



SUBMITTAL REGISTRATION FORM

ONYX JOB #EX-24-0010

MASSDOT 125644 - FOSTER STREET RECONSTRUCTION PROJECT LITTLETON, MA

Submittal Description: Map of Existing Invasive Plant Species / Photos

Submittal No.: 102.33-002

Spec Section: 102.33

Revision No.: 0

Sub Section:

SUBMITTAL DISTRIBUTION TYPE:

- ☐ Shop Drawing
- ☐ Working Drawings
- ☐ Schedule Submittal
- ☒ Miscellaneous Submittal

REVIEWER STAMP & COMMENTS

SUBMITTAL NOTES:

ATTACHED ARE THE PHOTOS AND SITE MAP SHOWING INVASIVE SPECIES ENCOUNTERED DURING THE INITIAL SITE WALK. PLEASE ADVISE HOW TO PROCEED.

The above referenced submittal has been reviewed by the undersigned and I/we certify that the material and/or equipment meets or exceeds the project specification requirements with:

☒ No deviations

☐ Deviations as noted below:

Print Name: Bryan Blackerby

Signature:

Date: 9/10/2024

HIGHWAY GUARD DETAILS

STEEL W-BEAM GUARDRAIL (TL-2) W/ WOOD POST & TANGENT END STA. 9+46 LT TO TANGENT END STA 10+84 LT

TRAFFIC SIGNAL CONDUIT

NONE

WATER SUPPLY ALTERATIONS

SEE SHEET 57-64

DRAINAGE DETAILS

SEE SHEET NOS. 65-67

LEGEND:

PROPOSED PEDESTRIAN CURB
RAMP DETAIL #

X#

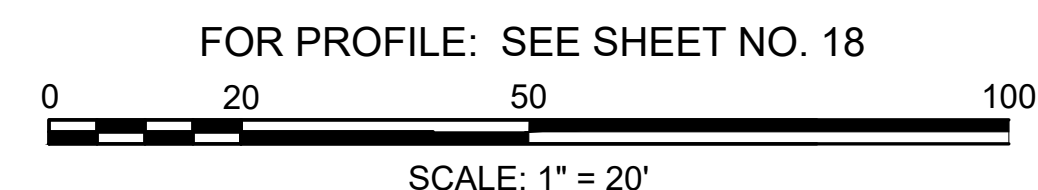
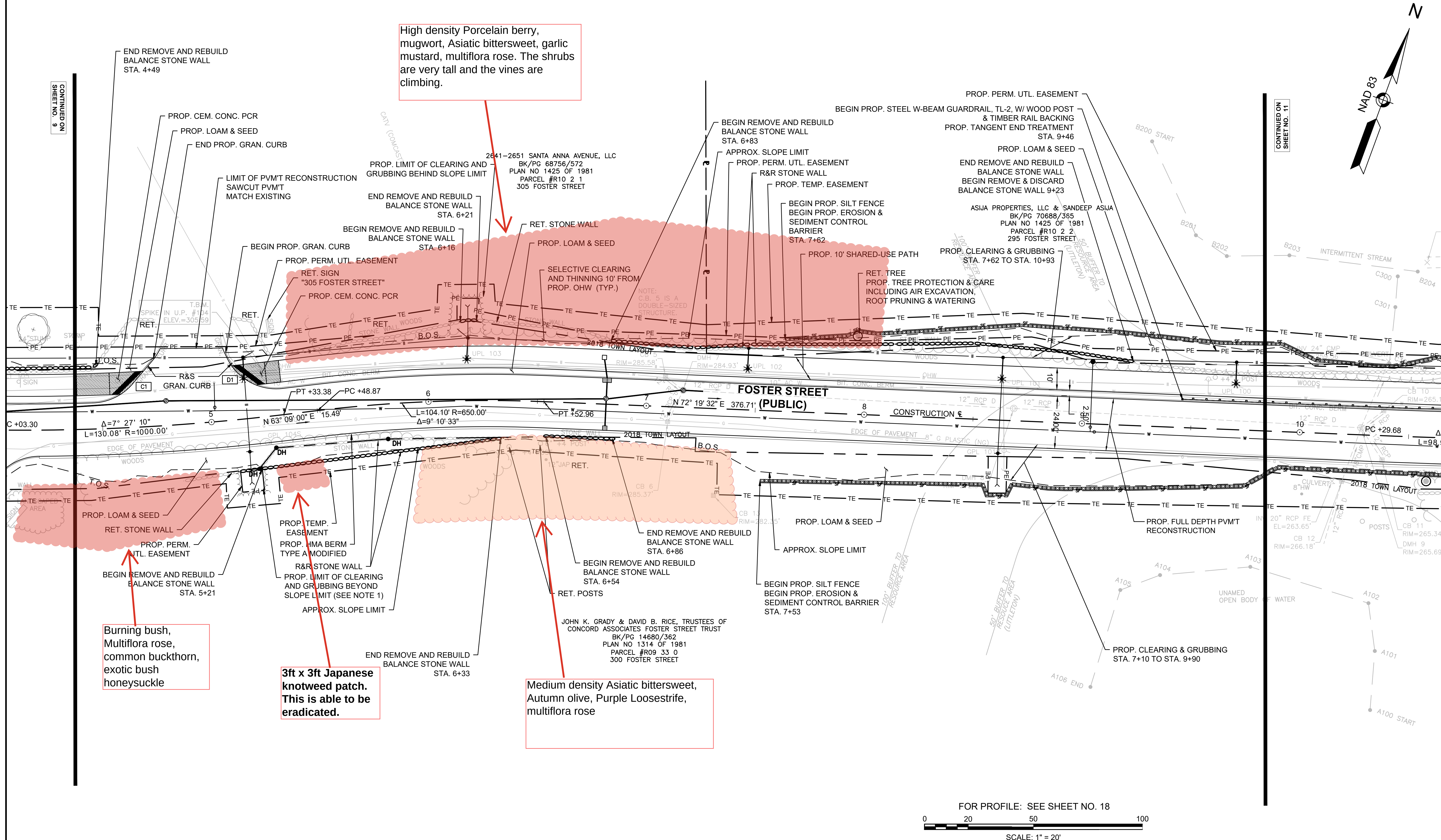
PROPOSED DRIVEWAY
TYPE #

