MASSWORKS INFRASTRUCTURE PROJECT

AMESBURY
CLARKS ROAD
RDA PLANS
TITLE SHEET & INDEX
SHEET 1 OF 3

PLAN AND PROFILE OF

CLARKS ROAD

IN THE CITY OF

AMESBURY

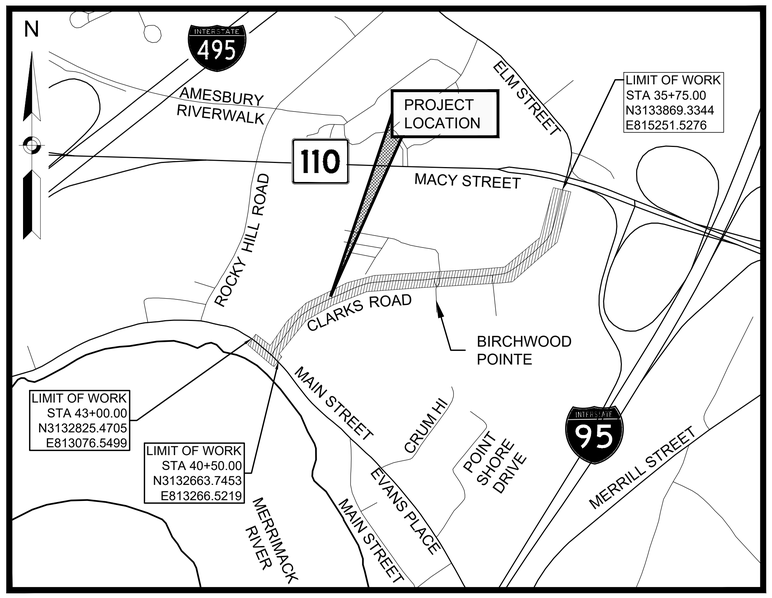
ESSEX COUNTY

RDA PLANS

THESE PLANS ARE SUPPLEMENTED BY THE LATEST EDITIONS OF THE FOLLOWING PUBLICATIONS, AS IDENTIFIED IN THE CONTRACT SPECIAL PROVISIONS: THE MASSDOT CONSTRUCTION STANDARD DETAILS, THE MASSDOT STANDARD DRAWINGS FOR SIGNS AND SUPPORTS, THE MASSDOT STANDARD DRAWINGS FOR TRAFFIC SIGNALS AND HIGHWAY LIGHTING, THE MASSDOT OVERHEAD SIGNAL STRUCTURE AND FOUNDATION STANDARD DRAWINGS, THE MASSDOT TRAFFIC MANAGEMENT PLANS AND DETAIL DRAWINGS, AND THE ANSI AMERICAN STANDARD FOR NURSERY STOCK.

INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET & INDEX
2	CONSTRUCTION PLAN
3	CONSTRUCTION DETAILS



0 500 1000 1500

SCALE 1" = 500'

TOTAL LENGTH OF PROJECT = 2,825.00 FEET = 0.535 MILES
MAIN STREET = 250.00 FEET = 0.047 MILES
CLARKS ROAD = 2,575.00 FEET = 0.488 MILES

DESIGN DESIGNATION (CLARKS ROAD)

DESIGN SPEED	25 MPH
ADT (2026)	2,382
ADT (2046)	2,912
K	9.8%
D	51.3%
T (PEAK HOUR)	0.0%
T (AVERAGE DAY)	1.6%
DHV	285
DDHV	146
FUNCTIONAL CLASSIFICATION	URBAN MAJOR COLLECTOR

10/08/2026	RDA PLANS	-
DATE	DESCRIPTION	REV #

TEC The Engineering Corp

282 Merrimack St
2nd Floor
Lawrence, MA 01843
978-794-1792

100 Front Street
10th Floor
Worcester, MA 01608
508-868-5104

2 Monument Square
Suite 301
Portland, ME 04101
207-370-5838

www.TECinc.com

T1607_HD1(TITLE SHEET) - RDA.DWG Plotted on 6-Oct-2026 1:33 PM

AMESBURY
CLARKS ROAD
RDA PLANS
CONSTRUCTION PLAN
SHEET 2 OF 3

T1607_HD8(CONSTRUCTION PLANS) - RDA.DWG Plotted on 7-Oct-2026 12:52 PM

MERRIMACK RIVER

CLARKS ROAD (PUBLIC - VARIABLE WIDTH)

