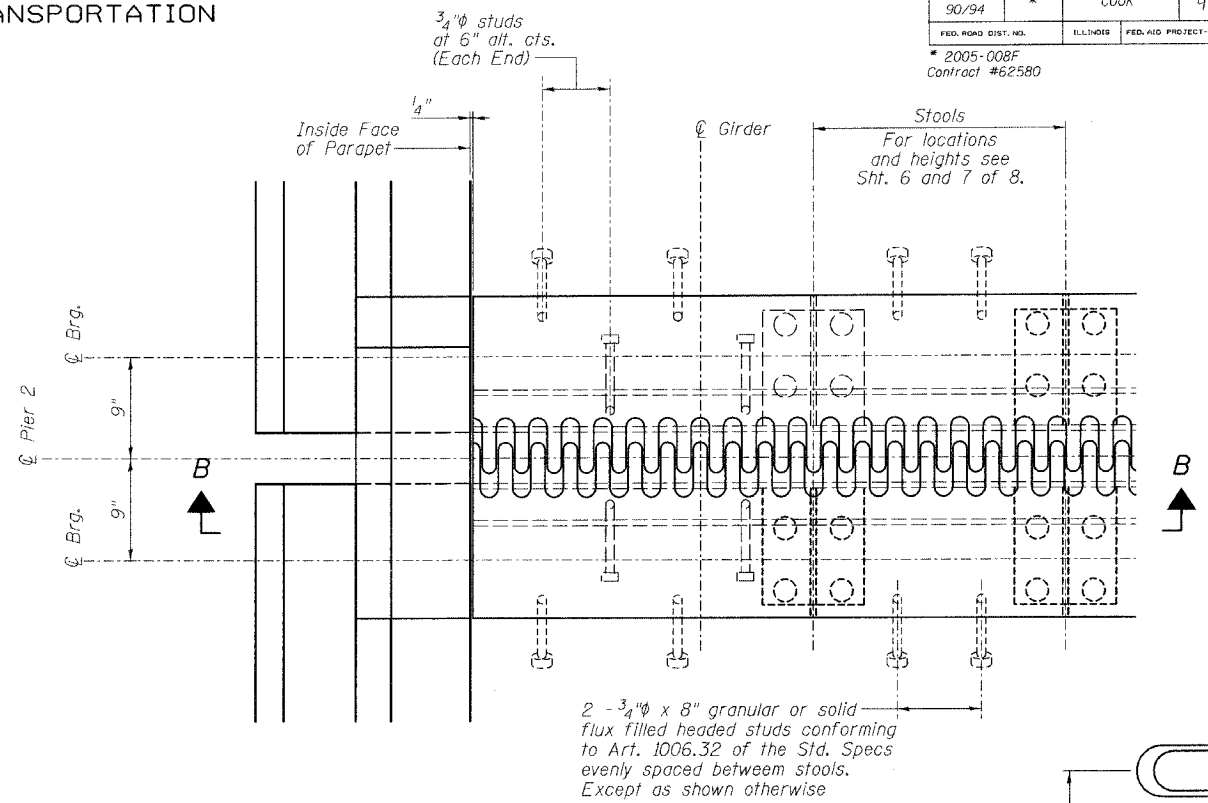
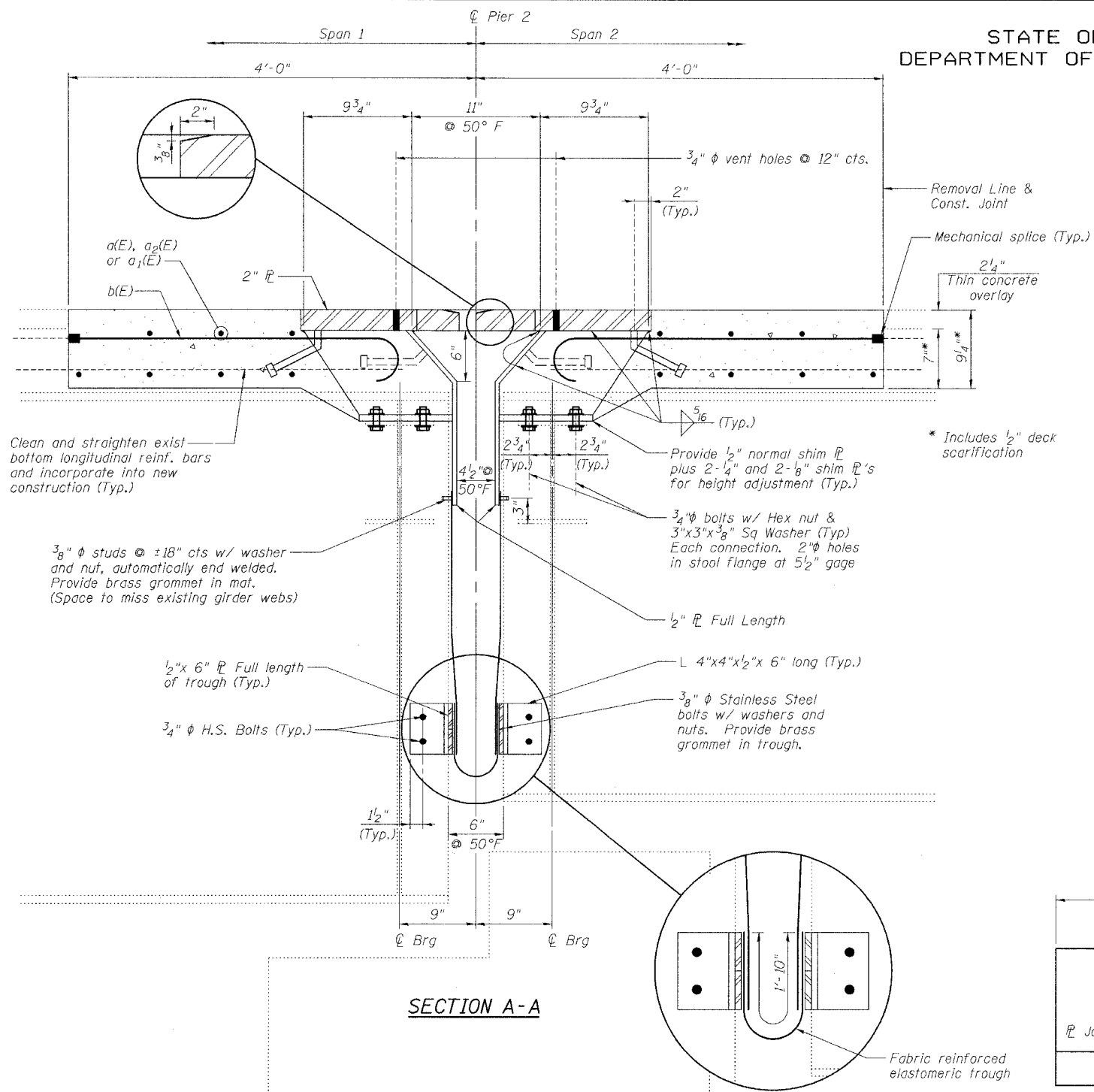


