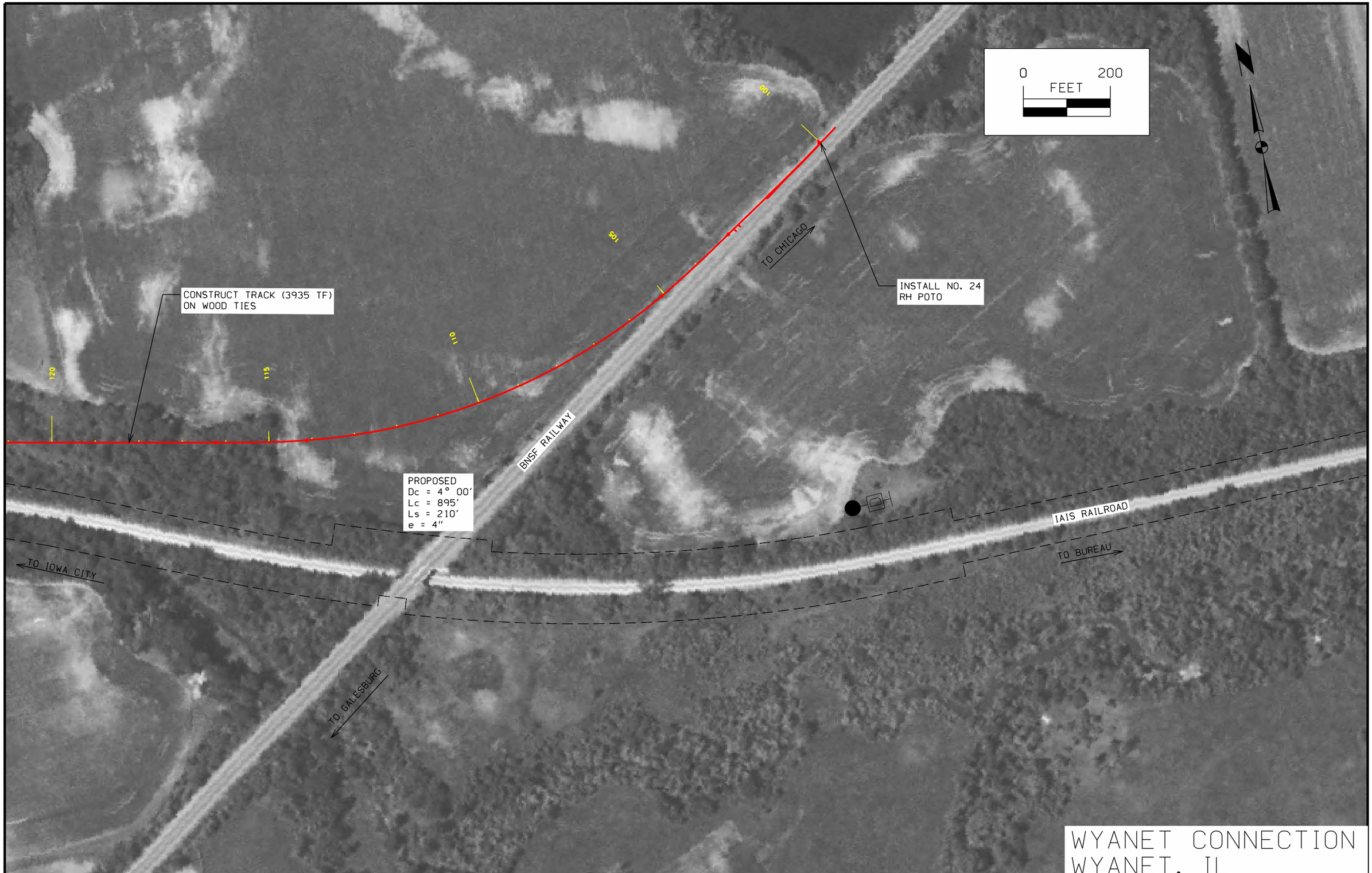
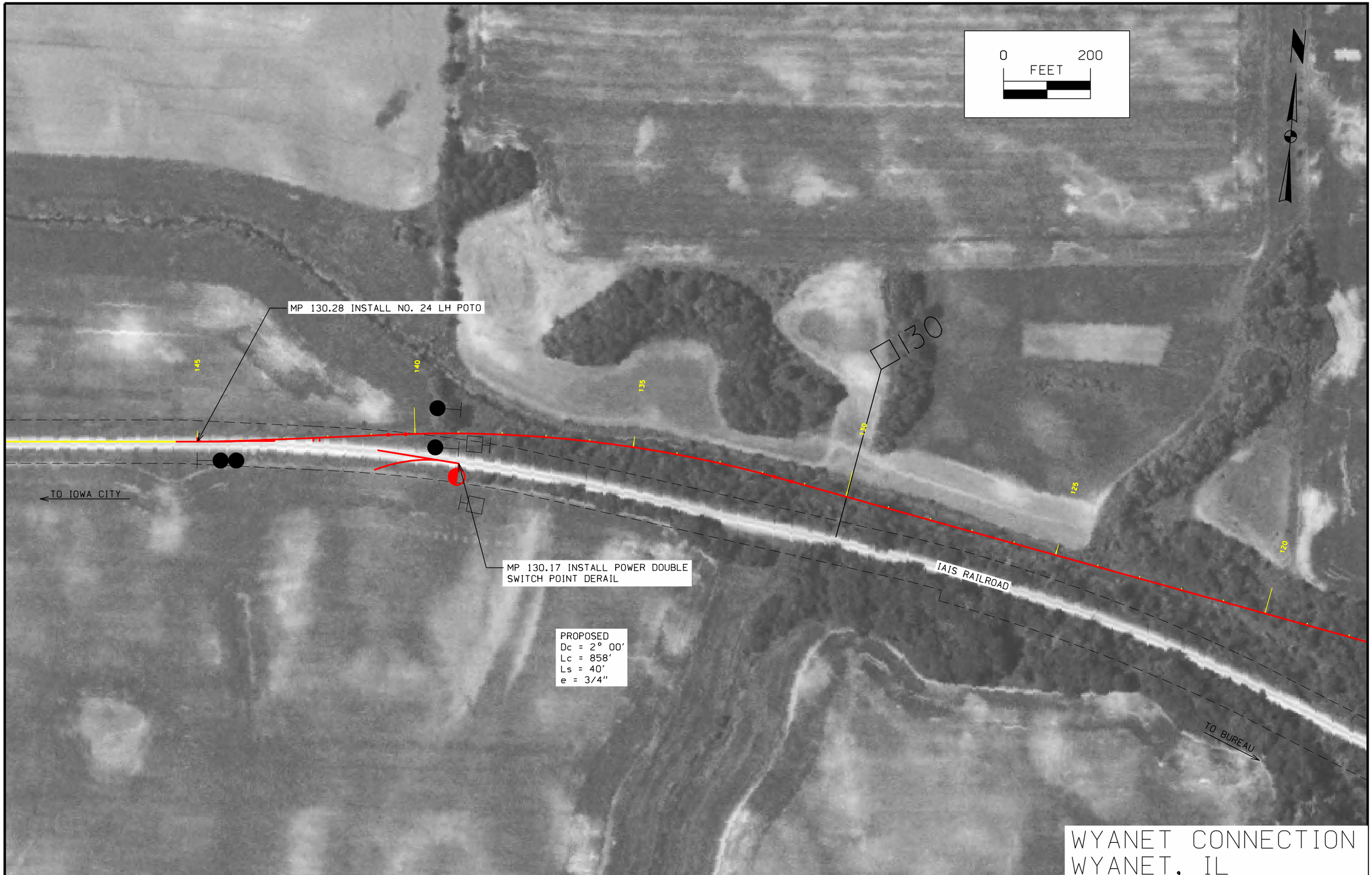


