STEEL W BEAM HIGHWAY GUARD
NONE

DRAINAGE DETAILS
SEE BELOW

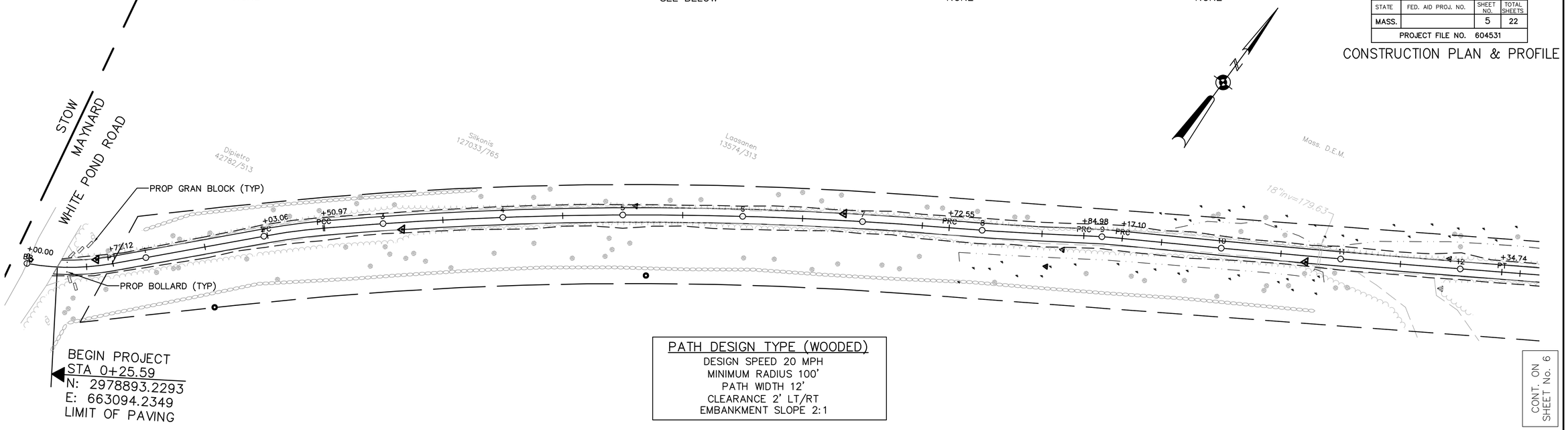
WATER SUPPLY ALTERATIONS
NONE

TRAFFIC SIGNAL CONDUIT
NONE

MAYNARD–ACTON
ASSABET RIVER RAIL TRAIL

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MASS.		5	22
PROJECT FILE NO. 604531			

CONSTRUCTION PLAN & PROFILE



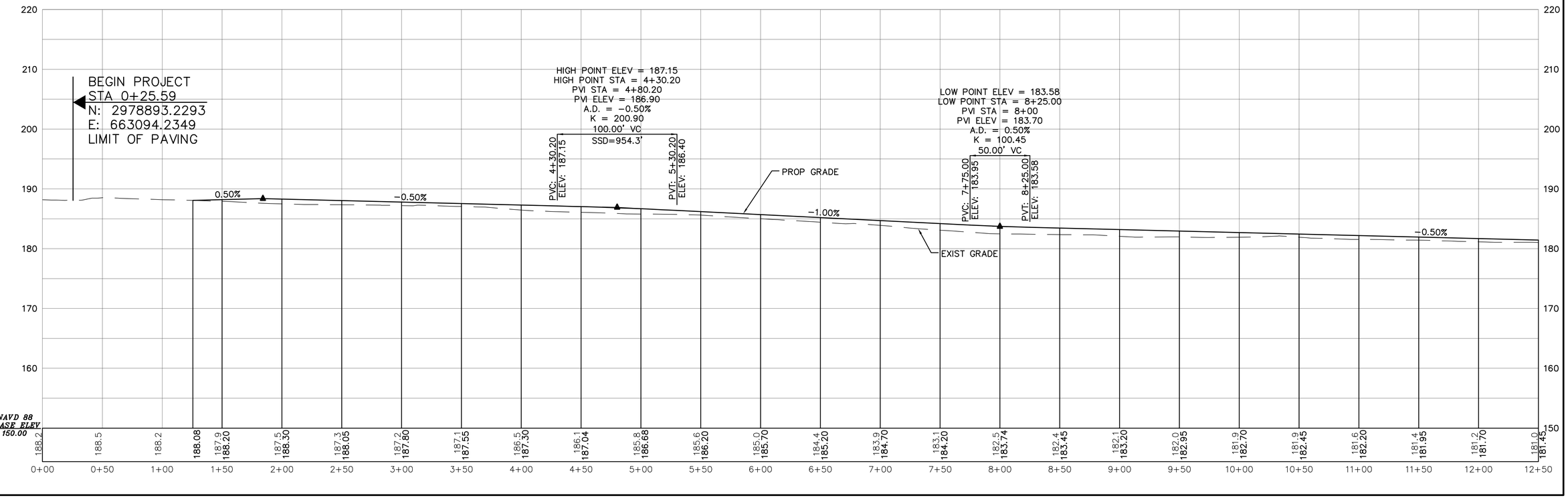
BEGIN PROJECT
STA 0+25.59
N: 2978893.2293
E: 663094.2349
LIMIT OF PAVING

PATH DESIGN TYPE (WOODED)
DESIGN SPEED 20 MPH
MINIMUM RADIUS 100'
PATH WIDTH 12'
CLEARANCE 2' LT/RT
EMBANKMENT SLOPE 2:1

CONT. ON SHEET No. 6

HOR SCALE 1:40
40 0 40 80
8 0 8 16
VERT SCALE 1:8
SCALE IN FEET

FOR PROFILE SEE BELOW



L:\work\101221\CAD\50% Design\Models\Gen 10-15-12.dwg 10/15/2012 1:34:46 PM EST

STEEL W BEAM HIGHWAY GUARD
NONE

DRAINAGE DETAILS
NONE

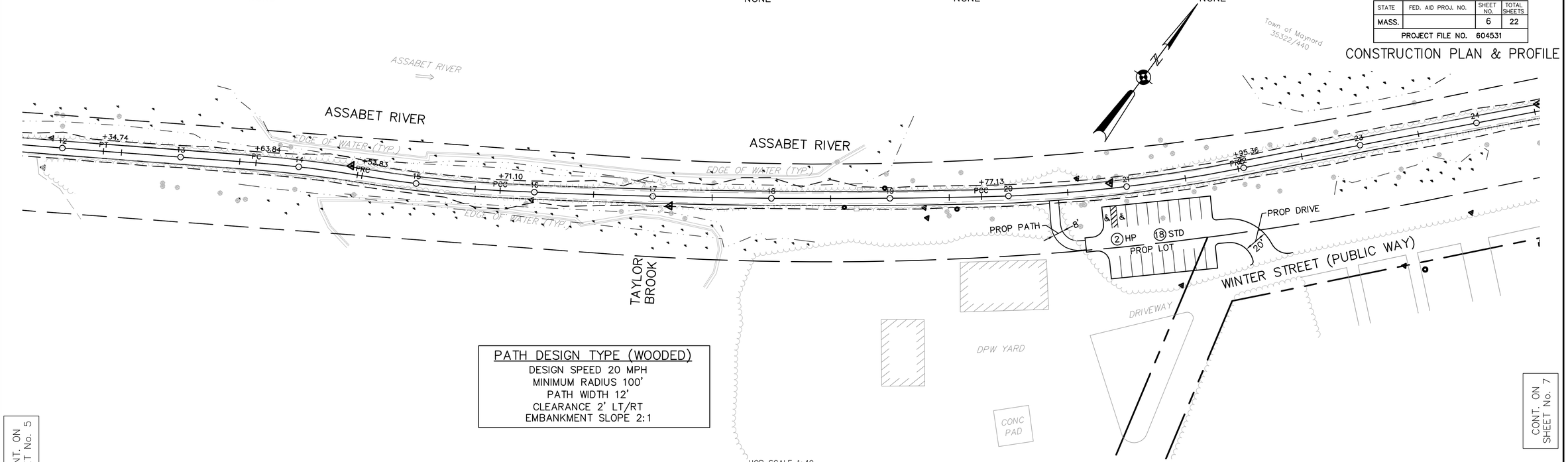
WATER SUPPLY ALTERATIONS
NONE

TRAFFIC SIGNAL CONDUIT
NONE

MAYNARD–ACTON
ASSABET RIVER RAIL TRAIL

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MASS.		6	22
PROJECT FILE NO. 604531			

CONSTRUCTION PLAN & PROFILE



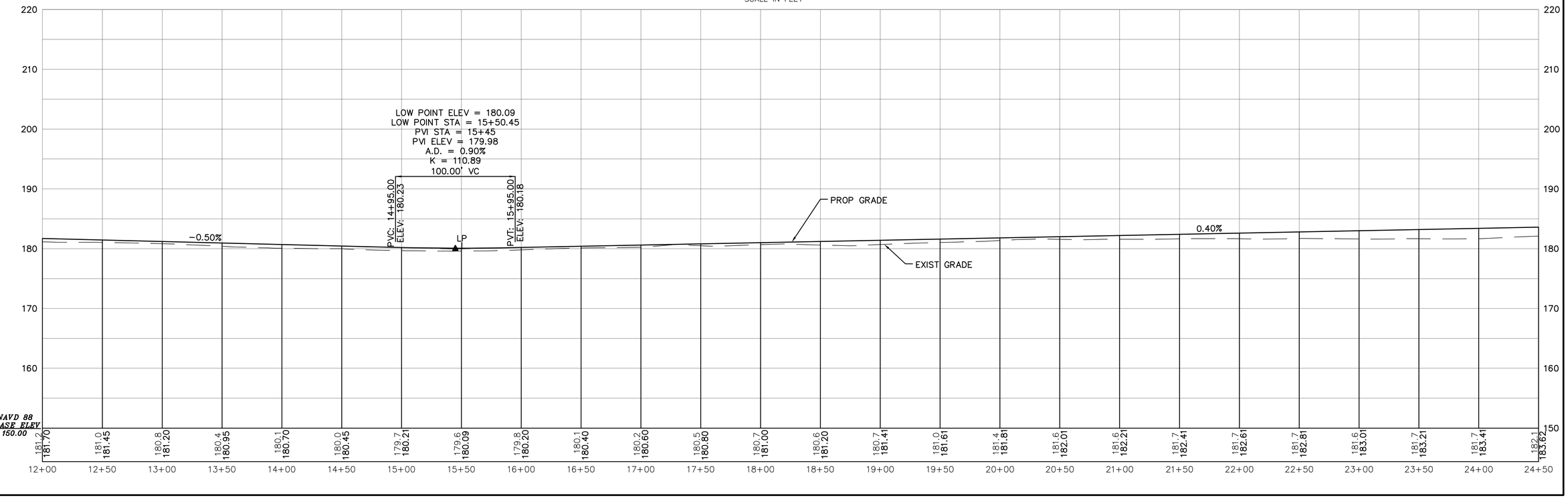
CONT. ON SHEET No. 5

CONT. ON SHEET No. 7

PATH DESIGN TYPE (WOODED)
DESIGN SPEED 20 MPH
MINIMUM RADIUS 100'
PATH WIDTH 12'
CLEARANCE 2' LT/RT
EMBANKMENT SLOPE 2:1

HOR SCALE 1:40
40 0 40 80
8 0 8 16
VERT SCALE 1:8
SCALE IN FEET

FOR PROFILE SEE BELOW



L:\work\101221\CAD\50% Design\Models\Gen 10-15-12.dwg 10/15/2012 1:34:46 PM EST

STEEL W BEAM HIGHWAY GUARD

DRAINAGE DETAILS

NONE

WATER SUPPLY ALTERATIONS

NONE

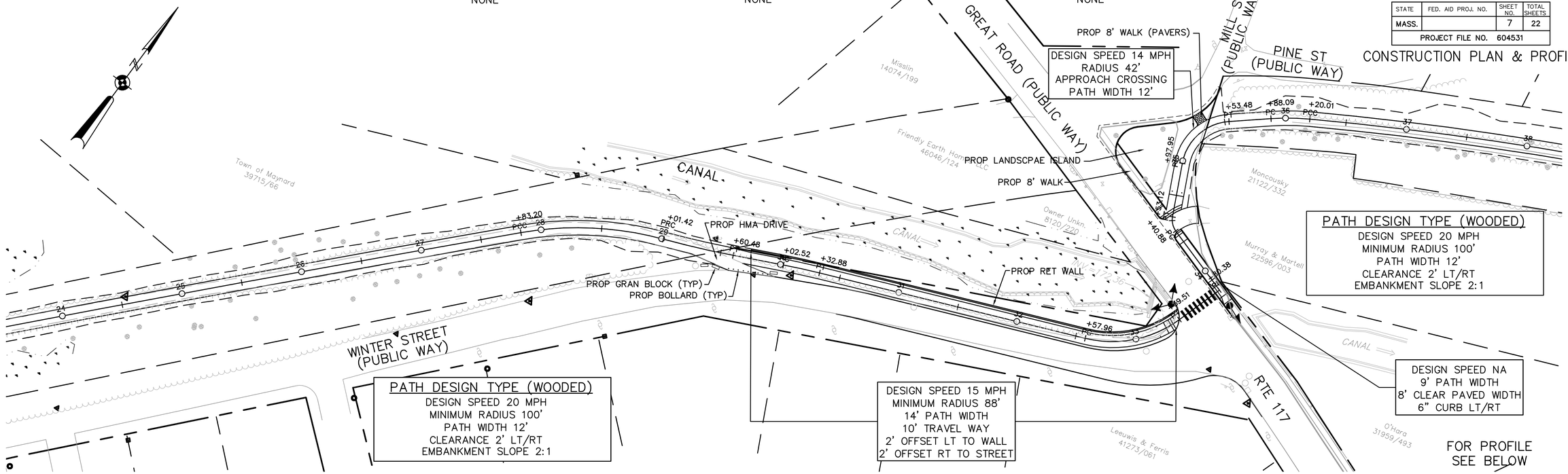
TRAFFIC SIGNAL CONDUIT

NONE

MAYNARD–ACTON
ASSABET RIVER RAIL TRAIL

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MASS.		7	22
PROJECT FILE NO. 604531			

