

**GENERAL NOTES**

ALL CROSS FRAMES OR DIAPHRAGMS BETWEEN BEAMS OR GIRDERS SHALL BE INSTALLED WITH ERECTION PINS AND BOLTS IN ACCORDANCE WITH THE ERECTION PLAN APPROVED BY THE ENGINEER. INDIVIDUAL CROSS FRAMES OR DIAPHRAGMS AT SUPPORTS MY BE TEMPORARILY DISCONNECTED TO INSTALL BEARING ANCHOR RODS.

PRIOR TO POURING THE NEW CONCRETE DECK, ALL HEAVY OR LOOSE RUST, LOOSE MILL SCALE, AND OTHER LOOSE OR POTENTIALLY DETRIMENTAL FOREIGN MATERIAL SHALL BE REMOVED FROM SURFACES IN CONTACT WITH CONCRETE. TIGHTLY ADHERED PAINT MAY REMAIN UNLESS OTHERWISE NOTED. REMOVAL SHALL BE ACCOMPLISHED BY METHODS THAT WILL NOT DAMAGE THE STEEL. THE COST WILL BE INCLUDED IN THE PAY ITEM FOR "CONCRETE REMOVAL".

AS DIRECTED BY THE ENGINEER, EXISTING CONSTRUCTION ACCESSORIES WELDED TO THE TOP FLANGE OF BEAMS AND GIRDERS SHALL BE REMOVED. THE WELD AREAS SHALL BE GROUND FLUSH AND INSPECTED FOR CRACKS USING MAGNETIC PARTICLE TESTING (MT) OR DYE PENETRANT TESTING (PT) BY AN INDIVIDUAL ACCEPTABLE TO THE ENGINEER. ANY CRACKS THAT CAN NOT BE REMOVED BY GRINDING 1/4" DEEP SHALL BE IDENTIFIED AND REPORTED TO THE BUREAU OF BRIDGES AND STRUCTURES FOR FURTHER DISPOSITION. THE COST OF REMOVING WELDED ACCESSORIES, GRINDING AND INSPECTING WELD AREAS AND GRINDING CRACKS SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

AREAS OF EXISTING STRUCTURAL STEEL WHICH WILL COME IN CONTACT WITH NEW STEEL SHALL BE CLEANED AND PAINTED ACCORDING TO THE SPECIAL PROVISION FOR "CLEANING AND PAINTING CONTACT SURFACE AREAS OF EXISTING STEEL STRUCTURE". COST SHALL BE INCLUDED WITH "STRUCTURAL STEEL REPAIR".

THE INORGANIC ZINC RICH/ WATERBORNE ACRYLIC PAINT SYSTEM SHALL BE USED FOR PAINTING OF NEW STRUCTURAL STEEL AND CONTACT SURFACES OF EXISTING STEEL EXCEPT WHERE OTHERWISE NOTED. THE ENTIRE SYSTEM SHALL BE SHOP APPLIED, WITH THE EXCEPTION THAT MASKED OFF CONNECTION SURFACES, FIELD INSTALLED FASTENERS AND DAMAGED AREAS SHALL BE TOUCHED UP IN THE FIELD. THE COLOR OF THE FINAL FINISH COAT FOR ALL INTERIOR STEEL SURFACES SHALL BE GRAY, MUNSELL NO. 5B 7/1. THE COLOR OF THE FINAL FINISH COAT FOR THE EXTERIOR AND BOTTOM FLANGE OF THE FASCIA BEAMS SHALL BE, GREEN, MUNSELL NO. 7.5G 4/8.

THE CONTRACTOR WILL BE REQUIRED TO MARK ON THE TOP OF THE CONCRETE DECK THE LOCATIONS OF THE TOP FLANGE OF ALL STEEL BEAMS PRIOR TO ANY REMOVAL OF THE BRIDGE CONCRETE DECK. SAW CUTTING DIRECTLY OVER THE TOP OF BEAM FLANGES IS NOT PERMITTED.

NO FIELD WELDING IS PERMITTED EXCEPT AS SPECIFIED IN THE CONTRACT DOCUMENTS.

THE EXISTING STRUCTURAL STEEL COATING CONTAINS LEAD. THE CONTRACTOR SHALL TAKE APPROPRIATE PRECAUTIONS TO DEAL WITH THE PRESENCE OF LEAD ON THIS PROJECT.

FASTENERS SHALL BE HIGH STRENGTH BOLTS. BOLTS 3/4" DIA. OPEN HOLES 13/16" DIA. UNLESS OTHERWISE NOTED.

ANCHOR BOLTS SHALL BE SET BEFORE BOLTING DIAPHRAGMS OVER SUPPORTS.

FILE NAME = c:\projects\comair\9\com305\details.dgn	USER NAME = woodshankr1	DESIGNED - RON WOODSHANK	REVISED - 03/21/2008
		DRAWN - RON WOODSHANK	REVISED - 03/21/2008
	PLOT SCALE = 41.3612' / IN.	CHECKED -	REVISED -
	PLOT DATE = Apr 02, 2008 - 08:26:53 AM	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**GENERAL NOTES (CONT.)**

SCALE: \_\_\_\_\_ SHEET NO. 2 OF 2 SHEETS STA. 571+00.67 TO STA. 573+01.17

F.A.P. RTE. 846	SECTION (6B-11)	COUNTY GRUNDY	TOTAL SHEETS 29	SHEET NO. 3
CONTRACT NO. 66728				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				