WYANET CONNECTION
WYANET, IL

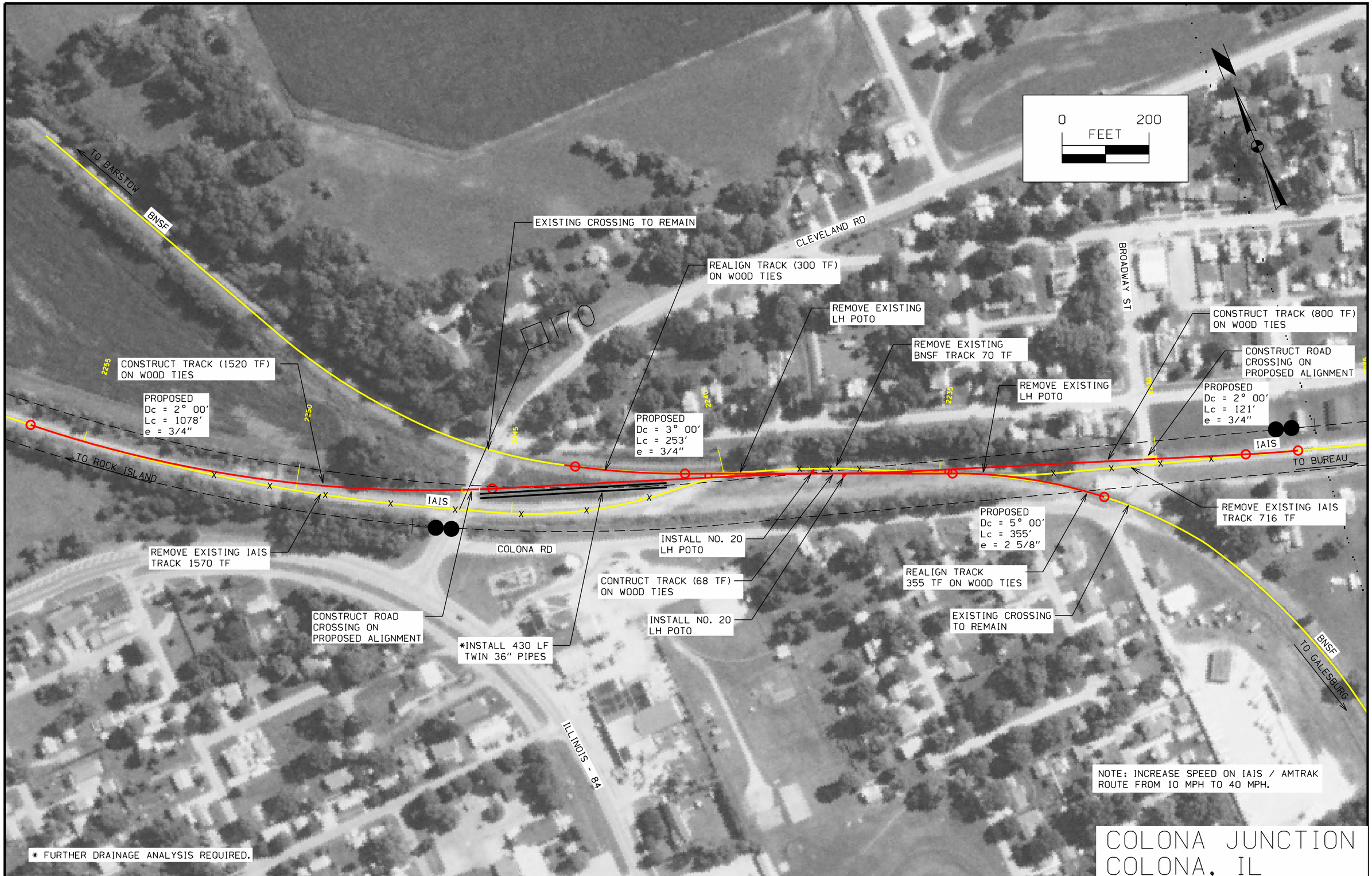
ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER E.01

