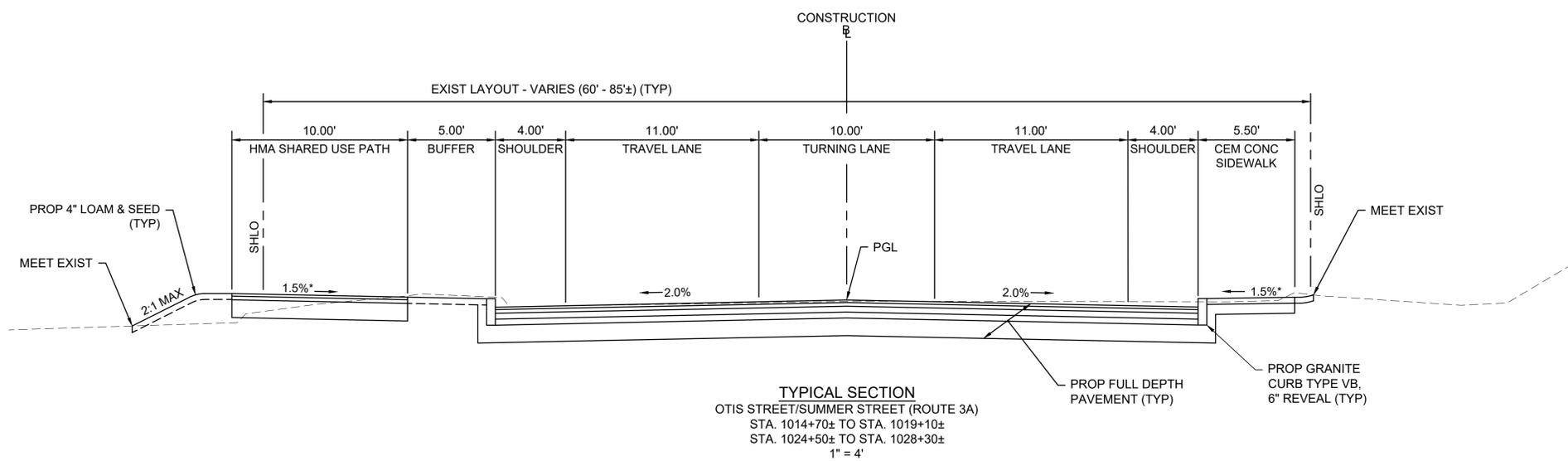


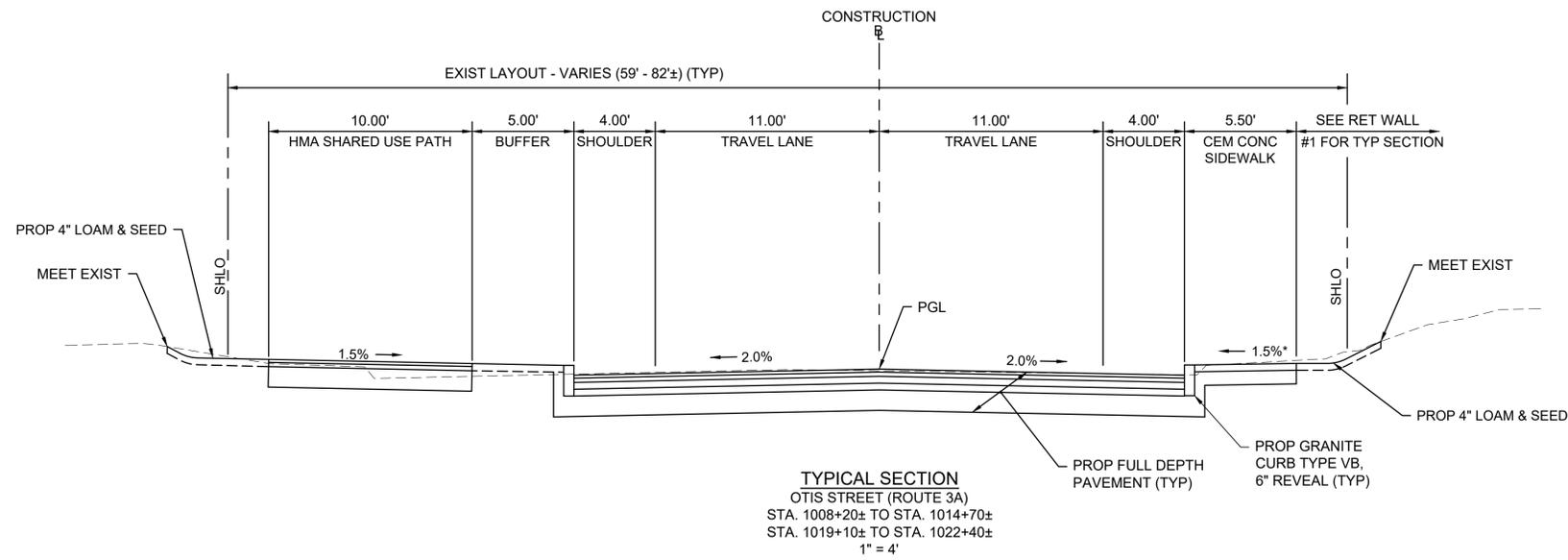
**HINGHAM
ROUTE 3A RECONSTRUCTION**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	9	269
PROJECT FILE NO.		605168	

