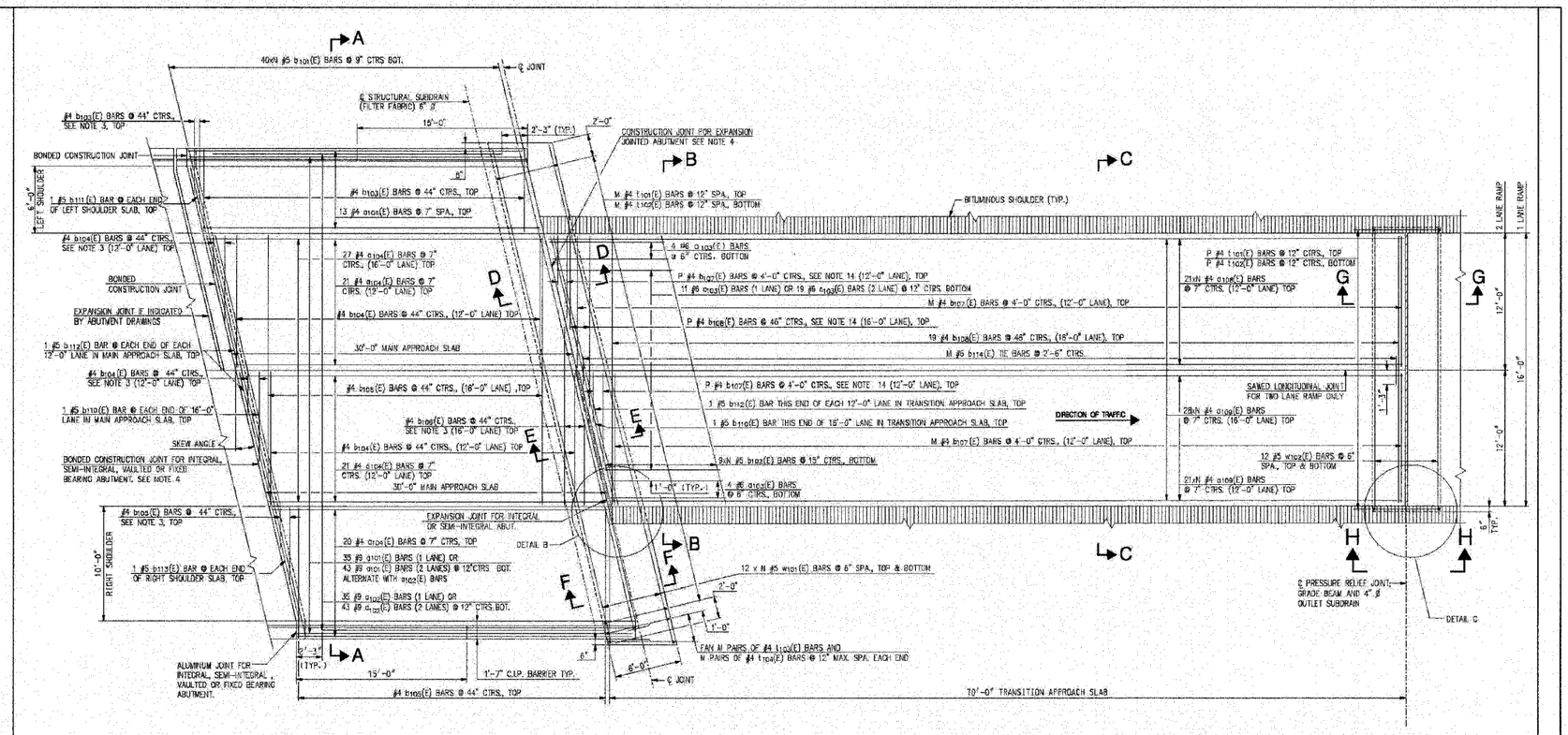
• (0203.1 & 0312-708W) R-3 CONTRACT NO. 62108

FAI RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	•	COOK	870	756
STA.		TO STA.		
FED ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



PLAN

NOTES:

1. TILT HOOK OF #9 BARS FOR MINIMUM 3 1/2 " CLEARANCE.
2. USE 1'-4" MIN. LAP FOR #4 BARS. USE 1'-8" MIN. LAP FOR #5 BARS.
3. CUT REINFORCEMENT IN THE FIELD TO FIT THE SKEW AND USE REMAINDER IN OPPOSITE END.
4. SAW CUT 3/8 " x 2" DEEP JOINT AND FILL WITH HOT POURED, LOW MODULUS, POLYMER SEALANT MEETING THE REQUIREMENTS OF ASTM D3405.
5. TOOL EDGES OF EXPANSION AND PRESSURE RELIEF JOINTS TO 1/4 " RADIUS.
6. 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.
7. REINFORCING BARS SHALL MEET THE REQUIREMENTS OF AASHTO M31 (ASTM A615), GRADE 60, AND SHALL CONFORM TO SUBSECTIONS 508.1 THRU 508.8 OF THE STANDARD SPECIFICATIONS.
8. REINFORCING BARS DESIGNATED "(E)" SHALL BE EPOXY COATED.
9. REINFORCEMENT BENDING DETAILS SHALL BE IN ACCORDANCE WITH AMERICAN CONCRETE INSTITUTE (ACI)315, LATEST EDITION.
10. REINFORCEMENT BAR BENDING DIMENSIONS ARE CUT TO CUT.
11. EXPOSED CONCRETE EDGES SHALL HAVE 3/4"x45° CHAMFERS. CHAMFERS ON VERTICAL EDGES SHALL BE CONTINUED A MINIMUM OF ONE FOOT BELOW GROUND LEVEL.
12. CONCRETE BARRIERS SHALL BE CONSTRUCTED & PAID FOR IN ACCORDANCE WITH SECTIONS 504 AND 606 OF THE STANDARD SPECIFICATIONS AND IN ACCORDANCE WITH SPECIAL PROVISION SP501J.
13. THE NOTATION N#N #Be ETC. FOR REINFORCING BARS IS DEFINED AS M LINES OF BARS WITH N LENGTHS PER LINE. FOR SCHEDULES OF REINFORCING BAR VARIABLE BILLINGS, SEE SHEETS 4 AND 5 OF 5.
14. CUT REINFORCEMENT IN THE FIELD TO FIT SKEW AND PLACE REMAINDER IN ADJACENT AREA OR DISCARD OFF SITE.
15. 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.
16. HOT POURED, LOW MODULUS, POLYMER SEALANT SHALL MEET THE REQUIREMENTS OF ASTM D 3405.
17. REFERENCE TO LONGITUDINAL CONSTRUCTION JOINTS ON SHEET 2: THESE BARS SHALL BE CUT TO FIT FROM 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.
18. EXPANSIONS ANCHORS AND DRILLED AND GROUTED DOWELS SHALL CONFORM TO SUBSECTIONS 532.2 AND 532.3 OF THE STANDARD SPECIFICATIONS.
19. THE NUMBER OF BARS "P" IS GIVEN IN THE SCHEDULES OF REINFORCING BAR VARIABLE BILLINGS ON SHEETS 4 & 5 OF 5.
20. CONCRETE SEALANT SHALL BE APPLIED TO TOP AND TRAFFIC FACES OF BARRIERS.

SHEET 1 OF 5

APPROVED Jeff Daily CHIEF ENGINEER DATE 10-12-2004

CTE ENGINEERS
CONSOER TOWNSEND ENVIRODYNE ENGINEERS, INC.

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE, ILLINOIS 60515

REVISIONS NO.	DATE	DESCRIPTION
1	2/17/05	REVISED NOTE 12

STANDARD ST 04-14

APPROACH SLAB, RAMP, GENERAL PLAN

DRAWING NO. G 22 OF

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

ISHTA STANDARD ST 04-14
APPROACH SLAB, RAMP,
GENERAL PLAN

HORIZ SCALE:
VERT SCALE:
DATE: JUL 18, 2005
DRAWN BY: LK
CHECKED BY: PY

HNTB

J:@34562@CADD@B1@App_Slabs@CDS@ba191144a_2845.dgn
LKalita 08-JUL-2005 15:57