VERT. 5 0 5 10	ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
HORZ. 100 0 100 200	F.A.P. 351	2008-001VB	COOK	579	189
SCALE	STA.	TO STA.			
	FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 60E10

3/13/2008 2:09:35 PM

PERM. CN TRACK 3 PROP. PROFILE TO MATCH EXIST. TEMP. CN TRACK 2 PROFILE

200.00' V.C.
V.P.I. STA. 2990+00
ELEV. 623.31
R = 0.150

200.00' V.C.
V.P.I. STA. 2993+50
ELEV. 623.18
R = 0.105

350.00' V.C.
V.P.I. STA. 2997+25
ELEV. 622.24
R = 0.071

600.00' V.C.
V.P.I. STA. 3004+00
ELEV. 622.24
R = 0.073

200.00' V.C.
V.P.I. STA. 3013+00
ELEV. 618.24
R = 0.065

200.00' V.C.
V.P.I. STA. 3016+00
ELEV. 616.54
R = 0.140

PROPOSED TOP OF RAIL PROFILE

STA. 2989+00.00, ELEV. 623.65
MATCH EXIST. VERTICAL ALIGNMENT

EXISTING TOP OF RAIL PROFILE
(EXISTING CN TRACK #3)

STATION EQUATION
STA. 2993+06.71 ℄ PERMANENT CN TRACK #3 AH =
STA. 493+11.33 ℄ EXISTING CN TRACK #3 BK

STATION EQUATION
STA. 2998+10.34 ℄ PERMANENT CN TRACK #3 =
STA. 398+10.34 ℄ EXIST. TEMP. CN TRACK #2 AH

℄ U.S. ROUTE 6 &
S.N. 016-2754

STATION EQUATION
STA. 3010+41.13 ℄ PERMANENT CN TRACK #3 =
STA. 410+41.09 ℄ EXIST. TEMP. CN TRACK #2 BK

STATION EQUATION
STA. 3015+44.49 ℄ PERMANENT CN TRACK #3 BK =
STA. 515+50.53 ℄ EXISTING CN TRACK #3 AH

EXISTING TOP OF RAIL PROFILE
(EXISTING CN TRACK #3)
STA. 3017+00.00, ELEV. 616.25
MATCH EXIST. VERTICAL ALIGNMENT

EXIST. T/R ELEV. CN TRACK #3
PROPOSED T/R ELEV. PERM CN TRACK #3
EXIST. T/R ELEV. TEMP. CN TRACK #2
PROPOSED T/R ELEV. PERM CN TRACK #3
EXIST. T/R ELEV. CN TRACK #3

PERMANENT PROFILE - CN TRACK 3

PERMANENT TOP OF RAIL PROFILE
EXISTING TOP OF RAIL PROFILE

400.00' V.C.
V.P.I. STA. 1097+50
ELEV. 622.45
R = 0.043

400.00' V.C.
V.P.I. STA. 1103+00
ELEV. 622.45
R = 0.110

600.00' V.C.
V.P.I. STA. 1112+00
ELEV. 618.49
R = 0.030

STATION EQUATION
STA. 1092+59.66 ℄ PERMANENT CN TRACK #2 AH =
STA. 392+78.77 ℄ TEMPORARY CN TRACK #2 BK

STA. 1093+00.00, ELEV. 623.22
MATCH EXIST. VERTICAL ALIGNMENT

℄ U.S. ROUTE 6

STA. 1115+00.00, ELEV. 617.72
MATCH EXIST. VERTICAL ALIGNMENT

STATION EQUATION
STA. 1115+45.07 ℄ PERMANENT CN TRACK #2 BK =
STA. 415+71.17 ℄ TEMPORARY CN TRACK #2 AH

EXIST. T/R ELEV. (TYP.)
PERMANENT T/R ELEV.

PERMANENT PROFILE - CN TRACK 2

TRACK CONSTRUCTED IN PREVIOUS CONTRACT

EXISTING TOP OF RAIL PROFILE

200.00' V.C.
V.P.I. STA. 393+50
ELEV. 623.18
R = 0.045

350.00' V.C.
V.P.I. STA. 397+25
ELEV. 622.24
R = 0.071

600.00' V.C.
V.P.I. STA. 404+00
ELEV. 622.24
R = 0.073

600.00' V.C.
V.P.I. STA. 412+50
ELEV. 618.48
R = 0.028

STA. 392+50.00, ELEV. 623.34
MATCH EXIST. VERTICAL ALIGNMENT

TEMPORARY TOP OF RAIL PROFILE
STA. 395+62

EXISTING TOP OF RAIL PROFILE

℄ U.S. ROUTE 6

EXISTING TOP OF RAIL PROFILE
STA. 412+70
TEMPORARY TOP OF RAIL PROFILE

STA. 415+50.00, ELEV. 617.67
MATCH EXIST. VERTICAL ALIGNMENT

EXIST. T/R ELEV. (TYP.)
TEMPORARY T/R ELEV.

TEMPORARY PROFILE - CN TRACK 2

REVISIONS	
NAME	DATE
REZ	10/19/07

ILLINOIS DEPARTMENT OF TRANSPORTATION
US RTE 6 FROM I-294 TO IL RTE 1
METRA & CN OVER 159TH STREET

TRACK CONSTRUCTION
TRACK PROFILES

SHT. 15 OF 88 DRAWN BY REZ
DATE 2/21/2008 CHECKED BY RMS

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