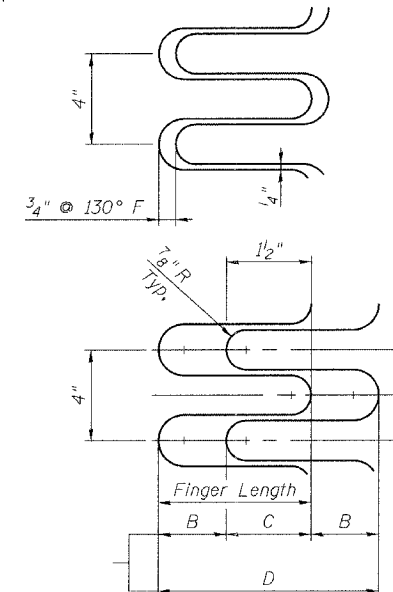
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 90/94	*	COOK	419	231
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* 2005-008F Contract #62580				

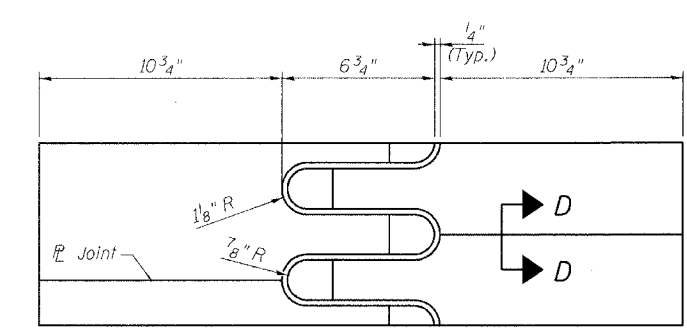
SHEET NO. 4
8 SHEETS



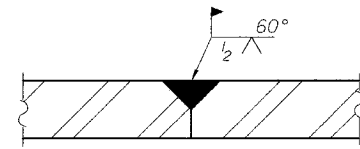
PLAN



FINGER DETAIL
Finger Length = 6 3/4"
Weld Length = 9 3/4"
Weld Size = 5/16"
Expansion Length = 359.4"