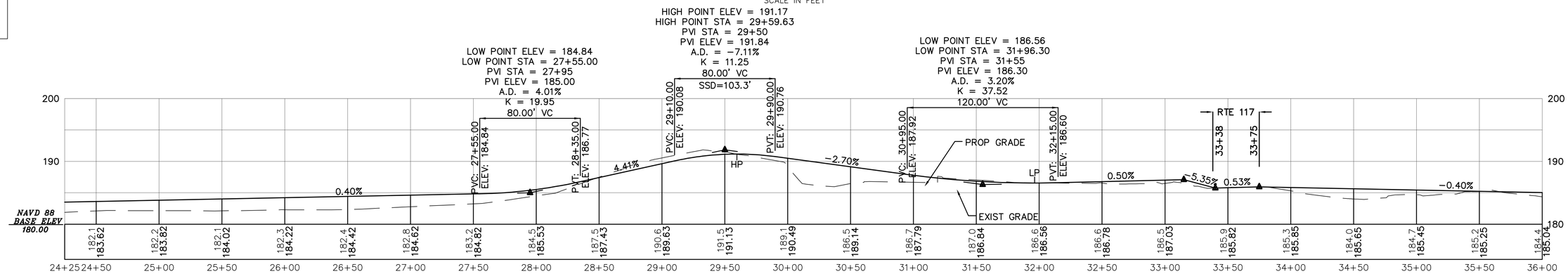
CONSTRUCTION PLAN & PROFILE

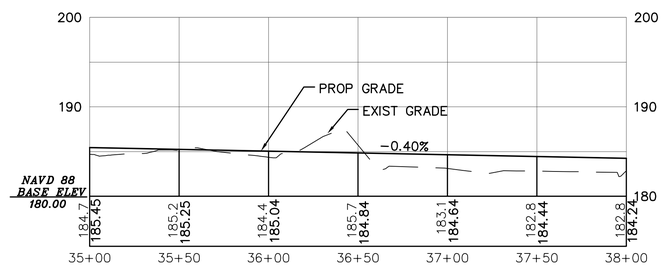


CONT. ON SHEET No. 6

CONT. ON SHEET No. 8

HOR SCALE 1:40
40 0 40 80
VERT SCALE 1:8
8 0 8 16
SCALE IN FEET





L:\work\101221\CAD\50% Design\Models\Gen 10-15-12.dwg 10/15/2012 1:34:46 PM EST

STEEL W BEAM HIGHWAY GUARD
NONE

DRAINAGE DETAILS
NONE

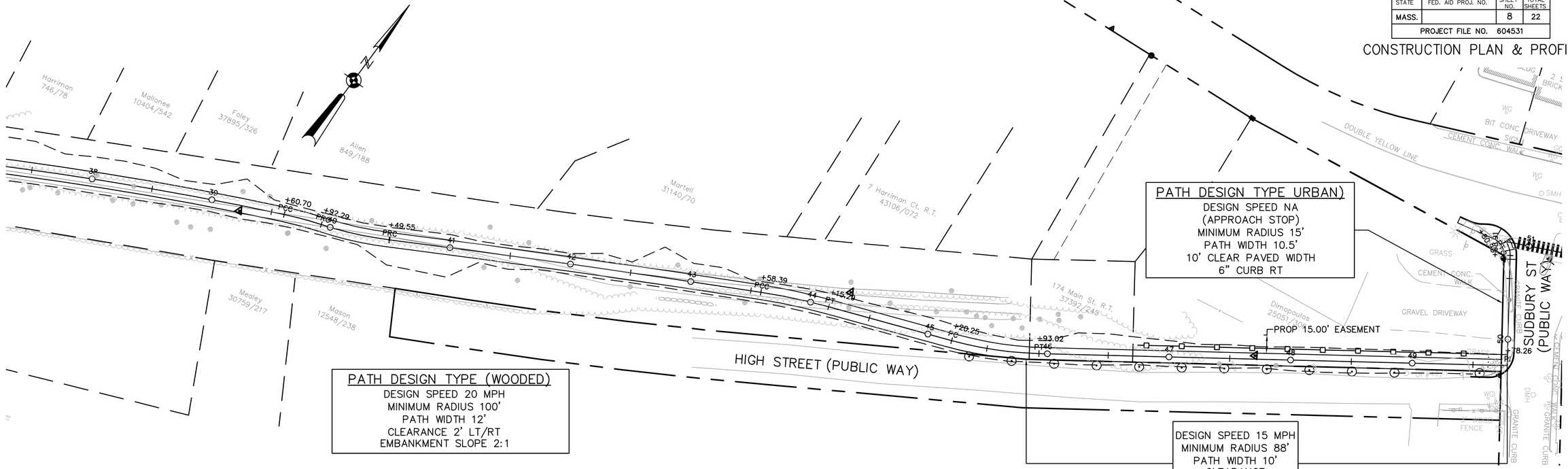
WATER SUPPLY ALTERATIONS
NONE

TRAFFIC SIGNAL CONDUIT
NONE

MAYNARD–ACTON
ASSABET RIVER RAIL TRAIL

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MASS.		8	22
PROJECT FILE NO. 604531			

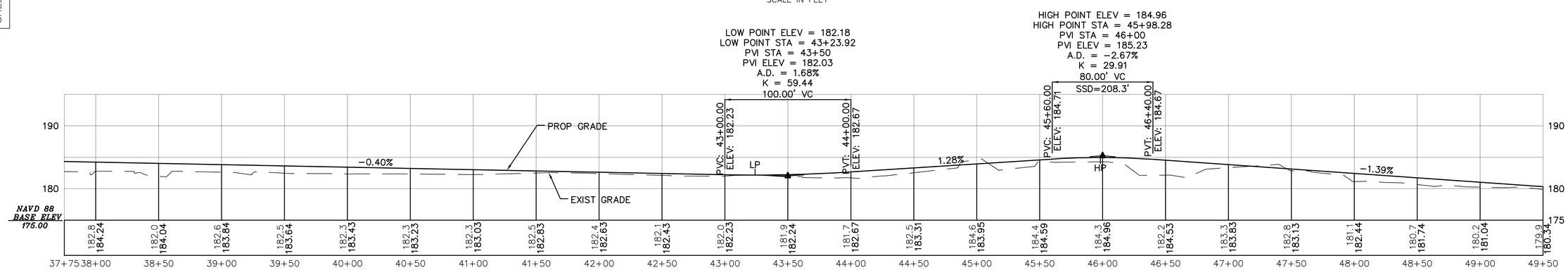
CONSTRUCTION PLAN & PROFILE

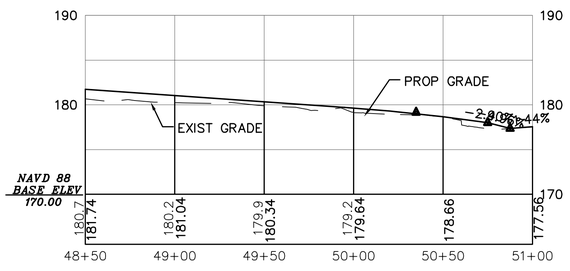


CONT. ON SHEET No. 7

CONT. ON SHEET No. 9

HOR SCALE 1:40
40 0 40 80
VERT SCALE 1:8
8 0 8 16
SCALE IN FEET





L:\work\101221\CAD\50% Design\Models\Gen 10-15-12.dwg 10/15/2012 1:34:46 PM EST

STEEL W BEAM HIGHWAY GUARD
NONE

DRAINAGE DETAILS
NONE

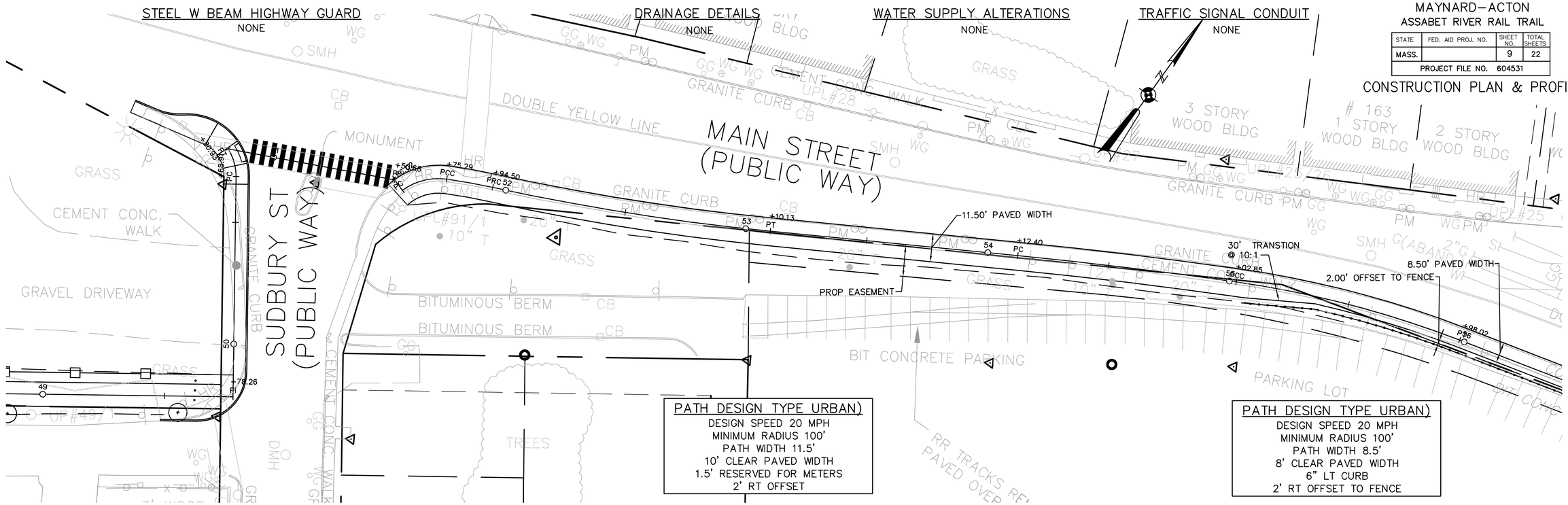
WATER SUPPLY ALTERATIONS
NONE

TRAFFIC SIGNAL CONDUIT
NONE

MAYNARD–ACTON
ASSABET RIVER RAIL TRAIL

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MASS.		9	22
PROJECT FILE NO. 604531			