DR#

LITTLETON RECONSTRUCTION OF FOSTER STREET

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	STP/CMQ/TAP-0033(037)X	10	128
PROJECT FILE NO. 609054			

CONSTRUCTION PLANS



STEEL W-BEAM GUARDRAIL (TL-2) W/ WOOD POST & TANGENT END STA. 9+46 LT
TO TANGENT END STA 10+84 LT

STEEL W-BEAM GUARDRAIL (TL-2) W/ WOOD POST & TANGENT END STA. 11+83 LT
TO TANGENT END STA 17+28 LT

NONE

SEE SHEET 57-64

SEE SHEET NOS. 65-67

PROPOSED PEDESTRIAN CURE
RAMP DETAIL #

X#

PROPOSED DRIVEWAY
TYPE #

DR#

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	STP/CMQ/TAP-0033(037)X	11	128
PROJECT FILE NO.		609054	

NAD 83

ASIA PROPERTIES, LLC & SANDEEP ASIA
BK/PG 70688/365
PLAN NO 1425 OF 1981
PARCEL #R10 2 2
295 FOSTER STREET

CONTINUED ON SHEET NO. 10

END PROP. STEEL W-BEAM GUARDRAIL, TL-2, W/ WOOD POST
PROP. TANGENT END TREATMENT & TIMBER RAIL BACKING
STA. 10+84

PROP. PERM. UTL. EASEMENT
PRIVATE SIGN TO BE RELOCATED BY OWNER
PROP. TEMP. EASEMENT
PROP. PVM'T MILLING MULCH BENEATH GUARDRAIL (TYP., SEE TYP. SECTIONS)
PROP. LOAM & SEED
PROP. CLEARING & GRUBBING STA. 7+62 TO STA. 10+93
R&D EXIST. STONE WALL

END PROP. SILT FENCE
END PROP. EROSION & SEDIMENT CONTROL BARRIER
STA. 10+95

RET. STONE WALL
PROP. CEM. CONC. PCR
RET. SIGN
END PROP. GRAN. CURB
LIMIT OF PVM'T RECONSTRUCTION
SAWCUT PVM'T MATCH EXISTING
RET. SIGN "295 FOSTER STREET"

BEGIN PROP. GRAN. CURB (MATCH EXIST. BIT. BERM)
RET. STONE WALL
BEGIN PROP. SILT FENCE
BEGIN PROP. EROSION & SEDIMENT CONTROL BARRIER STA. 11+77
BEGIN PROP. TIMBER RAIL FENCE STA. 11+77
PROP. CEM. CONC. PCR
BEGIN PROP. STEEL W-BEAM GUARDRAIL, TL-2, W/ WOOD POST & TIMBER RAIL BACKING
PROP. TANGENT END TREATMENT STA. 11+83

RET. TREE
PROP. TREE PROTECTION & CARE INCLUDING AIR EXCAVATION, ROOT PRUNING & WATERING
BEGIN REMOVE AND REBUILD BALANCE STONE WALL STA. 11+93
PROP. PERM. UTL. EASEMENT
REM. TREE
PROP. LOAM & SEED
PROP. CLEARING & GRUBBING (STA. 11+77 TO STA. 19+05)

PROP. PVM'T MILLING MULCH BENEATH GUARDRAIL (TYP., SEE TYP. SECTIONS)
TREE TRIMMING 10' FROM PROP. OHW (TYP.)
STA. 11+70 TO 13+60
PROP. 10' SHARED-USE PATH
END PROP. TIMBER RAIL FENCE STA. 14+61
BEGIN REMOVE AND REBUILD BALANCE STONE WALL STA. 14+58
R&D PORTION OF EXIST. STONE WALL IN FRONT OF PROP. FENCE
PROP. PERM. UTL. EASEMENT
R&D ROW OF BOULDERS
SEE UTL PLAN
END REMOVE AND REBUILD BALANCE STONE WALL STA 14+08
PROP. LIMIT OF CLEARING AND GRUBBING BEHIND SLOPE LIMIT
PROP. PERM. UTL. EASEMENT
R&R STONE WALL STA. 14+08
SEE UTL PLAN
PROP. PERM. UTL. EASEMENT

