PLOTTED: Tuesday, July 21, 2015 @ 11:02AM

Control Point #3
1. *5/8" rebar with red "MKEC Control Point" cap*
2. *Sta. 103+60.73, 44.55' Lt.*
   N = 1699231.56 E = 1652305.59 3
3. *North curb of 21st Street 20.0' S.*
4. *West edge of 1st drive west of bridge 4.7' E.*

Control Point #5
1. *5/8" rebar with Garber Control Point cap*
2. *Sta. 105+33.66, 66.49' Rt.*
   N = 1699122.83 E = 1652479.97
3. *South curb of 21st Street 42.0' N.*
4. *Top of west conc. bank of drainage channel 6.0' E.*

Control Point #4
1. *Found 5/8" rebar at southeast corner of Lot 1, Myers and Toler's Out Lots Addition*
2. *Sta. 105+65.25, 30.01' Lt.*
   N = 1699219.73 E = 1652510.28
3. *North edge of sidewalk on N. side 21st St. 1.9' S.*
4. *East end of headwall of RFB 10.8' W.*

Control Point #1
1. *5/8" rebar with red "MKEC Control Point" cap*
2. *Sta. 106+13.49, 58.22' Rt.*
   N = 1699132.15 E = 1652559.68
3. *South curb of 21st Street 34.0' N*
4. *Top of the east conc. bank of drainage channel 10.0' W*