CONSTRUCTION PLAN & PROFILE



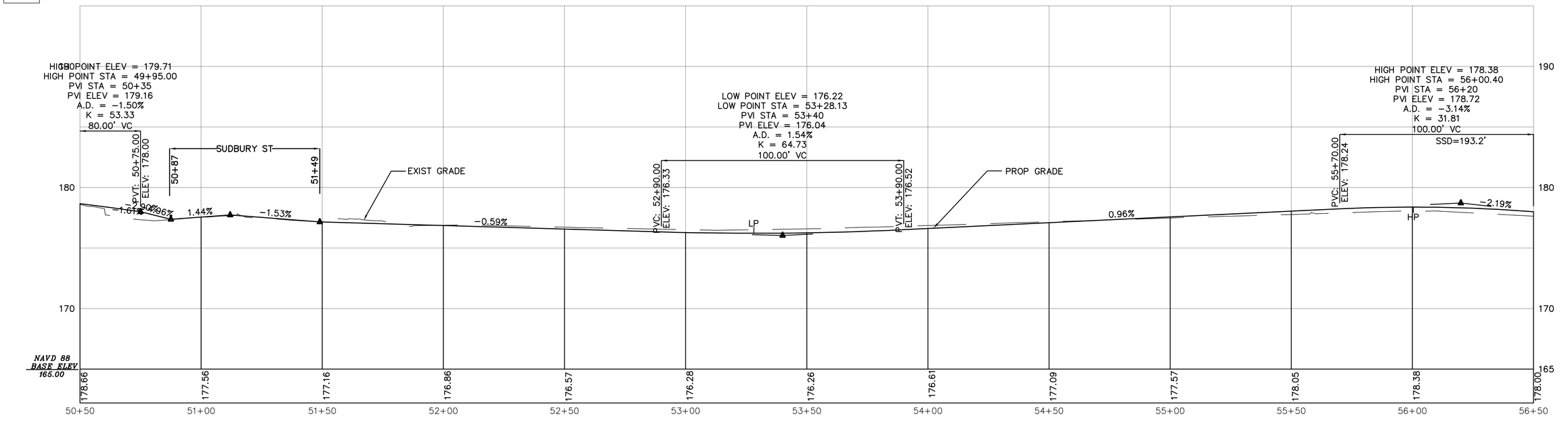
PATH DESIGN TYPE URBAN)
DESIGN SPEED 20 MPH
MINIMUM RADIUS 100'
PATH WIDTH 11.5'
10' CLEAR PAVED WIDTH
1.5' RESERVED FOR METERS
2' RT OFFSET

PATH DESIGN TYPE URBAN)
DESIGN SPEED 20 MPH
MINIMUM RADIUS 100'
PATH WIDTH 8.5'
8' CLEAR PAVED WIDTH
6" LT CURB
2' RT OFFSET TO FENCE

HOR SCALE 1:20
20 0 20 40
VERT SCALE 1:4
4 0 4 8
SCALE IN FEET

CONT. ON SHEET No. 8

CONT. ON SHEET No. 10



L:\work\10121\CAD\50% Design\Models\Gen 10-15-12.dwg 10/15/2012 1:34:46 PM EST

STEEL W BEAM HIGHWAY GUARD
NONE

DRAINAGE DETAILS
NONE

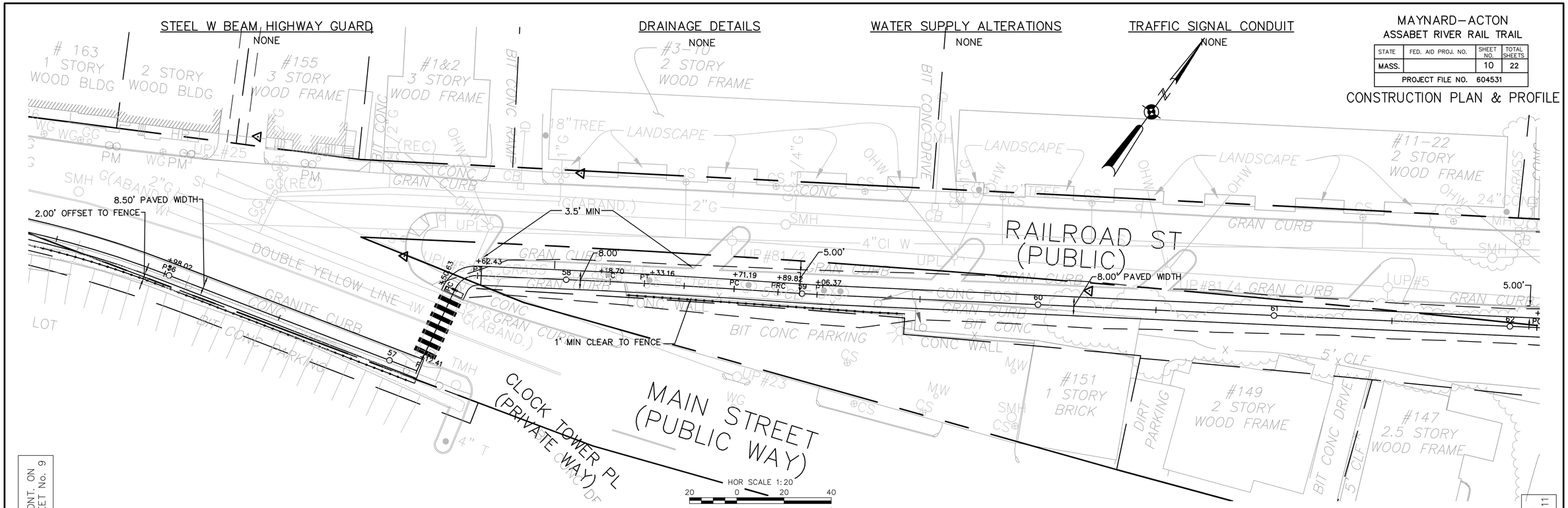
WATER SUPPLY ALTERATIONS
NONE

TRAFFIC SIGNAL CONDUIT
NONE

MAYNARD–ACTON
ASSABET RIVER RAIL TRAIL

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MASS.		10	22
PROJECT FILE NO. 604531			

CONSTRUCTION PLAN & PROFILE

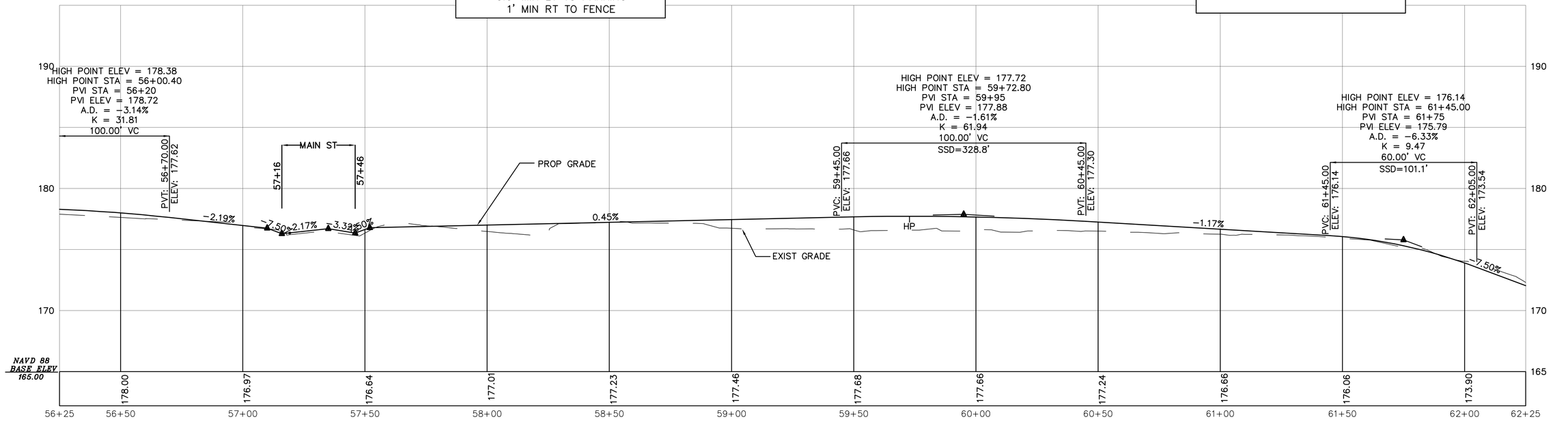


CONT. ON SHEET No. 9

CONT. ON SHEET No. 11

PATH DESIGN TYPE URBAN)
DESIGN SPEED 20 MPH
MINIMUM RADIUS 100'
PATH WIDTH 8'
CLEARANCE
3.5' MIN LT TO PARKING
1' MIN RT TO FENCE

PATH DESIGN TYPE URBAN)
DESIGN SPEED 20 MPH
MINIMUM RADIUS 100'
PATH WIDTH 8'
CLEARANCE
5' LT TO PARKING / 2' RT



L:\work\10121\CAD\50% Design\Models\Gen 10-15-12.dwg 10/15/2012 1:34:46 PM EST

STEEL W BEAM HIGHWAY GUARD

NONE

DRAINAGE DETAILS

NONE

WATER SUPPLY ALTERATIONS

NONE

TRAFFIC SIGNAL CONDUIT

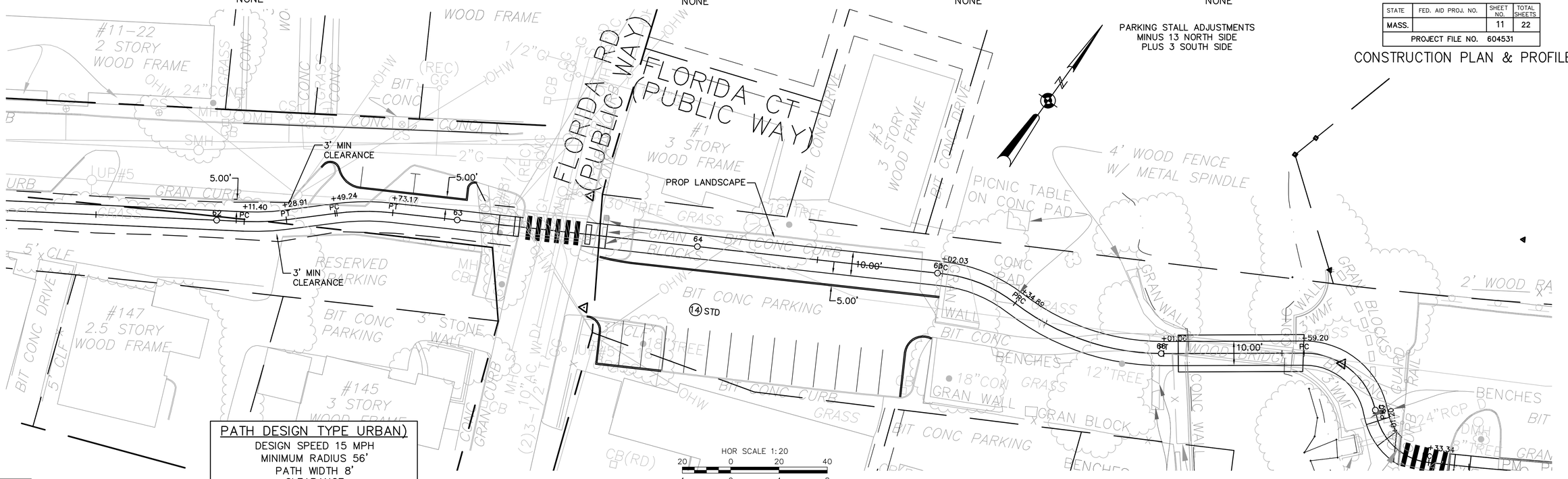
NONE

PARKING STALL ADJUSTMENTS
MINUS 13 NORTH SIDE
PLUS 3 SOUTH SIDE

MAYNARD–ACTON
ASSABET RIVER RAIL TRAIL

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MASS.		11	22
PROJECT FILE NO. 604531			

CONSTRUCTION PLAN & PROFILE



HOR SCALE 1:20
20 0 20 40
4 0 4 8
VERT SCALE 1:4
SCALE IN FEET

PATH DESIGN TYPE URBAN)

DESIGN SPEED 15 MPH
MINIMUM RADIUS 56'
PATH WIDTH 8'
CLEARANCE
5' LT/RT TO PARKING
3' LT/RT FOR SHORT STRETCH

PATH DESIGN TYPE URBAN)

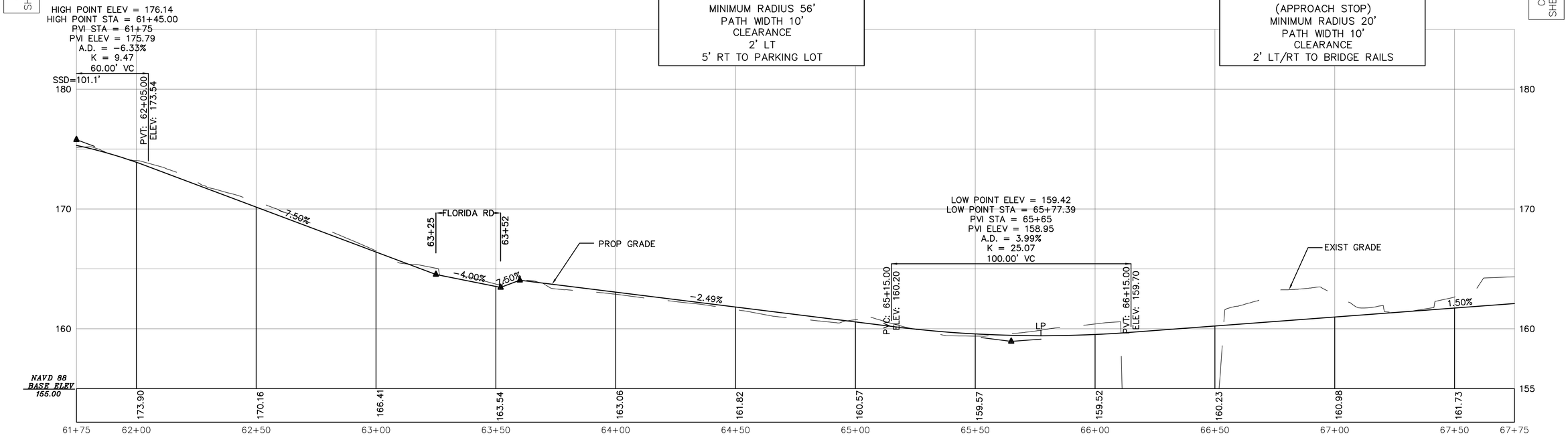
DESIGN SPEED 15 MPH
MINIMUM RADIUS 56'
PATH WIDTH 10'
CLEARANCE
2' LT
5' RT TO PARKING LOT

