

HOT-MIX ASPHALT MIXTURE REQUIREMENTS:

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION(S):	STA. 12+50 TO STA. 50+00	STA. 12+50 TO STA. 29+43.19 STA. 31+53.19 TO STA. 50+00	STA. 45+40 TO STA. 46+60	STA. 45+40 TO STA. 46+60
MIXTURE USE(S):	SURFACE COURSE	BINDER COURSE	SHOULDER (SURFACE LIFE)	SHOULDER (LOWER LIFE)
PG	PG64-22	PG64-22	PG64-22	PG64-22
RAP %: (MAX) **	15%	25%	15%	25%
DESIGN AIR VOIDS:	4.0% @ Ndes = 50	4.0% @ Ndes = 50	4.0% @ Ndes = 50	4.0% @ Ndes = 50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-12.5 OR IL-9.5	IL 19.0	IL-12.5 OR IL-9.5	IL 19.0
FRICTION AGGREGATE:	MIXTURE D	N/A	MIXTURE D	N/A

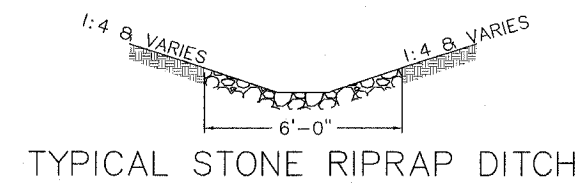
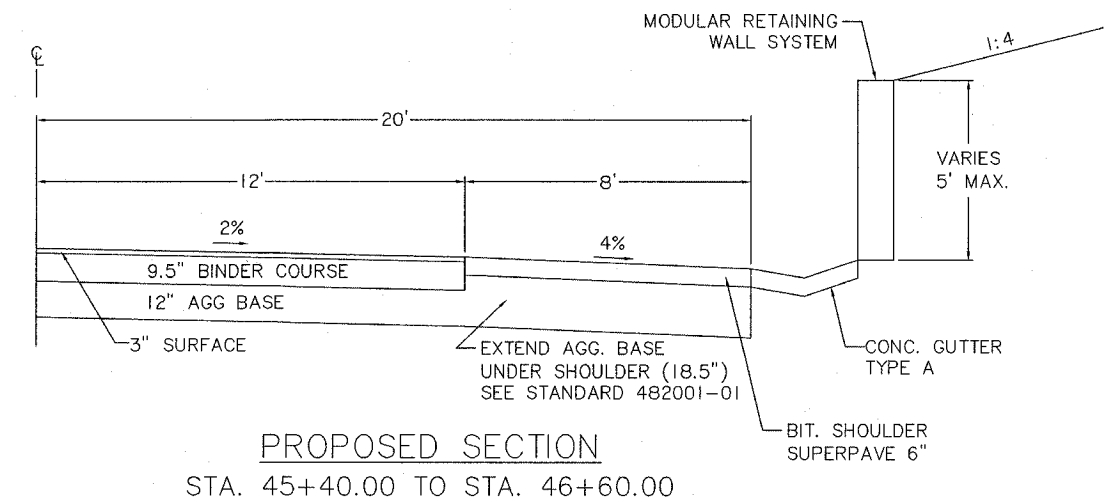
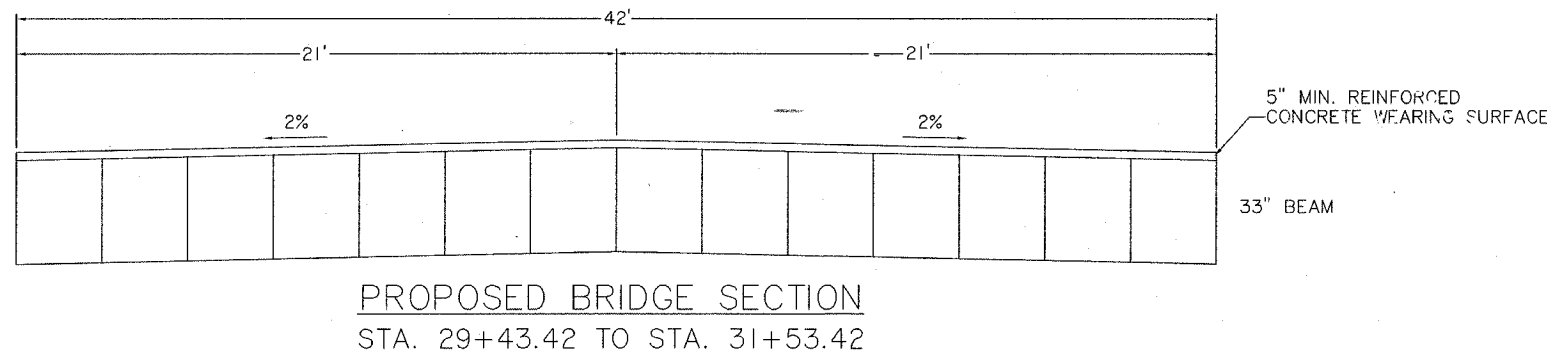
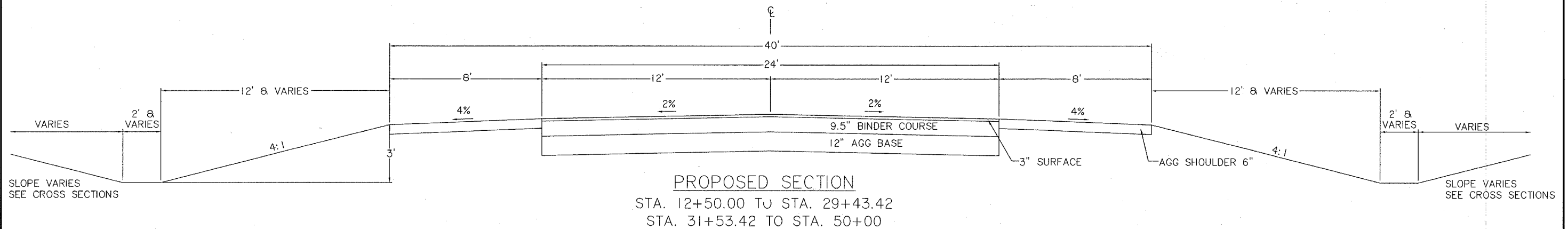
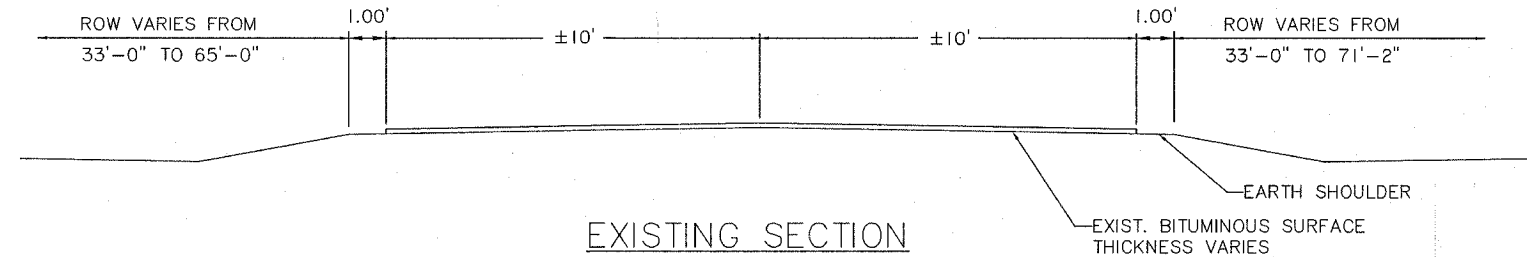
** IF >15% RAP IS USED, THE CONTRACTOR MAY BE REQUIRED TO USE A SOFTER GRADE OF ASPHALT AS DETERMINED BY THE MATERIALS ENGINEER.

