

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	General Plan
2	Total Bill Of Material, General Notes, Index of Sheets, & Name Plate
3	Top of Slab Elevations
4	Top of Slab Elevations
5	Top of Approach Slab Elevations
6	Superstructure Plan
7	Diaphragm Details
8	Superstructure Details
9	West Bridge Approach Slab
10	East Bridge Approach Slab
11	Bridge Approach Slab Details
12	Bridge Fence Railing
13	Parapet Railing
14	Preformed Joint Strip Seal
15	Framing Plan
16	72" PPC Bulb T-Beam
17	72" PPC Bulb T-Beam Details
18	Bearings
19	West Abutment
20	West Abutment Details
21	East Abutment
22	East Abutment Details
23	Architectural Treatment
24	HP Pile Details
25	Bar Splicer Assembly
26	West Abutment MSE Wall Plan and Elevation
27	West Abutment MSE Wall Plan Details
28	East Abutment MSE Wall Plan
29	East Abutment North MSE Wall Elevation
30	East Abutment South MSE Wall Elevation
31	East Abutment MSE Wall Details I
32	East Abutment MSE Wall Details II
33	Parapet and Moment Slab SE MSE Wall
34	Boring Logs 4 & 103
35	Boring Logs 5 & 8
36	Boring Logs 104, 105 & 106
37	Boring Logs 107 & 212

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Protective Coat	Sq. Yd.	296	70	336
Structure Excavation	Cu. Yd.	-	1,945	1,945
Concrete Structures	Cu. Yd.	-	60.9	60.9
Concrete Superstructure	Cu. Yd.	106.7	50.4	157.1
Concrete Superstructure, Special	Cu. Yd.	44.7	8.5	53.2
Furnishing And Erecting Precast Prestressed Concrete I-Beams, 72 In.	Foot	415.5	-	415.5
Reinforcement Bars, Epoxy Coated	Pound	26,440	12,870	39,310
Bar Splicers	Each	-	42	42
Parapet Railing	Foot	88	101.3	189.3
Bridge Fence Railing	Foot	283.9	-	283.9
Furnishing Steel Piles HP 12X63	Foot	-	938	938
Driving Piles	Foot	-	938	938
Test Pile Steel HP 12X63	Each	-	2	2
Pile Shoes	Each	-	16	16
Name Plates	Each	2	-	2
Elastomeric Bearing Assembly, Type I	Each	3	-	3
Steel Bearing Assembly	Each	3	-	3
Preformed Joint Strip Seal	Foot	40.0	-	40.0
Concrete Sealer	Sq. Ft.	-	580	580
Mechanically Stabilized Earth Retaining Wall	Sq. Ft.	-	10,136	10,136
Anti-Graffiti Protection System	Sq. Ft.	2,929	9,662	12,591
Protective Shield	Sq. Yd.	172	-	172
Aggregate Column Ground Improvement Location 3	L. Sum	-	1	1
Form Liner Textured Surface, Special	Sq. Ft.	2,253	9,355	11,608
Permanent Steel Sheet Piling	Sq. Ft.	-	4455	4455

GENERAL NOTES

Alternative bridge types not allowed.
 Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.
 Reinforcement bars designated (E) shall be epoxy coated.
 The embankment configuration shown shall be the minimum that must be placed and compacted prior to bridge construction above of the abutments bridge seats.
 Area of Protective Shield is over the railroad, between temporary easements. See General Plan for pay limits.
 Slipforming of parapets is not allowed.
 Concrete Sealer shall be applied to the back of diaphragms, exposed surfaces of backwalls, bridge seats and front face of pile caps at the abutments.
 Anti-Graffiti Protection System shall be applied at all locations "Form Liner Textured Surface, Special" is applied to. See Sheet 23.
 See Sheets 43 thru 45 of 201 for fence details.

RAILROAD NOTES

All demolition within the Railroad's right-of-way and/or demolition that may impact the Railroad's tracks or operations shall comply with the Railroad's Demolition requirements.
 Erection over the Railroad's track shall be planned such that it enables the track(s) to remain open to traffic per Railroad requirements.
 The elevation of the existing top-of-rail profile shall be verified before beginning construction. All discrepancies shall be brought to the attention of the Railroad prior to construction.

The proposed bridge structure shall not change the Quantity and/or characteristics of the flow in the Railroad ditches and/or drainage structures.

The contractor must submit a proposed method of erosion and sediment control and have the method approved by the Railroad prior to beginning any grading on the project site.

For Railroad coordination please refer to the Railroad's Coordination Requirements as part of the Specifications or Special Provisions of the project.

Temporary Construction Clearances, including false work clearances, shall comply with Figure 1.

All permanent clearances shall be verified before project closeout.

Railroad's review and approval of shoring, erection, and falsework are required. Allow minimum of four weeks for the review and approval of each round of submittal.

