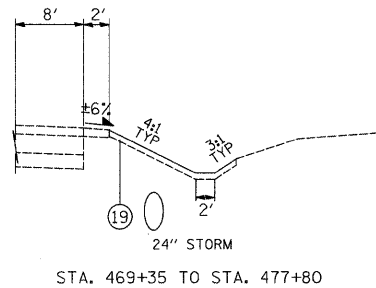


STEARNS ROAD - PCC

STRUCTURAL DESIGN TRAFFIC: YEAR 2020
 PV = 31,450 SU = 170 MU = 2380
 ROAD/STREET CLASSIFICATION: CLASS I
 PERCENT OF STRUCTURE DESIGN TRAFFIC IN DESIGN LANE
 P = 50 S = 50 M = 50
 TRAFFIC FACTOR ACTUAL TF = 2.41
 MINIMUM TF = N/A
 P.C.C. THICKNESS = 10.0 INCHES
 SUBGRADE SUPPORT RATING:
 SSR = POOR

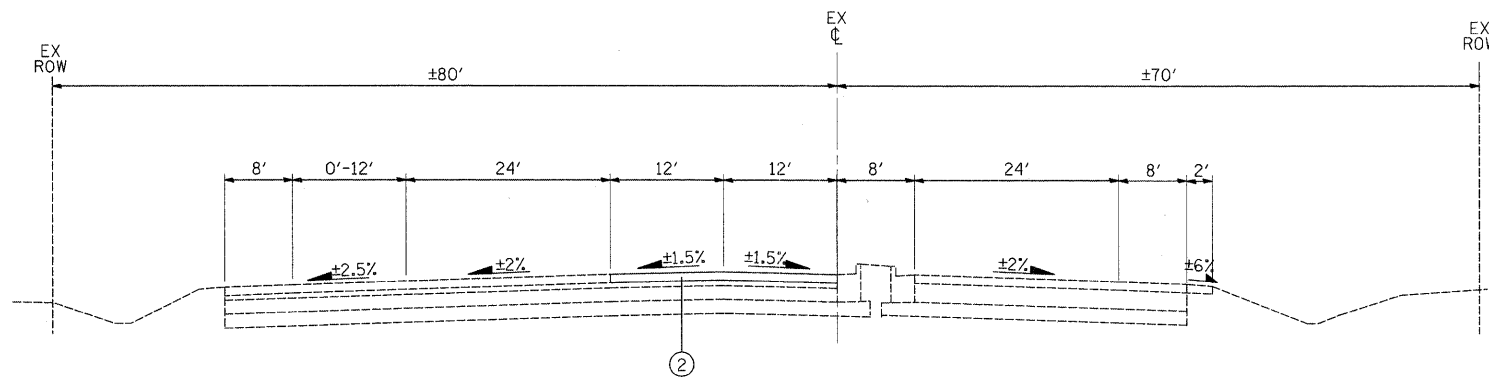
STEARNS ROAD - HMA

STRUCTURAL DESIGN TRAFFIC: YEAR 2020
 PV = 31,450 SU = 170 MU = 2380
 ROAD/STREET CLASSIFICATION: CLASS I
 PERCENT OF STRUCTURE DESIGN TRAFFIC IN DESIGN LANE
 P = 50 S = 50 M = 50
 TRAFFIC FACTOR ACTUAL TF = 2.41
 MINIMUM TF = N/A AC TYPE = AC-78
 PG GRADE: BINDER 8 3/4 INCHES SURFACE = 2 INCHES
 SUBGRADE SUPPORT RATING:
 SSR = POOR