PATH DESIGN TYPE URBAN)

DESIGN SPEED NA
(APPROACH STOP)
MINIMUM RADIUS 20'
PATH WIDTH 10'
CLEARANCE
2' LT/RT TO BRIDGE RAILS

CONT. ON SHEET No. 10

CONT. ON SHEET No. 12



L:\work\101221\CAD\50% Design\Models\Gen 10-15-12.dwg 10/15/2012 1:34:46 PM EST

STEEL W BEAM HIGHWAY GUARD
NONE

DRAINAGE DETAILS
NONE

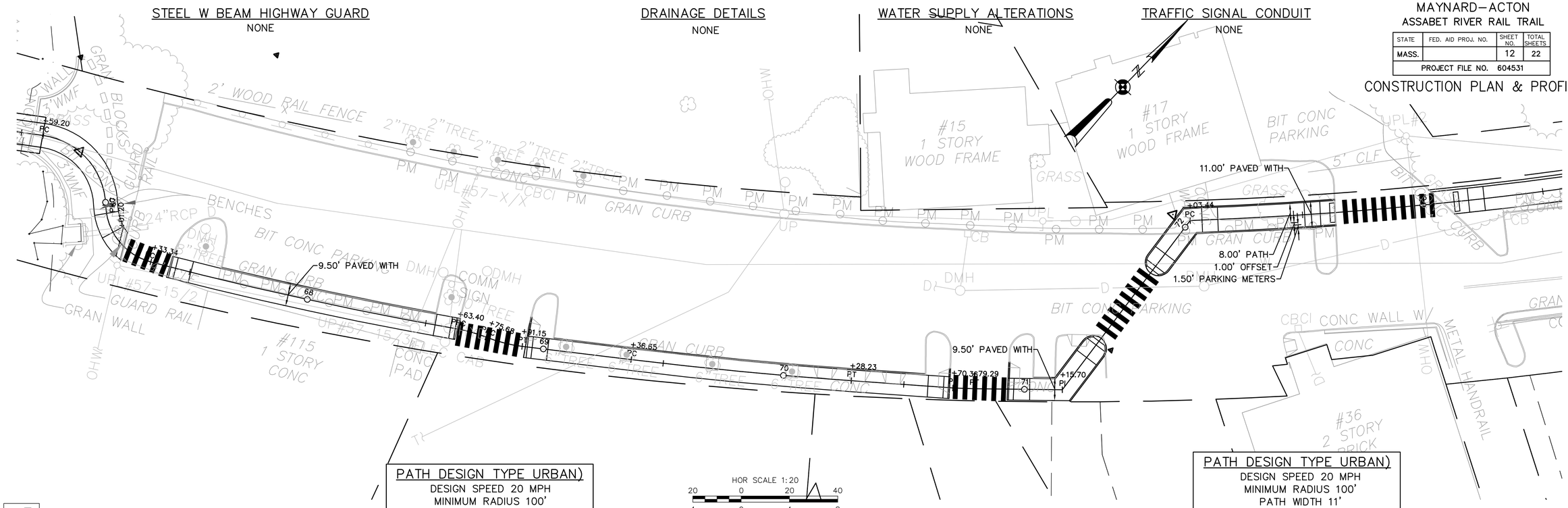
WATER SUPPLY ALTERATIONS
NONE

TRAFFIC SIGNAL CONDUIT
NONE

MAYNARD–ACTON
ASSABET RIVER RAIL TRAIL

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MASS.		12	22
PROJECT FILE NO. 604531			

CONSTRUCTION PLAN & PROFILE



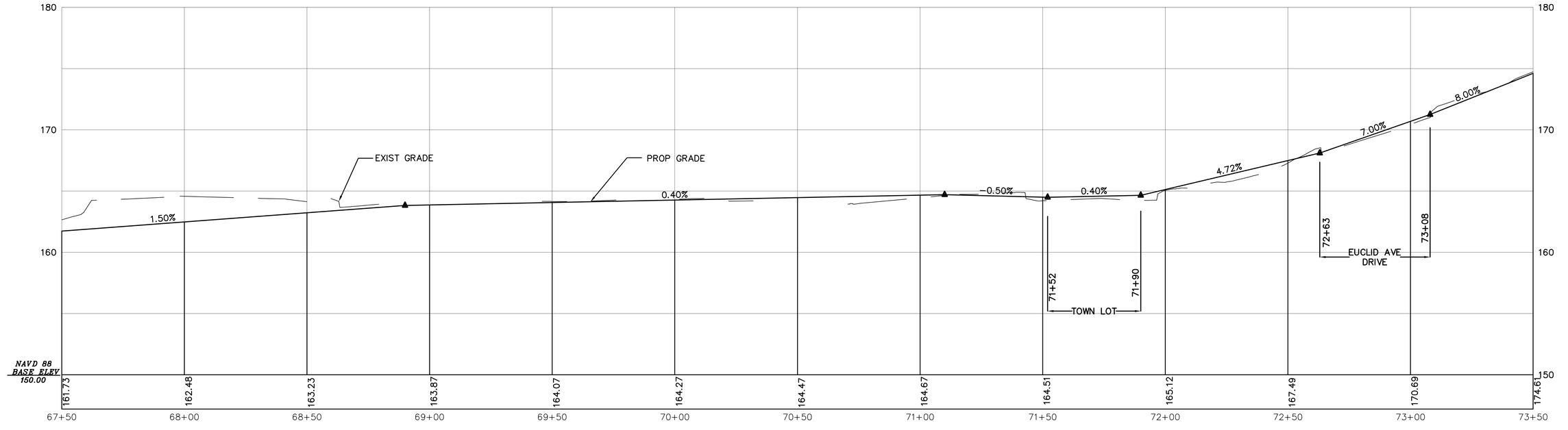
PATH DESIGN TYPE URBAN)
DESIGN SPEED 20 MPH
MINIMUM RADIUS 100'
PATH WIDTH 9.5'
8' CLEAR PAVED WIDTH
1.5' RESERVED FOR METERS

HOR SCALE 1:20
20 0 20 40
VERT SCALE 1:4
4 0 4 8
SCALE IN FEET

PATH DESIGN TYPE URBAN)
DESIGN SPEED 20 MPH
MINIMUM RADIUS 100'
PATH WIDTH 11'
9' CLEAR PAVED WIDTH
1.5' RESERVED FOR METERS
6" CURB LT

CONT. ON SHEET No. 11

CONT. ON SHEET No. 13



L:\work\101221\CAD\50% Design\Models\Gen 10-15-12.dwg 10/15/2012 1:34:46 PM EST

STEEL W BEAM HIGHWAY GUARD
NONE

DRAINAGE DETAILS
NONE

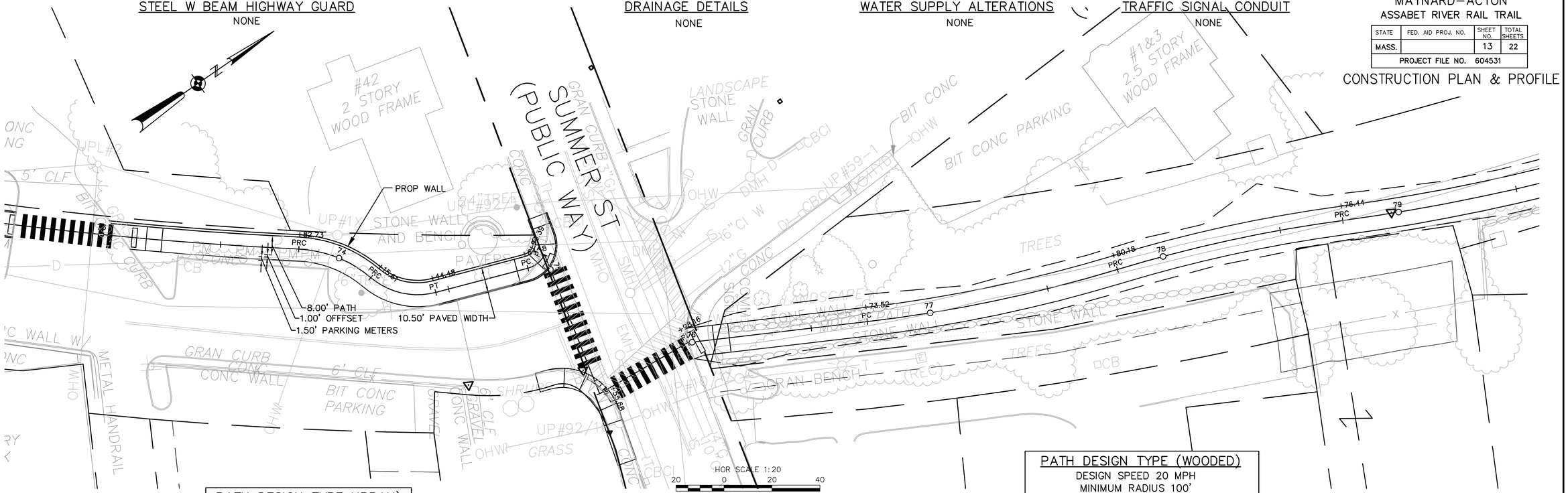
WATER SUPPLY ALTERATIONS
NONE

TRAFFIC SIGNAL CONDUIT
NONE

MAYNARD–ACTON
ASSABET RIVER RAIL TRAIL

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MASS.		13	22
PROJECT FILE NO. 604531			

CONSTRUCTION PLAN & PROFILE

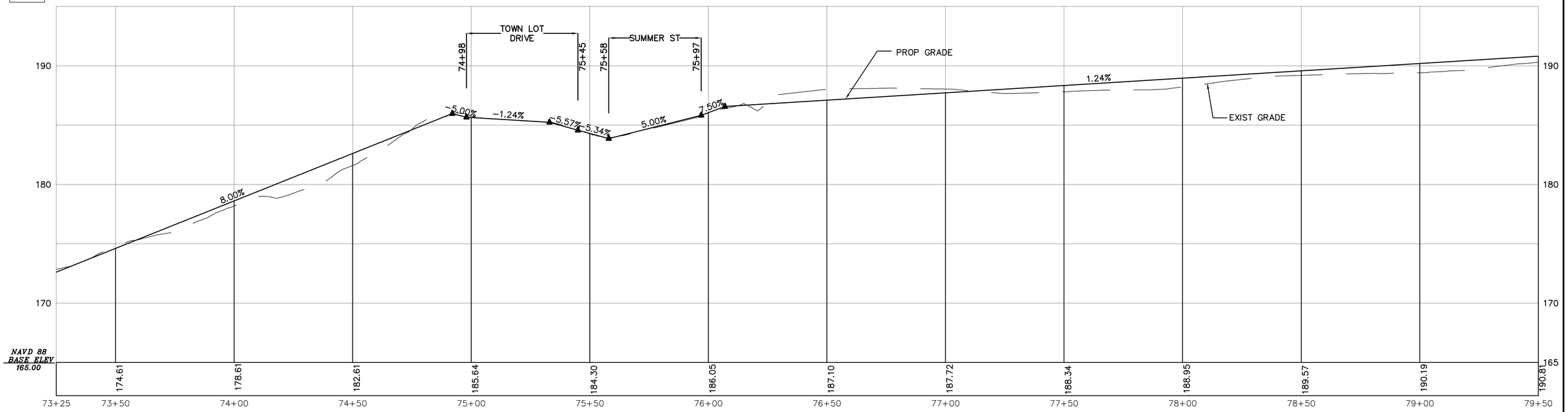


PATH DESIGN TYPE URBAN)
DESIGN SPEED NA
(APPROACH STOP)
MINIMUM RADIUS 20'
10.5 PATH WIDTH
9' CLEAR PAVED WIDTH
1.5' RESERVED FOR METERS