Any shoring system that impacts the Railroad's operation and/or supports the Railroad's embankment shall be designed and constructed per Railroad Guidelines for Temporary shoring.

Railroad requirements do not allow work within 50 feet of track centerline while a train passes the work site, and all personnel must clear the area within 25 feet of the track centerline and secure all equipment.

Contractor must call the UPRR Call Before You Dig number, (800) 336-9193, for location of fiber optics on UPRR ROW.

UNION PACIFIC RAILROAD
 BUILT 20__ BY
 VILLAGE OF LOMBARD
 SEC. 06-00151-00-BR
 STA. 21+36.64
 STR. NO. 022-3122 LOADING H20

(2-Required)

NAME PLATE
 See Std. 515001

UNION PACIFIC AND IDOT RAILROAD CROSSINGS GENERAL NOTES

Railroad Flagging Protection is required for all work within 25 feet of the nearest track. Call Kandice Miller at (312)496-4738 to coordinate flagging operations.

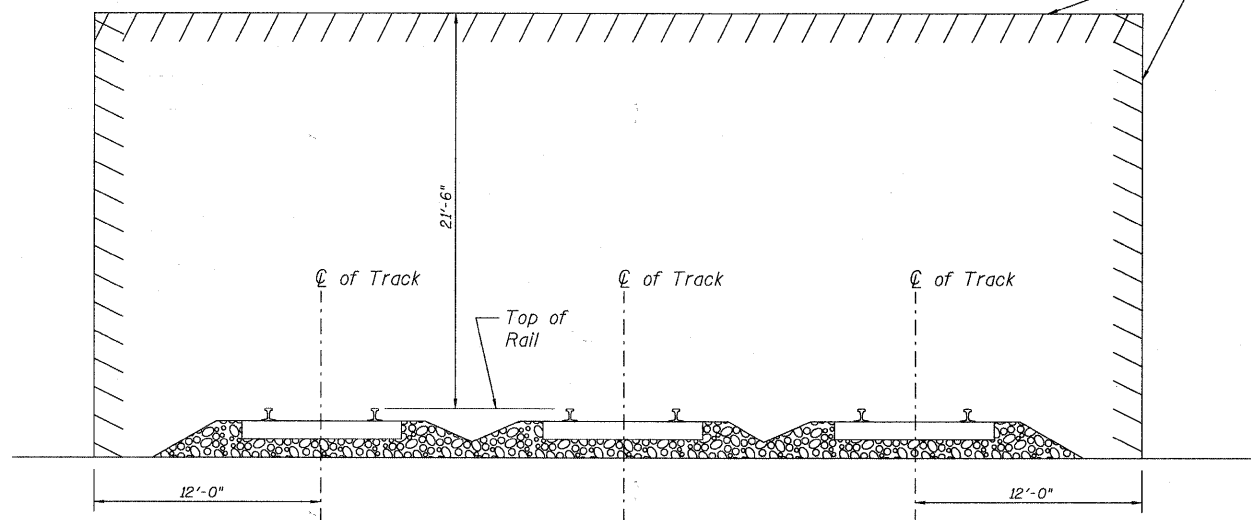
The Contractor's right of entry permit is required prior to beginning any work. It may take 30-45 days to obtain this permit.

J.U.L.I.E. does not cover railroad utilities. For utility locates call Kandice Miller at (312)496-4738 to coordinate utility locate operations.

Working window, Monday through Friday, 9:00 am - 3:30 pm. extended work windows are available on weekends, subject to approval from the local manager.

It is the Contractor's sole responsibility to coordinate with the Union Pacific Railroad whenever construction activity is within 25 feet of the Railroad ROW. The Contractor shall retain flagmen employed and designated by the Union Pacific Railroad to monitor on-coming train traffic, and advise Contractor personnel when activity on or near the railroad-right-of-way may proceed. This item will be paid for according to Article 107.12 and will be reimbursed according to Article 109.05.

No construction activities or other obstructions shall be placed within these limits



MINIMUM CONSTRUCTION CLEARANCE ENVELOPE

(NORMAL TO RAILROAD)

FIGURE 1

FILE NAME = w:\756-004_lombard - get bridges phase 1\cadd sheets\structural\UPRR\0223122-002-GEN NOTES.dgn



USER NAME = gonzalo	DESIGNED SRT	REVISED -
PLOT SCALE =	CHECKED JJI	REVISED -
PLOT DATE = 7/26/2011	DRAWN GM	REVISED -
	CHECKED JJI	REVISED -

**STATE OF ILLINOIS
 GREAT WESTERN TRAIL
 UNION PACIFIC RAILROAD**

**GENERAL NOTES, TOTAL BILL OF MATERIAL AND INDEX OF SHEETS
 STRUCTURE NUMBER 022-3122**

SHEET NO. 2 OF 37 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00151-00-BR	DuPAGE	201	82
			CONTRACT NO. 63568	
[ILLINOIS] FED. AID PROJECT				