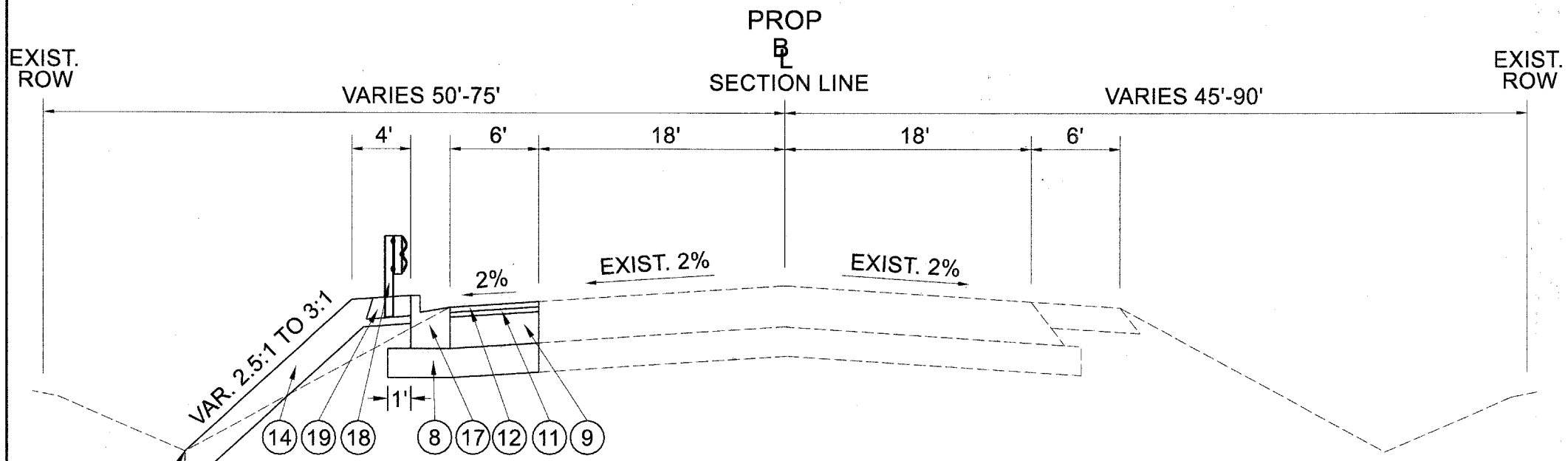


EXISTING TYPICAL SECTION  
SOUTH ARSENAL ROAD  
STA. 191+59 TO STA. 197+59



PROPOSED TYPICAL SECTION  
SOUTH ARSENAL ROAD  
STA. 191+59 TO STA. 197+59

- LEGEND**
- ① EXISTING CHIP AND SEAL (6")
  - ② EXISTING BITUMINOUS PAVEMENT (14")
  - ③ EXISTING AGGREGATE SHOULDERS
  - ④ EXISTING AGGREGATE SUBGRADE
  - ⑤ EXISTING BITUMINOUS SHOULDERS
  - ⑥ TOPSOIL EXCAVATION, 12"
  - ⑦ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1"
  - ⑧ PROPOSED AGGREGATE SUB-GRADE, 12"
  - ⑨ PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING, 10" (3 LIFTS)
  - ⑩ PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL - 19.0, N90, 8" (3 LIFTS)
  - ⑪ PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"
  - ⑫ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2"
  - ⑬ PROPOSED AGGREGATE SHOULDER TYPE B, 8"
  - ⑭ PROPOSED TOPSOIL PLACEMENT, 12" AND SEEDING, CLASS 2A
  - ⑮ PROPOSED GEOTEXTILE FABRIC
  - ⑯ PROPOSED HOT-MIX ASPHALT SHOULDER, 10"
  - ⑰ PROPOSED COMBINATION CURB AND GUTTER, TYPE B-6.24
  - ⑱ PROPOSED STEEL PLATE BEAM GUARDRAIL, TYPE A AND BITUMINOUS SHOULDER STABILIZATION (FROM STA. 193+85 TO STA. 195+52)
  - ⑲ PROPOSED HOT-MIX ASPHALT SHOULDER, 6"
- REMOVAL ITEM

MEET EXISTING

**NOTES**

POURIOUS GRANULAR EMBANKMENT SUBGRADE (PGES) HAS BEEN PROVIDED AT LOCATIONS FOR SOILS WHICH TEND TO BE UNSTABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD BY THE ENGINEER. IF UNSTABLE SOILS ARE ENCOUNTERED THE SOILS SHALL BE REMOVED AND REPLACED WITH PGES. IF UNSTABLE SOIL IS NOT ENCOUNTERED, THEN THE QUANTITY WILL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE THE CONTRACTOR.

HOT-MIX ASPHALT MIX REQUIREMENTS			
USE	ITEM	AC TYPE	VOID
ROADWAY	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2"	SBS PG 76-28/-22	4% @ 80 GYR
	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"	SBS PG 76-28/-22	4% @ 80 GYR
	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N 90, 6" AND 8"	SBR/SBS PG 70-22	4% @ 90 GYR
	HOT-MIX ASPHALT BASE COURSE WIDENING, (HMA BINDER IL-19.0), 10"	SBR/SBS PG 70-22	4% @ 90 GYR
SHOULDERS	HOT-MIX ASPHALT SHOULDER, 6" AND 10"	PG 64-22 *	2% @ 30 GYR

- NOTES:**
- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT MIXTURE QUANTITIES IS 112 LBS/SQ YD/INCH
  - THE UNIT WEIGHT USED TO CALCULATE ALL STONE MATRIX ASPHALT MIXTURE QUANTITIES IS 135 LBS/SQ YD/INCH
- \* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22

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DESIGNED - JRS	REVISED -
DRAWN - DJN	REVISED -
CHECKED - MAR	REVISED -
DATE - 6/16/2008	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**TYPICAL SECTION**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00039-00-FP	WILL	89	4
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 63066				