

CITY OF CAMBRIDGE
CAMBRIDGE STREET CORRIDOR PROJECT
FROM OAKLAND STREET TO PROSPECT STREET
SEPARATED BIKE LANES

INDEX

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ALL WORK SHALL CONFORM TO THESE PLANS, THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES DATED 2023, THE 2017 CONSTRUCTION STANDARD DETAILS, THE 1968 STANDARD DRAWINGS FOR TRAFFIC SIGNALS AND HIGHWAY LIGHTING, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, 2023 EDITION, AND ALL INTERIM REVISIONS PUBLISHED BY FEDERAL HIGHWAY ADMINISTRATION. WHERE CONFLICTS EXIST, THE CITY OF CAMBRIDGE STANDARDS AND SPECIFICATIONS SHALL GOVERN.

PRELIMINARY - NOT FOR CONSTRUCTION

PROFESSIONAL CERTIFICATION	REUSE OF DOCUMENTS										<div><div>TOOLE DESIGN</div><div>141 TREMONT, FLOOR 9 BOSTON, MA 02111 PHONE: 617.619.9910 FAX: 301.927.2800 www.tooledesign.com</div></div> <div>CAMBRIDGE STREET SEPARATED BIKE LANES CITY OF CAMBRIDGE</div>										TRANSPORTATION										PROJECT NO. 00BOS.00122.07									
	ALL DRAWINGS ARE INSTRUMENTS OF PROFESSIONAL SERVICE FOR THIS PROJECT. REUSE OR ALTERATION IS AT THE USER'S SOLE RISK.																				TITLE SHEET																			
	DSGN		BCG																						DATE 2/26/2025															
	DR		BCG																						DRAWING NO. G-01															
	CHK		SA																						SHEET NO. 1 OF 4															
I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF [STATE], LICENSE NO. _____, EXPIRATION DATE: _____.										APVD		MLD		NO.		DATE		REVISION				BY		APVD																

H:\6000\00BOS.00122.07_S_Cambridge Street Separate Bike Lanes\PRODUCTION\CADD\PLANS\00BOS.00122.07_OAKLAND TO PROSPECT_01_TITLE SHEET.dwg
Monday, February 17, 2025 10:01:02 AM

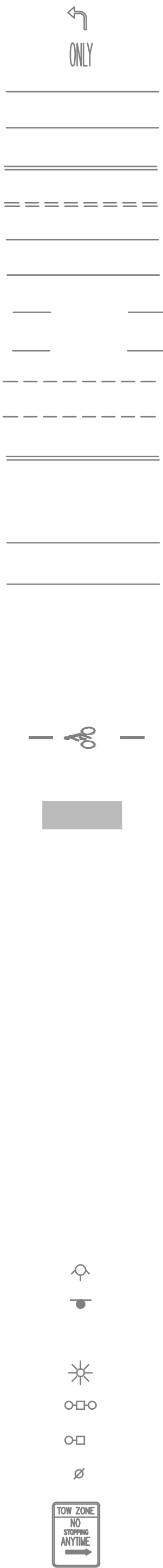
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GENERAL NOTES

