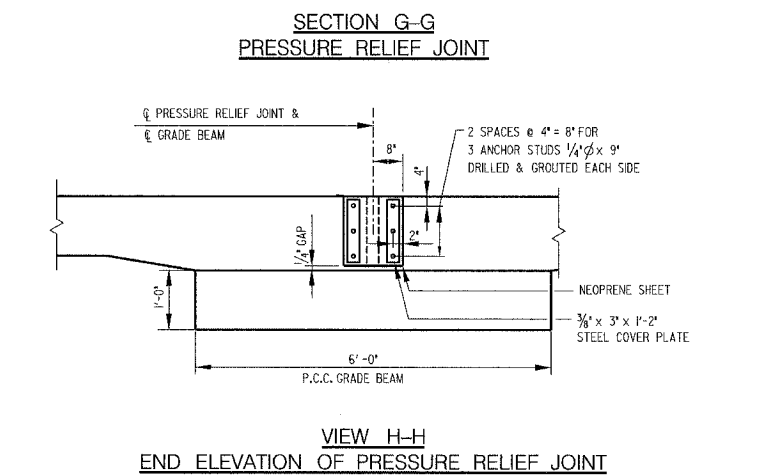
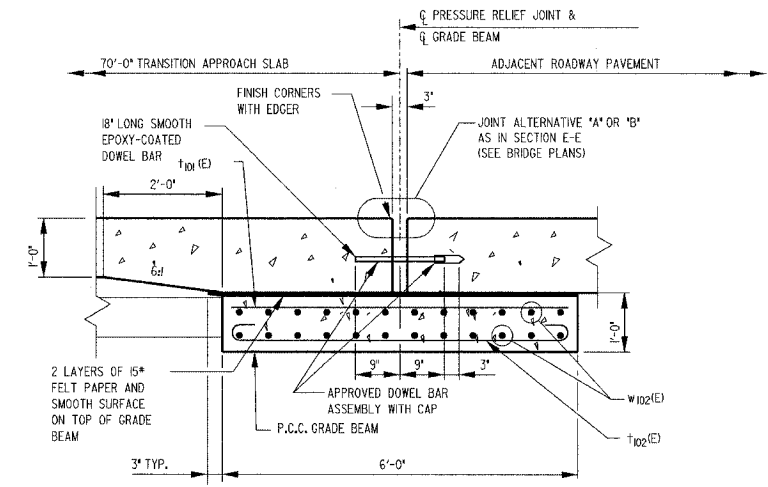
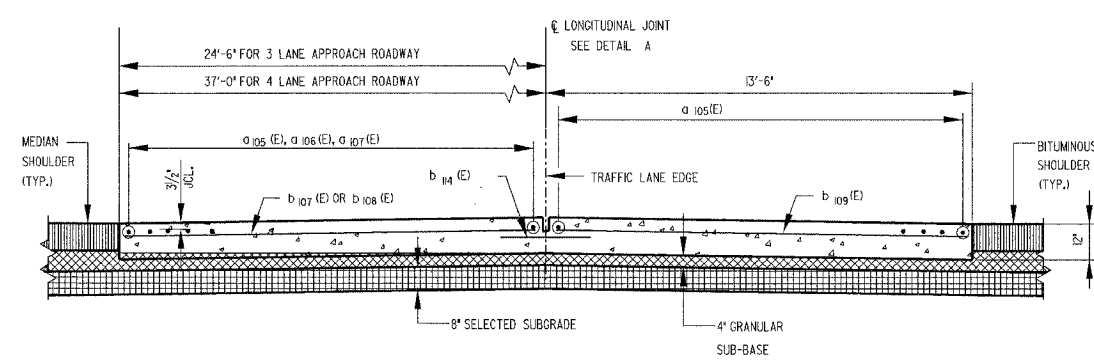
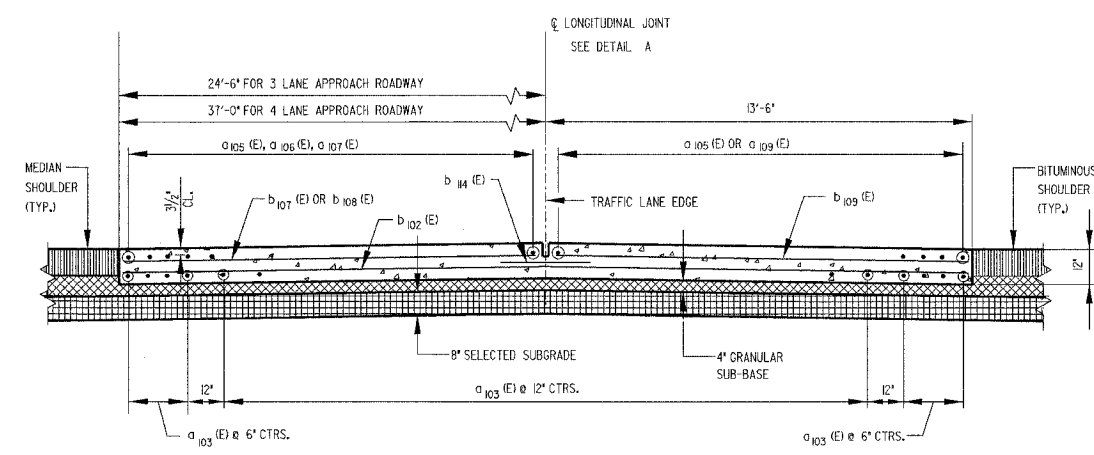
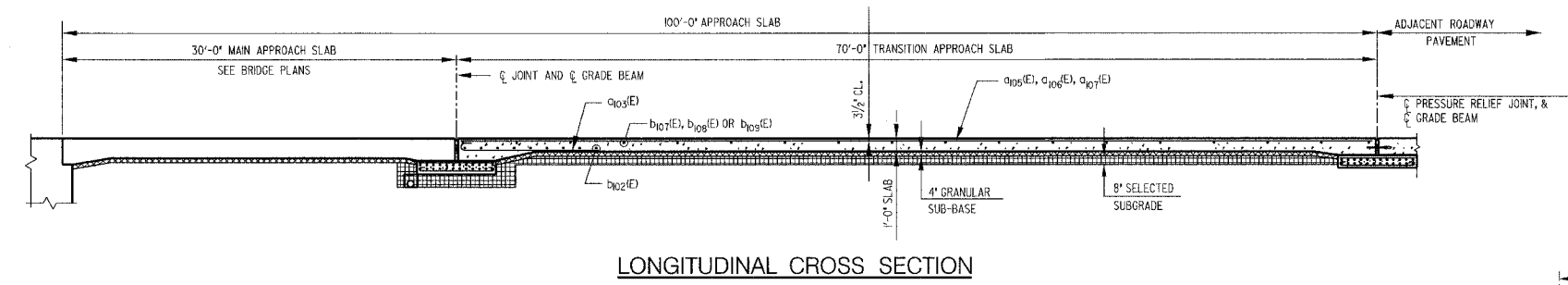


