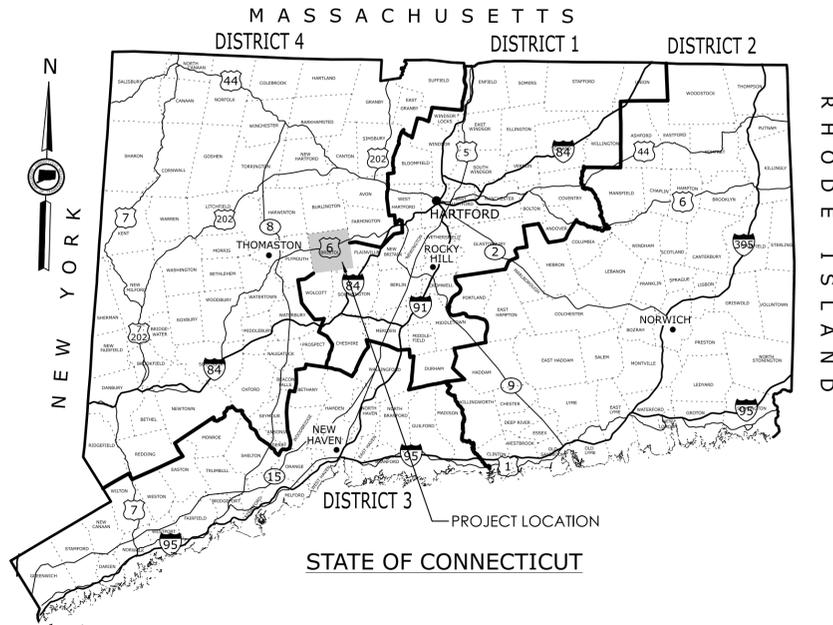


CITY OF BRISTOL, CT



Plans For PARK STREET (CT ROUTE 72)



GENERAL NOTES:

- CONSTRUCTION SPECIFICATIONS:
Connecticut Department of Transportation, Standard Specifications for Roads, Bridges, Facilities and Incidental Construction, Form 819 dated 2024; Supplemental Specifications, dated July 2023; and Special Provisions
- 400 FOOT GRID BASED ON CONNECTICUT COORDINATE SYSTEM N.A.D. 1927 N.A.D. 1983
- VERTICAL DATUM BASED ON NGVD OF 1929 NAVD 1988
- Surveyed By: ROBERT GREEN ASSOCIATES

DISCLAIMER:

IT IS THE RESPONSIBILITY OF EACH BIDDER AND ALL OTHER INTERESTED PARTIES TO OBTAIN ALL BIDDING RELATED INFORMATION AND DOCUMENTS FROM OFFICIAL SOURCES WITHIN THE DEPARTMENT.

PERSONS AND/OR ENTITIES WHICH REPRODUCE AND/OR MAKE SUCH INFORMATION AVAILABLE BY ANY MEANS ARE NOT AUTHORIZED BY THE DEPARTMENT TO DO SO AND MAY BE LIABLE FOR CLAIMS RESULTING FROM THE DISSEMINATION OF UNOFFICIAL, INCOMPLETE AND/OR INACCURATE INFORMATION.

ROAD	MAINTENANCE RESPONSIBILITY	LENGTH
PARK ST	CITY	1740 FEET
	MAINTENANCE RESPONSIBILITY	PROJECT #
	CITY	



LOCATION PLAN
NOT TO SCALE

LIST OF DRAWINGS

SHEET NO.	DRAWING TITLE
01	TITLE SHEET
02 - 05	ALIGNMENT PLANS
06	TYPICAL SECTIONS
07 - 10	MISCELLANEOUS DETAILS
11 - 14	CIVIL PLANS - ALTERNATIVE #1 MATCH EXISTING CURB
15 - 18	CIVIL PLANS - ALTERNATIVE #2 MINOR WIDENING

LIST OF CTDOT STANDARD DRAWINGS

SHEET NO.	DRAWING TITLE
HW-586_01	CATCH BASIN AND DROP INLET TYPES "C" AND "C-L"
HW-586_02	CATCH BASIN (TYPES "C" AND "C-L" FOR DOUBLE GRATE TYPE 1 STRUCTURES)
HW-586_07a	CATCH BASIN TYPE "C" AND "C-L" TOPS
HW-586_07b	CATCH BASIN TYPE "C" AND "C-L" DOUBLE GRATE TYPE 1 TOPS
HW-813_02	STONE CURBING
HW-921_01	CONCRETE SIDEWALK
HW-922_01	BITUMINOUS CONCRETE SIDEWALK AND BITUMINOUS CONCRETE DRIVEWAY
HW-924_01	CONCRETE DRIVEWAY RAMPS
TR-1001_01	TRENCHING & BACKFILLING, ELECTRICAL CONDUIT
TR-1002_01	TRAFFIC CONTROL FOUNDATIONS
TR-1107_01	PEDESTRAIN PUSH BUTTON
TR-1210_04	PAVEMENT MARKINGS LINES AND SYMBOLS
TR-1210_08	PAVEMENT MARKINGS FOR NON FREEWAYS

STANDARD CONVENTIONS			
Grid Arrow	Chain Link Fence	Riprap	Under Ground Power Line
North Arrow W/No. Coord.	Rustic Fence	Hedge Row	Over Head Power Line
Edge of Road	Pipe Fence	Tree Line	Railroad Tracks
Concrete Pavement	Board Fence	Ledge Outcrop	State Line
Dir Road	Retaining Wall	Stone Wall	Property Line
B.C.P.C.	Water Edge	Shrub	Lot Line
Granite Curb	Stream	Evergreen Tree	Easement Line
Concrete Median Barrier	Ditch	Deciduous Tree	Town Line
Bit. Walk	Limit of Marsh	Inland Wetland Limits	Highway Line
Conc. Sidewalk	Swamp	Swamp	Street Line
	Building	Transmission Tower	

THE DESIGN APPEARS TO CONFORM TO APPLICABLE CRITERIA. APPROVAL IS NOT TO BE CONSTRUED TO MEAN THAT ALL ASPECTS OF THE DESIGN HAVE BEEN PERSONALLY CHECKED BY THE UNDERSIGNED.

DESIGNED BY:
CONSULTANT COMPANY NAME

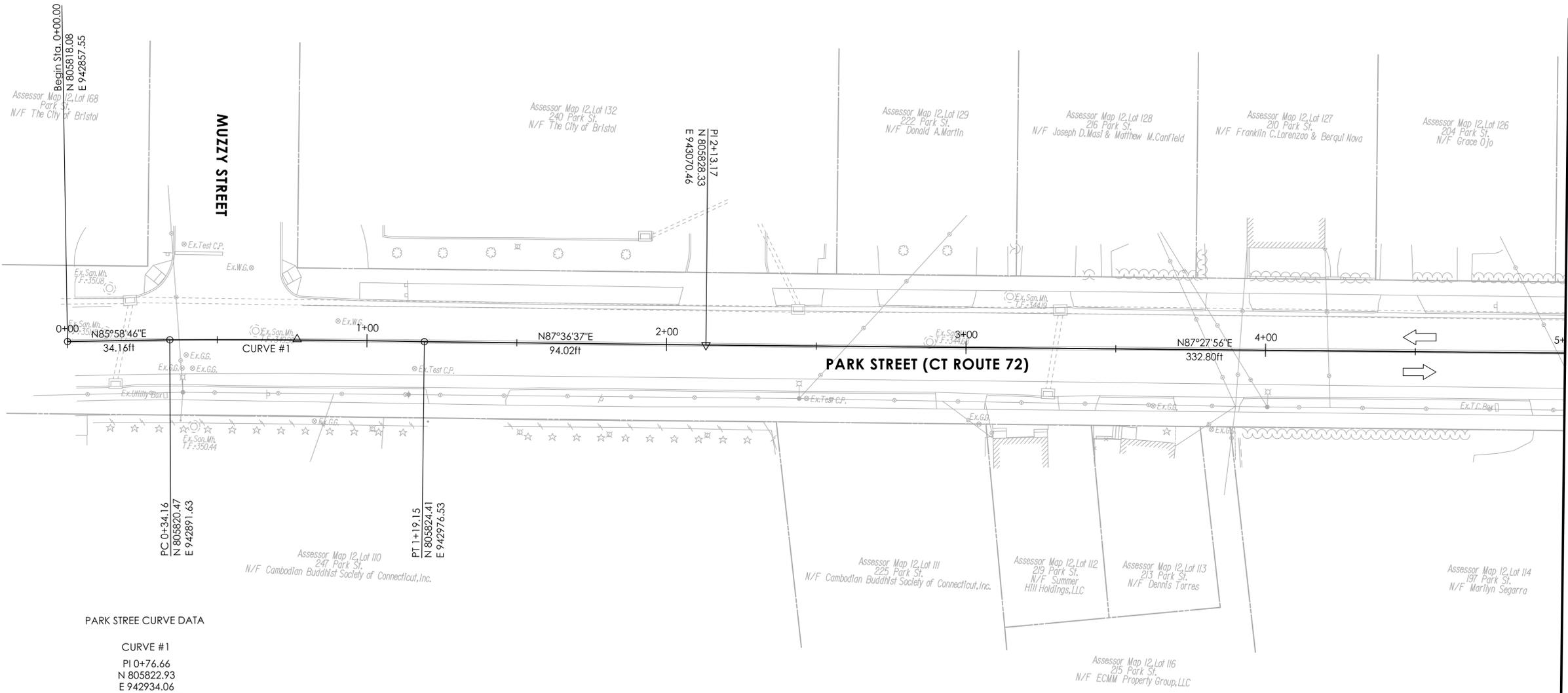
PRELIMINARY DESIGN REVIEW

Plans For STREETSCAPE IMPROVEMENTS OF PARK STREET

Town(s)/City
BRISTOL

PROJECT NO.

