

MASSACHUSETTS DEPARTMENT OF TRANSPORTATION HIGHWAY DIVISION

PLAN AND PROFILE OF
MASS CENTRAL RAIL TRAIL
IN THE TOWNS OF
WAYLAND & SUDBURY
MIDDLESEX COUNTY

FEDERAL AID PROJECT NO. TBD

WAYLAND & SUDBURY
MASS CENTRAL RAIL TRAIL

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TBD	01	107
PROJECT FILE NO.		610660	

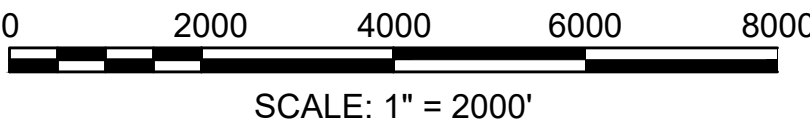
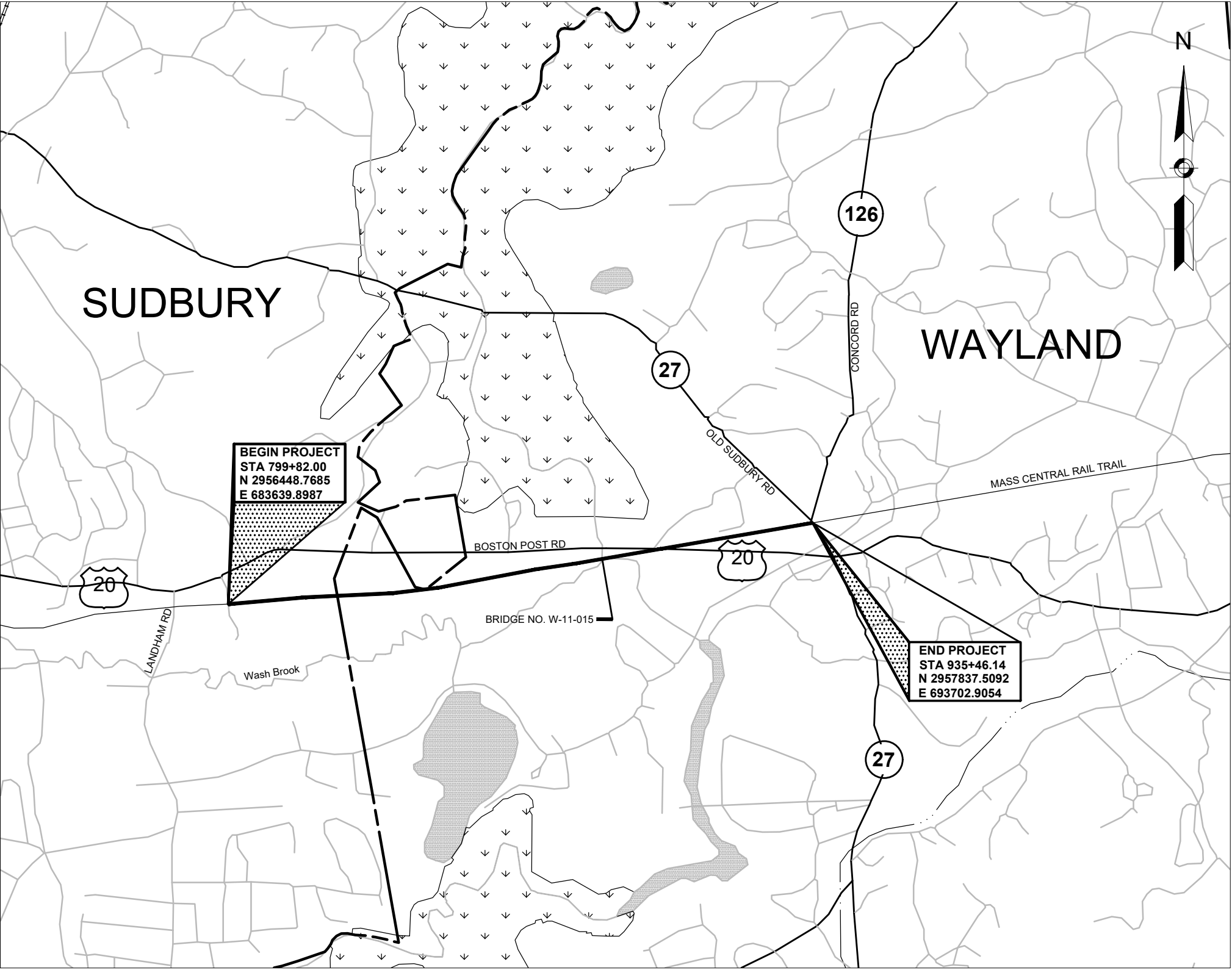
TITLE SHEET & INDEX

THESE PLANS ARE SUPPLEMENTED BY THE OCTOBER 2017 CONSTRUCTION STANDARD DETAILS, THE 2015 OVERHEAD SIGNAL STRUCTURE AND FOUNDATION STANDARD DRAWINGS, MASSDOT TRAFFIC MANAGEMENT PLANS AND DETAIL DRAWINGS, THE 1990 STANDARD DRAWINGS FOR SIGNS AND SUPPORTS, THE 1968 STANDARD DRAWINGS FOR TRAFFIC SIGNALS AND HIGHWAY LIGHTING, AND THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK.

25% SUBMISSION

INDEX



SHEET NO.	DESCRIPTION
01	TITLE SHEET & INDEX
02	LEGEND ABBREVIATIONS & GENERAL NOTES
03 - 04	KEY PLAN & BORING LOCATION
05	BORING LOG
06	BASELINE DATA
07	TYPICAL SECTIONS & PVMT NOTES
08 - 18	CONSTRUCTION PLANS
19 - 23	PROFILES
24 - 27	TRAFFIC PLANS
28	TRAFFIC SIGN SUMMARY
29 - 31	TEMPORARY TRAFFIC CONTROL PLANS
32 - 35	CONSTRUCTION DETAILS
36 - 103	CROSS SECTIONS
104 - 107	TIMBER LOOKOUT DETAILS



LENGTH OF PROJECT = 10,154.00 FEET = 1.923 MILES

DESIGN DESIGNATION (MASS CENTRAL RAIL TRAIL)

DESIGN SPEED 20 MPH

PLAN PREPARED BY:  101 WALNUT STREET WATERTOWN, MA 02471			
 Massachusetts Department of Transportation Highway Division	04-25-2022	25% DESIGN SUBMISSION	0
	DATE	DESCRIPTION	REV #
RECOMMENDED FOR APPROVAL			
	CHIEF ENGINEER		DATE

GENERAL SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
		JERSEY BARRIER
		CATCH BASIN
		CATCH BASIN CURB INLET
		FLAG POLE
		GAS PUMP
		MAIL BOX
		POST SQUARE
		POST CIRCULAR
		WELL
		ELECTRIC HANDHOLE
		FENCE GATE POST
		GAS GATE
		BORING HOLE
		MONITORING WELL
		TEST PIT
		HYDRANT
		LIGHT POLE
		CONCRETE BOUND/DRILL HOLE
		GPS POINT
		CABLE MANHOLE
		DRAINAGE MANHOLE
		ELECTRIC MANHOLE
		GAS MANHOLE
		MISC MANHOLE
		SEWER MANHOLE
		TELEPHONE MANHOLE
		WATER MANHOLE
		MASSACHUSETTS HIGHWAY BOUND
		MONUMENT
		STONE BOUND
		TOWN OR CITY BOUND
		TRAVERSE OR TRIANGULATION STATION
		TROLLEY POLE OR GUY POLE
		TRANSMISSION POLE
		UTILITY POLE W/ FIREBOX
		UTILITY POLE WITH DOUBLE LIGHT
		UTILITY POLE W / 1 LIGHT
		UTILITY POLE
		BUSH
		TREE
		STUMP
		SWAMP / MARSH
		WETLAND FLAG
		PARKING METER
		OVERHEAD CABLE/WIRE
		CURBING
		CONTOURS (ON-THE-GROUND SURVEY DATA)
		CONTOURS (PHOTOGRAMMETRIC DATA)
		UNDERGROUND DRAIN PIPE (DOUBLE LINE 24 INCH AND OVER)
		UNDERGROUND ELECTRIC DUCT (DOUBLE LINE 24 INCH AND OVER)
		UNDERGROUND GAS MAIN (DOUBLE LINE 24 INCH AND OVER)
		UNDERGROUND SEWER MAIN (DOUBLE LINE 24 INCH AND OVER)
		UNDERGROUND TELEPHONE DUCT (DOUBLE LINE 24 INCH AND OVER)
		UNDERGROUND WATER MAIN (DOUBLE LINE 24 INCH AND OVER)
		BALANCED STONE WALL
		GUARD RAIL - STEEL POSTS
		WOOD GUARD RAIL
		CHAIN LINK OR METAL FENCE
		WOOD FENCE
		TREE LINE
		SAWCUT LINE
		TOP OR BOTTOM OF SLOPE
		LIMIT OF EDGE OF PAVEMENT OR COLD PLANE AND OVERLAY
		BANK OF RIVER OR STREAM
		BORDER OF WETLAND
		100 FT WETLAND BUFFER
		100 FT BANK BUFFER
		200 FT RIVERFRONT BUFFER
		STATE HIGHWAY LAYOUT/STATE OWNED LAND
		TOWN OR CITY LAYOUT
		COUNTY LAYOUT
		RAILROAD SIDELINE
		TOWN OR CITY BOUNDARY LINE
		PROPERTY LINE OR APPROXIMATE PROPERTY LINE
		EASEMENT
		SEDIMENT CONTROL BARRIER
		TRAVERSE OR TRIANGULATION STATION
		CHECK DAM
		SITE BENCH W/ CONCRETE PAD
		SITE BENCH W/ CONCRETE PAD AND COMPANION SPACE

ABBREVIATIONS

GENERAL	
AADT	ANNUAL AVERAGE DAILY TRAFFIC
ABAN	ABANDON
ADJ	ADJUST
APPROX.	APPROXIMATE
A.C.	ASPHALT CONCRETE
ACCM PIPE	ASPHALT COATED CORRUGATED METAL PIPE
BIT.	BITUMINOUS
BC	BOTTOM OF CURB
BD.	BOUND
BL	BASELINE
BLDG	BUILDING
BM	BENCHMARK
BO	BY OTHERS
BOS	BOTTOM OF SLOPE
BR.	BRIDGE
CB	CATCH BASIN
CBCI	CATCH BASIN WITH CURB INLET
CC	CEMENT CONCRETE
CCM	CEMENT CONCRETE MASONRY
CEM	CEMENT
CI	CURB INLET
CIP	CAST IRON PIPE
CLF	CHAIN LINK FENCE
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CSP	CORRUGATED STEEL PIPE
CO.	COUNTY
CONC	CONCRETE
CONT	CONTINUOUS
CONST	CONSTRUCTION
CR GR	CROWN GRADE
DHV	DESIGN HOURLY VOLUME
DI	DROP INLET
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DW	STEADY DON'T WALK - PORTLAND ORANGE
DWY	DRIVEWAY
ELEV (or EL.)	ELEVATION
EMB	EMBANKMENT
EOP	EDGE OF PAVEMENT
EXIST (or EX)	EXISTING
EXC	EXCAVATION
F&C	FRAME AND COVER
F&G	FRAME AND GRATE
FDN.	FOUNDATION
FLDSTN	FIELDSTONE
GAR	GARAGE
GD	GROUND
GG	GAS GATE
GI	GUTTER INLET
GIP	GALVANIZED IRON PIPE
GRAN	GRANITE
GRAV	GRAVEL
GRD	GUARD
HDW	HEADWALL
HMA	HOT MIX ASPHALT
HOR	HORIZONTAL
HYD	HYDRANT
INV	INVERT
JCT	JUNCTION
L	LENGTH OF CURVE
LB	LEACH BASIN
LP	LIGHT POLE
LST	LANDSCAPE TIMBER
LT	LEFT
MAX	MAXIMUM
MB	MAILBOX
MH	MANHOLE
MHB	MASSACHUSETTS HIGHWAY BOUND
MIN	MINIMUM
NIC	NOT IN CONTRACT
NO.	NUMBER
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
PCR	PEDESTRIAN CURB RAMP
P.G.L.	PROFILE GRADE LINE
PI	POINT OF INTERSECTION
POC	POINT ON CURVE
POT	POINT ON TANGENT
PRC	POINT OF REVERSE CURVATURE
PROJ	PROJECT
PROP	PROPOSED
PSB	PLANTABLE SOIL BORROW
PT	POINT OF TANGENCY
PVC	POINT OF VERTICAL CURVATURE
PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENCY
PVMT	PAVEMENT

ABBREVIATIONS (cont.)