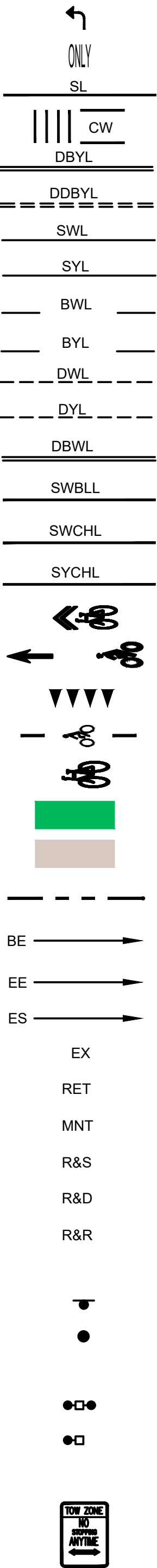
1. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, RULES, REGULATIONS AND SAFETY CODES IN THE CONSTRUCTION OF ALL IMPROVEMENTS. SIGN AND STRIPING WORK SHALL ALSO MEET ALL APPLICABLE REQUIREMENTS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
2. BASE MAPPING WAS ESTABLISHED UTILIZING GIS DATA PROVIDED BY THE CITY OF CAMBRIDGE. HYDRANTS, PARKING METERS, UTILITIES AND UTILITY POLES, LIGHT POLES, SIGNAL EQUIPMENT, STREET TREES, FENCING, AND OTHER STREET FURNITURE ARE APPROXIMATE.
3. EXISTING CONDITIONS MAY VARY FROM THOSE SHOWN ON THE PLANS. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND ADJUST WORK PLAN ACCORDINGLY PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL REPORT ANY CONFLICTS BETWEEN EXISTING CONDITIONS AND PROPOSED FEATURES TO THE ENGINEER.
4. ALL PAVEMENT MARKINGS AND SIGNS SHALL MEET MUTCD STANDARD SPECIFICATIONS.
5. THE CONTRACTOR SHALL ERADICATE ALL EXISTING PAVEMENT MARKINGS WITHIN THE LIMITS OF WORK USING AN APPROVED, NON-DESTRUCTIVE METHOD SUCH THAT NO TRACES OF EXISTING MARKINGS REMAIN VISIBLE. THE CONTRACTOR SHALL NOT INSTALL NEW PAVEMENT MARKINGS WITHOUT FIRST ERADICATING EXISTING PAVEMENT MARKINGS, OR AS DIRECTED BY THE FIELD ENGINEER.
6. THE CONTRACTOR SHALL TAKE ADEQUATE PRECAUTIONS TO PROTECT ALL WALKS, GRADING, SIDEWALKS, AND FEATURES ADJACENT TO THE LIMITS OF WORK. AS DIRECTED BY THE ENGINEER, AND AT THE CONTRACTOR'S OWN EXPENSE, THE CONTRACTOR SHALL REPAIR, REPLACE, OR OTHERWISE MAKE GOOD ANY DAMAGE CAUSED BY THE CONTRACTOR'S OPERATIONS.
7. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SEQUENCE THE WORK SUCH THAT THERE WILL BE NO CONFLICTS AT ANY TIME BETWEEN TRAFFIC PATTERNS AND TRAFFIC CONTROL DEVICES (TEMPORARY OR NEW) WITHIN THE LIMITS OF THE PROJECT.
8. ALL EXISTING PEDESTRIAN RAMP LOCATIONS ARE APPROXIMATE. NOT ALL EXISTING PEDESTRIAN RAMPS HAVE BEEN REVIEWED FOR ADA COMPLIANCE.
9. THE MINIMUM HEIGHT, MEASURED VERTICALLY FROM THE BOTTOM OF THE SIGN TO THE SIDEWALK, SHALL BE 7', THE MINIMUM LATERAL OFFSET, MEASURED FROM THE EDGE OF THE SIGN TO THE FACE OF THE CURB, SHALL BE 1'.
10. NEW SIGNS SHALL BE FULLY INSTALLED AT THE SAME TIME OR PRIOR TO THE INSTALLATION OF NEW PAVEMENT MARKINGS. SIGNS CONFLICTING WITH THE EXISTING PAVEMENT MARKINGS SHALL BE COVERED UNTIL THE FINAL PAVEMENT MARKINGS ARE INSTALLED ONCE THE PAVEMENT MARKINGS ARE INSTALLED, THE SIGNS SHALL BE PROMPTLY UNCOVERED.
11. ALL PARKING REGULATION SIGNS (EXISTING OR PROPOSED) SHALL BE INSTALLED AT 45 DEGREE ANGLE RELATIVE TO THE CURB LINE UNLESS OTHERWISE NOTED IN THE PLANS. ALL OTHER TRAFFIC-RELATED SIGNS (EXISTING OR PROPOSED) SHALL BE INSTALLED AT A 90 DEGREE ANGLE TO THE CURB, UNLESS OTHERWISE NOTED IN THE PLANS.
12. FLEXPOSTS TO BE CENTERED IN BUFFER SPACE UNLESS OTHERWISE NOTED.
13. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH ARE A RESULT OF THE CONTRACTOR'S ACTIVITIES OR METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL REPAIR OR REPLACE ALL DAMAGED UTILITIES AND RESTORE SERVICE IN A TIMELY MANNER, PRIOR TO PROCEEDING WITH CONSTRUCTION, AT THE CONTRACTOR'S EXPENSE.
14. WHERE AN EXISTING UTILITY IS FOUND TO BE IN CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED TO THE ENGINEER FOR RESOLUTION OF THE CONFLICT.
15. AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTORS EXPENSE.
16. THE TERM "PROPOSED" (PROP) MEANS WORK TO BE CONSTRUCTED USING NEW MATERIALS, REMOVING EXISTING MATERIALS IDENTIFIED AS "REMOVE AND STACK" (R&S), OR, WHERE APPLICABLE, RE-USING EXISTING MATERIALS IDENTIFIED AS "REMOVE AND RESET" (R&R).
17. THE TERM "MEET EX" MEANS TO MEET BOTH THE EXISTING HORIZONTAL ALIGNMENT AND ELEVATION.
18. STRIPED PARKING SPACES SHALL MAINTAIN A MINIMUM DISTANCE OF 4' FROM ALL DRIVEWAYS UNLESS OTHERWISE NOTED. CENTER PARKING SPACES BETWEEN DRIVEWAYS WHERE APPLICABLE.
19. PARKING AREAS SHOWN ARE APPROXIMATE LIMITS OF PARKING BASED UPON EXISTING SIGNED REGULATIONS. DRIVEWAYS SHOWN ON THE DRAWINGS ARE APPROXIMATE AND NOT ALL DRIVEWAYS ARE SHOWN.
20. THE CITY OF CAMBRIDGE IS RESPONSIBLE FOR THE INSTALLATION AND RELOCATION OF ALL PARKING METERS.
21. THE PREPARER OF THESE PLANS HAS NO ROLE IN THE OVERSIGHT OR OTHERWISE IN THE IMPLEMENTATION OF THESE PLANS.

