

Bench Mark: BM-24 - "Aluminum Disk" set in concrete, 0.50± mile east of Stearns Road and Dunham Road at south side of Stearns Road. Elev. 762.68.

Existing Structure: S.N. 045-3021, three span wide I-beam superstructure, 148'-0" back to back abutments and 36'-10" out to out, R.C. deck on a 39 degree skew. The span lengths are 42'-3", 53'-0" and 42'-3" respectively. Concrete pier caps and pile bent abutments supported on CIP concrete piles. Built as Dunham Road over CC&P RR (Formerly ICG RR) in 1934 and rehabilitated in 1979. The existing bridge will be converted into a multi-use bridge for pedestrian and bicycle use.

Salvage: None.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	-	KANE	545	372
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

SHEET SC- 1  
OF 4 SHEETS

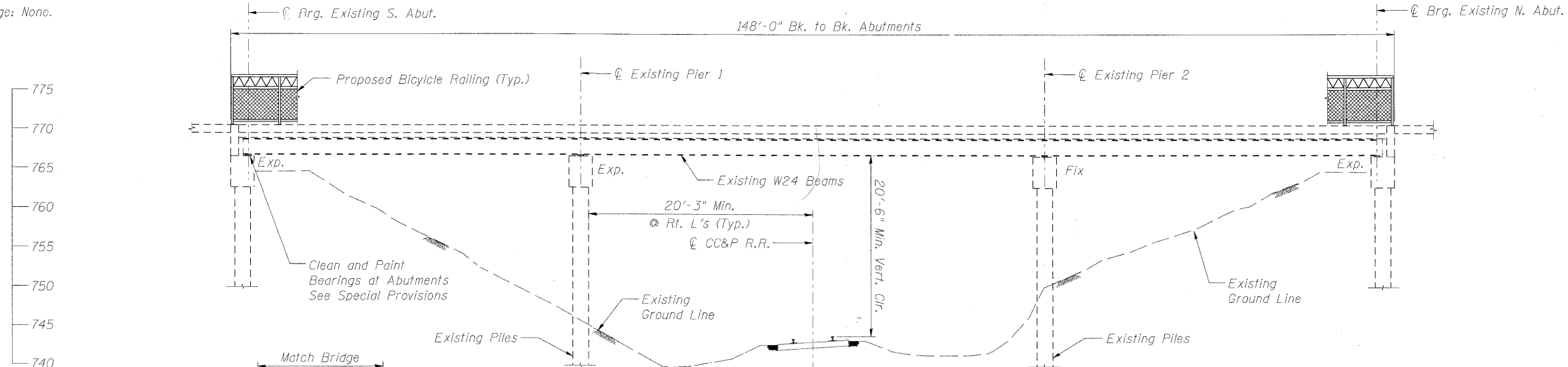
Contract # 63074

**LOADING**

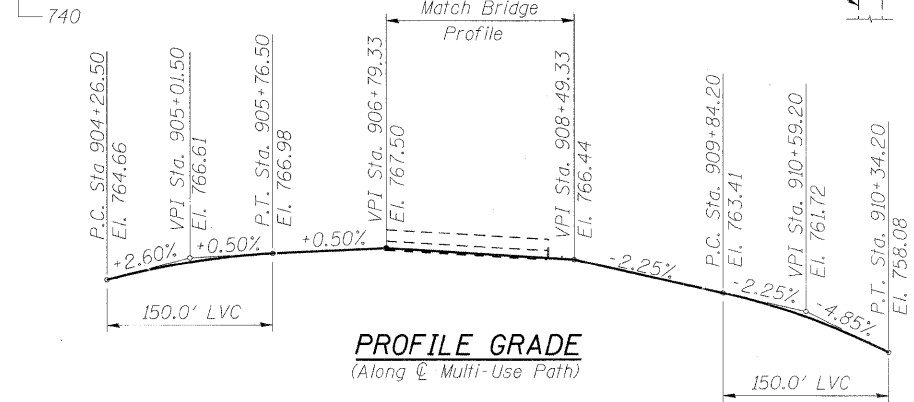
H10 Truck (No Impact)  
85 psf Pedestrian Load

**DESIGN SPECIFICATIONS**

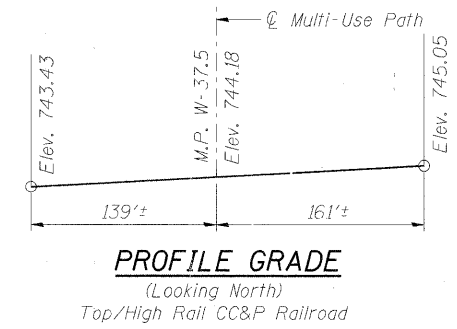
2002 AASHTO Standard Specifications - 17 ed.  
1997 AASHTO Guide Specifications for Design of Pedestrian Bridges