APPROX. SLOPE LIMIT

END REMOVE AND REBUILD BALANCE STONE WALL STA 14+08
PROP. LIMIT OF CLEARING AND GRUBBING BEHIND SLOPE LIMIT
PROP. PERM. UTL. EASEMENT
R&R STONE WALL STA. 14+08
SEE UTL PLAN
PROP. PERM. UTL. EASEMENT

PROP. FULL DEPTH PVM'T RECONSTRUCTION

PROP. LIMIT OF CLEARING AND GRUBBING BEHIND SLOPE LIMIT
RET. STONE WALLS
PROP. HMA DRIVEWAY
END HMA BERM TYPE A MODIFIED

PROP. CLEARING & GRUBBING
PROP. TEMP. EASEMENT
APPROX. SLOPE LIMIT
RET. STONE WALL
PROP. LOAM & SEED
PROP. CLEARING & GRUBBING
PROP. HMA BERM TYPE A MODIFIED
END PROP. SILT FENCE
END PROP. EROSION & SEDIMENT CONTROL BARRIER STA. 11+53
PROP. TEMP. EASEMENT
PROP. TREE (SEE LANDSCAPING PLAN) - TYP.

JOHN K. GRADY & DAVID B. RICE, TRUSTEES OF
CONCORD ASSOCIATES FOSTER STREET TRUST
BK/PG 14680/362
PLAN NO 1314 OF 1981
PARCEL #R09 33 0
300 FOSTER STREET

ANTHONY J. RIZZOLO, JR. & JOSEPHINE RIZZOLO
BK/PG 17691/08
PLAN NO 831 OF 1973
PARCEL #R09 3 3 G
290 FOSTER STREET

FOR PROFILE: SEE SHEET NO. 19

0 20 50 100
SCALE: 1" = 20'

