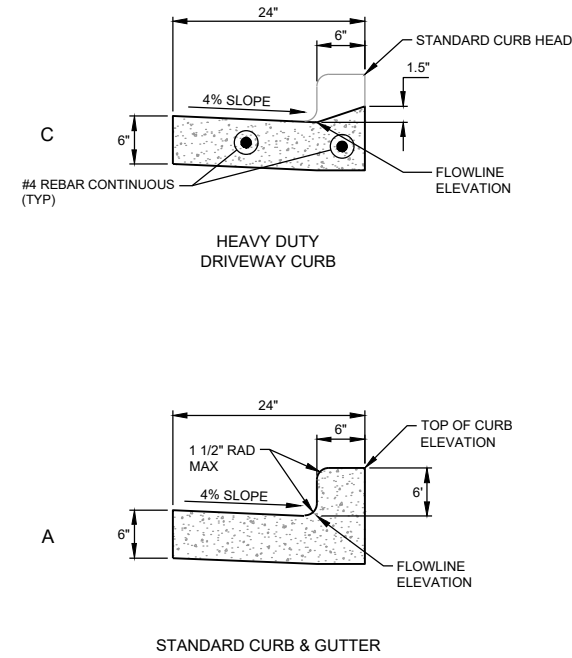
SHEET NO.
D-1



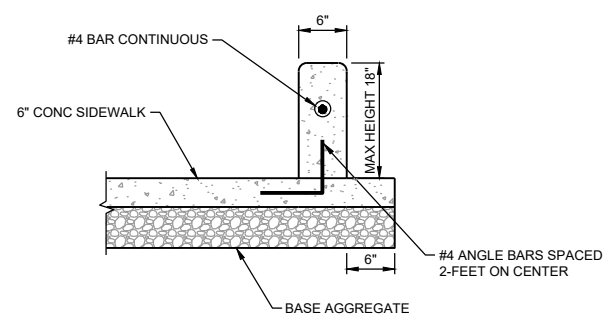
8 18" CONCRETE CURB & GUTTER
NOT TO SCALE



9 24" CONCRETE CURB & GUTTER
NOT TO SCALE

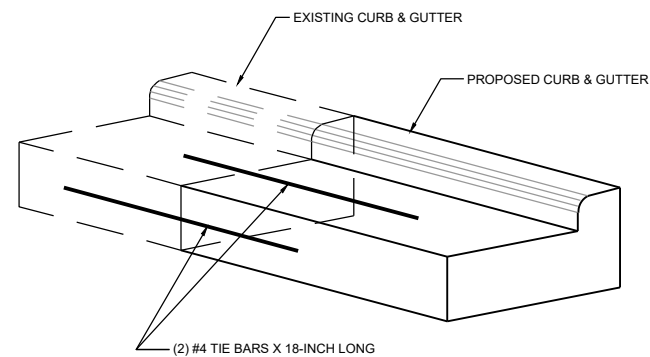


10 30" CONCRETE CURB & GUTTER
NOT TO SCALE



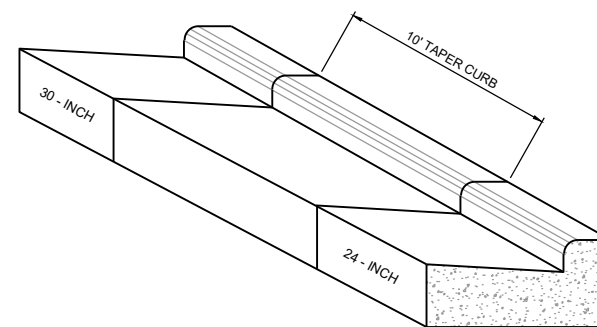
- NOTES:
- CONTRACTION JOINTS IN SIDEWALK TO MATCH ON PED CURB.
 - FOR PED CURB TALLER THAN 6", SIDEWALK SHALL BE POURED FIRST AND ACT AS FOOTING. INSERT ANGLE BARS INTO SIDEWALK DURING FIRST POUR.

11 PED CURB RETAINING WALL
NOT TO SCALE

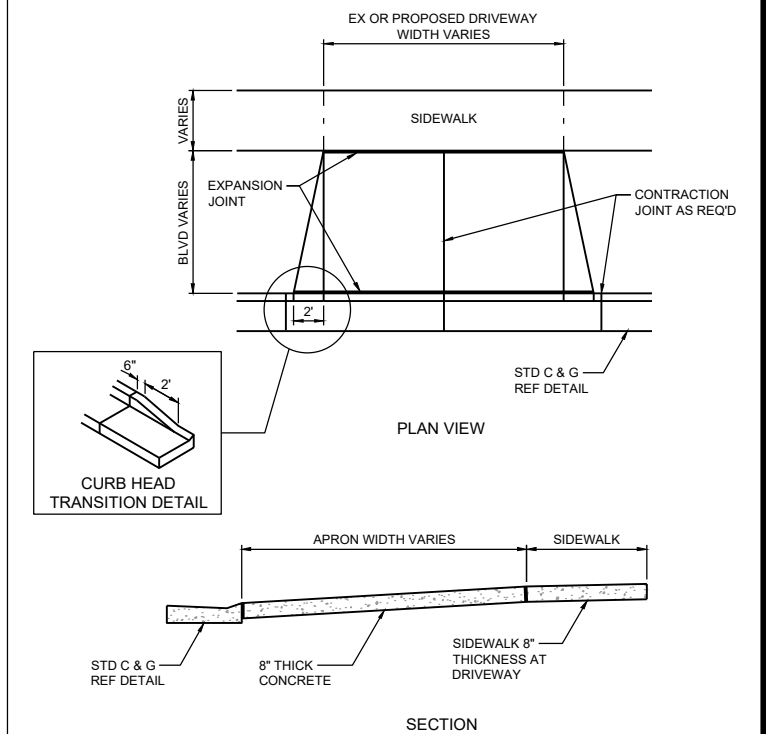


- NOTE:
- CONNECT NEW CURB AND GUTTER TO EXISTING END SECTIONS WITH (2) #4 TIE BARS X 18-INCH LONG. BARS SHALL BE INSERTED INTO 1/2-INCH DIAMETER X 9-INCH DEEP HOLES DRILLED HORIZONTALLY INTO EXISTING CURB.

12 CURB & GUTTER TIE-IN
NOT TO SCALE



13 CURB & GUTTER TRANSITION
NOT TO SCALE



14 CONCRETE DRIVEWAY APRON
2-FOOT TAPER
NOT TO SCALE

AA-Standard.snb 2/7/2024 I:\25\Ashwaubenton Village of 05-0121.28 Ashwaubenton Lombardi Access Rd & Brookwood Dr Sidewalk\CAD\SheetP\in\Gen Details.dwg, Layout: D-2

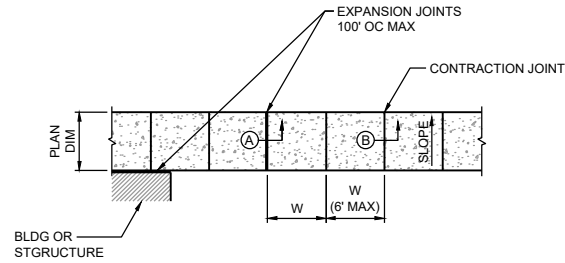
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DR BY	JWS	PROJ NO	56-0121.28		
CHK BY	TAH	DATE	FEBRUARY 2024	NO	DATE
				REVISION	

LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON



GENERAL DETAILS

SHEET NO.
D-2



PLAN - TYPICAL SIDEWALK

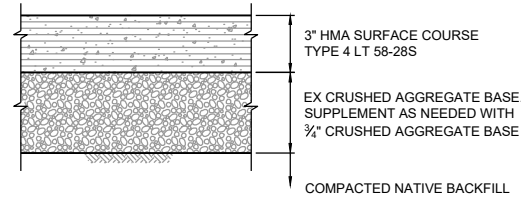


(A) EXPANSION JOINT (B) CONTRACTION JOINT

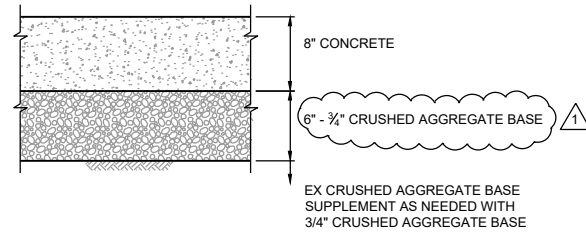
NOTE:

ALL CURB RAMPS TO BE 6-INCH THICKNESS. SIDEWALK THROUGH DRIVEWAYS TO BE 8-INCH THICKNESS.

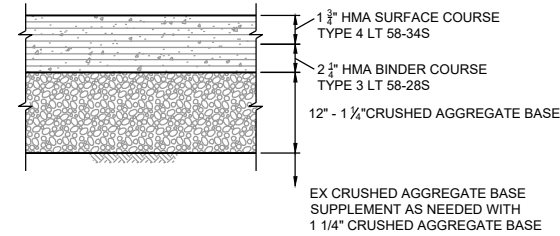
15 SIDEWALK
NOT TO SCALE



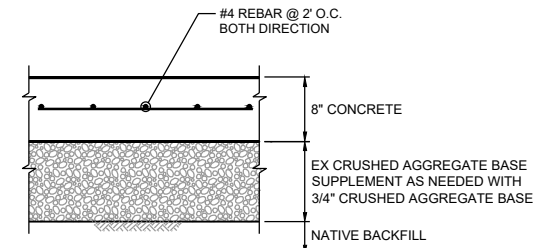
16 ASPHALT SURFACE DRIVEWAY
NOT TO SCALE



17 CONCRETE SURFACE DRIVEWAY
NOT TO SCALE



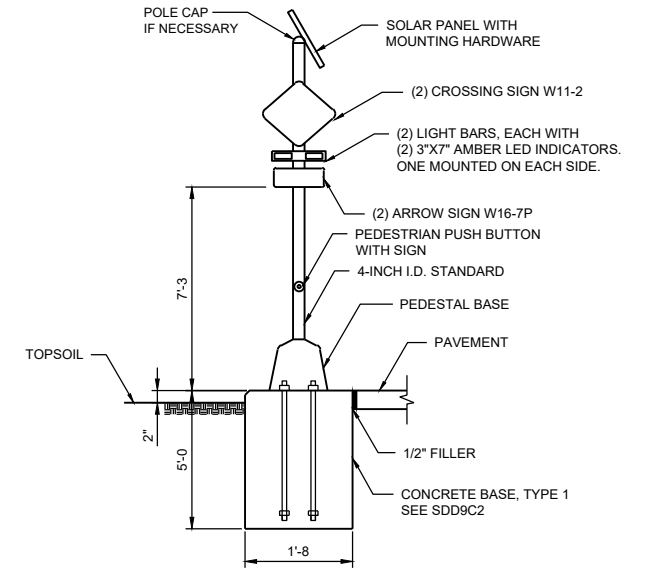
18 ASPHALT ROADWAY REPLACEMENT
NOT TO SCALE



NOTE:

ALL JOINTS TO BE SAW CUT.

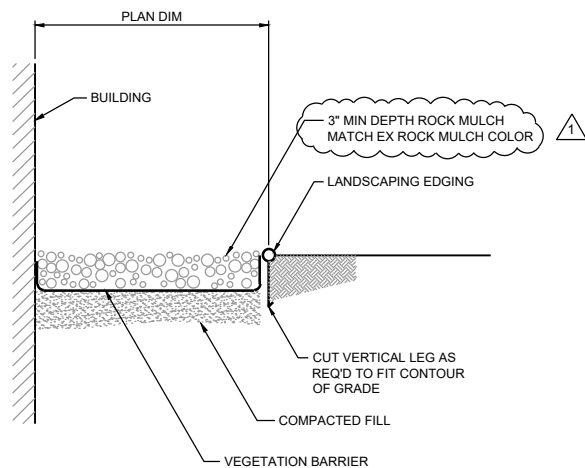
19 GAS STATION CONCRETE REPLACEMENT
NOT TO SCALE



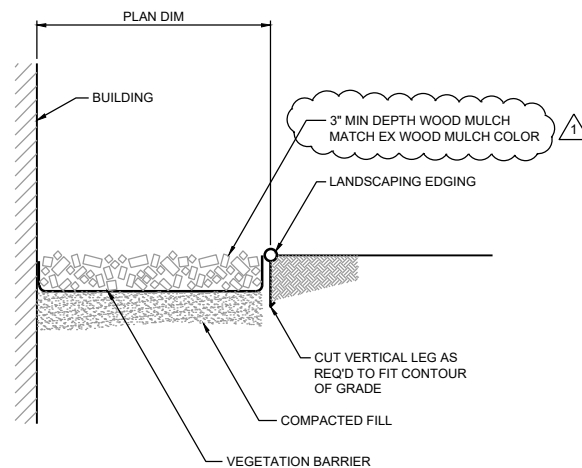
NOTES:

- ANCHOR BOLTS SHALL BE THREADED 12" IN LENGTH ON EACH END. WASHERS AND LOCK WASHERS ARE REQUIRED. ANCHOR ROD SHALL PROJECT 3-INCHES FROM TOP OF CONCRETE BASE.
- CONTROL/BATTERY CABINET SHALL BE LOCATED PER OWNERS PREFERENCE AND WISDOT SPECIFICATIONS.
- MUST MEET REQUIREMENTS OF MUTCD AND ADA.
- ADVANCED NOTIFICATION RRFB ON ARGONNE DOES NOT HAVE DOUBLE SIDED MOUNTING. ALL OTHER LOCATIONS PROVIDE, (2) W11-2 SIGNS, (2) W16-7P SIGNS, AND (2) 3"x7" AMBER LED INDICATORS.

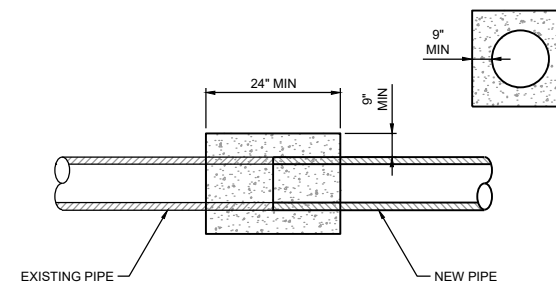
20 SOLAR POWERED PUSH BUTTON ACTIVATED CROSSWALK SYSTEM
NOT TO SCALE



21 MULCH PERIMETER BED (ROCK)
NOT TO SCALE

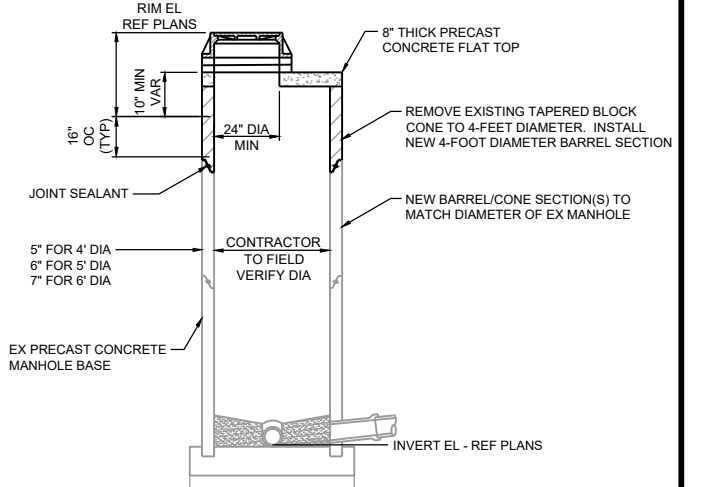


22 MULCH PERIMETER BED (WOOD)
NOT TO SCALE



23 CONCRETE PIPE COLLAR
NOT TO SCALE

CASTING: NEENAH R-1550 NON-ROCKING
ADJUST FRAME TO GRADE WITH A MINIMUM OF TWO ADJUSTING RINGS TOTALING 6" MAX. RINGS 2" AND SMALLER TO BE CRETER PRO-RING OR SIMILAR.



24 RECONSTRUCT STORM MANHOLE
NOT TO SCALE

AA-Standard.snb 2/7/2024 I:\25\Ashwaubenton Village of 05-0121.28 Ashwaubenton Lombardi Access Rd & Brookwood Dr Sidewalk\CADD\SheetPlan\Gen Details.dwg, Layout: D-3

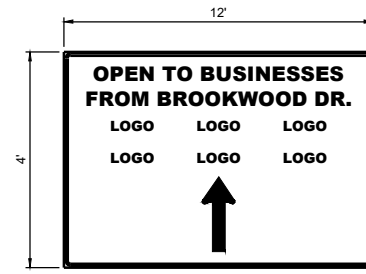
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DR BY	JWS	PROJ NO	56-0121.28		
CHK BY	TAH	DATE	FEBRUARY 2024	NO	DATE
				1	2/7/2024
					ADDENDUM NO 1
					REVISION
					NO
					DATE
					REVISION

LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON

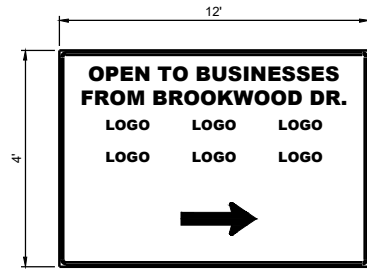


GENERAL DETAILS

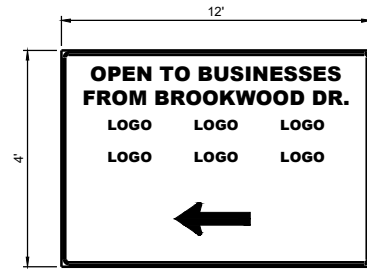
SHEET NO.
D-3



VERSION 1

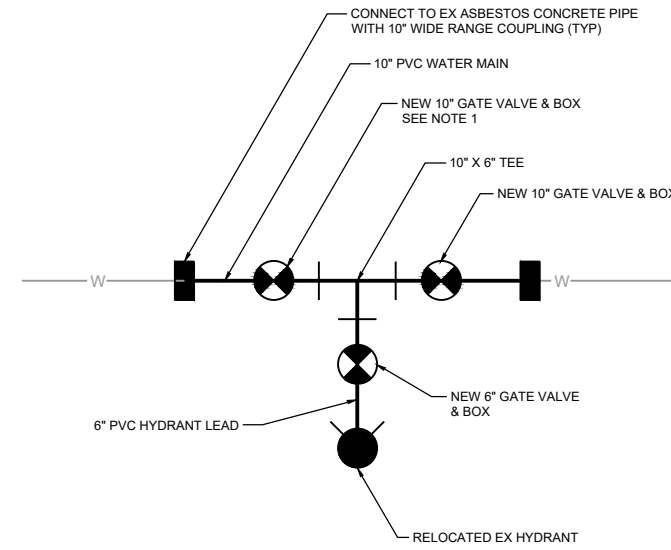


VERSION 2



VERSION 3

25 BUSINESS ACCESS SIGN
NOT TO SCALE



NOTES:

1. IF CONTRACTOR CANNOT PLACE A 6" GATE VALVE AND BOX ON HYDRANT LEAD, A 10" GATE VALVE AND BOX SHALL BE PLACED ON EACH SIDE OF THE TEE.

26 HYDRANT RELOCATION
NOT TO SCALE

AA-Standard.snb
2/7/2024
I:\25\Ashwaubenton Village of 56-0121.28 Ashwaubenton Lombardi Access Rd & Brookwood Dr Sidewalk\CAD\SheetPlan\Gen Details.dwg, Layout: D-4

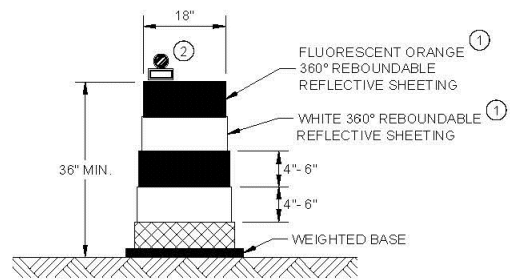
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DR BY	JWS	DATE	FEBRUARY 2024	NO	DATE		REVISION	
CHK BY	TAH	DATE	FEBRUARY 2024	NO	DATE		REVISION	

LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON

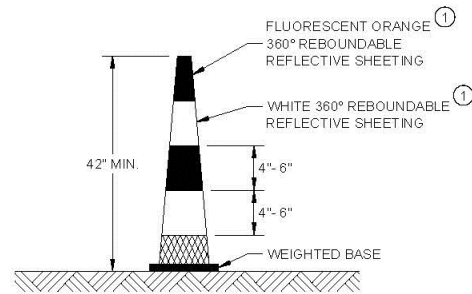


GENERAL DETAILS

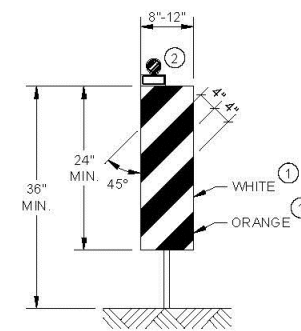
SHEET NO.
D-4



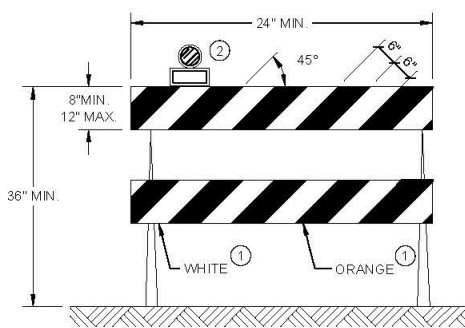
DRUM
BALLAST WIDTHS
RANGE FROM 24"-36"



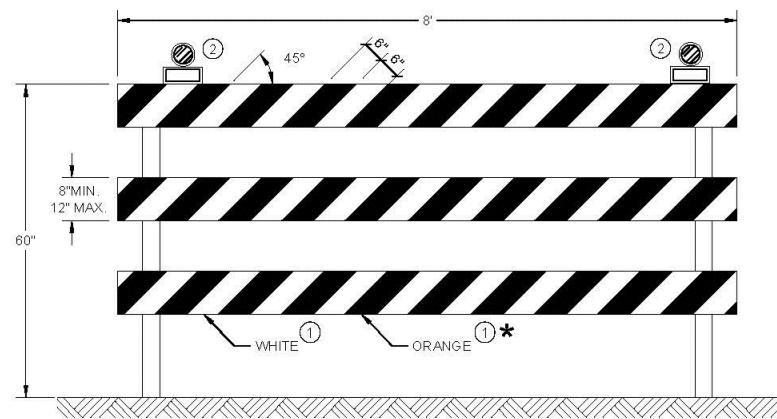
42" CONE
DO NOT USE IN TAPERS
1/2 SPACING OF DRUMS
BALLAST WIDTHS
RANGE FROM 14"-20"



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

- ① REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
- ② LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.

6

6

SDD 15C11 - 10b

SDD 15C11 - 10b

**CHANNELIZING DEVICES
DRUMS, CONES, BARRICADES
AND VERTICAL PANELS**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2022 DATE /S/ Andrew Heidtke
DATE WORK ZONE ENGINEER
PHWA

AA-Standard.sbb 2/7/2024 I:\25\Ashwaubenton Village of 56-0121.28 Ashwaubenton Lombardi Access Rd & Brookwood Dr Sidewalk\CADD\SheetP\in\9\Wisdot Details.dwg_Layout_D-10

DES BY	AMS								
DR BY	JWS	PROJ NO	56-0121.28						
CHK BY	TAH	DATE	FEBRUARY 2024	NO	DATE	REVISION	NO	DATE	REVISION
				1	2/7/2024	ADDENDUM NO 1			

LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON



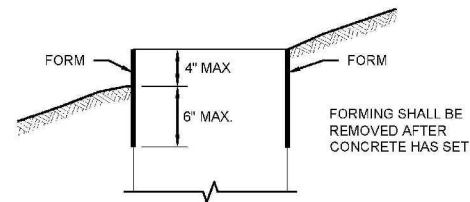
WISDOT DETAILS

SHEET NO.
D-10



SDD 9C2 Concrete Bases, Types 1, 2, 5 & 6

FORM DEPTH SHALL BE NO MORE THAN 6" BELOW GRADE ON THE LOWER SIDE OF BASE



FORMING DETAIL

QUANTITY REQUIREMENTS	CONCRETE BASE TYPE		
	1	2	5 & 6
APPROX. CUBIC YARDS OF CONCRETE	0.40	0.57	0.40
LBS. OF HOOP BAR STEEL	NONE	23	16
LBS. OF VERTICAL BAR STEEL	NONE	60	18

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

BASES SHALL BE EXCAVATED BY USE OF A CIRCULAR AUGER.