FLAME CUTTING DIAGRAM
(Proposed Finger # - Cut from 2" x 2'-4 1/2" #)



SECTION D-D

NOTES

1. Stainless steel bolts, washers and nuts shall meet the requirements of ASTM A193.
2. The installation of all necessary hardware, stainless steel bolts, studs and washers, plates and angles shall be included with "Erecting Structural Steel".
3. For Section B-B, see Sheet 5 of 8.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PIER 2 JOINT DETAILS
F.A.I. ROUTE 90/94 NORTHBOUND (DAN RYAN EXPRESSWAY)
16TH STREET TO 18TH STREET
COOK COUNTY
S.N. 016-1111 - PIER 2

SCALE: VERT. HORIZ.
DATE: 3/28/05

DRAWN BY: LANDREY
DESIGNED BY: SANFORD
CHECKED BY: -

COMPUTER FILE NO.
04286-W05-NB-FPJ
PROJECT 04286-W05
8/3/05-MML

GREENE & BRADFORD, INC.
OF SPRINGFIELD
CONSULTING ENGINEERS
PROFESSIONAL ENGINEERS
PROFESSIONAL ARCHITECTS
PROFESSIONAL LANDSCAPE ARCHITECTS
PROFESSIONAL SURVEYORS
PROFESSIONAL CIVIL ENGINEERS
PROFESSIONAL ELECTRICAL ENGINEERS
PROFESSIONAL MECHANICAL ENGINEERS
PROFESSIONAL CHEMICAL ENGINEERS
PROFESSIONAL INDUSTRIAL ENGINEERS
PROFESSIONAL AERONAUTICAL ENGINEERS
PROFESSIONAL NUCLEAR ENGINEERS
PROFESSIONAL METALLURGICAL ENGINEERS
PROFESSIONAL AGRICULTURAL ENGINEERS
PROFESSIONAL MARINE ENGINEERS
PROFESSIONAL MINING ENGINEERS
PROFESSIONAL PETROLEUM ENGINEERS
PROFESSIONAL TRANSPORTATION ENGINEERS
PROFESSIONAL ENVIRONMENTAL ENGINEERS
PROFESSIONAL SAFETY ENGINEERS
PROFESSIONAL FIRE ENGINEERS
PROFESSIONAL POLICE ENGINEERS
PROFESSIONAL SOCIAL WORKERS
PROFESSIONAL PSYCHOLOGISTS
PROFESSIONAL NURSES
PROFESSIONAL PHYSICIANS
PROFESSIONAL DENTISTS
PROFESSIONAL VETERINARIANS
PROFESSIONAL OPTOMETRISTS
PROFESSIONAL CHiropractors
PROFESSIONAL Podiatrists
PROFESSIONAL Speech Therapists
PROFESSIONAL Occupational Therapists
PROFESSIONAL Physical Therapists
PROFESSIONAL Music Therapists
PROFESSIONAL Art Therapists
PROFESSIONAL Drama Therapists
PROFESSIONAL Dance Therapists
PROFESSIONAL Recreation Therapists
PROFESSIONAL Music Teachers
PROFESSIONAL Art Teachers
PROFESSIONAL Drama Teachers
PROFESSIONAL Dance Teachers
PROFESSIONAL Recreation Teachers
PROFESSIONAL Music Directors
PROFESSIONAL Art Directors
PROFESSIONAL Drama Directors
PROFESSIONAL Dance Directors
PROFESSIONAL Recreation Directors
PROFESSIONAL Music Managers
PROFESSIONAL Art Managers
PROFESSIONAL Drama Managers
PROFESSIONAL Dance Managers
PROFESSIONAL Recreation Managers
PROFESSIONAL Music Supervisors
PROFESSIONAL Art Supervisors
PROFESSIONAL Drama Supervisors
PROFESSIONAL Dance Supervisors
PROFESSIONAL Recreation Supervisors
PROFESSIONAL Music Administrators
PROFESSIONAL Art Administrators
PROFESSIONAL Drama Administrators
PROFESSIONAL Dance Administrators
PROFESSIONAL Recreation Administrators
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PROFESSIONAL Art Executives
PROFESSIONAL Drama Executives
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PROFESSIONAL Recreation Executives
PROFESSIONAL Music Producers
PROFESSIONAL Art Producers
PROFESSIONAL Drama Producers
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PROFESSIONAL Art Composers
PROFESSIONAL Drama Composers
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PROFESSIONAL Recreation Composers
PROFESSIONAL Music Writers
PROFESSIONAL Art Writers
PROFESSIONAL Drama Writers
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PROFESSIONAL Dance Librettists
PROFESSIONAL Recreation Librettists

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