20170044A21_HP01.DWG Plotted on 27-Mar-2024 9:59 AM

HIGHWAY GUARD DETAILS
STEEL W-BEAM GUARDRAIL (TL-2) W/ WOOD POST & TANGENT END STA. 11+94
TO TANGENT END STA 17+28

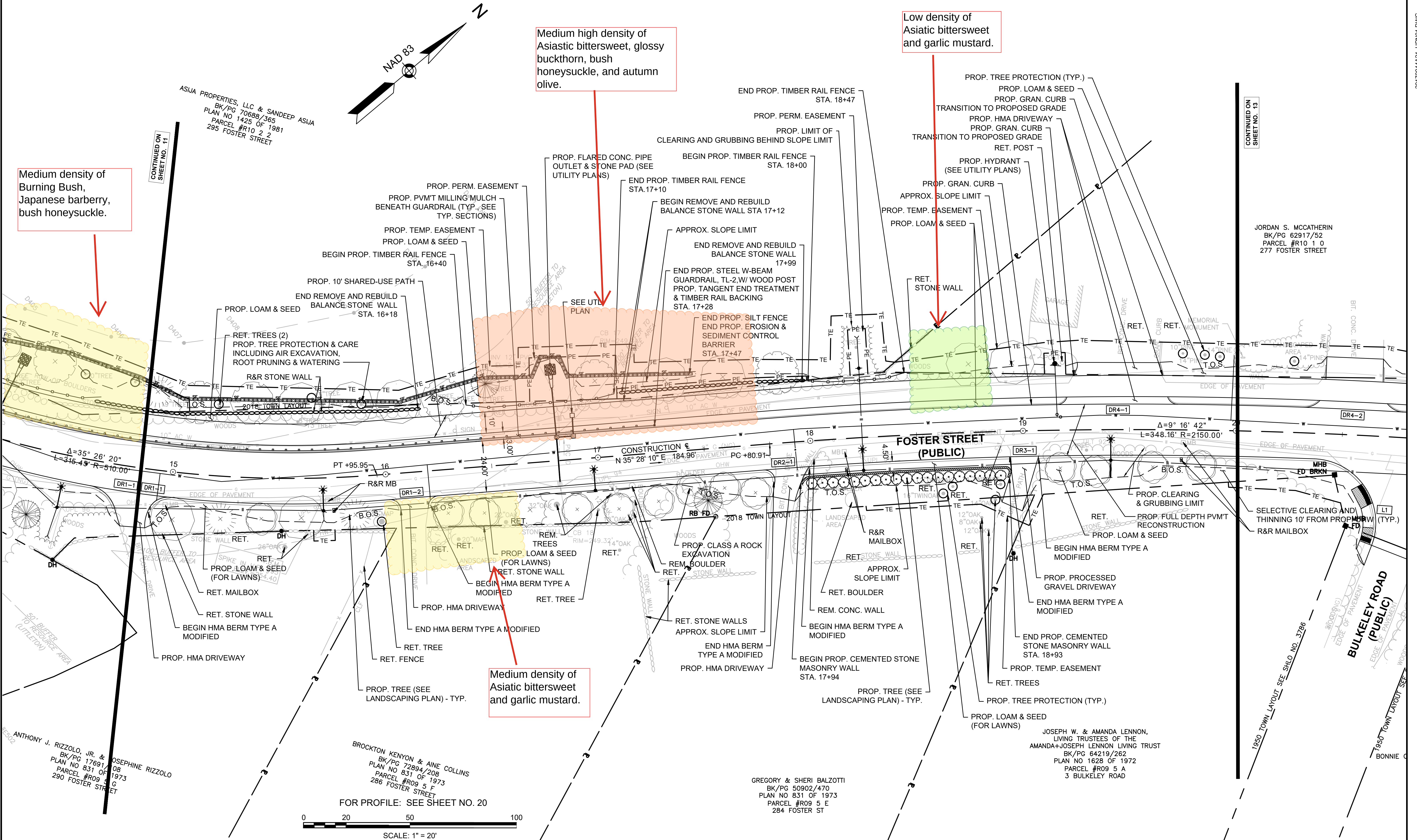
TRAFFIC SIGNAL CONDUIT
NONE

WATER SUPPLY ALTERATIONS
SEE SHEET 57-64

DRAINAGE DETAILS
SEE SHEET NOS. 65-67

LEGEND:
PROPOSED PEDESTRIAN CURB
RAMP DETAIL # X#
PROPOSED DRIVEWAY
TYPE # DR#

LITTLETON RECONSTRUCTION OF FOSTER STREET			
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	STP/CMQ/TAP-0033(037)X	12	128
PROJECT FILE NO. 609054			
CONSTRUCTION PLANS			



STEEL W-BEAM GUARDRAIL (TL-2) W/ WOOD POST & TANGENT END STA. 21+22 RT TO CONCRETE ABUTMENT
STA 23+34 RT

STEEL W-BEAM GUARDRAIL (TL-2) W/ WOOD POST & TANGENT END STA. 24+52 RT TO TANGENT END STA 25+62 RT

SEE SHEET 57-64

NONE

SEE SHEET NOS. 65-67

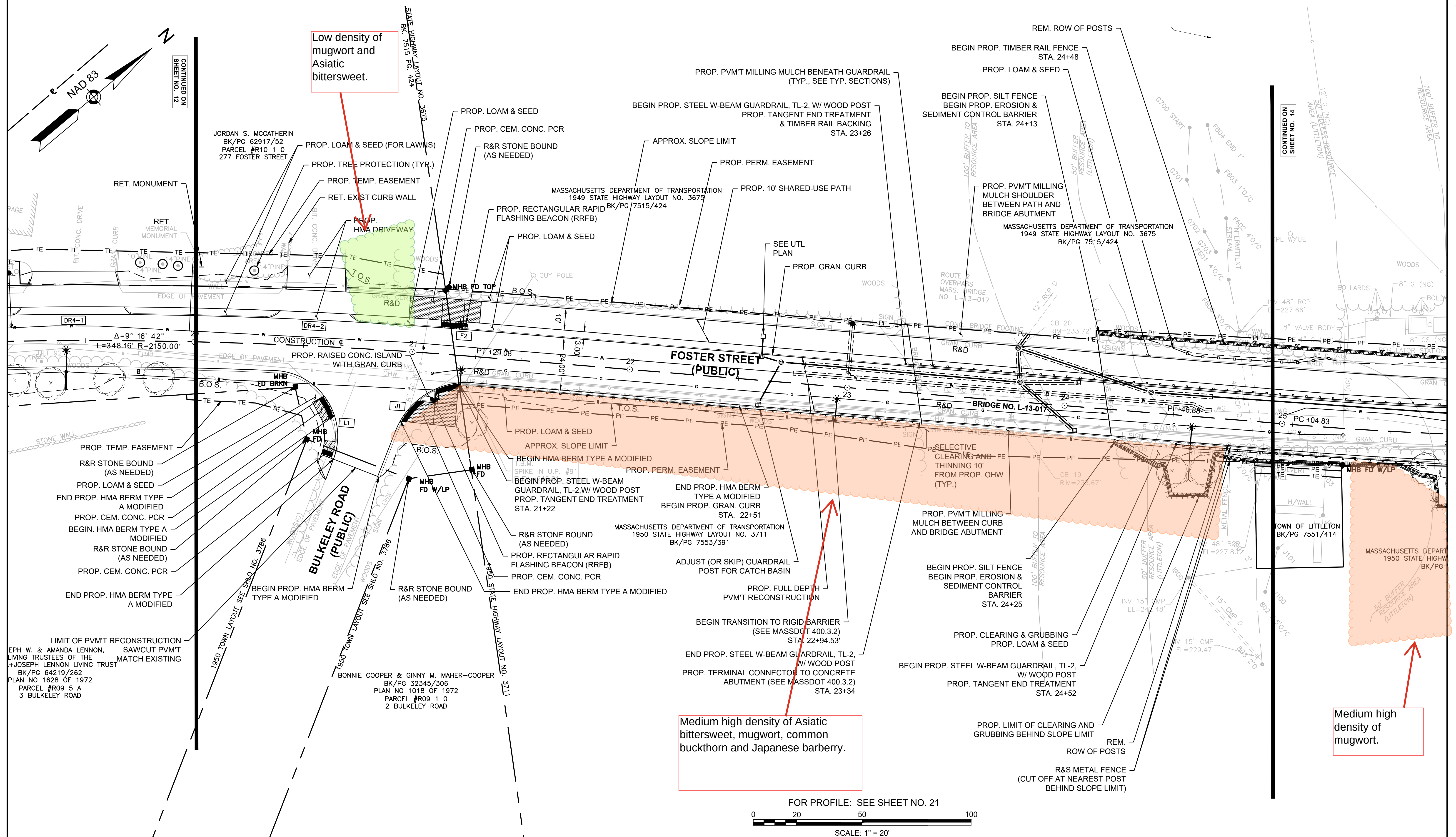
PROPOSED PEDESTRIAN CURB
RAMP DETAIL #PROPOSED DRIVEWAY
TYPE #