GENERAL	
PWW	PAVED WATER WAY
R	RADIUS OF CURVATURE
R&D	REMOVE AND DISPOSE
RCP	REINFORCED CONCRETE PIPE
RD	ROAD
RDWY	ROADWAY
REM	REMOVE
RET	RETAIN
RET WALL	RETAINING WALL
ROW	RIGHT OF WAY
RR	RAILROAD
R&R	REMOVE AND RESET
R&S	REMOVE AND STACK
RT	RIGHT
SB	STONE BOUND
SHLD	SHOULDER
SMH	SEWER MANHOLE
ST	STREET
STA	STATION
SSD	STOPPING SIGHT DISTANCE
SHLO	STATE HIGHWAY LAYOUT LINE
SW	SIDEWALK
T	TANGENT DISTANCE OF CURVE/TRUCK %
TAN	TANGENT
TEMP	TEMPORARY
TC	TOP OF CURB
TMA	TELEPHONE MAST ARM
TOS	TOP OF SLOPE
TYP	TYPICAL
UP	UTILITY POLE
VAR	VARIES
VERT	VERTICAL
VC	VERTICAL CURVE
WG	WATER GATE
WIP	WROUGHT IRON PIPE
WM	WATER METER/WATER MAIN
X-SECT	CROSS SECTION

TRAFFIC SIGNAL

DW	STEADY DON'T WALK
FDW	FLASHING DON'T WALK
FR	FLASHING CIRCULAR RED
FY	FLASHING CIRCULAR YELLOW
G	STEADY CIRCULAR GREEN
	STEADY GREEN LEFT ARROW
	STEADY GREEN RIGHT ARROW
OL	OVERLAP
PED	PEDESTRIAN
R	STEADY CIRCULAR RED
W	STEADY WALK
Y	STEADY CIRCULAR YELLOW

PAVEMENT MARKINGS SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
		PAVEMENT ARROW - WHITE
		LEGEND "ONLY" - WHITE
		BICYCLE DETECTOR - WHITE
		STOP LINE -WHITE, 12" WIDTH UNLESS OTHERWISE NOTED
		CROSSWALK-WHITE, 12" WIDTH UNLESS OTHERWISE NOTED
		SOLID WHITE LINE, 6" WIDTH
		SOLID YELLOW LINE, 6" WIDTH
		BROKEN WHITE LINE, 10' LINE W/30' SPACING, 6" WIDTH
		BROKEN YELLOW LINE, 10' LINE W/30' SPACING, 6" WIDTH
		DOTTED WHITE LINE, 2' LINE W/6" SPACING, 6" WIDTH
		DOUBLE YELLOW LINE, 6" WIDTH

TRAFFIC SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
		CONTROLLER PHASE
		QUADRUPOLE WIRE LOOP DETECTOR
		BICYCLE WIRE LOOP DETECTOR, TYPE B-2
		PEDESTRIAN PUSH BUTTON, SIGN AND SADDLE
		EMERGENCY PREEMPTION CONFIRMATION STROBE
		VEHICULAR SIGNAL HEAD, WITH BACKPLATE
		PEDESTRIAN SIGNAL HEAD
		SIGNAL POST AND BASE
		MAST ARM, SHAFT AND BASE
		SIGN AND POST
		SIGN AND POST (2 POSTS)
		OVERHEAD SIGN
		OPTICAL PRE-EMPTION DETECTOR
		CONTROL CABINET, GROUND MOUNTED
		PULL BOX 12"x12" (OR AS NOTED)
		ELECTRIC HANDHOLE - SD2.022 (OR AS NOTED)
		TRAFFIC SIGNAL CONDUIT

GENERAL NOTES:

- TOPOGRAPHICAL INFORMATION FROM AN ACTUAL FIELD SURVEY CONDUCTED BY NITSCH ENGINEERING BETWEEN THE DATES OF APRIL 2018 AND JUNE 2018 AND SUPPLEMENTED BY AN ACTUAL FIELD SURVEY CONDUCTED BY VANESSE HANGEN BRUSTLIN, INC. IN SEPTEMBER 2021.
- THE HORIZONTAL CONTROL IS BASED ON THE MASSACHUSETTS MAINLAND STATE PLANE COORDINATE SYSTEM AND THE NATIONAL GEODETIC SURVEY (NAD83). ALL ELEVATION IS US FEET, REFERENCED TO THE NORTH AMERICA VERTICAL DATUM OF 1988 (NAVD88).
- THE CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND GRADES IN THE FIELD BEFORE COMMENCING WORK AND PROMPTLY NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
- THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
- WHERE AN EXISTING UTILITY IS FOUND TO 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.
- THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANIES.
- EXISTING UTILITY POLES WILL BE RELOCATED BY OTHERS IF REQUIRED.
- TREES AND SHRUBS WITHIN THE LIMITS OF GRADING SHALL BE REMOVED ONLY UPON APPROVAL OF THE ENGINEER UNLESS NOTED ON THE CONSTRUCTION DOCUMENTS.
- AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT NO EXPENSE TO THE OWNER.
- THE TERM "PROPOSED" (PROP) MEANS WORK TO BE CONSTRUCTED USING NEW MATERIALS OR, WHERE APPLICABLE, RE-USING EXISTING MATERIALS IDENTIFIED AS "REMOVE AND RESET" (R&R).
- ALL EXISTING SIGNS WITHIN THE PROJECT LIMITS SHALL BE RETAINED UNLESS INDICATED OTHERWISE ON THE DRAWINGS.
- ALL EXISTING STATE, COUNTY, CITY, AND TOWN LOCATION LINES AND PRIVATE PROPERTY LINES HAVE BEEN ESTABLISHED FROM AVAILABLE INFORMATION AND THEIR EXACT LOCATIONS ARE NOT GUARANTEED.
- DISPOSAL OF ALL SURPLUS MATERIAL SHALL BE AS APPROVED BY THE ENGINEER AND OWNER.
- ALL EXISTING RAILROAD BOUNDS, WITHIN THE LIMITS OF WORK, SHALL BE ADJUSTED TO FINISH GRADE. EXISTING BOUNDS WITHIN THE SHARED USE PATH PAVEMENT SHALL BE SET FLUSH WITH THE FINISH PAVEMENT SURFACE. ALL EXISTING DAMAGED BOUNDS SHALL BE REPLACED WITH NEW BOUNDS AND SET TO FINISH GRADE.

WAYLAND & SUDBURY
MASS CENTRAL RAIL TRAIL

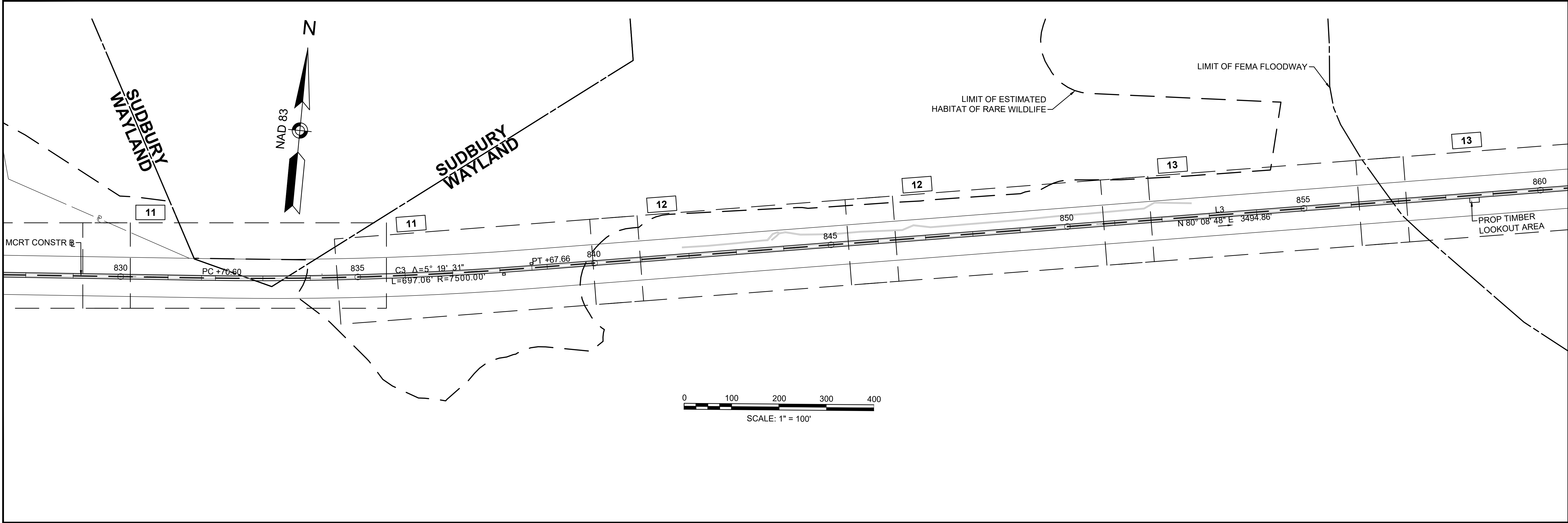
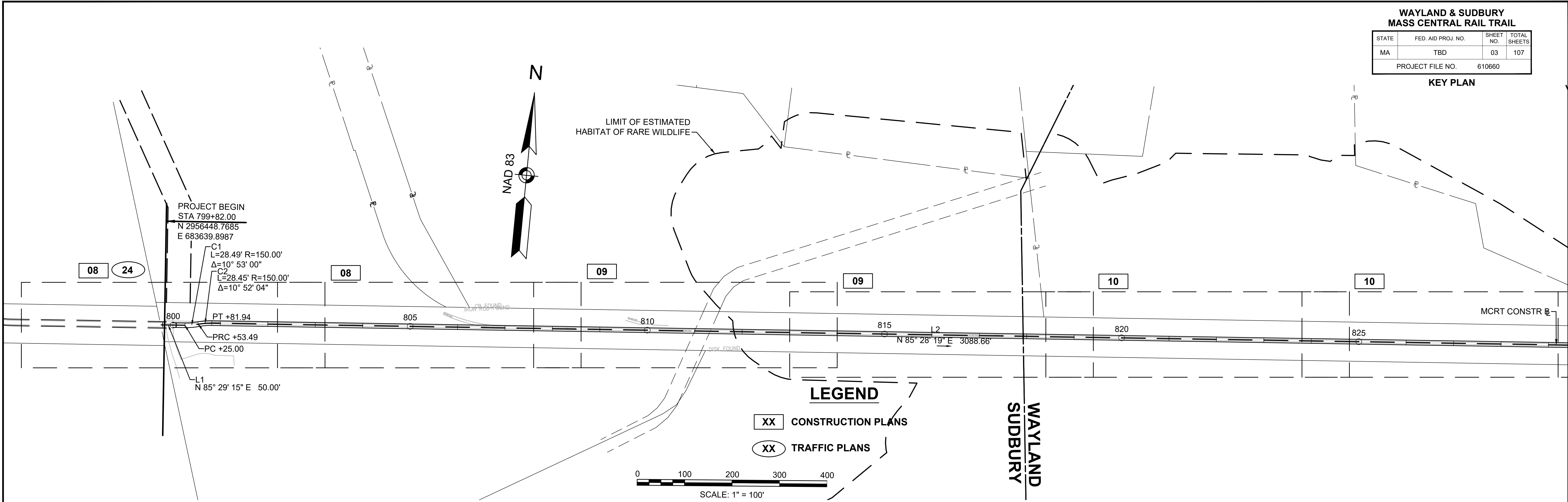
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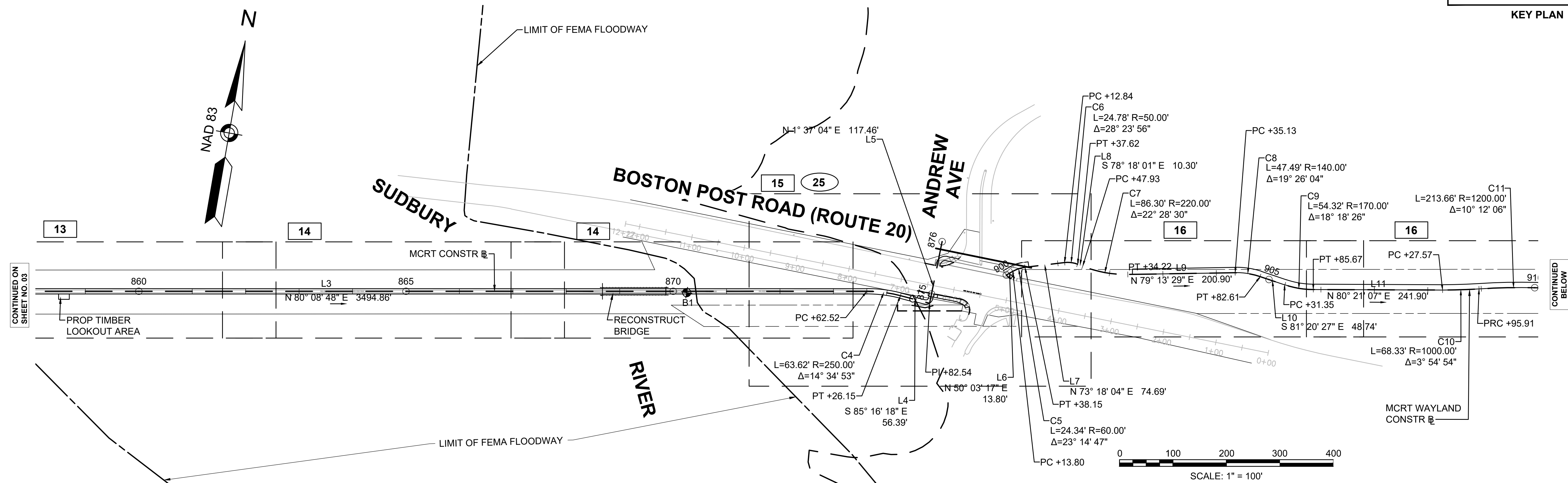
LEGEND & ABBREVIATIONS