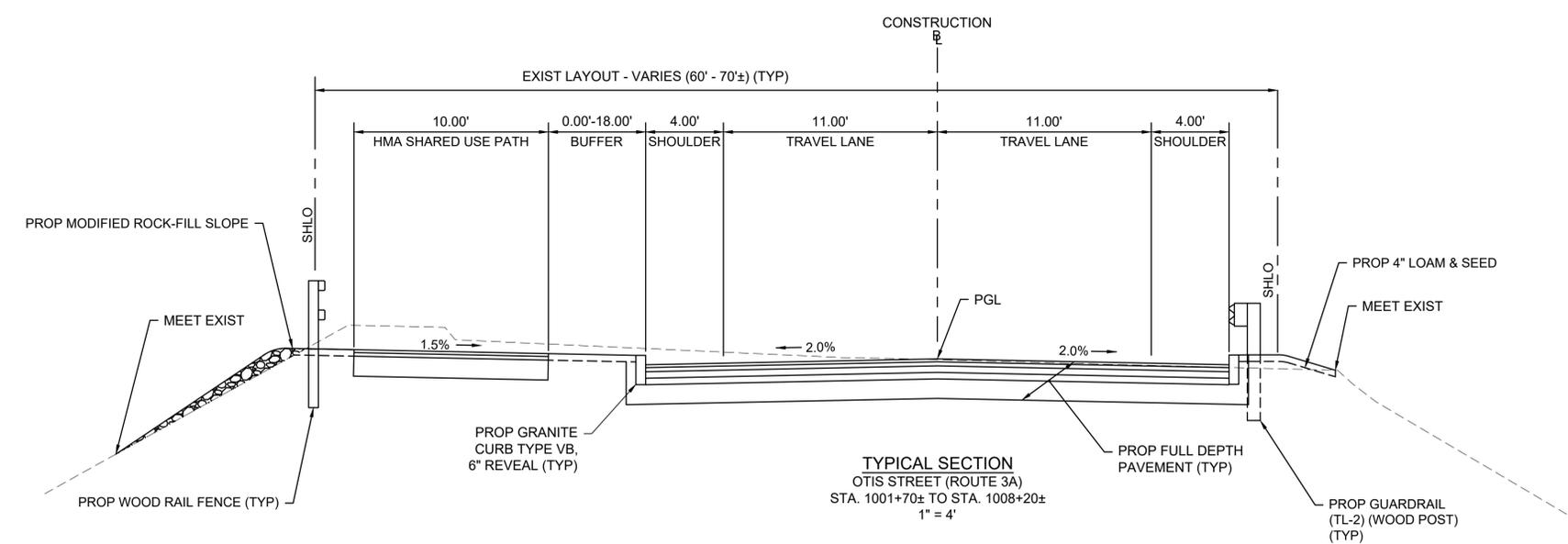
TYPICAL SECTIONS



TYPICAL SECTION
OTIS STREET/SUMMER STREET (ROUTE 3A)
STA. 1014+70± TO STA. 1019+10±
STA. 1024+50± TO STA. 1028+30±
1" = 4'



TYPICAL SECTION
OTIS STREET (ROUTE 3A)
STA. 1008+20± TO STA. 1014+70±
STA. 1019+10± TO STA. 1022+40±
1" = 4'



TYPICAL SECTION
OTIS STREET (ROUTE 3A)
STA. 1001+70± TO STA. 1008+20±
1" = 4'

PAVEMENT NOTES:

PROPOSED FULL DEPTH PAVEMENT (ROUTE 3A)
SURFACE: 1.75" SUPERPAVE SURFACE COURSE ITEM 450.231 (SSC-12.5-P)
INTERMEDIATE: 2.5" SUPERPAVE INTERMEDIATE COURSE 12.5 (SIC-12.5)
BASE: 4" SUPERPAVE BASE COURSE 37.5 (SBC-37.5)
SUBBASE: 4" DENSED GRADED CRUSHED STONE OVER 12" GRAVEL BORROW TYPE B

PROPOSED FULL DEPTH PAVEMENT (SIDE STREETS)
SURFACE: 1.75" SUPERPAVE SURFACE COURSE ITEM 450.231 (SSC-12.5-P)
INTERMEDIATE: 1.75" SUPERPAVE INTERMEDIATE COURSE 12.5 (SIC-12.5)
BASE: 4" SUPERPAVE BASE COURSE 37.5 (SBC-37.5)
SUBBASE: 4" DENSED GRADED CRUSHED STONE OVER 8" GRAVEL BORROW TYPE B

PROPOSED MILLING AND OVERLAY
SURFACE: 1.75" SUPERPAVE SURFACE COURSE ITEM 450.231 (SSC - 12.5-P)
OVER ASPHALT EMULSION FOR TACK COAT OVER 1.75" PAVEMENT MICRO MILLING

PROPOSED CEMENT CONCRETE WALK / WHEELCHAIR RAMP
SURFACE: 4" CEMENT CONCRETE (AIR ENTRAINED 4000 PSI, 3/4", 610)
FOUNDATION: 8" GRAVEL BORROW, TYPE B

PROPOSED ROUNDABOUT TRUCK APRON
SURFACE: 9" STAMPED CEMENT CONCRETE (AIR ENTRAINED 4000 PSI, 3/4", 610)
FOUNDATION: 12" GRAVEL BORROW, TYPE B

PROPOSED CEMENT CONCRETE DRIVEWAY
SURFACE: 6" CEMENT CONCRETE (AIR ENTRAINED 4000 PSI, 3/4", 610)
FOUNDATION: 8" GRAVEL BORROW, TYPE B

PROPOSED HMA WALK
SURFACE: 1.25" HMA SURFACE COURSE - 9.5 (SSC-9.5) OVER 1.75" HMA INTERMEDIATE COURSE - 12.5 (SIC-12.5)
BASE: 8" GRAVEL BORROW, TYPE B

PROPOSED HMA DRIVE
SURFACE: 1.5" HMA SUPERPAVE SURFACE COURSE - 9.5 (SSC-9.5) OVER 2.5" HMA SUPERPAVE INTERMEDIATE COURSE - 12.5 (SIC-12.5)
BASE: 8" GRAVEL BORROW, TYPE B