X#

DR#

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	STP/CMQ/TAP-0033(037)X	13	128
PROJECT FILE NO.		609054	

CONSTRUCTION PLANS



HIGHWAY GUARD DETAILS

STEEL W-BEAM GUARDRAIL (TL-2) W/ WOOD POST & TANGENT END STA. 23+26 LT TO TANGENT END STA 26+04 LT
 STEEL W-BEAM GUARDRAIL (TL-2) W/ WOOD POST & TANGENT END STA. 24+52 RT TO TANGENT END STA 25+62 RT
 STEEL W-BEAM GUARDRAIL (TL-2) W/ WOOD POST & TANGENT END STA. 28+49 RT TO FLARED END STA 32+83 RT
 STEEL W-BEAM GUARDRAIL (TL-2) W/ WOOD POST & TANGENT END STA. 301+41 LT TO TANGENT END STA 300+48 LT

WATER SUPPLY ALTERATIONS

SEE SHEET 57-64

DRAINAGE DETAILS

SEE SHEET NOS. 65-67

LEGEND:

PROPOSED PEDESTRIAN CURB
 RAMP DETAIL # X#

PROPOSED DRIVEWAY
 TYPE # DR#

TRAFFIC SIGNAL CONDUIT

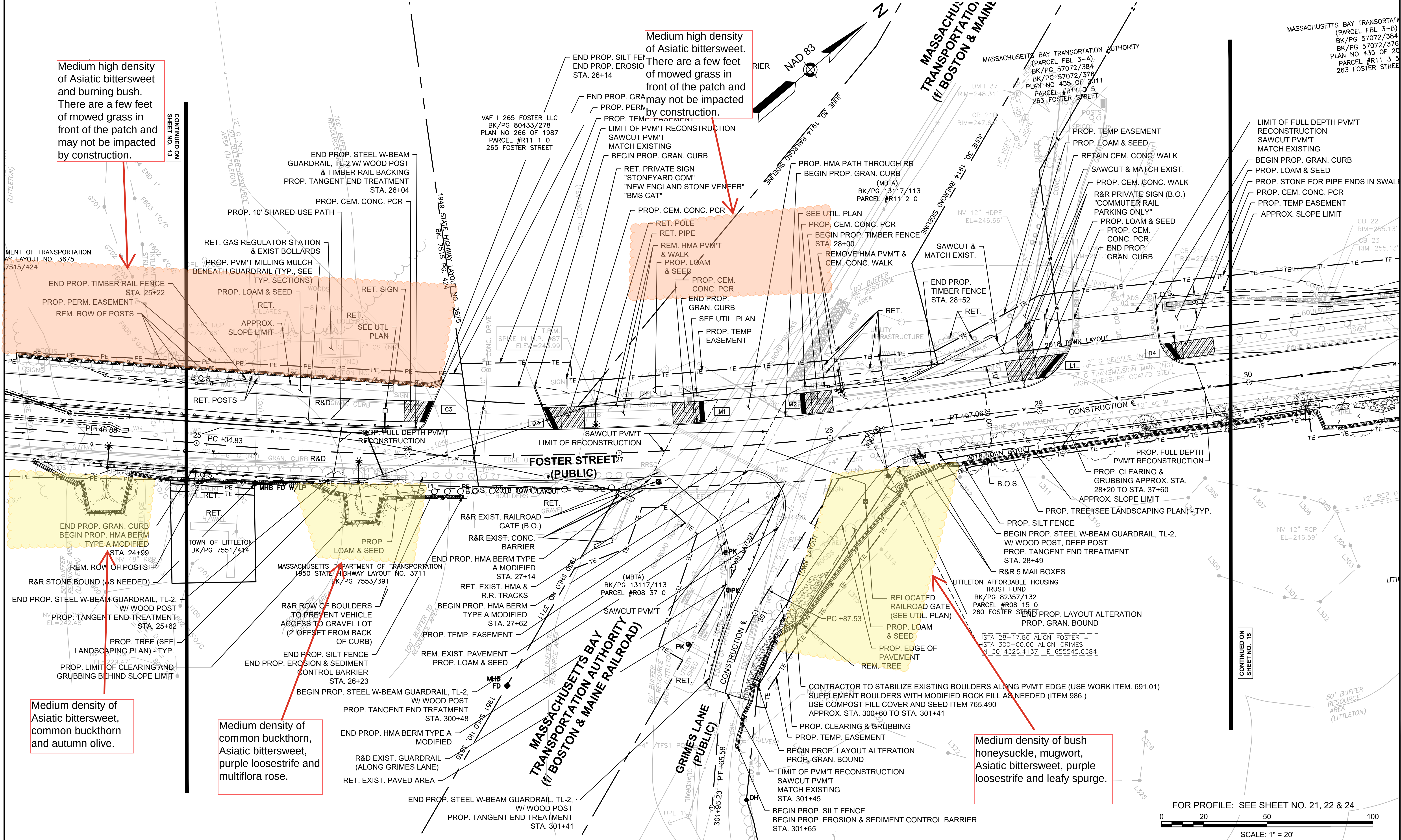
NONE

LITTLETON RECONSTRUCTION OF FOSTER STREET

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	STP/CMQ/TAP-0033(037)X	14	128
PROJECT FILE NO.		609054	

