DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	12.7/13.2	K697B	806

Al Ely
REGISTERED ENGINEER - CIVIL
04-19-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — A.L. ELY — No. 18880 — Exp. 6-30-13 — CIVIL — STATE OF CALIFORNIA

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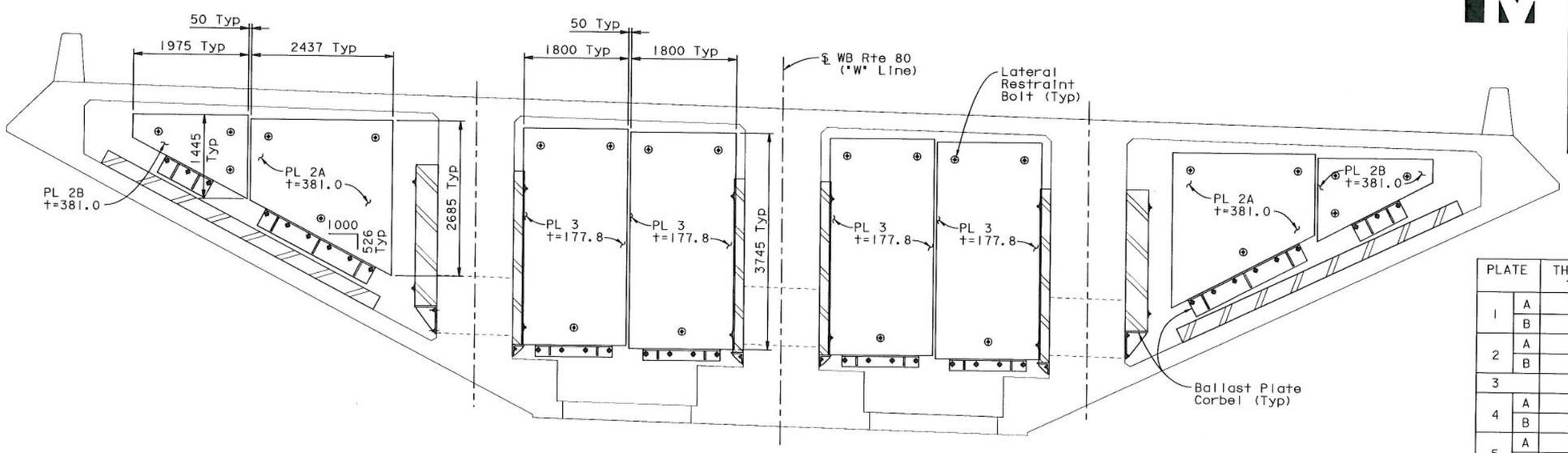
TWO HARRISON STREET
SAN FRANCISCO, CA 94105