DRAWING NO.
G-1
SHEET NO.
1



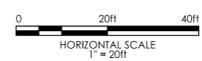
PARK STREET CURVE DATA

CURVE #1
 PI 0+76.66
 N 805822.93
 E 942934.06
 DELTA 01°18'27"
 R 3724.07ft
 L 84.99ft
 T 42.50ft
 D 01°32'19"

MATCH MARK - SEE DRAWING NO. ALN-02

REV.	DATE	REVISION DESCRIPTION

DESIGNER/DRAFTER: DMD CHECKED BY: PMB

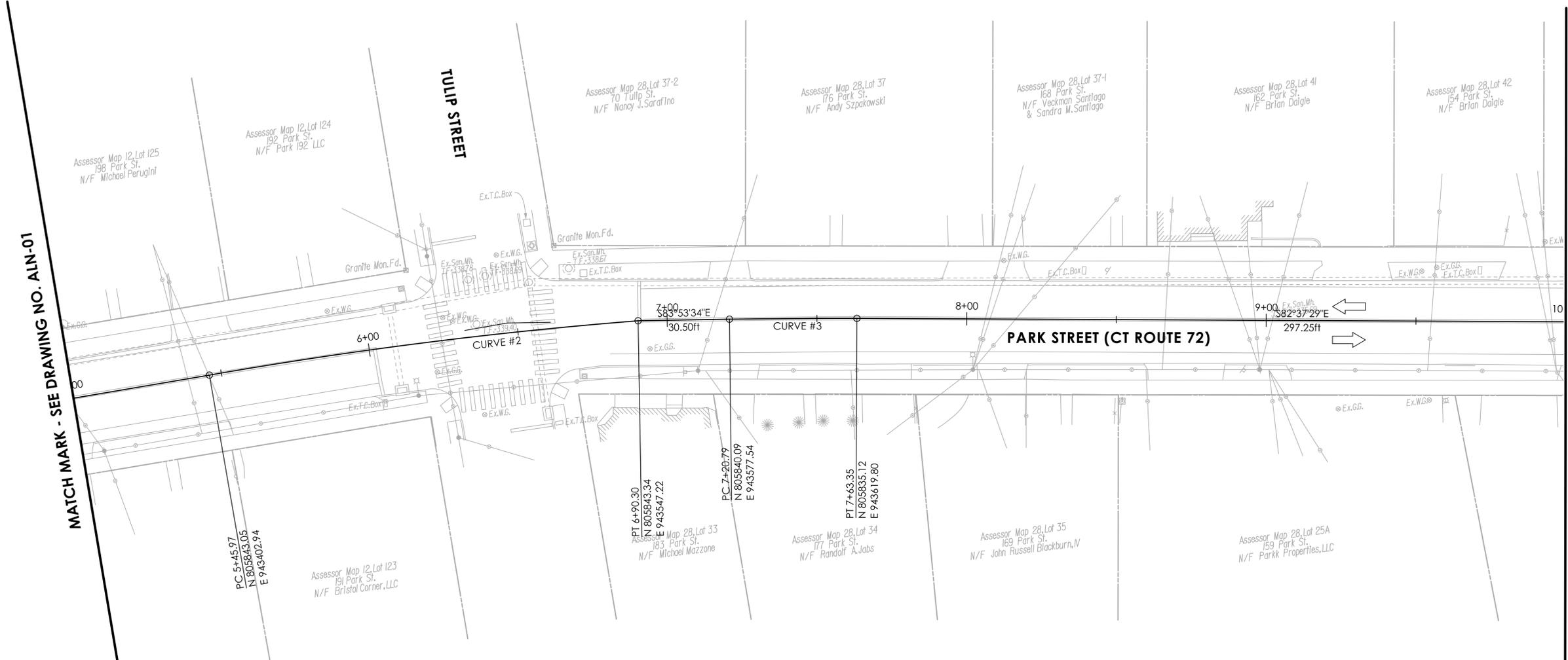


SIGNATURE/BLOCK: **GMP**
 GM2 ASSOCIATES, INC.
 115 GLASTONBURY BLVD.
 GLASTONBURY, CT 06033

CITY OF BRISTOL

PROJECT NUMBER: 40968
 PROJECT DESCRIPTION: PARK STREET STREETScape IMPROVEMENTS
 TOWN(S): BRISTOL
 DRAWING TITLE: ALIGNMENT PLAN

DRAWING NO. ALN-01
 SHEET NO.



MATCH MARK - SEE DRAWING NO. ALN-01

MATCH MARK - SEE DRAWING NO. ALN-03

PARK STREE CURVE DATA

CURVE #2	CURVE #3
PI 6+18.19	PI 7+42.07
N 805846.58	N 805837.72
E 943475.07	E 943598.68
DELTA 05°22'40"	DELTA 00°35'28"
R 1537.69ft	R 4124.12ft
L 144.33ft	L 42.55ft
T 72.22ft	T 21.28ft
D 03°43'34"	D 01°23'21"

REV.	DATE	REVISION DESCRIPTION

DESIGNER/DRAFTER: DMD CHECKED BY: PMB

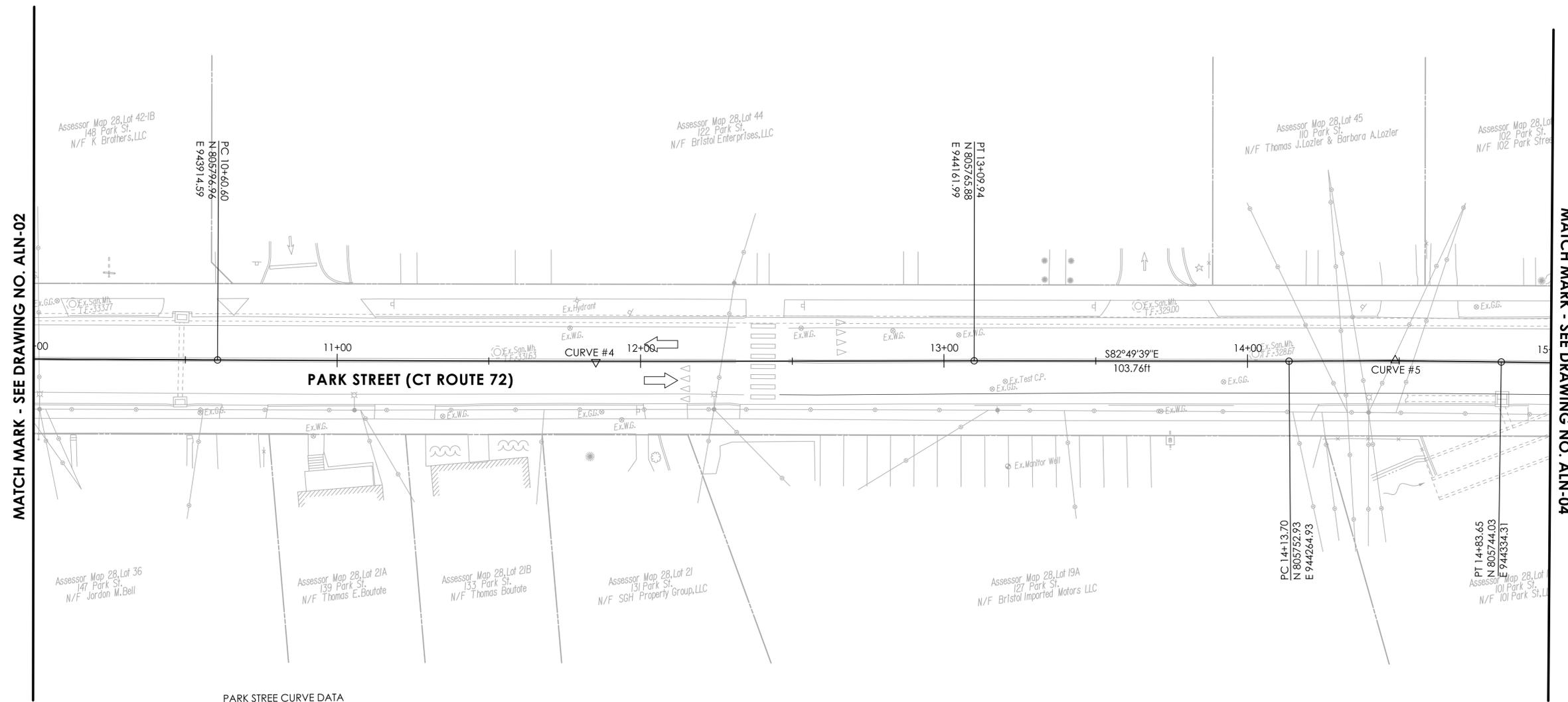
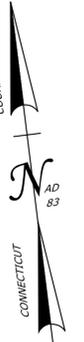


SIGNATURE/BLOCK: **GMP**
 GMP2 ASSOCIATES, INC.
 115 GLASTONBURY BLVD.
 GLASTONBURY, CT 06033

CITY OF BRISTOL

PROJECT NUMBER: 40968
 PROJECT DESCRIPTION: PARK STREET STREETScape IMPROVEMENTS
 TOWN(S): BRISTOL
 DRAWING TITLE: ALIGNMENT PLAN

DRAWING NO. ALN-02
 SHEET NO.



MATCH MARK - SEE DRAWING NO. ALN-02

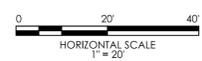
MATCH MARK - SEE DRAWING NO. ALN-04

PARK STREET CURVE DATA

CURVE #4	CURVE #5
PI 11+85.27	PI 14+48.67
N 805780.89	N 805748.88
E 944038.22	E 944299.67
DELTA 00°29'51"	DELTA 01°19'42"
R 28721.50ft	R 3016.88ft
L 249.34ft	L 69.95ft
T 124.67ft	T 34.98ft
D 00°11'58"	D 01°53'57"

REV.	DATE	REVISION DESCRIPTION

DESIGNER/DRAFTER: DMD CHECKED BY: PMR

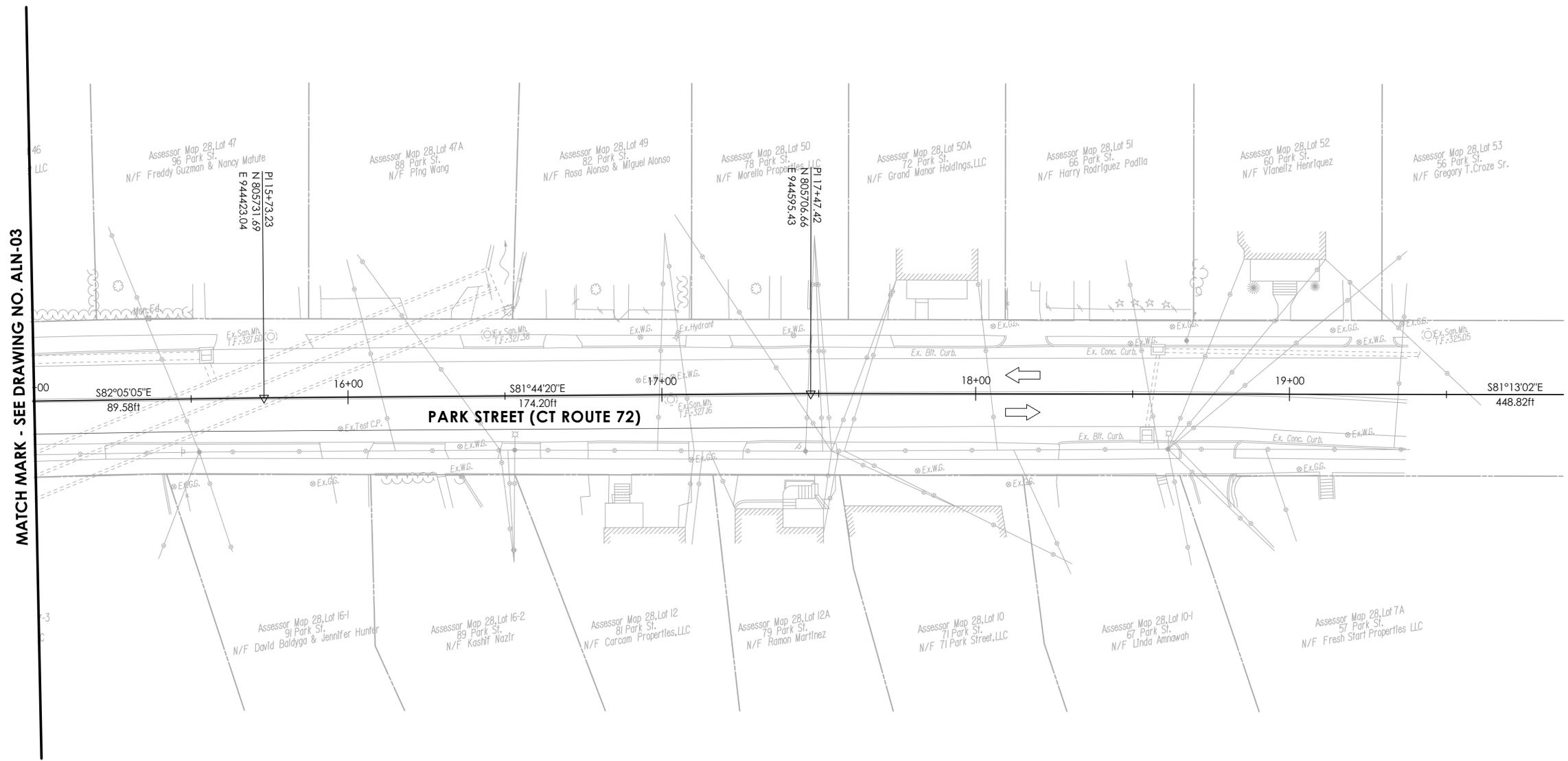
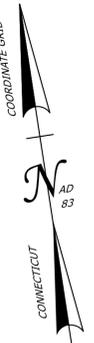