LEGEND AND ABBREVIATIONS

EXISTING




PROPOSED

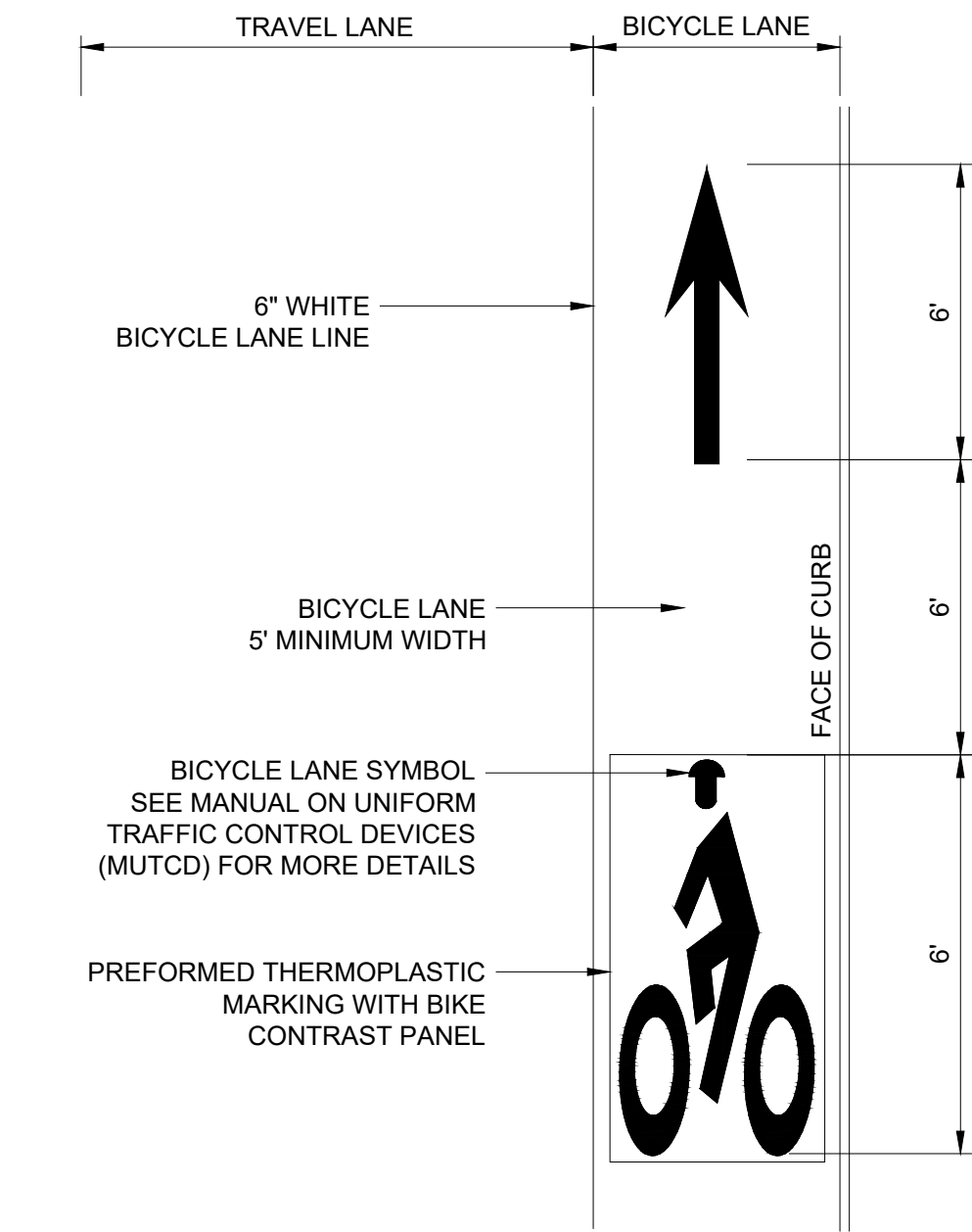


- PAVEMENT ARROW - WHITE
- LEGEND "ONLY" - WHITE
- 12" STOP LINE (UNLESS OTHERWISE NOTED)
- CROSSWALK
- 4" DOUBLE YELLOW LINE
- 4" DOTTED DOUBLE YELLOW LINE
- 6" SOLID WHITE LINE
- 6" SOLID YELLOW LINE
- 6" BROKEN WHITE LINE
- 6" BROKEN YELLOW LINE
- 6" DOTTED WHITE LINE (2' LINE, 4' GAP)
- 6" DOTTED YELLOW LINE (2' LINE, 4' GAP)
- 6" DOUBLE WHITE LINE
- 8" SOLID WHITE BIKE LANE LINE
- 8" SOLID WHITE CHANNELIZATION LINE
- 8" SOLID YELLOW CHANNELIZATION LINE
- SHARED LANE MARKING SYMBOL
- BIKE LANE MARKING SYMBOL
- BIKE LANE YIELD LINE
- BIKE DETECTOR SYMBOL
- BICYCLE BOX SYMBOL
- GREEN HIGH FRICTION SURFACE TREATMENT
- BEIGE HIGH FRICTION SURFACE TREATMENT
- LIMIT OF WORK
- BEGIN ERADICATION
- END ERADICATION
- ERADICATE SYMBOL
- EXISTING
- RETAIN
- MOUNT
- REMOVE AND STACK
- REMOVE AND DISPOSE
- REMOVE AND RESET
- HYDRANT
- SIGN POST
- FLEX POST
- STREET LIGHT
- DOUBLE HEAD METER
- SINGLE HEAD METER
- UTILITY POLE
- NEW OR RELOCATED SIGN

100% DESIGN SUBMISSION
PRELIMINARY - NOT FOR CONSTRUCTION

PROFESSIONAL CERTIFICATION	REUSE OF DOCUMENTS							 <div>141 TREMONT, FLOOR 9 BOSTON, MA 02111 PHONE: 617.619.9910 FAX: 301.927.2800 www.tooledesign.com</div>	CAMBRIDGE STREET SEPARATED BIKE LANES		TRANSPORTATION	PROJECT NO. 00BOS.00122.07
	ALL DRAWINGS ARE INSTRUMENTS OF PROFESSIONAL SERVICE FOR THIS PROJECT. REUSE OR ALTERATION IS AT THE USER'S SOLE RISK.								CITY OF CAMBRIDGE		GENERAL NOTES	DATE 2/26/2025
	DSGN	BCG								DRAWING NO. G-02		
	DR	BCG										
	CHK	SA										
I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF [STATE], LICENSE NO. _____, EXPIRATION DATE: _____.	APVD	MLD	NO.	DATE	REVISION	BY	APVD			SHEET NO. 2 OF 4		

