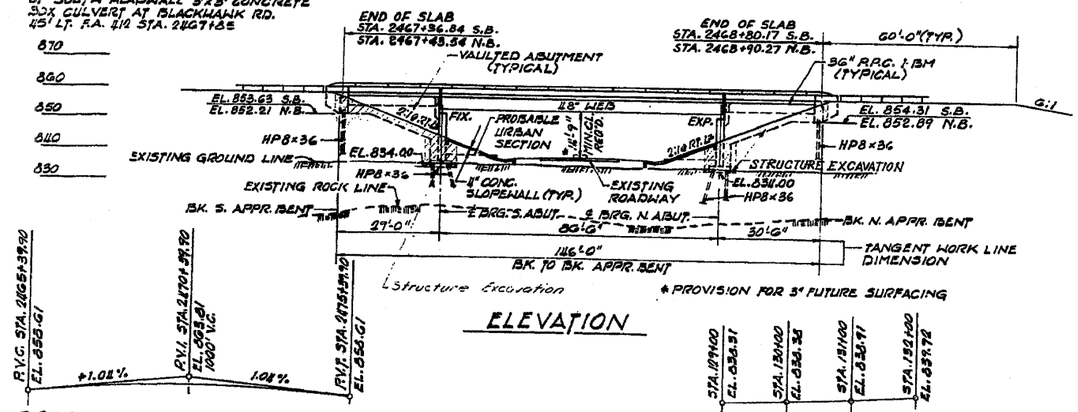
CONTRACT NO. 64E62

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
--*-	------**	----***-	-14-	--9-
STA. _____	TO STA. _____			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

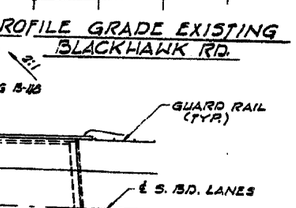
* FAP 5 & FAI 39 (US 20 Bus.& I-39)
** Section D2 Bridge Painting 2009-1
*** Stephenson & Winnebago Counties

B.M. 15: ELEV. 838.184
SQUARE CUT ON CENTER OF SOUTH HEADWALL 3'x3' CONCRETE 3-0'x CULVERT AT BLACKHAWK RD. 45' LT. F.A. 412 STA. 2467+85