SIGNATURE/BLOCK: **GMP**
 GM2 ASSOCIATES, INC.
 115 GLASTONBURY BLVD.
 GLASTONBURY, CT 06033

CITY OF BRISTOL

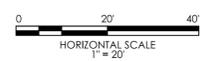
PROJECT NUMBER: 40968
 PROJECT DESCRIPTION: PARK STREET STREETScape IMPROVEMENTS
 TOWN(S): BRISTOL
 DRAWING TITLE: PARK STREET ALIGNMENT PLANS

DRAWING NO.
ALN-03
 SHEET NO.



MATCH MARK - SEE DRAWING NO. ALN-03

REV.	DATE	REVISION DESCRIPTION



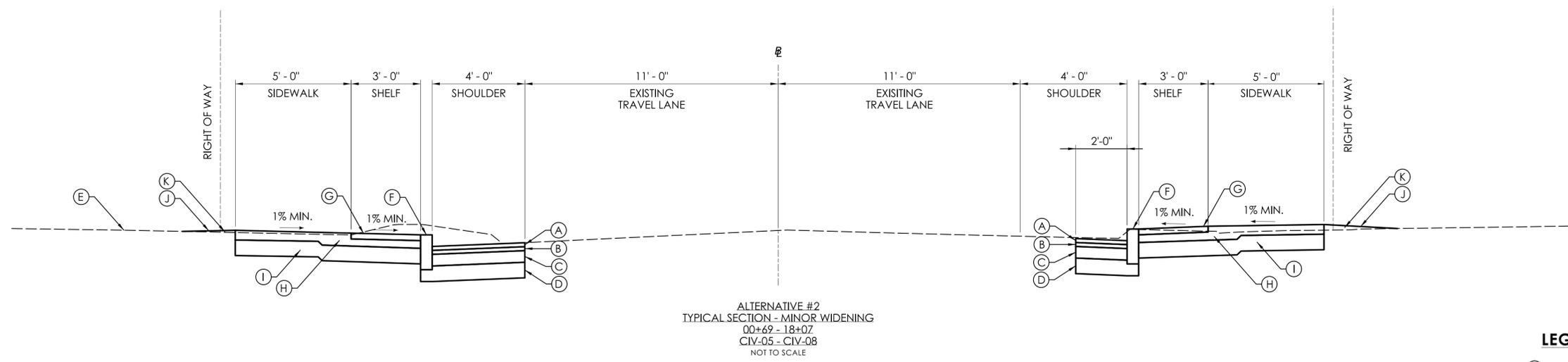
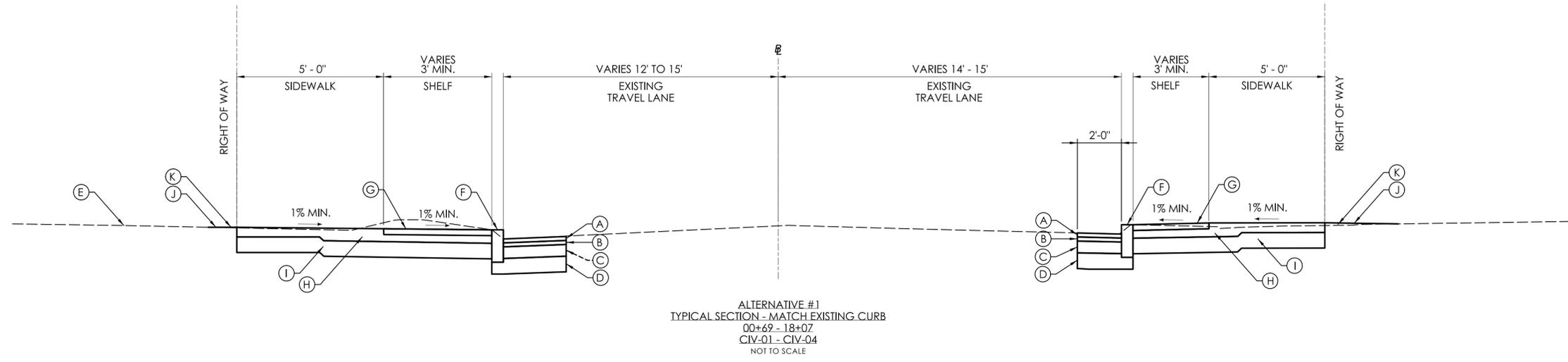
SIGNATURE/BLOCK:

 GMP ASSOCIATES, INC.
 115 GLASTONBURY BLVD.
 GLASTONBURY, CT 06033

CITY OF BRISTOL

PROJECT NUMBER: 40968
 PROJECT DESCRIPTION: PARK STREET STREETScape IMPROVEMENTS
 TOWN(S): BRISTOL
 DRAWING TITLE: ALIGNMENT PLAN

DRAWING NO.
 ALN-04
 SHEET NO.



- LEGEND**
- (A) 2" HMA S0.375
 - (B) 2" HMA S0.5
 - (C) 6" PROCESSED AGGREGATE
 - (D) 8" SUBBASE
 - (E) EXISTING GROUND
 - (F) GRANITE STONE CURBING
 - (G) BRICK PAVER
 - (H) 5" CONCRETE
 - (I) 8" GRANULAR FILL
 - (J) TURF ESTABLISHMENT - LAWN
 - (K) FURNISHING AND PLACING TOPSOIL

REV.	DATE	REVISION DESCRIPTION

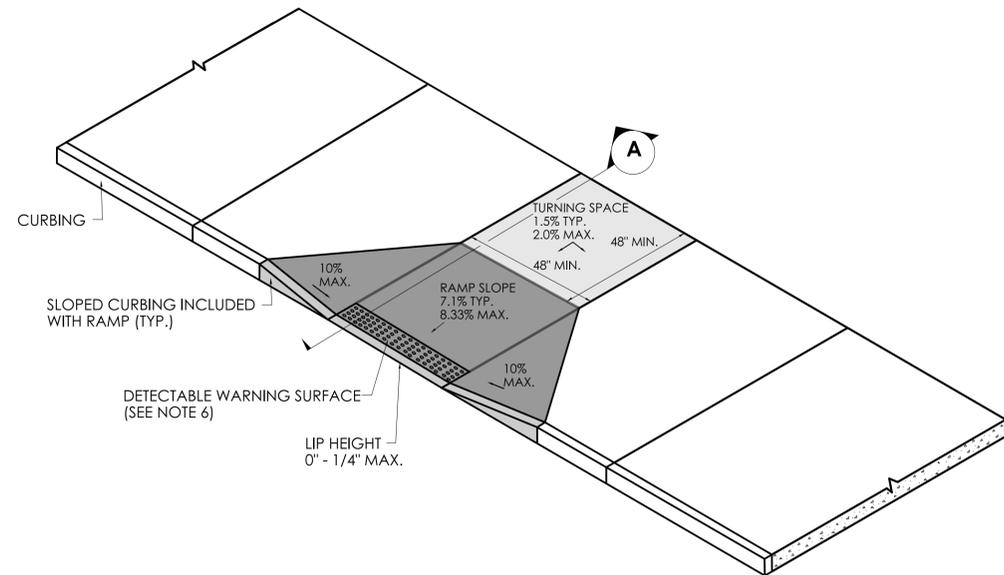
DESIGNER/DRAFTER: _____ CHECKED BY: _____
NOT TO SCALE

SIGNATURE/BLOCK: **GMP**
GM2 ASSOCIATES, INC.
115 GLASTONBURY BLVD.
GLASTONBURY, CT 06033

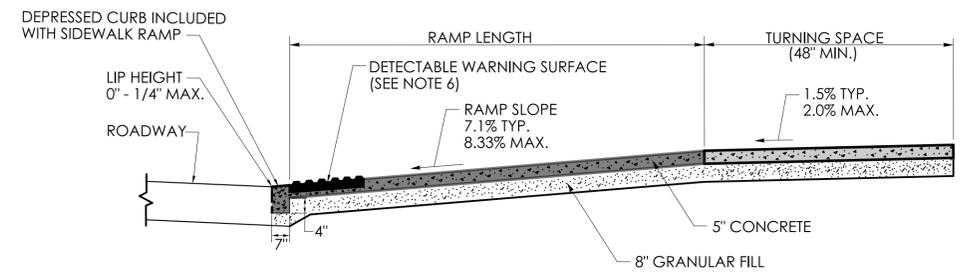
CITY OF BRISTOL

PROJECT NUMBER: 40968
PROJECT DESCRIPTION: PARK STREET STREETScape IMPROVEMENTS
TOWN(S): BRISTOL
DRAWING TITLE: TYPICAL SECTIONS

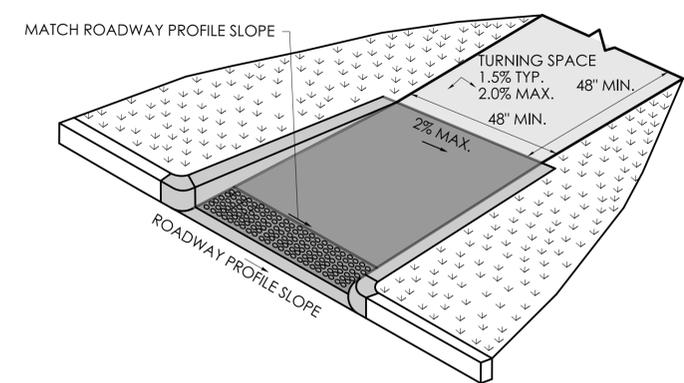
DRAWING NO. TYP-01
SHEET NO. _____



PERPENDICULAR SIDEWALK RAMP AND SECTION

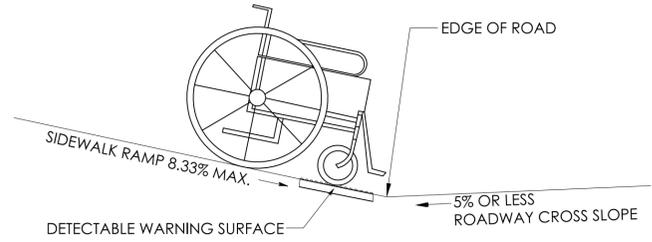


SECTION A

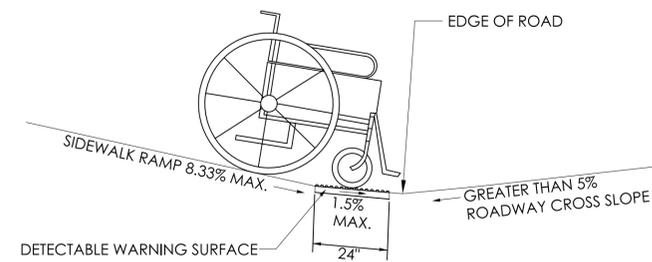


RAMP WARPING DETAIL

1. TRANSITION SIDEWALK RAMP TO MATCH ROADWAY PROFILE AS GRADUALLY AS POSSIBLE. DO NOT EXCEED 3% PER FOOT CROSS SLOPE RATE OF CHANGE WHEN TRANSITIONING TO ROADWAY PROFILE.
2. COMPLETE TRANSITION TO THE ROADWAY PROFILE BEHIND THE DETECTABLE WARNING SURFACE.