PATH DESIGN TYPE (WOODED)
DESIGN SPEED 20 MPH
MINIMUM RADIUS 100'
PATH WIDTH 12'
CLEARANCE 2' LT/RT
EMBANKMENT SLOPE 2:1

CONT. ON SHEET No. 12

CONT. ON SHEET No. 14



L:\work\101221\CAD\50% Design\Models\Gen 10-15-12.dwg 10/15/2012 1:34:46 PM EST

MAYNARD–ACTON
ASSABET RIVER RAIL TRAIL

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MASS.		14	22
PROJECT FILE NO. 604531			

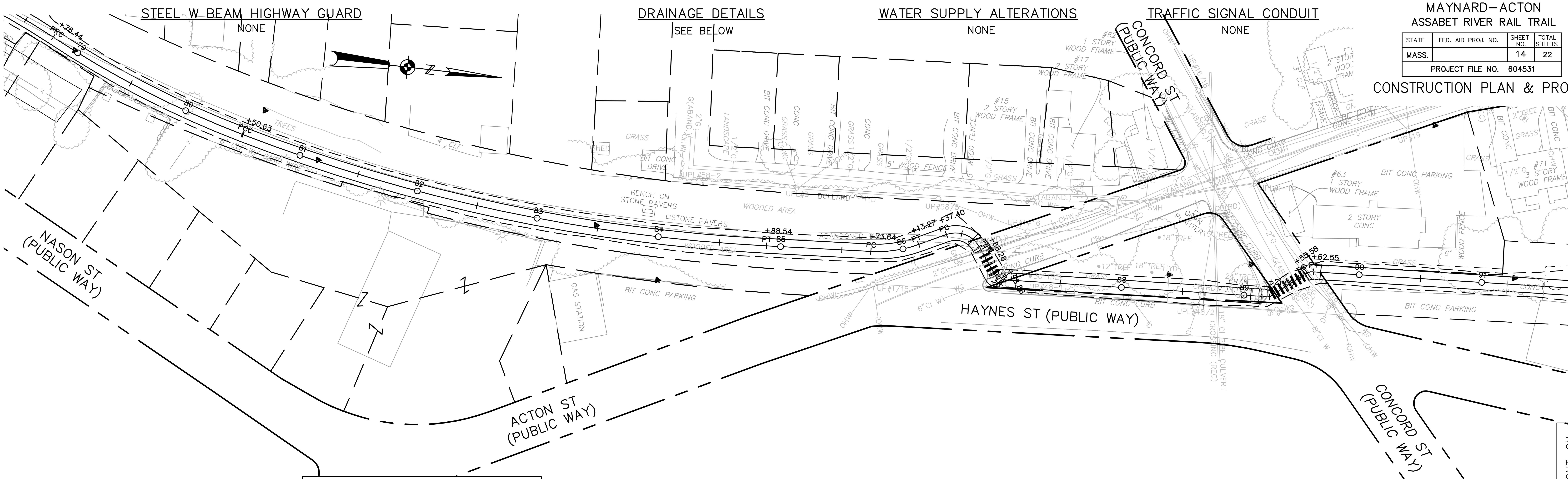
CONSTRUCTION PLAN & PROFILE

STEEL W BEAM HIGHWAY GUARD
NONE

DRAINAGE DETAILS
SEE BELOW

WATER SUPPLY ALTERATIONS
NONE

TRAFFIC SIGNAL CONDUIT
NONE



CONT. ON SHEET No. 13

CONT. ON SHEET No. 15

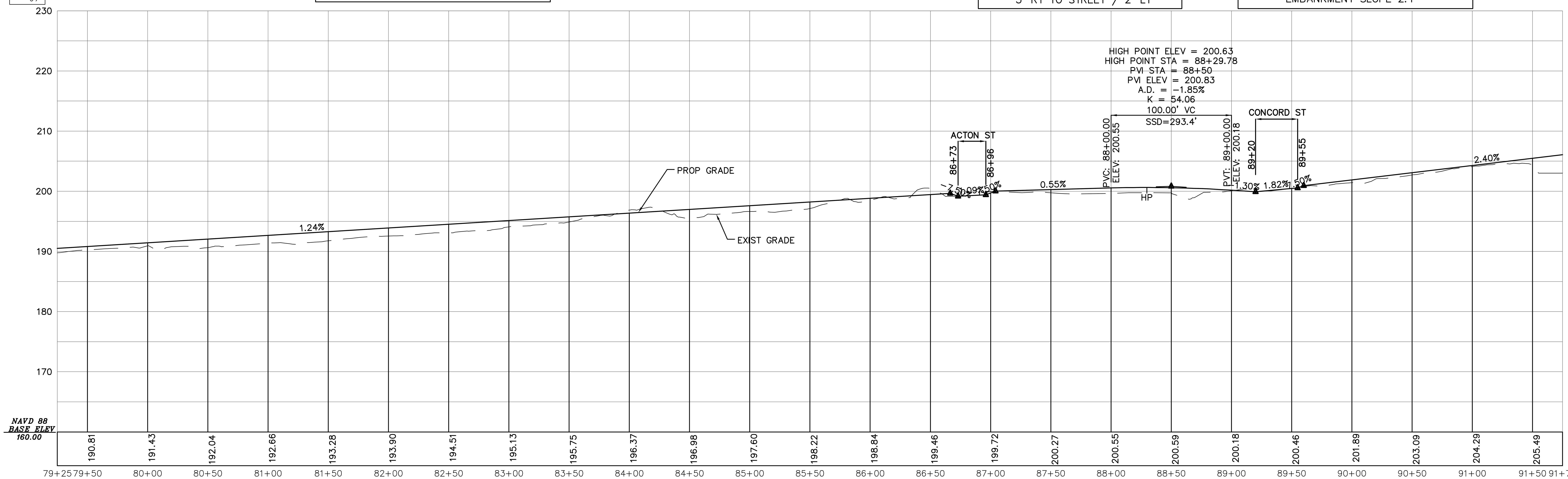
PATH DESIGN TYPE (WOODED)
DESIGN SPEED 20 MPH
MINIMUM RADIUS 100'
PATH WIDTH 12'
CLEARANCE 2' LT/RT
EMBANKMENT SLOPE 2:1

HOR SCALE 1:40
40 0 40 80
8 0 8 16
VERT SCALE 1:8
SCALE IN FEET

PATH DESIGN TYPE (URBAN)
DESIGN SPEED NA
(APPROACH STOP)
PATH WIDTH 10'
CLEARANCE
5' RT TO STREET / 2' LT

PATH DESIGN TYPE (WOODED)
DESIGN SPEED 20 MPH
MINIMUM RADIUS 100'
PATH WIDTH 12'
CLEARANCE 2' LT/RT
EMBANKMENT SLOPE 2:1

FOR PROFILE
SEE BELOW



L:\work\101221\CAD\50% Design\Models\Gen 10-15-12.dwg 10/15/2012 1:34:46 PM EST

STEEL W BEAM HIGHWAY GUARD
NONE

DRAINAGE DETAILS
NONE

DRAINAGE DETAILS
NONE

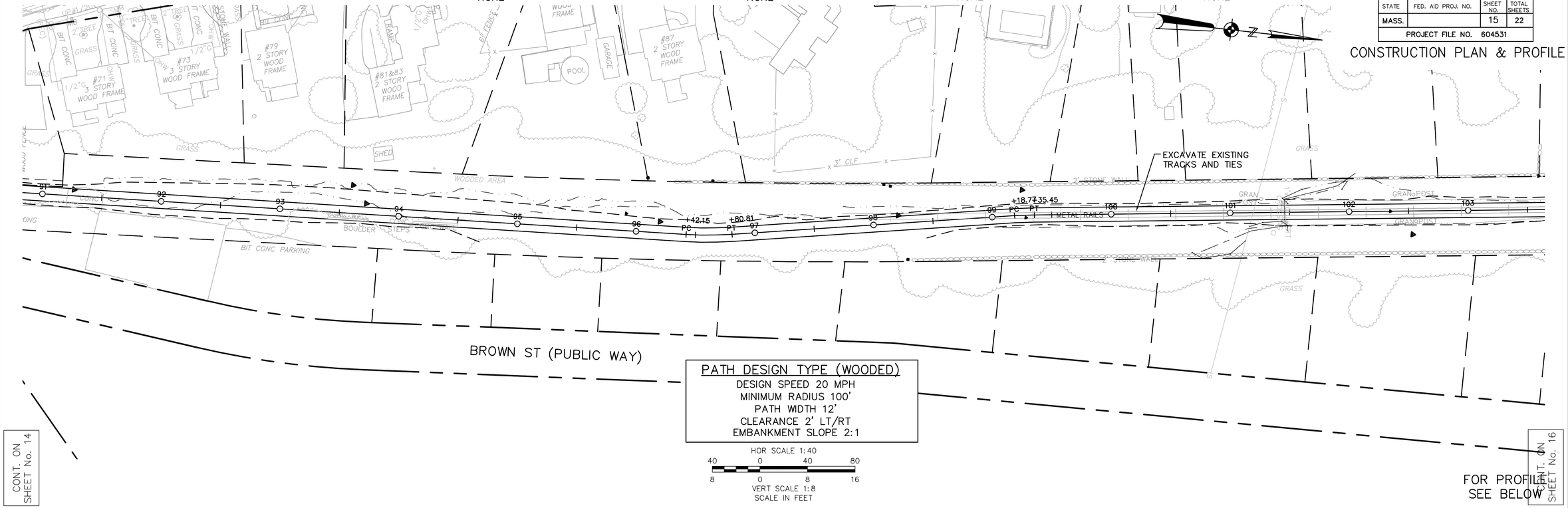
WATER SUPPLY ALTERATIONS
NONE

TRAFFIC SIGNAL CONDUIT
NONE

MAYNARD–ACTON
ASSABET RIVER RAIL TRAIL

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MASS.		15	22
PROJECT FILE NO. 604531			

CONSTRUCTION PLAN & PROFILE



BROWN ST (PUBLIC WAY)

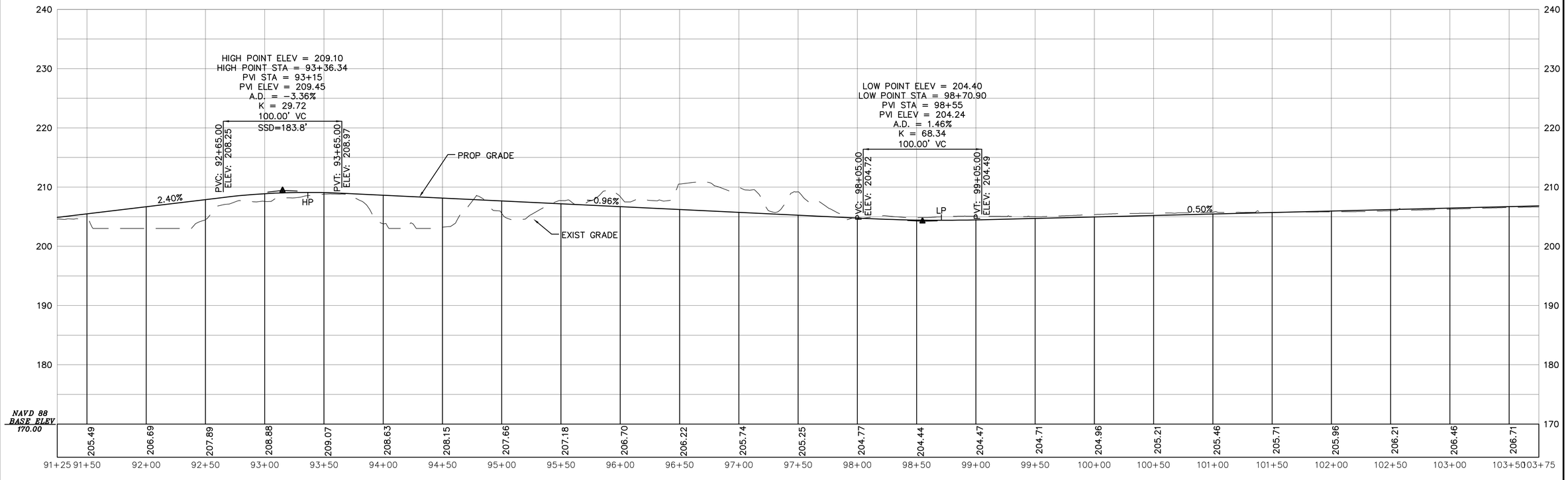
PATH DESIGN TYPE (WOODED)
DESIGN SPEED 20 MPH
MINIMUM RADIUS 100'
PATH WIDTH 12'
CLEARANCE 2' LT/RT
EMBANKMENT SLOPE 2:1