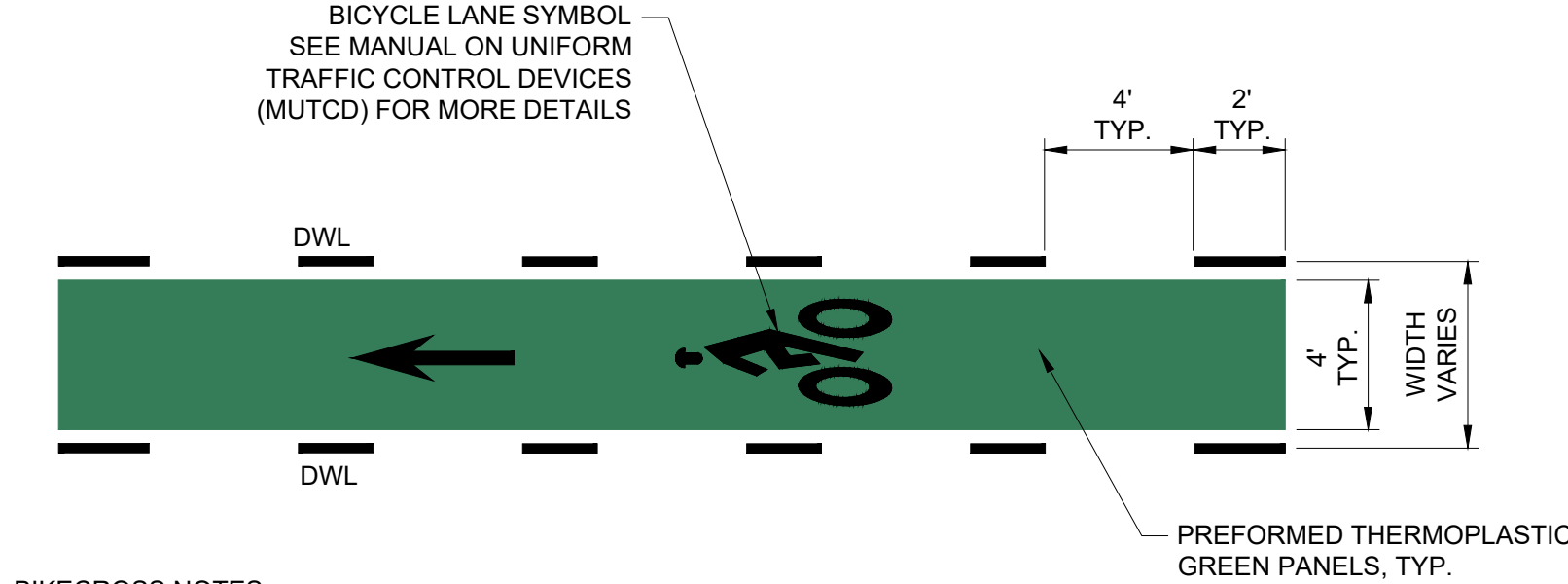
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Monday, February 17, 2025 10:01:39 AM



BICYCLE LANE STRIPING NOTES:

- DO NOT PLACE SYMBOLS ON LANE LINES.
- PLACE BICYCLE LANE SYMBOLS WITHIN CENTER OF BICYCLE LANE.