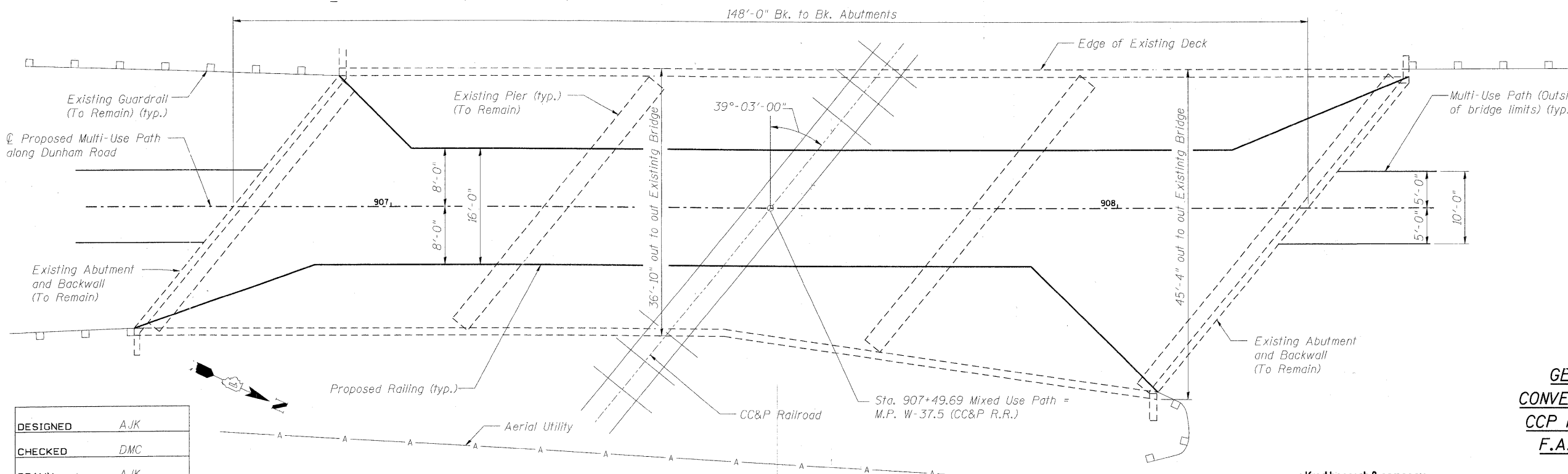
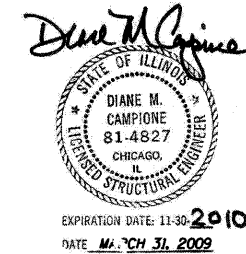
**ELEVATION**



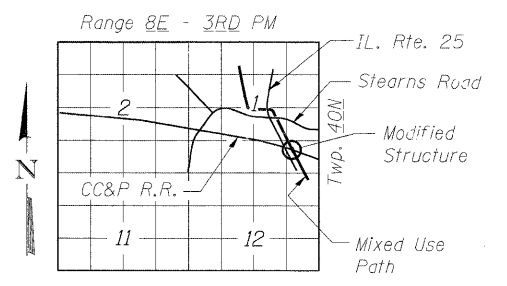
**PROFILE GRADE**  
(Along Multi-Use Path)



**PROFILE GRADE**  
(Looking North)  
Top/High Rail CC&P Railroad



**PLAN**



**LOCATION SKETCH**

DESIGNED	AJK
CHECKED	DMC
DRAWN	AJK
CHECKED	HMA

**benesch**  
alfred benesch & company  
Engineers • Surveyors • Planners  
205 North Michigan Avenue, Suite 2400  
Chicago, Illinois 60601  
312-565-0450  
Job # 3944

**GENERAL PLAN AND ELEVATION  
CONVERSION OF EXISTING DUNHAM OVER  
CCP RAILROAD TO MULTI USE BRIDGE  
F.A.P. 360 - SEC. 06-00214-15-BR  
KANE COUNTY  
STATION 907+49.69  
STRUCTURE NO. 045-3021**

3/30/2009 11:23:32 AM x:\39001\394\eng\mesr\gdocuments\duntam road bridge over ccp\find\0453021-63074-001-gpe.dgn