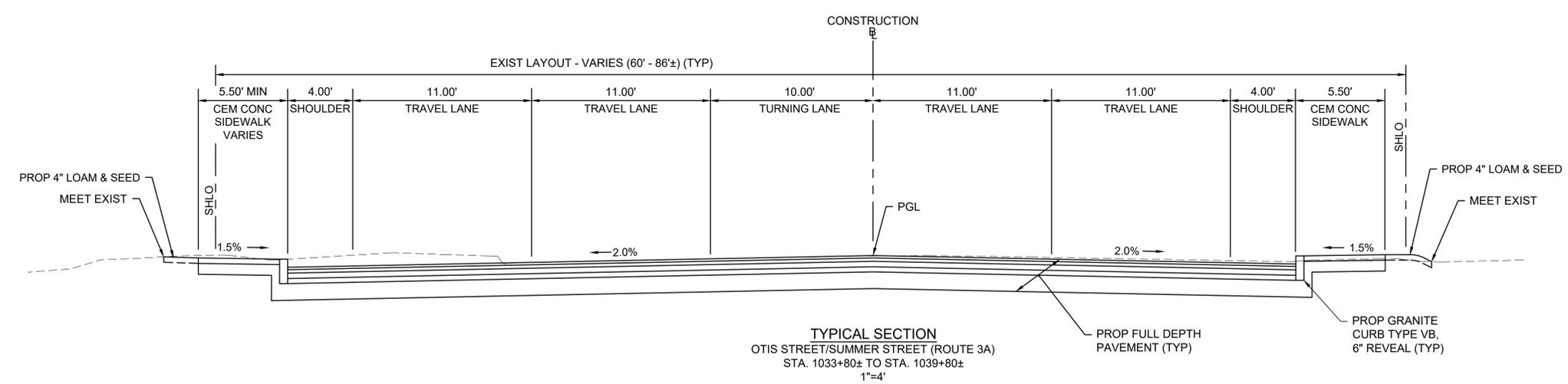
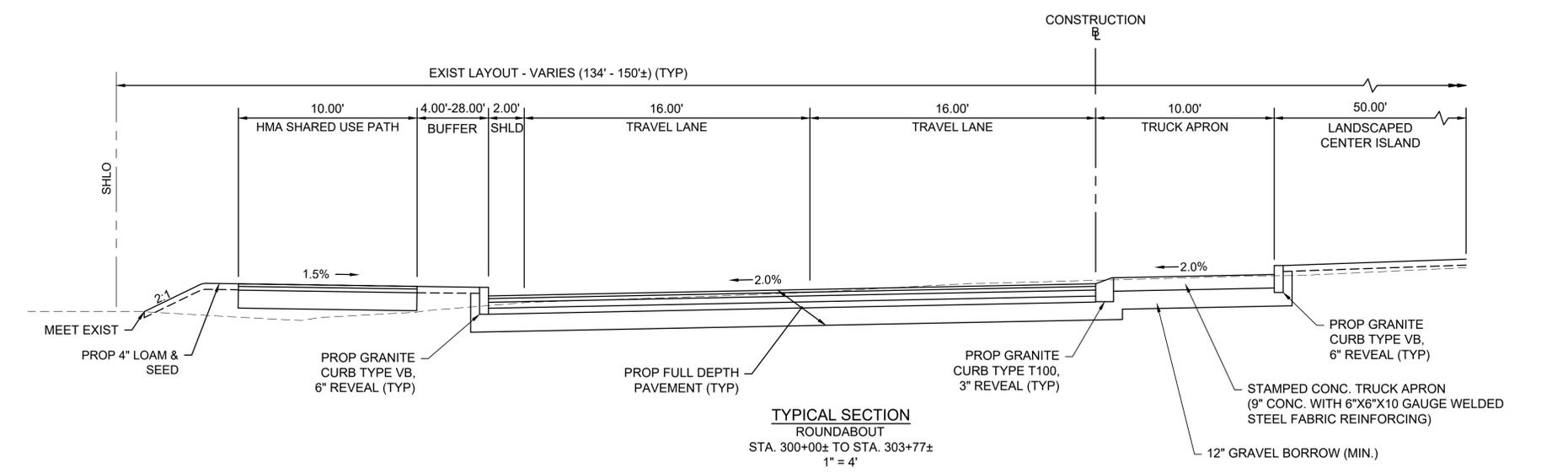
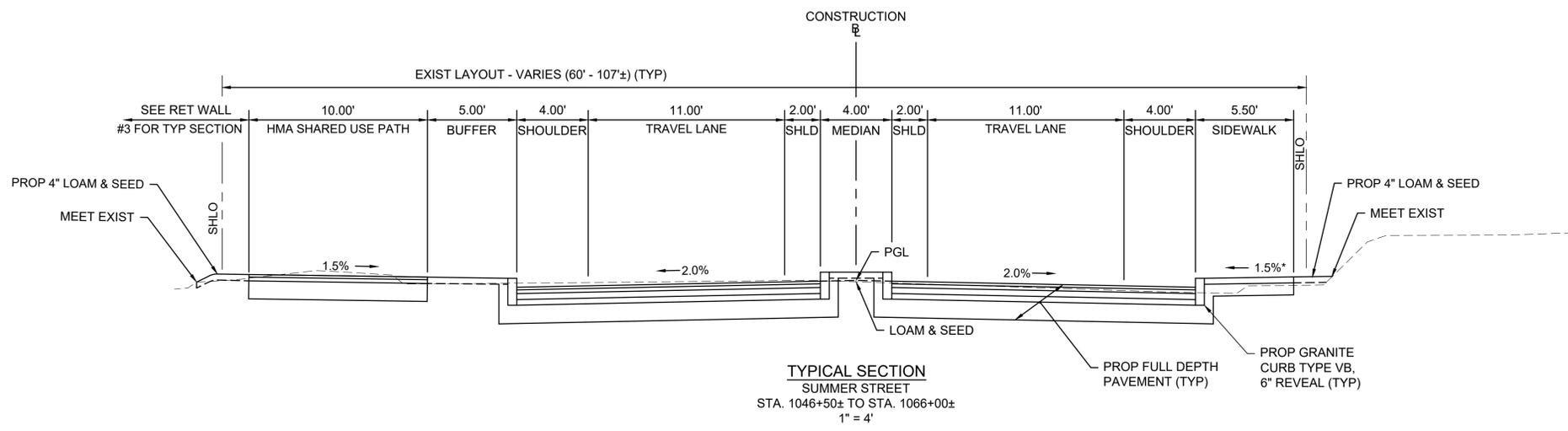
PROPOSED SHARED USE PATH
SURFACE: 1.75" SUPERPAVE SURFACE COURSE 12.5 (SSC-12.5) OVER ASPHALT EMULSION COAT FOR TACK
BASE: 2.5" SUPERPAVE INTERMEDIATE COURSE 19.0 (SIC-19.0)
FOUNDATION: 12" GRAVEL BORROW, TYPE B