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	I29K	WINNEBAGO	585	231
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# TRANSITION APPROACH SLAB NOTES & DETAILS

## NOTES:

- USE 1'-4" MIN. LAP FOR #4 BARS. USE 1'-8" MIN. LAP FOR #5 BARS.
- CUT REINFORCEMENT IN THE FIELD TO FIT THE SKEW AND USE REMAINDER IN OPPOSITE END.
- SAW CUT 3/8" x 2" DEEP JOINT AND FILL WITH HOT POURED, LOW MODULUS, POLYMER SEALANT MEETING THE REQUIREMENTS OF ASTM D3405.
- TOOL EDGES OF EXPANSION AND PRESSURE RELIEF JOINTS TO 1/4" RADIUS.
- STRUCTURAL SUBDRAIN (FILTER FABRIC) (6") AT GRADE BEAM SHALL FLOW TO AND BE CONNECTED TO STRUCTURAL SUBDRAIN BEHIND WINGWALL OR RETAINING WALL OR DAYLIGHT NEAR TOE OF EMBANKMENT. STRUCTURAL SUBDRAIN (FILTER FABRIC) (6") SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 607 OF THE STANDARD SPECIFICATIONS AND PAID FOR AS PAY ITEM 607C1.
- REINFORCING BARS SHALL MEET THE REQUIREMENTS OF AASHTO M31 (ASTM A615), GRADE 60, AND SHALL CONFORM TO SUBSECTIONS 504.1 THRU 504.6 OF THE STANDARD SPECIFICATIONS.
- REINFORCING BARS DESIGNATED '(E)' SHALL BE EPOXY COATED.
- REINFORCEMENT BENDING DETAILS SHALL BE IN ACCORDANCE WITH AMERICAN CONCRETE INSTITUTE (ACI)315, LATEST EDITION.
- REINFORCEMENT BAR BENDING DIMENSIONS ARE OUT TO OUT.
- EXPOSED CONCRETE EDGES SHALL HAVE 3/4"x45° CHAMFERS. CHAMFERS ON VERTICAL EDGES SHALL BE CONTINUED A MINIMUM OF ONE FOOT BELOW GROUND LEVEL.
- THE NOTATION MxN #4a ETC. FOR REINFORCING BARS IS DEFINED AS M LINES OF BARS WITH N LENGTHS PER LINE.
- CUT REINFORCEMENT IN THE FIELD TO FIT SKEW AND PLACE REMAINDER IN ADJACENT AREA OR DISCARD OFF SITE.
- IN THE CORNERS OF THE GRADE BEAM, THE CONCRETE SHALL BE BLOCKED OUT AND THE REINFORCING STEEL SHALL BE RESPACED (OR CUT) FOR GUARDRAIL POSTS, DRAINAGE STRUCTURES, NOISE ABATEMENT WALLS, ETC. AS NECESSARY AND AS APPROVED BY THE ENGINEER.
- HOT POURED, LOW MODULUS, POLYMER SEALANT SHALL MEET THE REQUIREMENTS OF ASTM D 3405.
- REFERENCE TO LONGITUDINAL CONSTRUCTION JOINTS; THESE BARS SHALL BE CUT TO FIT LENGTHS SHOWN IN THE REINFORCING BAR SCHEDULE FOR THE CONSTRUCTION JOINT. THESE BARS MAY BE REPLACED BY ALTERNATIVE BARS AND LENGTHS AS SHOWN IN THE DESIGN PLANS.
- CONCRETE SEALANT SHALL BE APPLIED TO TOP AND TRAFFIC FACES OF MEDIAN AND OUTSIDE BARRIERS.