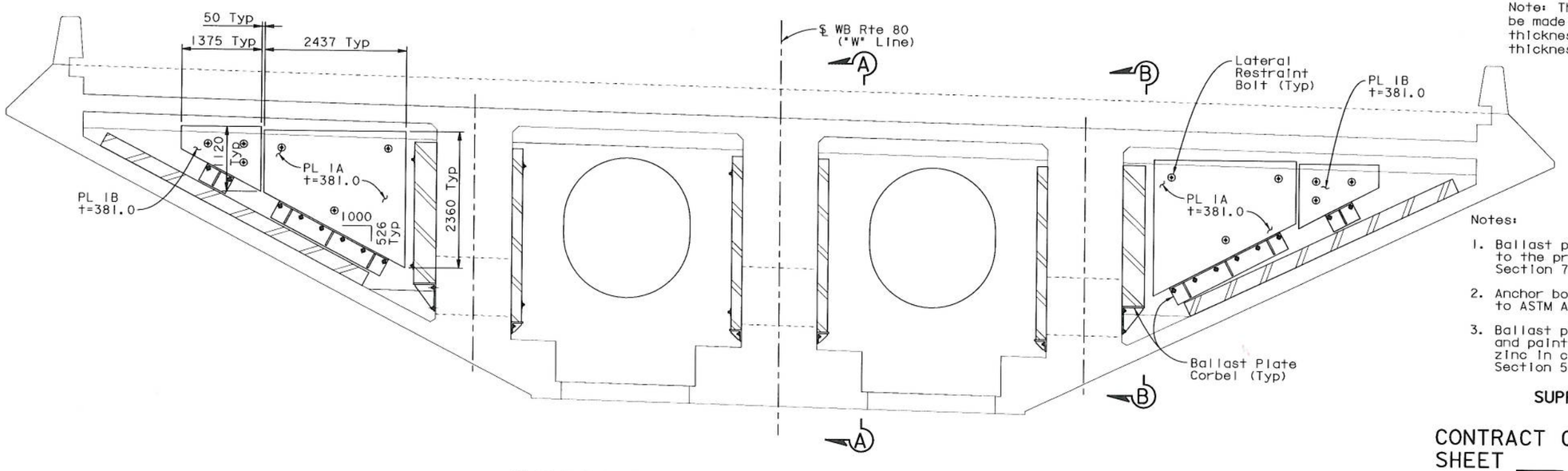


REFLECTED ELEVATION WB HINGE K ANCHORAGE DIAPHRAGM

1:40

PLATE		THICKNESS t (mm)	WT (Kg)	LOCATIONS	TOTAL WT (Kg)
1	A	381.0	12 520	2	25 040
	B	381.0	3 130	2	6 260
2	A	381.0	14 880	2	29 760
	B	381.0	5 490	2	10 980
3		177.8	9 390	4	37 560
4	A	381.0	14 650	2	29 300
	B	381.0	14 560	2	29 120
5	A	177.8	7 350	4	29 400
	B	177.8	7 030	4	28 120
6	A	254.0	25 540	2	51 080
	B	254.0	21 230	2	42 460
					319 080

Note: Thickness (t) shown may be made up of various plate thickness to arrive at the total thickness shown.



ELEVATION WB HINGE K BEARING DIAPHRAGM

1:40

Notes:

1. Ballast plate and corbel steel shall conform to the provisions for miscellaneous metal in Section 75 of the standard specifications.
2. Anchor bolts shall be galv bolts conforming to ASTM A-307.
3. Ballast plates and corbels shall be cleaned and painted with a single coat of inorganic zinc in conformance with the provisions in Section 59 of the standard specifications.

SUPPLEMENTAL SHEET

CONTRACT CHANGE ORDER NO. ____
SHEET ____ OF ____

WB CLOSURE BALLAST PLATES

April 19, 2012

DESIGN OVERSIGHT: Hasan El-Natur
HASAN EL-NATUR
4/19/2012
SIGN OFF DATE
Rev. Date: 5-18-98

	BY	CHECKED
DESIGN	Lee	Birdy
DETAILS	Samson	Lee
QUANTITIES	Lee	Birdy

PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

Jal Birdy
PROJECT ENGINEER

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS 0 10 20 30 40 50 60 70 80 90 100

CU 04
EA 0120F1

BRIDGE NO. 34-0006 L/R
KILOMETER POST 12.8

SAN FRANCISCO OAKLAND BAY BRIDGE
EAST SPAN SEISMIC SAFETY PROJECT

YBI TRANSITION STRUCTURES - HINGE K

HINGE K CLOSURE DETAILS NO. 16

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY)

SHEET K1328 OF 209

FILE => P:\4141-06\CADD\TS\Checked Plans\YBITS =1-100% No. 2_03-03-08 (Final Renamed)\011212 Hinge K SAS TXX CCO\MN sheets\Pending\Hinge K Closure Details 16.dgn

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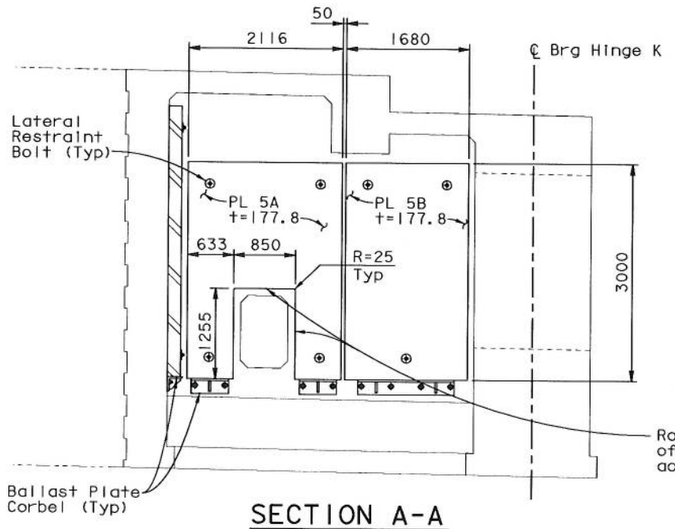
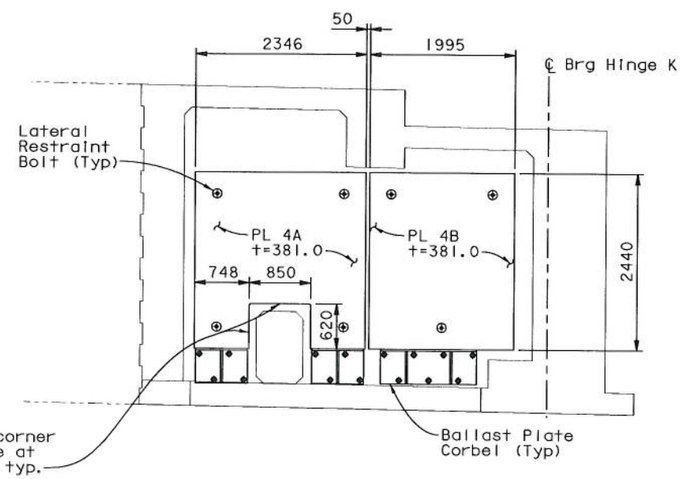