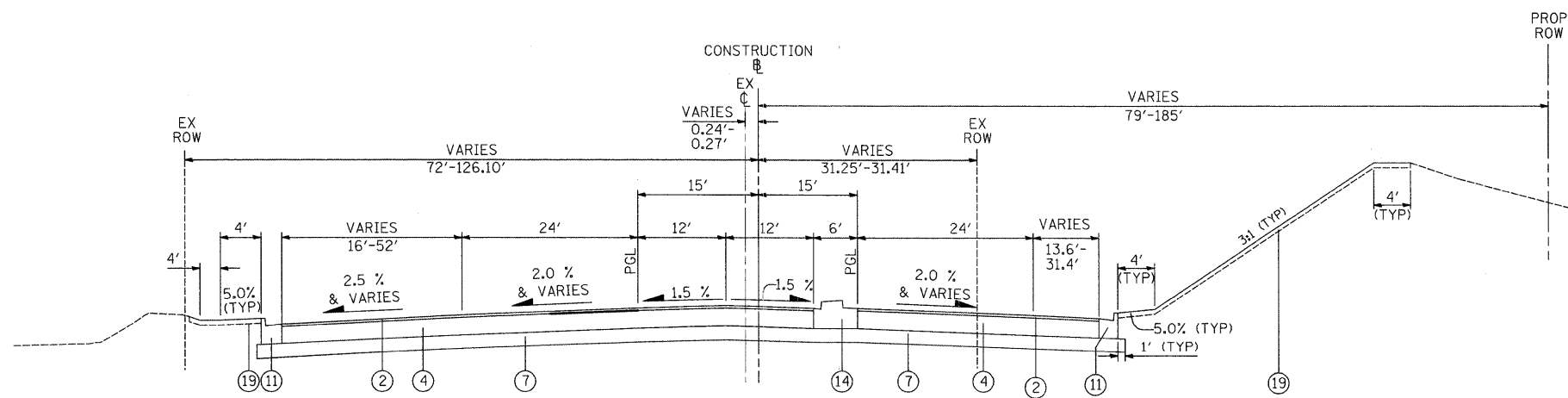


LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) (42000501)
- ② POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2" (40603595)
- ③ NOT USED
- ④ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 8 3/4" (40701896)
- ⑤ EMBANKMENT
- ⑥ SUB-BASE GRANULAR MATERIAL, TYPE B (31101000)
- ⑦ AGGREGATE SUBGRADE 12" (Z0001050)
- ⑧ PORTLAND CEMENT CONCRETE SHOULDERS 6" (SPECIAL)
- ⑨ CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED) (60620200)
- ⑩ AGGREGATE SHOULDERS, TYPE B 6" (48101500)
- ⑪ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (60605000)
- ⑫ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)
- ⑬ CONCRETE GUTTER, TYPE A (60602500)
- ⑭ CONCRETE MEDIAN, TYPE SB-6.24 (60620000)
- ⑮ #6 BARS (EPOXY COATED) 30" LENGTH, @ 30" CENTERS AT PAVEMENT TO PAVEMENT JOINTS
 #6 BARS (EPOXY COATED) 24" LENGTH, @ 24" CENTERS AT PAVEMENT TO SHOULDER JOINTS
 #6 BARS (EPOXY COATED) 24" LENGTH, @ 24" CENTERS AT PAVEMENT TO C&G/MEDIAN JOINTS (INCIDENTAL TO P.C.C. PAVEMENT)
- ⑯ HMA SHOULDERS 6" (48203021)
- ⑰ STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS (63000001)
- ⑱ MECHANICALLY STABILIZED EARTH RETAINING WALL (XX004056)
- ⑲ TOPSOIL FURNISH AND PLACE, 4" (21101615) & SEEDING CLASS 7 (25000350) (SEE LANDSCAPING SHEETS FOR LIMITS OF SEEDING)
- ⑳ TOPSOIL FURNISH AND PLACE, 24" (21101685) & SEEDING CLASS 7 (25000350)



RANDALL ROAD PROPOSED TYPICAL SECTION
 STA. 480+55 TO STA. 486+75.5



STEARNS ROAD PROPOSED TYPICAL SECTION
 STA. 436+15.8 TO STA. 437+50

*PAID FOR AS HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 10 3/4" (40701896)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AC TYPE	VOIDS
HOT-MIX ASPHALT RESURFACING (RANDALL ROAD AND McDONALD ROAD)		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"	SBS/SBR PG 70-22	4% @ 90 GYR.
PROPOSED WIDENING AND RECONSTRUCTION (STEARNS RD AND McDONALD ROAD) FULL DEPTH PAVEMENT		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"	SBS/SBR PG 70-22	4% @ 90 GYR.
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 8-3/4"	SBS/SBR PG 70-22	4% @ 90 GYR.
SHOULDERS		
HOT-MIX ASPHALT SHOULDER, 6"	PG 64-22*	2% @ 30 GYR.
DRIVEWAY (COMMERCIAL DRIVEWAYS)		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"	PG 64-22	4% @ 50 GYR.
HOT-MIX ASPHALT BASE COURSE (HMA BINDER, IL-19 MM), 8"	PG 64-22	4% @ 50 GYR.
TEMPORARY PAVEMENT		
TEMPORARY PAVEMENT 8"	PG 64-22	4% @ 50 Gyr.
PATCHING		
CLASS D PATCHES, TYPE IV, 12 INCH	PG 64-22*	4% @ 70 Gyr.

* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.