MAIN STREET (PUBLIC - VARIABLE WIDTH)

1966 TOWN LAYOUT

TOWN LAYOUT

ANTONIO J. & CHERYL A. YEMMA
BK/PG 8416/319
PB/PL 155/1978
441 MAIN STREET

443 MAIN STREET NOMINEE TRUST
BK/PG 36668/218
PB/PL 155/1978
443 MAIN STREET

ENNO K. TJALSMA
BK/PG 37867/49
447 MAIN STREET

LOWELL MARITIME FOUNDATION INC
BK/PG 33534/601
451 MAIN STREET

ANTONIO J. & CHERYL A. YEMMA
BK/PG 8416/319
PLAN 155 OF 1978
446 MAIN STREET

THE JESSICA AND LUIS GATGENS LIVING TRUST
BK/PG 42007/53
PLAN 155 OF 1978
448 MAIN STREET

LEAVY FAMILY TRUST
BK/PG 42220/165
450 MAIN STREET

THOMAS R. HALL
BK/PG 6123/775
PB/PL 291/66
1 CLARKS ROAD

BENORA L. HAYES
BK/PG 40612/507
PB/PL 133/5
452 MAIN STREET

MICHAEL GALLANT
BK/PG 38381/416
PLAN 434 OF 1970
454 MAIN STREET

JOHN J. BOLAND JR.
BK/PG 7361/503
PB/PL 316/86
4 CLARKS ROAD

ELIZABETH HENNESSY
BK/PG 16873/492
PB/PL 133/5
3 CLARKS ROAD

GREGORY L NOYES
BK/PG 6598/272
PB/PL 316/86
8 CLARKS ROAD

WF#BA106
WF#BA107
WF#BA108
WF#BA109
WF#BA110
WF#BA111
WF#BA112

MEAN ANNUAL HIGH WATER (MAHW)

FEMA FLOOD ZONE AE

100' INNER RIPARIAN ZONE (INZ)

200' RIVERFRONT AREA (RFA)