WAYLAND & SUDBURY
MASS CENTRAL RAIL TRAIL

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KEY PLAN

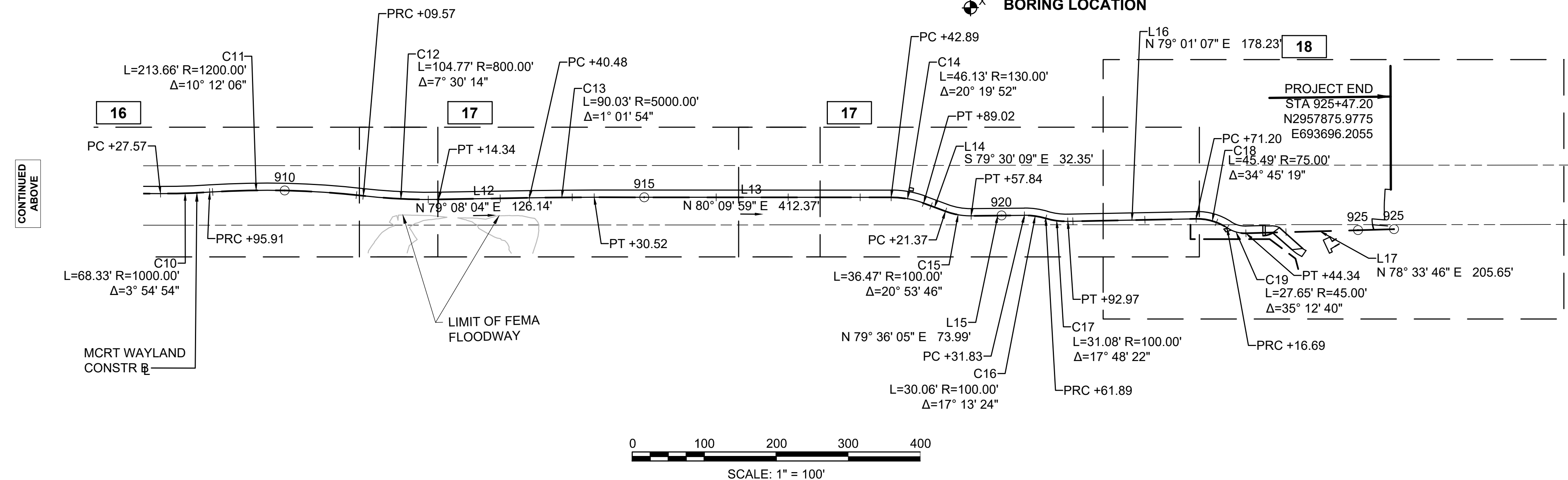


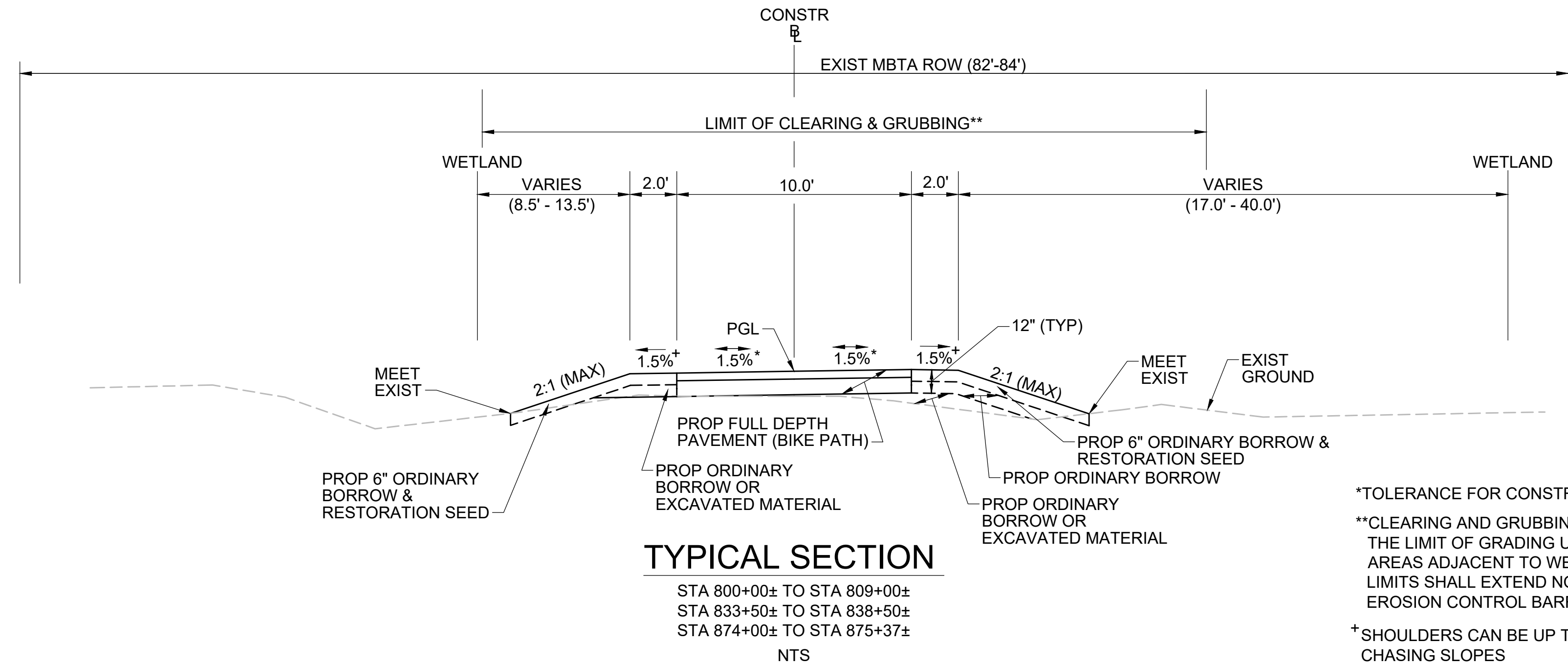
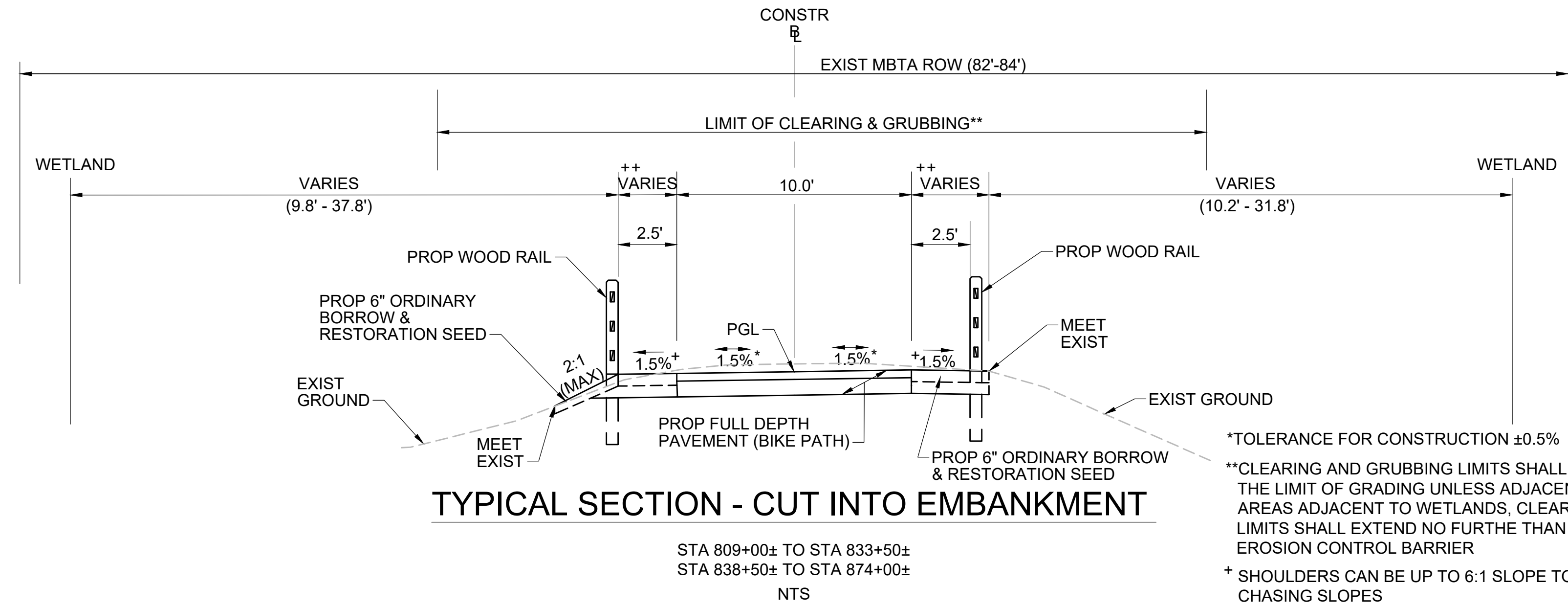
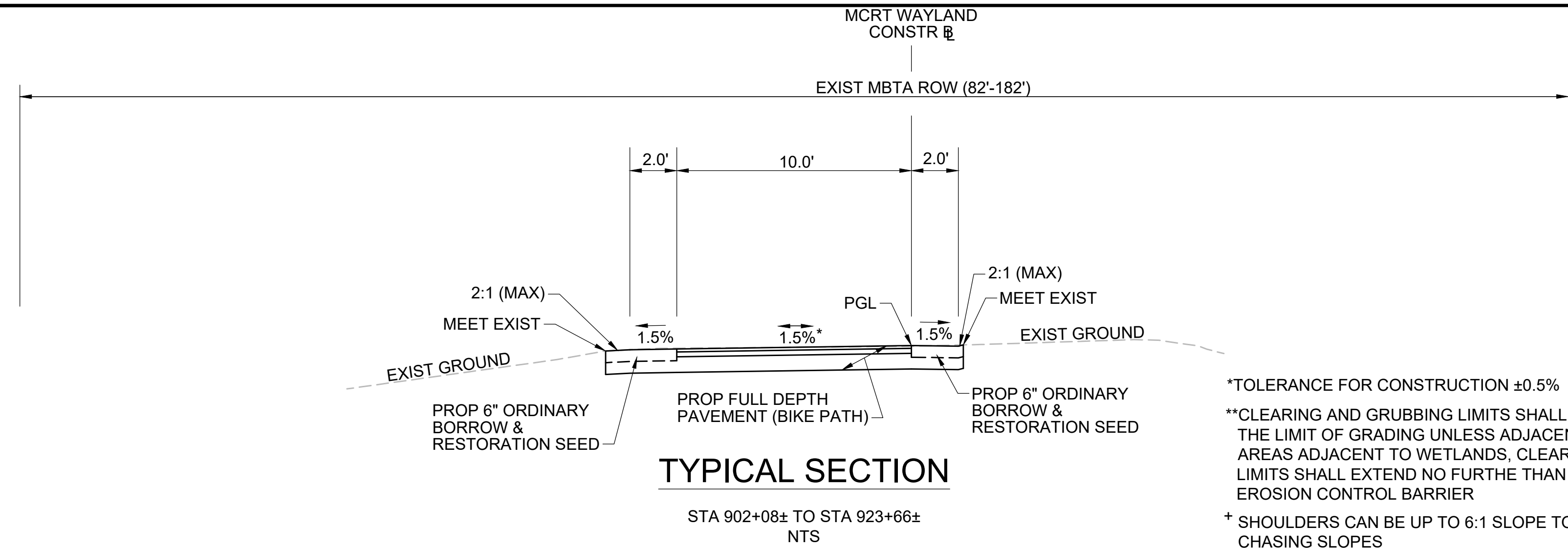