*CONSTRUCTION TOLERANCE ±0.5%

**HINGHAM
ROUTE 3A RECONSTRUCTION**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	10	269
PROJECT FILE NO.		605168	

TYPICAL SECTIONS



PROPOSED FULL DEPTH PAVEMENT (ROUTE 3A)
 SURFACE: 1.75" SUPERPAVE SURFACE COURSE ITEM 450.231 (SSC-12.5-P)
 INTERMEDIATE: 2.5" SUPERPAVE INTERMEDIATE COURSE 12.5 (SIC-12.5)
 BASE: 4" SUPERPAVE BASE COURSE 37.5 (SBC-37.5)
 SUBBASE: 4" DENSED GRADED CRUSHED STONE OVER 12" GRAVEL BORROW TYPE B

PROPOSED FULL DEPTH PAVEMENT (SIDE STREETS)
 SURFACE: 1.75" SUPERPAVE SURFACE COURSE ITEM 450.231 (SSC-12.5-P)
 INTERMEDIATE: 1.75" SUPERPAVE INTERMEDIATE COURSE 12.5 (SIC-12.5)
 BASE: 4" SUPERPAVE BASE COURSE 37.5 (SBC-37.5)
 SUBBASE: 4" DENSED GRADED CRUSHED STONE OVER 8" GRAVEL BORROW TYPE B

PROPOSED MILLING AND OVERLAY
 SURFACE: 1.75" SUPERPAVE SURFACE COURSE ITEM 450.231 (SSC - 12.5-P)
 OVER ASPHALT EMULSION FOR TACK COAT OVER 1.75" PAVEMENT MICRO MILLING

PROPOSED CEMENT CONCRETE WALK / WHEELCHAIR RAMP
 SURFACE: 4" CEMENT CONCRETE (AIR ENTRAINED 4000 PSI, 3/4", 610)
 FOUNDATION: 8" GRAVEL BORROW, TYPE B

PROPOSED ROUNDBOUT TRUCK APRON
 SURFACE: 9" STAMPED CEMENT CONCRETE (AIR ENTRAINED 4000 PSI, 3/4", 610)
 FOUNDATION: 12" GRAVEL BORROW, TYPE B

PROPOSED CEMENT CONCRETE DRIVEWAY
 SURFACE: 6" CEMENT CONCRETE (AIR ENTRAINED 4000 PSI, 3/4", 610)
 FOUNDATION: 8" GRAVEL BORROW, TYPE B

PROPOSED HMA WALK
 SURFACE: 1.25" HMA SURFACE COURSE - 9.5 (SSC-9.5) OVER 1.75" HMA INTERMEDIATE COURSE - 12.5 (SIC-12.5)
 BASE: 8" GRAVEL BORROW, TYPE B

PROPOSED HMA DRIVE
 SURFACE: 1.5" HMA SUPERPAVE SURFACE COURSE - 9.5 (SSC-9.5) OVER 2.5" HMA SUPERPAVE INTERMEDIATE COURSE - 12.5 (SIC-12.5)
 BASE: 8" GRAVEL BORROW, TYPE B