10:09AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.01.dgn



ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER E.02

09:35AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.02.dgn



ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER E.03

09:35AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.03.dgn

SILVIS YARD IMPROVEMENTS
SILVIS, IL

ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER E.04

09:35AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.04.dgn

ROCK ISLAND - EAST MOLINE 2nd MAINLINE
ROCK ISLAND - EAST MOLINE, IL

ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER	E.05

09:35AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.05.dgn

ROCK ISLAND - EAST MOLINE 2nd MAINLINE
ROCK ISLAND - EAST MOLINE, IL

ENGLISH	IOWA DOT	DESIGN TEAM HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER E.06

09:35AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.06.dgn

ROCK ISLAND - EAST MOLINE 2nd MAINLINE
ROCK ISLAND - EAST MOLINE, IL

ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER E.07

09:35AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.07.dgn

ROCK ISLAND - EAST MOLINE 2nd MAINLINE
ROCK ISLAND - EAST MOLINE, IL

ENGLISH	IOWA DOT	DESIGN TEAM HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER E.08

09:35AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.08.dgn

ROCK ISLAND - EAST MOLINE 2nd MAINLINE
ROCK ISLAND - EAST MOLINE, IL

ENGLISH	IOWA DOT	DESIGN TEAM HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER E.09

09:35AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.09.dgn

ROCK ISLAND - EAST MOLINE 2nd MAINLINE
ROCK ISLAND - EAST MOLINE, IL

ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER	E.10

09:35AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.10.dgn

ROCK ISLAND - EAST MOLINE 2nd MAINLINE
ROCK ISLAND - EAST MOLINE, IL

ENGLISH	IOWA DOT	DESIGN TEAM HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER E.11

09:35AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.11.dgn

ROCK ISLAND - EAST MOLINE 2nd MAINLINE
ROCK ISLAND - EAST MOLINE, IL

ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER	E.12

09:36AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.12.dgn

ROCK ISLAND - EAST MOLINE 2nd MAINLINE
ROCK ISLAND - EAST MOLINE, IL

ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER	E.13

09:36AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.13.dgn

ROCK ISLAND - EAST MOLINE 2nd MAINLINE
ROCK ISLAND - EAST MOLINE, IL

ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER	E.14

09:36AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.14.dgn

ROCK ISLAND - EAST MOLINE 2nd MAINLINE
ROCK ISLAND - EAST MOLINE, IL

ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER E.15

09:36AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.15.dgn

ROCK ISLAND - EAST MOLINE 2nd MAINLINE
ROCK ISLAND - EAST MOLINE, IL

ENGLISH	IOWA DOT	DESIGN TEAM HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER E.16

09:36AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.16.dgn

ROCK ISLAND - EAST MOLINE 2nd MAINLINE
ROCK ISLAND - EAST MOLINE, IL

ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER	E.17

09:36AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.17.dgn

ROCK ISLAND - EAST MOLINE 2nd MAINLINE
ROCK ISLAND - EAST MOLINE, IL

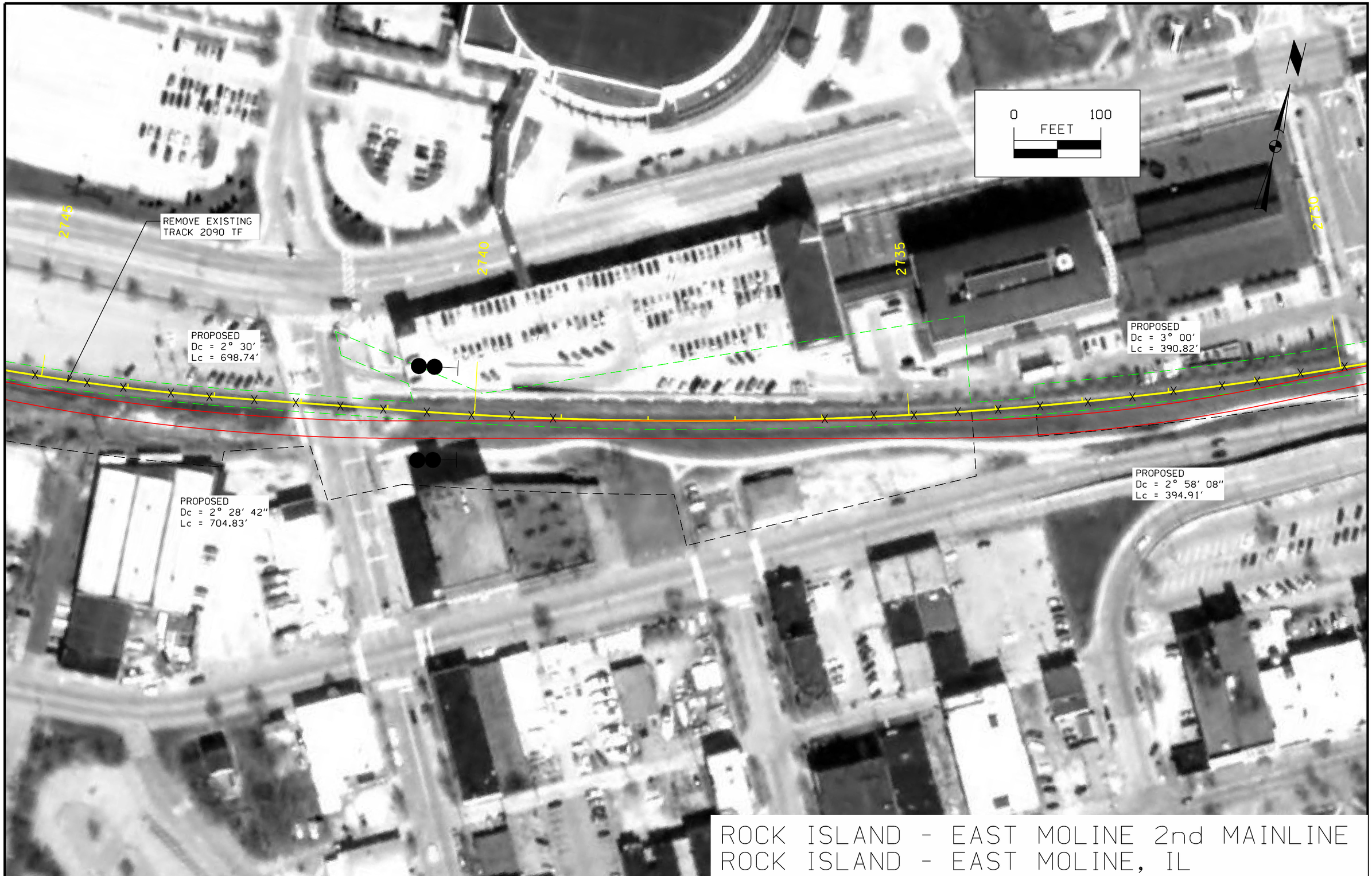
ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER	E.18