LIMIT OF WORK
STA 43+00.00
N3132825.4705
E813076.5499

PROP LIMIT OF HMA MILL & OVERLAY
STA 42+82

LIMIT OF WORK
STA 40+50.00
N3132663.7453
E813266.5219

PROP LIMIT OF HMA MILL & OVERLAY
STA 40+55

9+99.02 CLARKS ROAD= 41+30.00 MAIN STREET

PC +86.78
PT +12.10
PC +64.48
PT +19.65
PC +40.71
PC +26.18
PT +81.4975

MEET EXIST DWY
RET WALL
R&R GATE IN PLACE
R&R BRICK WALK TO MEET EXIST
PROP CITY LAYOUT ALTERATION
PROP FDP <4'
PROP AGED PINE BARK MULCH
PROP 6' (MIN) CEM CONC SW (TYP)
RET WOOD FENCE & GATE
MEET EXIST DWY (SAWCUT)
PROP HMA DWY
RET GATE; R&R BRICK WALK TO MEET EXIST
PROP AGED BARK MULCH
RET EXIST BULKHEAD;
R&R COBBLE PAVERS IN PLACE; SEE INSET B ON SHEET 11
PROP GRAVEL DRIVEWAY
PROP CC PCR (TYP)
PROP SEDIMENT CONTROL BARRIER (TYP)
PROP AGED PINE BARK MULCH
R&R MONUMENT & COBBLE PAVERS IN PLACE
RET GATE
R&R FLAGSTONE WALK TO MEET EXIST
PROP 5.5' CEM CONC SW (TYP)
R&R EXIST BACK CURB IN PLACE (5" REVEAL) (TYP)
RET PICKET FENCE
MEET EXIST DWY
R&R FLAGSTONE WALK; RET EXIST STEP; SEE XSECT, SHEET 54
RET STONE WALL
RET TREE
PROP FDP
RET TREE; PROP TREE PROTECTION
RET VINYL FENCE
MEET EXIST DWY (SAWCUT)
PROP HMA DWY (TYP)
MEET EXIST DWY (SAWCUT)
R&S EXIST COBBLE PAVERS
PROP GRAVEL DWY
MEET EXIST DWY (SAWCUT)
R&R BRICK DWY (PAID FOR UNDER ITEM 706.1)
RET TREE
RET WOOD FENCE
PROP 4.5' (MIN) HMA SW (STA 10+40 TO 12+65)
PROP CITY LAYOUT ALTERATION
PROP CRUSHED STONE
R&R WOOD FENCE
RET EXIST GRANITE STEP; RET EXIST WOOD STEPS
PROP CC WALK TO MEET TOP OF EXIST GRANITE STEP
RET TREE; PROP TREE PROTECTION
RET FENCE
RET TREE
PROP CRUSHED STONE
APPROX LOG (TYP)
PROP 4" LOAM & SEED (TYP)
RET STONE WALL
PROP INLET PROTECTION SILT SACK (TYP)
PROP VGC (6" REVEAL); TYPE VB (TYP)
PROP DRAINAGE DITCH; SEE XSECTS
PROP PERM DRAINAGE EASEMENT
PROP 4" LOAM & SEED (TYP)
RET TREE; PROP TREE PROTECTION
RET STUMP
MEET EXIST DWY (SAWCUT)
PROP HMA DWY (TYP)
PROP AGED BARK MULCH
RET LSA
PROP 5.5' HMA SW (TYP)
PROP TEMP EASEMENT (TYP)
MEET EXIST DWY (SAWCUT)
REM TREE
RET STUMPS
REM STUMP
PROP CITY LAYOUT ALTERATION
R&R BRICK WALK TO MEET EXIST
RET TREE; PROP TREE PROTECTION
MEET EXIST DWY (SAWCUT)
MEET EXIST DWY
PROP GRAVEL DWY

CONTINUED ON SHEET NO. 3

LEGEND

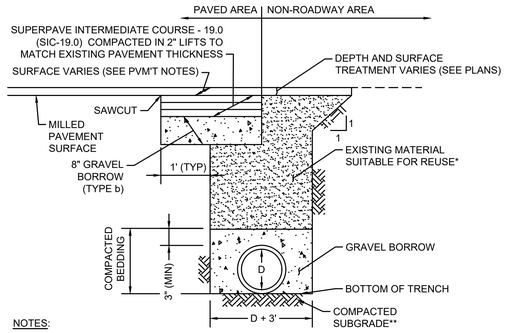
- # = DRIVEWAY NUMBER
- # = PEDESTRIAN CURB RAMP NUMBER
- = INLET PROTECTION SILT SACK
- = SEDIMENT CONTROL BARRIER
- = 200' RIVERFRONT AREA (RFA)
- = 100' INNER RIPARIAN ZONE (INZ)
- = FEMA FLOOD ZONE AE
- = WETLAND FLAGS

0 20 50 100

SCALE: 1" = 20'

AMESBURY
CLARKS ROAD
RDA PLANS
CONSTRUCTION DETAILS
SHEET 3 OF 3

T1607_HD12(CONSTRUCTION DETAILS) - RDA.DWG Plotted on 6-Oct-2026 1:34 PM



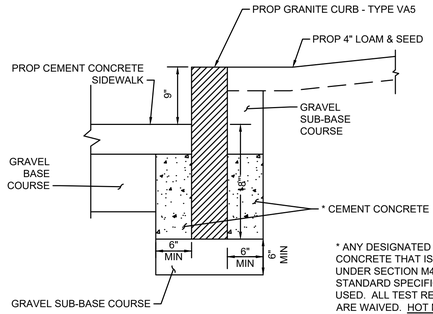
NOTES:

* EXISTING MATERIAL OBTAINED FROM EXCAVATION THAT IS DETERMINED TO BE SUITABLE, AND APPROVED BY THE ENGINEER SHALL BE USED. BACKFILL SHALL BE PLACED IN LAYERS NO MORE THAN 6" IN DEPTH AND THOROUGHLY COMPACTED. BACKFILLING TO A POINT 2' OVER THE PIPE SHALL CONTAIN NO STONES LARGER THAN 3".