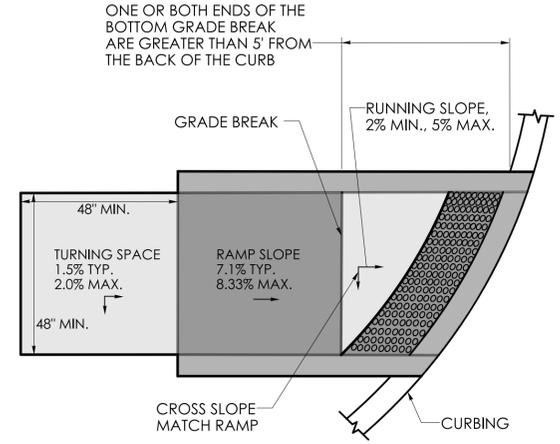
SIDEWALK RAMP GRADE AT ROADWAY CROSS SLOPE OF 5% OR LESS GUTTER COUNTER SLOPE



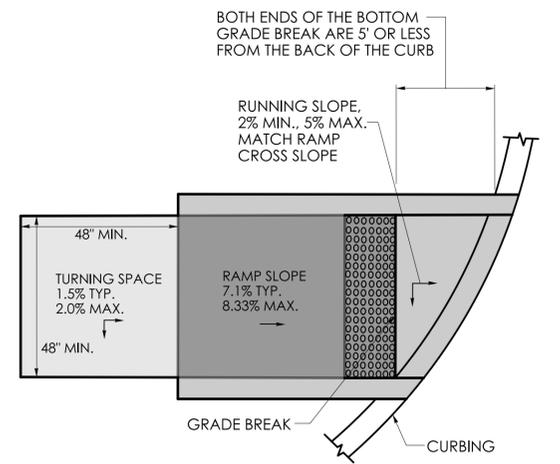
SIDEWALK RAMP GRADE AT ROADWAY CROSS SLOPE OF GREATER THAN 5% GUTTER COUNTER SLOPE

GENERAL NOTES:

1. SIDEWALK RAMPS SHALL HAVE A COARSE BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP.
2. VERTICAL SURFACE DISCONTINUITIES AT JOINTS SHALL NOT EXCEED 1/4" INCH.
3. REMOVAL OF EXISTING SIDEWALK FOR NEW RAMP INSTALLATIONS SHALL BE TO THE NEAREST EXPANSION OR CONTRACTION JOINT.
4. THE RUNNING SLOPE OF THE CURB RAMP SHALL BE 8.33 PERCENT MAXIMUM BUT SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET.
5. DETECTABLE WARNING SURFACES SHALL BE INSTALLED ON SIDEWALK RAMPS AT PEDESTRIAN STREET CROSSINGS, PEDESTRIAN REFUGE ISLANDS AND RAILROAD CROSSINGS ALONG STREETS OR HIGHWAYS.
6. DETECTABLE WARNING SURFACES SHALL EXTEND 2 FEET MIN. IN THE DIRECTION OF PEDESTRIAN TRAVEL AND SPAN THE ENTIRE RAMP OPENING.
7. ALL GUIDESHEET VALUES COMPLY WITH PROWAG DRAFT 2013 GUIDELINES. UPDATED VALUES WILL BE MADE TO COMPLY WITH PROWAG FINAL RULE ONCE OFFICIALLY THE LAW.
8. CTDOT DESIGN STANDARD USE THE PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG) SEE ENGINEERING DIRECTIVE ED-2019-7.
9. CURB RAMPS SHALL BE CONSTRUCTED SO THAT WATER WILL NOT ACCUMULATE WITHIN THE PEDESTRIAN ACCESS ROUTE.

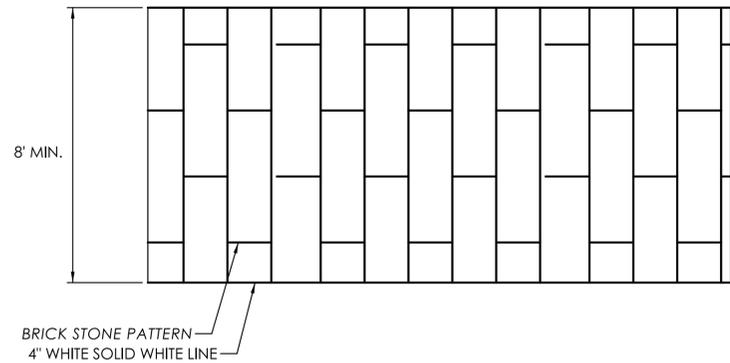


GRADE BREAK GREATER THAN 5' DETECTABLE WARNING SURFACE LOCATION

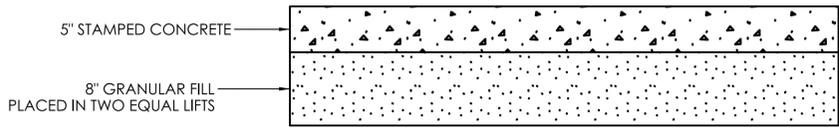


GRADE BREAK OF 5' OR LESS DETECTABLE WARNING SURFACE LOCATION

REV.	DATE	REVISION DESCRIPTION



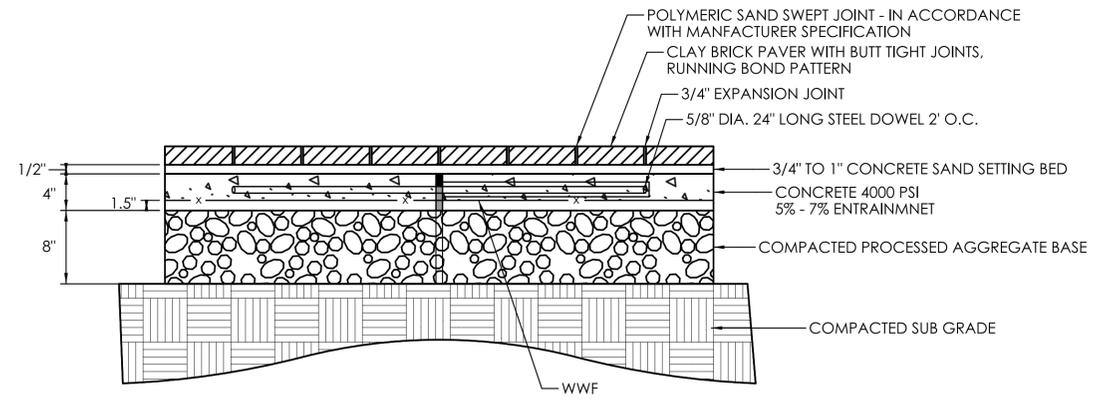
PLAN OVERVIEW



SECTION

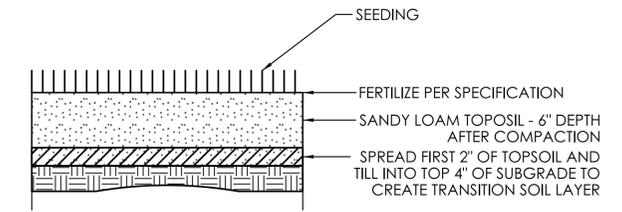
DECORATIVE CROSSWALK

- NOTES:
1. GRANULAR FILL TO BE INCLUDED IN COST OF DECORATIVE CROSSWALK.



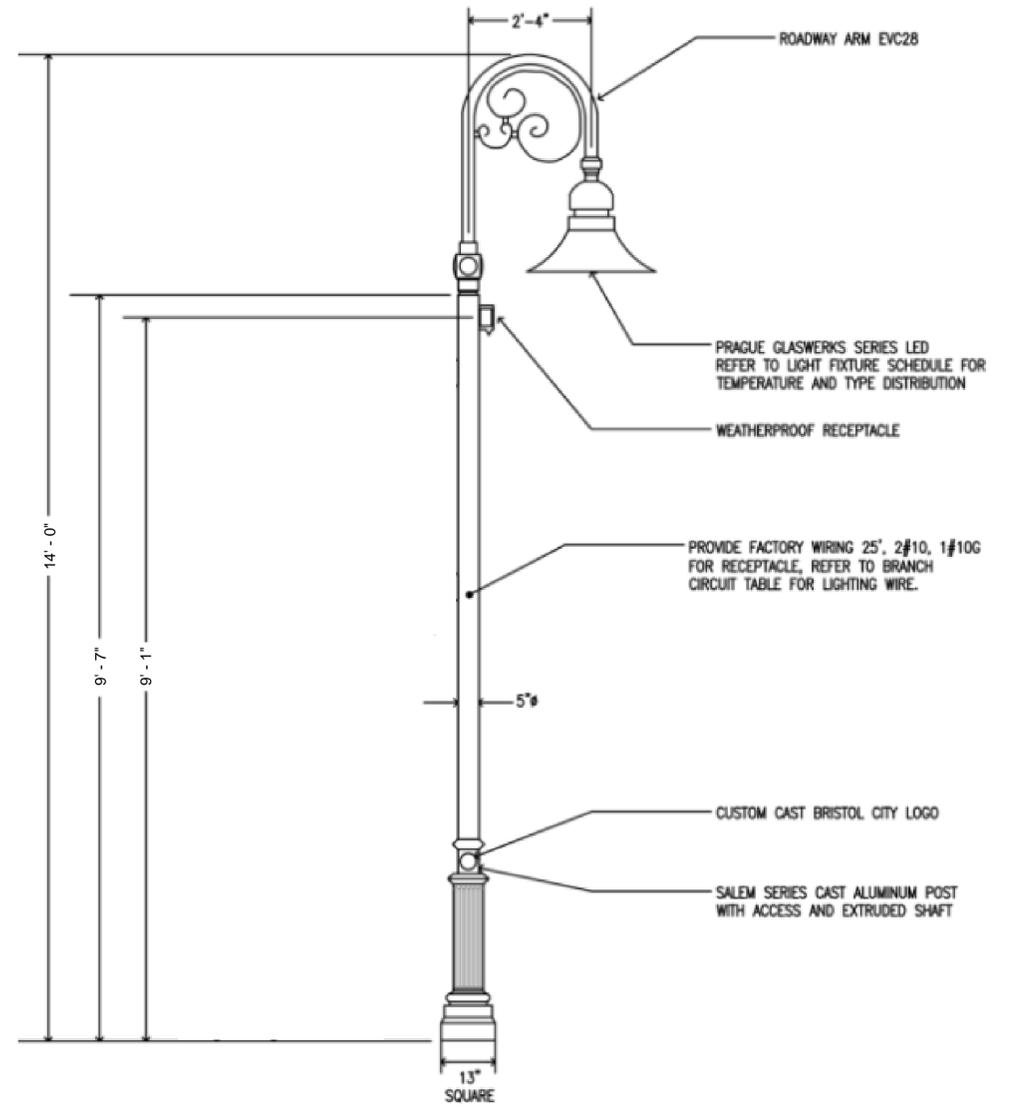
BRICK PAVERS

- NOTES:
1. EXPANSION JOINT 20" O.C. MAXIMUM.
 2. CONCRETE BASE SHALL BE SCREEDED WITH A FLOAT FINISH AND PITCHED TO GRADE.
 3. DRAINAGE RELEASE BETWEEN GRANITE CURB AND CONCRETE BASE SHALL BE CONTINUOUS ALONG FULL LENGTH OF ALL GRANITE CURBS.
 4. BRICK MANUFACTURER, COLOR, FINISH AND LUGS SHALL MATCH CITY OF BRISTOL STREETSCAPE STANDARDS.