09:36AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.18.dgn

ROCK ISLAND - EAST MOLINE 2nd MAINLINE
ROCK ISLAND - EAST MOLINE, IL

ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER E.19

09:36AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.19.dgn



ROCK ISLAND - EAST MOLINE 2nd MAINLINE
ROCK ISLAND - EAST MOLINE, IL

ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER	E.20

09:36AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.20.dgn

ROCK ISLAND - EAST MOLINE 2nd MAINLINE
ROCK ISLAND - EAST MOLINE, IL

ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER E.21

09:36AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.21.dgn

ROCK ISLAND - EAST MOLINE 2nd MAINLINE
ROCK ISLAND - EAST MOLINE, IL

ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER	E.22

09:36AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.22.dgn

ROCK ISLAND - EAST MOLINE 2nd MAINLINE
ROCK ISLAND - EAST MOLINE, IL

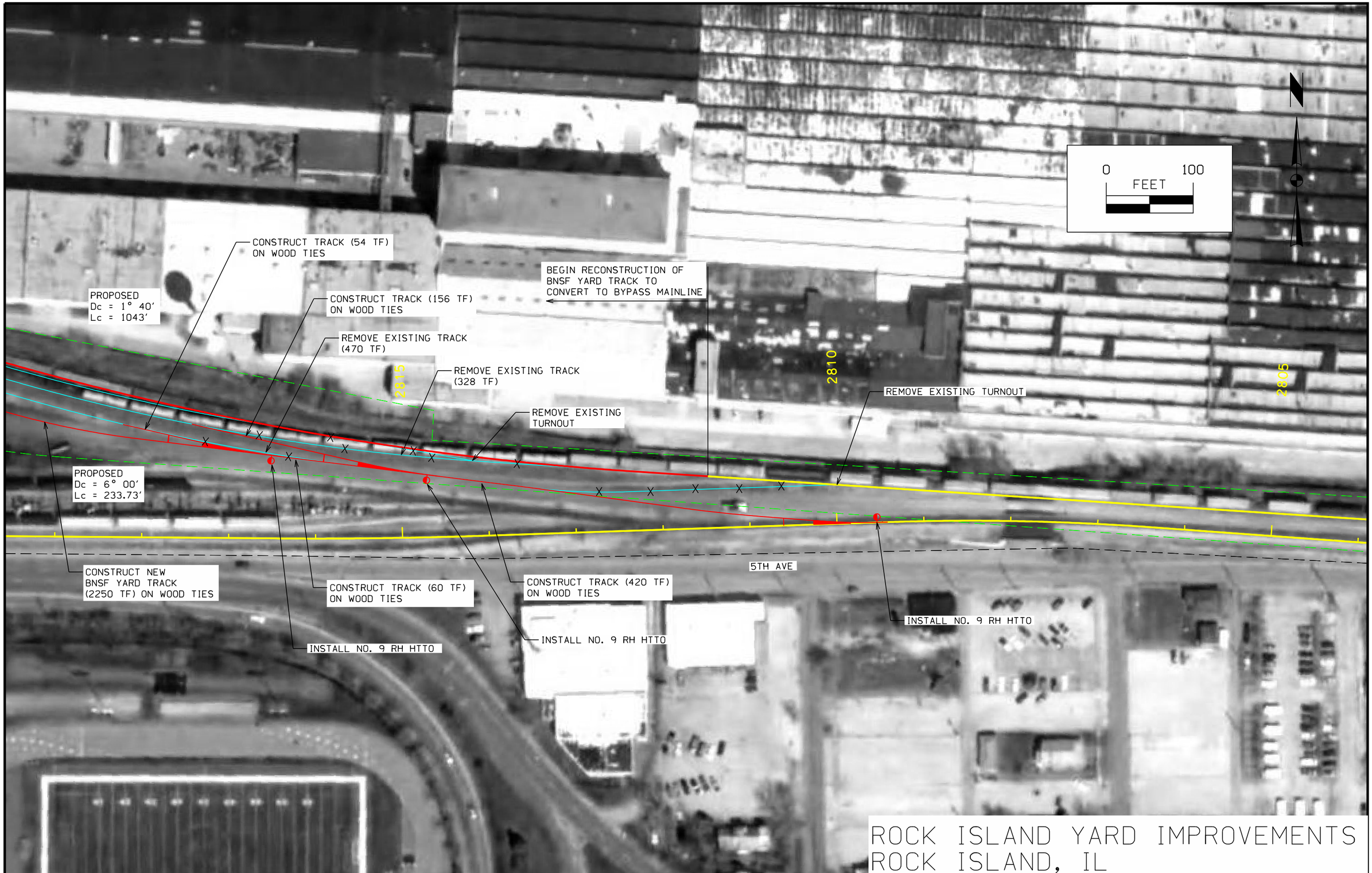
ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER	E.23