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N–0612–01	2015	35	84

MKEC
Wichita, KS • 316-684-9600

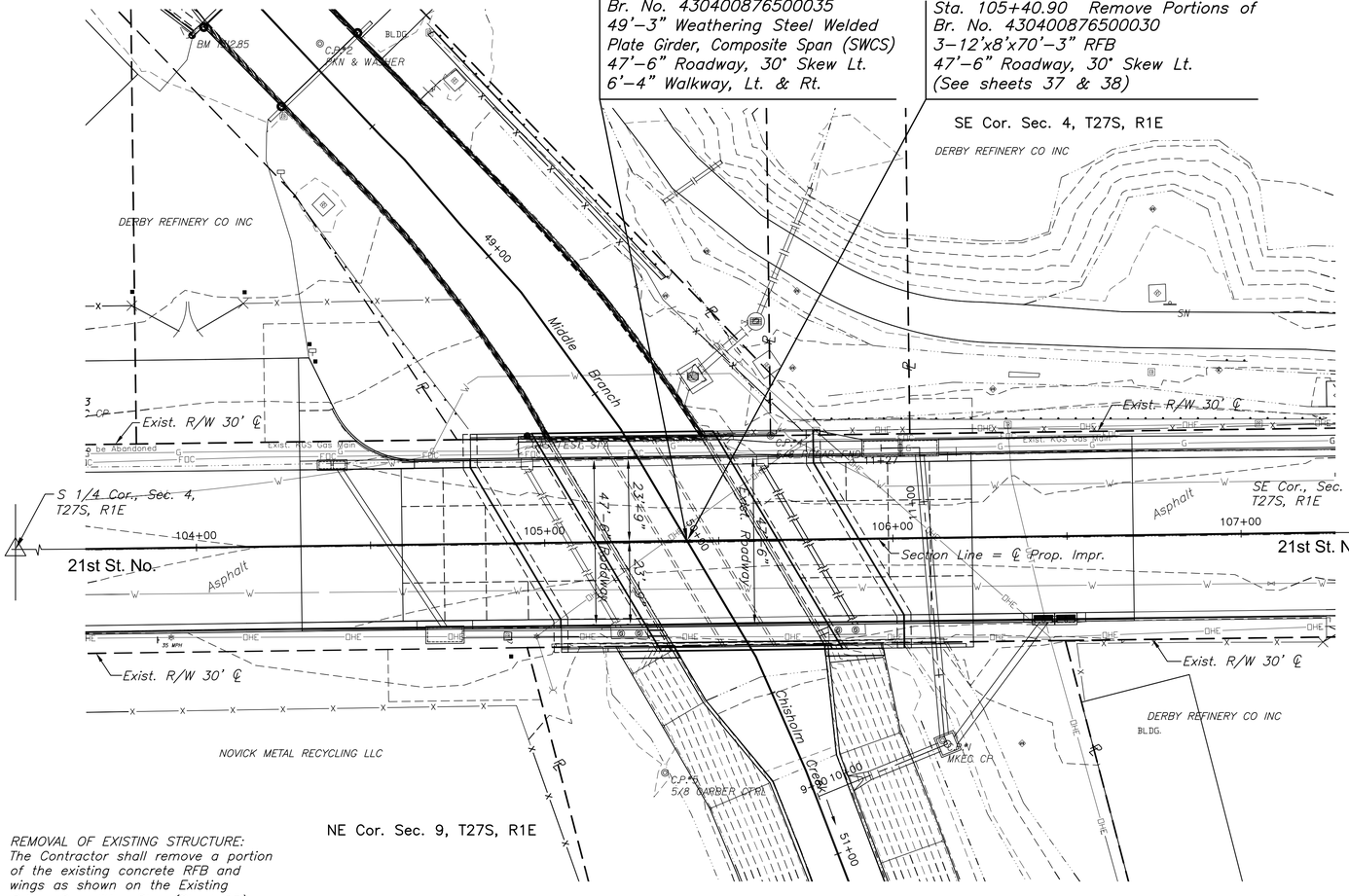
CONSTRUCTION PLANS FOR

21ST STREET BRIDGE AT DERBY REFINERY

WICHITA, KANSAS

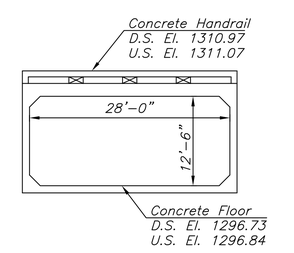
Sta. 105+40.90 Const.
Br. No. 430400876500035
49'–3" Weathering Steel Welded Plate Girder, Composite Span (SWCS)
47'–6" Roadway, 30° Skew Lt.
6'–4" Walkway, Lt. & Rt.

Sta. 105+40.90 Remove Portions of
Br. No. 430400876500030
3–12'x8'x70'–3" RFB
47'–6" Roadway, 30° Skew Lt.
(See sheets 37 & 38)



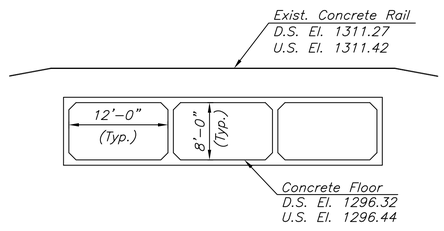
PLAN

REMOVAL OF EXISTING STRUCTURE:
The Contractor shall remove a portion of the existing concrete RFB and wings as shown on the Existing Bridge Demolition Plan (Sheet 37).



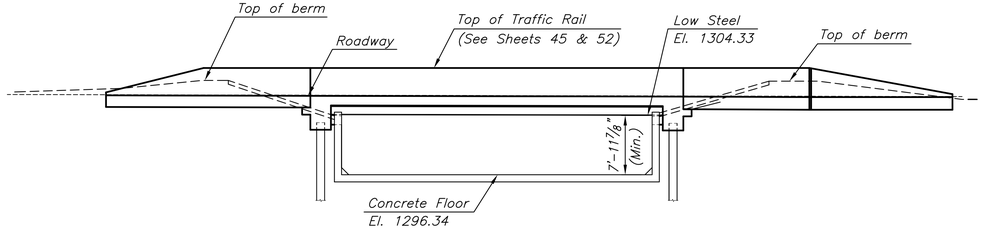
EXISTING RAILROAD RFB UPSTREAM

Waterway Opening of RFB
At ℄ Sta. 104+27.0, 147.5' Lt.
Area. = 350 Sq. Ft.



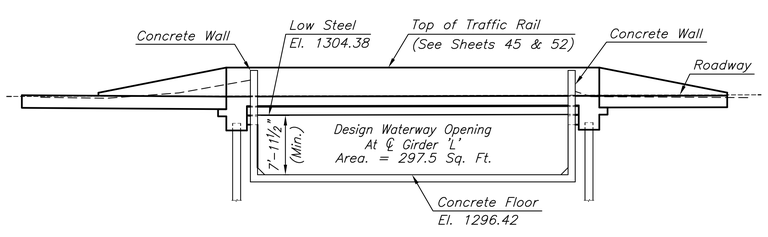
EXISTING RFB WATERWAY OPENING

Waterway Opening of RFB
At ℄ Sta. 105+40.92
Area. = 282 Sq. Ft.



PROPOSED RFB WATERWAY OPENING

(Near Downstream End, Looking North)
(Dimensions and Elevations shown along ℄ Girder 'C')



PROPOSED RFB WATERWAY OPENING

(Near Upstream End, Looking South)
(Dimensions and Elevations shown along ℄ Girder 'L')

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CONTOUR MAP

PROJECT NO.	472-85120
DATE	JULY 2015
SCALE	1" = 20'

DESIGNED	DRAWN	CHECKED
KJS	DMU	JRA

NO.	REVISION	DATE

SHEET NO.

35 OF 84