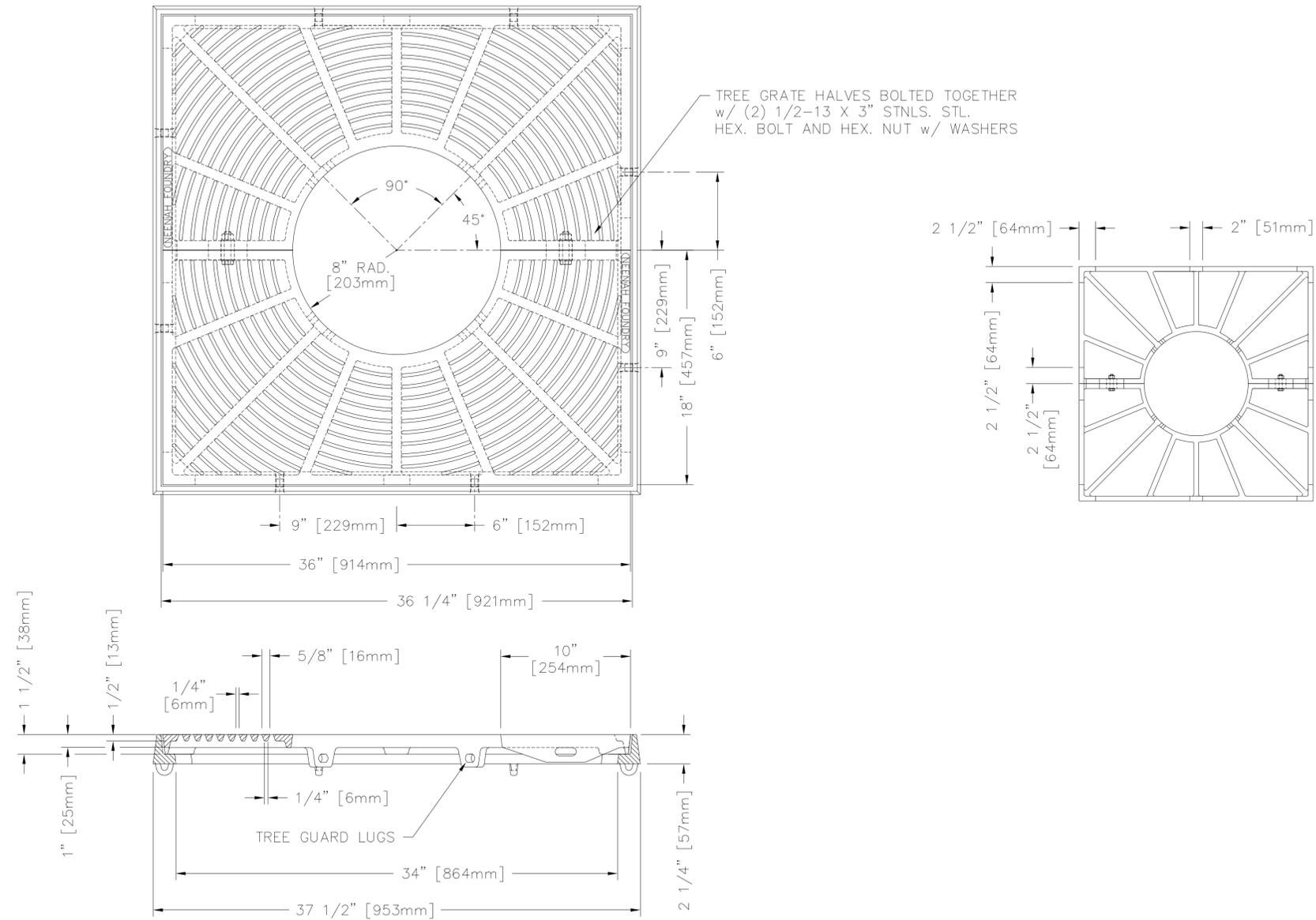


TOPSOIL/LAWN

- NOTE:
1. CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION AND WATERING OF GRASS UNTIL FINAL ACCEPTANCE.