09:36AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.23.dgn

ROCK ISLAND - EAST MOLINE 2nd MAINLINE
ROCK ISLAND - EAST MOLINE, IL

ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER	E.24

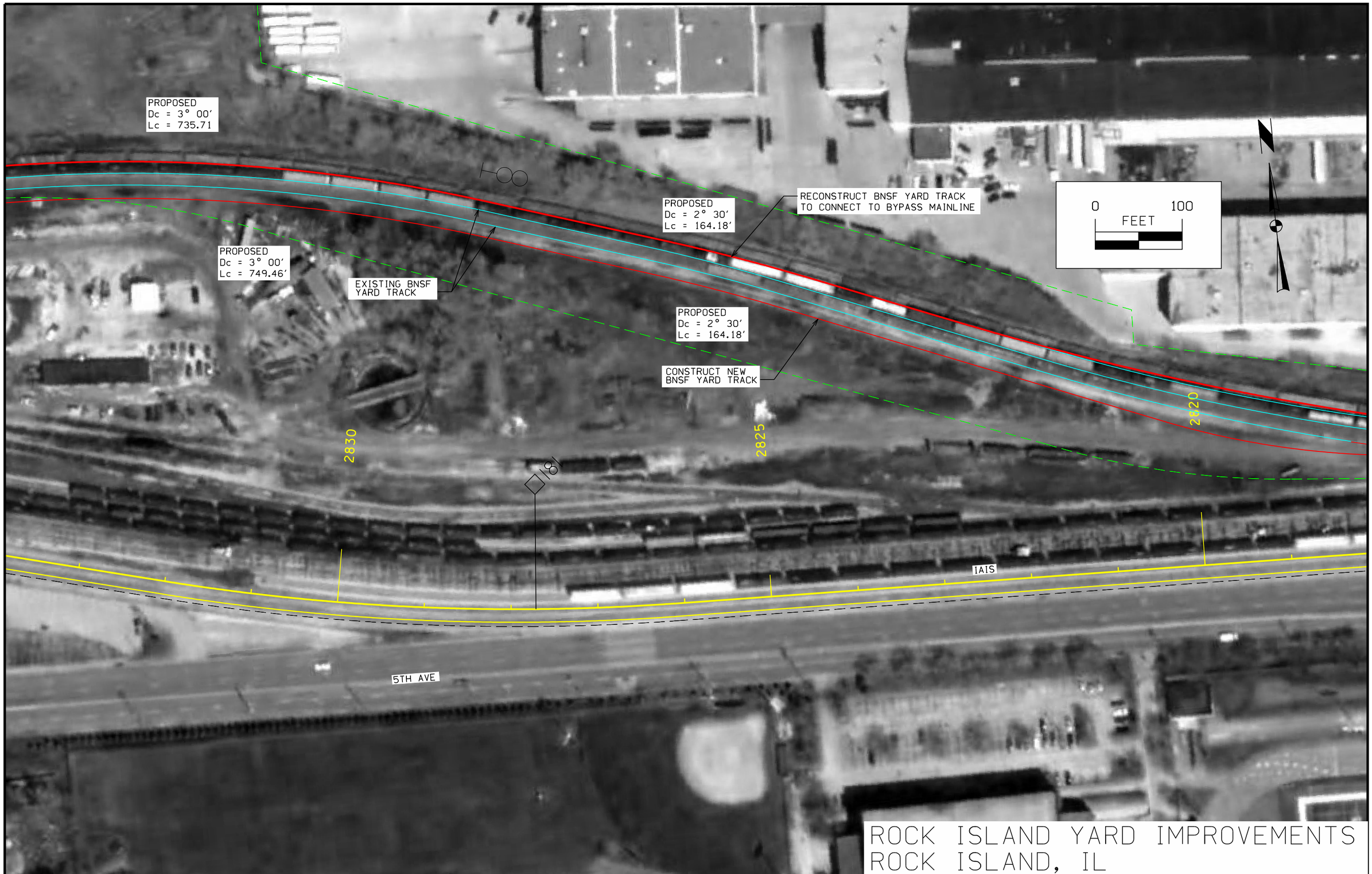
09:37AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.24.dgn



