

# CITY OF CAMBRIDGE

## CAMBRIDGE STREET CORRIDOR PROJECT

### FROM OAKLAND STREET TO PROSPECT STREET

### SEPARATED BIKE LANES

#### INDEX

DWG NO.	SHEET NO.	PLAN TITLE	PLAN TYPE
G-01	1	TITLE SHEET	GENERAL
G-02	2	GENERAL NOTES & LEGEND	GENERAL
CD-01	3	CONSTRUCTION DETAILS AND SIGN SUMMARY	DETAILS AND SIGN SUMMARY
PM-01	4	PAVEMENT MARKING AND SIGNAGE PLAN	PAVEMENT MARKING AND SIGNAGE



**LOCUS PLAN**  
NOT TO SCALE

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

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

**PROFESSIONAL CERTIFICATION**

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: \_\_\_\_\_

REUSE OF DOCUMENTS					
ALL DRAWINGS ARE INSTRUMENTS OF PROFESSIONAL SERVICE FOR THIS PROJECT. REUSE OR ALTERATION IS AT THE USER'S SOLE RISK.					
DGN	BCG				
DR	BCG				
CHK	SA				
APVD	MLD	NO.	DATE	REVISION	BY APVD

**TOOLE DESIGN**  
141 TREMONT, FLOOR 9  
BOSTON, MA 02111  
PHONE: 617.619.9910  
FAX: 301.927.2800  
www.tooledesign.com

**CAMBRIDGE STREET  
SEPARATED BIKE LANES**  
CITY OF CAMBRIDGE

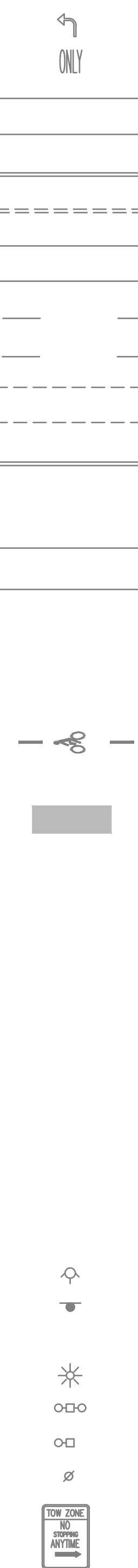
TRANSPORTATION		PROJECT NO.
<b>TITLE SHEET</b>		00BOS.00122.07
		DATE
		2/26/2025
		DRAWING NO.
		G-01
SHEET NO.		1 OF 4

## GENERAL NOTES

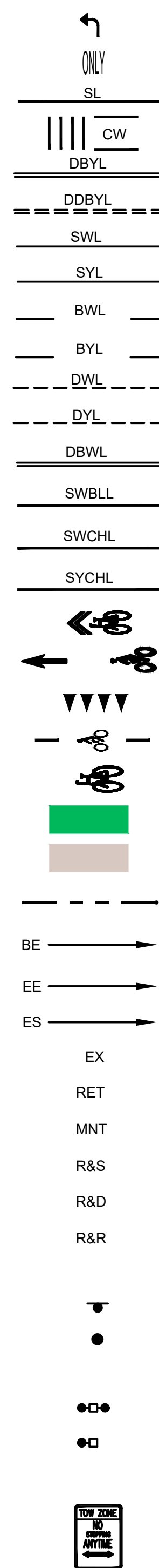
- THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, RULES, REGULATIONS AND SAFETY CODES IN THE CONSTRUCTION OF ALL IMPROVEMENTS. SIGN AND STRIPING WORK SHALL ALSO MEET ALL APPLICABLE REQUIREMENTS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- BASE MAPPING WAS 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.
- 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.
- ALL PAVEMENT MARKINGS AND SIGNS SHALL MEET MUTCD STANDARD SPECIFICATIONS.
- 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.
- 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.
- 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.
- ALL EXISTING PEDESTRIAN RAMP LOCATIONS ARE APPROXIMATE. NOT ALL EXISTING PEDESTRIAN RAMPS HAVE BEEN REVIEWED FOR ADA COMPLIANCE.
- 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'.
- 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.
- 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.
- FLEXPOSTS TO BE CENTERED IN BUFFER SPACE UNLESS OTHERWISE NOTED.
- 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.
- 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.
- 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.
- 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).
- THE TERM "MEET EX" MEANS TO MEET BOTH THE EXISTING HORIZONTAL ALIGNMENT AND ELEVATION.
- STRIPED PARKING SPACES SHALL MAINTAIN A MINIMUM DISTANCE OF 4' FROM ALL DRIVEWAYS UNLESS OTHERWISE NOTED. CENTER PARKING SPACES BETWEEN DRIVEWAYS WHERE APPLICABLE.
- 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.
- THE CITY OF CAMBRIDGE IS RESPONSIBLE FOR THE INSTALLATION AND RELOCATION OF ALL PARKING METERS.
- 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