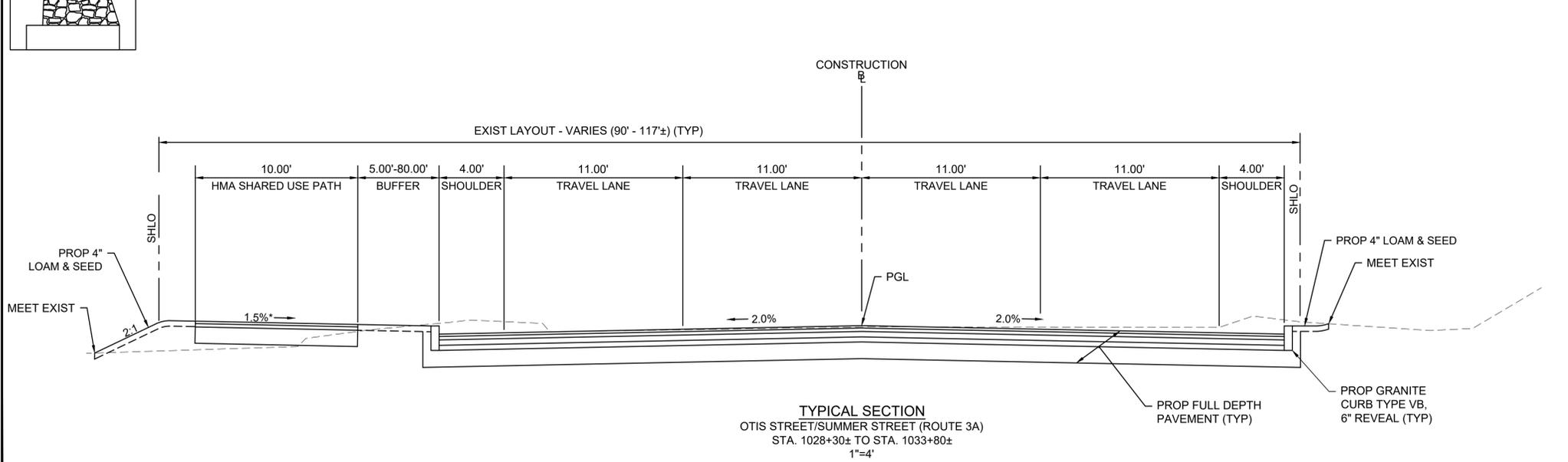
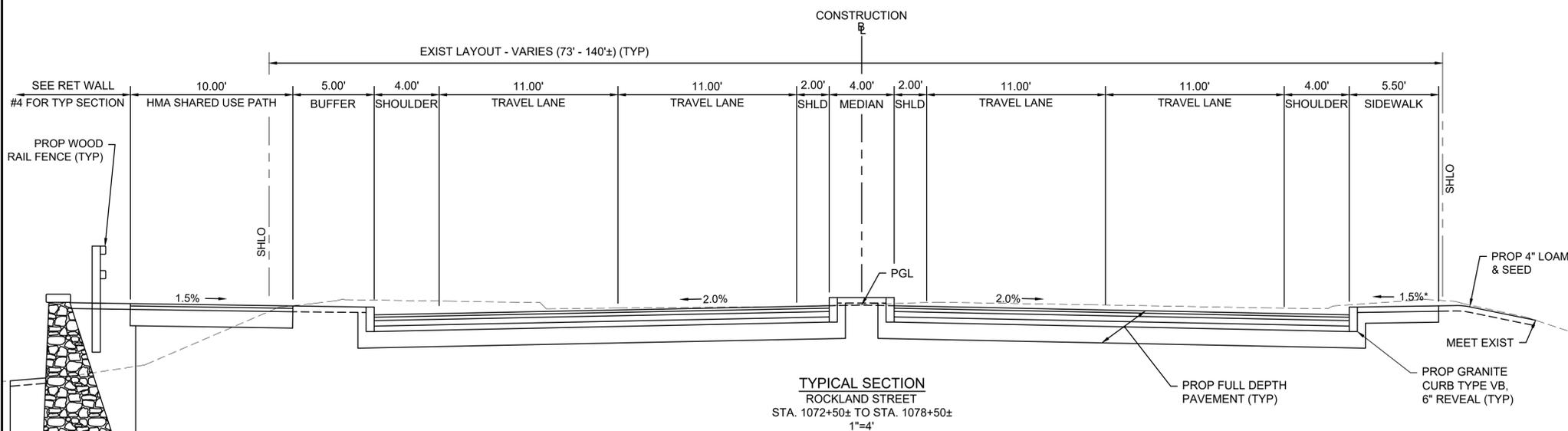
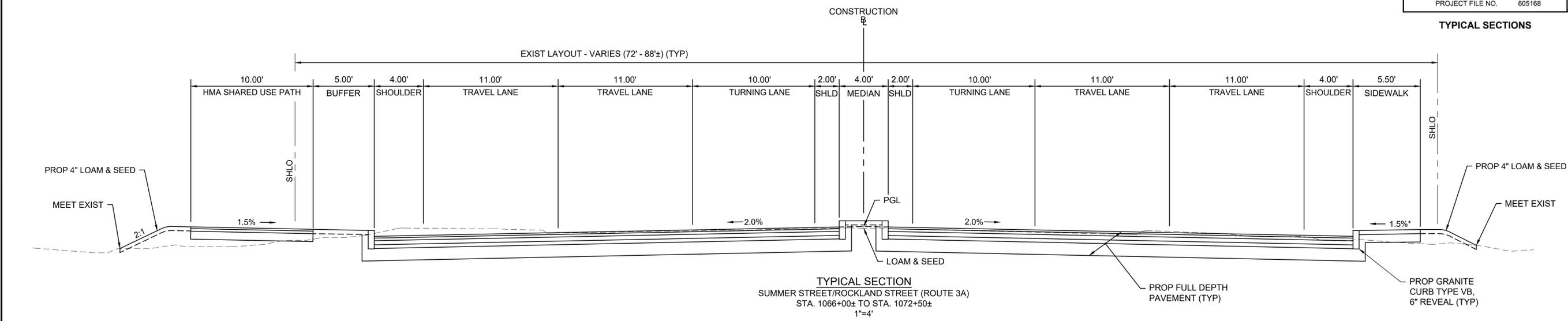
PROPOSED SHARED USE PATH
 SURFACE: 1.75" SUPERPAVE SURFACE COURSE 12.5 (SSC-12.5) OVER ASPHALT EMULSION COAT FOR TACK
 BASE: 2.5" SUPERPAVE INTERMEDIATE COURSE 19.0 (SIC-19.0)
 FOUNDATION: 12" GRAVEL BORROW, TYPE B

*CONSTRUCTION TOLERANCE ±0.5%

**HINGHAM
ROUTE 3A RECONSTRUCTION**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	11	269
PROJECT FILE NO.		605168	

TYPICAL SECTIONS



PROPOSED FULL DEPTH PAVEMENT (ROUTE 3A)
 SURFACE: 1.75" SUPERPAVE SURFACE COURSE ITEM 450.231 (SSC-12.5-P)
 INTERMEDIATE: 2.5" SUPERPAVE INTERMEDIATE COURSE 12.5 (SIC-12.5)
 BASE: 4" SUPERPAVE BASE COURSE 37.5 (SBC-37.5)
 SUBBASE: 4" DENSED GRADED CRUSHED STONE OVER 12" GRAVEL BORROW TYPE B

PROPOSED FULL DEPTH PAVEMENT (SIDE STREETS)
 SURFACE: 1.75" SUPERPAVE SURFACE COURSE ITEM 450.231 (SSC-12.5-P)
 INTERMEDIATE: 1.75" SUPERPAVE INTERMEDIATE COURSE 12.5 (SIC-12.5)
 BASE: 4" SUPERPAVE BASE COURSE 37.5 (SBC-37.5)
 SUBBASE: 4" DENSED GRADED CRUSHED STONE OVER 8" GRAVEL BORROW TYPE B

PROPOSED MILLING AND OVERLAY
 SURFACE: 1.75" SUPERPAVE SURFACE COURSE ITEM 450.231 (SSC - 12.5-P)
 OVER ASPHALT EMULSION FOR TACK COAT OVER 1.75" PAVEMENT MICRO MILLING

PROPOSED CEMENT CONCRETE WALK / WHEELCHAIR RAMP
 SURFACE: 4" CEMENT CONCRETE (AIR ENTRAINED 4000 PSI, 3/4", 610)
 FOUNDATION: 8" GRAVEL BORROW, TYPE B

PROPOSED ROUNDABOUT TRUCK APRON
 SURFACE: 9" STAMPED CEMENT CONCRETE (AIR ENTRAINED 4000 PSI, 3/4", 610)
 FOUNDATION: 12" GRAVEL BORROW, TYPE B

PROPOSED CEMENT CONCRETE DRIVEWAY
 SURFACE: 6" CEMENT CONCRETE (AIR ENTRAINED 4000 PSI, 3/4", 610)
 FOUNDATION: 8" GRAVEL BORROW, TYPE B

