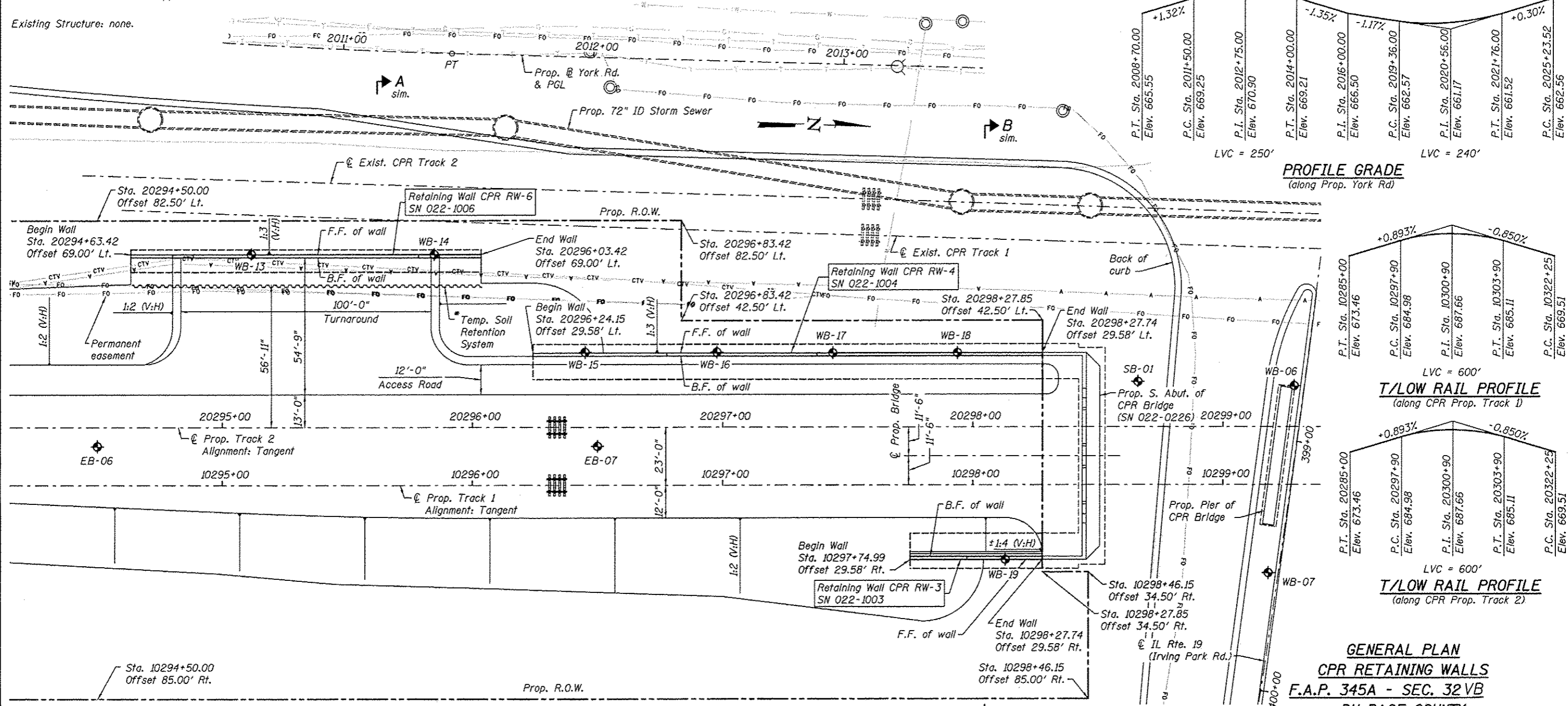


Bench Mark: TBM 4 - Chiseled "□" in southeast portion of cantilever traffic signal concrete foundation at northeast corner of York Rd. & IL 19; approx Sta. 397+64.78, offset 53.82' Lt., Elev. 668.85 (NAVD 88).

Existing Structure: none.