- SEE PLAN SHEETS FOR SYMBOL LOCATIONS.
- TRAVEL AND PARKING LANE WIDTHS ARE AS SHOWN ON THE DRAWINGS.
- DO NOT PLACE SYMBOLS WITHIN DASHED LINES.

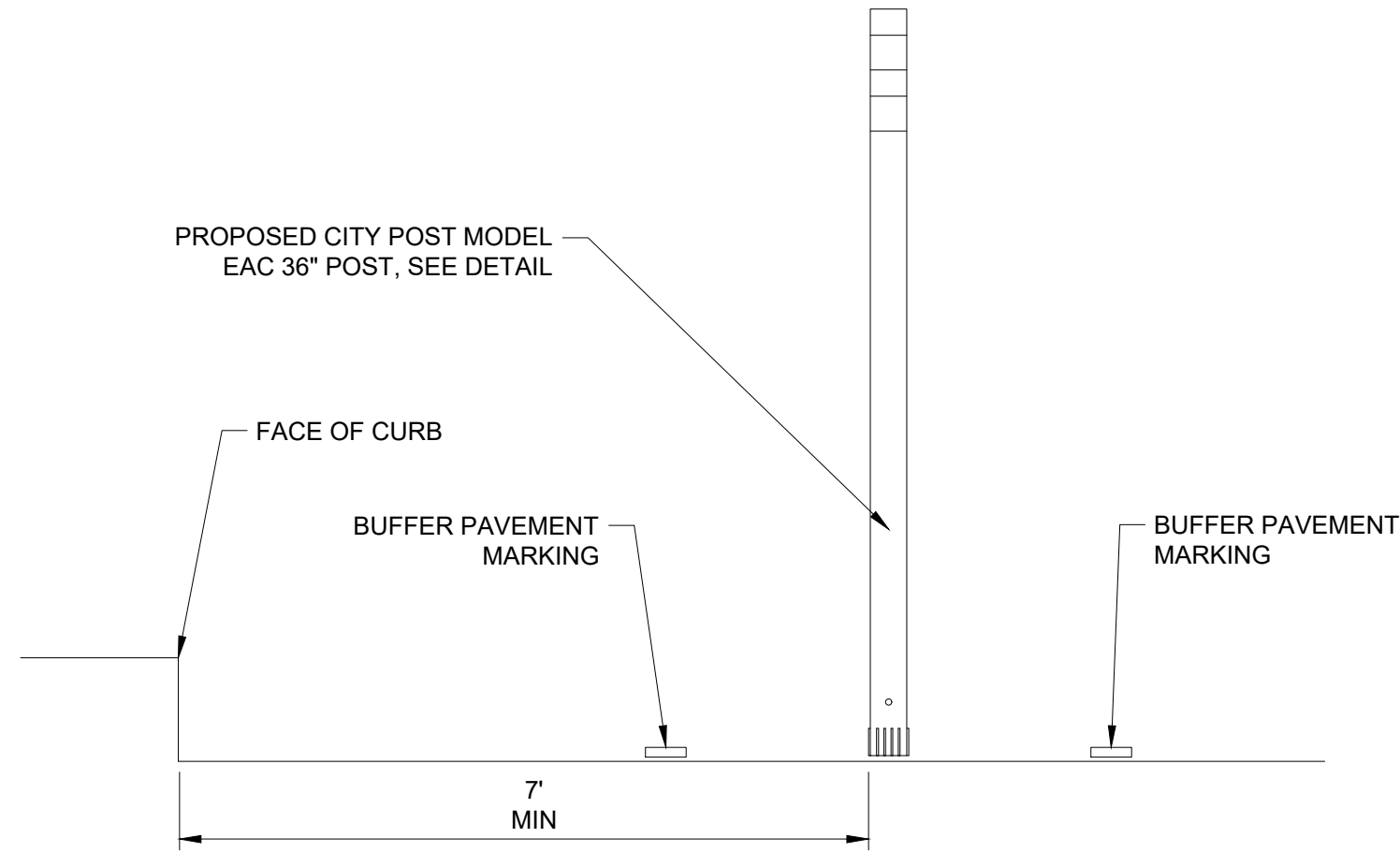
TYPICAL BICYCLE LANE MARKING SYMBOL
NOT TO SCALE