**SOFT OR UNSUITABLE MATERIAL EXISTING BELOW THE REQUIRED BEDDING GRADE SHALL BE REMOVED AS DIRECTED AND REPLACED WITH SAND, GRAVEL, CRUSHED STONE OR OTHER SUITABLE MATERIAL AND THOROUGHLY COMPACTED.

DRAINAGE TRENCH

N.T.S.

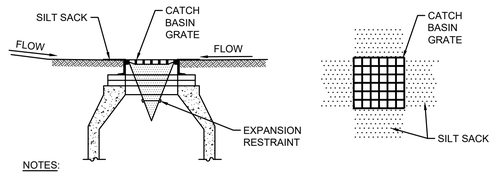


STA 33+35 RT TO 33+56 RT

GRANITE BACK CURB

N.T.S.

* ANY DESIGNATED CEMENT CONCRETE THAT IS ACCEPTABLE UNDER SECTION M4 OF THE STANDARD SPECIFICATIONS MAY BE USED. ALL TEST REQUIREMENTS ARE WAIVED. HOT MIX ASPHALT SHALL NOT BE USED AS A SUBSTITUTE. CONCRETE SHALL BE INCLUDED IN PRICE BID FOR VARIOUS GRANITE CURB ITEMS FOR 6" OFFSET FROM FACE OF CURB.

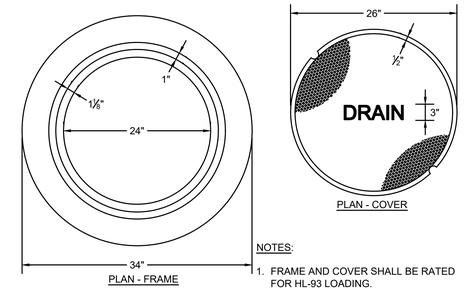


NOTES:

1. INSTALL SILT SACK IN EXISTING CATCH BASINS BEFORE COMMENCING WORK, AND IN NEW CATCH BASINS IMMEDIATELY AFTER INSTALLATION OF STRUCTURE. MAINTAIN UNTIL INTERMEDIATE COURSE PAVING IS COMPLETE OR A PERMANENT STAND OF GRASS HAS BEEN ESTABLISHED.
2. GRATE TO BE PLACED OVER SILT SACK.
3. SILT SACK SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS AND CLEANING OR REPLACEMENT SHALL BE PERFORMED PROMPTLY AS NEEDED.

INLET PROTECTION SILT SACK IN CATCH BASIN

N.T.S.

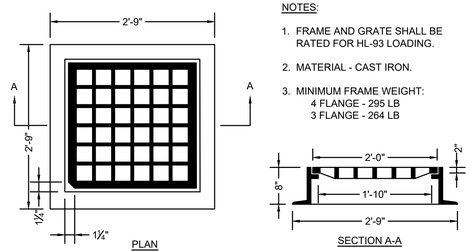


NOTES:

1. FRAME AND COVER SHALL BE RATED FOR HL-93 LOADING.
2. MATERIAL - CAST IRON.
3. MINIMUM MASS - 265 LBS.
4. ALL MH FRAMES AND COVERS SHALL BE ADA AND AAB COMPLIANT.
5. MANHOLE COVERS SHALL HAVE A DIAMOND PATTERN, PICK HOLES, AND THE WORD "DRAIN" OR "SEWER" CAST IN 3-INCH LETTERS.

MANHOLE FRAME & COVER

N.T.S.

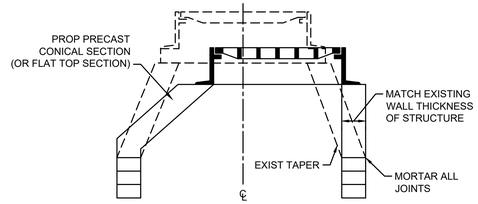


NOTES:

1. FRAME AND GRATE SHALL BE RATED FOR HL-93 LOADING.
2. MATERIAL - CAST IRON.
3. MINIMUM FRAME WEIGHT:
   4 FLANGE - 295 LB
   3 FLANGE - 264 LB

CATCH BASIN FRAME & GRATE (MUNICIPAL STANDARD)

N.T.S.