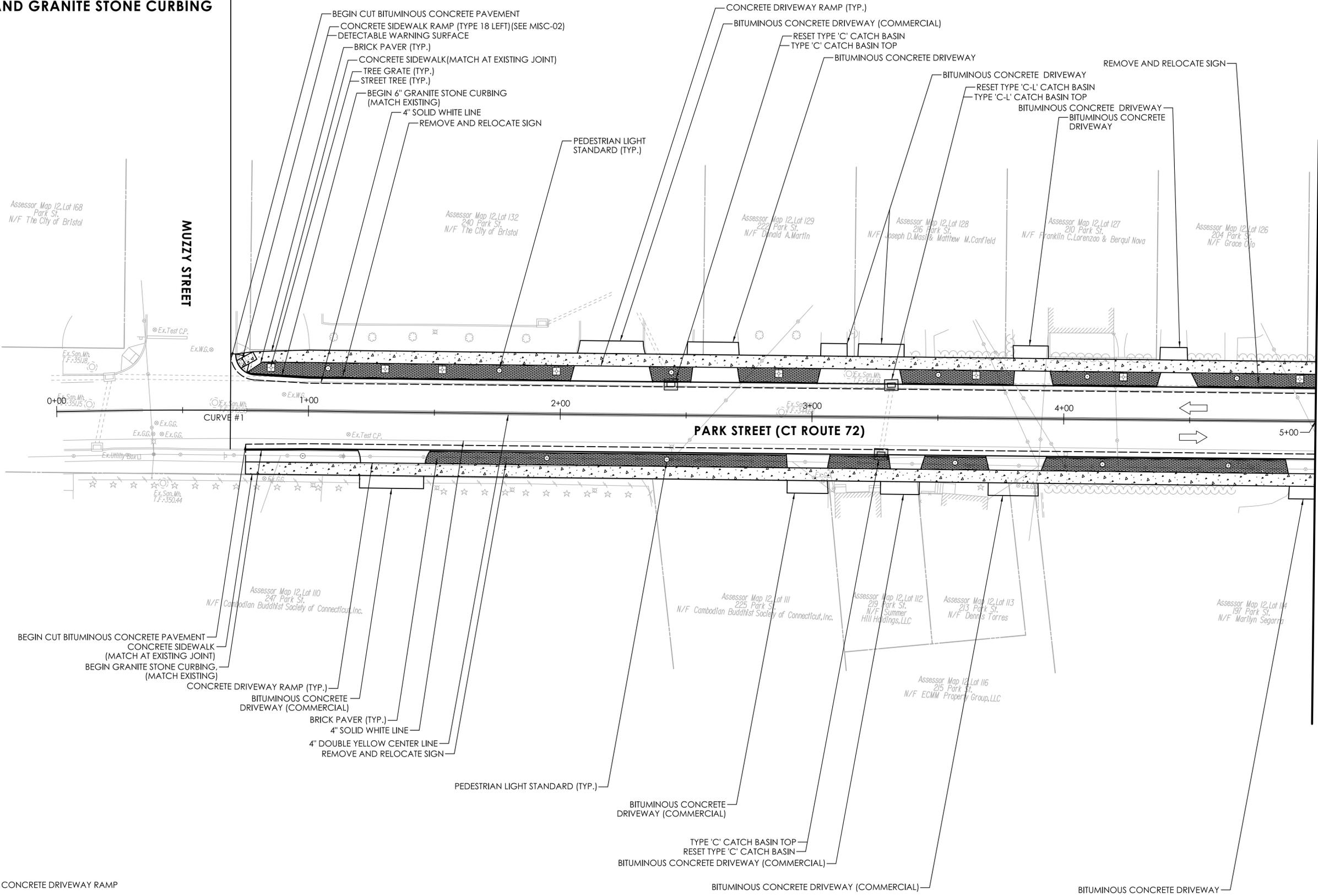
PEDESTRIAN LIGHT STANDARD



TREE GRATE

**LIMIT OF PROJECT
STA. 00+69
BEGIN CONCRETE SIDEWALK
AND GRANITE STONE CURBING**

**ALTERNATIVE #1
MATCH EXISTING CURB**



REV.	DATE	REVISION DESCRIPTION

LEGEND

CONCRETE SIDEWALK OR CONCRETE DRIVEWAY RAMP

BRICK PAVERS



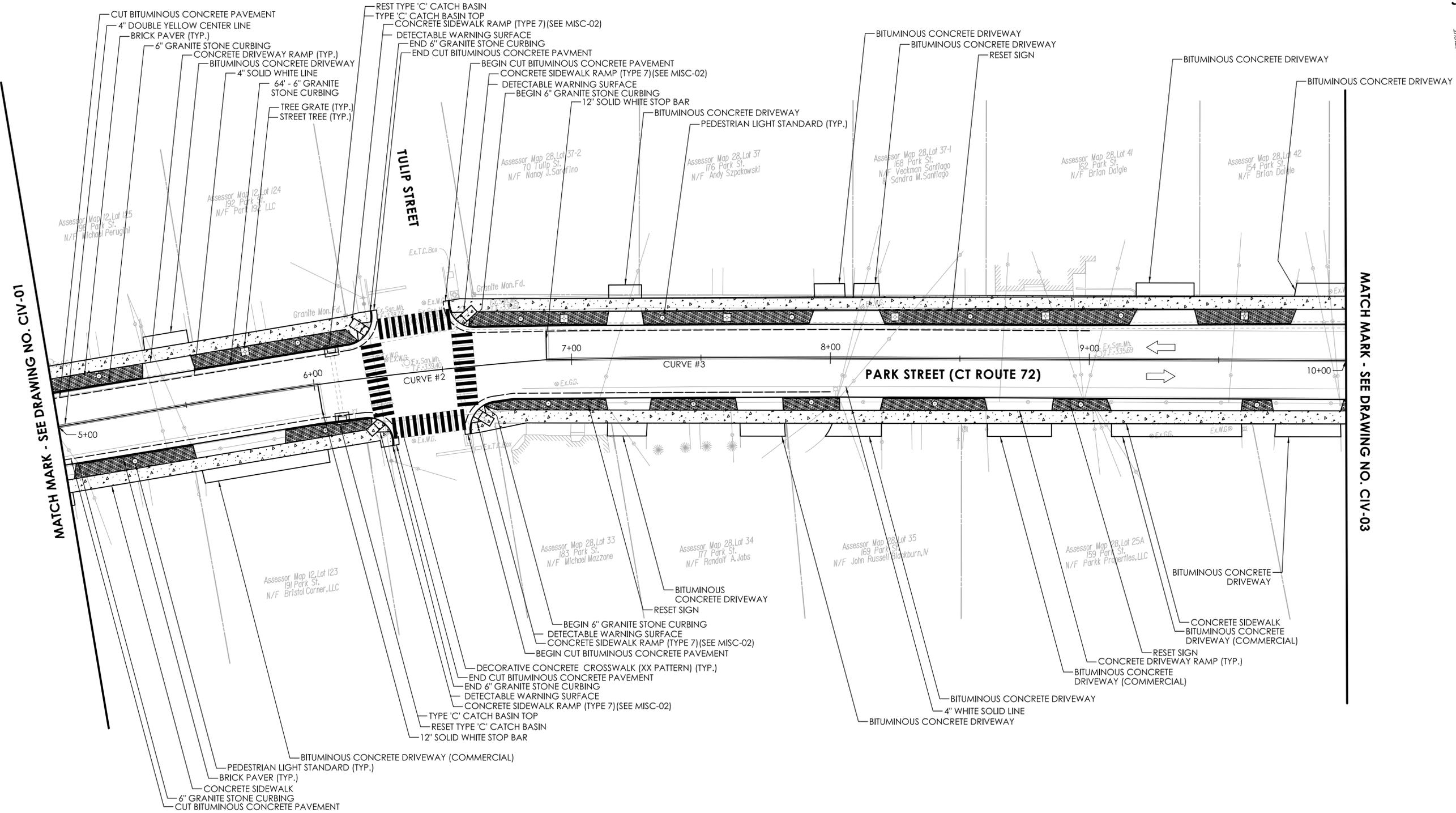
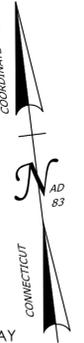
SIGNATURE/BLOCK: **GMP**
 GM2 ASSOCIATES, INC.
 115 GLASTONBURY BLVD.
 GLASTONBURY, CT 06033

CITY OF BRISTOL

PROJECT NUMBER: 40968
 PROJECT DESCRIPTION: PARK STREET STREETScape IMPROVEMENTS
 TOWN(S): BRISTOL
 DRAWING TITLE: CIVIL PLANS - ALTERNATIVE #1 MATCH EXISTING CURB

DRAWING NO. CIV-01
 SHEET NO.

**ALTERNATIVE #1
MATCH EXISTING CURB**



MATCH MARK - SEE DRAWING NO. CIV-01

MATCH MARK - SEE DRAWING NO. CIV-03

- LEGEND**
- CONCRETE SIDEWALK OR CONCRETE DRIVEWAY RAMP
 - BRICK PAVERS

REV.	DATE	REVISION DESCRIPTION



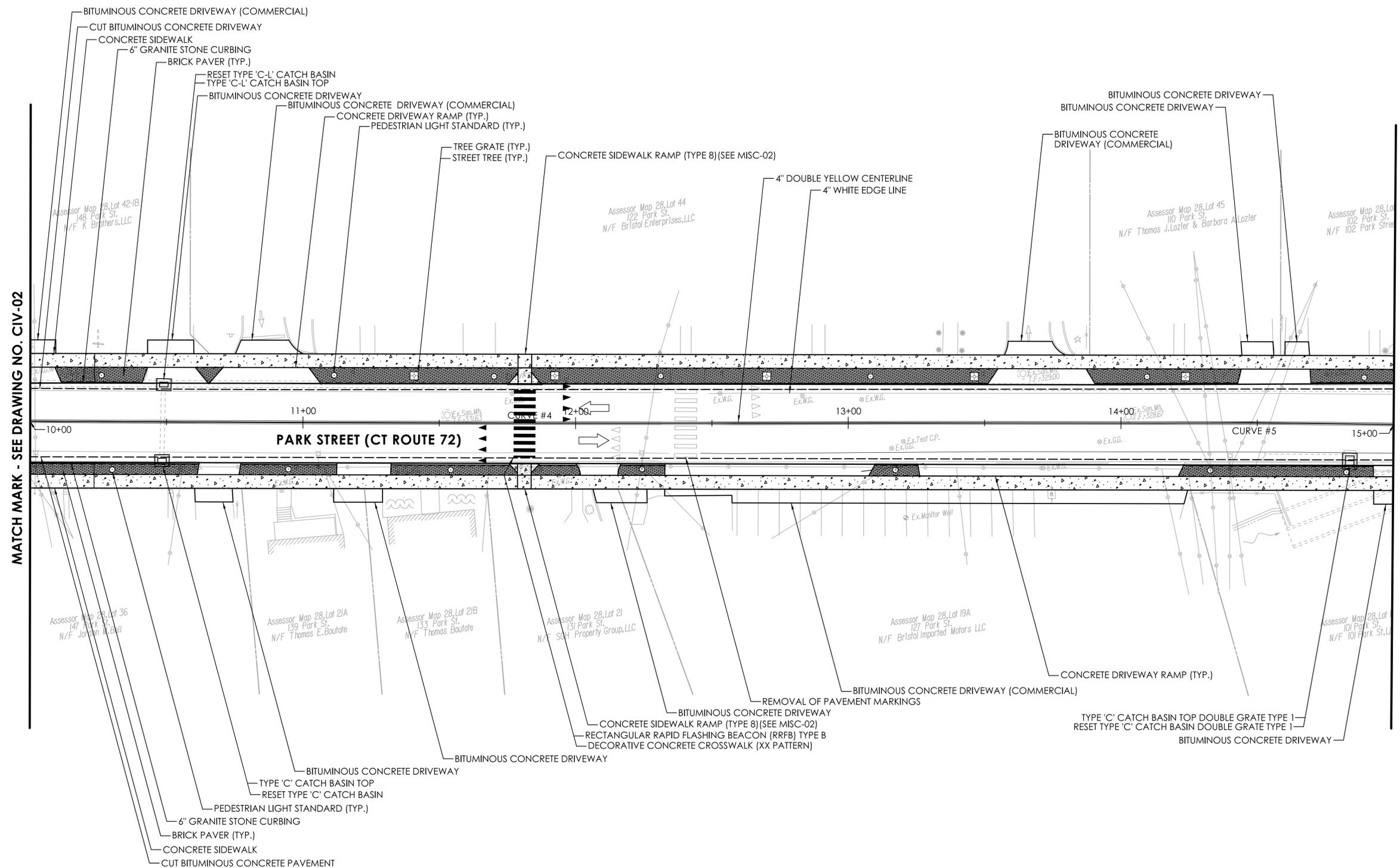
SIGNATURE/
BLOCK: **GMP**
GM2 ASSOCIATES, INC.
115 GLASTONBURY BLVD.
GLASTONBURY, CT 06033

CITY OF BRISTOL

PROJECT NUMBER: 40968
PROJECT DESCRIPTION: PARK STREET STREETScape IMPROVEMENTS
TOWN(S): BRISTOL
DRAWING TITLE: CIVIL PLANS - ALTERNATIVE #1 MATCH EXISTING CURB

DRAWING NO.
CIV-02
SHEET NO.

**ALTERNATIVE #1
MATCH EXISTING CURB**



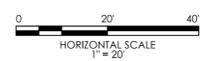
MATCH MARK - SEE DRAWING NO. CIV-02

MATCH MARK - SEE DRAWING NO. CIV-04

- LEGEND**
- CONCRETE SIDEWALK OR CONCRETE DRIVEWAY RAMP
 - BRICK PAVERS

REV.	DATE	REVISION DESCRIPTION

DESIGNER/DRAFTER: DMD CHECKED BY: PMB



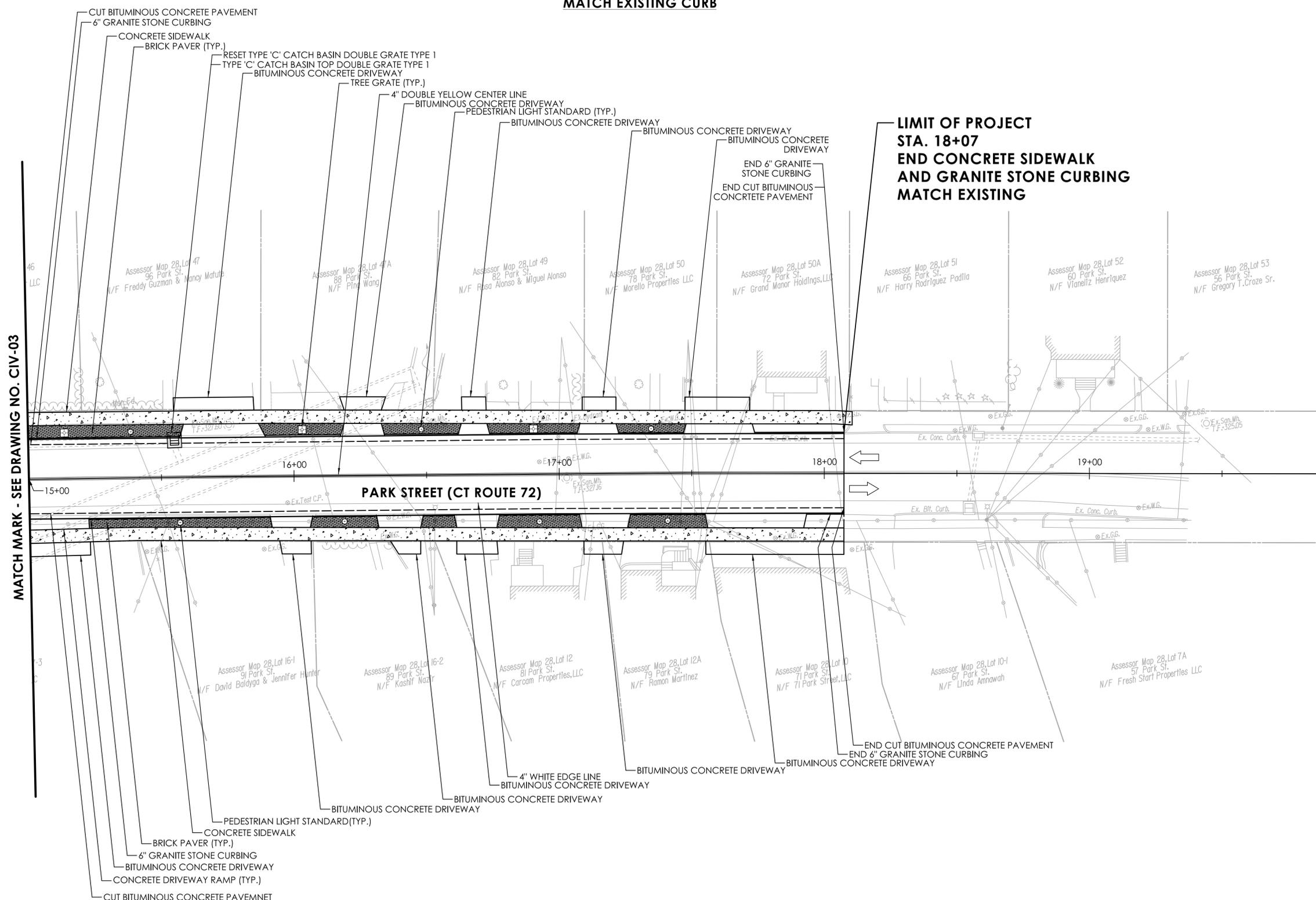
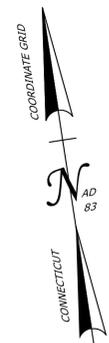
SIGNATURE/BLOCK: GMP
 GM2 ASSOCIATES, INC.
 115 GLASTONBURY BLVD.
 GLASTONBURY, CT 06033