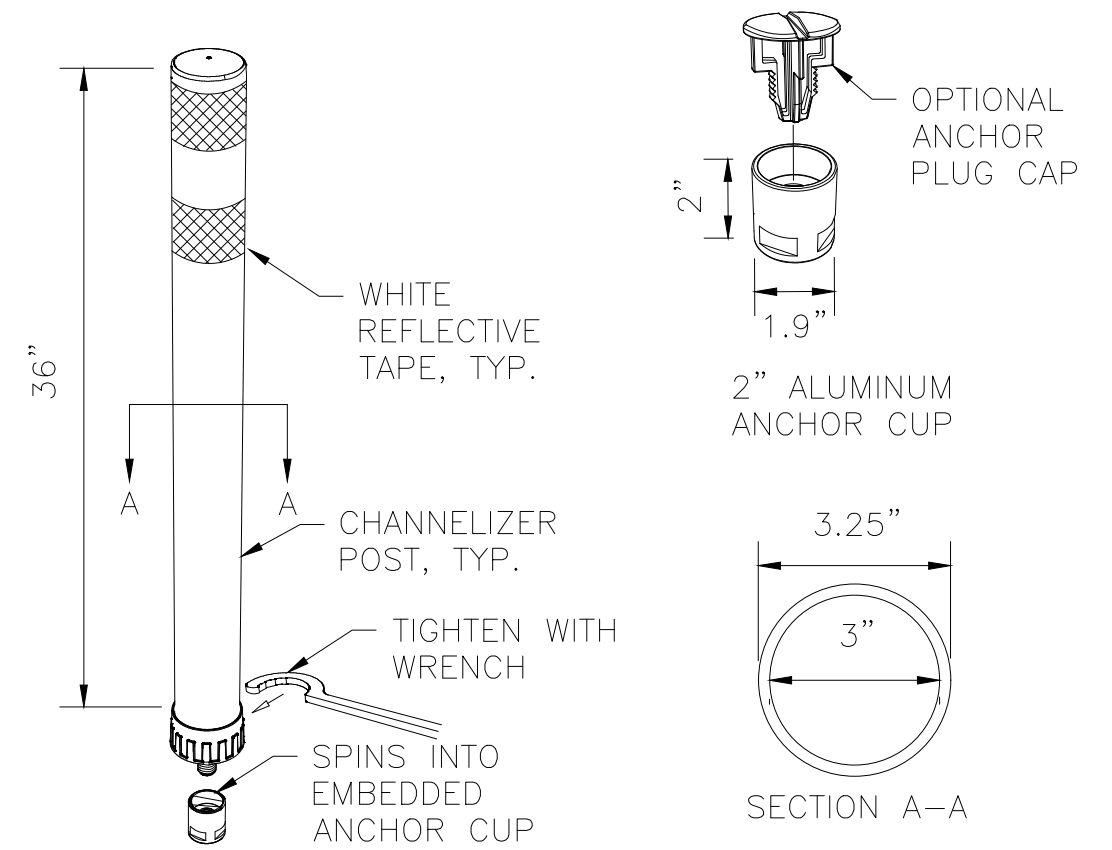
BIKECROSS NOTES:

- PREFORMED THERMOPLASTIC GREEN PANELS ARE USED AS SHOWN ON THE PLANS.
- INSTALL PREFORMED THERMOPLASTIC GREEN PANELS BETWEEN 2' DOTTED WHITE LANE LINES AS SHOWN ON PLANS.
- INSTALL PREFORMED THERMOPLASTIC GREEN PANELS SO THAT CROSSWALK MARKINGS ARE NOT DISTURBED.
- INSTALL PREFORMED THERMOPLASTIC GREEN PANELS SO NOT TO COVER ANY UTILITY MANHOLES AND/OR GATES.

TYPICAL BIKECROSS
NOT TO SCALE



TYPICAL LATERAL DISTANCE OF FLEXPOST FROM CURB
(UNLESS OTHERWISE NOTED ON PLANS)
NOT TO SCALE

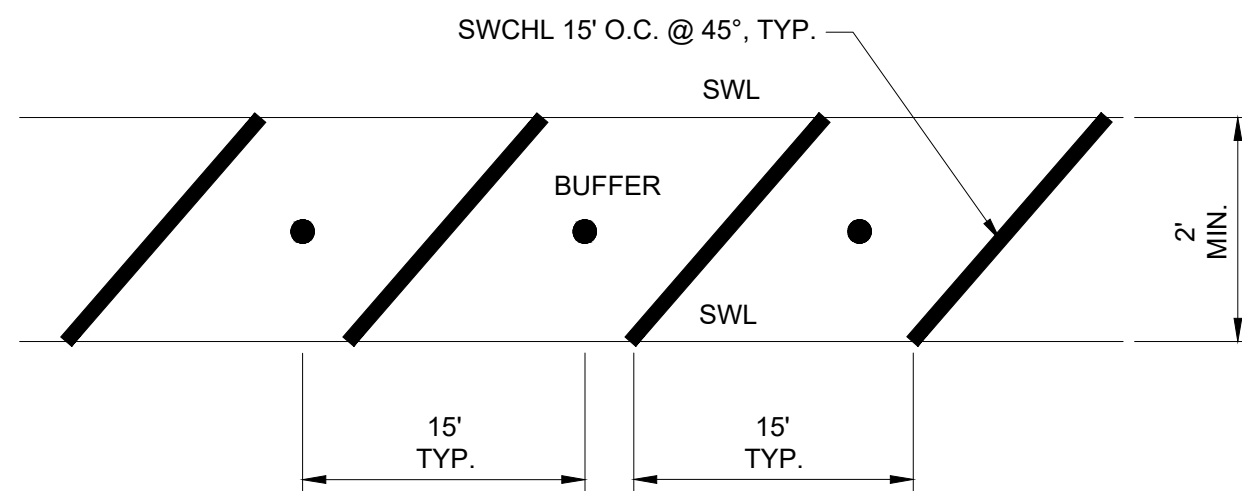


**36" WHITE CORED
BASE FLEXPOST DETAIL**
NOT TO SCALE

FLEXPOST NOTES:



- INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
- DIMENSIONS, MATERIALS, AND ATTACHMENTS MAY VARY BETWEEN MANUFACTURERS.
- COLOR OF POST SHALL MATCH COLOR OF APPLICABLE EDGE LINE.