TOP SURFACES OF CONCRETE BASES SHALL BE TROWEL FINISHED SMOOTH AND LEVEL.

CONDUIT SIZES AND LOCATIONS SHALL BE SHOWN ON THE PLANS

THE FINAL OR TERMINATING CONCRETE BASE IN A CONDUIT RUN SHALL HAVE A 6" EXIT STUB INSTALLED FOR FUTURE CABLING USE. THE EXIT STUB SHALL BE SIZED AS USED THROUGHOUT THE CONDUIT RUN AS SHOWN AT THE ENTRANCE OF THE BASE.

ENDS OF CONDUIT INSTALLED BELOW GRADE FOR FUTURE USE SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON-METALLIC.

MINIMUM BENDING RADIUS OF CONDUIT IS EQUAL TO 6X THE DIAMETER.

CONDUIT HEIGHT ABOVE CONCRETE BASES SHALL BE 1 INCH. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON-METALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF CONCRETE BASES BEFORE INSTALLATION.

WHEN REQUIRED TO CONNECT NON-METALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

IF A BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE DIRT OR FILL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING AROUND THE BASE. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BARE CONCRETE BASE IN LAYERS OF 1 FOOT OR LESS.

A NO. 4 AWG STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD) FOR TYPE 2, TYPE 5 AND TYPE 6 BASES.

THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE FURNISHED AND INSTALLED TO ENTER ALL BASE TYPES THROUGH A 1 INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4 FOOT COIL OF WIRE ABOVE THE CONCRETE BASE. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

ANCHOR RODS SHALL BE THREADED 12" IN LENGTH ON EACH END OF THE ROD. ANCHOR RODS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 654.2.1 OF THE STANDARD SPECIFICATIONS.

WASHERS AND LOCK WASHERS ARE REQUIRED ON ALL ANCHOR RODS.

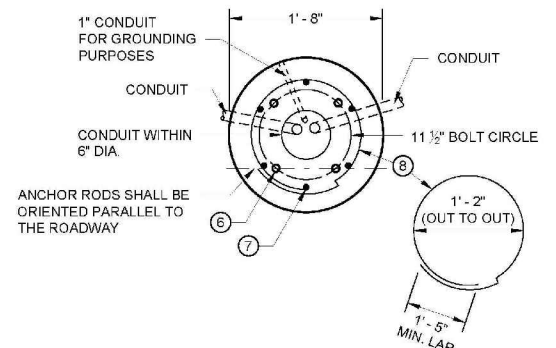
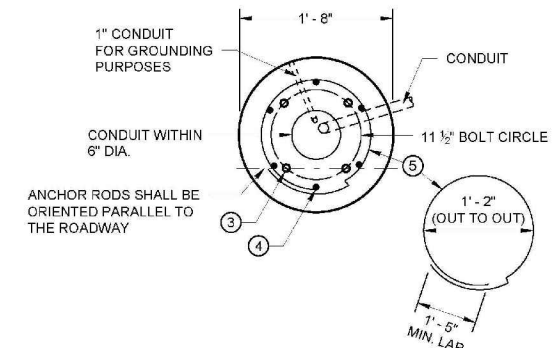
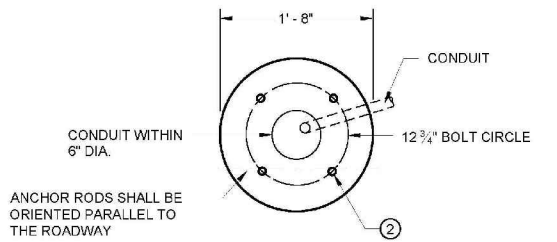
WHEN ANCHOR RODS USING THE ALTERNATE "L" BEND ARE FURNISHED, THE 4 INCH "L" BEND SHALL BE IN ADDITION TO THE SPECIFIED ANCHOR ROD BAR LENGTH. THE "L" BEND SHALL NOT BE THREADED.

ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

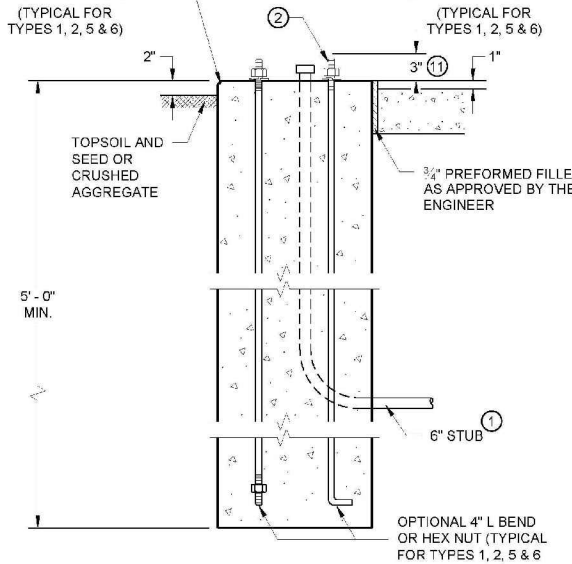
WELDING OF THE ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TIE WIRES SHALL BE USED.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS (LATEST EDITION).

- 1 THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18 INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36 INCHES EXCEPT WITH WRITTEN APPROVAL OF THE ENGINEER.
- 2 (4) 1" DIA. X 3'-6" ANCHOR RODS.
- 3 (4) 1" DIA. X 5'-0" ANCHOR RODS.
- 4 (6) NO. 6 X 6'-8" BAR STEEL REINFORCEMENT.
- 5 (7) NO. 4 X 5'-1" BAR STEEL REINFORCEMENT @ 1'-0" C-C.
- 6 (4) 1" DIA. X 3'-6" ANCHOR RODS.
- 7 (6) NO. 4 X 4'-8" BAR STEEL REINFORCEMENT.
- 8 (5) NO. 4 X 5'-1" BAR STEEL REINFORCEMENT @ 1'-0" C-C.
- 9 EXOTHERMIC CONNECTION TO EQUIPMENT GROUNDING CONDUCTOR
- 10 5/8" DIA. X 8'-0" COPPERCLAD EQUIPMENT GROUNDING ELECTRODE REQUIRED
- 11 ANY ANCHOR ROD PROJECTION SHORTER THAN 2 3/4" OR LONGER THAN 3 1/2" SHALL REQUIRE THE BASE TO BE REMOVED AND REPLACED AT THE CONTRACTORS EXPENSE.
- 12 FOR NON-BREAKAWAY INSTALLATIONS, 4 1/2" ± ANCHOR ROD PROJECTION WITH THE USE OF LEVELING NUTS. RODENT SCREEN REQUIRED.

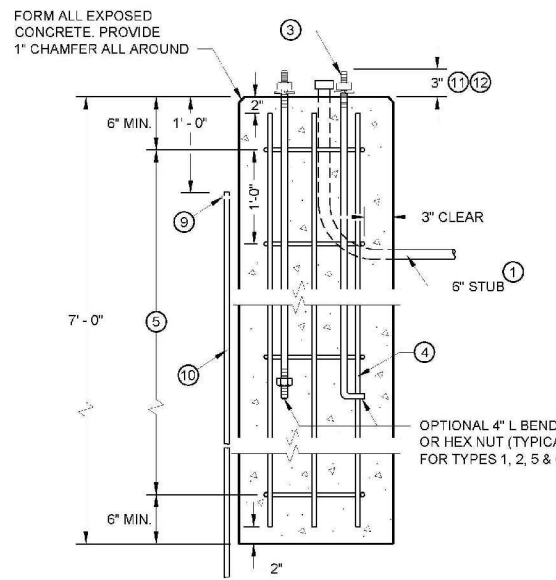


HALF SECTION IN UNPAVED AREA (TYPICAL FOR TYPES 1, 2, 5 & 6)



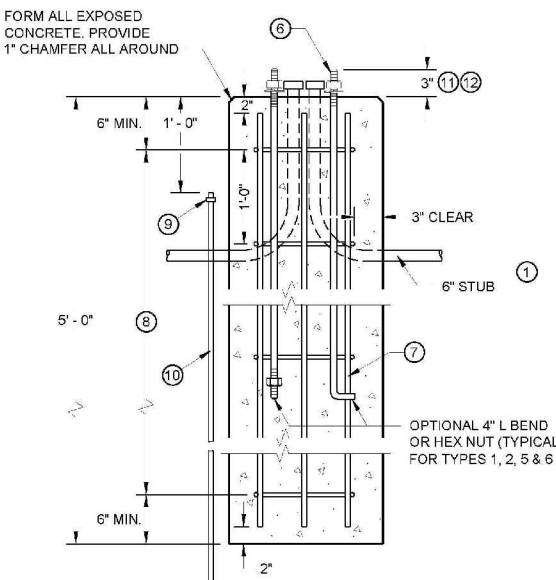
TYPE 1

HALF SECTION IN PAVEMENT (TYPICAL FOR TYPES 1, 2, 5 & 6)



TYPE 2

CONCRETE BASES



TYPE 5 & 6

CONCRETE BASES TYPES 1, 2, 5, & 6	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED May 2019 DATE	IS/ Ahmet Demirebilek STATE ELECTRICAL ENGINEER

6

6

SDD 09C02 - 09

SDD 09C02 - 09

AA-Standard.sbb 2/7/2024 1:25:59 Ashwaubenton Village of 05-0121.28 Ashwaubenton Lombardi Access Rd & Brookwood Dr Sidewalk/CDD/Sheet/Plan/9-Visiod Details.dwg Layout D-11

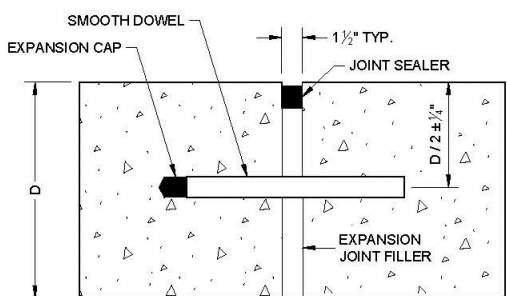
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DR BY	JWS	56-0121.28			
CHK BY	TAH	DATE	NO	DATE	REVISION
		FEBRUARY 2024			

LOMBARDI ACCESS ROAD IMPROVEMENTS AND BROOKWOOD DRIVE SIDEWALK VILLAGE OF ASHWAUBENON

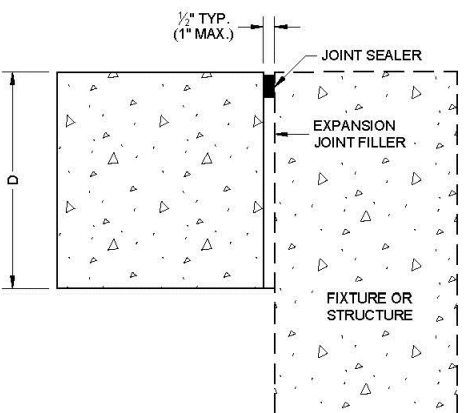


WISDOT DETAILS

SHEET NO. D-11



DOWELED TRANSVERSE ①



UNTIED - LONGITUDINAL

EXPANSION JOINTS

TIE BAR TABLE

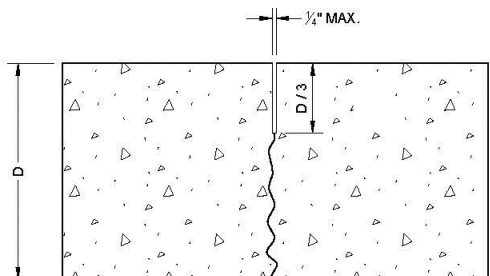
PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 1/2"	NO. 4	30"	36"
≥ 10 1/2"	NO. 5	36"	36"
	NO. 4*	30"	24**

* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)
 ** CONFORM TO 15" MINIMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.

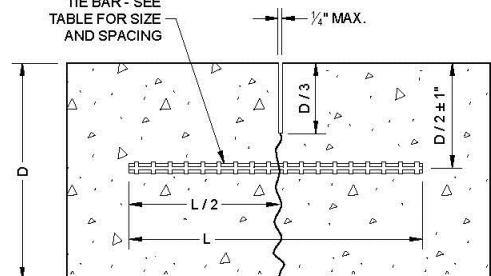
GENERAL NOTES

- ① USE DOWELED EXPANSION JOINTS ON SIDE ROADS AT INTERSECTIONS (TO ISOLATE THE SIDE ROAD FROM THE THROUGH STREET) IF THE SIDE ROAD IS CONCRETE PAVEMENT AND GREATER THAN 300 FEET IN LENGTH.
- ② SPACE CONTRACTION JOINTS IN ACCORDANCE WITH SDD 13C4, 13C11 OR 13C13.
- ③ LOCATE CONSTRUCTION JOINTS A MINIMUM OF 6 FEET FROM THE NEAREST CONTRACTION JOINT AND ALIGN PARALLEL TO CONTRACTION JOINTS.
- ④ CONSTRUCTION JOINTS CAN BE FORMED OR SAWED.
- ⑤ IF JOINT IS FORMED, PROVIDE A 1/4" RADIUS.
- ⑥ ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

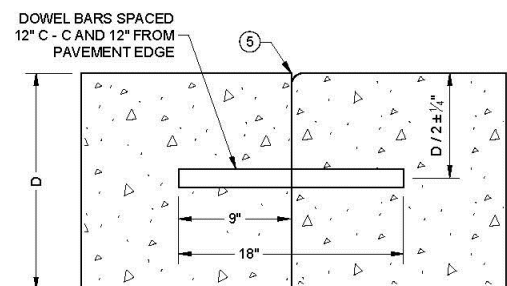
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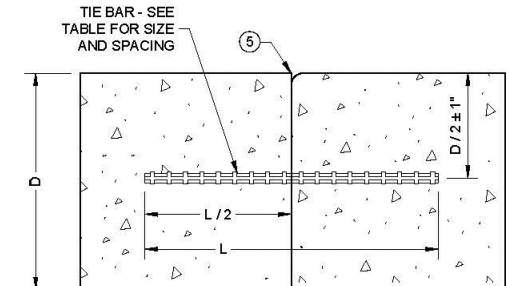
UNDOWELED TRANSVERSE



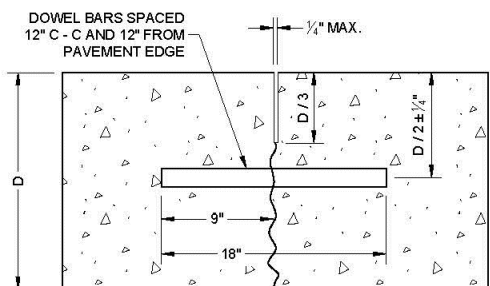
TIED LONGITUDINAL



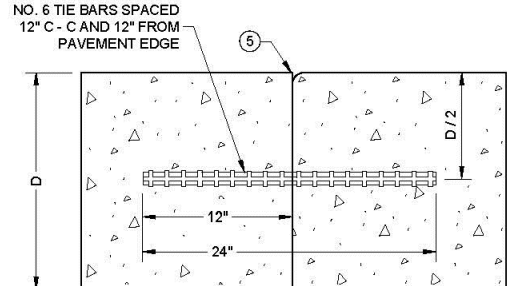
DOWELED TRANSVERSE ③



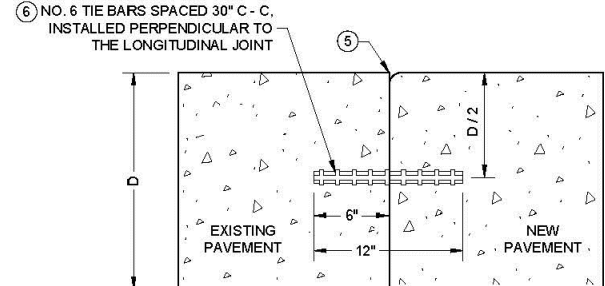
TIED LONGITUDINAL



DOWELED TRANSVERSE



TIED TRANSVERSE ③
(FOR USE ON NON-DOWELED PAVEMENTS ONLY)



TIED LONGITUDINAL TO EXISTING

CONTRACTION JOINTS ②

CONSTRUCTION JOINTS ④

SDD 13C18 - 08C

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SDD 13C18 - 08C

CONCRETE PAVEMENT JOINT TYPES
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

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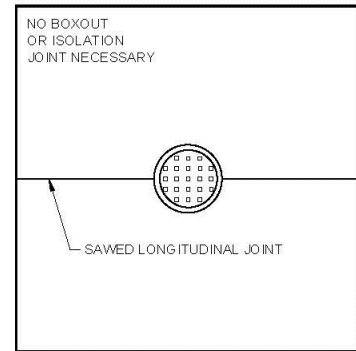
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DR BY	JWS	DATE	FEBRUARY 2024	NO	DATE		REVISION	
CHK BY	TAH	DATE	FEBRUARY 2024	NO	DATE		REVISION	

LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON

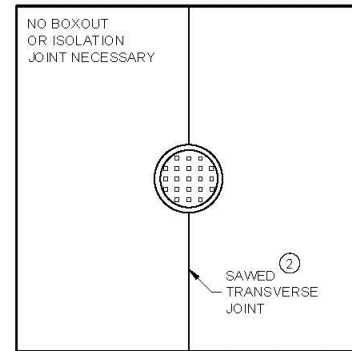


WISDOT DETAILS

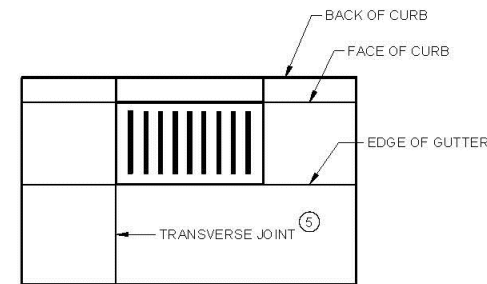
SHEET NO.
D-12



MANHOLE WITH LONGITUDINAL JOINT



MANHOLE WITH TRANSVERSE JOINT

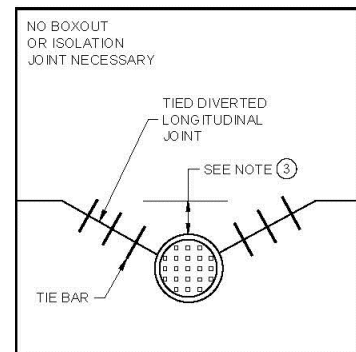


INLET WITH TRANSVERSE JOINT

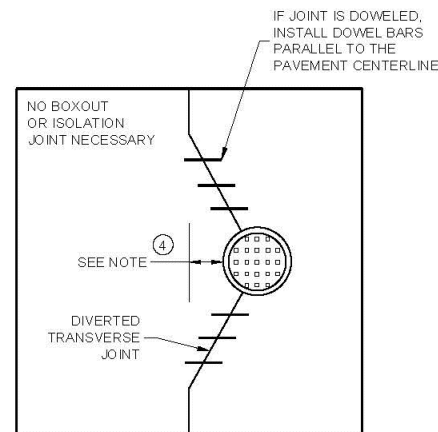
GENERAL NOTES

- ① USE BOXOUTS WHEN UTILITY STRUCTURE IS IN THE PATH OF CONSTRUCTION JOINTS. PROVIDE A 1 FOOT MINIMUM CLEARANCE BETWEEN THE EXTERIOR LIMIT OF THE STRUCTURE TO THE DIAMOND BOXOUT.
- ② ADJUST TRANSVERSE JOINT TO INTERSECT MANHOLE IF POSSIBLE.
- ③ IF DISTANCE BETWEEN THE LONGITUDINAL JOINT AND THE EDGE OF MANHOLE IS 2 FEET OR LESS, DIVERT THE LONGITUDINAL JOINT AT A 2:1 TAPER RATE TO THE CENTER OF THE MANHOLE. IF THE DISTANCE IS GREATER THAN 2 FEET, DO NOT DIVERT THE JOINT AND SAW AS NORMAL. PLACE REINFORCEMENT REBAR AROUND THE MANHOLE.
- ④ IF THE DISTANCE FROM THE EDGE OF THE MANHOLE TO THE NEAREST TRANSVERSE JOINT IS LESS 4 FEET OR LESS, REDIRECT JOINT TO INTERSECT THE CENTER OF THE MANHOLE. IF DISTANCE IS GREATER THAN 4 FEET, DO NOT DIVERT THE JOINT AND SAW AS NORMAL. PLACE REINFORCEMENT REBAR AROUND THE MANHOLE.
- ⑤ ALIGN TRANSVERSE JOINT WITH ONE EDGE OF INLET WHEN PRACTICAL.