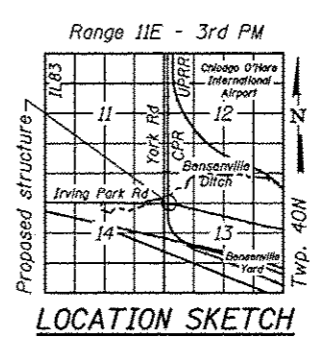
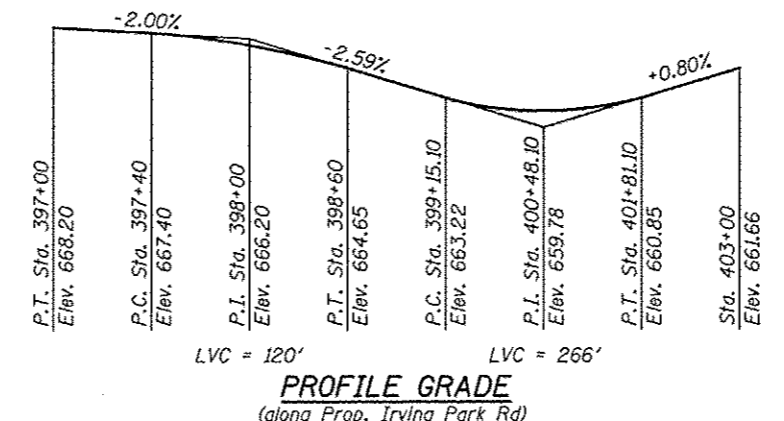
PROFILE GRADE
(along Prop. York Rd)

T/LOW RAIL PROFILE
(along CPR Prop. Track 1)

T/LOW RAIL PROFILE
(along CPR Prop. Track 2)

GENERAL PLAN
CPR RETAINING WALLS
F.A.P. 345A - SEC. 32 VB
DU PAGE COUNTY

- STATION 10300+33.90 TO 10303+95.86
STRUCTURE NO. 022-1001
- STATION 20300+33.90 TO 20303+95.86
STRUCTURE NO. 022-1002
- STATION 10297+74.99 TO 10298+27.74
STRUCTURE NO. 022-1003
- STATION 20296+24.15 TO 20298+27.74
STRUCTURE NO. 022-1004
- STATION 20303+88.61 TO 20305+38.61
STRUCTURE NO. 022-1005
- STATION 20294+63.42 TO 20296+03.42
STRUCTURE NO. 022-1006



APPROVED
For Structural Adequacy Only
[Signature]
Engineer of Bridges & Structures

DESIGN SPECIFICATIONS
2010 AREMA Manual for Railway Engineering
2006 Canadian Pacific Railway Requirements for Design of Steel and Concrete Bridges
2002 AASHTO Standard Specifications for Highway Bridges

DESIGN STRESSES
FIELD UNITS
f'c = 5,000 psi
fy = 60,000 psi (Reinforcement)

BY: *[Signature]* DATE: 11-02-2012
HDR ENGINEERING, INC.
SHTS. 203-238
LICENSE EXPIRES 11-30-2014

LOADING COOPER E90
(Walls RW-1 thru RW-4)

LOADING HS20-44
(Walls RW-2, RW-4, RW-5, and RW-6)

SEISMIC DATA
Seismic Performance Zone (SPZ) = 1
Design Spectral Acceleration at 1.0 sec. (SD1) = 0.089g
Design Spectral Acceleration at 0.2 sec. (SDS) = 0.152g
Soil Site Class = D

c:\pwworking\homa\d0593503\WXXX-60B42-001-GPE.dgn 12/3/2012 4:35:46 PM

HDR HDR ENGINEERING, INC.	USER NAME = jmiqus	DESIGNED = BWC	REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN CPR RETAINING WALLS	F.A.P. RTE. = 345A	SECTION = 32VB	COUNTY = DU PAGE	TOTAL SHEETS = 388	SHEET NO. = 203
	FILE NAME = WXXX-60B42-001-GPE.DGN	CHECKED = JAR	REVISED =			SHEET NO. = 1 OF 42 SHEETS	ILLINOIS FED. AID PROJECT			
	PLOT SCALE = NONE	DRAWN = JM	REVISED =							CONTRACT NO. 60W01
	PLOT DATE = 12/3/2012	CHECKED = JAR	REVISED =							