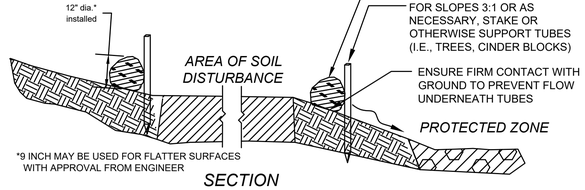


STRUCTURE REMODEL

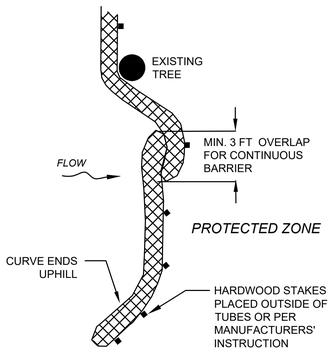
N.T.S.

REDUCE HIGH WATER FLOW ONTO WORK ZONE

CAPTURE SEDIMENT AND PREVENT FLOW OFF SITE



SECTION



PLACE TUBE ALONG CONTOURS AND PERPENDICULAR TO FLOW.

PLACE AS CLOSE TO LIMIT OF SOIL DISTURBANCE AS POSSIBLE.

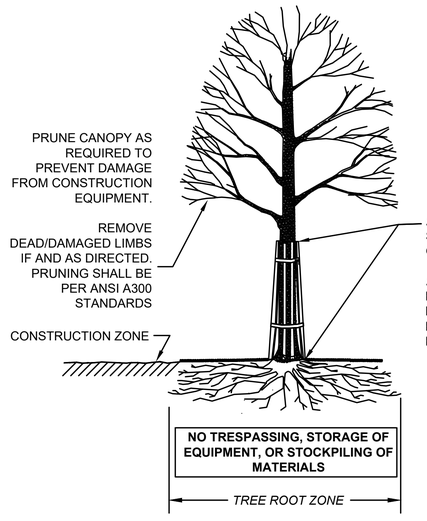
ADJUST LOCATION AS REQUIRED FOR OPTIMUM EFFECTIVENESS. DO NOT INSTALL IN WATERWAYS.

PLACE STAKES AS NEEDED TO SECURE TUBES IN PLACE.

PLAN VIEW

SEDIMENT CONTROL BARRIER - COMPOST FILTER TUBES

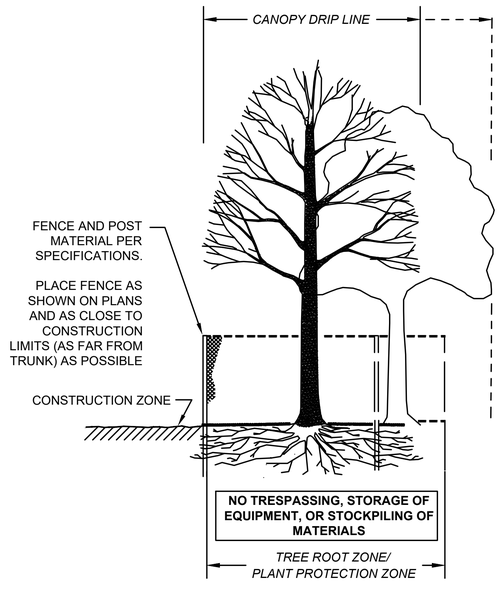
N.T.S.



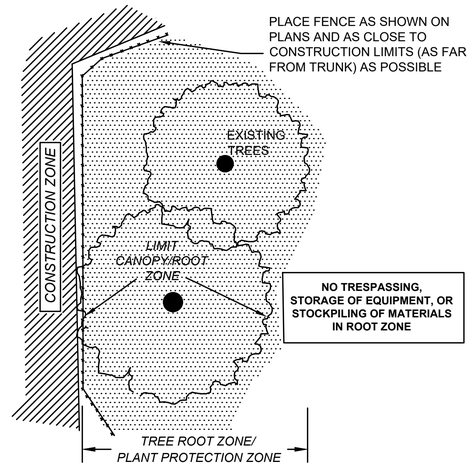
SECTION - TRUNK ARMORING & PRUNING

TREE PROTECTION - TRUNK

N.T.S.



SECTION - FENCE PROTECTION OF ROOT ZONE



PLAN VIEW - FENCE PROTECTION OF ROOT ZONE

TREE PROTECTION - ROOT ZONE

N.T.S.