LEGEND

- XX CONSTRUCTION PLANS
- XX TRAFFIC PLANS
- XX BORING LOCATION

NOTES:
1) FOR BORING INFORMATION, SEE SHEETS 05





*TOLERANCE FOR CONSTRUCTION ±0.5%

**CLEARING AND GRUBBING LIMITS SHALL EXTEND 5 FEET BEYOND THE LIMIT OF GRADING UNLESS ADJACENT TO WETLANDS. IN AREAS ADJACENT TO WETLANDS, CLEARING AND GRUBBING LIMITS SHALL EXTEND NO FURTHER THAN THE PROPOSED EROSION CONTROL BARRIER

+ SHOULDERS CAN BE UP TO 6:1 SLOPE TO AVOID CHASING SLOPES

SEE CROSS SECTIONS FOR MORE INFORMATION

PAVEMENT NOTES

PROPOSED FULL DEPTH PAVEMENT (PATH)

SURFACE: 1.5" SUPERPAVE SURFACE COURSE - 9.5 (SSC - 9.5)

INTERMEDIATE: 2.5" SUPERPAVE INTERMEDIATE COURSE - 19.0 (SIC - 19.0)

** SUBBASE: 4-8" GRAVEL BORROW, TYPE b
LEVELING COURSE AS A BASE OVER EXIST BALLAST

*NOTE:
EXIST GRAVEL/BALLAST SUBGROUND MATERIAL DETERMINED BY THE ENGINEER TO BE SUITABLE SHALL REMAIN. THE DEPTH OF THE GRAVEL BORROW WILL BE AS REQUIRED BASED ON THE PROPOSED SUB-BASE ELEVATIONS.

AFTER REMOVAL OF STEEL RAILS AND WOOD TIMBER, ROUGH GRADE AND COMPACT SUBGROUND AREA. THEN PLACE AND COMPACT GRAVEL BORROW SUB-BASE MATERIAL IN MULTIPLE LIFTS.

PROPOSED CEMENT CONCRETE WHEELCHAIR RAMP

SURFACE: 4" CEMENT CONCRETE
AIR ENTRAINED 4000 PSI, 3/4", 610

** SUBBASE: 8" GRAVEL BORROW, TYPE b

PROPOSED CEMENT CONCRETE SIDEWALK

SURFACE: 4" CEMENT CONCRETE
AIR ENTRAINED 4000 PSI, 3/4", 610

** SUBBASE: 8" GRAVEL BORROW, TYPE b

** PER SECTION 170.60, WHERE GRAVEL BORROW FOR SUBBASE IS SPECIFIED, IF THE EXISTING MATERIAL, AFTER TESTING, IS FOUND TO COMPLY WITH THE REQUIREMENTS OF M1.03.0. GRAVEL BORROW, THE MATERIAL SHALL REMAIN IN PLACE IF APPROVED BY THE ENGINEER.

- GENERAL NOTES:
- ALL HOT MIX ASPHALT PAVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 450 QUALITY ASSURANCE FOR HMA.
 - ASPHALT EMULSION FOR TACK COAT (ITEM 452.) SHALL BE SPRAY APPLIED FOR TRIPLE OVERLAP COVERAGE IN ACCORDANCE WITH SUBSECTION 450.43 (G) OF THE STANDARD SPECIFICATIONS.
 - HMA JOINT SEALANT (ITEM 453.) SHALL BE APPLIED IN SURFACE COURSE AT ALL VERTICAL COLD JOINTS PRIOR TO HMA PAVING.
 - ALL HOT MIX ASPHALT WALKS AND DRIVEWAYS SHALL BE ESTIMATED AND PAID FOR UNDER ITEM 702. OF STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES.
 - SURFACE PAVING TO BE COMPLETED AT THE END OF THE PROJECT AND AS DIRECTED WHEN IT CAN BE PLACED IN ITS ENTIRETY.
 - IN LOCATIONS OF STANDARD MILLING & OVERLAY, INTERMEDIATE COURSE IS TO BE OVERLAID WITHIN 48 HOURS TO PROTECT THE MILLED SURFACE.

HIGHWAY GUARD DETAILS
SEE BELOW

TRAFFIC SIGNAL CONDUIT
NONE

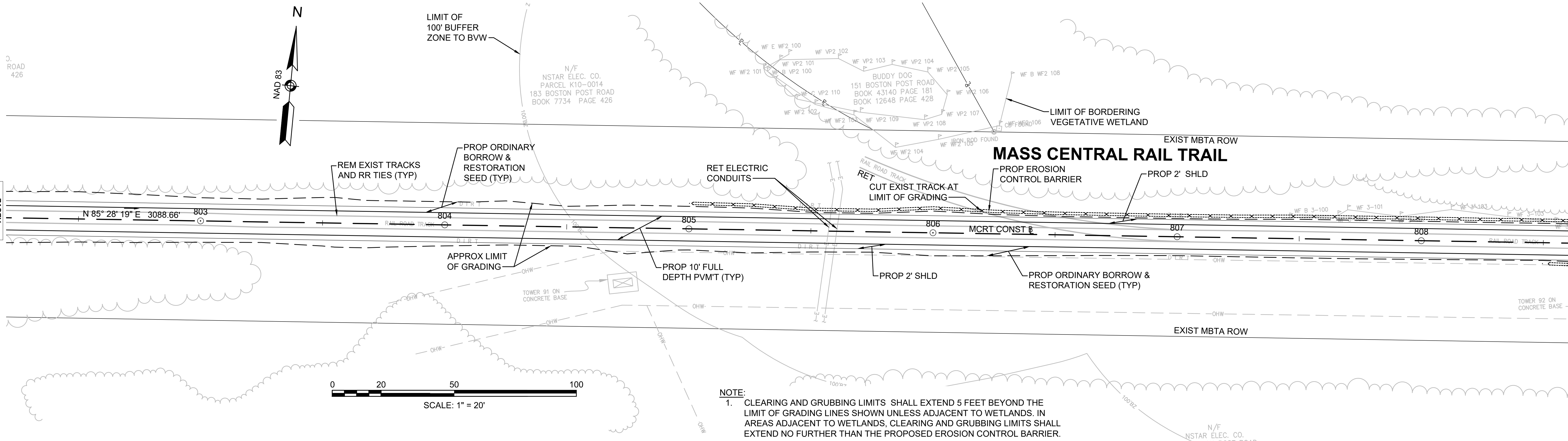
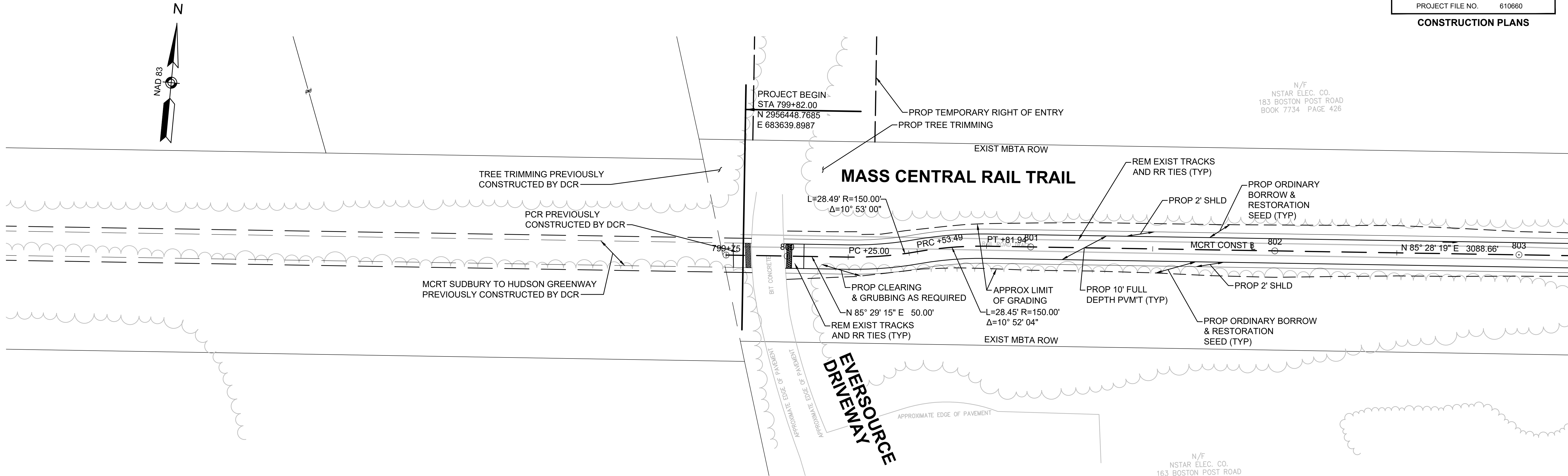
WATER SUPPLY ALTERATIONS
NONE

