

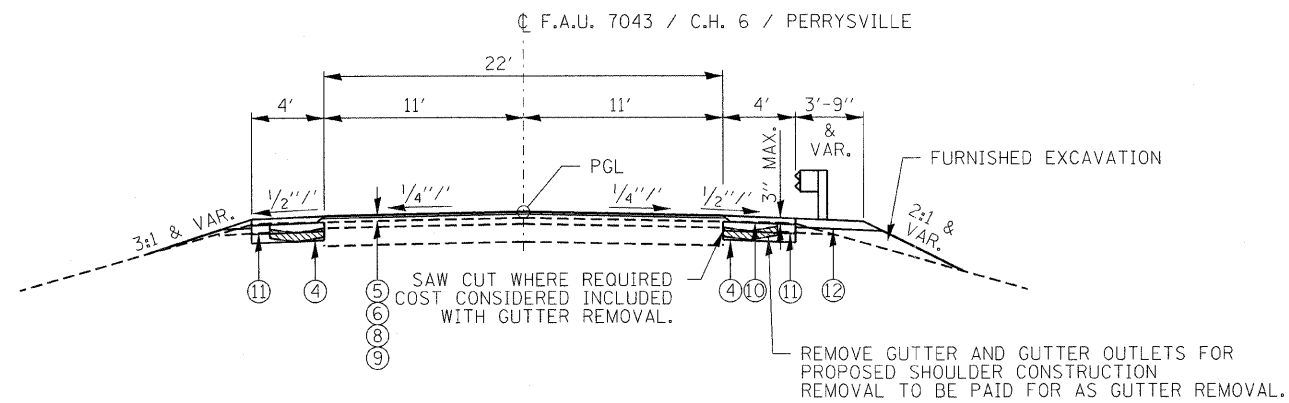
EXISTING TYPICAL CROSS SECTION *

STA. 15+25 TO STA. 16+82.38
 STA. 18+17.63 TO STA. 19+75 * - FROM STA. 16+42.38 TO STA. 16+82.38
 AND FROM STA. 18+17.63 TO STA. 18+57.63
 16 1/2" - 10 1/2" - 16 1/2" BRIDGE APPROACH PAVEMENT

	HMA SURFACE HMA SHOULDERS FINAL TOP LIFT	LEVELING BINDER MM, N50	HMA SHOULDERS LOWER LIFTS LIFT
PG GRADE	PG64-22	PG64-22	PG64-22
DESIGN AIR	4% @	4% @	4% @
VOIDS	N50	N50	N50
RAP % (MAX)	15%	25%	25%
MIXTURE COMPOSITION	IL 9.5	IL 9.5	IL 19.0
FRICTION			
AGGREGATE	MIXTURE C	NA	NA
DENSITY TEST METHOD	SATISFACTION OF ENGINEER	SATISFACTION OF ENGINEER	SATISFACTION OF ENGINEER

PAVEMENT DESIGN (MECHANISTIC)

DESIGN PERIOD 20 YEARS LOADING HS 20-44 (80,000 LBS)
 STRUCTURAL DESIGN TRAFFIC (SDT) = 2022 (4752)
 PV = 4610 SU = 95 MU = 48
 ROAD/STREET CLASSIFICATION: Class II
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE
 P = 50% S = 50% MU = 50%
 TRAFFIC FACTOR ACTUAL TF 0.30 AC TYPE 64-22
 MINIMUM TF
 PG GRADE: BINDER = 64-22 SURFACE = 64-22
 SUBGRADE SUPPORT RATING
 SSR= POOR (STA. 15+25 TO STA. 16+82.38)
 SSR= POOR (STA. 18+17.63 TO STA. 19+75)



PROPOSED TYPICAL CROSS SECTION **

STA. 15+25 TO STA. 16+82.38
 STA. 18+17.63 TO STA. 19+75
 ** - FROM RT. STA. 14+85 TO RT. STA. 15+25
 AND LT. STA. 19+75 TO LT. STA. 20+00
 SHOULDER CONSTRUCTION ONLY
 HOT-MIX ASPHALT SHOULDERS 6"

LEGEND

- ① EXIST HMA PAVEMENT (3")
- ② EXIST CONCRETE PAVEMENT (12" OR 16 1/2")
- ③ EXISTING GUTTER
- ④ SUBBASE GRANULAR MATERIAL, TYPE B (6")
- ⑤ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (1.5")
- ⑥ LEVELING BINDER (MACHINE METHOD), N50
- ⑦ HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINT
- ⑧ BITUMINOUS MATERIALS (PRIME COAT)
- ⑨ AGGREGATE (PRIME COAT)
- ⑩ HOT-MIX ASPHALT SHOULDERS
- ⑪ PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 6"
- ⑫ HOT-MIX ASPHALT SHOULDERS, 6"