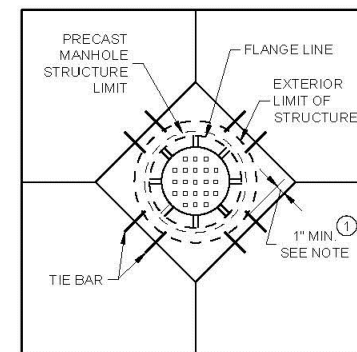
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MANHOLE WITH DIVERTED LONGITUDINAL CONTRACTION JOINT



MANHOLE WITH DIVERTED TRANSVERSE CONTRACTION JOINT



DIAGONAL MANHOLE BOXOUT FOR CONSTRUCTION JOINTS

6

SDD 13C18 - 08d

SDD 13C18 - 08d

CONCRETE PAVEMENT JOINTING AT UTILITY FIXTURES	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED May 2023 DATE	/s/ Peter Kemp P.E. PAVEMENT SUPERVISOR

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2/7/2024
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DR BY	JWS	DATE	FEBRUARY 2024	NO	DATE		REVISION	
CHK BY	TAH	DATE	FEBRUARY 2024	NO	DATE		REVISION	

LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON



WISDOT DETAILS

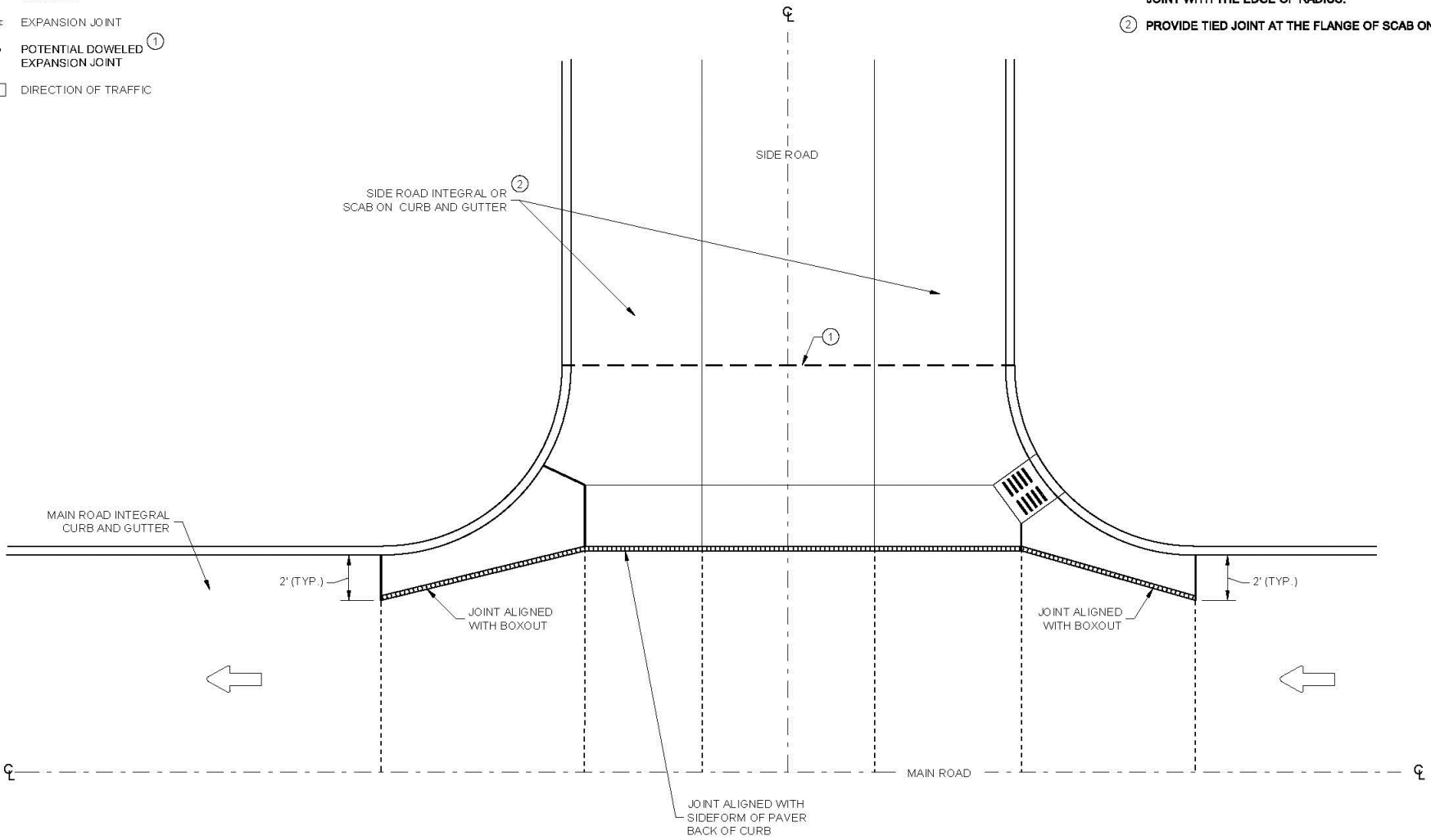
SHEET NO.
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SDD 13C18 - 08f

- LEGEND**
- DOWELED JOINT
 - TIED JOINT
 - ||||| EXPANSION JOINT
 - ①— POTENTIAL DOWELED EXPANSION JOINT
 - ← DIRECTION OF TRAFFIC

- GENERAL NOTES**
- ① CONSTRUCT DOWELED EXPANSION JOINT ON THE SIDE ROAD OF AN INTERSECTION IF THE SIDE ROAD IS CONCRETE PAVEMENT AND GREATER THAN 300 FEET IN LENGTH. ALIGN EXPANSION JOINT WITH THE EDGE OF RADIUS.
 - ② PROVIDE TIED JOINT AT THE FLANGE OF SCAB ON CURB IF SCAB ON CURB AND GUTTER IS USE.



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INTERSECTION BOXOUT FOR INTEGRAL CURB AND GUTTER

**CONCRETE PAVEMENT
INTERSECTION BOXOUT FOR
INTEGRAL CURB AND GUTTER**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/s/ Peter Kemp P.E.
PAVEMENT SUPERVISOR

AA-Standard.sbb
2/7/2024
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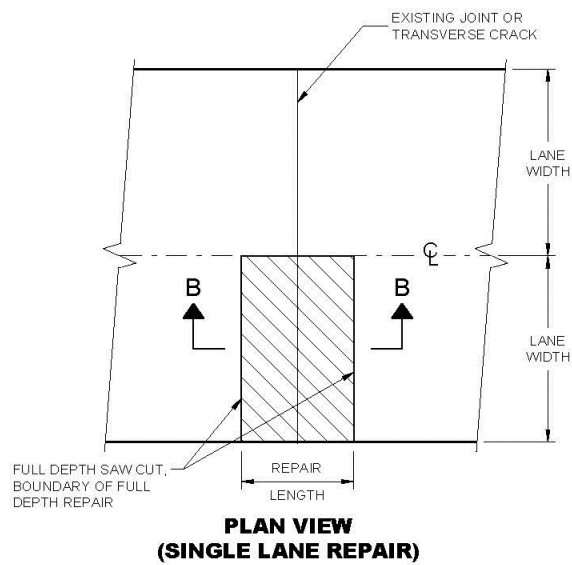
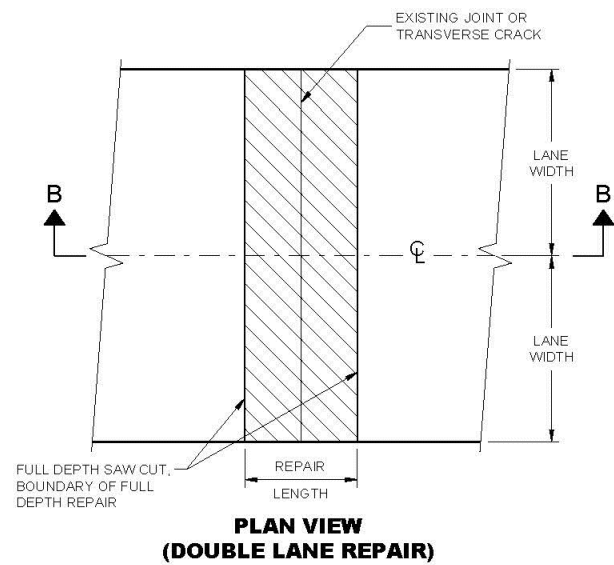
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DR BY	JWS	PROJ NO	56-0121.28				
CHK BY	TAH	DATE	FEBRUARY 2024	NO	DATE	REVISION	
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LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON

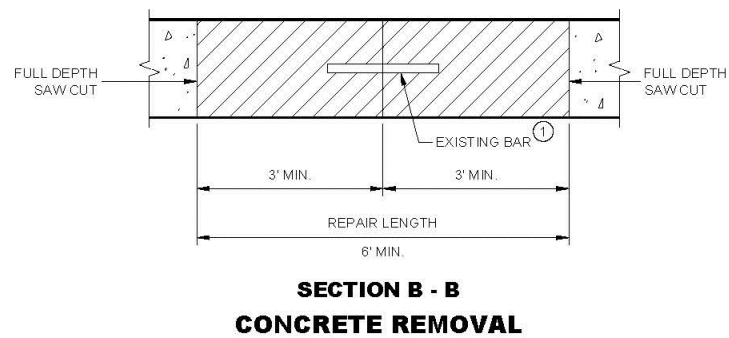


WISDOT DETAILS

SHEET NO.
D-14



FULL DEPTH CONCRETE PAVEMENT REMOVAL



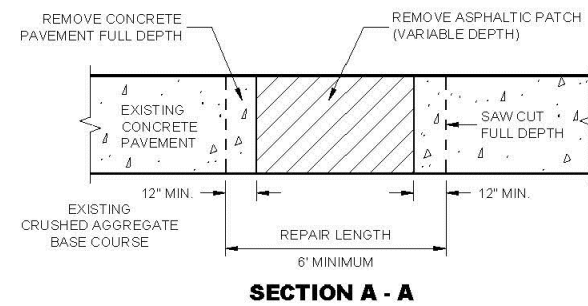
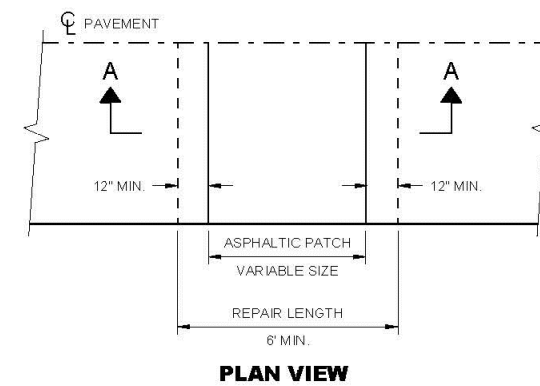
GENERAL NOTES

SAW CUT, DRILL, AND LIFT OUT EXISTING CONCRETE PAVEMENT WITHIN THE BOUNDARIES OF CONCRETE REPAIR AREAS. THE CONTRACTOR MAY MAKE ADDITIONAL SAW CUTS INSIDE THE REPAIR LIMITS TO REDUCE WEIGHT AND SIZE OF CONCRETE PIECES.

PROVIDE A 6 FOOT MINIMUM DISTANCE FROM BOUNDARIES OF CONCRETE REPAIR AREA TO ADJACENT TRANSVERSE JOINT OR CRACK.

THE LENGTH OF THE REPAIRS MAY VARY FROM THE DIMENSIONS SHOWN IF THE EXISTING CONCRETE PAVEMENT IS NON-DOWELED AND THE PAVEMENT IS TO BE OVERLAID AFTER REPAIRING.

① DOWEL BARS MAY NOT BE PRESENT.



**CONCRETE PAVEMENT
REPAIR AND REPLACEMENT**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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SDD 13C09 - 17a

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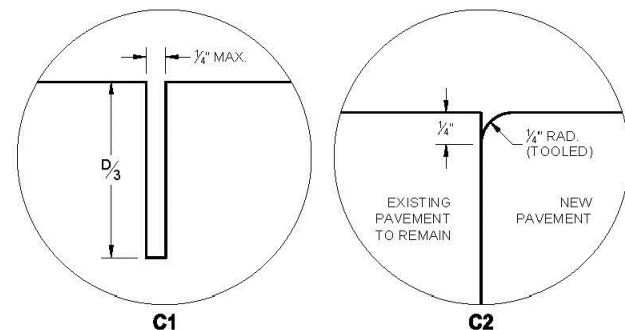
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LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON

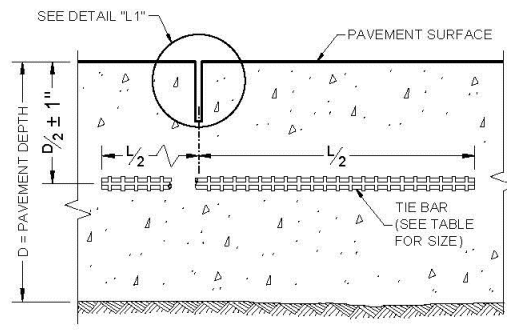


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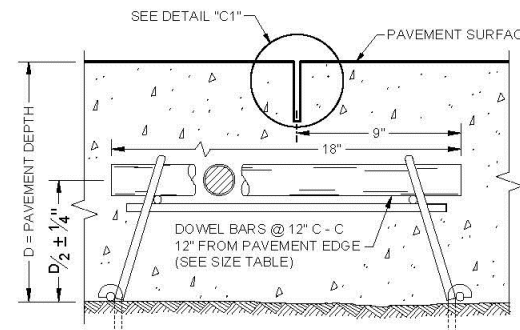
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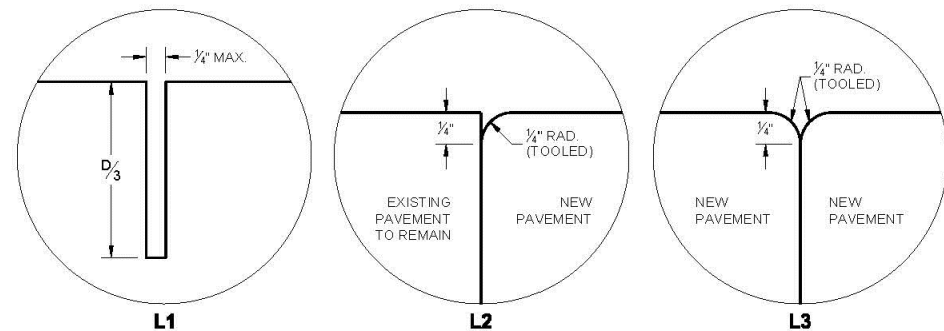
C1 C2
TRANSVERSE JOINTS



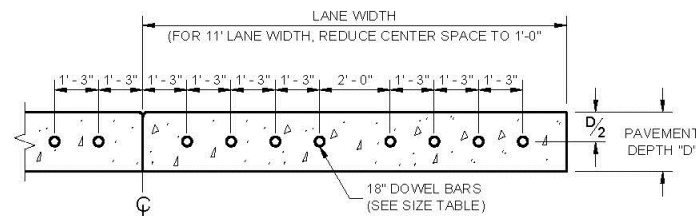
SECTION C - C
SAWED LONGITUDINAL JOINT



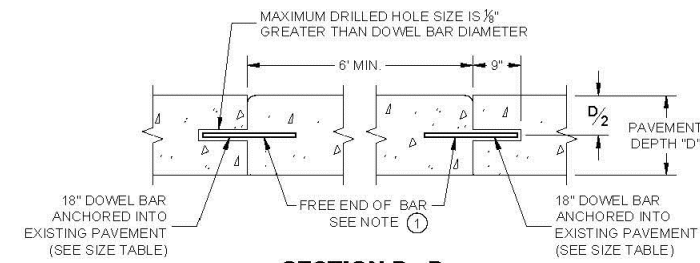
SECTION F - F
DOWELED CONTRACTION JOINT



L1 L2 L3
LONGITUDINAL JOINTS



SECTION E - E
DRILLED DOWEL BAR CONSTRUCTION JOINT



SECTION D - D

TIE BAR TABLE

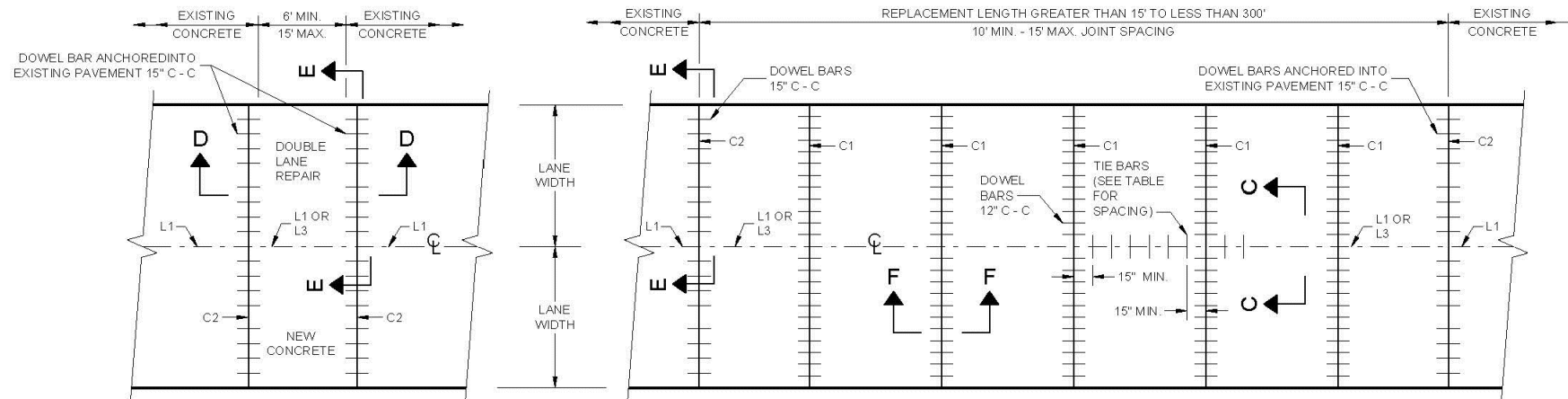
PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 1/2"	NO. 4	30"	36"
≥ 10 1/2"	NO. 5	36"	36"
	NO. 4 *	30"	24**

* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

** CONFORM TO 15" MINIMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.

PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	DRILLED DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
6", 6 1/2"	NONE	NONE	12'
7", 7 1/2"	1"	1"	14'
8" & ABOVE	1 1/4"	1 1/4"	15'



PLAN VIEW
MULTILANE CONCRETE PAVEMENT REPAIR

PLAN VIEW
MULTILANE CONCRETE PAVEMENT REPLACEMENT

CONCRETE PAVEMENT REPAIR AND REPLACEMENT
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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SDD 13C09 - 17b

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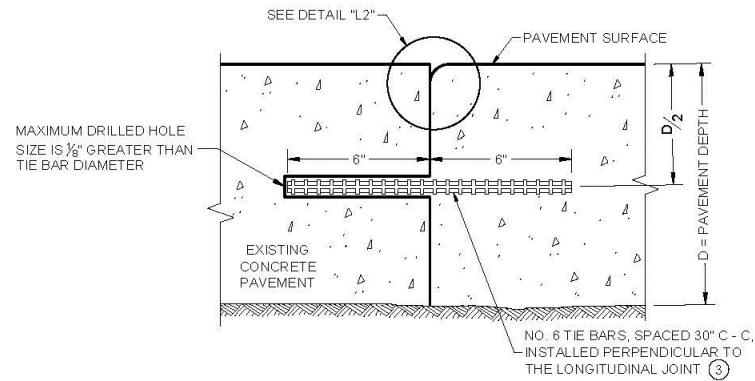
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DR BY	JWS	56-0121.28	1	2/7/2024	ADDENDUM NO 1			
CHK BY	TAH	FEBRUARY 2024						

LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON



WISDOT DETAILS

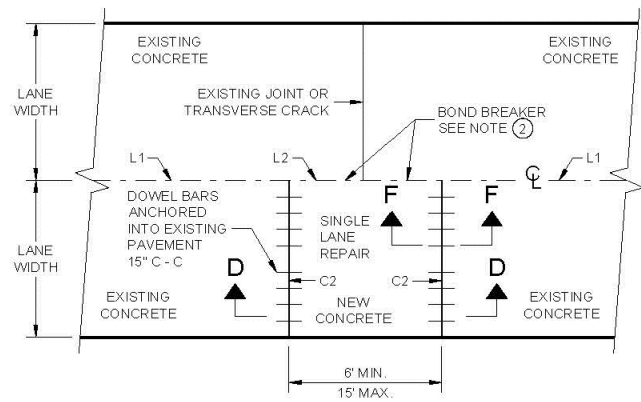
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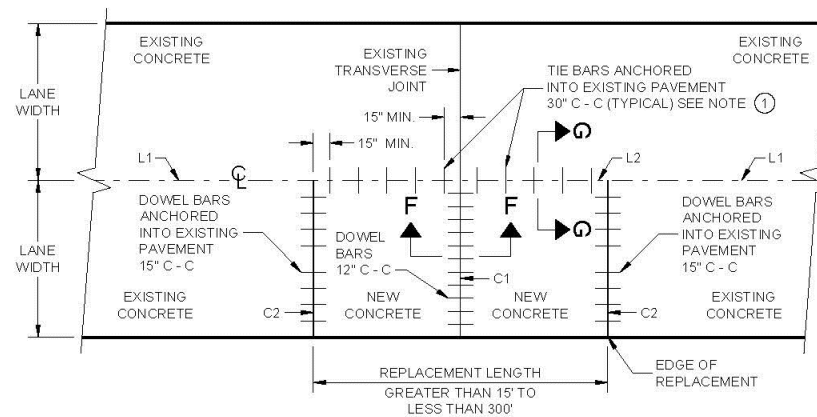
SECTION G - G
TIE BARS ANCHORED INTO EXISTING PAVEMENT

GENERAL NOTES

- ① WITH THE APPROVAL OF THE ENGINEER, FOR SINGLE LANE PAVEMENT REPLACEMENTS LESS THAN 30 FEET IN LENGTH, THE CONTRACTOR MAY INSTALL DRILLED TIE BARS ON 8:1 SKEW HORIZONTALLY, DIRECTION OF SKEW ALTERNATING WITH EACH SUCCESSIVE BAR. DRIVE SKEWED TIE BARS TO A DEPTH OF 6 INCHES IN A HOLE OF SUCH A DIAMETER AS TO PROVIDE A TIGHT DRIVEN FIT.
- ② USE AN ENGINEER APPROVED BOND BREAKER (E.G. RELEASE AGENT, CURING COMPOUND) FOR SINGLE LANE REPAIRS UP TO 15 FEET IN LENGTH.
- ③ ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.



PLAN VIEW
SINGLE LANE CONCRETE PAVEMENT REPAIR



PLAN VIEW
SINGLE LANE CONCRETE PAVEMENT REPLACEMENT

CONCRETE REPAIR AND REPLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2022 /S/ Peter Kemp P.E.
DATE PAVEMENT SUPERVISOR

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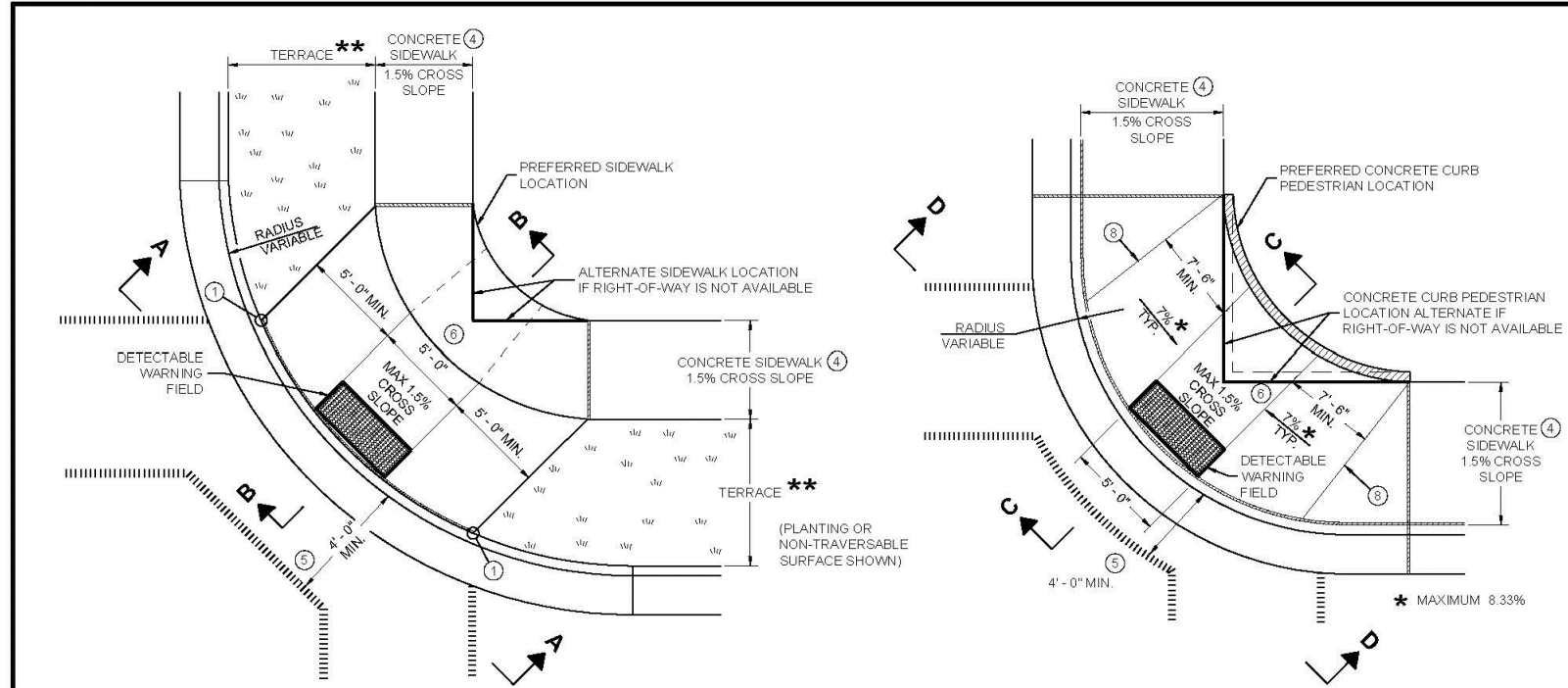
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LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON



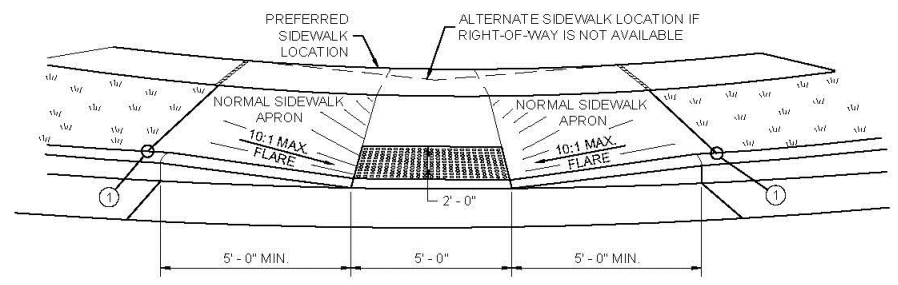
WISDOT DETAILS

SHEET NO.
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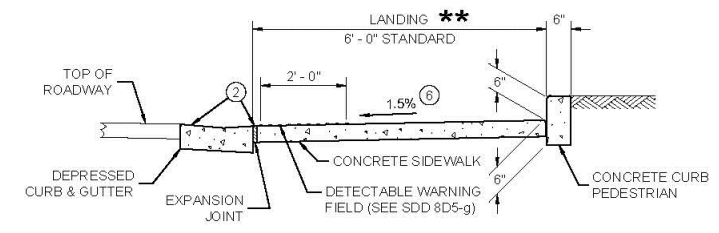


**PLAN VIEW
CURB RAMP TYPE 1
(CENTER OF CORNER RADIUS)**

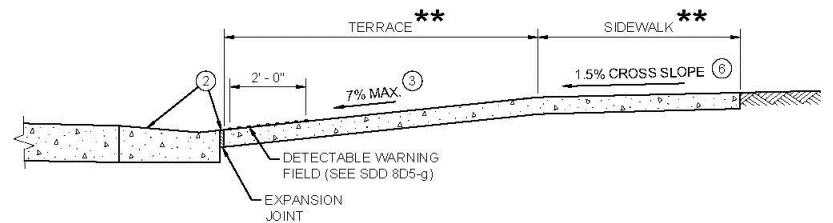
**PLAN VIEW
CURB RAMP TYPE 1 - A
(NO TERRACE)**



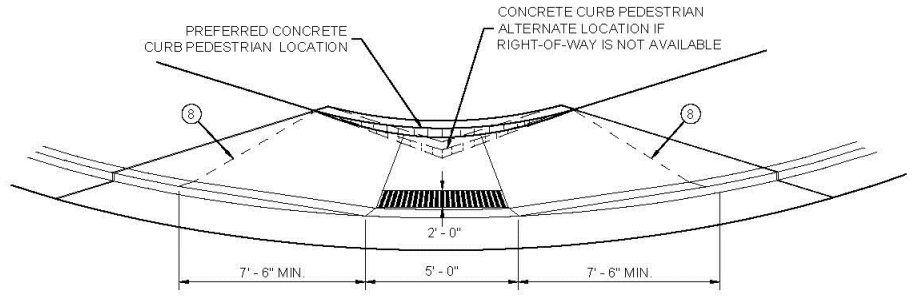
VIEW A - A FOR TYPE 1



SECTION C - C FOR TYPE 1 - A



SECTION B - B FOR TYPE 1



VIEW D - D FOR TYPE 1 - A

GENERAL NOTES

- AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.
- DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.
- WHEN NECESSARY, THE SIDEWALK ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE RAMP.
- TYPE 1 CURB RAMPS SHALL HAVE A NORMAL SIDEWALK APRON AND CURB ON BOTH SIDES OF RAMP.
- DETECTABLE WARNING FIELD SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS "CURB RAMP DETECTABLE WARNING FIELD". THE CONCRETE PEDESTRIAN CURB, IF NEEDED, SHALL BE MEASURED AND PAID BY THE LINEAR FOOT AS "CONCRETE CURB PEDESTRIAN". CONCRETE SIDEWALK IN THE CURB RAMP AREA SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS CONCRETE SIDEWALK, INCLUDING THE AREA UNDER THE DETECTABLE WARNING FIELD.
- SELECT CURB RAMP DETECTABLE WARNING FIELD MATERIALS AND DEVICES FROM THE DEPARTMENT'S APPROVED MATERIALS LIST. THE COLOR OF THE DETECTABLE WARNING FIELD IS SPECIFIED ELSEWHERE AND IS INCIDENTAL TO THE BID ITEM OF "CURB RAMP DETECTABLE WARNING FIELD".
- DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.
- SURFACE TEXTURE OF THE RAMP SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE SLOPE OF THE RAMP.
- 1 THIS POINT IS AN EXTENSION OF OUTSIDE EDGE OF APPROACHING SIDEWALK WHERE IT MEETS THE BACK OF CONCRETE CURB. POINT LOCATION MAY BE ADJUSTED TO ALIGN WITH BEGINNING OF FULL-HEIGHT CURB IF THIS DISTANCE IS SHORT.
- 2 GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/8" INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7% WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.
- 3 MAXIMUM 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.
- 4 ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
- 5 PROVIDE A LEVEL LANDING IN THE STREET AND GUTTER AREA (2% MAXIMUM SLOPE IN ANY DIRECTION). WHEN THE GUTTER SLOPE EXCEEDS 2%, CONSTRUCT THE LEVEL LANDING IN THE STREET AREA. 4 FOOT WIDTH IS MEASURED FROM THE FLANGE LINE.
- 6 PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.
- 8 PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

LEGEND

- 1/2" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

**CURB RAMPS
TYPE 1 AND 1-A**

STATE OF WISCONSIN
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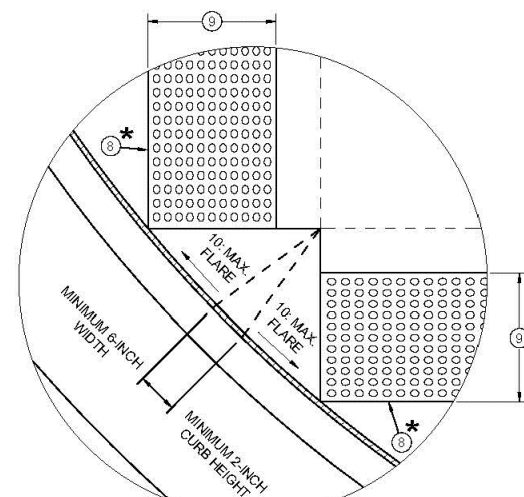
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DR BY	JWS	PROJ NO	56-0121.28						
CHK BY	TAH	DATE	FEBRUARY 2024	NO	DATE	REVISION	NO	DATE	REVISION
				1	2/7/2024	ADDENDUM NO 1			

LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON

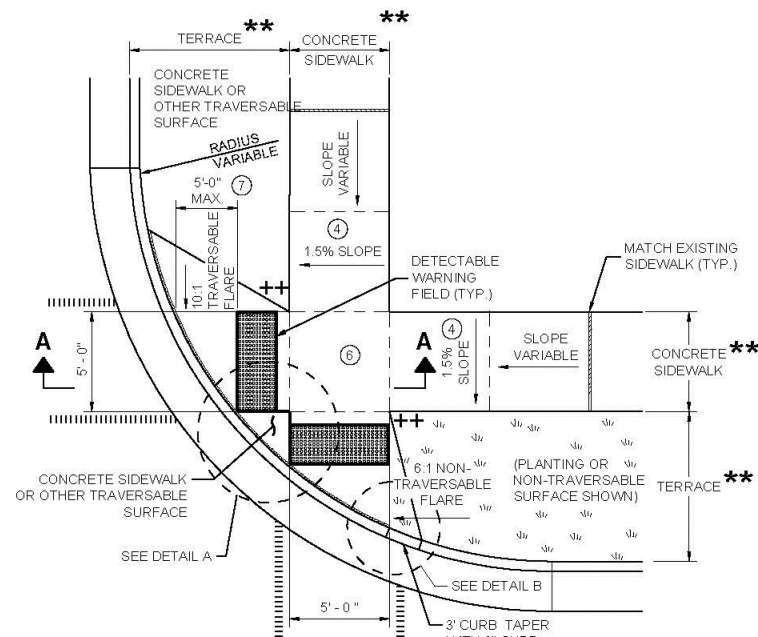


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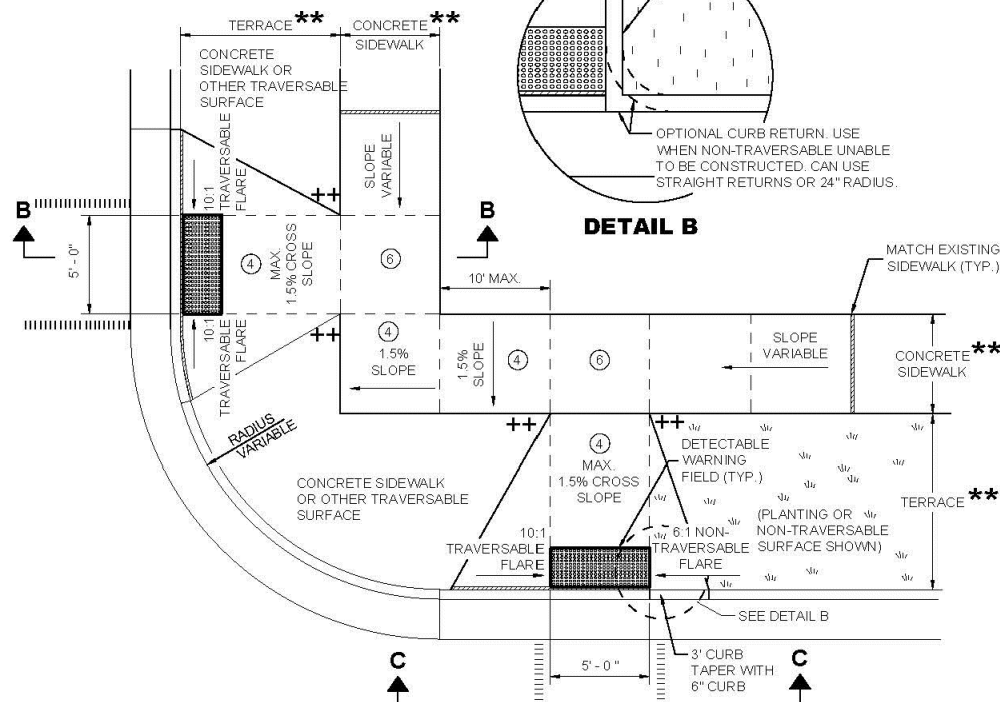
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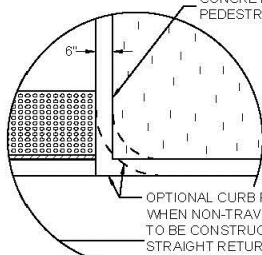
DETAIL A



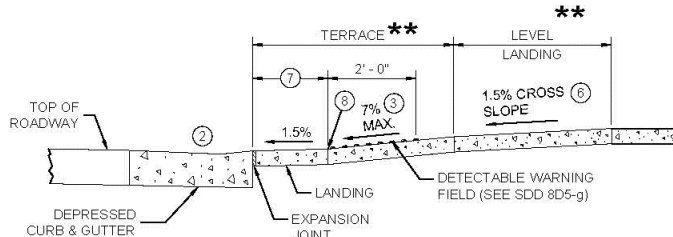
PLAN VIEW
CURB RAMP TYPE 2
(CENTER OF CORNER RADIUS)



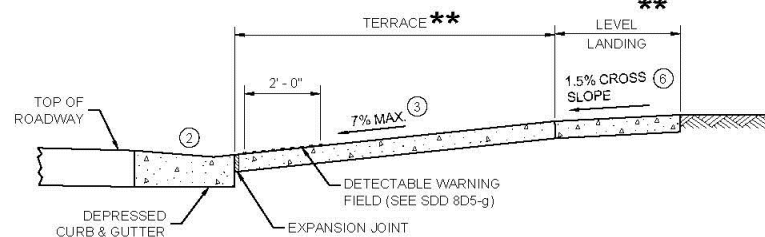
PLAN VIEW
CURB RAMP TYPE 3
(OUTSIDE OF CROSSWALK AREA)



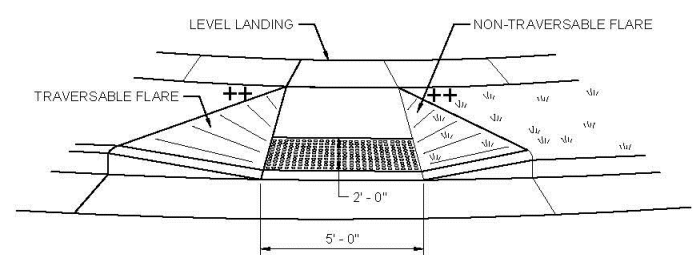
DETAIL B



SECTION A - A FOR TYPE 2



SECTION B - B FOR TYPE 3



VIEW C - C FOR TYPE 3

GENERAL NOTES

- AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.
- DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.
- DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE SHALL BE FROM THE SAME MANUFACTURER.
- GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/8" INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.
- AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE (2.67% OR LESS) AND NOT TO EXCEED 11% GRADE CHANGE.
- ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
- PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET X 5 FEET.
- WHEN GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.
- PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.
- WHEN DISTANCE IS LESS THAN 6'-0", IT MAY BE DIFFICULT TO ACHIEVE A 7% SLOPE OR FLATTER ALONG THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 7% SLOPE OR FLATTER ON RAMP. CONSTRUCT 2-INCH MINIMUM CURB HEIGHT BETWEEN 10:1 FLARES.

- * MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK
- ** WIDTH SHOWN ELSEWHERE IN THE PLANS
- ++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

LEGEND

- EXPANSION JOINT SIDEWALK
- - - CONTRACTION JOINT SIDEWALK
- ||||| PAVEMENT MARKING CROSSWALK (WHITE)

**CURB RAMPS
TYPE 2 AND 3**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

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SDD 08D05-21b

SDD 08D05-21b

AA-Standard.sbb 2/7/2024 1:25:54 Ashwaubenton Village of 05-0121.28 Ashwaubenton Lombardi Access Rd & Brookwood Dr Sidewalk CADD Sheet Plan 19-Village Details.dwg Layout: D-19

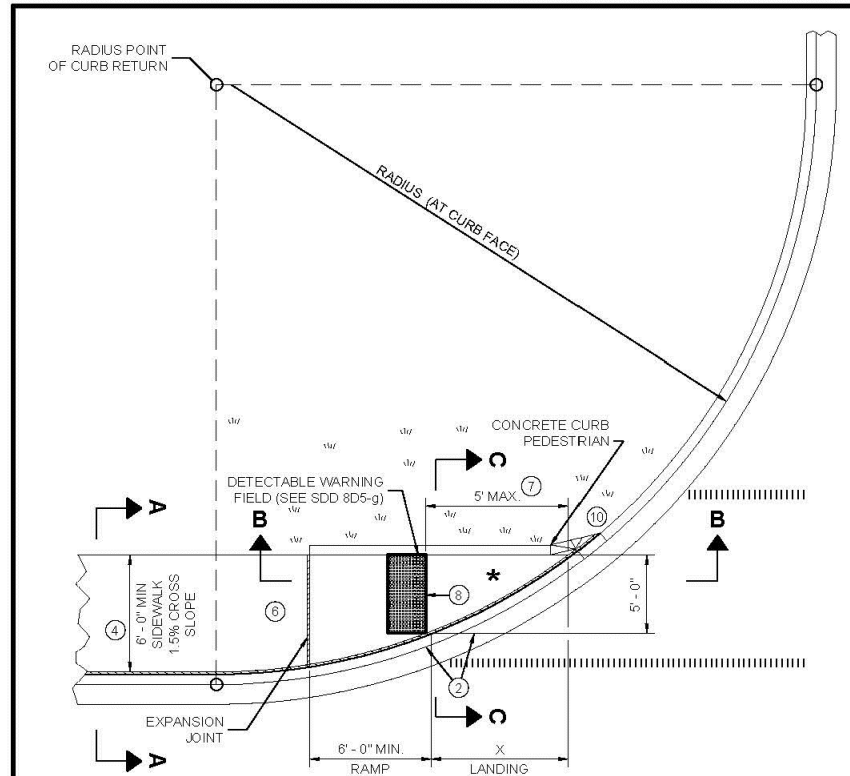
DES BY	AMS	PROJ NO	56-0121.28	1	2/7/2024	ADDENDUM NO 1			
DR BY	JWS	DATE	FEBRUARY 2024	NO	DATE	REVISION	NO	DATE	REVISION
CHK BY	TAH								

LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON



WISDOT DETAILS

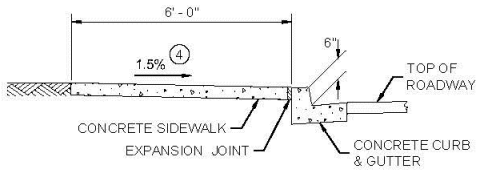
SHEET NO.
D-19



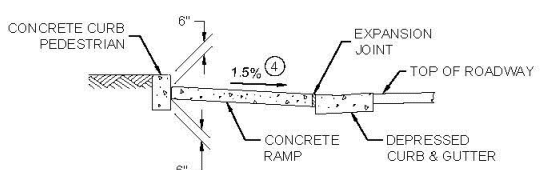
**PLAN VIEW
CURB RAMP TYPE 4A**

RADIUS (AT CURB FACE)	X
10 FEET	4' - 7"

INTERMEDIATE RADII CAN BE INTERPOLATED

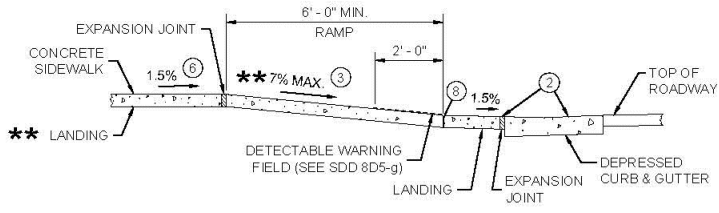


SECTION A - A FOR TYPE 4A



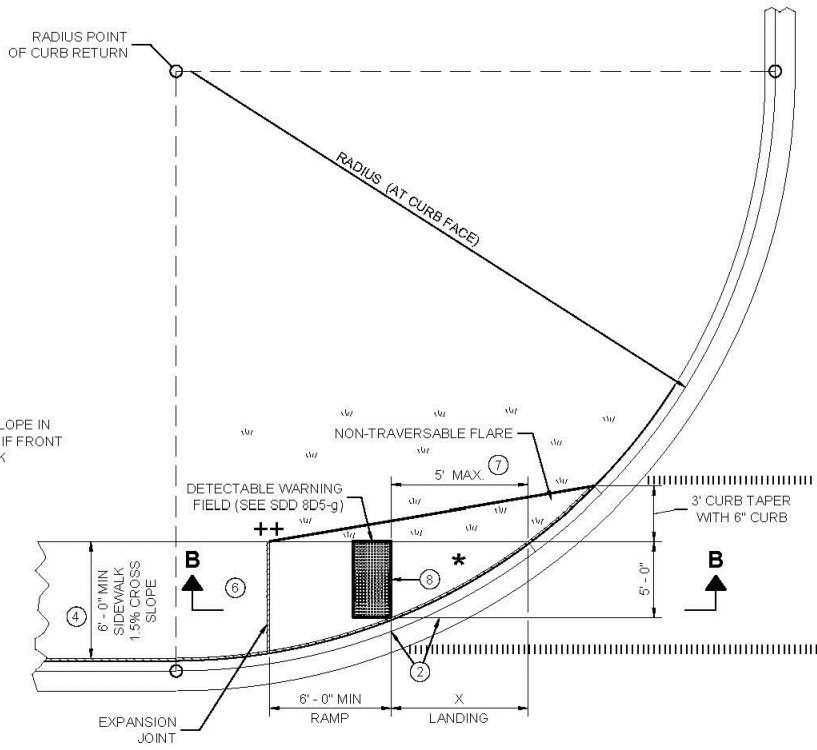
SECTION C - C FOR TYPE 4A

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK

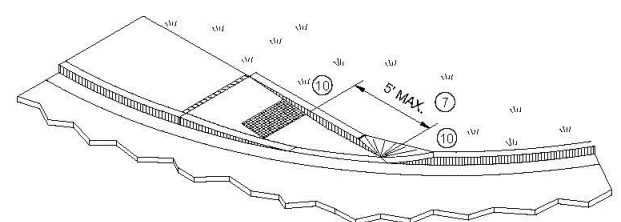


**SECTION B - B FOR
TYPE 4A AND TYPE 4A1**

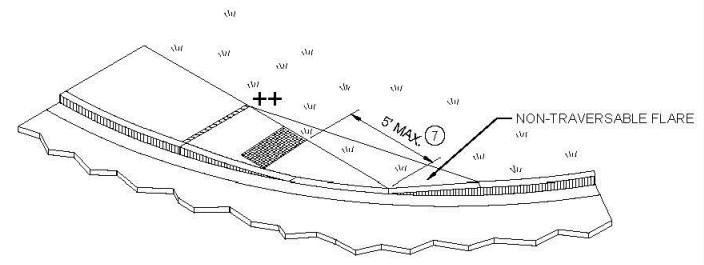
** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED



**PLAN VIEW
CURB RAMP TYPE 4A1**



ISOMETRIC VIEW FOR TYPE 4A



ISOMETRIC VIEW FOR TYPE 4A1

++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

GENERAL NOTES

- AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.
- DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.
- DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.
- ② GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4" INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE. MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.
- ③ AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.
- ④ ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
- ⑥ PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.
- ⑦ WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.
- ⑧ PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.
- ⑩ INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

LEGEND

- 1/2" EXPANSION JOINT SIDEWALK
- - - - - CONTRACTION JOINT SIDEWALK
- ||||| PAVEMENT MARKING CROSSWALK (WHITE)

**CURB RAMPS
TYPE 4A AND 4A1**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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SDD 08D05-21C

SDD 08D05-21C

AA-Standard.sbb 2/7/2024 I:\25\Ashwaubenton Village of 05-0121.28 Ashwaubenton Lombardi Access Rd & Brookwood Dr Sidewalk.CADD\SheetP\in\9\Wisdot Details.dwg Layout_D.20

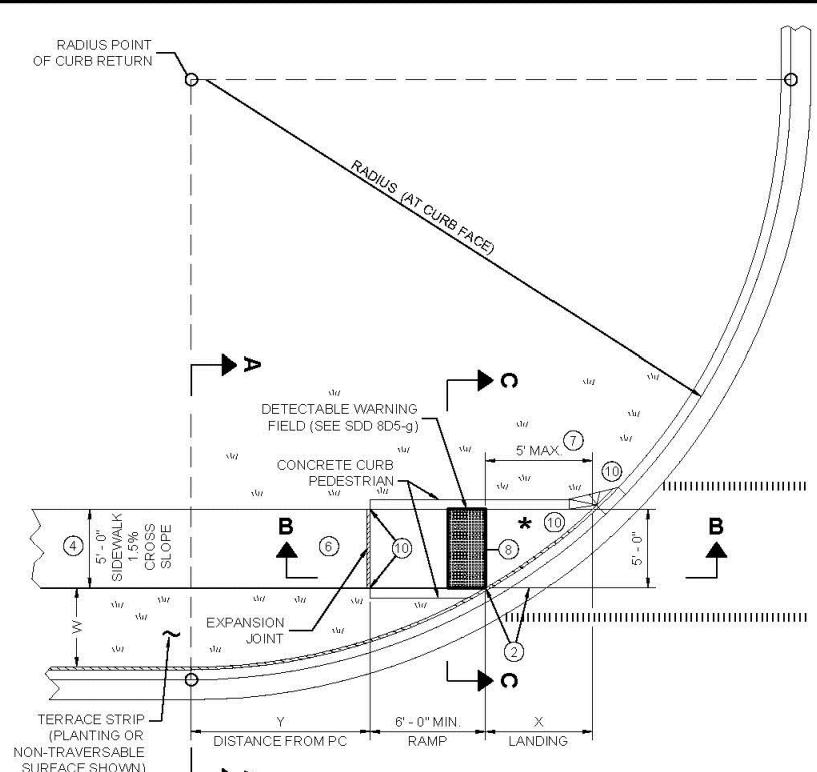
DES BY	AMS	PROJ NO	NO	DATE	REVISION	NO	DATE	REVISION
DR BY	JWS	56-0121.28	1	2/7/2024	ADDENDUM NO 1			
CHK BY	TAH	FEBRUARY 2024						

**LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON**

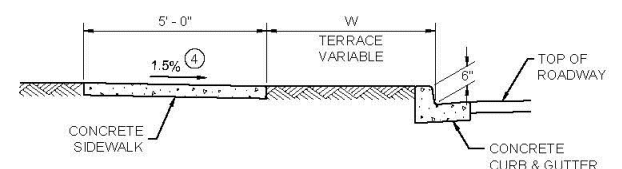


WISDOT DETAILS

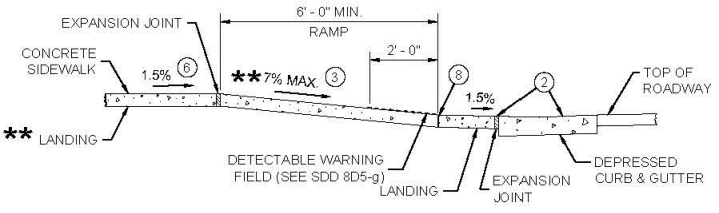
SHEET NO.
D-20



**PLAN VIEW
CURB RAMP TYPE 4B**



SECTION A - A FOR TYPE 4B

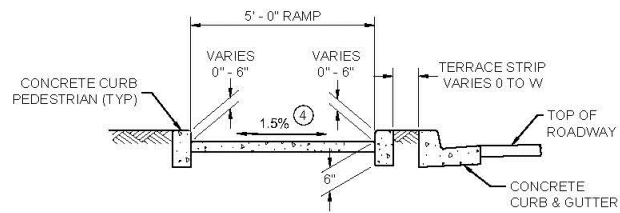


**SECTION B - B FOR
TYPE 4B AND TYPE 4B1**

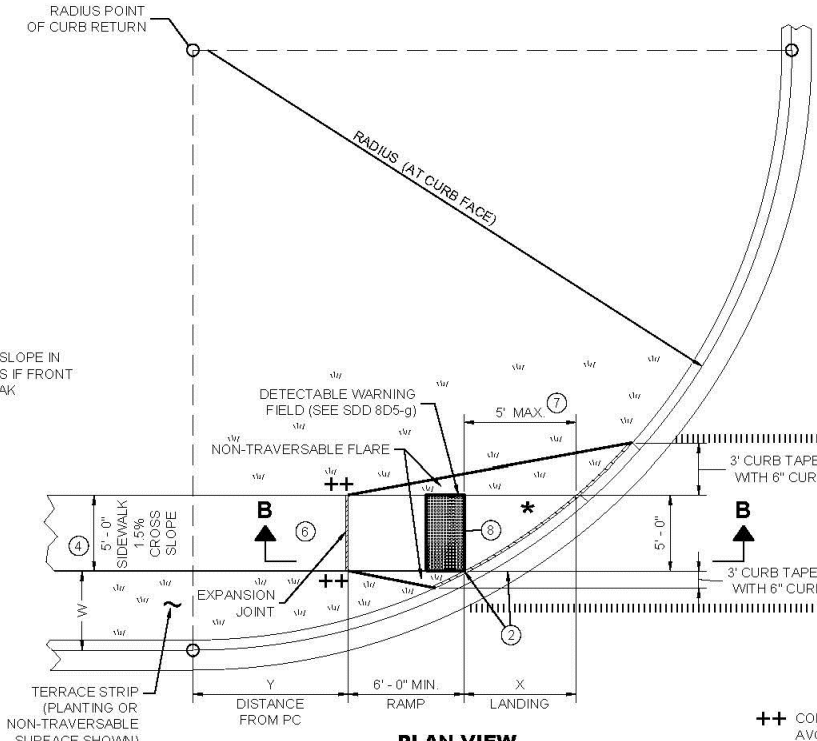
** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

RADIUS (AT CURB FACE)	W = 3'-0"		W = 4'-0"		W = 5'-0"		W = 6'-0"		W = 7'-0"		W = 8'-0"		W = 9'-0"		W = 10'-0"	
	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y
10 FEET	2'-10 1/2"	0'-5"	2'-1"	1'-4 1/2"	1'-5"	2'-1"	0'-10"	2'-7 1/2"	0'-3 1/2"	3'-0 1/2"						
15 FEET	4'-6 3/4"	2'-1 3/4"	3'-9"	3'-5 1/4"	3'-1 1/4"	4'-6"	2'-6 3/4"	5'-4 1/2"	2'-1"	6'-1"	1'-8"	6'-8 1/2"	1'-3 1/4"	7'-2 1/2"	0'-10 3/4"	7'-7 1/4"
20 FEET			4'-11 1/2"	5'-1 3/4"	4'-3 1/4"	6'-5 1/2"	3'-8 3/4"	7'-7"			3'-3"	8'-6 1/2"	2'-10"	9'-4 1/2"	10'-1 1/4"	2'-1 1/4"
30 FEET									4'-10 1/4"	12'-5 3/4"	4'-5 1/2"	13'-7 3/4"	4'-0 3/4"	14'-8 1/2"	3'-8 1/2"	15'-8 1/2"
40 FEET													4'-10 3/4"	19'-8 1/4"	4'-10 3/4"	19'-8 1/4"

INTERMEDIATE RADII CAN BE INTERPOLATED
DIMENSION "Y" IS CALCULATED BASED ON 6'-0" RAMP LENGTH
DIMENSION "X" IS CALCULATED BASED ON 5'-0" SIDEWALK WIDTH

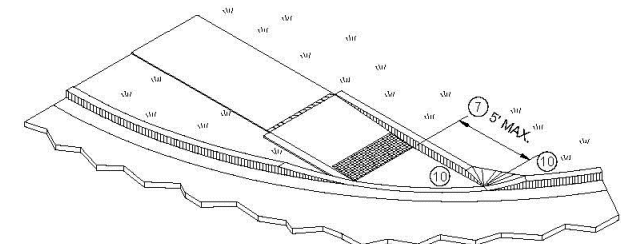


SECTION C - C FOR TYPE 4B

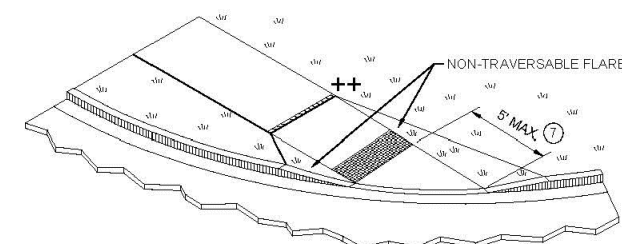


**PLAN VIEW
CURB RAMP TYPE 4B1**

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK



ISOMETRIC VIEW FOR TYPE 4B



ISOMETRIC VIEW FOR TYPE 4B1

**CURB RAMPS
TYPE 4B AND 4B1**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

- AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.
- DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.
- DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.
- GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/8" INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7% WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.
- AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.
- ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
- PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.
- WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.
- PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.
- INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

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SDD 08D05-21d

SDD 08D05-21d

DES BY	AMS	PROJ NO	56-0121.28	1	2/7/2024	ADDENDUM NO 1
DR BY	JWS	DATE	FEBRUARY 2024	NO	DATE	REVISION
CHK BY	TAH	DATE		NO	DATE	REVISION

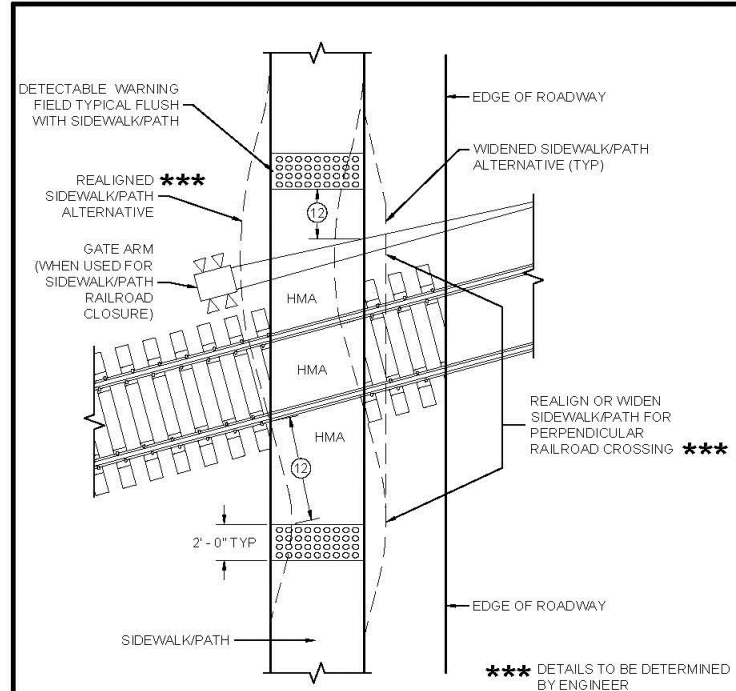
LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON



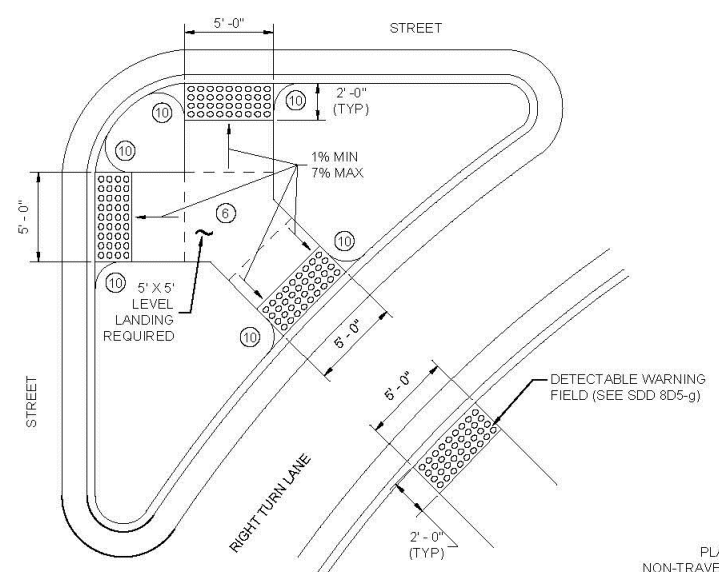
WISDOT DETAILS

SHEET NO.
D-21

AA-Standard.sbb
2/7/2024
I:\25\Ashwaubenton Village of 56-0121.28 Ashwaubenton Lombardi Access Rd & Brookwood Dr Sidewalk.CADD\SheetP\in\9\Wisdot Details.dwg Layout_D-21

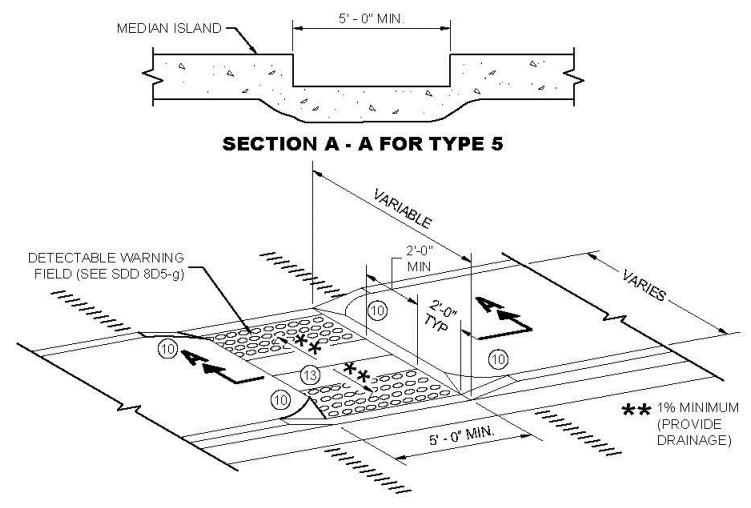


CURB RAMP TYPE 8
DETECTABLE WARNINGS FOR SIDEWALKS OR SHARED USE PATHS AT RAILROAD CROSSINGS

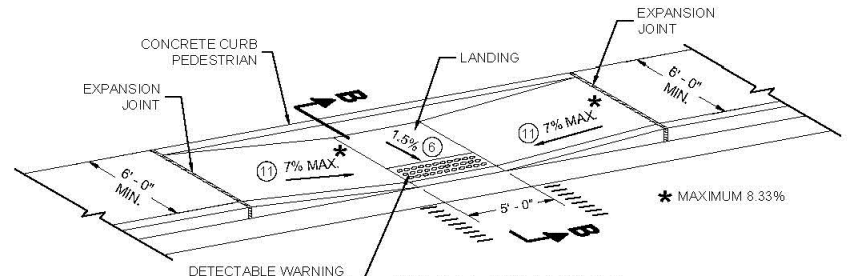


CURB RAMP TYPE 6
DETECTABLE WARNING AT ISLANDS

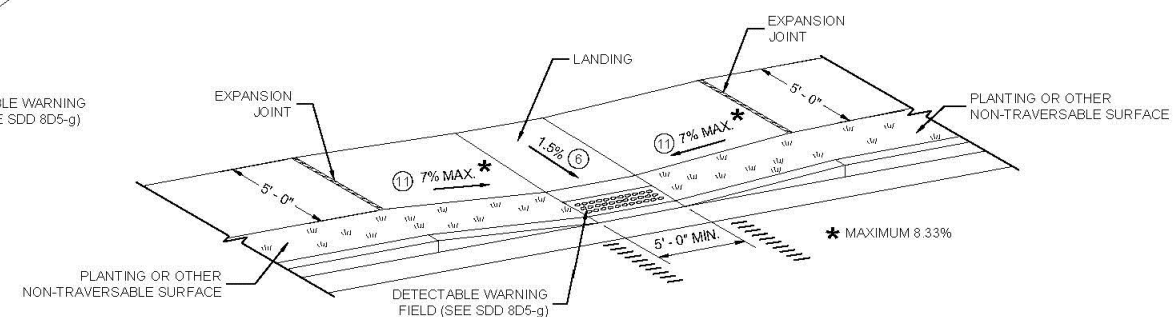
REFER TO GENERAL NOTES ② AND ③ FOR ALL ISLAND CURB RAMPS



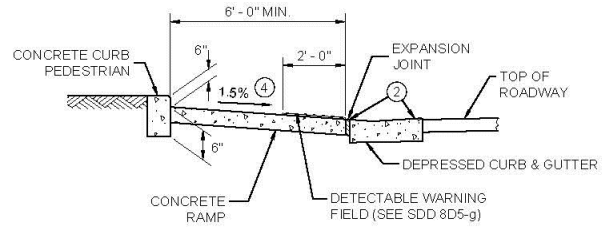
CURB RAMP TYPE 5
MEDIAN ISLAND NON-ELEVATED PEDESTRIAN CROSSING



CURB RAMP TYPE 7A
FOR INTERSECTIONS AND MID BLOCK CROSSINGS



CURB RAMP TYPE 7B
FOR INTERSECTIONS AND MID BLOCK CROSSINGS



LEGEND

- EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

GENERAL NOTES

- AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.
- DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.
- SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.
- DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.
- ② GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/8" INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.
 - ③ AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.
 - ④ ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
 - ⑥ PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.
 - ⑩ INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.
 - ⑪ SLOPE SIDEWALK TOWARD LANDING AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.
 - ⑫ THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO A RAILROAD CROSSING SHALL BE 1.5 FEET ±0.1' FROM THE FACE OF THE GATE ARM IF THE GATE ARM EXTENDS ACROSS THE SIDEWALK/PATH. WHERE THERE IS NO PEDESTRIAN GATE, THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO THE RAILROAD TRACK IS 15 FEET MAXIMUM AND 12 FEET MINIMUM, 15 FEET TYPICAL FROM THE NEAREST RAIL.
 - ⑬ DO NOT INSTALL DETECTABLE WARNING FIELDS AT THE EDGES OF STREET-LEVEL PEDESTRIAN REFUGE ISLANDS IF A MINIMUM 2 FOOT CONCRETE SURFACE WITHOUT DETECTABLE WARNINGS (MEASURED IN THE DIRECTION OF PEDESTRIAN TRAVEL) CANNOT BE ACHIEVED.

CURB RAMPS
TYPE 5, 6, 7A, 7B & 8

STATE OF WISCONSIN
 DEPARTMENT OF TRANSPORTATION

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SDD 08D05-21e

SDD 08D05-21e

AA-Standard.sbb 2/7/2024 I:\25\Ashwaubenton_Village of\56-0121.28_Ashwaubenton_Lombardi_Access_Rd & Brookwood_Dr_Sidewalk_CADD_Sheets\Plan\9-Wisdot_Details.dwg_Layout_D-22

DES BY	AMS	PROJ NO	56-0121.28	1	2/7/2024	ADDENDUM NO 1			
DR BY	JWS	DATE	FEBRUARY 2024	NO	DATE	REVISION	NO	DATE	REVISION

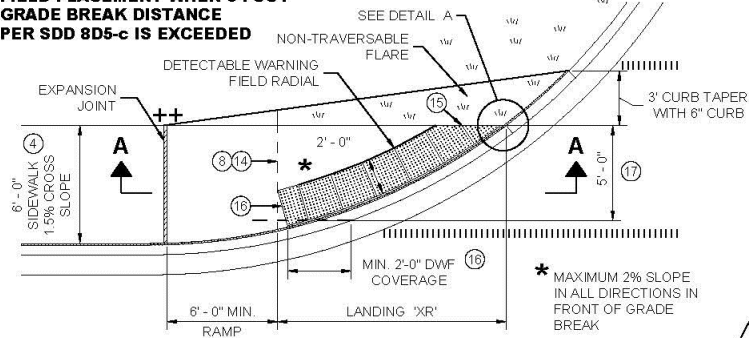
LOMBARDI ACCESS ROAD IMPROVEMENTS
 AND BROOKWOOD DRIVE SIDEWALK
 VILLAGE OF ASHWAUBENON



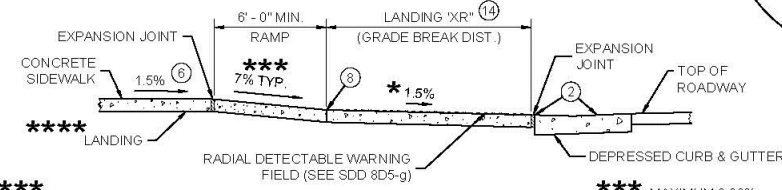
WISDOT DETAILS

SHEET NO.
 D-22

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-c IS EXCEEDED

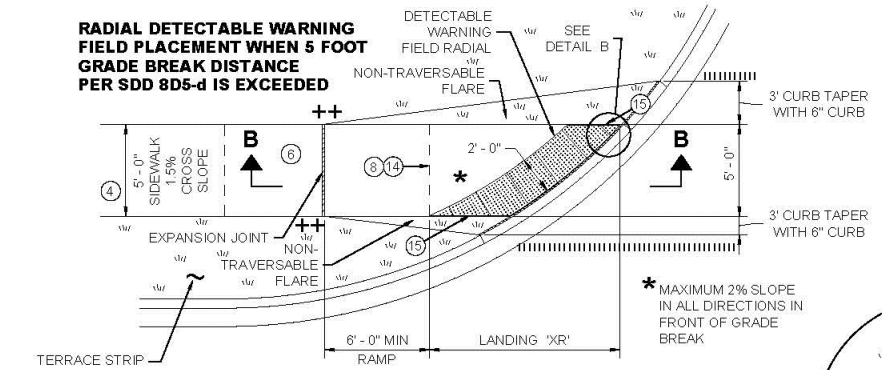


PLAN VIEW CURB RAMP TYPE 4A1 (GRADE BREAK DISTANCE GREATER THAN 5 FEET)

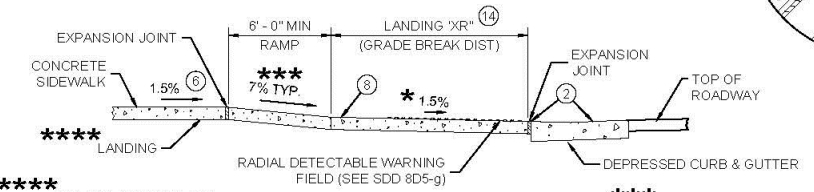


SECTION A - A FOR TYPE 4A1

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-d IS EXCEEDED

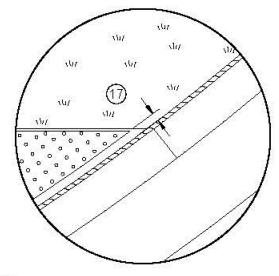


PLAN VIEW CURB RAMP TYPE 4B1 (GRADE BREAK DISTANCE GREATER THAN 5 FEET)

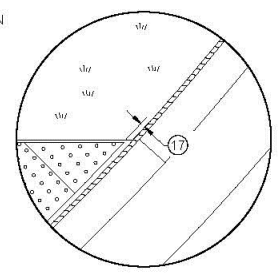


SECTION B - B FOR TYPE 4B1

- LEGEND**
- 1/2" EXPANSION JOINT SIDEWALK
 - - - CONTRACTION JOINT SIDEWALK
 - ||||| PAVEMENT MARKING CROSSWALK (WHITE)



DETAIL A

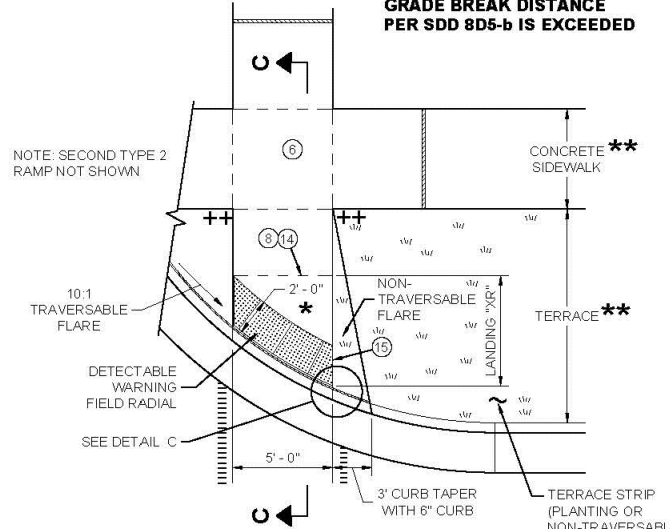


DETAIL B

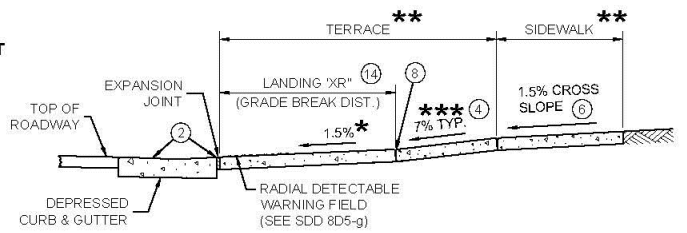
GENERAL NOTES

- 1. AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.
- 2. DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.
- 3. DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.
- 4. APPLY RADIAL DETECTABLE WARNING PLACEMENT SIMILARLY FOR TYPE 4A AND 4A1 CURB RAMPS AND SIMILARLY FOR TYPE 4B AND 4B1 CURB RAMPS. TYPE 4A AND 4B CURB RAMPS ARE NOT SHOWN.
- 5. REFER TO SDD 8D5-g FOR ADDITIONAL RADIAL PLATE REQUIREMENTS.
- 6. FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FIELD ARE PROHIBITED.
- 7. DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AND ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.
- 8. GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4" INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7% WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.
- 9. AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.
- 10. ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
- 11. PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET BY 5 FEET.
- 12. PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.
- 13. CONSULT ENGINEER IF GRADE BREAK LOCATION (END OF LANDING DIMENSION "XR") REQUIRES FIELD ADJUSTMENT WHEN ESTABLISHING FINAL RADIAL DETECTABLE WARNING FIELD LOCATION.
- 14. FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN 1/8" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.
- 15. USE 1' X 2' RECTANGULAR END PLATE AT END OF TYPE 4A1 RAMP AND PROVIDE MINIMUM 2'-0" DETECTABLE WARNING FIELD COVERAGE (IN DIRECTION OF PEDESTRIAN TRAVEL) ALONG THE ENTIRE CURB RAMP WIDTH.
- 16. A MAXIMUM 3 INCH CONCRETE BORDER WIDTH IS ALLOWABLE IN FRONT OF RADIAL DETECTABLE WARNING FIELD FOR CONSTRUCTABILITY PURPOSES. CONCRETE BORDER WIDTH MAY VARY UP TO 1 INCH.