H:\6000\00BOS.00122.07\_S\_Cambridge Street Separate Bike Lanes\PRODUCTION\CADD\PLANS\00BOS.00122.07\_OAKLAND TO PROSPECT\_02\_GENERAL NOTES.dwg Monday, February 17, 2025, 10:01:41 AM

100% DESIGN SUBMISSION  
PRELIMINARY - NOT FOR CONSTRUCTION

**PROFESSIONAL CERTIFICATION**

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: \_\_\_\_\_

REUSE OF DOCUMENTS					
ALL DRAWINGS ARE INSTRUMENTS OF PROFESSIONAL SERVICE FOR THIS PROJECT. REUSE OR ALTERATION IS AT THE USER'S SOLE RISK.					
DSGN	BCG				
DR	BCG				
CHK	SA				
APVD	MLD	NO.	DATE	REVISION	BY APVD

**TOOLE DESIGN**

141 TREMONT, FLOOR 9  
BOSTON, MA 02111  
PHONE: 617.619.9910  
FAX: 301.927.2800  
www.tooledesign.com

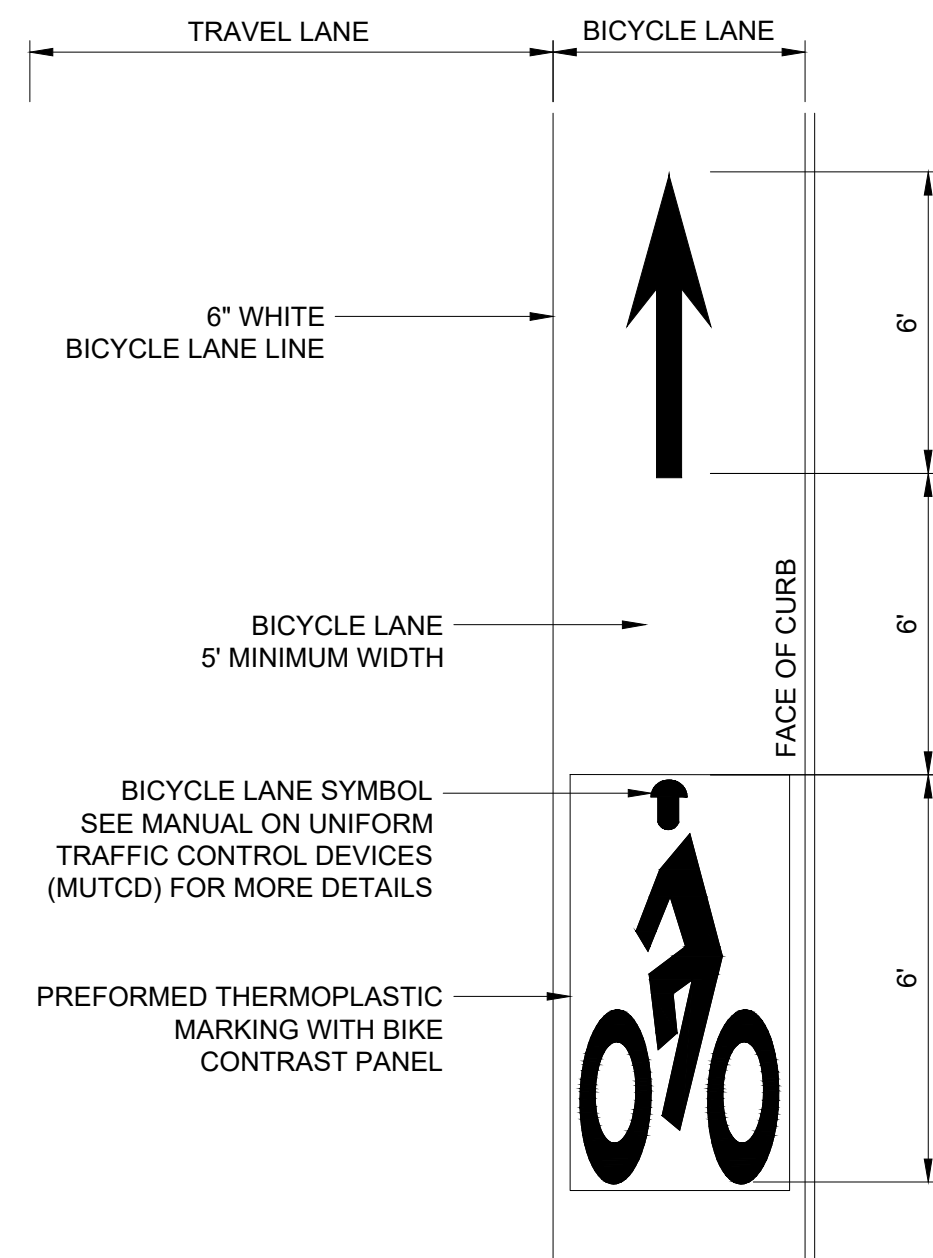
CAMBRIDGE STREET  
SEPARATED BIKE LANES  
CITY OF CAMBRIDGE

TRANSPORTATION

**GENERAL NOTES**

PROJECT NO.	00BOS.00122.07
DATE	2/26/2025
DRAWING NO.	G-02
SHEET NO.	2 OF 4

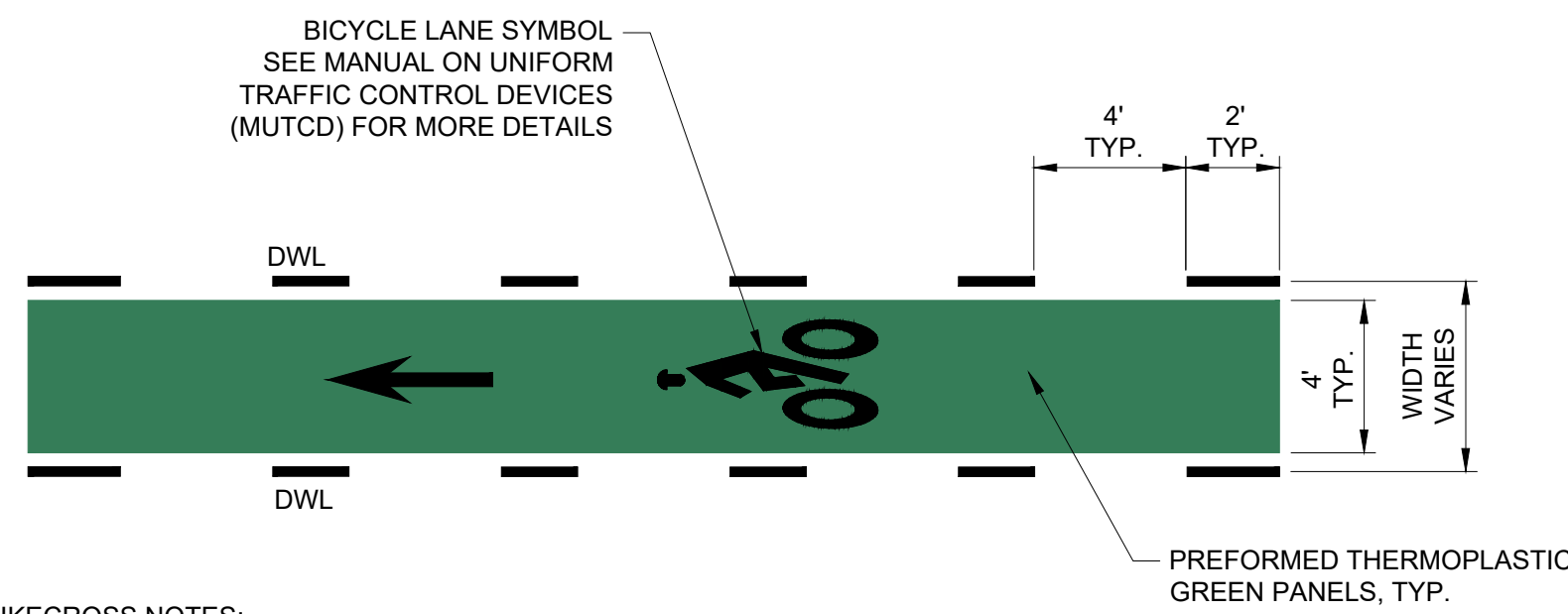
H:\6000\00BOS\00122.07\_S\_Cambridge Street Separate Bike Lanes\PRODUCTION\CADD\PLANS\00BOS\00122.07\_OAKLAND TO PROSPECT\_03\_DETAILS.dwg  
Monday, February 17, 2025 10:01:39 AM