CONSTRUCTION PLANS

MASSACHUSETTS BAY TRANSPORTATION AUTHORITY
 (PARCEL FBL 3-B)
 BK/PG 57072/384
 BK/PG 57072/376
 PLAN NO 435 OF 20
 PARCEL #R11 3 5
 263 FOSTER STREET



FOR PROFILE: SEE SHEET NO. 21, 22 & 24

0 20 50 100

SCALE: 1" = 20'

STEEL W-BEAM GUARDRAIL (TL-2) W/ WOOD POST & TANGENT END STA. 28+49 RT TO FLARED END STA 32+83 RT

SEE SHEET 57-64

NONE

SEE SHEET NOS. 65-67

PROPOSED PEDESTRIAN CURB
RAMP DETAIL #PROPOSED DRIVEWAY
TYPE #

X#

DR#

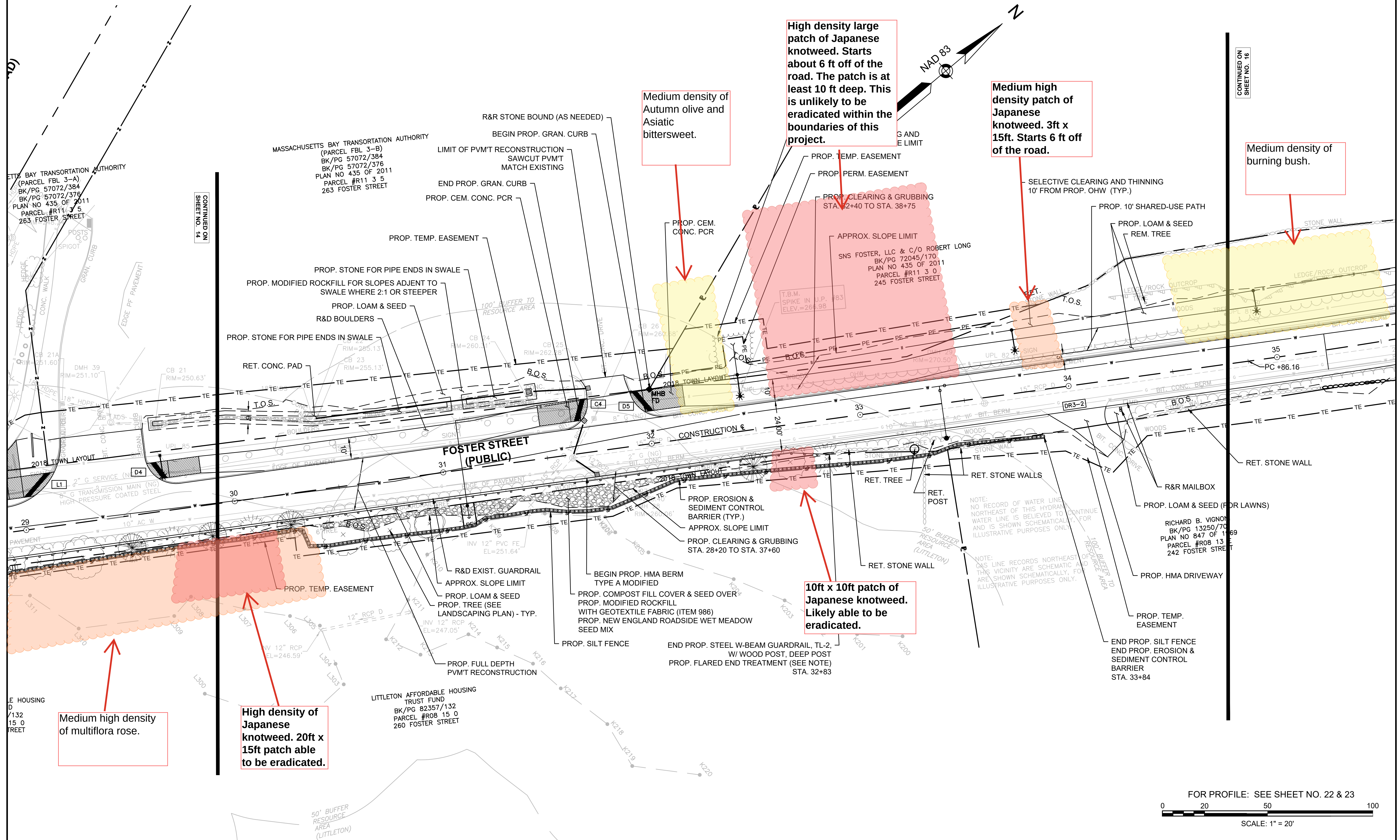
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	STP/CMQ/TAP-0033(037)X	15	128
PROJECT FILE NO.		609054	

CONTINUED ON
SHEET NO. 16

1

SCALE: 1" = 20'

20170044A21_HPNO1.DWG Plotted on 27-Mar-2024 9:59 AM



STEEL W-BEAM GUARDRAIL (TL-2) W/ WOOD POST & TANGENT END STA. 35+90 RT

NONE

SFF SHEET 57-64

SFF SHEET NOS. 65-67

PROPOSED PEDESTRIAN CURB
RAMP DETAIL #

X#

PROPOSED DRIVEWAY
TYPE #

DR#

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	STP/CMQ/TAP-0033(037)X	16	12
PROJECT FILE NO.		609054	