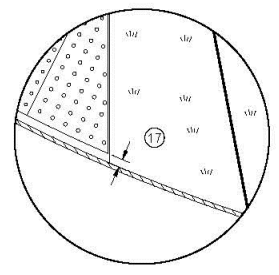
RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-b IS EXCEEDED



PLAN VIEW CURB RAMP TYPE 2 (GRADE BREAK DISTANCE GREATER THAN 5 FEET) (ON LINE WITH SIDEWALK)



SECTION C - C FOR TYPE 2



DETAIL C

- * MAXIMUM 2% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK
- ** WIDTH SHOWN ELSEWHERE IN THE PLANS
- *** MAXIMUM 8.33%
- ++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

**CURB RAMPS
RADIAL DETECTABLE WARNING**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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SDD 08D05-21F

SDD 08D05-21F

DES BY	AMS	PROJ NO	56-0121.28	1	2/7/2024	ADDENDUM NO 1			
DR BY	JWS	DATE	FEBRUARY 2024	NO	DATE	REVISION	NO	DATE	REVISION
CHK BY	TAH								

LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON



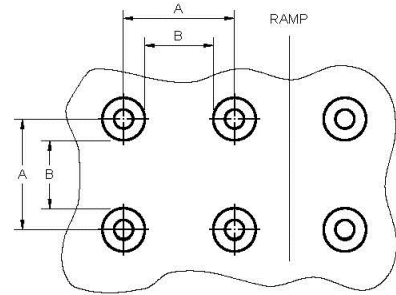
WISDOT DETAILS

SHEET NO.
D-23

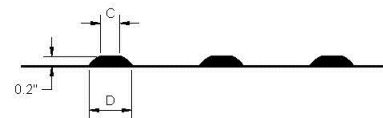
AA-Standard.sbb 2/7/2024 I:\25\Ashwaubenton Village of 56-0121.28 Ashwaubenton Lombardi Access Rd & Brookwood Dr Sidewalk.CADD\SheetP\plan\9\Wisdot Details.dwg Layout_D.23

	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

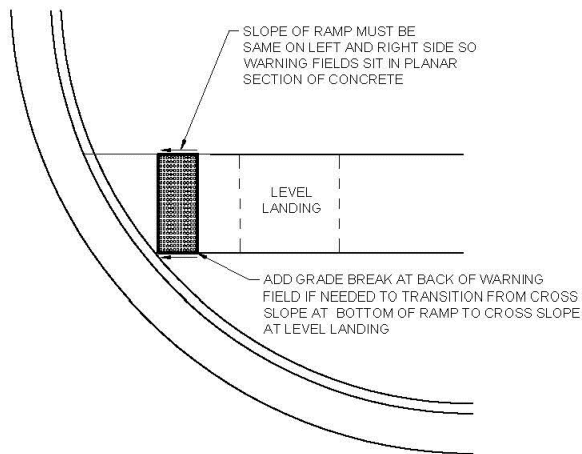
* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.



PLAN VIEW



ELEVATION VIEW

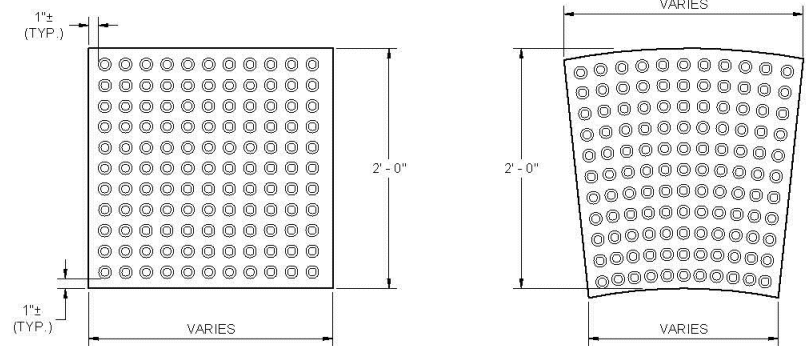


DETECTABLE WARNING FIELD
PLANAR INSTALLATION

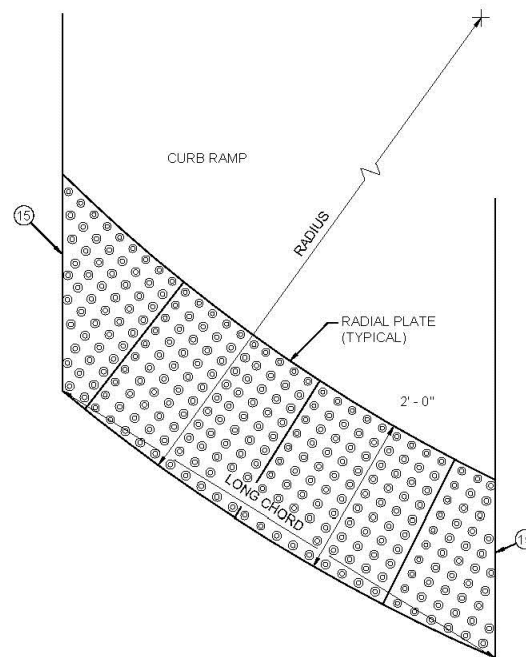
GENERAL NOTES

- DETECTABLE WARNING FIELDS THAT ARE INSTALLED AT A CURB RAMP SHALL BE FROM THE SAME MANUFACTURER.
- PLACE ALL DETECTABLE WARNING FIELD SYSTEMS IN ACCORDANCE TO THE MANUFACTURER'S RECOMMENDATION.
- FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FIELD ARE PROHIBITED.
- DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AND ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.
- FOR RADIAL DETECTABLE WARNING FIELD APPLICATIONS WHERE STANDARD RADIAL PLATES ARE NOT AVAILABLE AT AN INTERSECTION CURB RADIUS, A COMBINATION OF SQUARE OR RECTANGULAR PLATES AND RADIAL PLATES MAY BE USED TO FORM RADIAL CONFIGURATION. RADIAL WEDGE PLATES IN COMBINATION WITH SQUARE PLATES ARE ALSO ACCEPTABLE. FOLLOW MANUFACTURER'S RECOMMENDATIONS.
- REFER TO CONTRACT AND STANDARD SPECIFICATIONS FOR FIELD CUTTING REQUIREMENTS.
- DO NOT EMBED IN CONCRETE ANY FIELD-CUT PLATES WITH CUT EDGES SHORTER THAN 6 INCHES. CONSULT WITH MANUFACTURER FOR RE-DRILLING AND ANCHORING REQUIREMENTS OF FIELD-CUT PLATES.
- FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN 1/8" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.

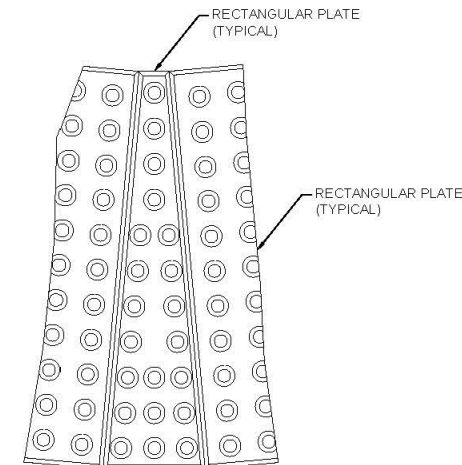
**TRUNCATED DOMES
DETECTABLE WARNING PATTERN DETAIL**



PLAN VIEW
DETECTABLE WARNING FIELDS (TYPICAL)



PLAN VIEW
RADIAL DETECTABLE
WARNING FIELD ATTRIBUTES



PLAN VIEW
RADIAL WEDGE PLATE
CONNECTION DETAIL

**CURB RAMPS
RECTANGULAR AND RADIAL
DETECTABLE WARNING PLATES**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2023 DATE /S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT
UNIT SUPERVISOR

PHWA

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SDD 08D05-21g

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SDD 08D05-21g

AA-Standard.sbb
2/7/2024
I:\25\Ashwaubenton Village of 05-0121.28 Ashwaubenton Lombard Access Rd & Brookwood Dr Sidewalk.CADD\SheetP\an\9-Visdot Details.dwg Layout_D-24

DES BY	AMS	PROJ NO	NO	DATE	REVISION	NO	DATE	REVISION
DR BY	JWS	56-0121.28	1	2/7/2024	ADDENDUM NO 1			
CHK BY	TAH	DATE						
		FEBRUARY 2024						

LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON

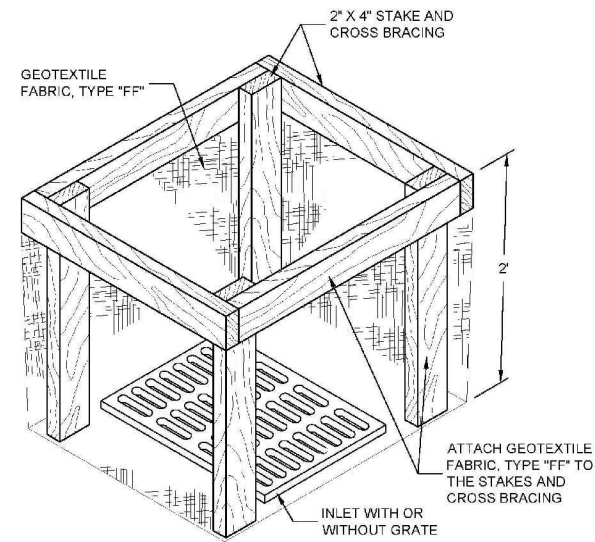
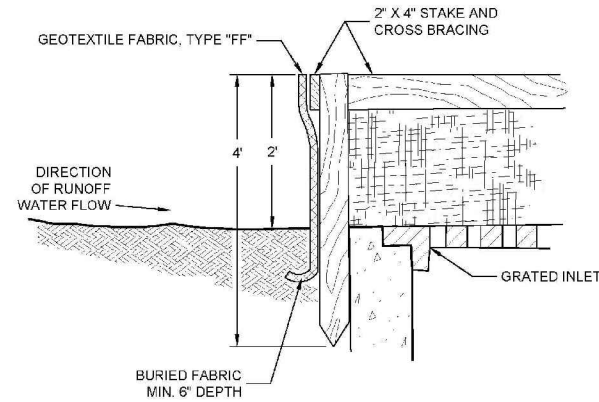


WISDOT DETAILS

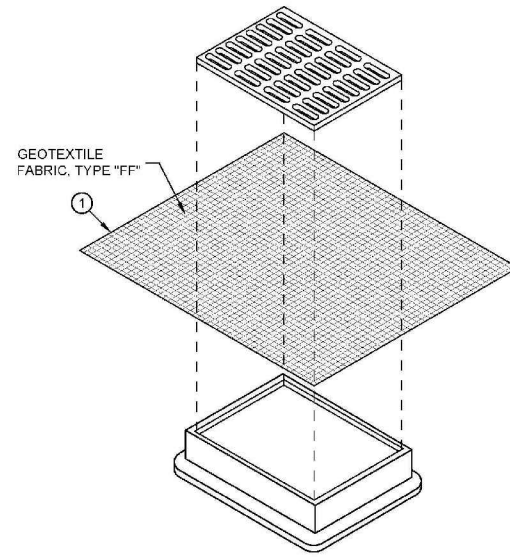
SHEET NO.
D-24



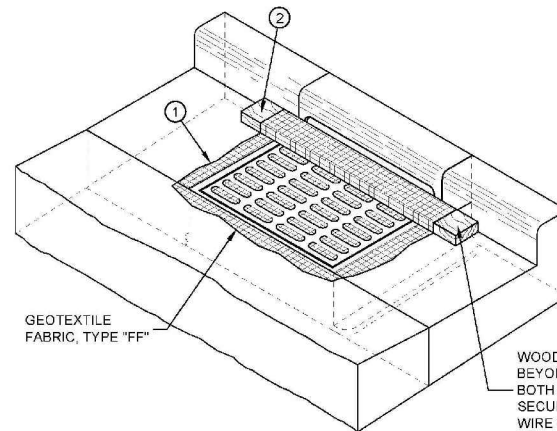
SDD 08E10 Inlet Protection, Types A, B, C and D



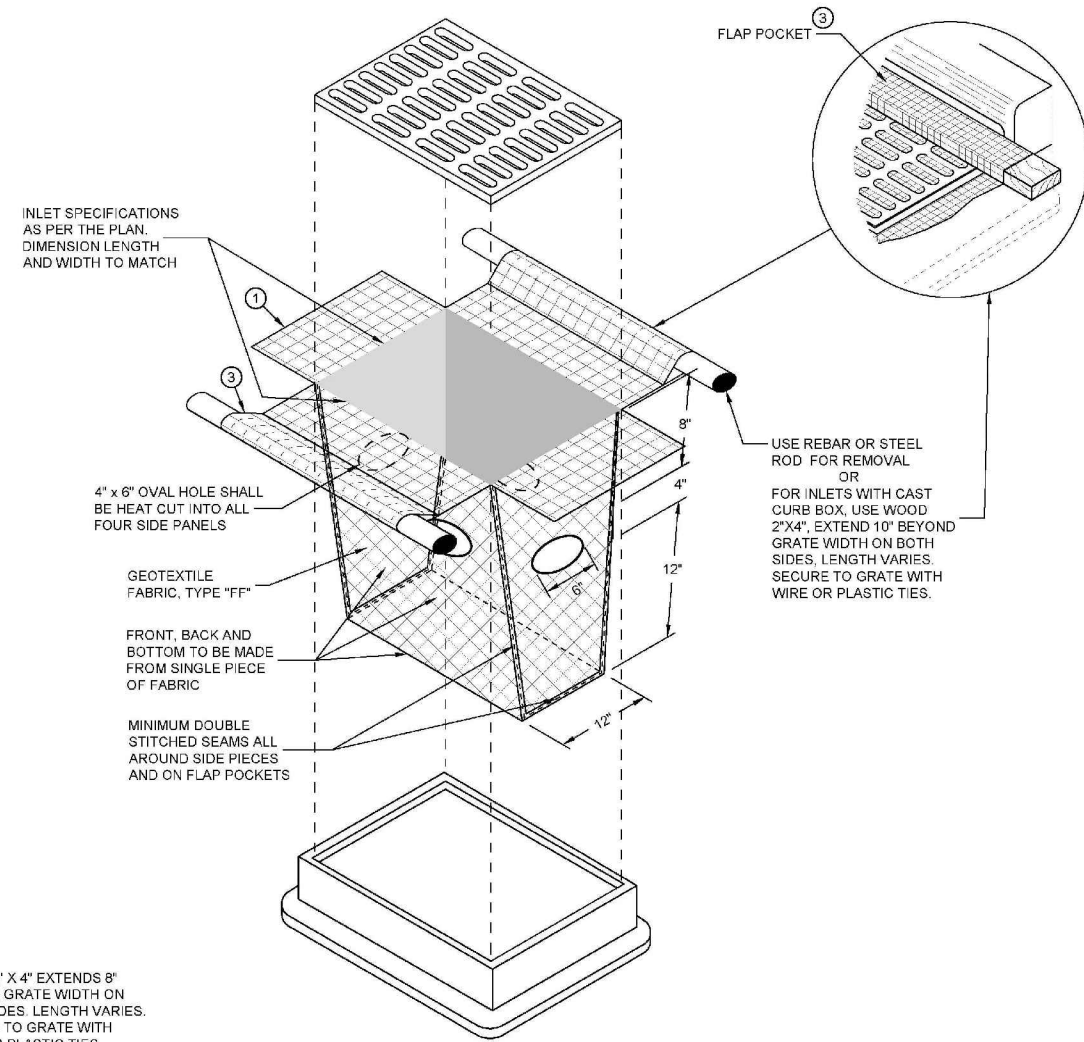
INLET PROTECTION, TYPE "A"



INLET PROTECTION, TYPE "B" (WITHOUT CURB BOX)
(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE "C" (WITH CURB BOX)



INLET PROTECTION, TYPE "D"
(CAN BE INSTALLED IN ANY INLET WITH OR WITHOUT A CURB BOX AS PER NOTE (2))

GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

- ① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.
- ② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.
- ③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

INSTALLATION NOTES

TYPES B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

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SDD 08E10 - 02

SDD 08E10 - 02

INLET PROTECTION TYPES A, B, C AND D	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED 10/18/02 DATE	JS/ Beth Carneira ROADWAY STANDARDS DEVELOPMENT ENGINEER

AA-Standard.sbb 2/7/2024 I:\25\Ashwaubenton_Village_of\56-0121_28_Ashwaubenton_Lombardi_Access_Rd_&_Brookwood_Dr_Sidewalk_CADD\SheetP\lan\9-Visiodr_Details.dwg_Layout_D.25

DES BY	AMS	PROJ NO	56-0121.28	1	2/7/2024	ADDENDUM NO 1
DR BY	JWS	DATE	FEBRUARY 2024	NO	DATE	REVISION
CHK BY	TAH	NO	DATE	NO	DATE	REVISION

LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON



WISDOT DETAILS

SHEET NO.
D-25



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.

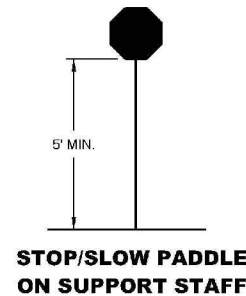
- EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS PLACED TRANSVERSE ACROSS THE LANE AT THE LOCATIONS SHOWN. WITHIN EACH ARRAY, SPACING BETWEEN RUMBLE STRIPS SHALL BE 15 FEET ON CENTER

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.

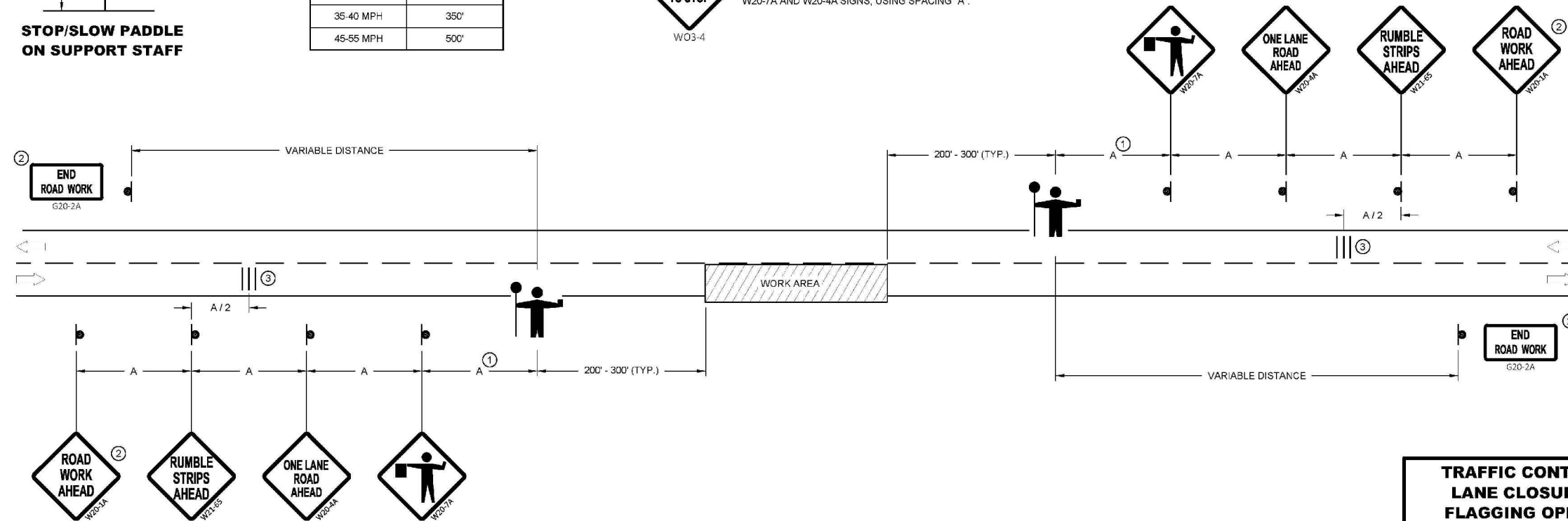


SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

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

IS/ Andrew Heidtke
WORK ZONE ENGINEER

SDD 15C12 - 09a

SDD 15C12 - 09a

AA-Standard.sbb 2/7/2024 1:25:54 Ashwaubenton Village of 05-0121.28 Ashwaubenton Lombard Access Rd & Brookwood Dr Sidewalk/CDD/SheetP/lan/9/Wisdot Details.dwg Layout D:28

DES BY	AMS	PROJ NO	NO	DATE	REVISION	NO	DATE	REVISION
DR BY	JWS	56-0121.28	1	2/7/2024	ADDENDUM NO 1			
CHK BY	TAH	FEBRUARY 2024						

LOMBARDI ACCESS ROAD IMPROVEMENTS AND BROOKWOOD DRIVE SIDEWALK VILLAGE OF ASHWAUBENON



WISDOT DETAILS

SHEET NO. D-26



15C12-b Traffic Control, Lane Closure with Automated Flagger Assistance Device

GENERAL NOTES

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL CONE 42-INCH
- TRAFFIC CONTROL DRUM
- TEMPORARY PORTABLE RUMBLE STRIP ARRAY
- DIRECTION OF TRAFFIC
- WORK AREA
- AFAD AUTOMATED FLAGGER ASSISTANCE DEVICE (AFAD)

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.

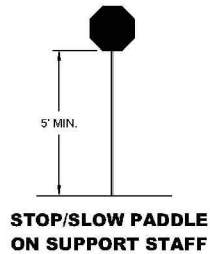
WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

FLAGGING

- IF THE AUTOMATED FLAGGER ASSISTANCE DEVICE (AFAD) STOPS WORKING, 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.
- 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.
- ① SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.
 - ② IF FLAGGERS ARE PHYSICALLY NEEDED TO FLAG, REPLACE W03-4 SIGNS WITH W20-7A SIGNS.