SECTION A-A
1:40



SECTION B-B
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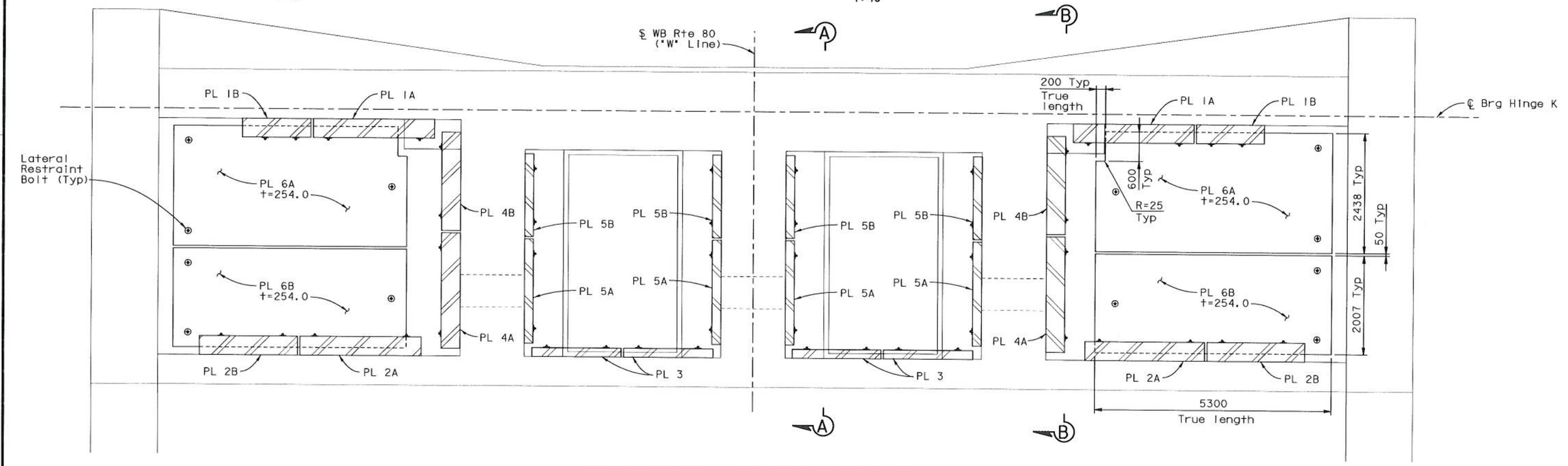

WB CLOSURE - PLAN BELOW DECK
1:40

SUPPLEMENTAL SHEET

CONTRACT CHANGE ORDER NO. ____
SHEET ___ OF ___

WB CLOSURE BALLAST PLATES

DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	12.7/13.2	K697C	806

REGISTERED ENGINEER - CIVIL
04-19-12
PLANS APPROVAL DATE
REGISTERED PROFESSIONAL ENGINEER — A.L. ELY — No. 18880 — Exp. 6-30-13 — CIVIL — STATE OF CALIFORNIA
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T.Y. LIN / MOFFATT & NICHOL
TWO HARRISON STREET
SAN FRANCISCO, CA 94105

Sheet 1166s35 of 1204

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SAN FRANCISCO OAKLAND BAY BRIDGE
EAST SPAN SEISMIC SAFETY PROJECT

YBI TRANSITION STRUCTURES - HINGE K

HINGE K CLOSURE DETAILS NO. 17

DESIGN OVERSIGHT			
HASAN EL-NATUR			
4/19/2012 SIGN OFF DATE			
Rev. Date: 5-18-98	DESIGN BY Lee	CHECKED Birdy	
	DETAILS BY Samson	CHECKED Lee	
	QUANTITIES BY Lee	CHECKED Birdy	

PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

Jal Birdy
PROJECT ENGINEER

BRIDGE NO.	34-0006 L/R
KILOMETER POST	12.8

CU 04
EA 0120F1

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES (PRELIMINARY STAGE ONLY)

SHEET K132C OF 209

ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS 0 10 20 30 40 50 60 70 80 90 100

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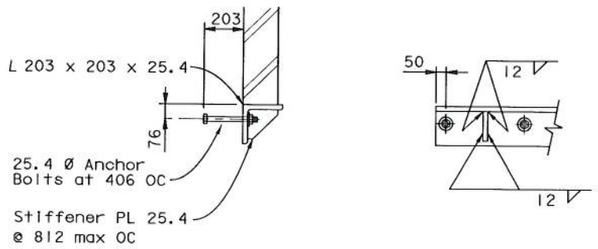
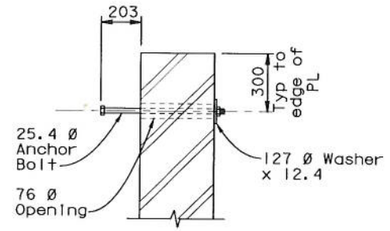
USERNAME => fsamson DATE PLOTTED => 4/19/2012 TIME PLOTTED => 9:29:24 AM

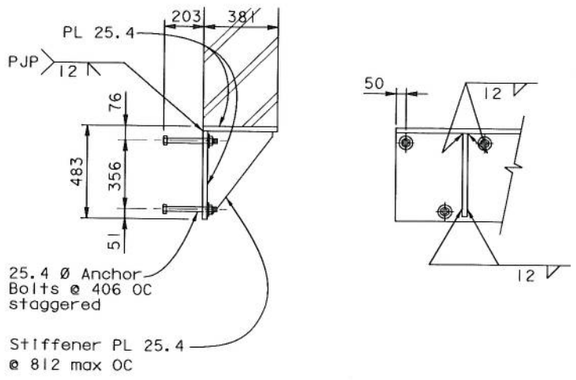
April 19, 2012



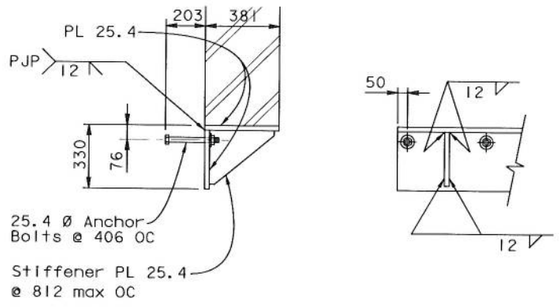
BALLAST PLATE CORBEL FOR PLS 3, 5A & 5B
1:15



BALLAST PLATE
LATERAL RESTRAINT BOLT
1:15



BALLAST PLATE CORBEL FOR PLS 4A & 4B
1:15



BALLAST PLATE CORBEL FOR PLS 1A, 1B, 2A & 2B
1:15

Caltrans Metric

DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	12.7/13.2	K697D	806

REGISTERED ENGINEER - CIVIL
04-19-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
A.L. ELY
No. 18880
Exp. 6-30-13
CIVIL
STATE OF CALIFORNIA

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TWO HARRISON STREET
SAN FRANCISCO, CA 94105

SUPPLEMENTAL SHEET

CONTRACT CHANGE ORDER NO. ____
SHEET ____ OF ____

WB CLOSURE BALLAST PLATES

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

DESIGN OVERSIGHT
HASAN EL-HATUR
4/19/2012
SIGN OFF DATE
Rev. Date: 5-18-98

	BY	CHECKED
DESIGN	Lee	Birdy
DETAILS	Samson	Lee
QUANTITIES	Lee	Birdy

PREPARED FOR THE
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

Jal Birdy
PROJECT ENGINEER

CU 04
EA 0120F1

ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS 0 10 20 30 40 50 60 70 80 90 100

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY)

SAN FRANCISCO OAKLAND BAY BRIDGE
EAST SPAN SEISMIC SAFETY PROJECT

BRIDGE NO. 34-0006 L/R
YBI TRANSITION STRUCTURES - HINGE K

KILOMETER POST 12.8
HINGE K CLOSURE DETAILS NO. 18

SHEET K132D OF 209

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