**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.

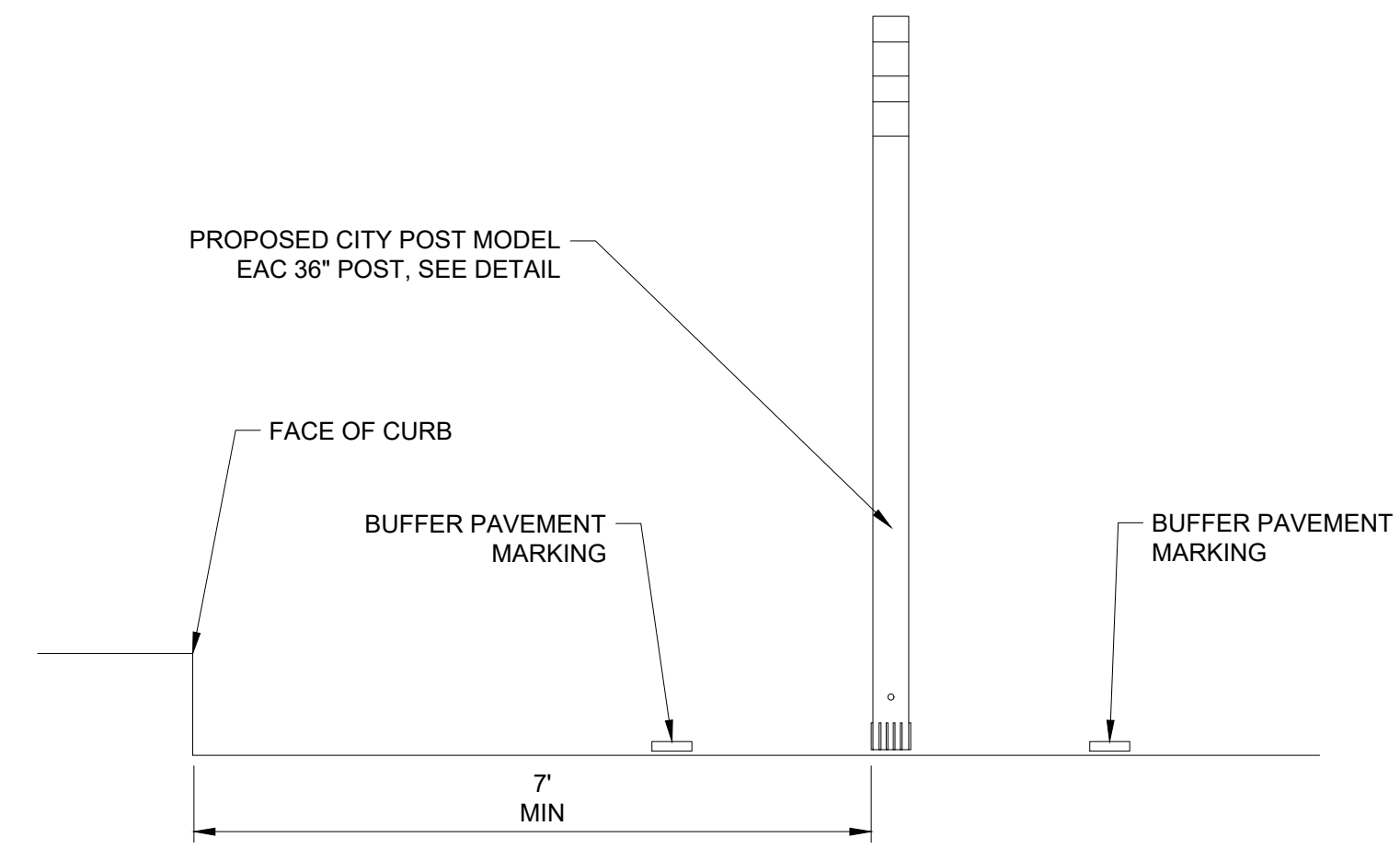
**TYPICAL BICYCLE LANE MARKING SYMBOL**  
NOT TO SCALE