DRAINAGE DETAILS
NONE

WAYLAND & SUDBURY
MASS CENTRAL RAIL TRAIL

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CONSTRUCTION PLANS



HIGHWAY GUARD DETAILS
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NONE

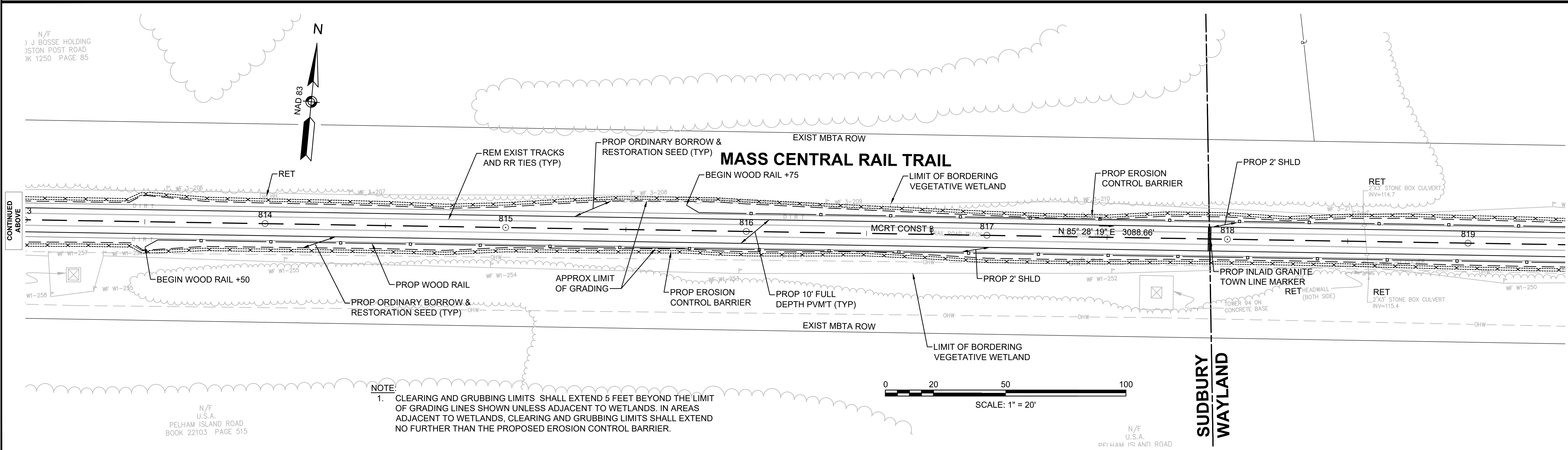
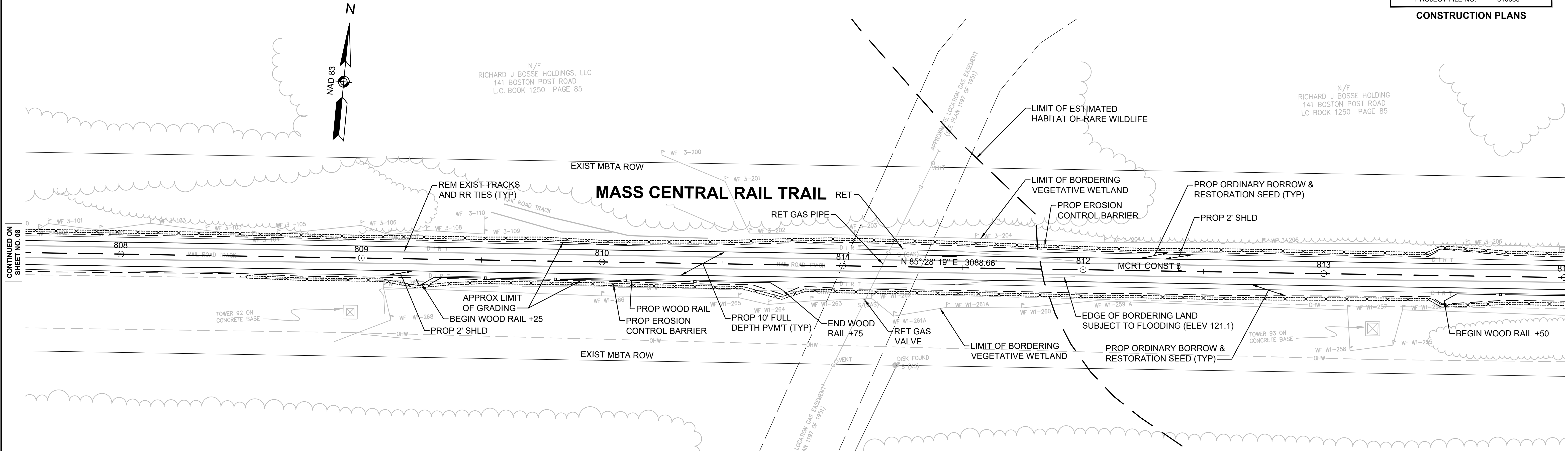
WATER SUPPLY ALTERATIONS
NONE

DRAINAGE DETAILS
NONE

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HIGHWAY GUARD DETAILS
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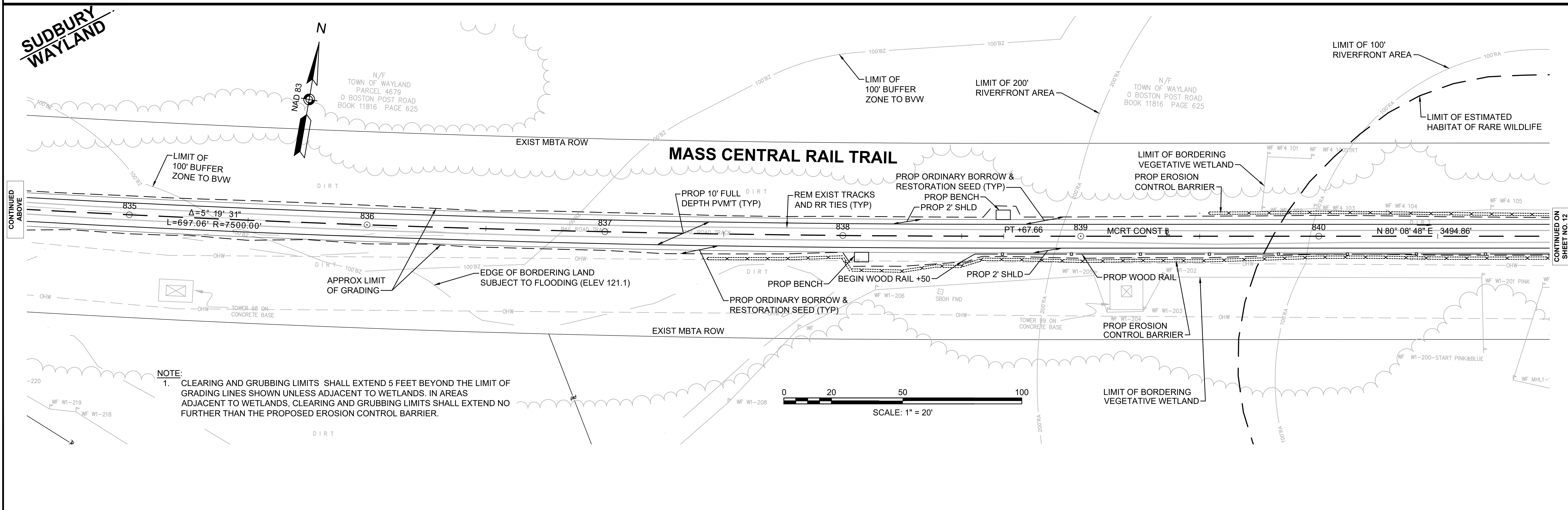
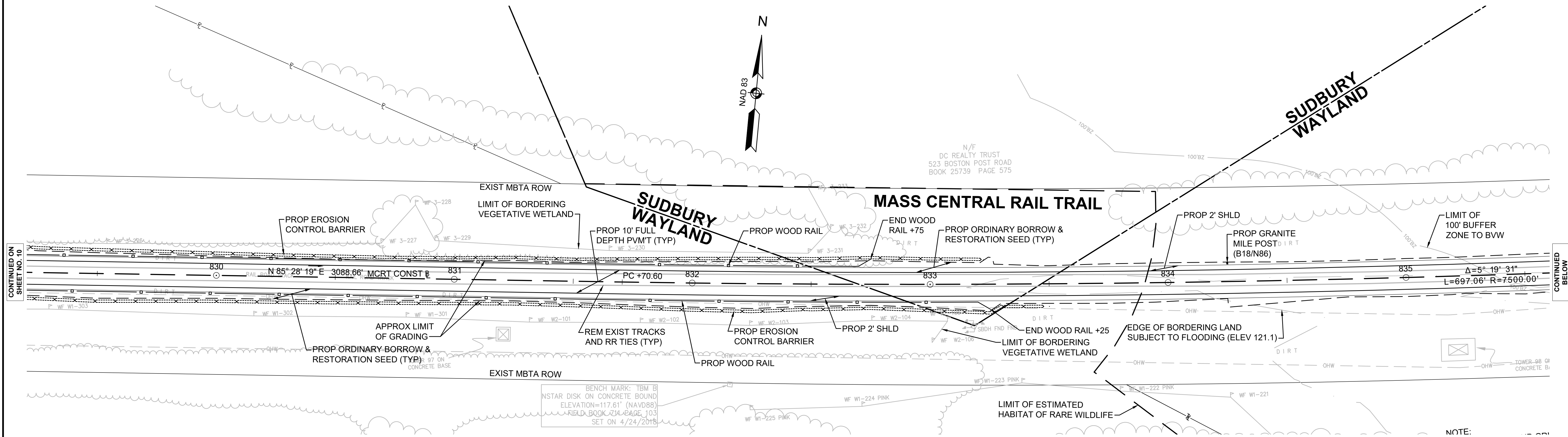
WATER SUPPLY ALTERATIONS
NONE

DRAINAGE DETAILS
NONE

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MASS CENTRAL RAIL TRAIL

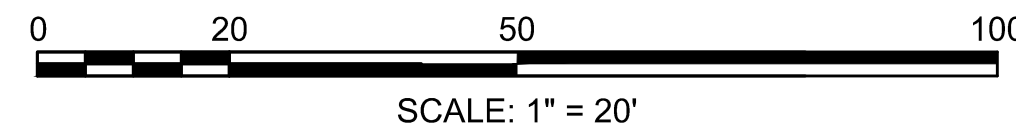
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CONSTRUCTION PLANS



NOTE:

1. CLEARING AND GRUBBING LIMITS SHALL EXTEND 5 FEET BEYOND THE LIMIT OF GRADING LINES SHOWN UNLESS ADJACENT TO WETLANDS. IN AREAS ADJACENT TO WETLANDS, CLEARING AND GRUBBING LIMITS SHALL EXTEND NO FURTHER THAN THE PROPOSED EROSION CONTROL BARRIER.



HIGHWAY GUARD DETAILS
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TRAFFIC SIGNAL CONDUIT
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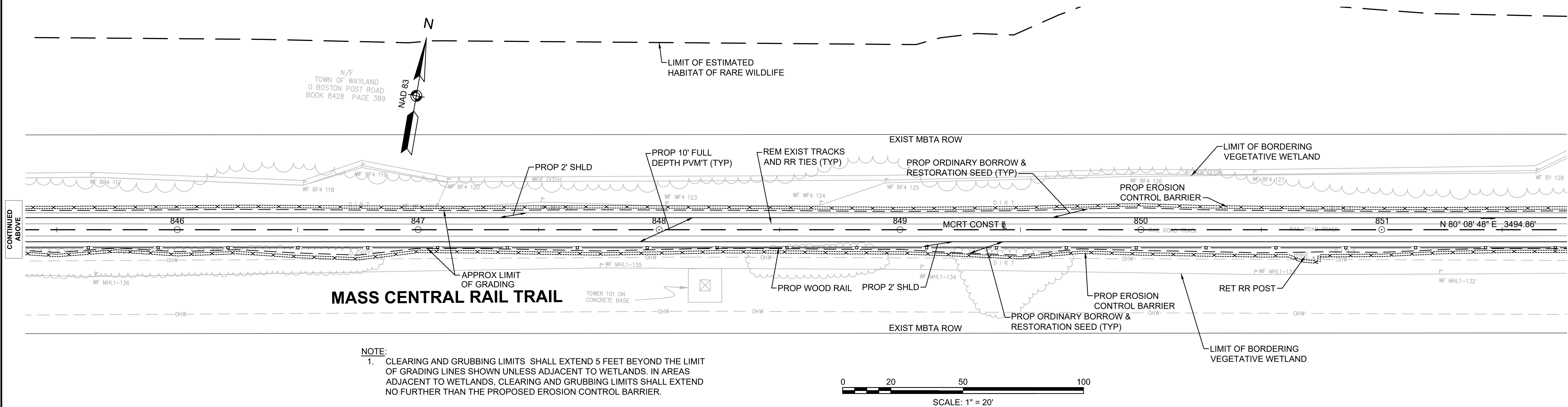
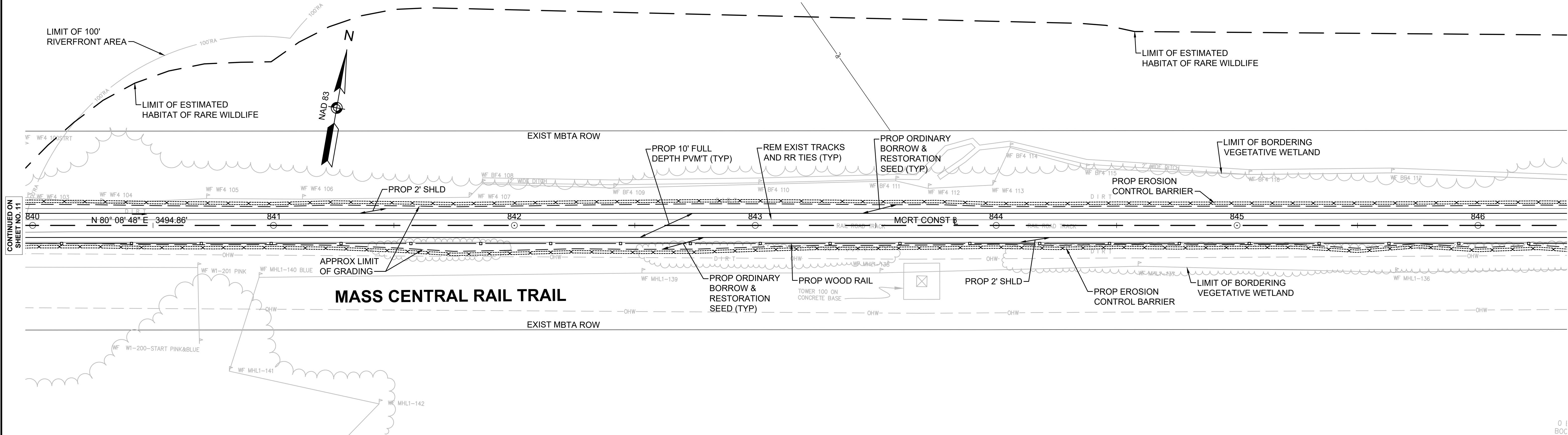
WATER SUPPLY ALTERATIONS
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DRAINAGE DETAILS
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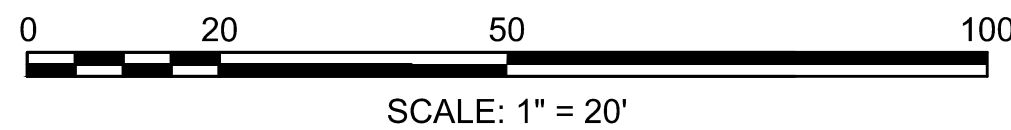
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BOOK 11646 PAGE 313