ROCK ISLAND YARD IMPROVEMENTS
ROCK ISLAND, IL

ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER E.25

09:37AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.25.dgn



ROCK ISLAND YARD IMPROVEMENTS
ROCK ISLAND, IL

ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER E.26

09:37AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.26.dgn

ROCK ISLAND YARD IMPROVEMENTS
ROCK ISLAND, IL

ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER	E.27

09:37AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.27.dgn

ROCK ISLAND YARD IMPROVEMENTS
ROCK ISLAND, IL

ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER	E.28

09:37AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.28.dgn

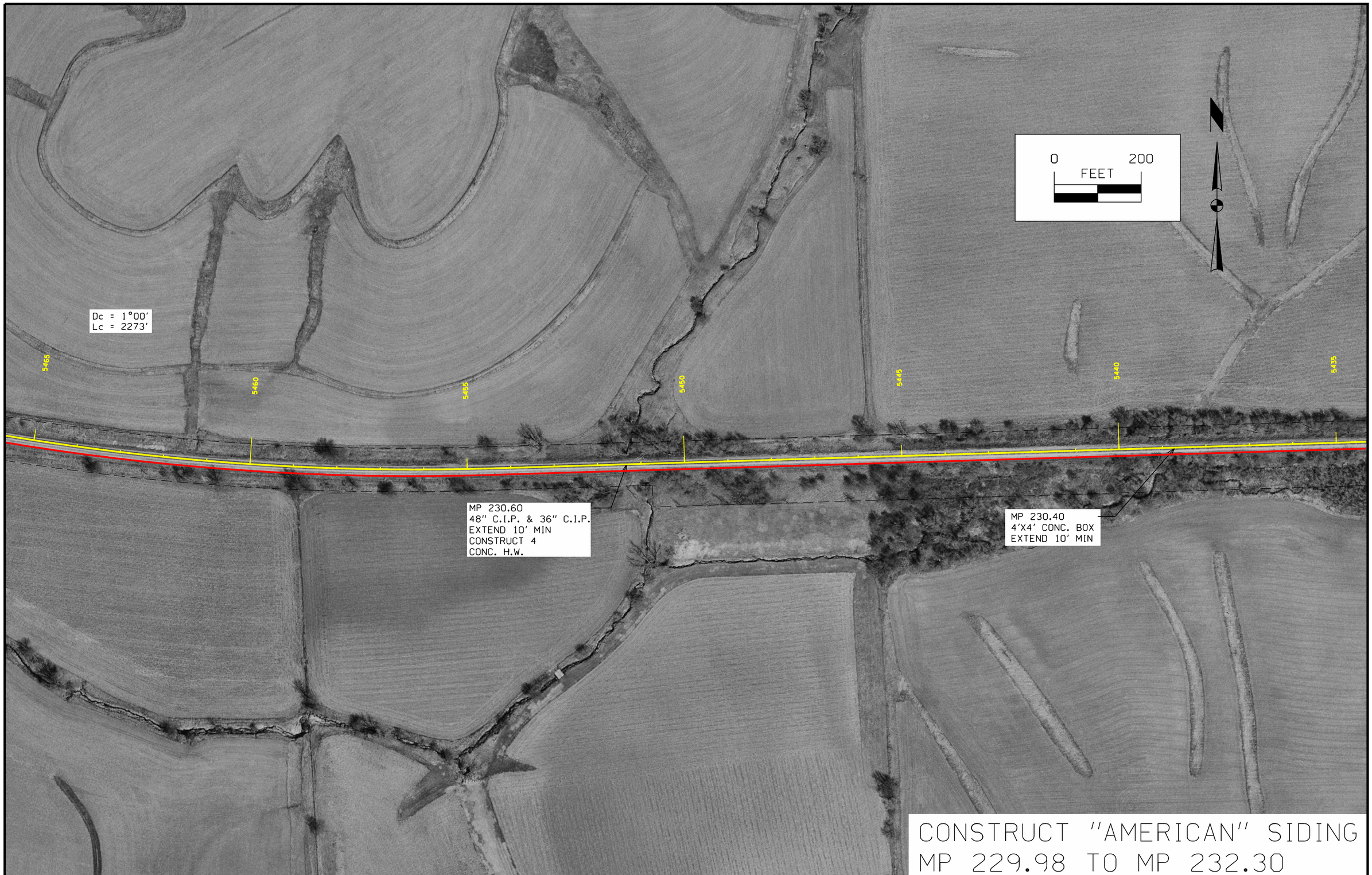
ENGLISH	IOWA DOT	DESIGN TEAM HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER E.29

09:37AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.29.dgn

CONSTRUCT "AMERICAN" SIDING
MP 229. 98 TO MP 232.30

ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER	E.30

09:57AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.30.dgn



CONSTRUCT "AMERICAN" SIDING
MP 229.98 TO MP 232.30

ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER E.31

09:37AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.31.dgn

CONSTRUCT "AMERICAN" SIDING
MP 229. 98 TO MP 232.30

ENGLISH	IOWA DOT	DESIGN TEAM HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER E.32