CITY OF BRISTOL

PROJECT NUMBER: 40968
 PROJECT DESCRIPTION: PARK STREET STREETScape IMPROVEMENTS
 TOWN(S): BRISTOL
 DRAWING TITLE: CIVIL PLANS - ALTERNATIVE #1 MATCH EXISTING

DRAWING NO.
 CIV-03
 SHEET NO.

**ALTERNATIVE #1
MATCH EXISTING CURB**



**LIMIT OF PROJECT
STA. 18+07
END CONCRETE SIDEWALK
AND GRANITE STONE CURBING
MATCH EXISTING**

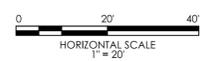
MATCH MARK - SEE DRAWING NO. CIV-03

PARK STREET (CT ROUTE 72)

- LEGEND**
- CONCRETE SIDEWALK OR CONCRETE DRIVEWAY RAMP
 - BRICK PAVERS

REV.	DATE	REVISION DESCRIPTION

DESIGNER/DRAFTER: NAB
CHECKED BY: PMB



SIGNATURE/BLOCK:
GMP
GM2 ASSOCIATES, INC.
115 GLASTONBURY BLVD.
GLASTONBURY, CT 06033

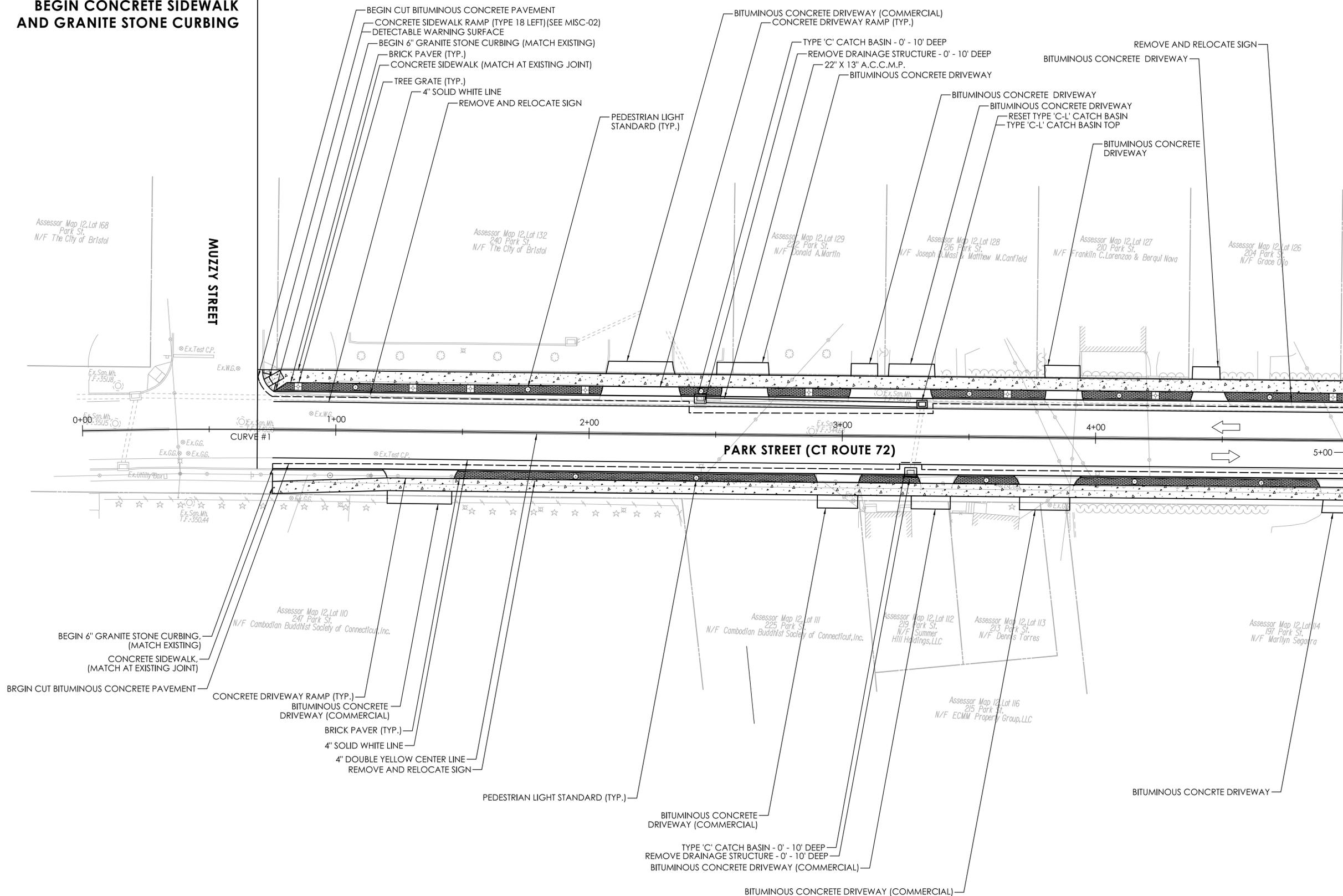
CITY OF BRISTOL

PROJECT NUMBER: 40968
PROJECT DESCRIPTION: PARK STREET STREETScape IMPROVEMENTS
TOWN(S): BRISTOL
DRAWING TITLE: CIVIL PLANS - ALTERNATIVE #1 MATCH EXISTING CURB

DRAWING NO.
CIV-04
SHEET NO.

**LIMIT OF PROJECT
STA. 00+69
BEGIN CONCRETE SIDEWALK
AND GRANITE STONE CURBING**

**ALTERNATIVE #2
MINOR WIDENING**



MATCH MARK - SEE DRAWING NO. CIV-06



REV.	DATE	REVISION DESCRIPTION

- LEGEND**
- CONCRETE SIDEWALK OR CONCRETE DRIVEWAY RAMP
 - BRICK PAVERS



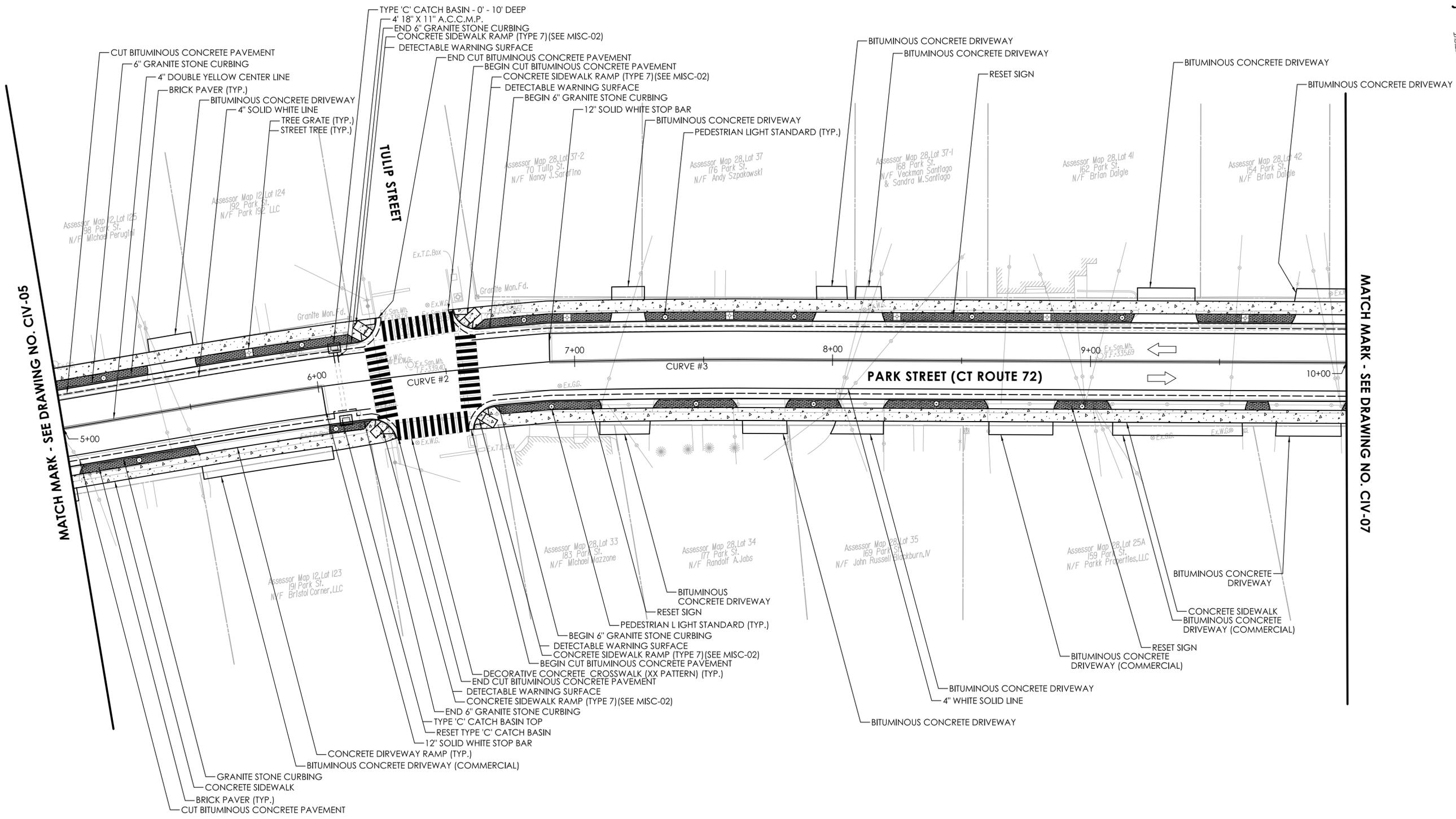
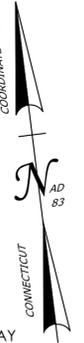
SIGNATURE/
BLOCK: **GMP**
GM2 ASSOCIATES, INC.
115 GLASTONBURY BLVD.
GLASTONBURY, CT 06033

CITY OF BRISTOL

PROJECT NUMBER: 40968
PROJECT DESCRIPTION: PARK STREET STREETScape IMPROVEMENTS
TOWN(S): BRISTOL
DRAWING TITLE: CIVIL PLANS -ALTERNATIVE #2 MINOR WIDENING

DRAWING NO.
CIV-05
SHEET NO.

