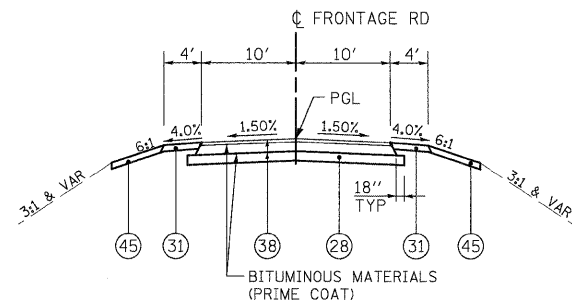
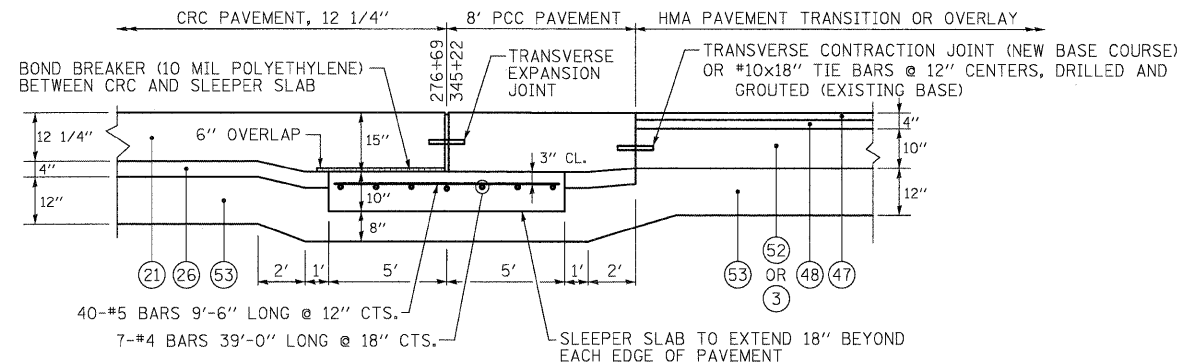


FRONTAGE ROAD EXISTING TYPICAL SECTION



FRONTAGE ROAD PROPOSED TYPICAL SECTION
STA. 512+00.00 TO STA. 516+39.72 (S. FRONTAGE RD)



TRANSVERSE TERMINAL JOINT COMPLETE

THE WIDTH OF THE PAVEMENT AT THE JOINT LOCATIONS IS EITHER 36' OR 37'. ALL COSTS ASSOCIATED WITH THE CONSTRUCTION OF THESE JOINTS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR TRANSVERSE TERMINAL JOINT COMPLETE 36'. NO ADJUSTMENT SHALL BE MADE FOR THE WIDER WIDTH.

HMA MIXTURE REQUIREMENTS

	I-57 AND IL 50			I-57				
	TEMP. PAVEMENTS UNDER STAGED TRAFFIC			PAVEMENT		SHOULDER		
	HMA BINDER BOTTOM LIFT(S)	HMA BINDER TOP LIFT 2 1/4"	HMA SURFACE	HMA STABILIZED SUB-BASE	HMA BINDER	HMA SURFACE	HMA BINDER	HMA SURFACE
PG GRADE **	SBS/PG64-22	SBS/PG70-22	SBS/PG70-22	PG58-22	SBS/PG70-22	SBS/PG70-22	SBS/PG64-22	SBS/PG64-22
DESIGN AIR VOIDS	4.0% @ N90	4.0% @ N90	4.0% @ N90	2.0% @ N30	4.0% @ N90	4.0% @ N90	4.0% @ N90	4.0% @ N90
MIXTURE COMPOSITION	IL 19.0	IL 19.0	IL 12.5 OR IL 9.5	IL 19.0	IL 19.0	IL 12.5 OR IL 9.5	IL 19.0	IL 12.5 OR IL 9.5
FRICTION AGGREGATE			MIXTURE D			MIXTURE E		MIXTURE D
DENSITY TEST METHOD	CORES/ CORRELATION	CORES/ CORRELATION	CORES/ CORRELATION	CORES/ CORRELATION	CORES/ CORRELATION	CORES/ CORRELATION	CORES/ CORRELATION	CORES/ CORRELATION

	IL 50		FRONTAGE ROAD		SHARED PATH
	HMA LEVEL BINDER	HMA SURFACE	HMA BINDER	HMA SURFACE	HMA SURFACE
PG GRADE **	SBS/PG70-22	SBS/PG70-22	PG64-22	PG64-22	PG58-22
DESIGN AIR VOIDS	4.0% @ N90	4.0% @ N90	4.0% @ N50	4.0% @ N50	4.0% @ N30
MIXTURE COMPOSITION	IL 9.5	IL 12.5 OR IL 9.5	IL 19.0	IL 12.5 OR IL 9.5	IL 9.5
FRICTION AGGREGATE		MIXTURE E		MIXTURE C	MIXTURE C
DENSITY TEST METHOD	CORES/ CORRELATION	CORES/ CORRELATION	CORES	CORES/ CORRELATION	CORES/ CORRELATION