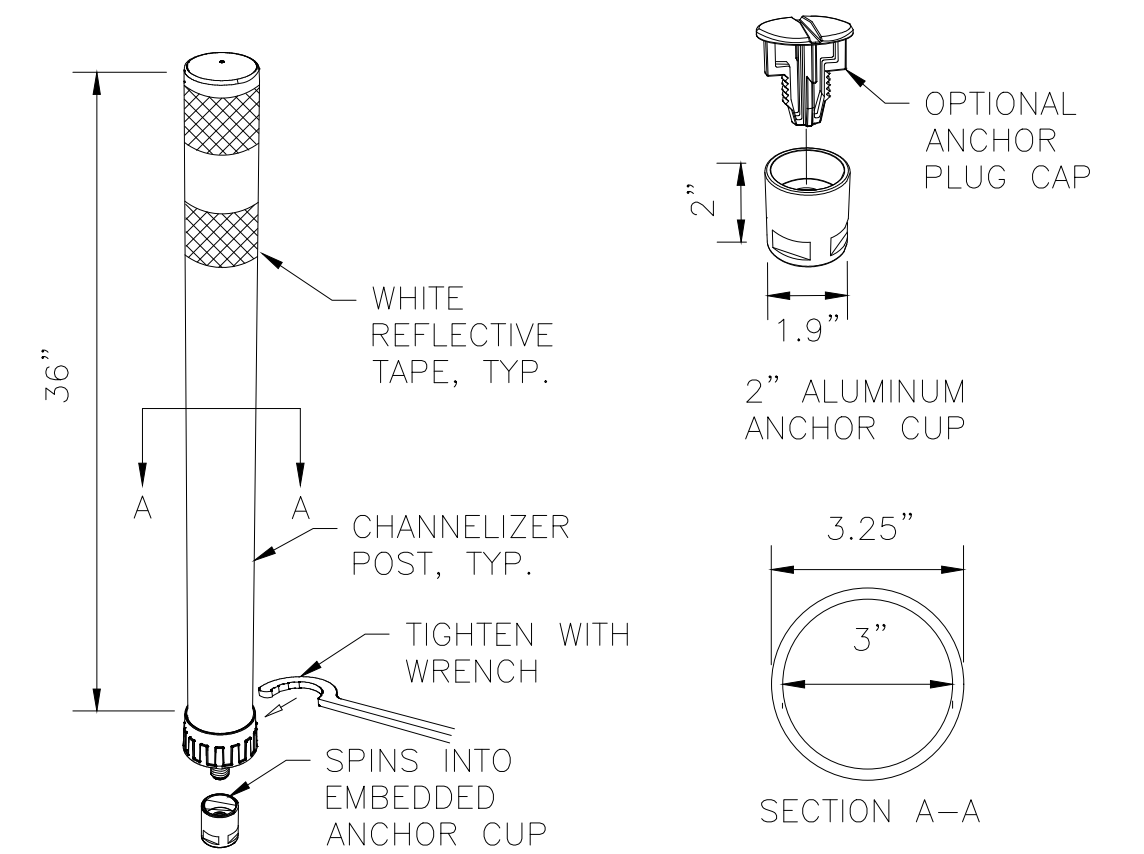
**BIKECROSS NOTES:**

- 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

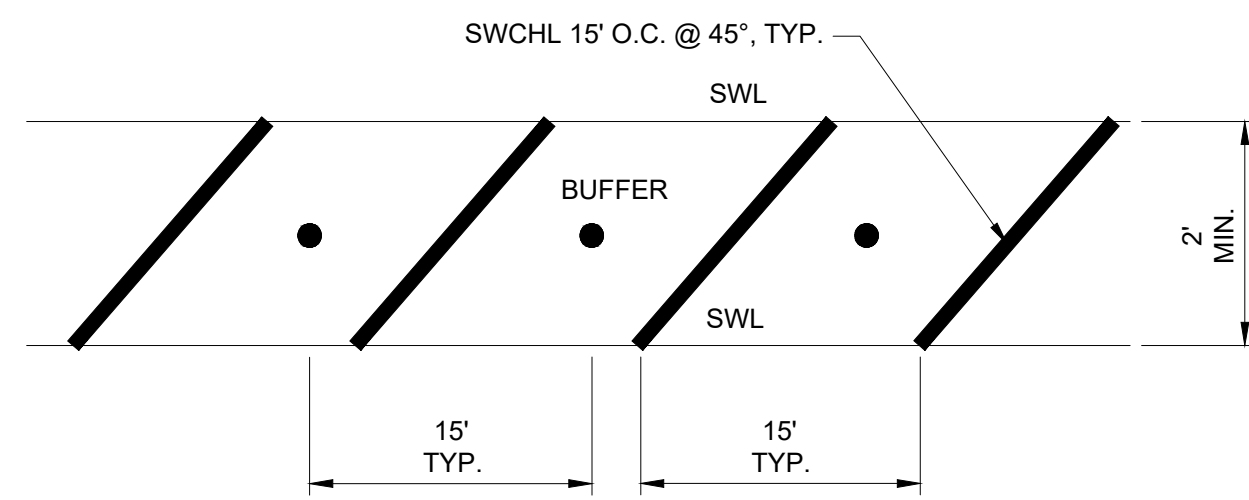
**FLEXPOST NOTES:**

- 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

**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



**BIKE LANE BUFFER DETAIL**  
NOT TO SCALE

**PRELIMINARY - NOT FOR CONSTRUCTION**

**PROFESSIONAL CERTIFICATION**

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: \_\_\_\_\_

**REUSE OF DOCUMENTS**

ALL DRAWINGS ARE INSTRUMENTS OF PROFESSIONAL SERVICE FOR THIS PROJECT. REUSE OR ALTERATION IS AT THE USER'S SOLE RISK.