PATRICIA A. NARGIZIAN
BK/PG 70735/467
PARCEL #R11 5 4
237 FOSTER STREET

END OF PROJECT
PROJ. NO. 609054
STA. 39+36.15
N 3015278.1762
E 656130.7752

0 20 50 100

SCALE: 1" = 20'

200170044A21 HPN01 DWG Plotted on 27-Mar-2024 9:59 AM

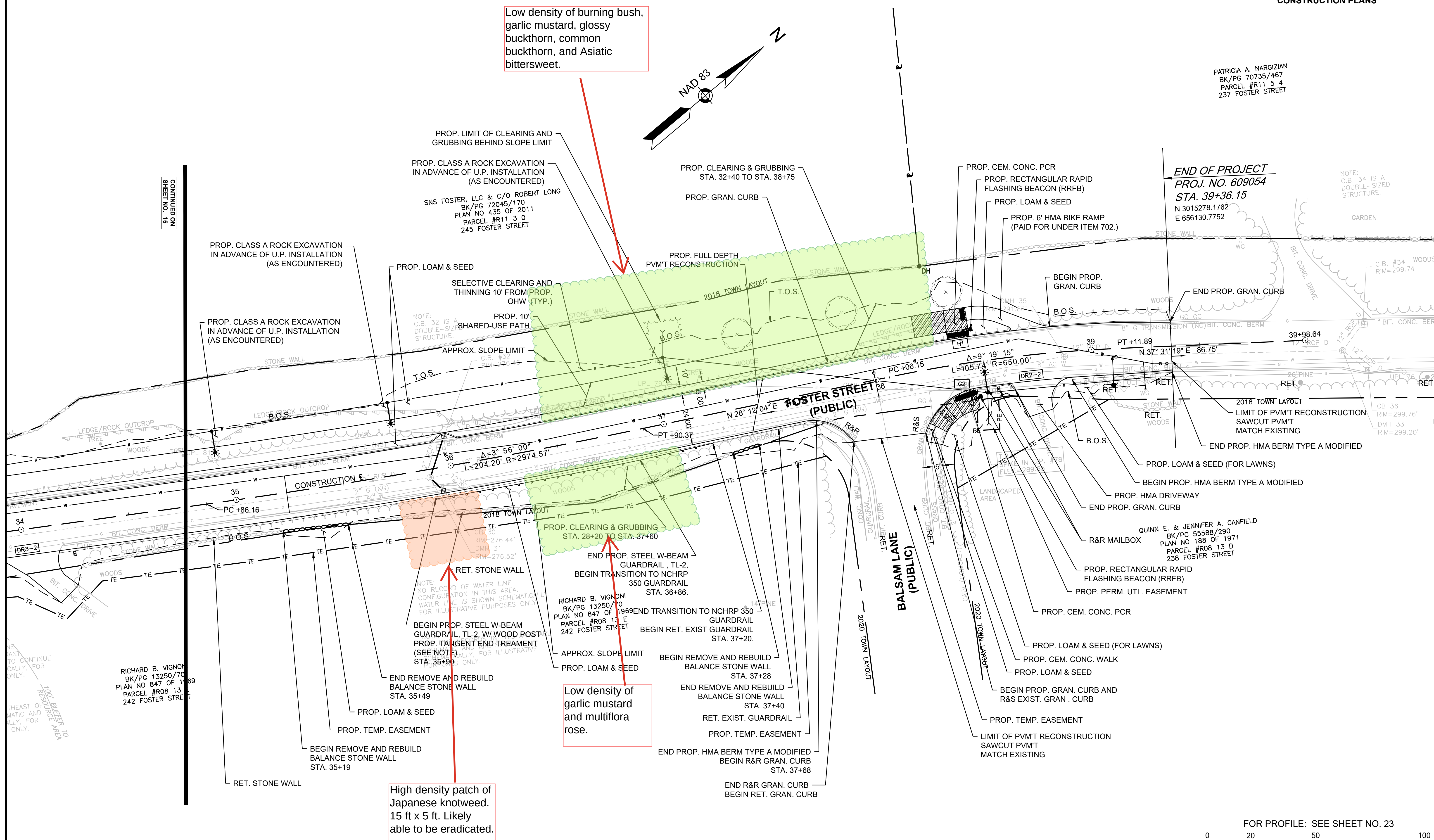




Photo Number: 1

Direction: SE

Photographer: Adriana Hughes

Date: 8.30.24

Comments: Large Norway Maple



Photo Number: 2

Direction: SE

Photographer: Adriana Hughes

Date: 8.30.24

Comments: Climbing Asiatic bittersweet.



Photo Number: 3

Direction: Down

Photographer: Adriana Hughes

Date: 8.30.24

Comments: Small patch of Japanese knotweed near STA 5 + 50



Photo Number: 4

Direction: SE

Photographer: Adriana Hughes

Date: 8.30.24

Comments: Medium density of multiflora rose, Asiatic bittersweet and autumn olive.