TEMPORARY PORTABLE RUMBLE STRIPS

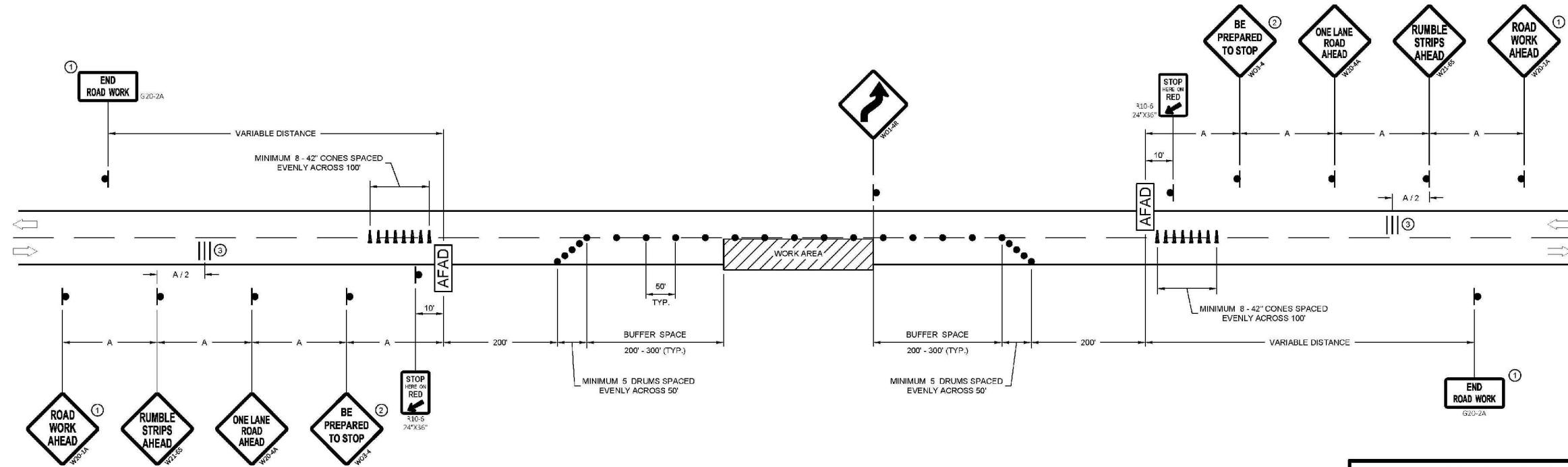
- UTILIZE TEMPORARY PORTABLE RUMBLE STRIPS ON ALL FLAGGING OPERATIONS.
- ONLY USE TEMPORARY PORTABLE RUMBLE STRIPS FROM THE APPROVED PRODUCTS LIST.
- PLACE ADVANCE SIGNING PRIOR TO INSTALLING TEMPORARY RUMBLE STRIPS.
- DO NOT INSTALL TEMPORARY PORTABLE RUMBLE STRIPS ON GRAVEL, MILLED SURFACES, OR ASPHALT THAT HAS BEEN PAVED LESS THAN 12 HOURS.
- ③ EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS PLACED TRANSVERSELY AT THE LOCATIONS SHOWN. WITHIN EACH ARRAY, SPACING BETWEEN RUMBLE STRIPS SHALL BE 15 FEET ON CENTER.



SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

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

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SDD 15C12 - 09b

SDD 15C12 - 09b

TRAFFIC CONTROL, LANE CLOSURE WITH AUTOMATED FLAGGER ASSISTANCE DEVICE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022 DATE */s/ Andrew Heidtke*
WORK ZONE ENGINEER

AA-Standard.sbb 2/7/2024 1:25:54 Ashwaubenton Village of 05-0121.28 Ashwaubenton Lombard Access Rd & Brookwood Dr Sidewalk CADD SheetP (in) (V) Wisdot Details.dwg, Layout, D-27

DES BY	AMS	PROJ NO	NO	DATE	REVISION	NO	DATE	REVISION
DR BY	JWS	56-0121.28	1	2/7/2024	ADDENDUM NO 1			
CHK BY	TAH	FEBRUARY 2024						

LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON

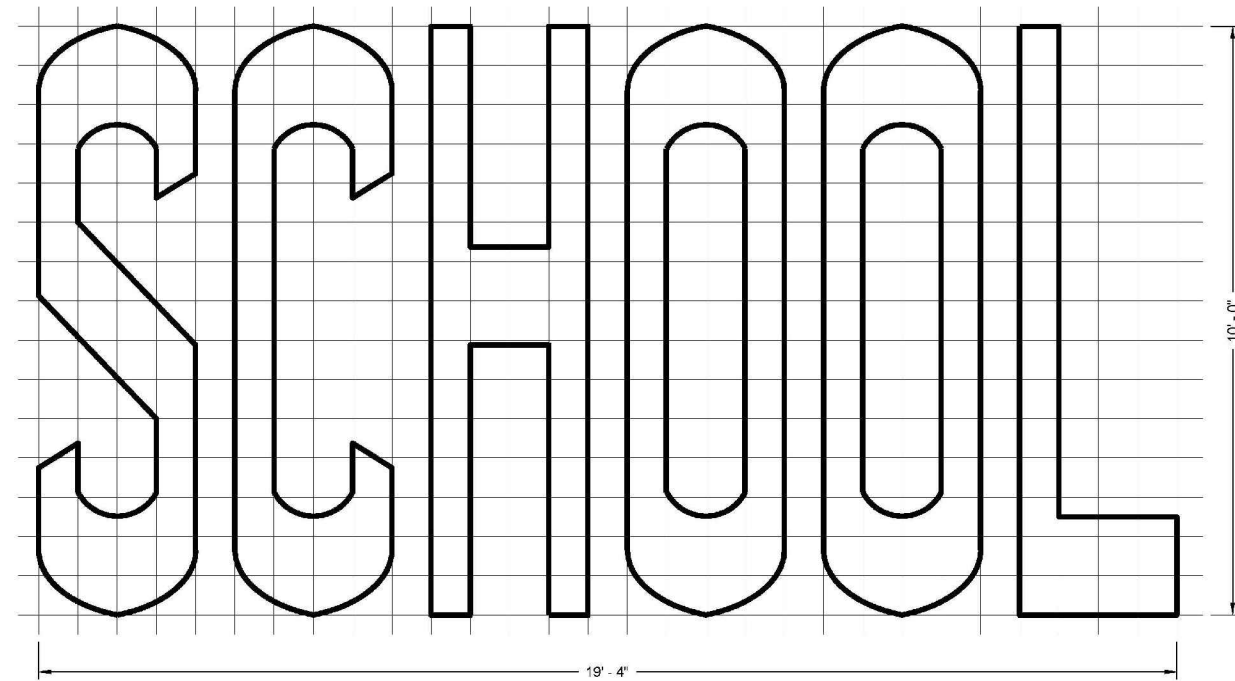
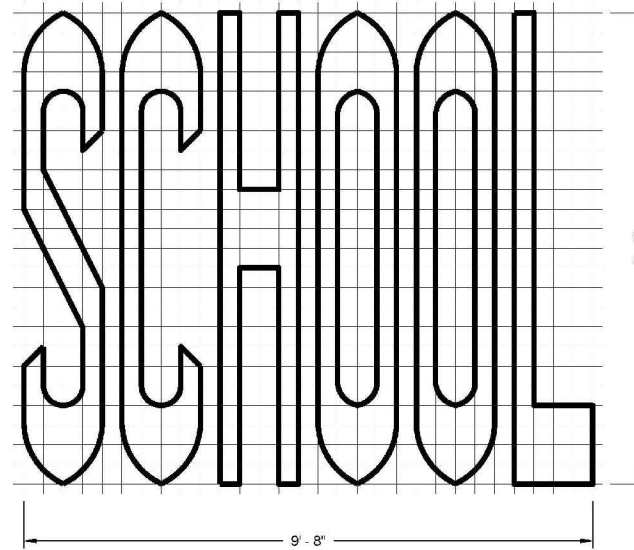
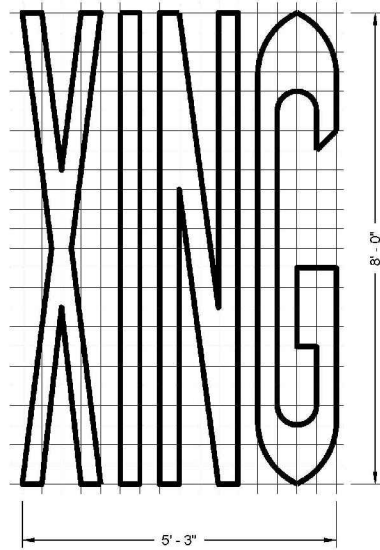
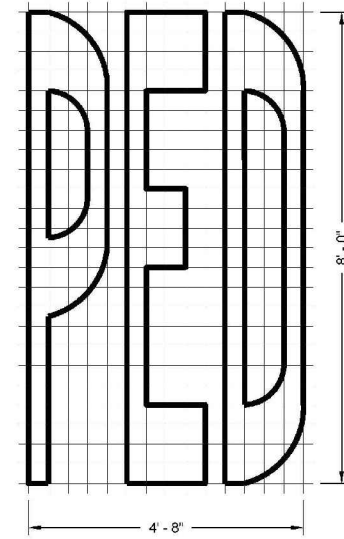
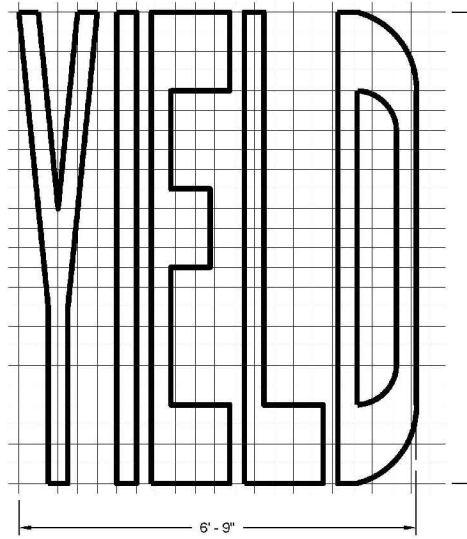
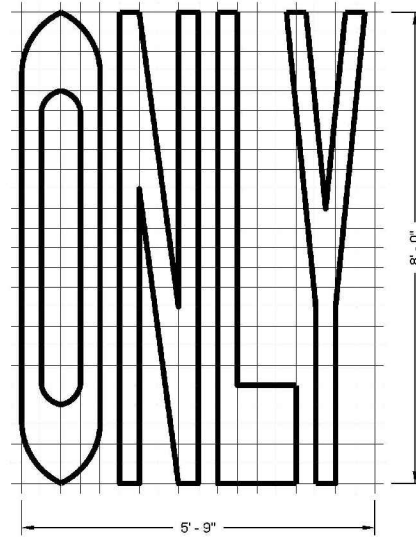
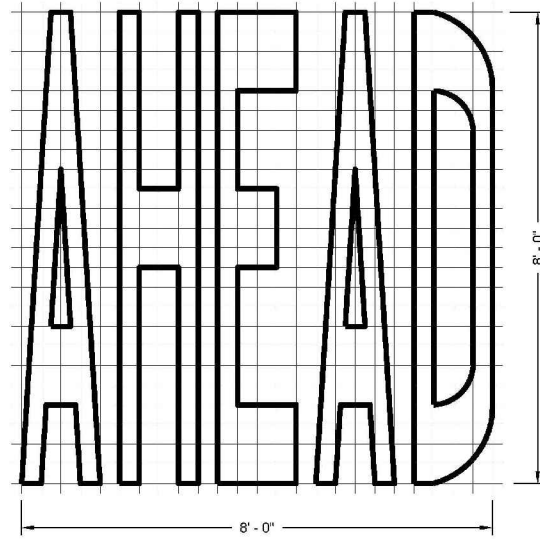
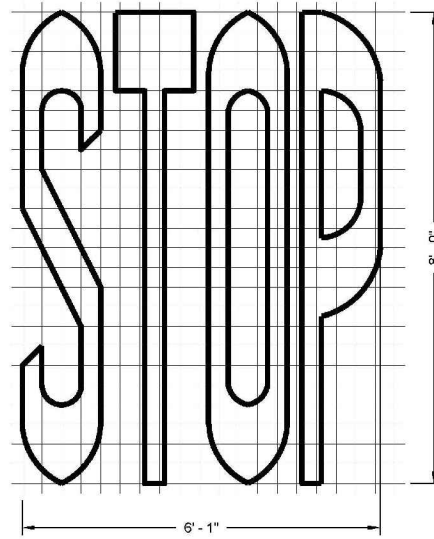


WISDOT DETAILS

SHEET NO. D-27



SDD 15C07-b Pavement Marking Words



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SDD 15C07 - 15b

SDD 15C07 - 15b

GENERAL NOTES

DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

PAVEMENT MARKING WORDS	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED November 2019 DATE	/s/ Matthew Rauch STATE SIGNING AND MARKING ENGINEER
FHWA	

AA-Standard.sbb
2/7/2024
I:\25\Ashwaubenon Village of 56-0121.28 Ashwaubenon Lombardi Access Rd & Brookwood Dr Sidewalk\CADD\SheetP\an\9\Wisdot Details.dwg_Layout_D.28

DES BY	AMS	PROJ NO	56-0121.28	1	2/7/2024	ADDENDUM NO 1													
DR BY	JWS	DATE	FEBRUARY 2024	NO	DATE	REVISION	NO	DATE	REVISION										
CHK BY	TAH																		

LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON

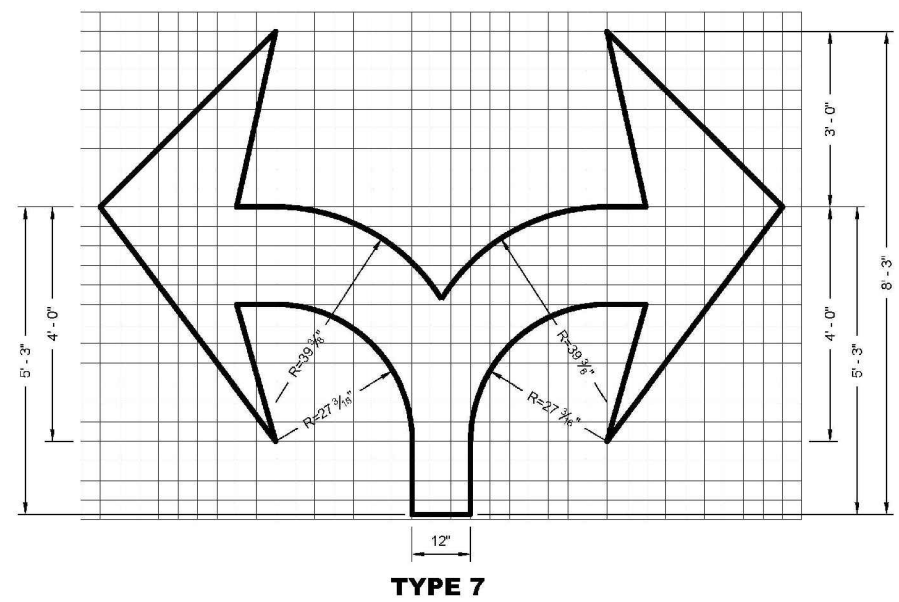
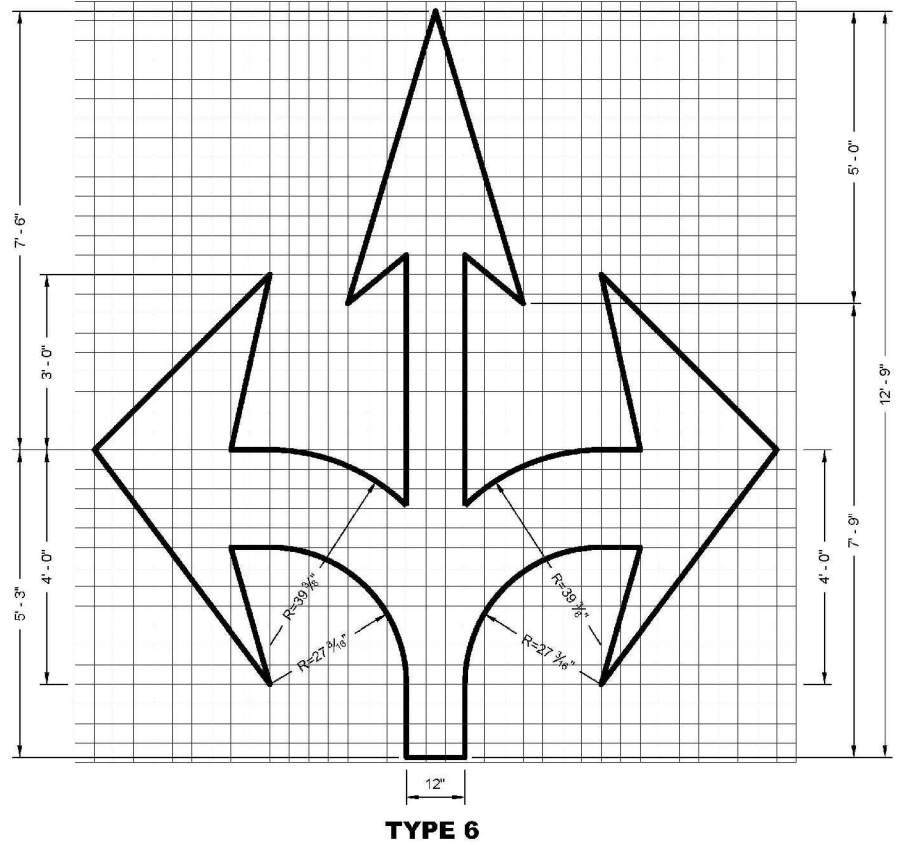
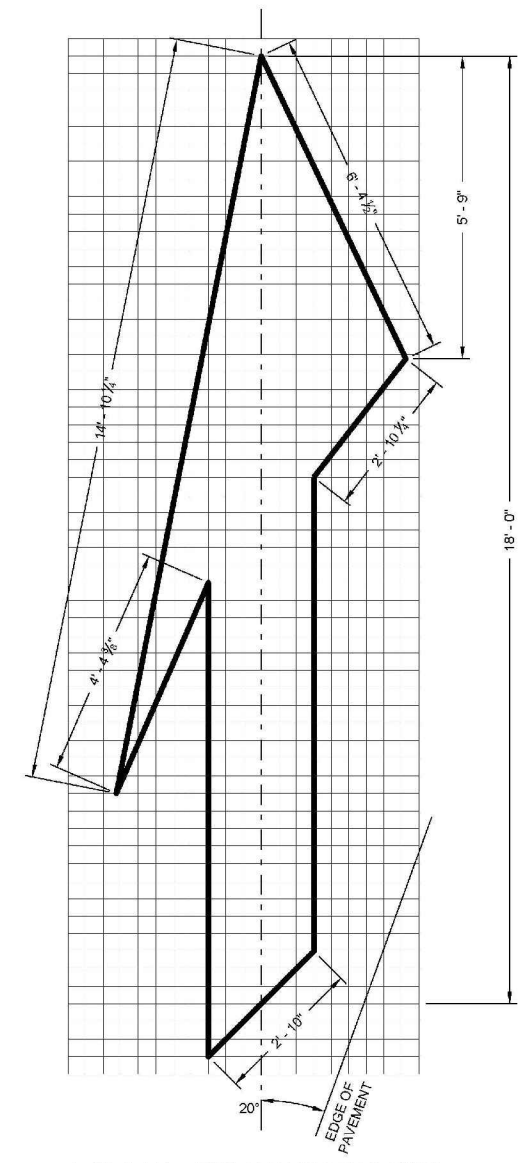
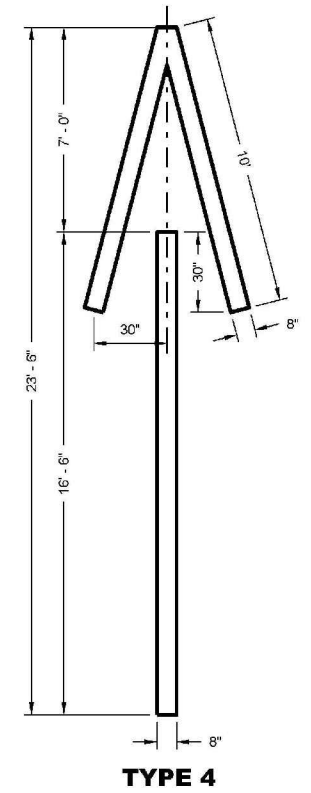
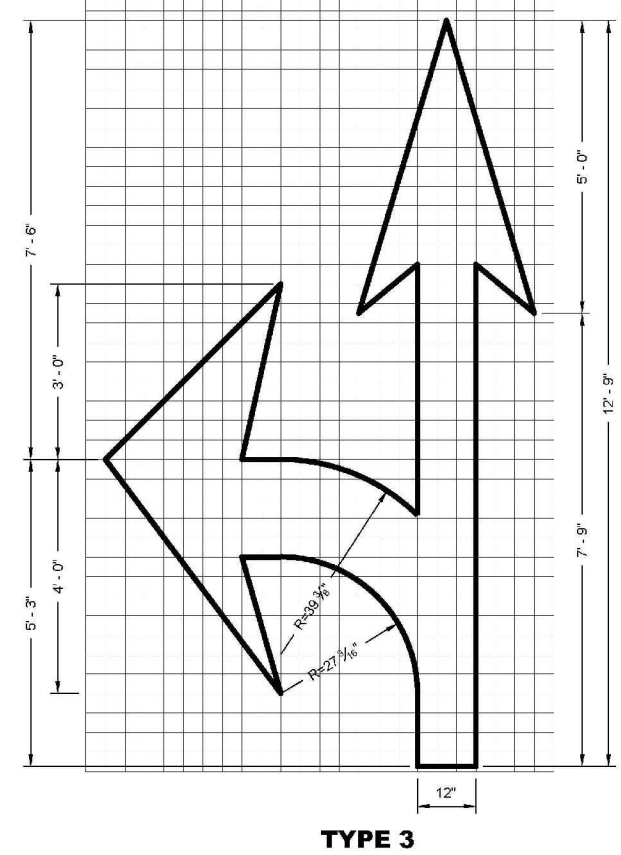
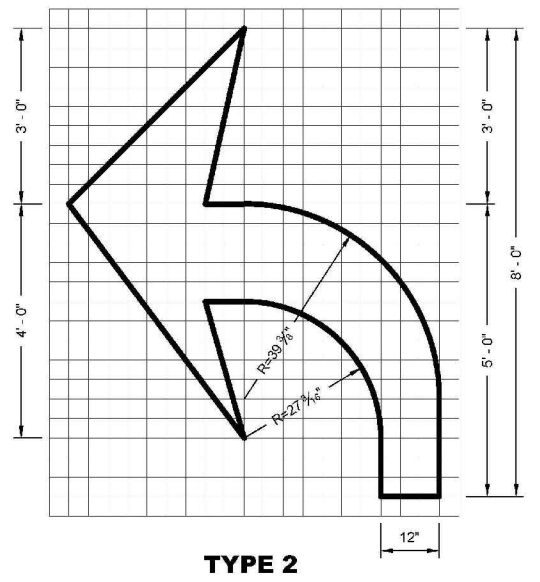
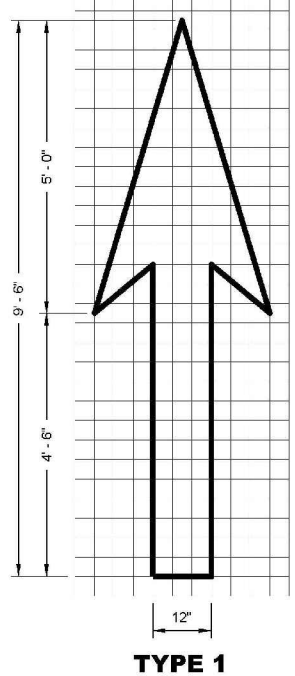


WISDOT DETAILS

SHEET NO.
D-28



SDD 15C7-c Pavement Marking Arrows



GENERAL NOTES

DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

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SDD 15C07 - 15c

SDD 15C07 - 15c

PAVEMENT MARKING ARROWS	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED November 2019 DATE	/s/ Matthew Rauch STATE SIGNING AND MARKING ENGINEER

AA-Standard.sbb 2/7/2024 I:\25\Ashwaubenton Village of 56-0121.28 Ashwaubenton Lombardi Access Rd & Brookwood Dr Sidewalk\CADD\SheetP\an\9\Wisdot Details.dwg Layout_D.29