PROPOSED HMA WALK
 SURFACE: 1.25" HMA SURFACE COURSE - 9.5 (SSC-9.5) OVER 1.75" HMA INTERMEDIATE COURSE - 12.5 (SIC-12.5)
 BASE: 8" GRAVEL BORROW, TYPE B

PROPOSED HMA DRIVE
 SURFACE: 1.5" HMA SUPERPAVE SURFACE COURSE - 9.5 (SSC-9.5) OVER 2.5" HMA SUPERPAVE INTERMEDIATE COURSE - 12.5 (SIC-12.5)
 BASE: 8" GRAVEL BORROW, TYPE B

PROPOSED SHARED USE PATH
 SURFACE: 1.75" SUPERPAVE SURFACE COURSE 12.5 (SSC-12.5) OVER ASPHALT EMULSION COAT FOR TACK
 BASE: 2.5" SUPERPAVE INTERMEDIATE COURSE 19.0 (SIC-19.0)
 FOUNDATION: 12" GRAVEL BORROW, TYPE B

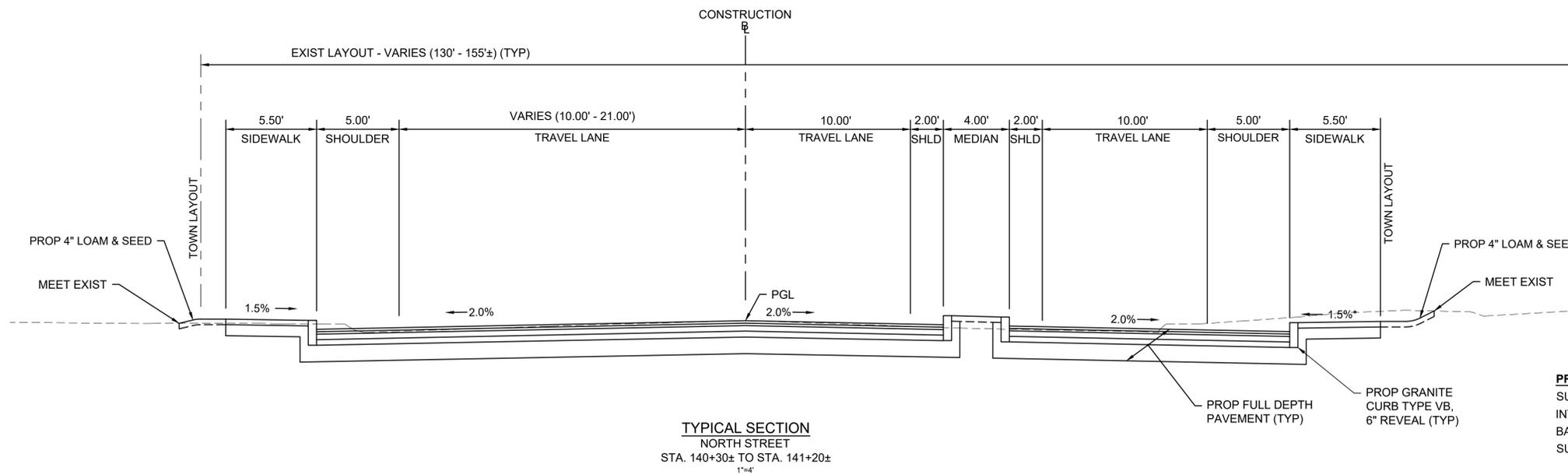
*CONSTRUCTION TOLERANCE ±0.5%

**HINGHAM
ROUTE 3A RECONSTRUCTION**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	12	269
PROJECT FILE NO.		605168	

TYPICAL SECTIONS

605168_HD(TYPICALSECTIONS).DWG Plotted on 12-Feb-2024 3:20 PM



PROPOSED FULL DEPTH PAVEMENT (ROUTE 3A)
 SURFACE: 1.75" SUPERPAVE SURFACE COURSE ITEM 450.231 (SSC-12.5-P)
 INTERMEDIATE: 2.5" SUPERPAVE INTERMEDIATE COURSE 12.5 (SIC-12.5)
 BASE: 4" SUPERPAVE BASE COURSE 37.5 (SBC-37.5)
 SUBBASE: 4" DENSED GRADED CRUSHED STONE OVER 12" GRAVEL BORROW TYPE B

PROPOSED FULL DEPTH PAVEMENT (SIDE STREETS)
 SURFACE: 1.75" SUPERPAVE SURFACE COURSE ITEM 450.231 (SSC-12.5-P)
 INTERMEDIATE: 1.75" SUPERPAVE INTERMEDIATE COURSE 12.5 (SIC-12.5)
 BASE: 4" SUPERPAVE BASE COURSE 37.5 (SBC-37.5)
 SUBBASE: 4" DENSED GRADED CRUSHED STONE OVER 8" GRAVEL BORROW TYPE B

PROPOSED MILLING AND OVERLAY
 SURFACE: 1.75" SUPERPAVE SURFACE COURSE ITEM 450.231 (SSC - 12.5-P)
 OVER ASPHALT EMULSION FOR TACK COAT OVER 1.75" PAVEMENT MICRO MILLING

PROPOSED CEMENT CONCRETE WALK / WHEELCHAIR RAMP
 SURFACE: 4" CEMENT CONCRETE (AIR ENTRAINED 4000 PSI, 3/4", 610)
 FOUNDATION: 8" GRAVEL BORROW, TYPE B

PROPOSED ROUNDABOUT TRUCK APRON
 SURFACE: 9" STAMPED CEMENT CONCRETE (AIR ENTRAINED 4000 PSI, 3/4", 610)
 FOUNDATION: 12" GRAVEL BORROW, TYPE B