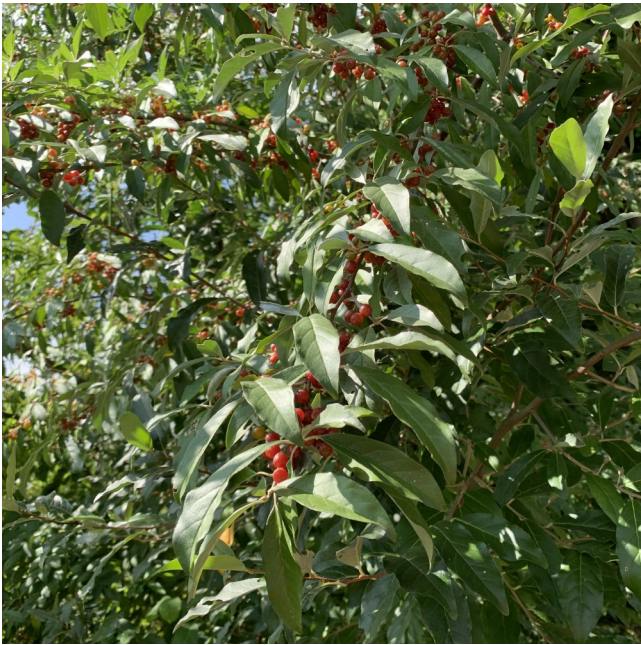


Photo Number: 5

Direction: SW

Photographer: Adriana Hughes

Date: 8.30.24

Comments: Large autumn olive shrub.



Photo Number: 6

Direction: SW

Photographer: Adriana Hughes

Date: 8.30.24

Comments: Large Japanese knotweed patch growing along Taylor Street.



Photo Number: 7

Direction: W

Photographer: Adriana Hughes

Date: 8.30.24

Comments: Large Japanese knotweed patch growing along Taylor Street.



Photo Number: 8

Direction: NW

Photographer: Adriana Hughes

Date: 8.30.24

Comments: Low density of Asiatic bittersweet and garlic mustard by STA 6.



Photo Number: 9

Direction: NW

Photographer: Adriana Hughes

Date: 8.30.24

Comments: High density of Asiatic bittersweet and buck-thorn by STA 6 +15.



Photo Number: 10

Direction: NW

Photographer: Adriana Hughes

Date: 8.30.24

Comments: High density of climbing Asiatic bittersweet by STA 6 + 25.



Photo Number: 11

Direction: NW

Photographer: Adriana Hughes

Date: 8.30.24

Comments: High density of Asiatic bittersweet extending past the project boundaries by STA 7.



Photo Number: 12

Direction: NW

Photographer: Adriana Hughes

Date: 8.30.24

Comments: High density of climbing Asiatic bittersweet and porcelain berry between STA 7 and 8.



Photo Number: 13

Direction: NW

Photographer: Adriana Hughes

Date: 8.30.24

Comments: Close up of porcelain berry.



Photo Number: 14

Direction: NW

Photographer: Adriana Hughes

Date: 8.30.24

Comments: Close up of porcelain berry and multiflora rose.



Photo Number: 15

Direction: W

Photographer: Adriana Hughes

Date: 8.30.24

Comments: High density climbing Asiatic bittersweet.



Photo Number: 16

Direction: NW

Photographer: Adriana Hughes

Date: 8.30.24

Comments: Medium high density climbing Asiatic bittersweet.



Photo Number: 17

Direction: NW

Photographer: Adriana Hughes

Date: 8.30.24

Comments: High density climbing Asiatic bittersweet.



Photo Number: 18

Direction: NW

Photographer: Adriana Hughes

Date: 8.30.24

Comments: Medium density Asiatic bittersweet and glossy buckthorn.



Photo Number: 19

Direction: NW

Photographer: Adriana Hughes

Date: 8.30.24

Comments: Medium density burning bush near STA 24 + 50.



Photo Number: 20

Direction: NW

Photographer: Adriana Hughes

Date: 8.30.24

Comments: High density Japanese knotweed patch near STA 33.



Photo Number: 21

Direction: NW

Photographer: Adriana Hughes

Date: 8.30.24

Comments: Medium density Japanese knotweed near STA 34.



Photo Number: 22

Direction: NW

Photographer: Adriana Hughes

Date: 8.30.24

Comments: Medium density of glossy buckthorn and multiflora rose near STA 38.



Photo Number: 23

Direction: SE

Photographer: Adriana Hughes

Date: 8.30.24

Comments: Medium density Japanese knotweed near STA 36.



Photo Number: 24

Direction: SE

Photographer: Adriana Hughes

Date: 8.30.24

Comments: Medium density Japanese knotweed near STA 36.



Photo Number: 25

Direction: NW

Photographer: Adriana Hughes

Date: 8.30.24

Comments: Medium density garlic mustard, glossy buckthorn and bush honeysuckle near STA 38.



Photo Number: 26

Direction: W

Photographer: Adriana Hughes

Date: 8.30.24

Comments: High density Japanese knotweed patch.



Photo Number: 27

Direction: NW

Photographer: Adriana Hughes

Date: 8.30.24

Comments: Medium density garlic mustard, glossy buckthorn and bush honeysuckle extending outside the project boundaries near STA 38.



Photo Number: 28

Direction: SE

Photographer: Adriana Hughes

Date: 8.30.24

Comments: High density Japanese knotweed patch near STA 32 + 50.