CITY POST MODEL EAC 36" POST
NOT TO SCALE



BIKE LANE BUFFER DETAIL
NOT TO SCALE

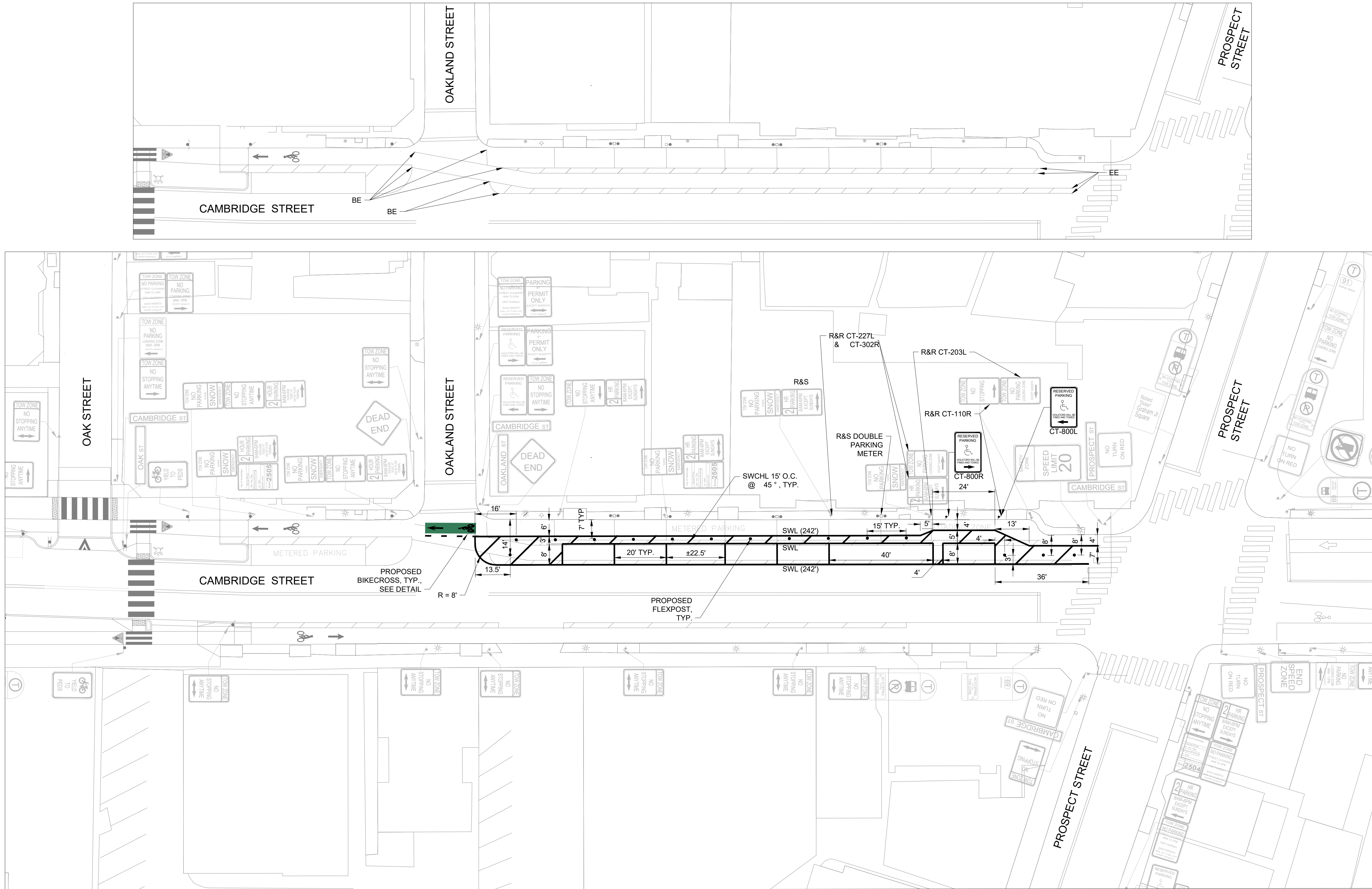
SIGN SUMMARY

IDENTIFICATION NUMBER	SIZE OF SIGN (INCHES)		UNIT AREA (SQ. FT.)	TEXT	TEXT DIMENSIONS	NUMBER OF SIGNS REQUIRED	COLOR		POST SIZE AND NUMBER REQUIRED PER SIGN	TOTAL AREA (SQ. FT.)
	WIDTH	HEIGHT								
CT-800L	12"	18"	1.50		SEE CITY OF CAMBRIDGE STANDARD DETAIL	1	SEE CITY OF CAMBRIDGE STANDARD DETAIL		2" POST(1)	1.50
CT-800R	12"	18"	1.50			1			2" POST(1)	1.50


PRELIMINARY - NOT FOR CONSTRUCTION

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		DSGN	BCG									DATE
		DR	BCG									2/26/2025
		CHK	SA									DRAWING NO.
		APVD	MLD	NO.	DATE	REVISION	BY	APVD			SHEET NO.	
												3 OF 4

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Wednesday, February 26, 2025 12:28:01 PM



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PROFESSIONAL CERTIFICATION	REUSE OF DOCUMENTS						<div></div> <div>141 TREMONT, FLOOR 9 BOSTON, MA 02111 PHONE: 617.619.9910 FAX: 301.927.2800 www.tooledesign.com</div>	CAMBRIDGE STREET SEPARATED BIKE LANES	TRANSPORTATION		PROJECT NO. 00BOS.00122.07
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	DSGN	BCG									DRAWING NO. PM-01
	DR	BCG									SHEET NO.
	CHK	SA									4 OF 4
	APVD	MLD	NO.	DATE	REVISION	BY	APVD				