**ALTERNATIVE #2
MINOR WIDENING**

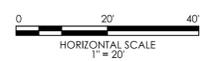


MATCH MARK - SEE DRAWING NO. CIV-05

MATCH MARK - SEE DRAWING NO. CIV-07

- LEGEND**
- CONCRETE SIDEWALK OR CONCRETE DRIVEWAY RAMP
 - BRICK PAVERS

REV.	DATE	REVISION DESCRIPTION



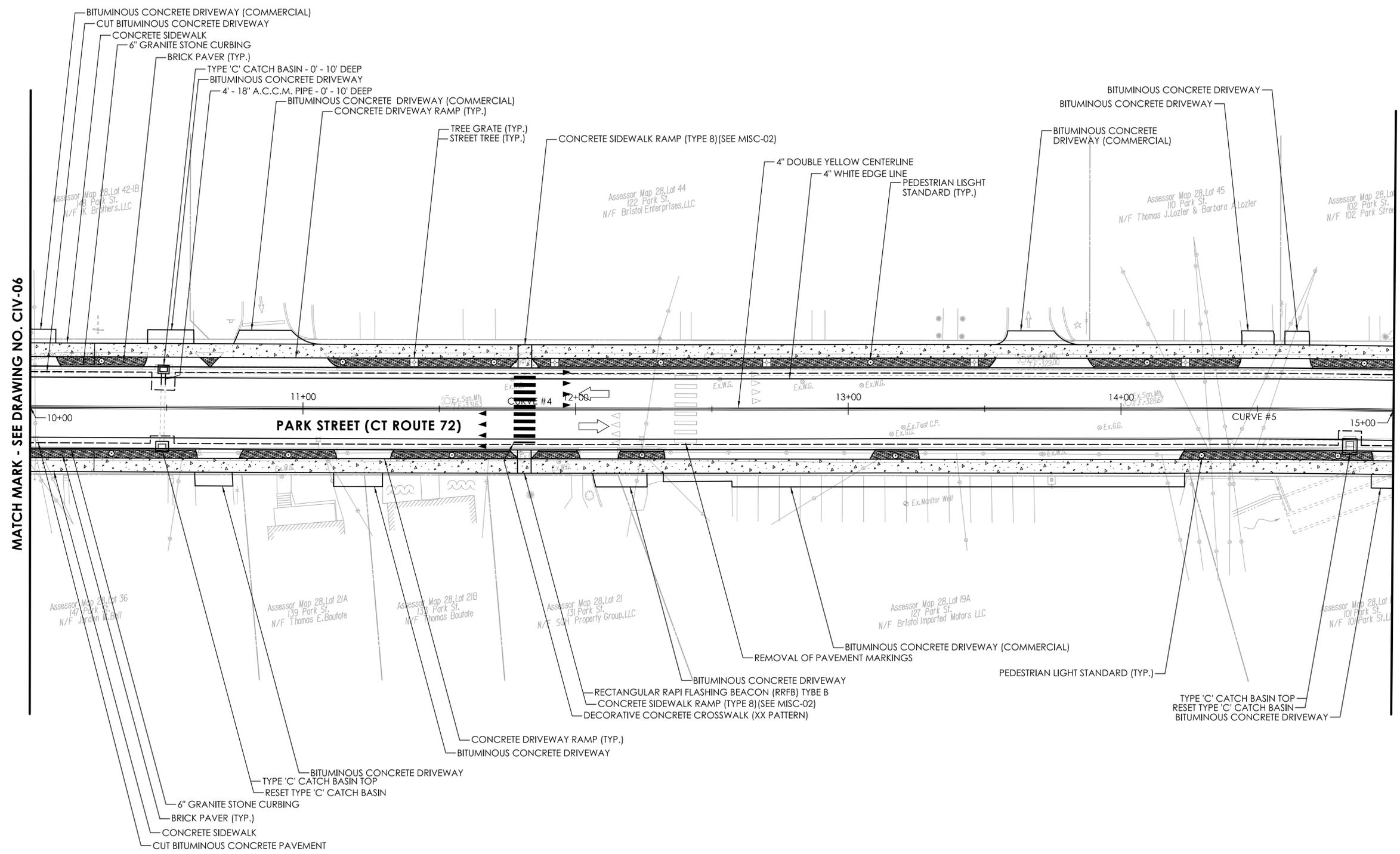
SIGNATURE/
BLOCK: GMP
GM2 ASSOCIATES, INC.
115 GLASTONBURY BLVD.
GLASTONBURY, CT 06033

CITY OF BRISTOL

PROJECT NUMBER: 40968
PROJECT DESCRIPTION: PARK STREET STREETScape IMPROVEMENTS
TOWN(S): BRISTOL
DRAWING TITLE: CIVIL PLANS - ALTERNATIVE #2 MINOR WIDENING

DRAWING NO.
CIV-06
SHEET NO.

**ALTERNATIVE #2
MINOR WIDENING**

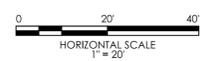


MATCH MARK - SEE DRAWING NO. CIV-06

MATCH MARK - SEE DRAWING NO. CIV-08

REV.	DATE	REVISION DESCRIPTION

- LEGEND**
- CONCRETE SIDEWALK OR CONCRETE DRIVEWAY RAMP
 - BRICK PAVERS



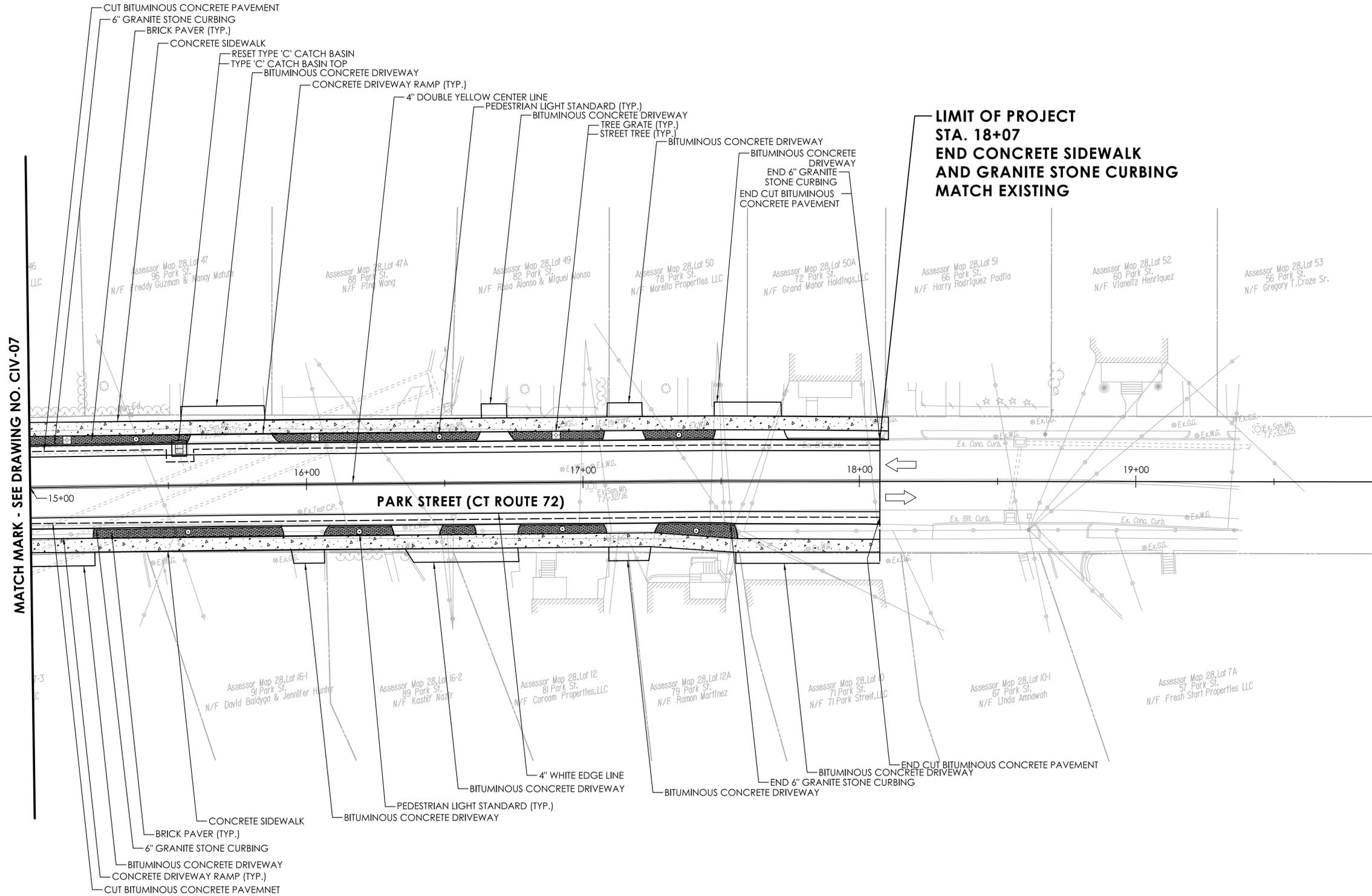
SIGNATURE/
BLOCK: GMP
GM2 ASSOCIATES, INC.
115 GLASTONBURY BLVD.
GLASTONBURY, CT 06033

CITY OF BRISTOL

PROJECT NUMBER: 40968
PROJECT DESCRIPTION: PARK STREET STREETScape IMPROVEMENTS
TOWN(S): BRISTOL
DRAWING TITLE: CIVIL PLANS - ALTERNATIVE #2 MINOR WIDENING

DRAWING NO.
CIV-07
SHEET NO.

**ALTERNATIVE #2
MINOR WIDENING**



MATCH MARK - SEE DRAWING NO. CIV-07

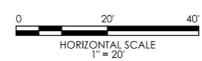
**LIMIT OF PROJECT
STA. 18+07
END CONCRETE SIDEWALK
AND GRANITE STONE CURBING
MATCH EXISTING**

PARK STREET (CT ROUTE 72)

- LEGEND**
- CONCRETE SIDEWALK OR CONCRETE DRIVEWAY RAMP
 - BRICK PAVERS

REV.	DATE	REVISION DESCRIPTION

DESIGNER/DRAFTER: NAB
CHECKED BY: PMB



SIGNATURE/
BLOCK: GMP
GM2 ASSOCIATES, INC.
115 GLASTONBURY BLVD.
GLASTONBURY, CT 06033

CITY OF BRISTOL

PROJECT NUMBER: 40968
PROJECT DESCRIPTION: PARK STREET STREETScape IMPROVEMENTS
TOWN(S): BRISTOL
DRAWING TITLE: CIVIL PLANS - ALTERNATIVE #2 MINOR WIDENING

DRAWING NO.
CIV-08
SHEET NO.