HOR SCALE 1:40
40 0 40 80
8 0 8 16
VERT SCALE 1:8
SCALE IN FEET

CONT. ON SHEET No. 14

FOR PROFILE SEE BELOW

CONT. ON SHEET No. 16



L:\work\10121\CAD\50% Design\Models\Gen 10-15-12.dwg 10/15/2012 1:34:46 PM EST

STEEL W BEAM HIGHWAY GUARD

DRAINAGE DETAILS

NONE

WATER SUPPLY ALTERATIONS

NONE

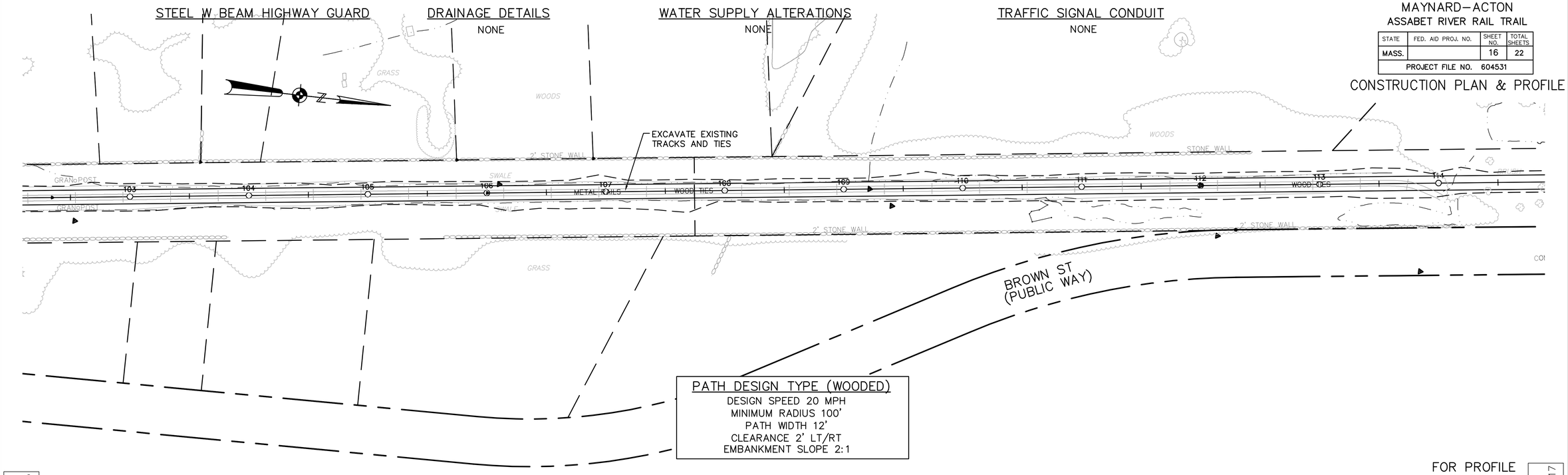
TRAFFIC SIGNAL CONDUIT

NONE

MAYNARD–ACTON
ASSABET RIVER RAIL TRAIL

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MASS.		16	22
PROJECT FILE NO. 604531			

CONSTRUCTION PLAN & PROFILE



PATH DESIGN TYPE (WOODED)

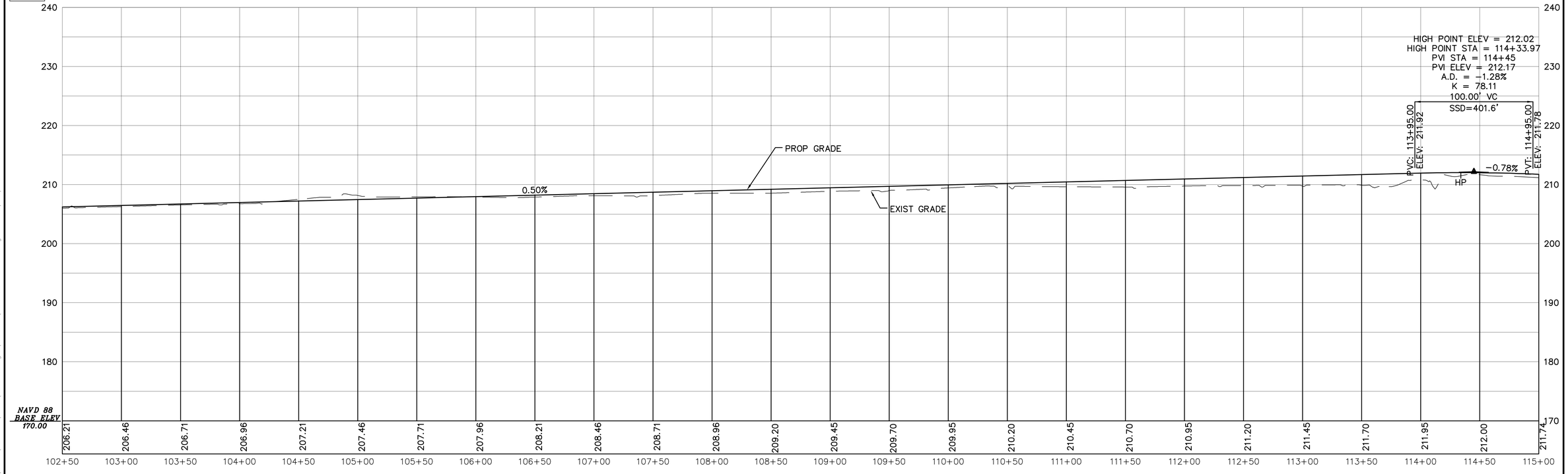
DESIGN SPEED 20 MPH
MINIMUM RADIUS 100'
PATH WIDTH 12'
CLEARANCE 2' LT/RT
EMBANKMENT SLOPE 2:1

HOR SCALE 1:40
40 0 40 80
8 0 8 16
VERT SCALE 1:8
SCALE IN FEET

FOR PROFILE SEE BELOW

CONT. ON SHEET No. 15

CONT. ON SHEET No. 17



L:\work\101221\CAD\50% Design\Models\Gen 10-15-12.dwg 10/15/2012 1:34:46 PM EST

STEEL W BEAM HIGHWAY GUARD
NONE

DRAINAGE DETAILS
NONE

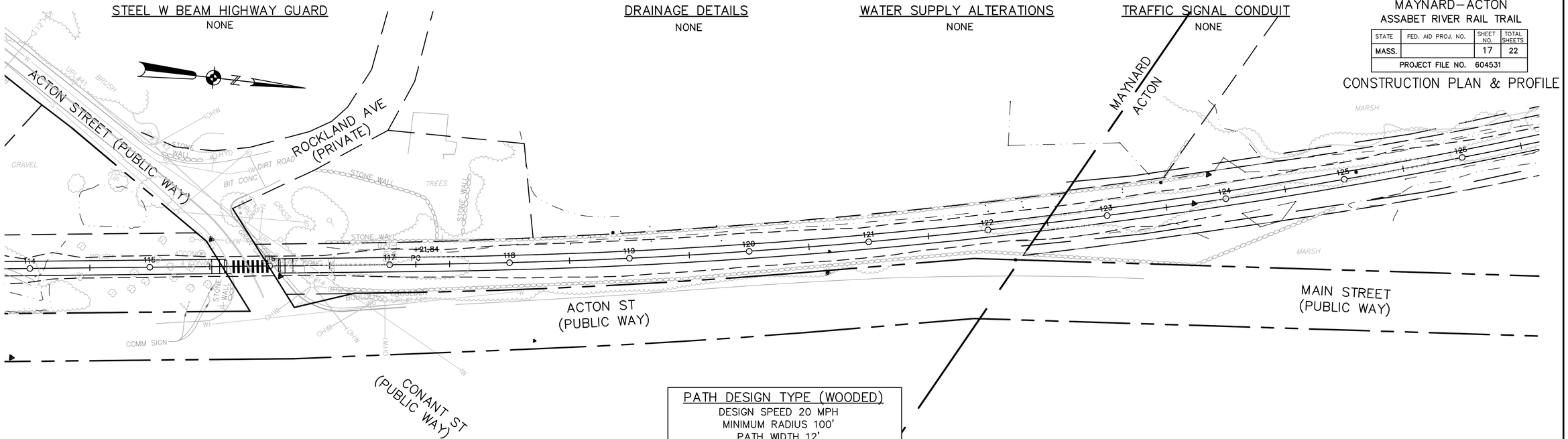
WATER SUPPLY ALTERATIONS
NONE

TRAFFIC SIGNAL CONDUIT
NONE

MAYNARD–ACTON
ASSABET RIVER RAIL TRAIL

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MASS.		17	22
PROJECT FILE NO. 604531			

CONSTRUCTION PLAN & PROFILE



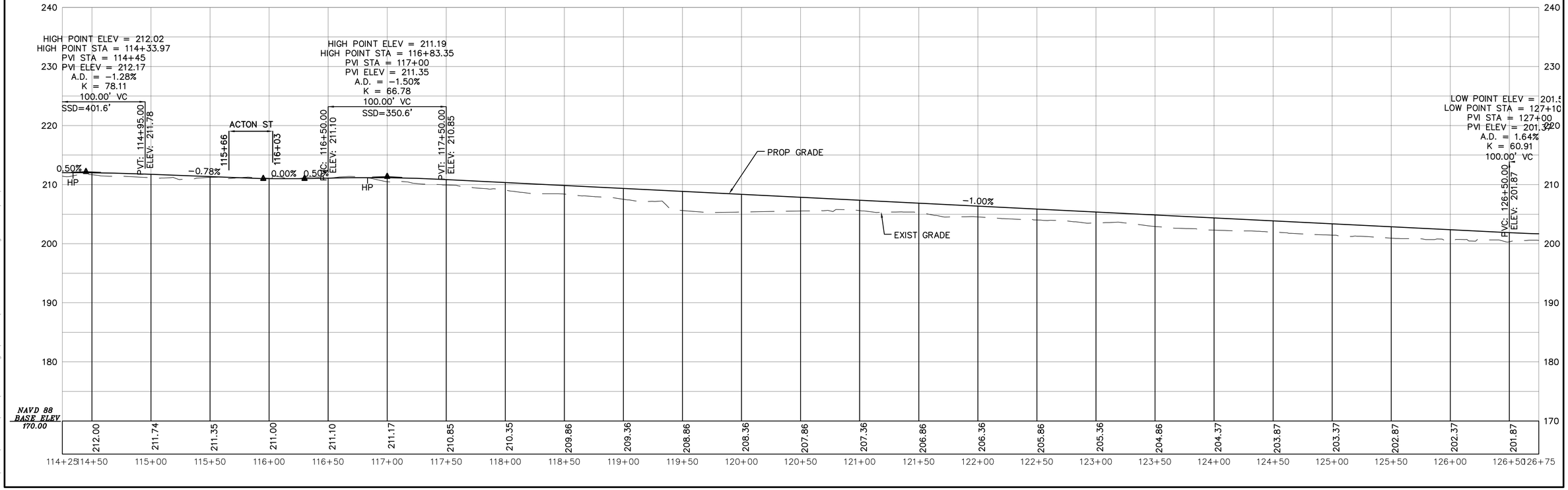
PATH DESIGN TYPE (WOODED)
DESIGN SPEED 20 MPH
MINIMUM RADIUS 100'
PATH WIDTH 12'
CLEARANCE 2' LT/RT
EMBANKMENT SLOPE 2:1