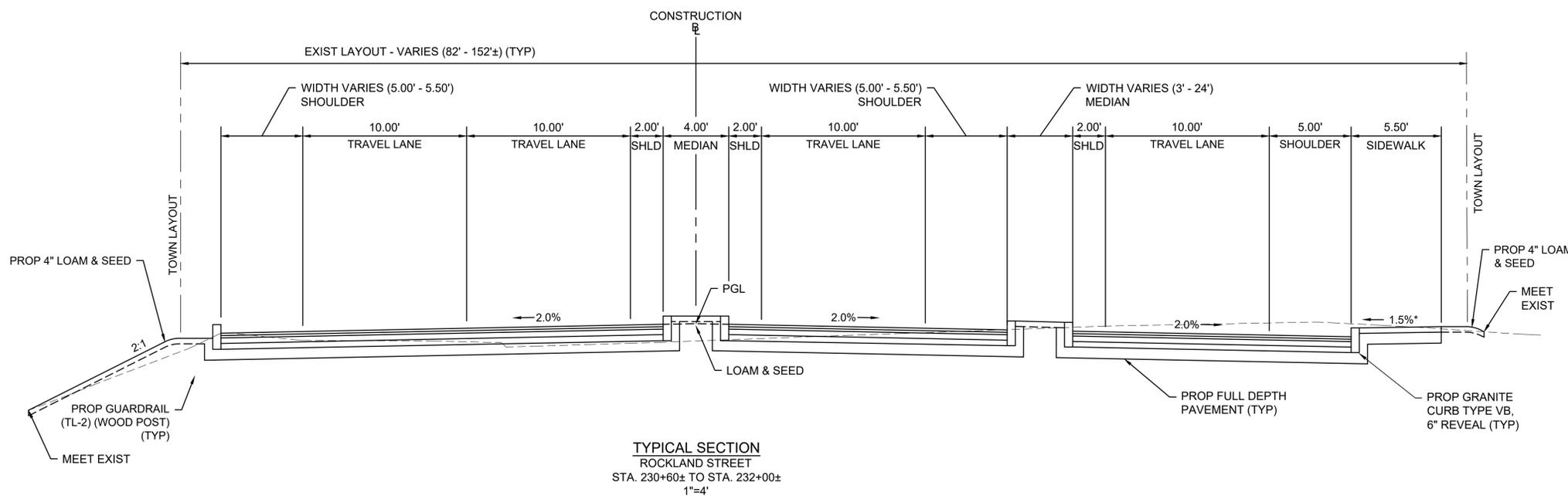
PROPOSED CEMENT CONCRETE DRIVEWAY
 SURFACE: 6" CEMENT CONCRETE (AIR ENTRAINED 4000 PSI, 3/4", 610)
 FOUNDATION: 8" GRAVEL BORROW, TYPE B

PROPOSED HMA WALK
 SURFACE: 1.25" HMA SURFACE COURSE - 9.5 (SSC-9.5) OVER 1.75" HMA INTERMEDIATE COURSE - 12.5 (SIC-12.5)
 BASE: 8" GRAVEL BORROW, TYPE B

PROPOSED HMA DRIVE
 SURFACE: 1.5" HMA SUPERPAVE SURFACE COURSE - 9.5 (SSC-9.5) OVER 2.5" HMA SUPERPAVE INTERMEDIATE COURSE - 12.5 (SIC-12.5)
 BASE: 8" GRAVEL BORROW, TYPE B

PROPOSED SHARED USE PATH
 SURFACE: 1.75" SUPERPAVE SURFACE COURSE 12.5 (SSC-12.5) OVER ASPHALT EMULSION COAT FOR TACK 2.5" SUPERPAVE INTERMEDIATE COURSE 19.0 (SIC-19.0)
 FOUNDATION: 12" GRAVEL BORROW, TYPE B

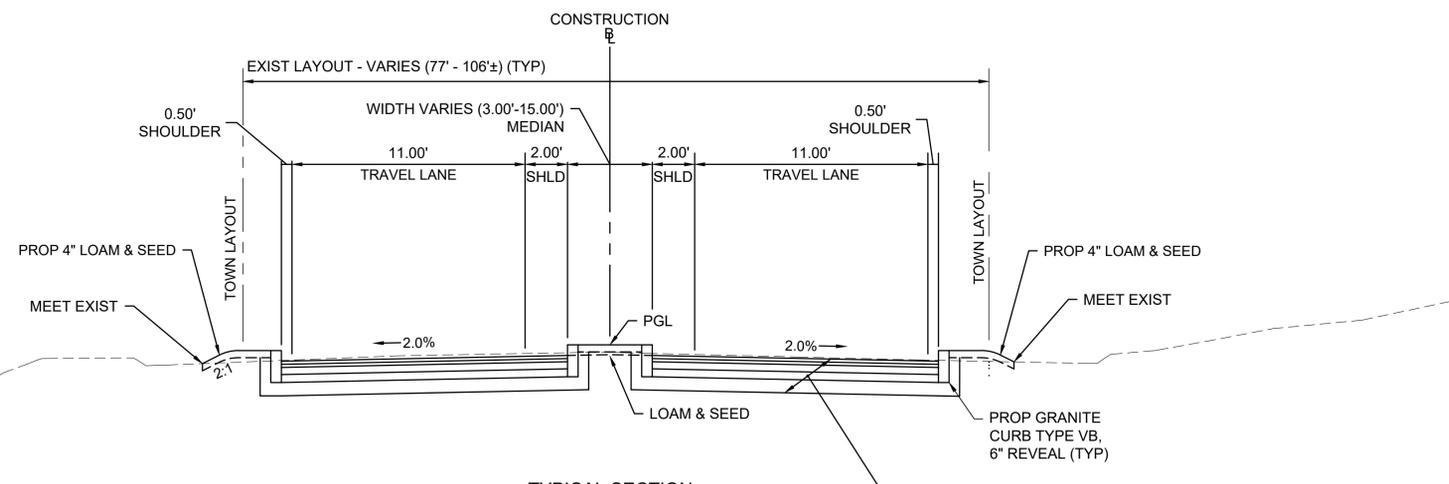
*CONSTRUCTION TOLERANCE ±0.5%



**HINGHAM
ROUTE 3A RECONSTRUCTION**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	13	269
PROJECT FILE NO.		605168	

TYPICAL SECTIONS



TYPICAL SECTION
 OTIS STREET
 STA. 110+00± TO STA. 110+85±
 WATER STREET
 STA. 150+00± TO STA. 150+75±
 GREEN STREET
 STA. 161+00± TO STA. 161+60±
 MARTIN'S LANE
 STA. 220+00± TO STA. 221+30±
 SUMMER STREET
 STA. 210+00± TO STA. 211+20±
 1"=4'

