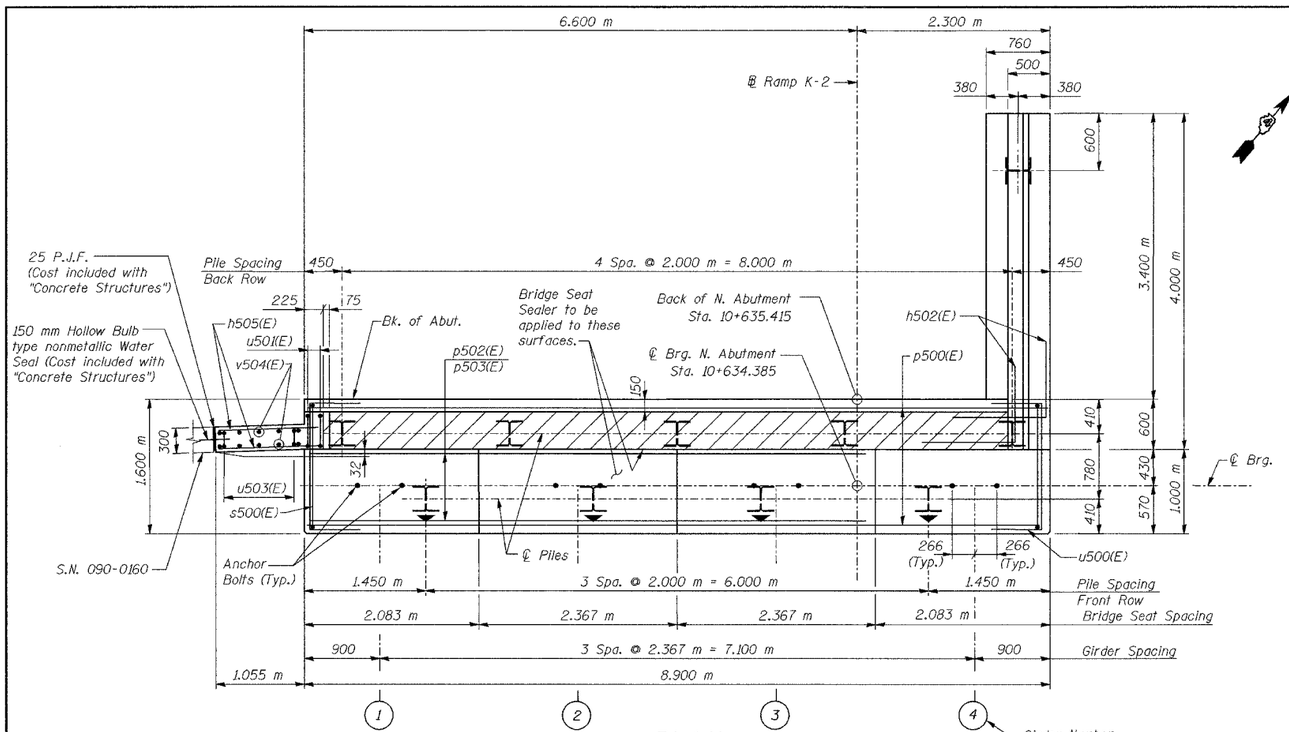
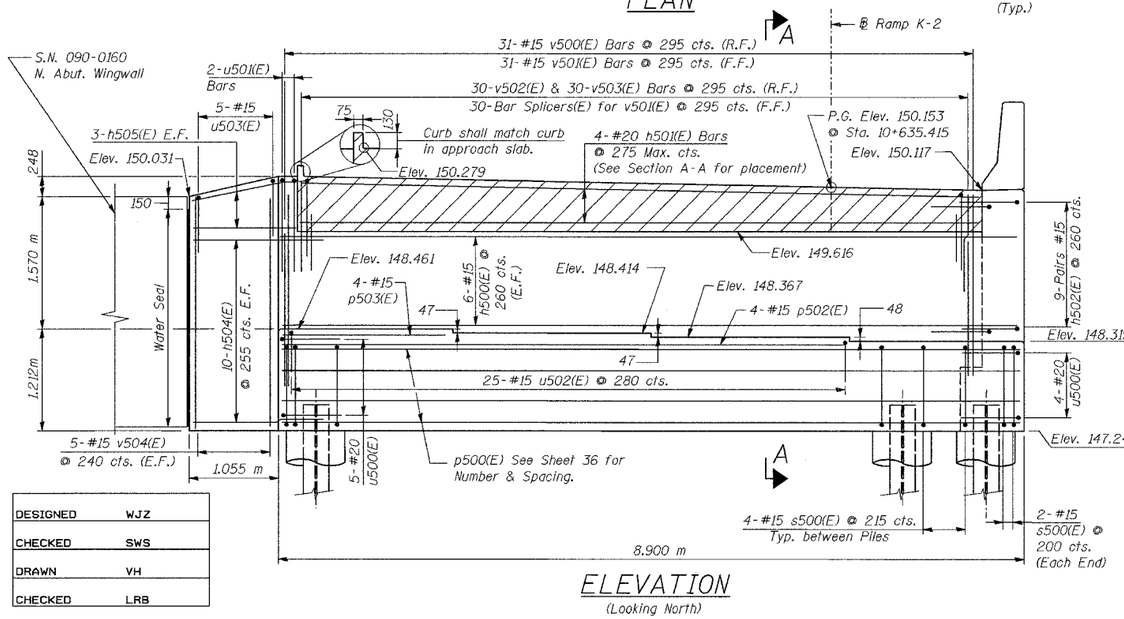
68201