HOR SCALE 1:40
40 0 40 80
8 0 8 16
VERT SCALE 1:8
SCALE IN FEET

CONT. ON SHEET No. 16

FOR PROFILE SEE BELOW

CONT. ON SHEET No. 18



L:\work\101221\CAD\50% Design\Models\Gen 10-15-12.dwg 10/15/2012 1:34:46 PM EST

STEEL W BEAM HIGHWAY GUARD
NONE

DRAINAGE DETAILS
NONE

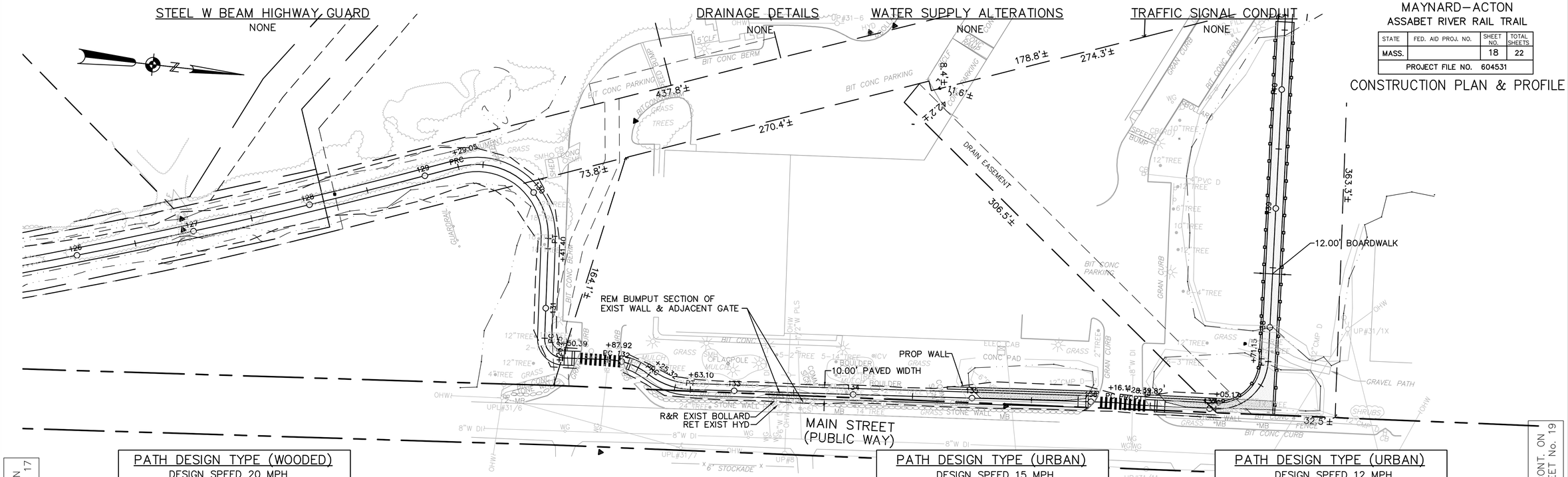
WATER SUPPLY ALTERATIONS
NONE

TRAFFIC SIGNAL CONDUIT
NONE

MAYNARD–ACTON
ASSABET RIVER RAIL TRAIL

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MASS.		18	22
PROJECT FILE NO. 604531			

CONSTRUCTION PLAN & PROFILE



CONT. ON SHEET No. 17

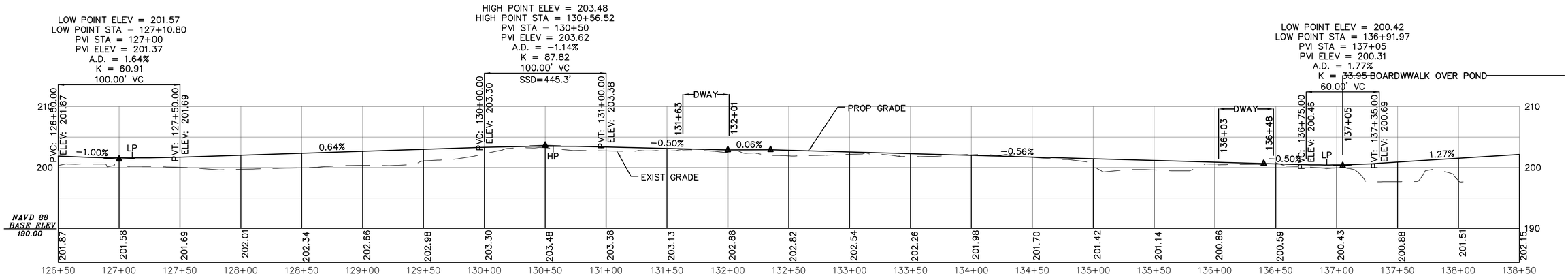
PATH DESIGN TYPE (WOODED)
DESIGN SPEED 20 MPH
MINIMUM RADIUS 100'
PATH WIDTH 12'
CLEARANCE 2' LT/RT
EMBANKMENT SLOPE 2:1

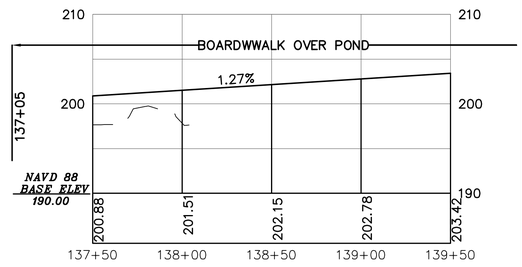
PATH DESIGN TYPE (URBAN)
DESIGN SPEED 15 MPH
MINIMUM RADIUS 56'
PATH WIDTH 10'
CLEARANCE
2' LT TO WALL / 2' RT TO EXIST WALL

PATH DESIGN TYPE (URBAN)
DESIGN SPEED 12 MPH
MINIMUM RADIUS 36'
12' WIDE BOARDWALK
NO OFFSETS TO RAILS

CONT. ON SHEET No. 19

FOR PROFILE SEE BELOW





L:\work\10121\CAD\50% Design\Models\Gen 10-15-12.dwg 10/15/2012 1:34:46 PM EST

STEEL W BEAM HIGHWAY GUARD

DRAINAGE DETAILS
NONE

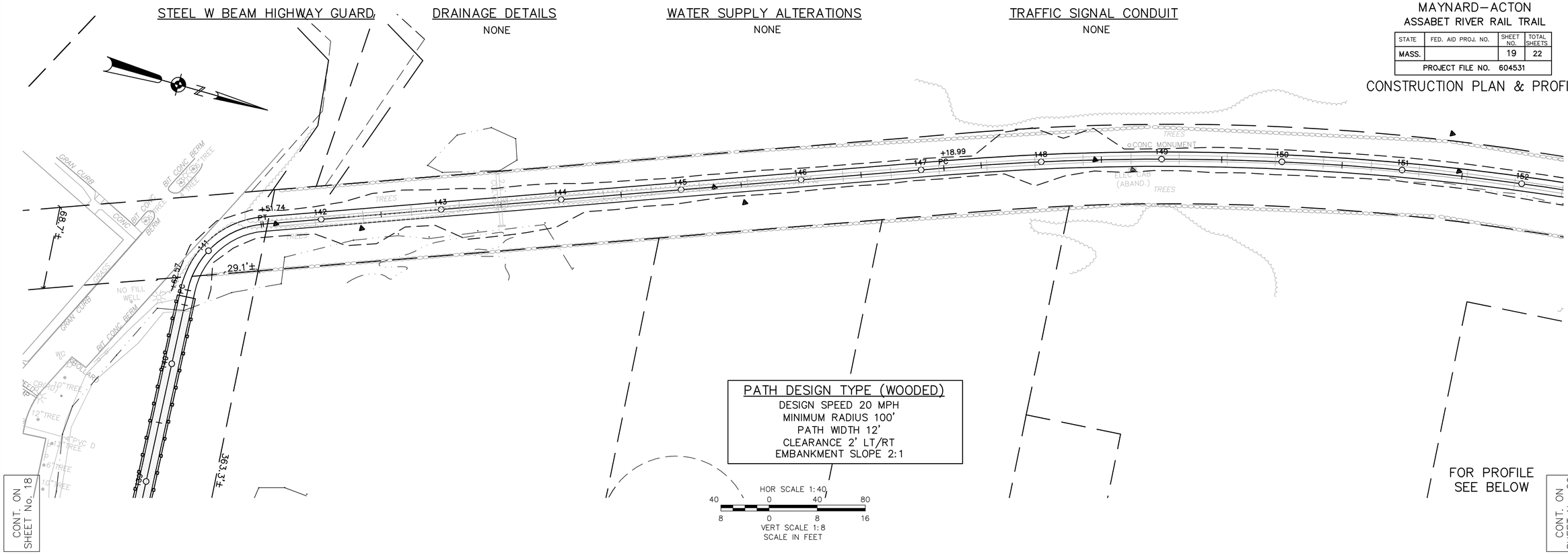
WATER SUPPLY ALTERATIONS
NONE

TRAFFIC SIGNAL CONDUIT
NONE

MAYNARD–ACTON
ASSABET RIVER RAIL TRAIL

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MASS.		19	22
PROJECT FILE NO. 604531			

CONSTRUCTION PLAN & PROFILE



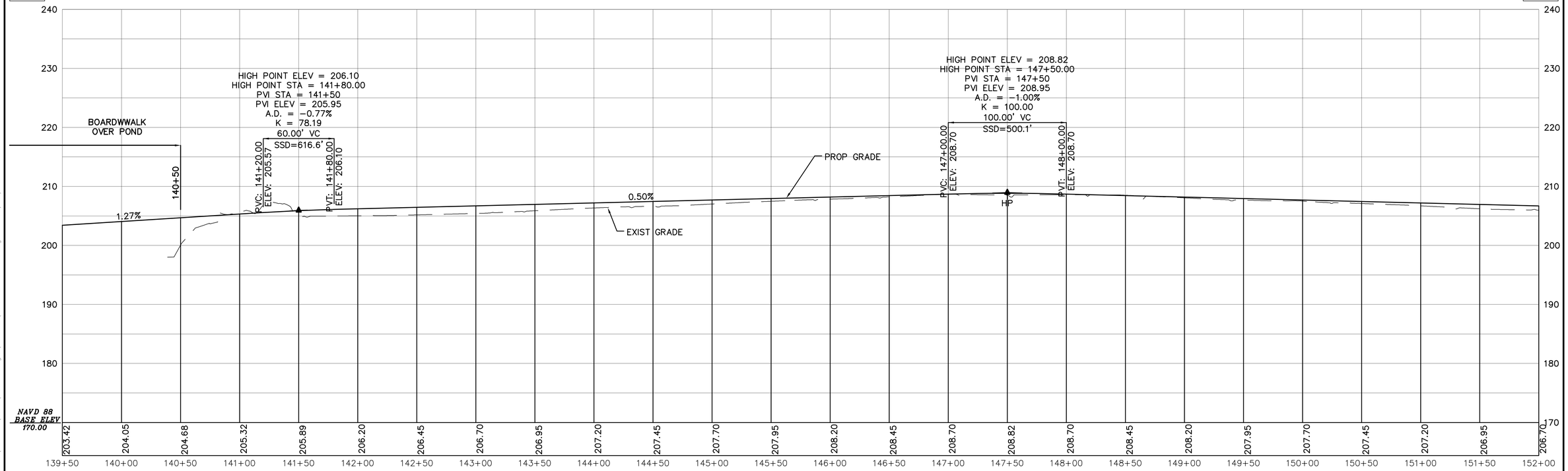
PATH DESIGN TYPE (WOODED)
DESIGN SPEED 20 MPH
MINIMUM RADIUS 100'
PATH WIDTH 12'
CLEARANCE 2' LT/RT
EMBANKMENT SLOPE 2:1

HOR SCALE 1:40
40 0 40 80
8 0 8 16
VERT SCALE 1:8
SCALE IN FEET

FOR PROFILE
SEE BELOW

CONT. ON SHEET No. 18

CONT. ON SHEET No. 20



L:\work\101221\CAD\50% Design\Models\Gen 10-15-12.dwg 10/15/2012 1:34:46 PM EST

STEEL W BEAM HIGHWAY GUARD
NONE

DRAINAGE DETAILS
NONE

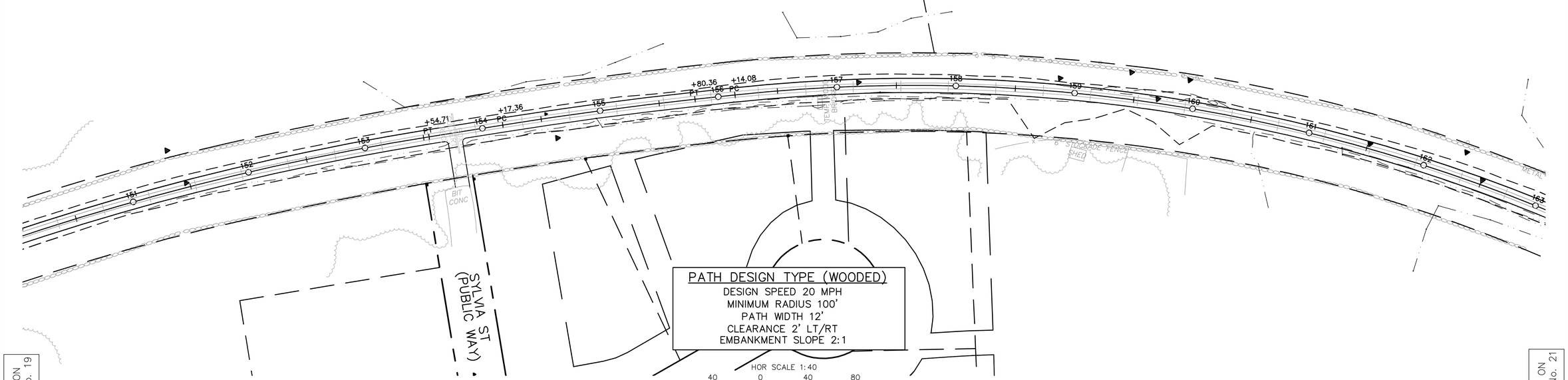
WATER SUPPLY ALTERATIONS
NONE

TRAFFIC SIGNAL CONDUIT
NONE

MAYNARD–ACTON
ASSABET RIVER RAIL TRAIL

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MASS.		20	22
PROJECT FILE NO. 604531			