09:37AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.32.dgn

CONSTRUCT "AMERICAN" SIDING
MP 229. 98 TO MP 232.30

ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER E.33

09:37AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.33.dgn

CONSTRUCT "AMERICAN" SIDING
MP 229. 98 TO MP 232.30

ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER E.34

09:38AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.34.dgn

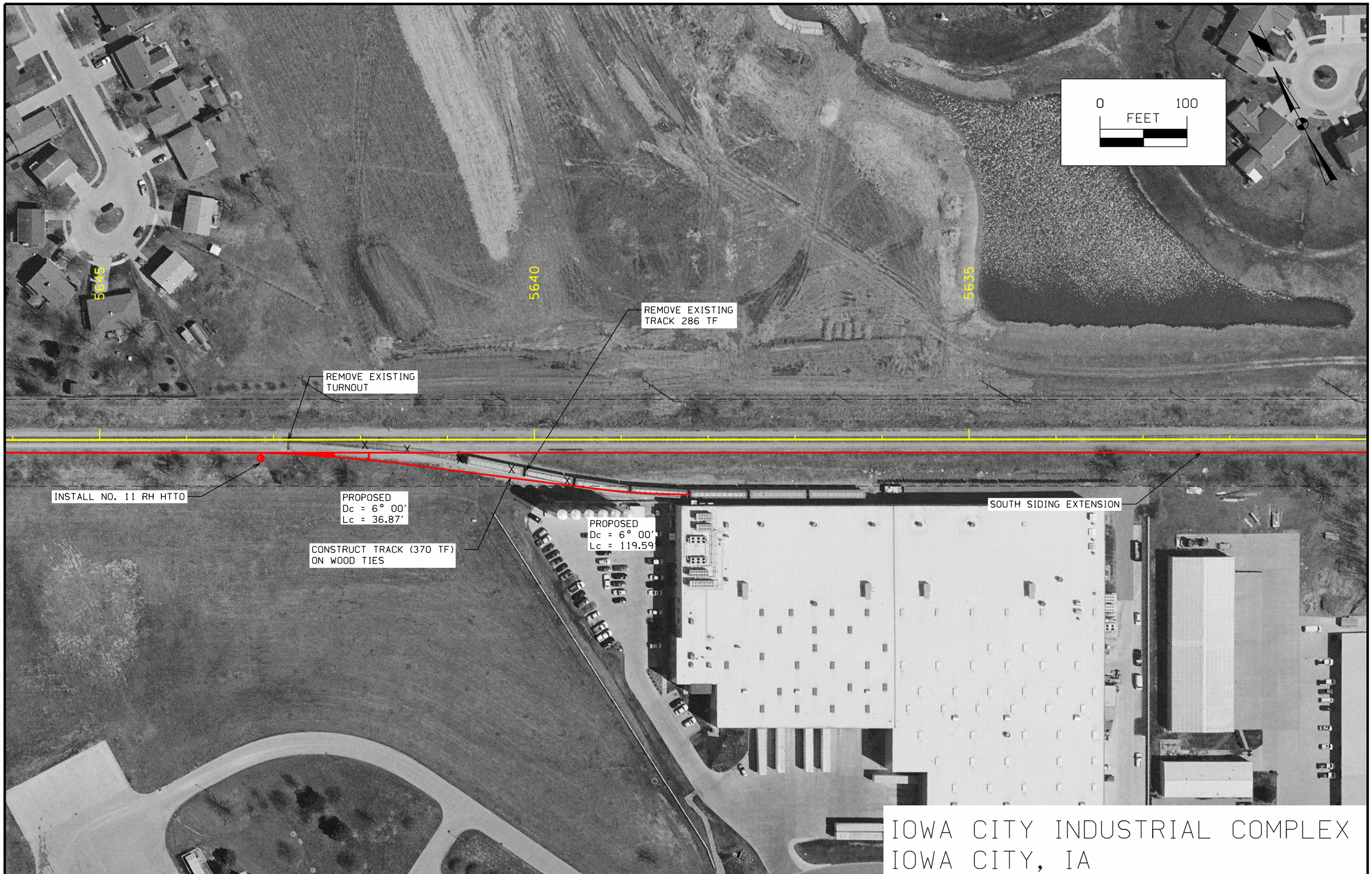
ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER E.35

09:38AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.35.dgn

IOWA CITY INDUSTRIAL COMPLEX
IOWA CITY, IA

ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER E.36

10:30AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.36.dgn



IOWA CITY INDUSTRIAL COMPLEX
IOWA CITY, IA

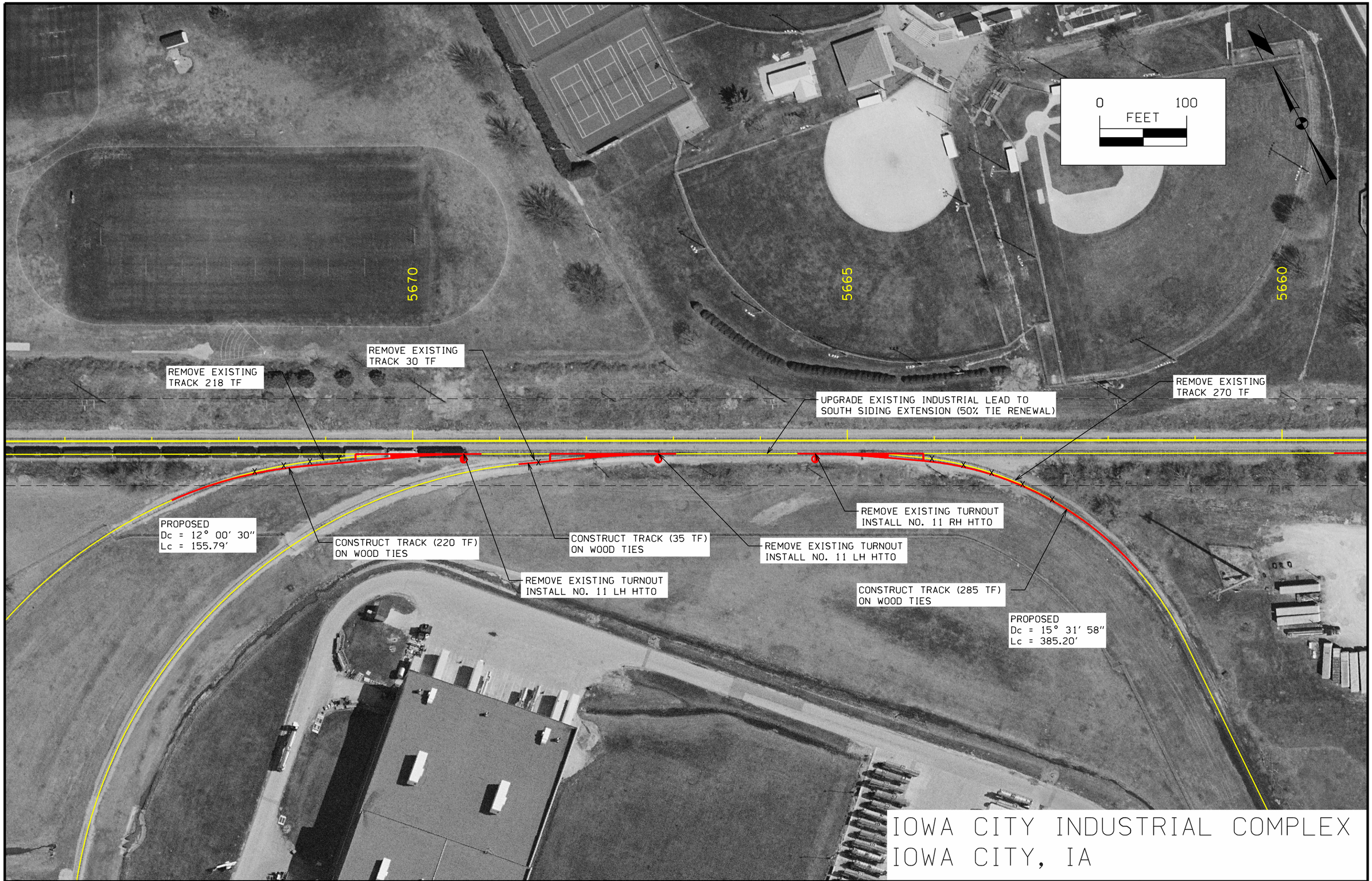
ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER E.37