HIGHWAY GUARD DETAILS
SEE BELOW

TRAFFIC SIGNAL CONDUIT
NONE

WATER SUPPLY ALTERATIONS
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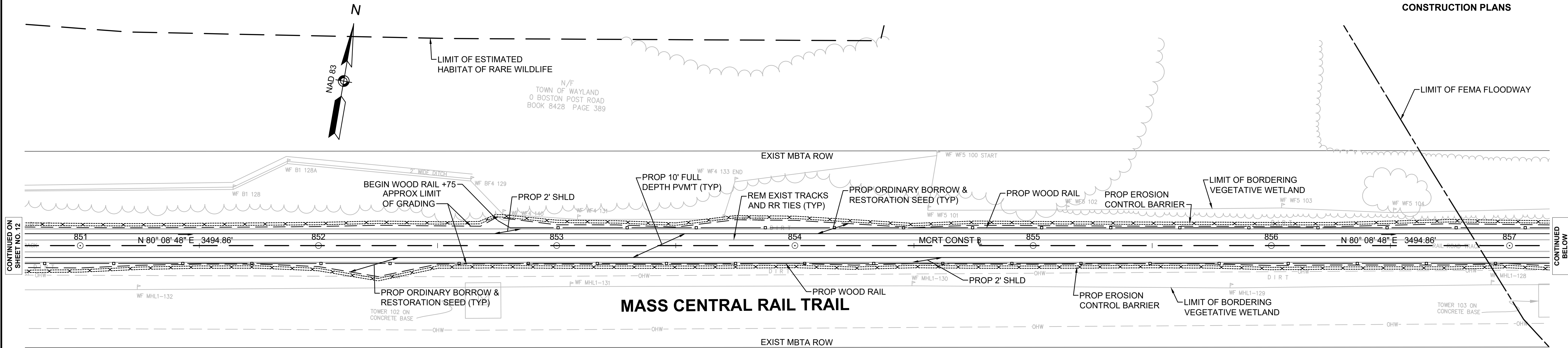
DRAINAGE DETAILS
NONE

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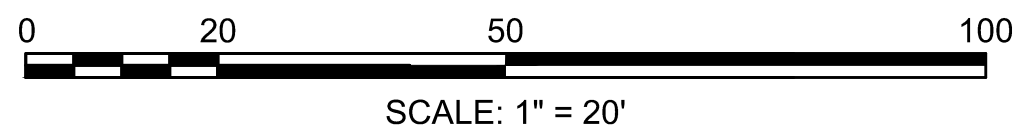
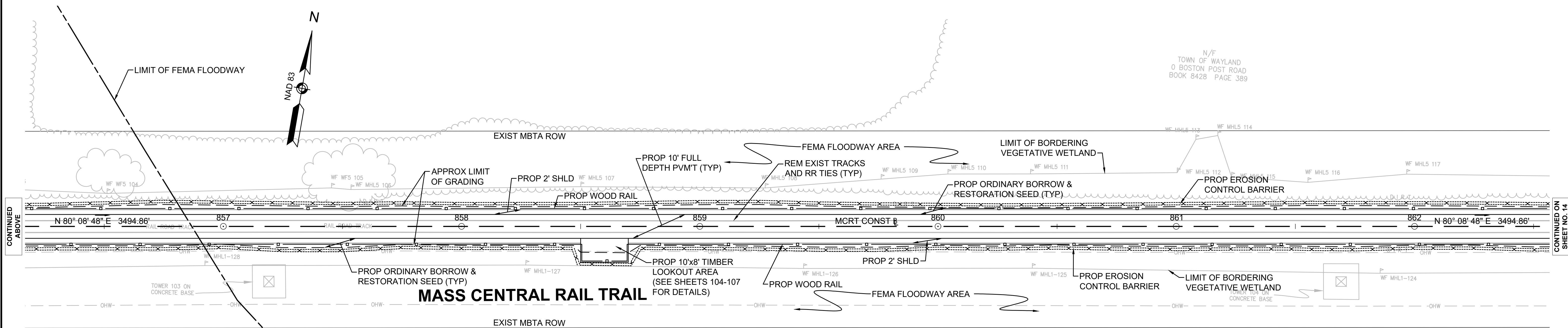
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BOOK 11646 PAGE 313



NOTE:
1. CLEARING AND GRUBBING LIMITS SHALL EXTEND 5 FEET BEYOND THE LIMIT OF GRADING LINES SHOWN UNLESS ADJACENT TO WETLANDS. IN AREAS ADJACENT TO WETLANDS, CLEARING AND GRUBBING LIMITS SHALL EXTEND NO FURTHER THAN THE PROPOSED EROSION CONTROL BARRIER.

N/F
U.S.A.
0 BOSTON POST ROAD
BOOK 11646 PAGE 313

HIGHWAY GUARD DETAILS
SEE BELOW

TRAFFIC SIGNAL CONDUIT
NONE

WATER SUPPLY ALTERATIONS
NONE

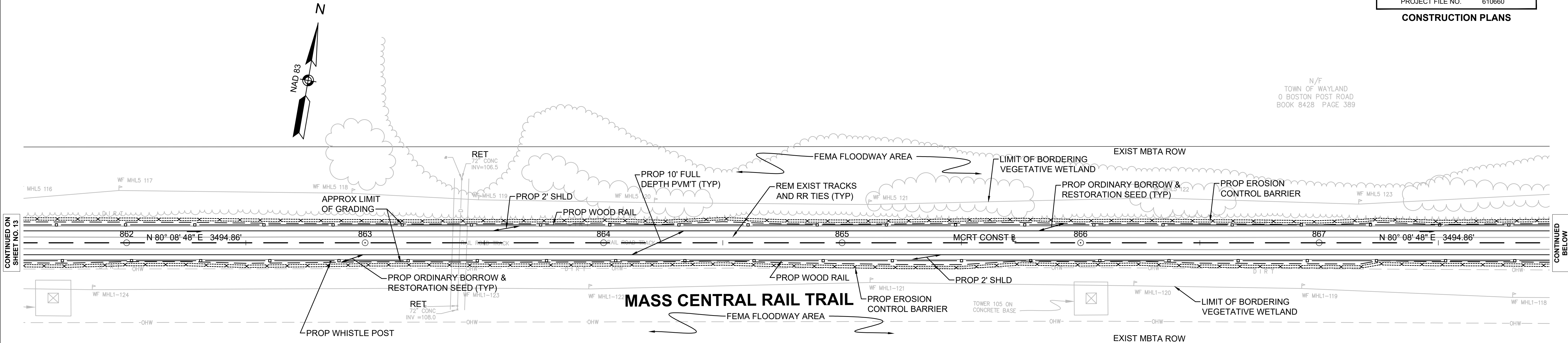
DRAINAGE DETAILS
NONE

WAYLAND & SUDBURY
MASS CENTRAL RAIL TRAIL

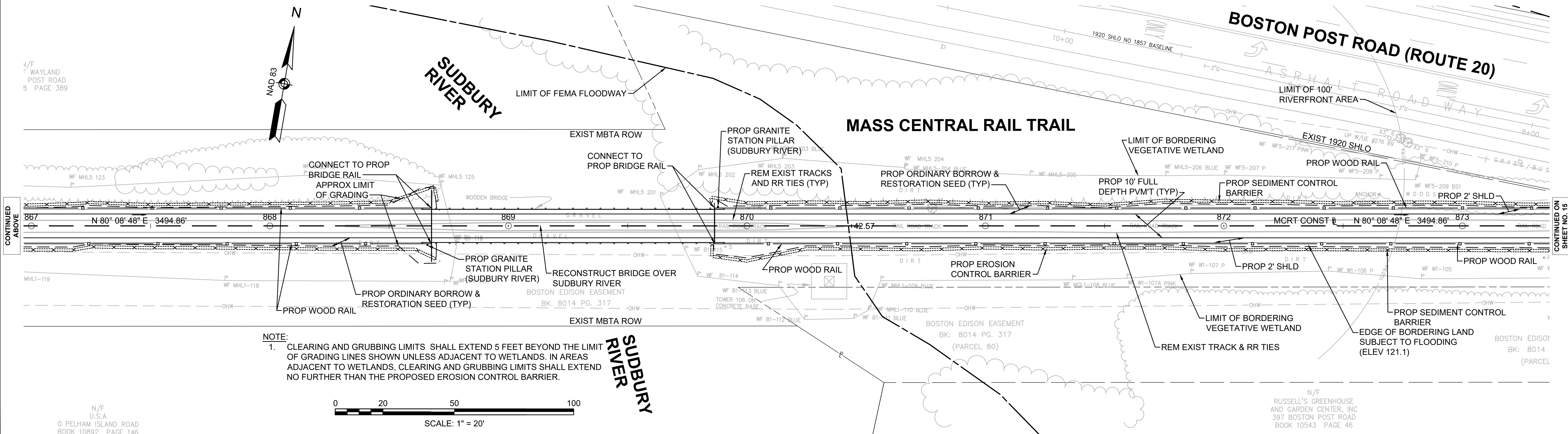
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TBD	14	107
PROJECT FILE NO.		610660	

CONSTRUCTION PLANS

N/F
TOWN OF WAYLAND
0 BOSTON POST ROAD
BOOK 8428 PAGE 389



N/F
U.S.A.
0 PELHAM ISLAND ROAD
BOOK 10892 PAGE 146



NOTE:
1. CLEARING AND GRUBBING LIMITS SHALL EXTEND 5 FEET BEYOND THE LIMIT OF GRADING LINES SHOWN UNLESS ADJACENT TO WETLANDS. IN AREAS ADJACENT TO WETLANDS, CLEARING AND GRUBBING LIMITS SHALL EXTEND NO FURTHER THAN THE PROPOSED EROSION CONTROL BARRIER.