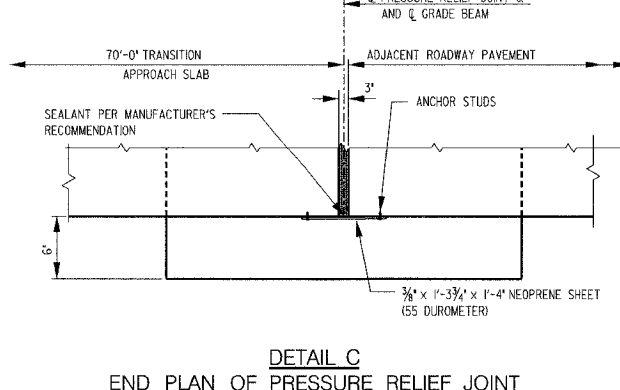
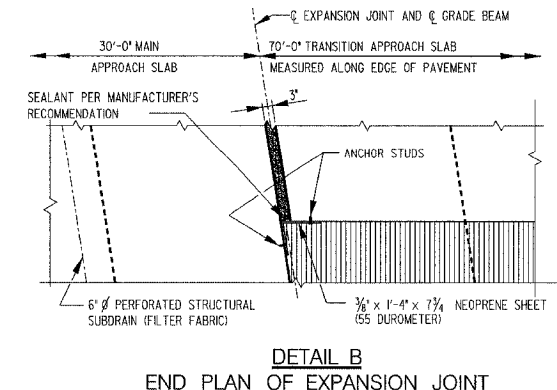
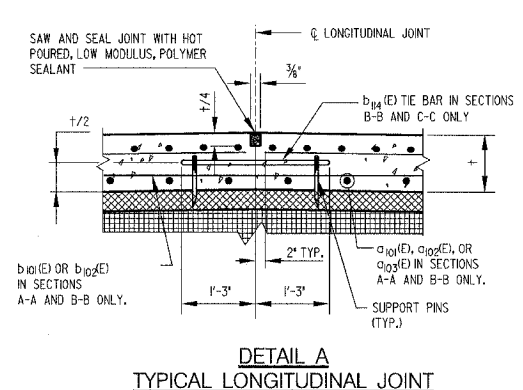


## LEGEND:

- CONCRETE
- BITUMINOUS SHOULDER
- BITUMINOUS BASE COURSE, SPECIAL
- JOINT SEALANT
- AGGREGATE BASE COURSE, SPECIAL
- PERFORMED JOINT FILLER

## NOTES:

- FOR REINFORCEMENT BARS IN APPROACH SLABS, SEE TYPICAL SECTIONS - TRANSITION APPROACH SLAB
- IN SECTION F-F AND VIEW H-H, ANCHOR STUDS SHALL BE INSTALLED IN ACCORDANCE WITH SECTION #507 OF THE STANDARD SPECIFICATIONS. STEEL PLATES, BOLTS, NUTS AND WASHERS SHALL BE GALVANIZED.
- THE THICKNESSES OF BITUMINOUS BASE COURSE, SPECIAL AND AGGREGATE BASE COURSE, SPECIAL SHALL BE THE SAME AS THEY ARE FOR THE ADJACENT PAVEMENT SECTIONS.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**TRANSITION APPROACH SLAB NOTES & DETAILS**

SCALE: VERT. N/A  
 HORIZ. N/A  
 DATE: SEPTEMBER 14, 2005

DRAWN BY: BSL  
 CHECKED BY: JTT