68201	ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FAI 74	*	TAZEWELL	1366	58D
STA.			TO STA.		
F.H.W.A. REGION			ILLINOIS	PROJECT	

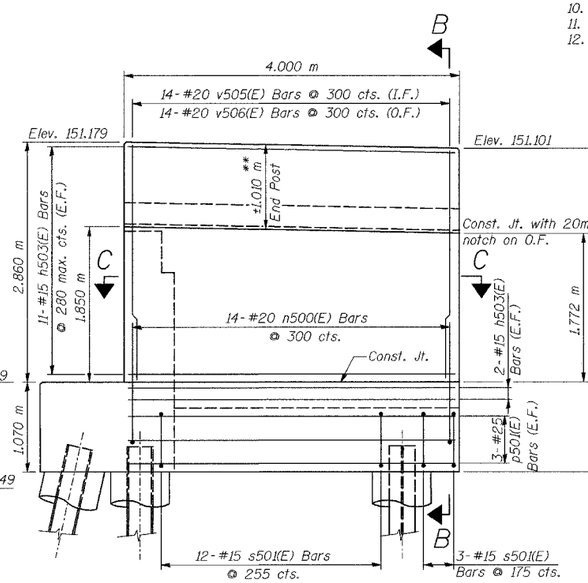
SHEET 35 OF 56



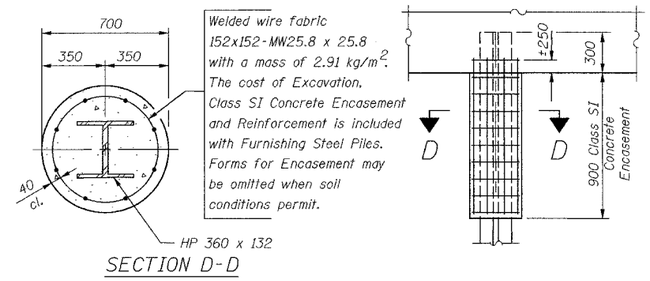
PLAN



ELEVATION
(Looking North)



EAST WINGWALL ELEVATION



SECTION D-D

PILE ENCASEMENT DETAIL

NOTES:

1. Use the following minimum lap lengths unless otherwise noted:
   #15 - 640
   #20 - 790
   #25 - 1.32m
2. Work this sheet with Sheet 36.
3. Pour steps monolithically with Pile Bent.
4. E.F. denotes Each Face.
5. F.F. denotes Front Face.
6. I.F. denotes Inside Face.
7. O.F. denotes Outside Face.
8. R.F. denotes Rear Face.
9. Space reinforcement in Pile Bent to miss anchor bolts.
10. For Foundation Layout, see Sheet 4.
11. For Bar Splicer Details, see Sheet 45.
12. ▼ indicates direction of 2.2:1.0 (H:V) batter.

** End Post shall be cast after The Bridge Parapet is in place. Form Top Surface to match The Parapet Grade. Quantity of concrete in the end post is included with Concrete Superstructure on Sheet 13.

N. ABUT. - PILE DATA

Type : HP360x132
Required Bearing: Driven to refusal
Est. Length : 13.9m
No. Req'd. 9 + 1 Test Pile
Design Capacity = 980kN/pile

DESIGNED	WJZ
CHECKED	SWS
DRAWN	VH
CHECKED	LRB

alfred benesch & company
CONSULTING ENGINEERS
205 NORTH MICHIGAN AVENUE, CHICAGO, ILLINOIS 60601
JOB NO. 3573

ILLINOIS DEPARTMENT OF TRANSPORTATION
RAMP K-2 OVER
MAIN ST & RAMP J-3
F.A.I. ROUTE 74 (I-74)
SECTION 90-IIHB-5
NORTH ABUTMENT
PLAN AND ELEVATION

SN: 090-0156
TAZEWELL CO., IL.

STA. 10+529.222
DATE: 12-23-04

2/3/2005
m:\proj\3573\rampk2\st#lab3-7a0900156.dgn