FULL DEPTH HOT-MIX ASPHALT PAVEMENT:

STRUCTURAL DESIGN TRAFFIC: YEAR 2027
 PV = 5208 SU = 264 MU = 33
 73,280 POUND LOAD LIMIT
 STREET CLASSIFICATION: CLASS II

PERCENT OF STRUCTURAL TRAFFIC IN DESIGN LANE:
 P = 50 S = 50 M = 50
 TRAFFIC FACTOR: ACTUAL TF = 0.35
 AC TYPE = SEE TABLE
 SUBGRADE SUPPORT RATING: POOR

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 389	93-00049-00-BR	PEORIA	99	2
FED. ROAD DIST. NO.	7	ILLINOIS	PROJECT:	BRS-0389(104)
CONTRACT NO. 89323				



TYPICAL SECTIONS
 STA. 12+50 TO STA. 50+00
 PEORIA COUNTY
 STRUCTURE NO. 072-3145

GENERAL NOTES:

- ALL WORK SHALL BE IN CONFORMANCE WITH APPLICABLE SECTIONS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2007 AND "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" ADOPTED JANUARY 1, 2007
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS 1-800-892-0123.
- A NATIONWIDE 404 PERMIT HAS BEEN OBTAINED FOR THIS PROJECT AND THE CONDITIONS OF THAT PERMIT MUST BE ADHERED TO.
- ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09 UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT TERM CLOSURES.