0 20 50 100
SCALE: 1" = 20'

N/F
U.S.A.
0 PELHAM ISLAND ROAD
BOOK 10892 PAGE 146

N/F
RUSSELL'S GREENHOUSE
AND GARDEN CENTER, INC
397 BOSTON POST ROAD
BOOK 10543 PAGE 46

HIGHWAY GUARD DETAILS
SEE BELOW

TRAFFIC SIGNAL CONDUIT
NONE

WATER SUPPLY ALTERATIONS
NONE

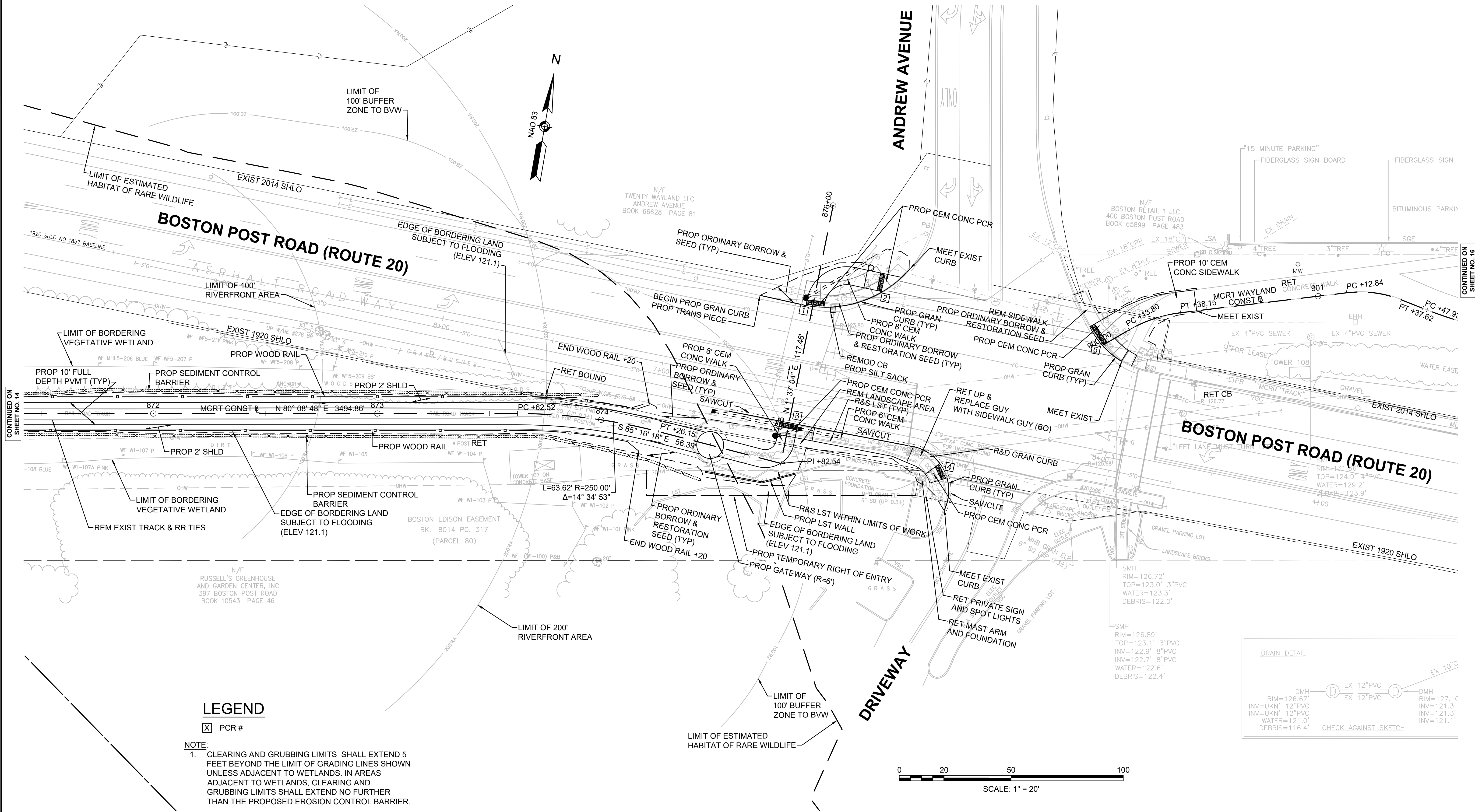
DRAINAGE DETAILS
SEE BELOW

TRAFFIC PLANS
SEE SHEET NO. 25

WAYLAND & SUDBURY
MASS CENTRAL RAIL TRAIL

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TBD	15	107
PROJECT FILE NO.		610660	

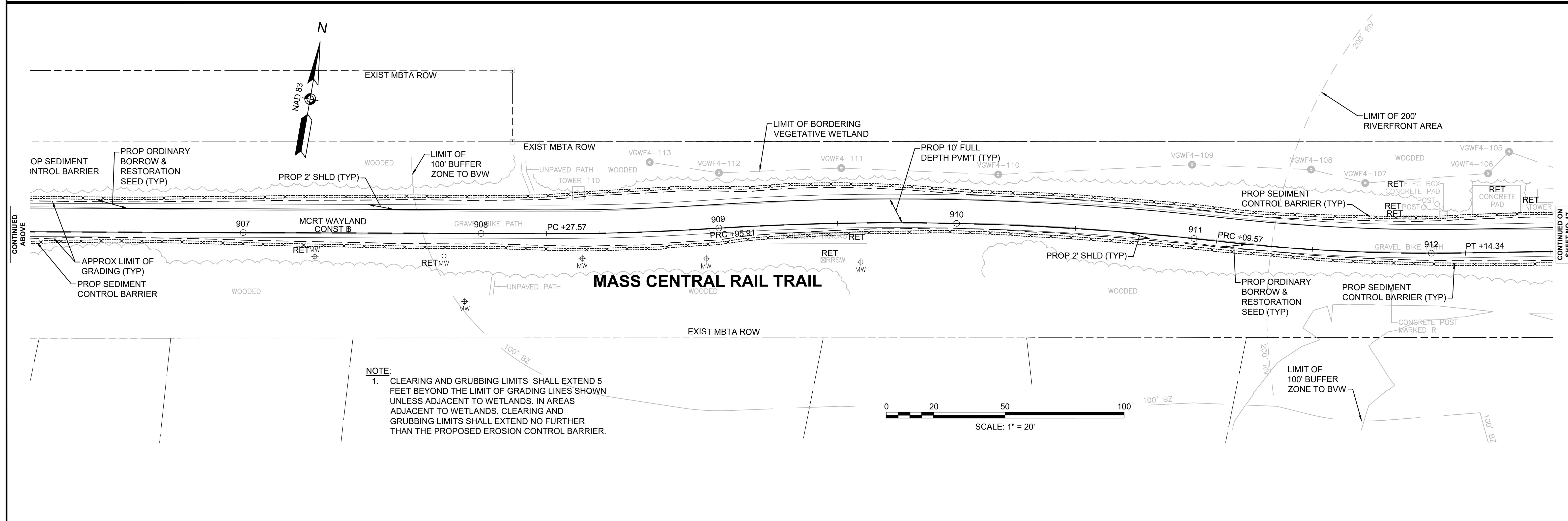
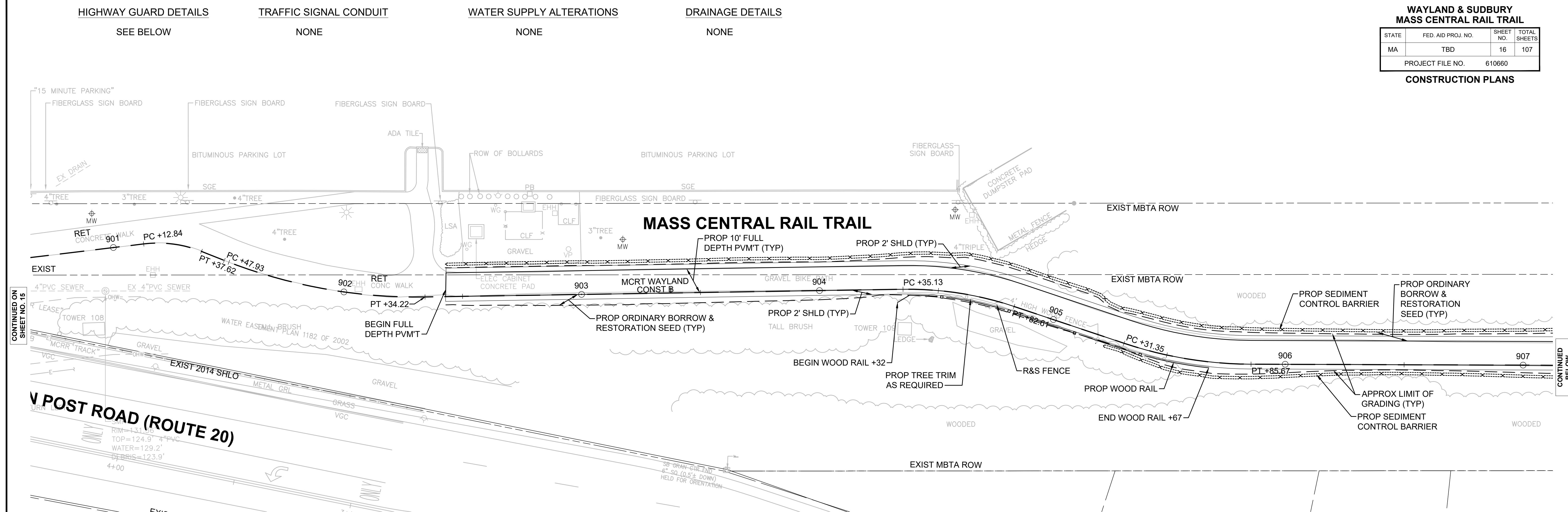
CONSTRUCTION PLANS

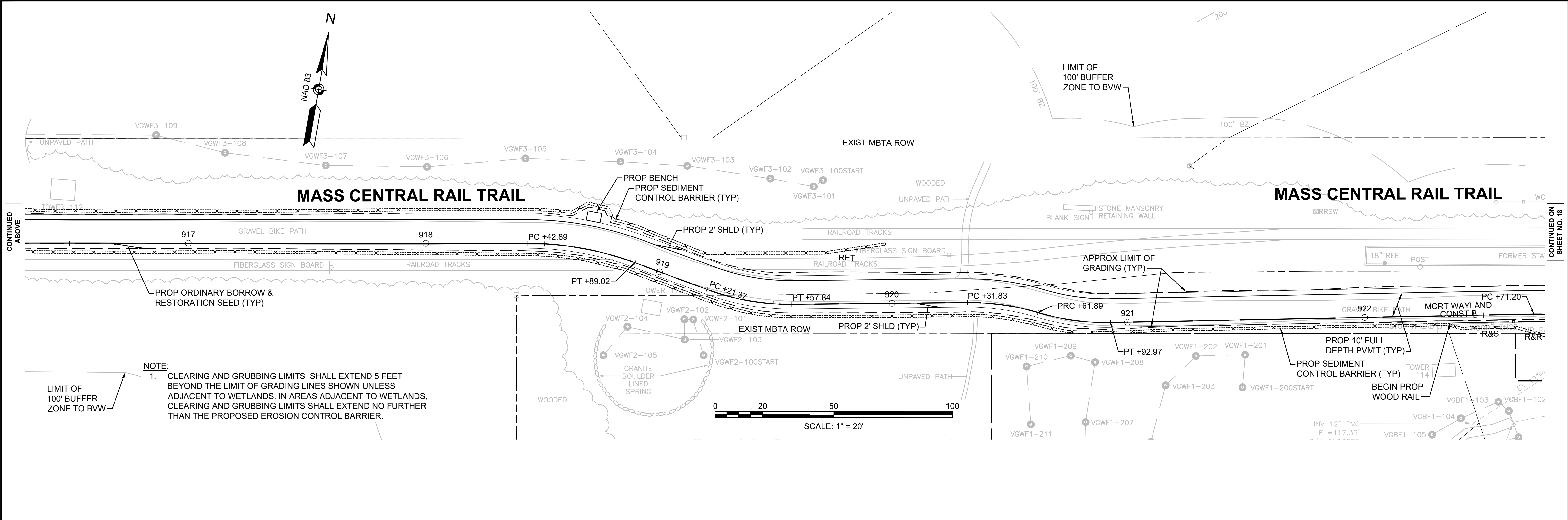
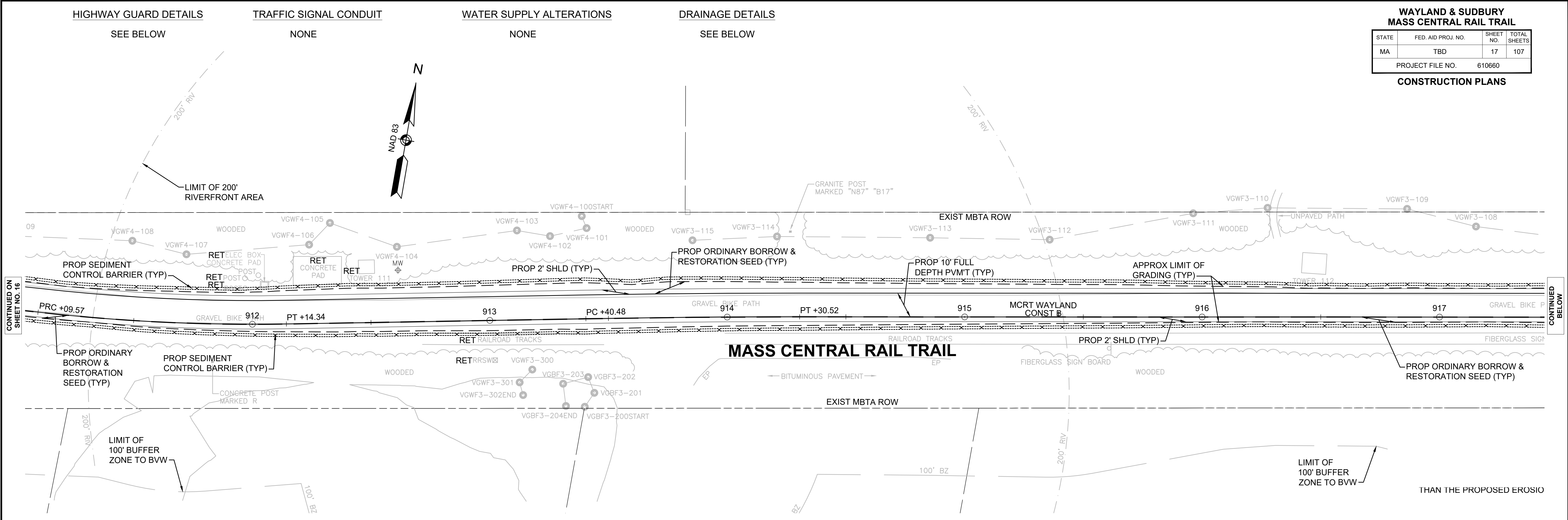