PROPOSED FULL DEPTH PAVEMENT (ROUTE 3A)
 SURFACE: 1.75" SUPERPAVE SURFACE COURSE ITEM 450.231 (SSC-12.5-P)
 INTERMEDIATE: 2.5" SUPERPAVE INTERMEDIATE COURSE 12.5 (SIC-12.5)
 BASE: 4" SUPERPAVE BASE COURSE 37.5 (SBC-37.5)
 SUBBASE: 4" DENSED GRADED CRUSHED STONE OVER
 12" GRAVEL BORROW TYPE B

PROPOSED FULL DEPTH PAVEMENT (SIDE STREETS)
 SURFACE: 1.75" SUPERPAVE SURFACE COURSE ITEM 450.231 (SSC-12.5-P)
 INTERMEDIATE: 1.75" SUPERPAVE INTERMEDIATE COURSE 12.5 (SIC-12.5)
 BASE: 4" SUPERPAVE BASE COURSE 37.5 (SBC-37.5)
 SUBBASE: 4" DENSED GRADED CRUSHED STONE OVER
 8" GRAVEL BORROW TYPE B

PROPOSED MILLING AND OVERLAY
 SURFACE: 1.75" SUPERPAVE SURFACE COURSE ITEM 450.231 (SSC - 12.5-P)
 OVER ASPHALT EMULSION FOR TACK COAT OVER
 1.75" PAVEMENT MICRO MILLING

PROPOSED CEMENT CONCRETE WALK / WHEELCHAIR RAMP
 SURFACE: 4" CEMENT CONCRETE (AIR ENTRAINED 4000 PSI, 3/4", 610)
 FOUNDATION: 8" GRAVEL BORROW, TYPE B

PROPOSED ROUNDABOUT TRUCK APRON
 SURFACE: 9" STAMPED CEMENT CONCRETE (AIR ENTRAINED 4000 PSI, 3/4", 610)
 FOUNDATION: 12" GRAVEL BORROW, TYPE B

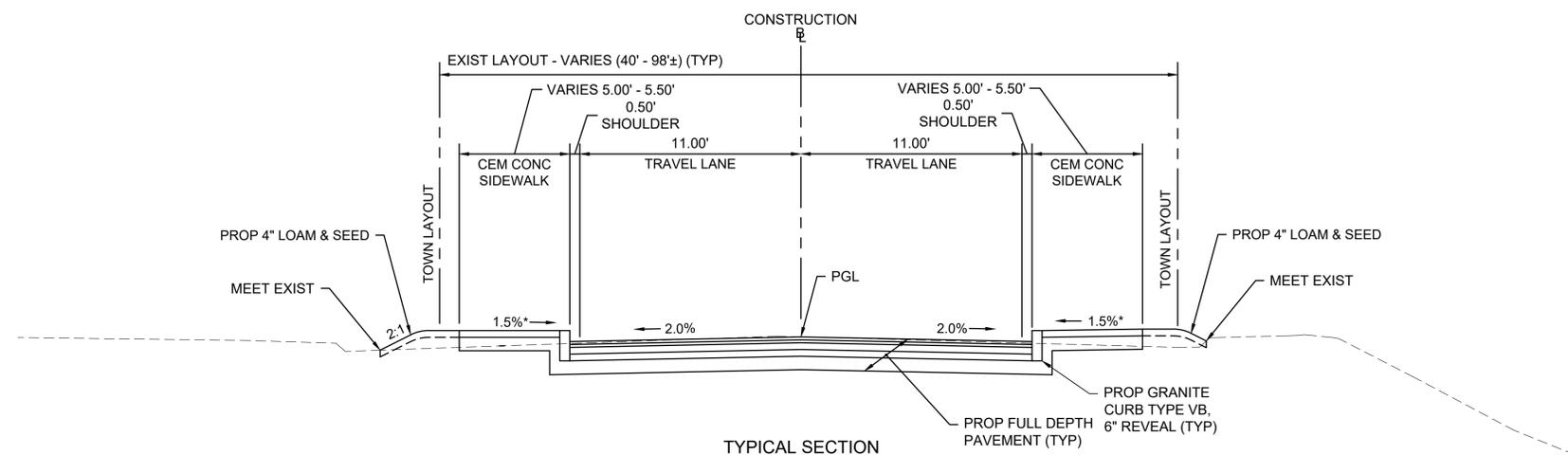
PROPOSED CEMENT CONCRETE DRIVEWAY
 SURFACE: 6" CEMENT CONCRETE (AIR ENTRAINED 4000 PSI, 3/4", 610)
 FOUNDATION: 8" GRAVEL BORROW, TYPE B

PROPOSED HMA WALK
 SURFACE: 1.25" HMA SURFACE COURSE - 9.5 (SSC-9.5) OVER
 1.75" HMA INTERMEDIATE COURSE - 12.5 (SIC-12.5)
 BASE: 8" GRAVEL BORROW, TYPE B

PROPOSED HMA DRIVE
 SURFACE: 1.5" HMA SUPERPAVE SURFACE COURSE - 9.5 (SSC-9.5) OVER
 2.5" HMA SUPERPAVE INTERMEDIATE COURSE - 12.5 (SIC-12.5)
 BASE: 8" GRAVEL BORROW, TYPE B

PROPOSED SHARED USE PATH
 SURFACE: 1.75" SUPERPAVE SURFACE COURSE 12.5 (SSC-12.5) OVER
 ASPHALT EMULSION COAT FOR TACK
 2.5" SUPERPAVE INTERMEDIATE COURSE 19.0 (SIC-19.0)
 FOUNDATION: 12" GRAVEL BORROW, TYPE B

*CONSTRUCTION TOLERANCE ±0.5%



TYPICAL SECTION
 OTIS HILL ROAD
 STA. 100+00± TO STA. 100+40±
 BURDITT AVE
 STA. 120+00± TO STA. 120+60±
 SHIP STREET
 STA. 130+00± TO STA. 131+64±
 BUTTON COVE ROAD
 STA. 180+00± TO STA. 180+50±
 BARNES ROAD
 STA. 190+00± TO STA. 190+40±
 1"=4'