** WHEN RAP EXCEEDS 20%, THE VIRGIN ASPHALT BINDER SHALL BE REDUCED BY ONE GRADE (I.E. 25% RAP WOULD REQUIRE A VIRGIN ASPHALT BINDER GRADE OF PG64-22 TO BE REDUCED TO A PG58-22)

LEGEND - EXISTING

- ① BITUMINOUS OVERLAY, (VARIES) 7" TO 7 1/4"
- ② BITUMINOUS OVERLAY, (VARIES) 3" TO 3 5/8"
- ③ P.C.C. PAVEMENT, 10"
- ④ SUB-BASE GRANULAR MATERIAL, 6"
- ⑤ SUB-BASE GRANULAR MATERIAL, 4"
- ⑥ BITUMINOUS SHOULDER, (VARIES) 10" TO 11 1/4"
- ⑦ BITUMINOUS SHOULDER, 8 3/4"
- ⑧ BITUMINOUS SHOULDER, 7"
- ⑨ CAM SHOULDER, 10"
- ⑩ CAM SHOULDER, 6"
- ⑪ AGGREGATE SHOULDER
- ⑫ TYPE B-6.12 CURB & GUTTER
- ⑬ BITUMINOUS CONCRETE SURFACE COURSE, 1 1/2"
- ⑭ EXISTING GROUND
- ⑮ BRIDGE PIER
- ⑯ CONCRETE DITCH
- ⑰ SUBSURFACE DRAINAGE SYSTEM
- ⑱ DRAINAGE DITCH
- ⑲ CONCRETE SLOPE WALL

LEGEND - PROPOSED

- ⑳ CONTINUOUSLY REINFORCED CONCRETE PAVEMENT, 12 1/4"
- ㉑ PORTLAND CEMENT CONCRETE SHOULDERS, 12 1/4"
- ㉒ PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED), 10"
- ㉓ PORTLAND CEMENT CONCRETE SHOULDERS, 10"
- ㉔ PAVEMENT REINFORCEMENT
- ㉕ STABILIZED SUBBASE - HMA, 4"
- ㉖ SUBBASE GRANULAR MATERIAL, TYPE A, 12"
- ㉗ SUBBASE GRANULAR MATERIAL, TYPE A, 6"
- ㉘ SUBBASE GRANULAR MATERIAL, TYPE C
- ㉙ AGGREGATE SHOULDER, TYPE B, 12"
- ㉚ AGGREGATE SHOULDER, TYPE B, 4"
- ㉛ AGGREGATE SHOULDER, TYPE B, 10"
- ㉜ CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT, AND BASE
- ㉝ COMBINATION CONCRETE CURB & GUTTER, TYPE B6.24
- ㉞ CONCRETE MEDIAN SURFACE, 4 INCH
- ㉟ PAVEMENT FABRIC
- ㊱ INCIDENTAL HOT-MIX ASPHALT SURFACING, 2"
- ㊲ HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH) 8" HMA SURFACE COURSE, MIX "C", N50, 2" HMA BINDER, IL-19.0 N50, 6"
- ㊳ PAVEMENT TO PAVEMENT (LONGITUDINAL SAWED JOINT) #6 TIE BAR (EPOXY COATED) 30" LONG @ 30" C-C
- ㊴ PAVEMENT TO PAVEMENT (LONGITUDINAL CONSTRUCTION JOINT) #6 TIE BAR (EPOXY COATED) 30" LONG @ 24" C-C (FORM IN PLACE) OR #6 TIE BAR (EPOXY COATED) 24" LONG @ 24" C-C (GROUT IN PLACE)
- ㊵ PAVEMENT TO SHOULDER (LONGITUDINAL CONSTRUCTION JOINT) #6 TIE BAR (EPOXY COATED) 30" LONG @ 24" C-C
- ㊶ #6 TIE BAR (EPOXY COATED) 12" LONG @ 30" C-C
- ㊷ #6 TIE BAR (EPOXY COATED) 30" LONG @ 24" C-C
- ㊸ PIPE UNDERDRAIN, 4" (MODIFIED) - 36" NOMINAL DEPTH BELOW BOTTOM OF CONCRETE PAVEMENT OR BASE COURSE
- ㊹ TOPSOIL EXCAVATION AND PLACEMENT (4") WITH SEEDING, TY VARIES
- ㊺ BRIDGE PIER: SEE STRUCTURAL DRAWINGS FOR DETAILS
- ㊻ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N90, 1 3/4"
- ㊼ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 2 1/4"
- ㊽ VARIABLE DEPTH BINDER PAID FOR AS HMA BINDER COURSE, IL-19.0, N90
- ㊾ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90, 1 1/2"
- ㊿ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 2 1/4"
- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N90, 1 3/4"
- ② PORTLAND CEMENT CONCRETE BASE COURSE, 10"
- ③ AGGREGATE SUBGRADE 12"

FILE NAME = I:\Dgn\sheets\ts208.dgn
USER NAME = E-116G
PLOT SCALE = 1:10
PLOT DATE = 12/22/2010

DESIGNED - JTF
DRAWN - JTF
CHECKED - E.JG
DATE - 12/17/10

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED TYPICAL SECTIONS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-2) I, HBR, VBR	KANKAKEE	558	22
FED. ROAD DIST. NO. 3 (ILLINOIS) FED. AID PROJECT			CONTRACT NO. 66409	