CONSTRUCTION PLAN & PROFILE



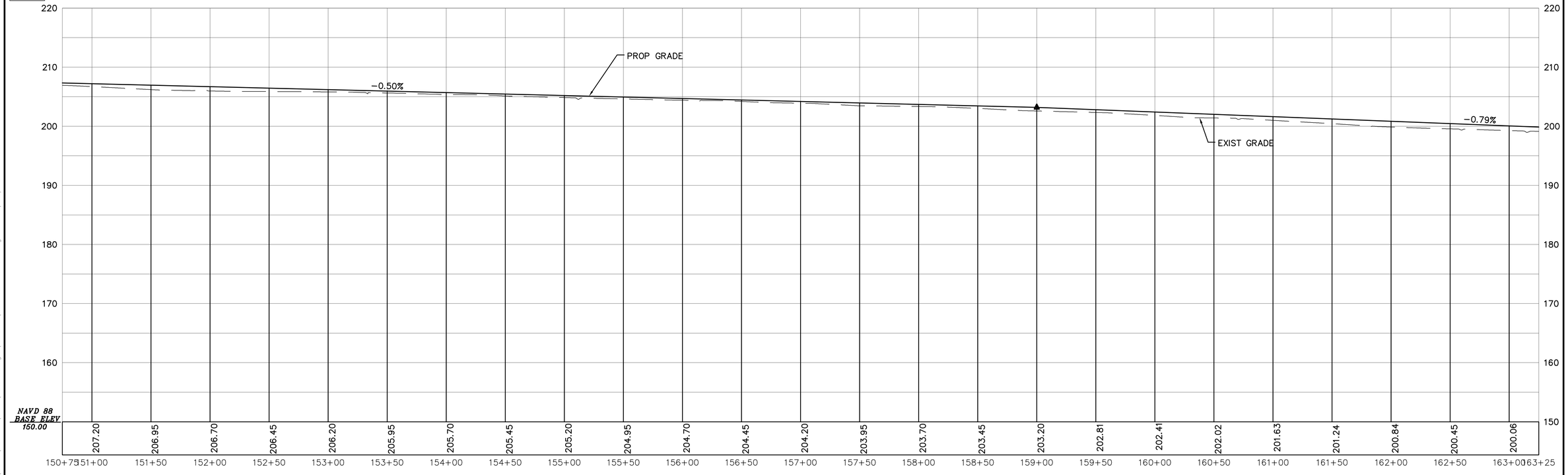
PATH DESIGN TYPE (WOODED)
DESIGN SPEED 20 MPH
MINIMUM RADIUS 100'
PATH WIDTH 12'
CLEARANCE 2' LT/RT
EMBANKMENT SLOPE 2:1

HOR SCALE 1:40
40 0 40 80
8 0 8 16
VERT SCALE 1:8
SCALE IN FEET

CONT. ON SHEET No. 19

FOR PROFILE SEE BELOW

CONT. ON SHEET No. 21



L:\work\101221\CAD\50% Design\Models\Gen 10-15-12.dwg 10/15/2012 1:34:46 PM EST

STEEL W BEAM HIGHWAY GUARD
NONE

DRAINAGE DETAILS
NONE

WATER SUPPLY ALTERATIONS
NONE

TRAFFIC SIGNAL CONDUIT
NONE

MAYNARD–ACTON
ASSABET RIVER RAIL TRAIL

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MASS.		21	22
PROJECT FILE NO. 604531			

CONSTRUCTION PLAN & PROFILE

PATH DESIGN TYPE (WOODED)
DESIGN SPEED 20 MPH
MINIMUM RADIUS 100'
PATH WIDTH 12'
CLEARANCE 2' LT/RT
EMBANKMENT SLOPE 2:1

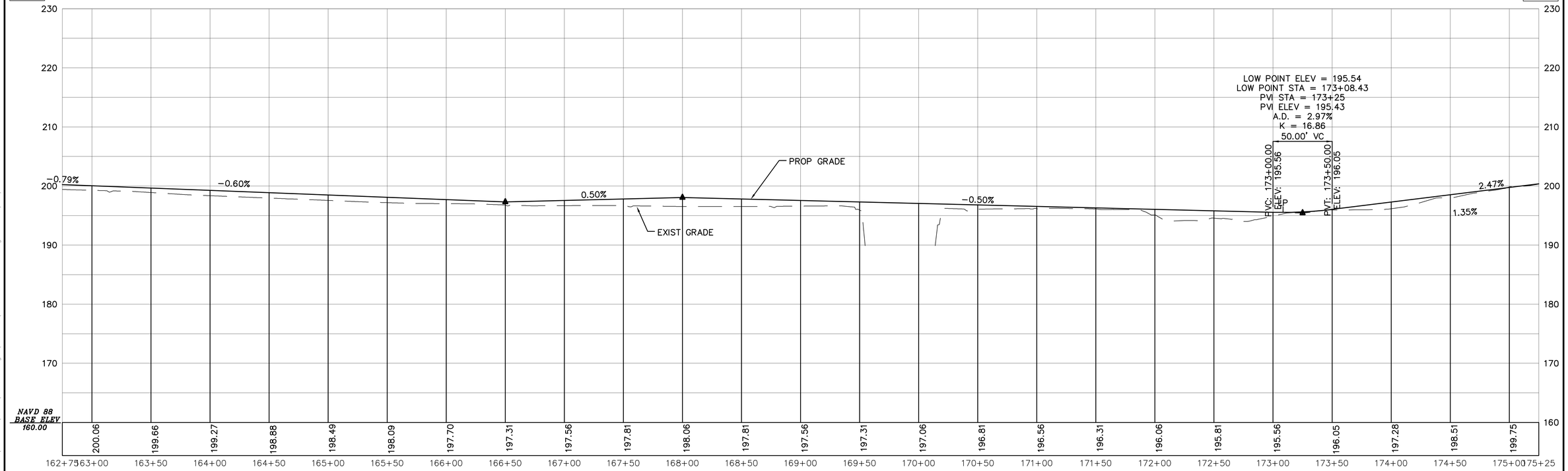
HOR SCALE 1:40
40 0 40 80
8 0 8 16
VERT SCALE 1:8
SCALE IN FEET

PATH DESIGN TYPE (TRANSTION)
DESIGN SPEED 12 MPH
MINIMUM RADIUS 36'
PATH WIDTH 12'
CLEARANCE 2' LT/RT
EMBANKMENT SLOPE 2:1

FOR PROFILE SEE BELOW

CONT. ON SHEET No. 20

CONT. ON SHEET No. 22



L:\work\101221\CAD\50% Design\Models\Gen 10-15-12.dwg 10/15/2012 1:34:46 PM EST

STEEL W BEAM HIGHWAY GUARD
NONE

DRAINAGE DETAILS
NONE

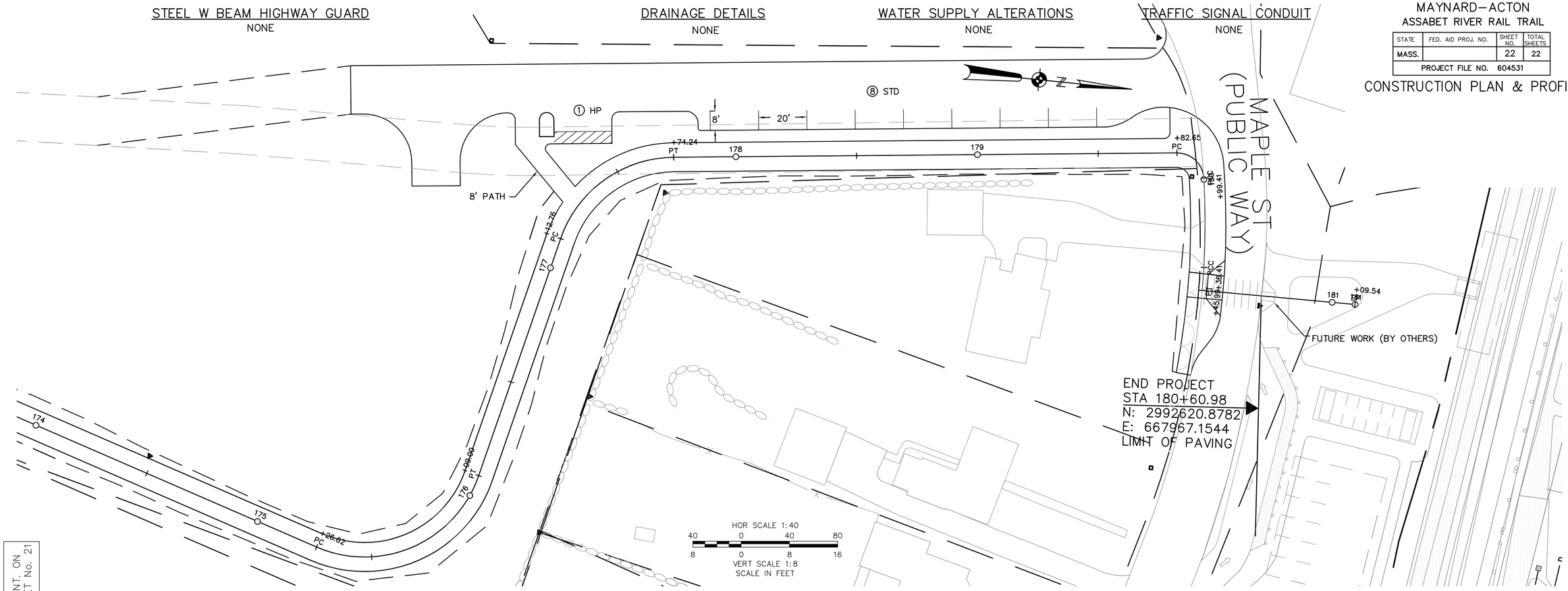
WATER SUPPLY ALTERATIONS
NONE

TRAFFIC SIGNAL CONDUIT
NONE

MAYNARD–ACTON
ASSABET RIVER RAIL TRAIL

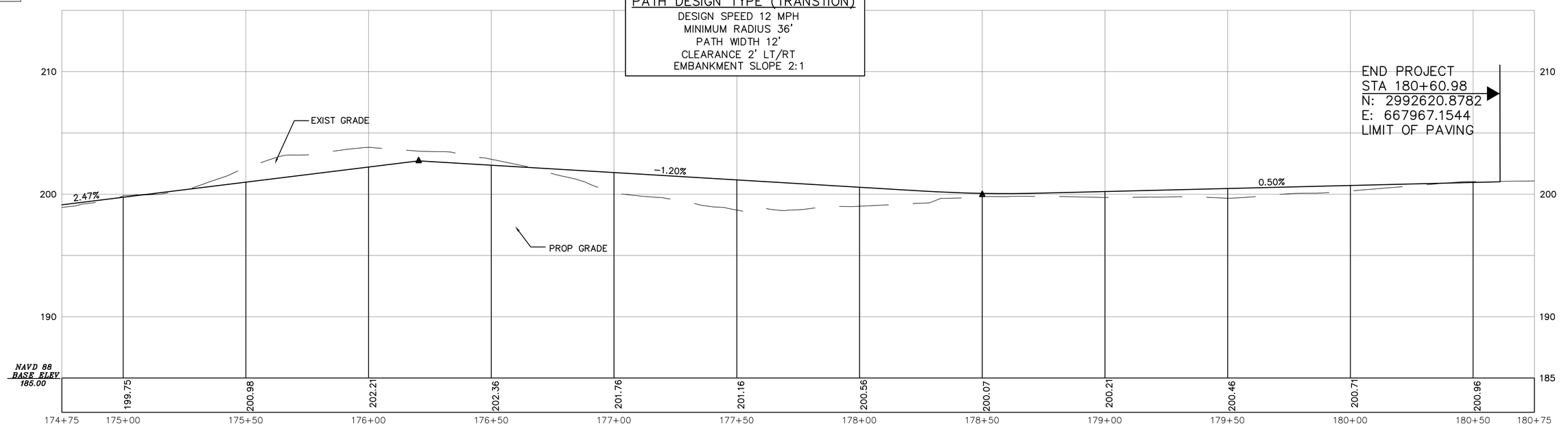
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MASS.		22	22
PROJECT FILE NO. 604531			

CONSTRUCTION PLAN & PROFILE



CONT. ON SHEET No. 21

PATH DESIGN TYPE (TRANSTION)
DESIGN SPEED 12 MPH
MINIMUM RADIUS 36'
PATH WIDTH 12'
CLEARANCE 2' LT/RT
EMBANKMENT SLOPE 2:1



L:\work\10122\CAD\50% Design\Models\Gen 10-15-12.dwg 10/15/2012 1:34:46 PM EST