DSGN	BCG	NO.	DATE	REVISION	BY	APVD
DR	BCG					
CHK	SA					
APVD	MLD					

**TOOLE DESIGN**

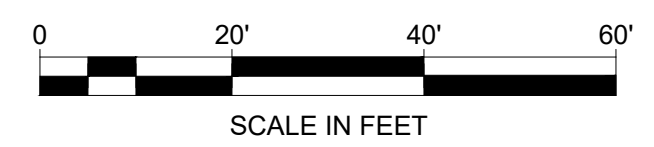
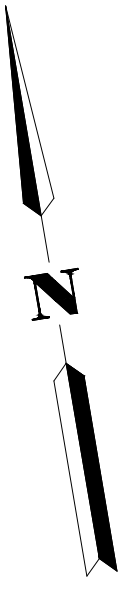
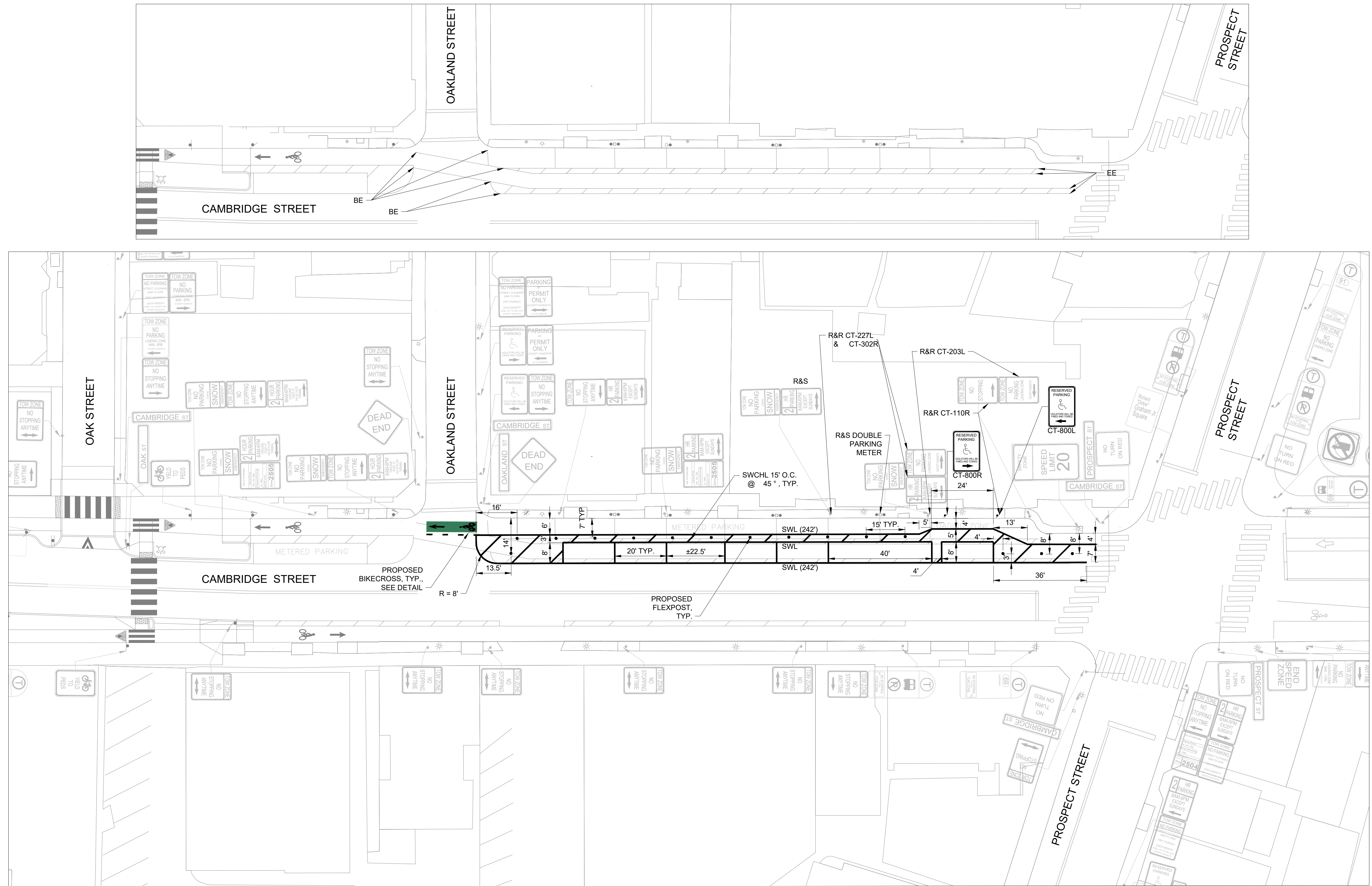
2 OLIVER STREET, SUITE 305  
BOSTON, MA 02109  
PHONE: 617.619.9910  
FAX: 301.927.2800  
www.tooledesign.com

**CAMBRIDGE STREET SEPARATED BIKE LANES**  
CITY OF CAMBRIDGE

**TRANSPORTATION**  
**CONSTRUCTION DETAILS AND SIGN SUMMARY**

PROJECT NO.	00BOS.00122.07
DATE	2/26/2025
DRAWING NO.	CD-01
SHEET NO.	3 OF 4

H:\6000\00BOS.00122.07\_S\_Cambridge Street Separate Bike Lanes\PRODUCTION\CADD\PLANS\00BOS.00122.07\_OAKLAND TO PROSPECT\_04\_PM\_PLAN.dwg  
Wednesday, February 26, 2025 12:28:01 PM



100% DESIGN SUBMISSION  
PRELIMINARY - NOT FOR CONSTRUCTION

**PROFESSIONAL CERTIFICATION**  
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: \_\_\_\_\_

REUSE OF DOCUMENTS		ALL DRAWINGS ARE INSTRUMENTS OF PROFESSIONAL SERVICE FOR THIS PROJECT. REUSE OR ALTERATION IS AT THE USER'S SOLE RISK.	
DSGN	BCG		
DR	BCG		
CHK	SA		
APVD	MLD	NO.	DATE
			REVISION
		BY	APVD

**TOOLE DESIGN**

141 TREMONT, FLOOR 9  
BOSTON, MA 02111  
PHONE: 617.619.9910  
FAX: 301.927.2800  
www.tooledesign.com

CAMBRIDGE STREET SEPARATED BIKE LANES  
CITY OF CAMBRIDGE

TRANSPORTATION  
**PAVEMENT MARKING AND SIGNAGE PLAN**

PROJECT NO.	00BOS.00122.07
DATE	2/26/2025
DRAWING NO.	PM-01
SHEET NO.	4 OF 4