**WAYLAND & SUDBURY
MASS CENTRAL RAIL TRAIL**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEET
MA	TBD	16	107
PROJECT FILE NO.		610660	

CONSTRUCTION PLANS





NOTE:
1. CLEARING AND GRUBBING LIMITS SHALL EXTEND 5 FEET BEYOND THE LIMIT OF GRADING LINES SHOWN UNLESS ADJACENT TO WETLANDS. IN AREAS ADJACENT TO WETLANDS, CLEARING AND GRUBBING LIMITS SHALL EXTEND NO FURTHER THAN THE PROPOSED EROSION CONTROL BARRIER.

SEE BELOW

NONE

NONE

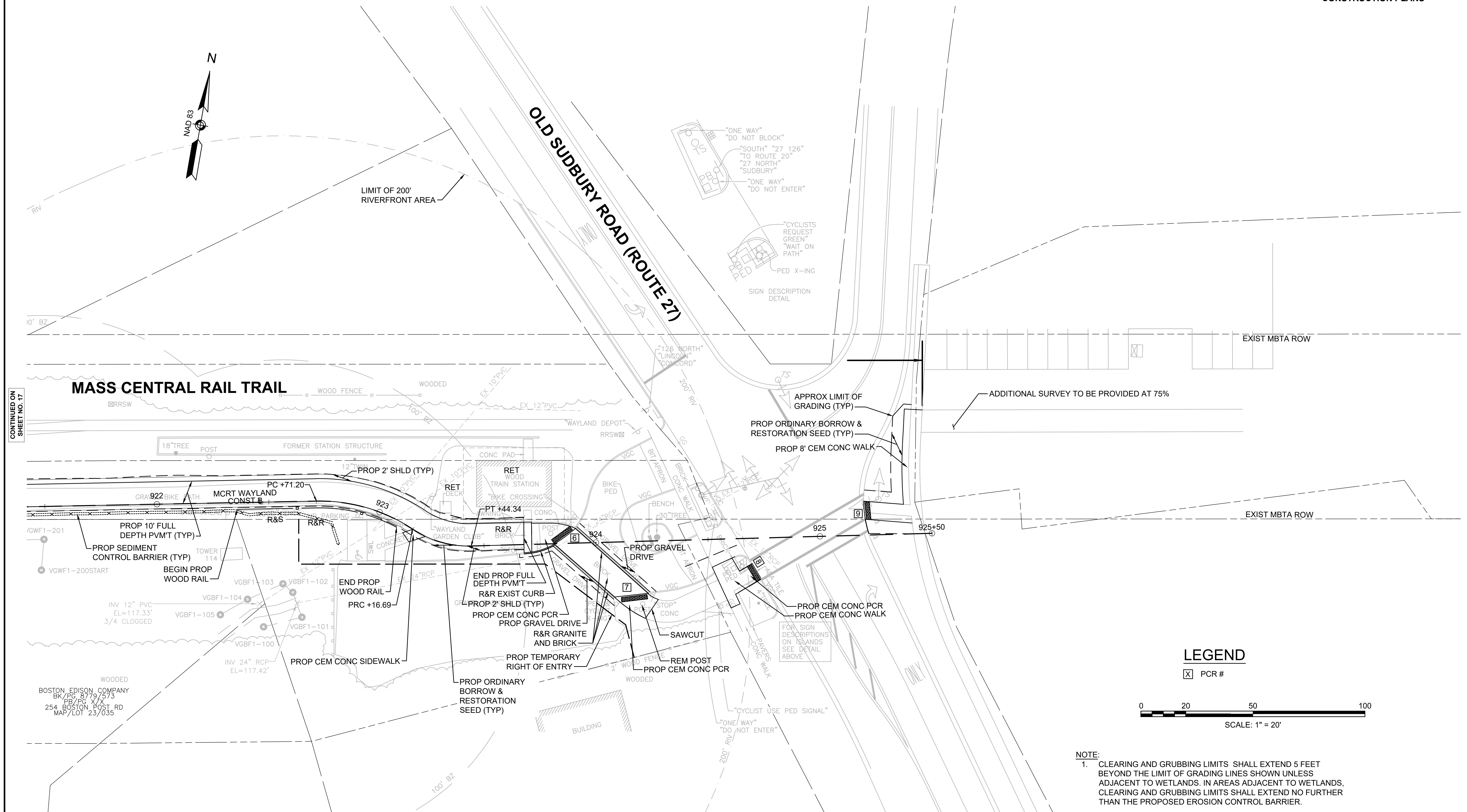
NONE

SEE SHEET NO. 29

**WAYLAND & SUDBURY
MASS CENTRAL RAIL TRAIL**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TBD	18	107
PROJECT FILE NO.		610660	

CONSTRUCTION PLANS



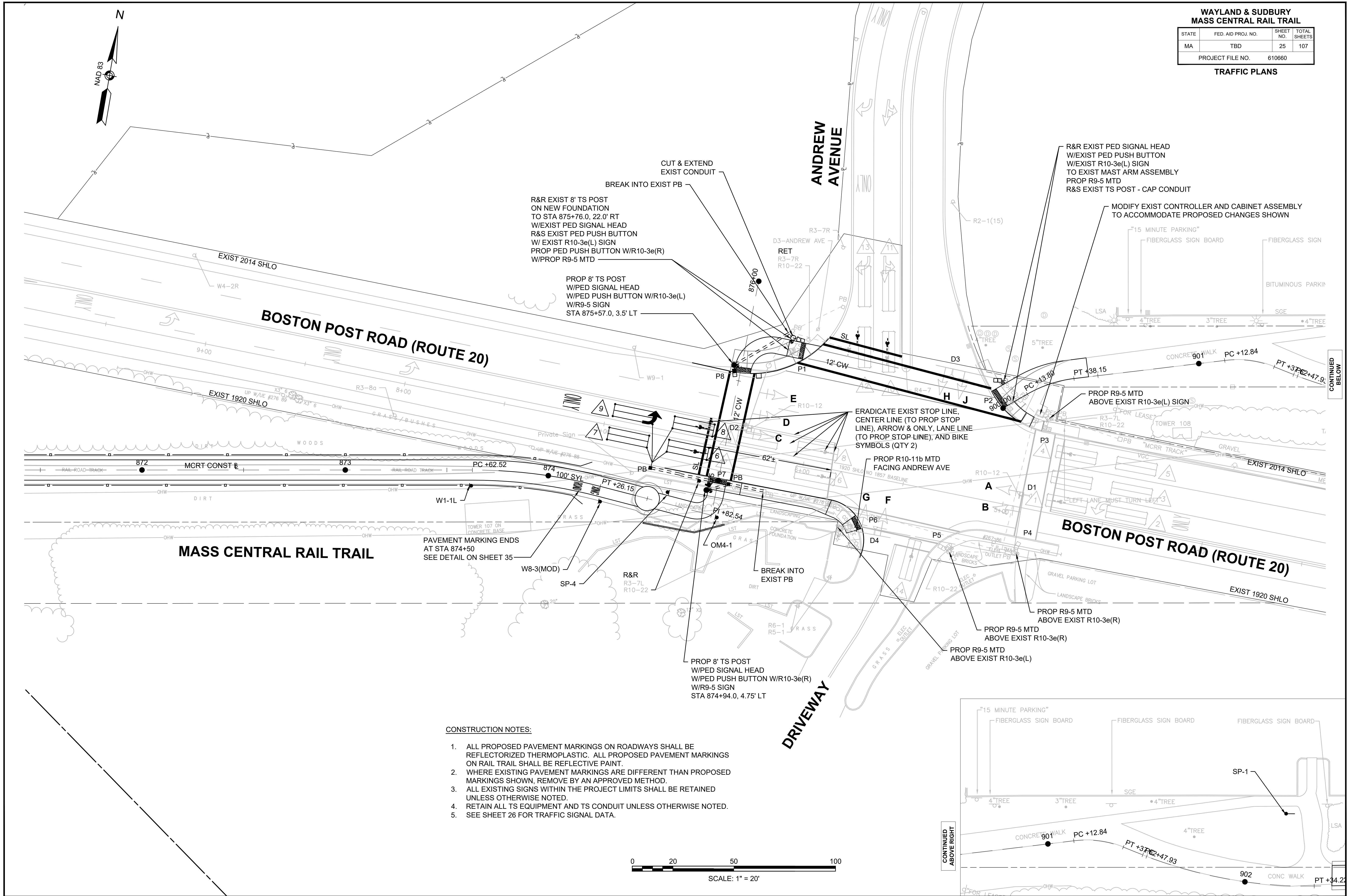
NOTE:

1. CLEARING AND GRUBBING LIMITS SHALL EXTEND 5 FEET BEYOND THE LIMIT OF GRADING LINES SHOWN UNLESS ADJACENT TO WETLANDS. IN AREAS ADJACENT TO WETLANDS, CLEARING AND GRUBBING LIMITS SHALL EXTEND NO FURTHER THAN THE PROPOSED EROSION CONTROL BARRIER.

WAYLAND & SUDBURY
MASS CENTRAL RAIL TRAIL

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	TBD	25	107
PROJECT FILE NO.		610660	

TRAFFIC PLANS



CONSTRUCTION NOTES:

1. ALL PROPOSED PAVEMENT MARKINGS ON ROADWAYS SHALL BE REFLECTORIZED THERMOPLASTIC. ALL PROPOSED PAVEMENT MARKINGS ON RAIL TRAIL SHALL BE REFLECTIVE PAINT.
2. WHERE EXISTING PAVEMENT MARKINGS ARE DIFFERENT THAN PROPOSED MARKINGS SHOWN, REMOVE BY AN APPROVED METHOD.
3. ALL EXISTING SIGNS WITHIN THE PROJECT LIMITS SHALL BE RETAINED UNLESS OTHERWISE NOTED.
4. RETAIN ALL TS EQUIPMENT AND TS CONDUIT UNLESS OTHERWISE NOTED.
5. SEE SHEET 26 FOR TRAFFIC SIGNAL DATA.

0 20 50 100
SCALE: 1" = 20'