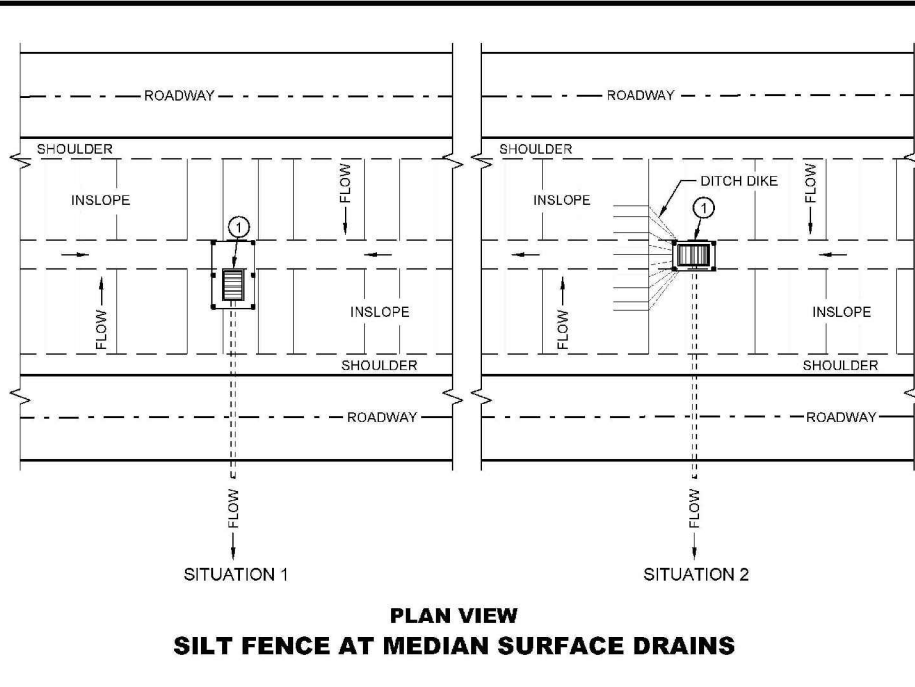
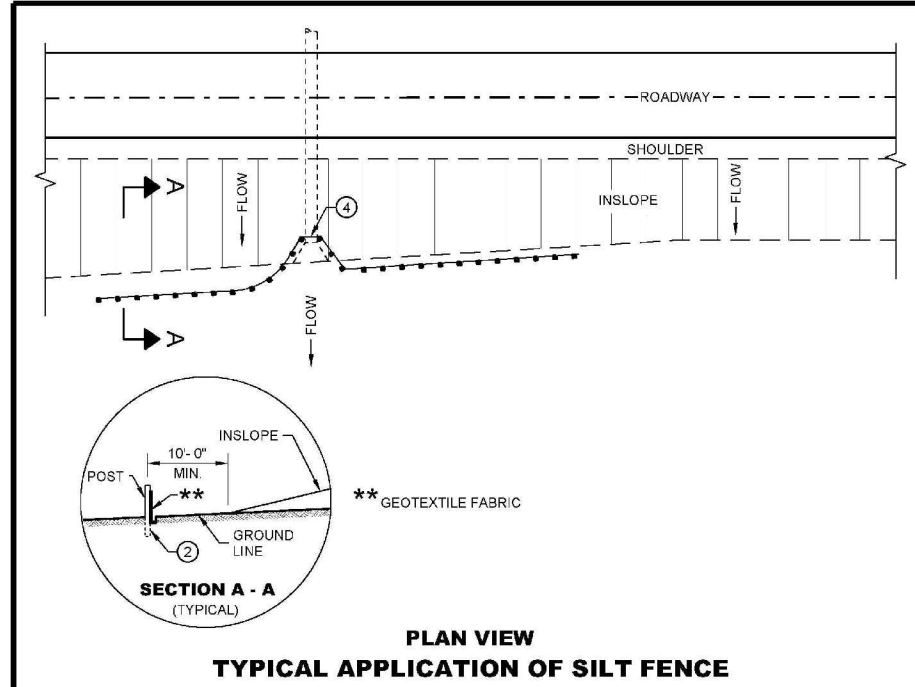
DES BY	AMS	PROJ NO	56-0121.28	1	2/7/2024	ADDENDUM NO 1			
DR BY	JWS	DATE	FEBRUARY 2024	NO	DATE	REVISION	NO	DATE	REVISION

LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON



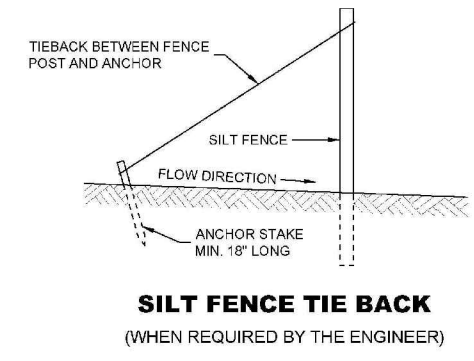
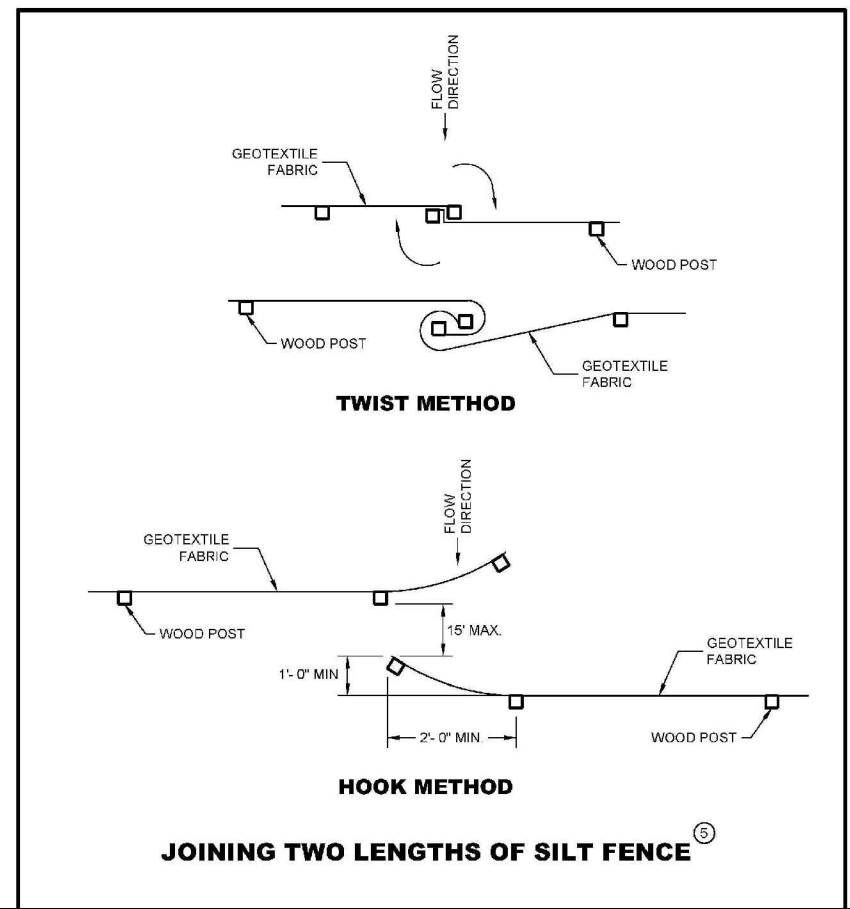
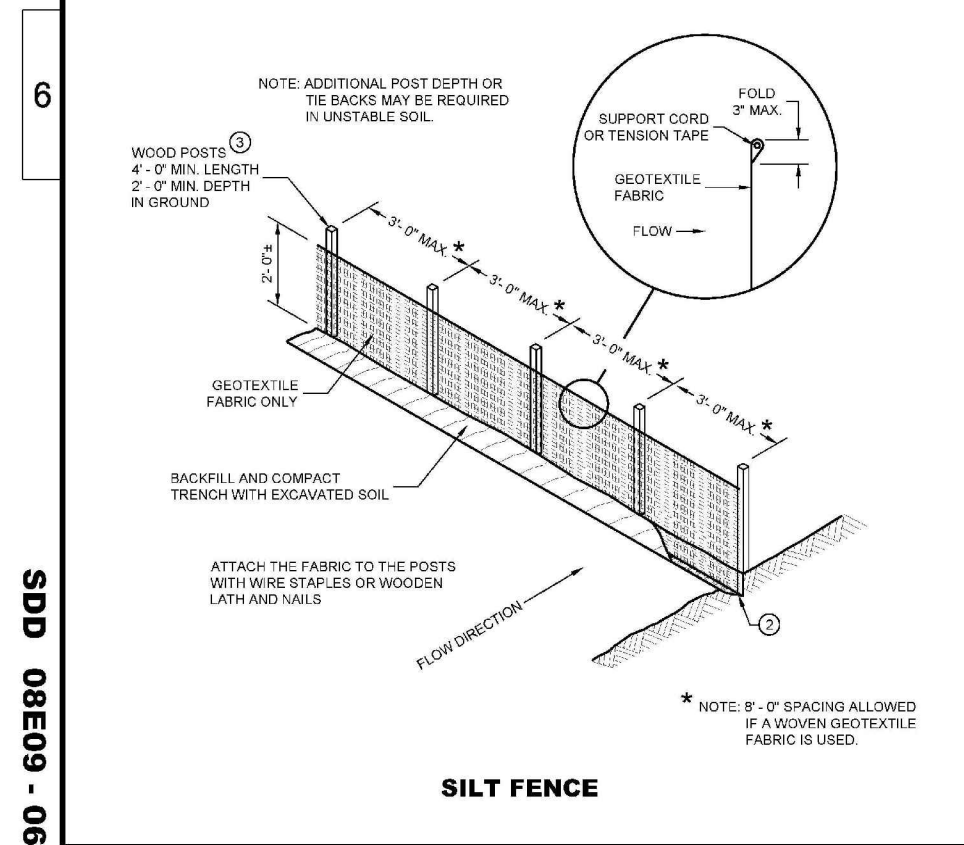
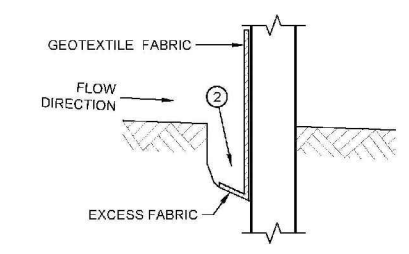
WISDOT DETAILS

SHEET NO.
D-29



GENERAL NOTES

- DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.
- ① HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
 - ② FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE AND 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL AND COMPACT TRENCH WITH EXCAVATED SOIL.
 - ③ WOOD POSTS SHALL BE A MINIMUM SIZE OF 1 1/2" X 1 1/2" OF OAK OR HICKORY.
 - ④ SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
 - ⑤ CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS: A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



SILT FENCE	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED 4/29/05 DATE	/s/ Beth Carnesira CHIEF ROADWAY DEVELOPMENT ENGINEER

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SDD 08E09 - 06

SDD 08E09 - 06

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DES BY	AMS	PROJ NO	56-0121.28	1	2/7/2024	ADDENDUM NO 1			
DR BY	JWS	DATE	FEBRUARY 2024	NO	DATE	REVISION	NO	DATE	REVISION
CHK BY	TAH								

LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON



WISDOT DETAILS

SHEET NO.
D-30



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.

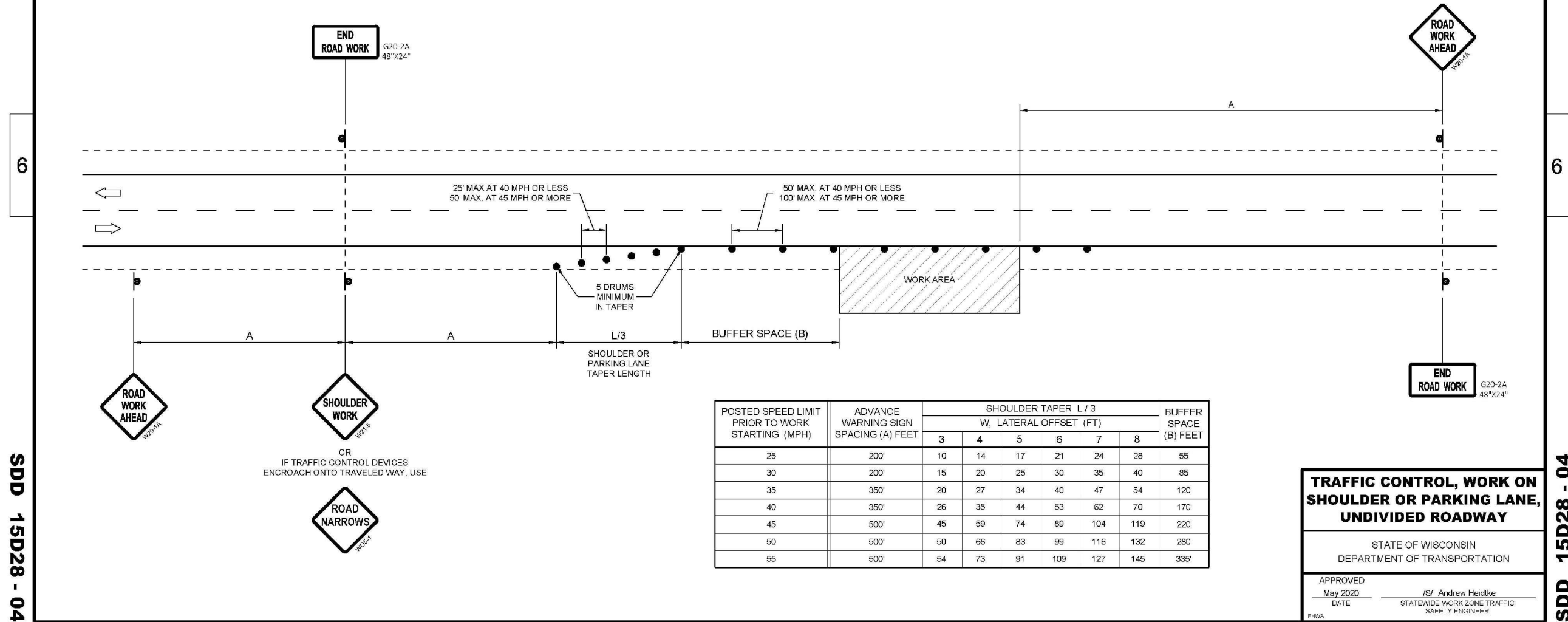
ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

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.



POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	SHOULDER TAPER L / 3 W, LATERAL OFFSET (FT)						BUFFER SPACE (B) FEET
		3	4	5	6	7	8	
25	200'	10	14	17	21	24	28	55
30	200'	15	20	25	30	35	40	85
35	350'	20	27	34	40	47	54	120
40	350'	26	35	44	53	62	70	170
45	500'	45	59	74	89	104	119	220
50	500'	50	66	83	99	116	132	280
55	500'	54	73	91	109	127	145	335'

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

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2020
DATE

/s/ Andrew Heidtke
STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER

SDD 15D28 - 04

SDD 15D28 - 04

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DES BY	AMS	PROJ NO	NO	DATE	REVISION	NO	DATE	REVISION
DR BY	JWS	56-0121.28	1	2/7/2024	ADDENDUM NO 1			
CHK BY	TAH	DATE						

LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON



WISDOT DETAILS

SHEET NO.
D-31



SDD 15C05 Traffic Control, Advance Warning Signs 40 MPH or Less Two Way Undivided Road Open to Traffic

GENERAL NOTES

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

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

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS, 36" X 36" SIGNS MAY BE USED INSTEAD OF 48" X 48" SIGNS.

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

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

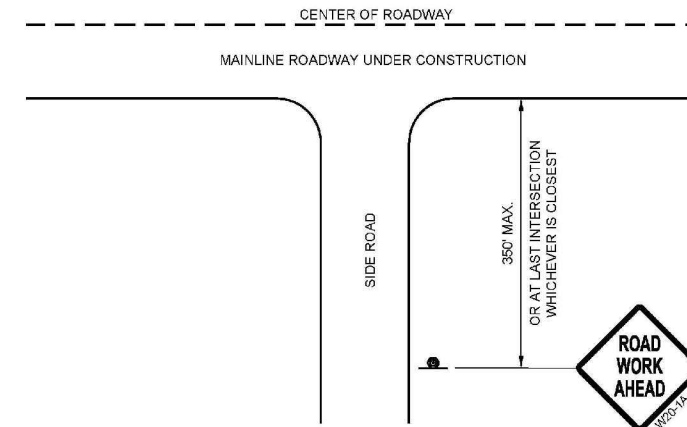
★ THE THIRD W20-1 SIGN IS REQUIRED ONLY IF THERE IS AN INTERSECTION BETWEEN THE "ROAD WORK 500 FEET" SIGN AND THE WORK ZONE. ADJUST THE PLACEMENT OF THIS SIGN BASED ON INTERSECTION LOCATION AND OTHER FIELD CONDITIONS.

LEGEND

■ SIGN ON PERMANENT SUPPORT

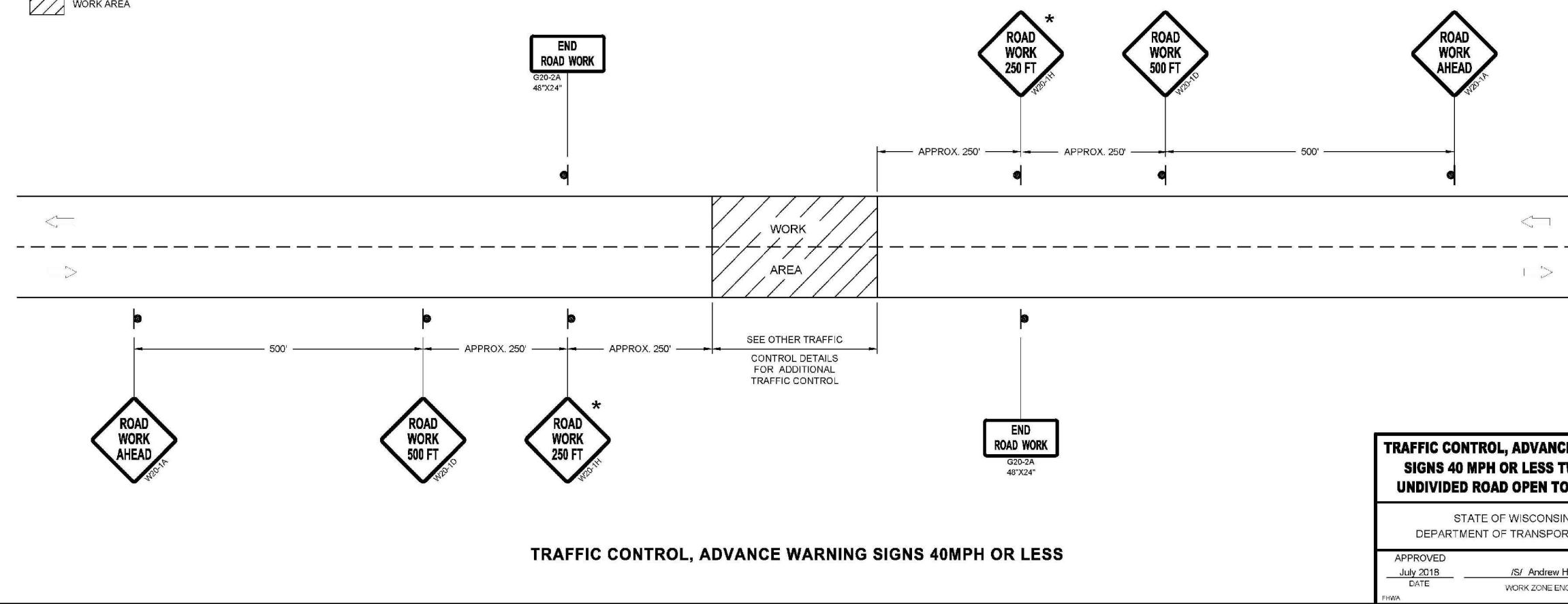
→ DIRECTION OF TRAFFIC

▨ WORK AREA



TYPICAL SIDE ROAD APPROACH WARNING SIGN DETAIL

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TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40MPH OR LESS

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 MPH OR LESS TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

IS/ Andrew Heidtke
WORK ZONE ENGINEER

PHWA

SDD 15C05 - 05

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DES BY	AMS	PROJ NO	56-0121.28	NO	DATE	2/7/2024	REVISION	ADDENDUM NO 1
DR BY	JWS	DATE	FEBRUARY 2024	NO	DATE		REVISION	
CHK BY	TAH	DATE	FEBRUARY 2024	NO	DATE		REVISION	

LOMBARDI ACCESS ROAD IMPROVEMENTS AND BROOKWOOD DRIVE SIDEWALK VILLAGE OF ASHWAUBENON



WISDOT DETAILS

SHEET NO. D-32

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.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR CLOSING RIGHT LANE - REVERSE FOR CLOSING LEFT LANE.

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

"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 OR AS APPROVED BY THE ENGINEER.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE IN PLACE 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

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

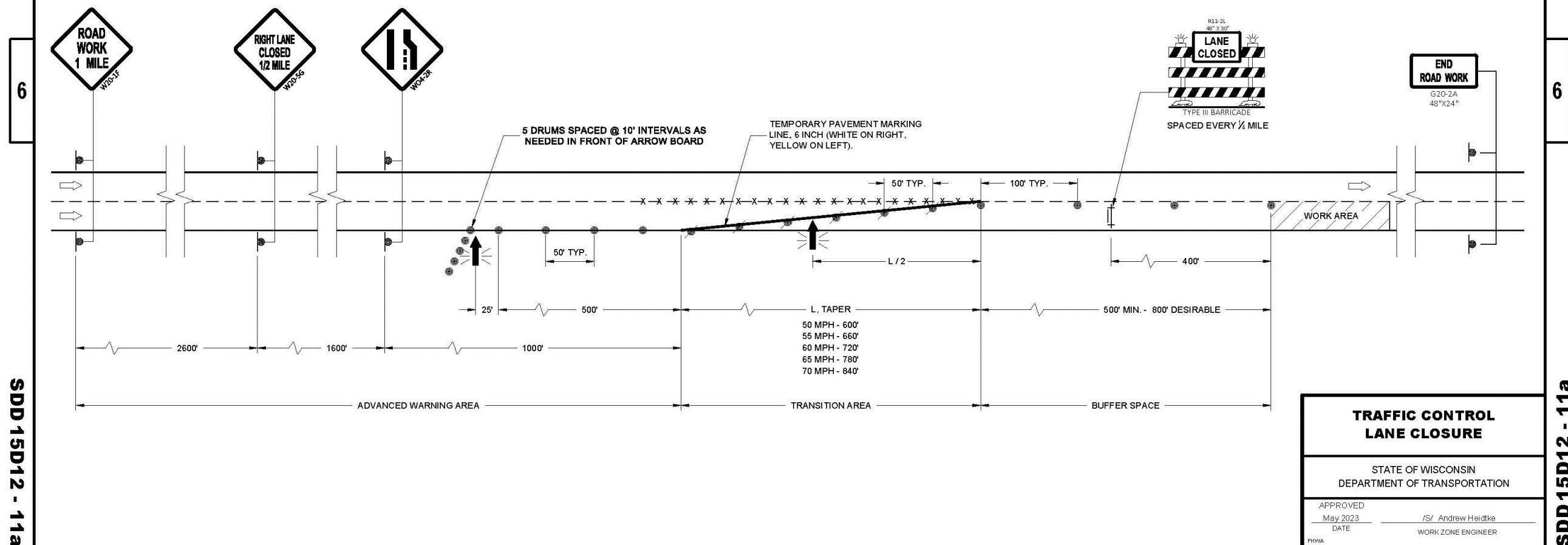
ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS

NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP OR INTERSECTION, THE LANE CLOSURE MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE ONE HALF THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

CONSIDER ROADWAY GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARD SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS.

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
- FLASHING ARROW BOARD



**TRAFFIC CONTROL
LANE CLOSURE**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/s/ Andrew Heidtke
WORK ZONE ENGINEER

SDD 15D12 - 11a

SDD 15D12 - 11a

AA-Standard.sbb
2/7/2024
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DES BY	AMS	PROJ NO	56-0121.28	NO	DATE	2/7/2024	REVISION	ADDENDUM NO 1
DR BY	JWS	DATE	FEBRUARY 2024	NO	DATE		REVISION	
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LOMBARDI ACCESS ROAD IMPROVEMENTS
AND BROOKWOOD DRIVE SIDEWALK
VILLAGE OF ASHWAUBENON



WISDOT DETAILS

SHEET NO.
D-33