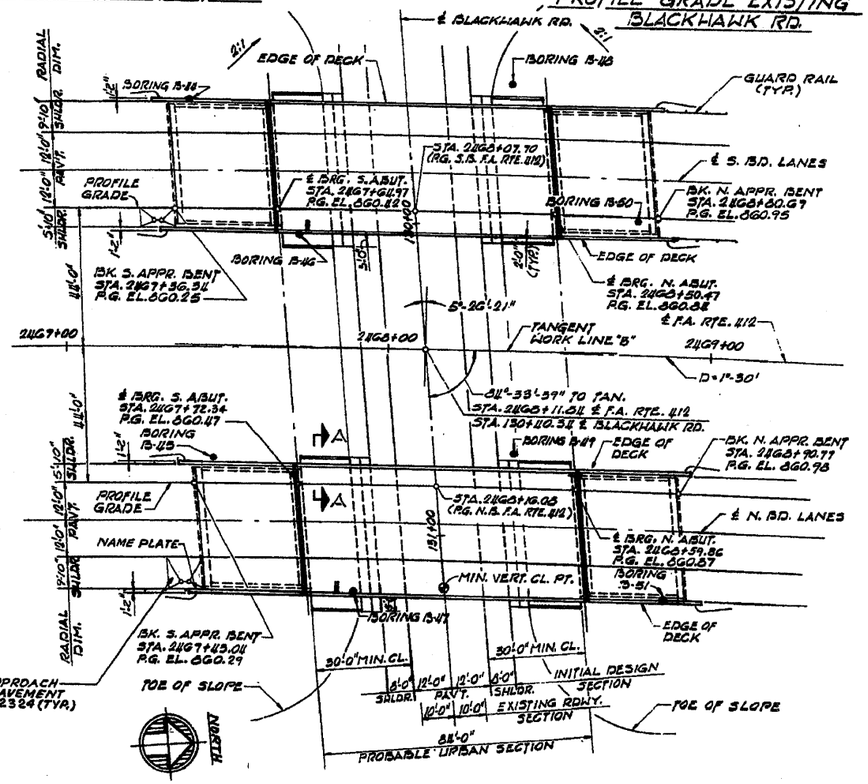


ELEVATION

PROFILE GRADE F.A. RTE. 412



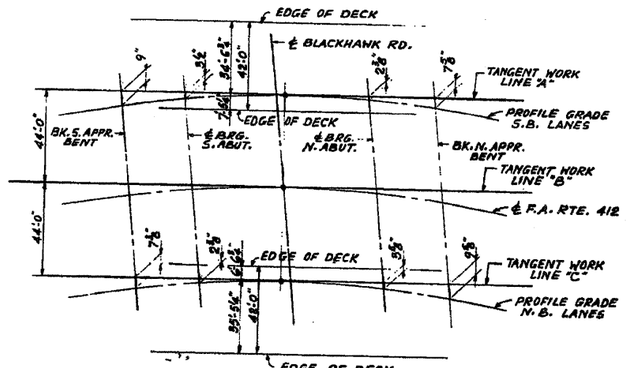
PROFILE GRADE EXISTING BLACKHAWK RD.



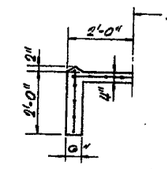
PLAN

CURVE DATA

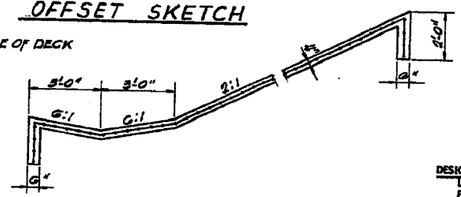
P I STA. 2482+67.40
Δ = 50°-10'-37"
D = 1°-30'
R = 3819.69
T = 1788.34
L = 3345.10
E = 397.91
SE = 0.0525 ft



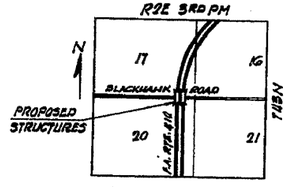
OFFSET SKETCH



SECTION A-A



SECTION THRU CONC. SLOPEWALL



LOCATION PLAN

INDEX OF SHEETS

1. GENERAL PLAN AND ELEVATION
2. GENERAL NOTES AND QUANTITIES
3. DECK REINFORCEMENT PLAN - SPANS 1 & 3
4. DECK DETAILS - SPANS 1 & 3
5. FRAMING PLAN - SPANS 1 & 3
6. PRESTRESSED I-BEAM (36") DETAILS
7. DECK REINFORCEMENT PLAN - SPAN 2
8. DECK DETAILS - SPAN 2
9. DRAINAGE SCUPPER
10. ALUMINUM RAILING DETAILS
11. TOP OF CONCRETE SLAB ELEVATIONS
12. TOP OF CONCRETE SLAB ELEVATIONS
13. FRAMING PLAN - SPAN 2
14. STEEL DETAILS
15. SOUTH ABUTMENT - S.B. LANES
16. NORTH ABUTMENT - S.B. LANES
17. SOUTH ABUTMENT - N.B. LANES
18. NORTH ABUTMENT - N.B. LANES
19. ABUTMENT REINFORCEMENT DETAILS

STATION 2468+11.84
BUILT 197 BY
STATE OF ILLINOIS
F.A. RT. 412 SEC. 201-2HB
F.A. PROJ. FFD-412-5(11)
LOADING HS 20

LETTERING FOR NAME PLATE
(SEE STATE OF ILLINOIS STD. 2119)
2 REQ'D

DESIGN LOAD
L.L. = HS20-44
FUTURE D.L. = 25 P.S.F.
DESIGN STRESSES
f'c = 3,500 P.S.I.
fc = 1,400 P.S.I. (SUBSTRUCTURE, CURB, PARAPET & DECK SLAB - SPANS 1 & 3)
fe = 1,000 P.S.I. (WITH EARTH PRESSURE)
v = 56.2 P.S.I. (FOOTINGS)
n = 10
REINFORCING STEEL
fs = 20,000 P.S.I.
STRUCTURAL STEEL
fs = 20,000 P.S.I.
MAX. L.L. DEFLECTION
1/1100 (COMPOSITE)
DESIGN SPECIFICATIONS

DECK SLAB SPAN 2
fy = 40,000 psi
f'c = 3,500 psi

Harold Pfanning #19942

Existing Plans SN 101–0142, 0143 FOR INFORMATION ONLY

PLOT DATE = Tue Oct 14 11:28:06 2008
FILE NAME = P:\PAINTING\64E62\PLANsng.dgn
PLOT SCALE = 50.4412 ' / IN.
USER NAME = tuneuj