09:38AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.37.dgn

IOWA CITY INDUSTRIAL COMPLEX
IOWA CITY, IA

ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER E.38

09:38AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.38.dgn



IOWA CITY INDUSTRIAL COMPLEX
IOWA CITY, IA

ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER E.39

09:38AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.39.dgn

IOWA CITY INDUSTRIAL COMPLEX
IOWA CITY, IA

ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER	E.40

09:38AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.40.dgn

IOWA CITY YARD IMPROVEMENTS

ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER	E.41

09:38AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.41.dgn

IOWA CITY YARD IMPROVEMENTS

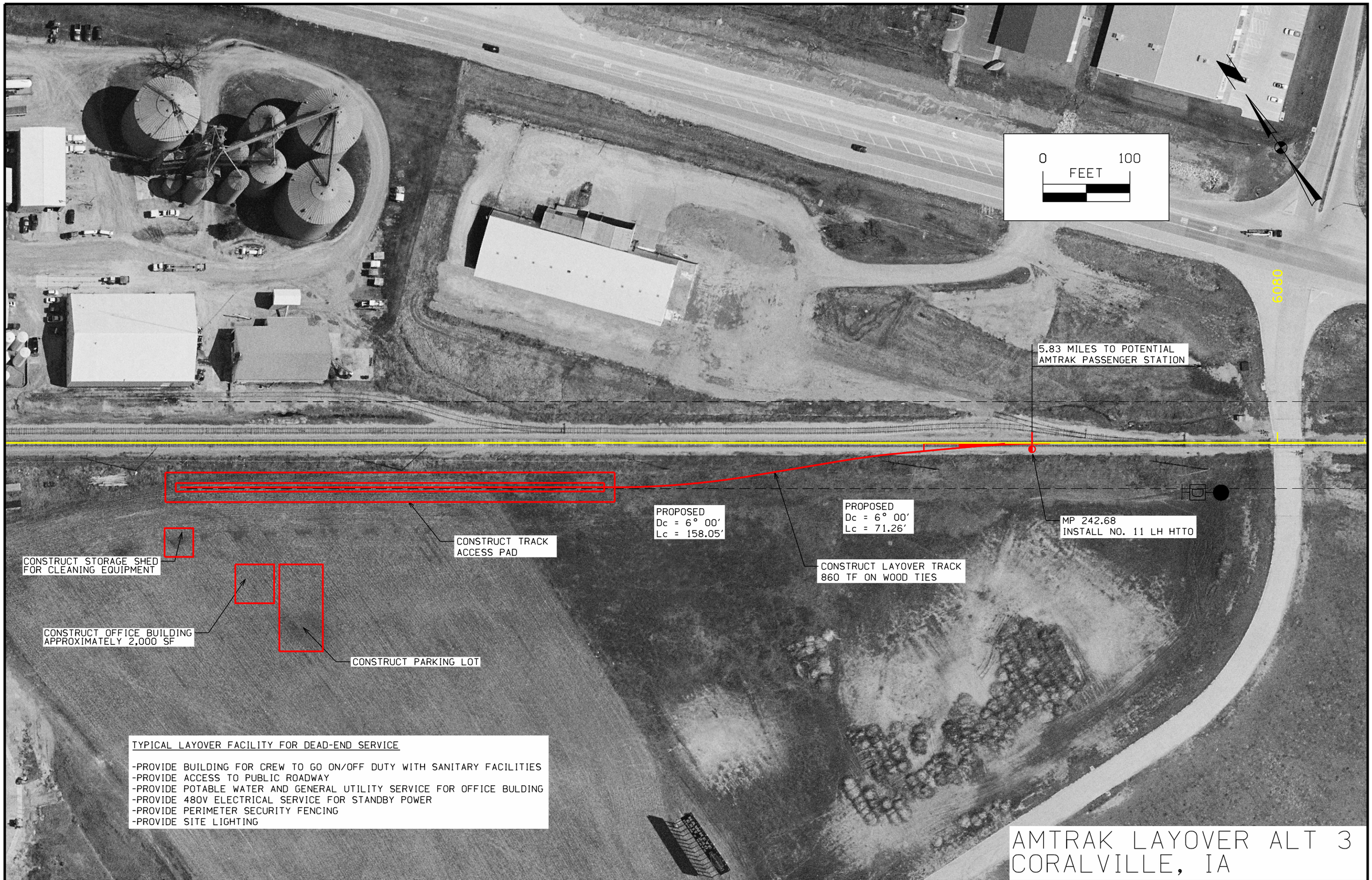
ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER E.42

09:38AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.42.dgn

IOWA CITY YARD IMPROVEMENTS

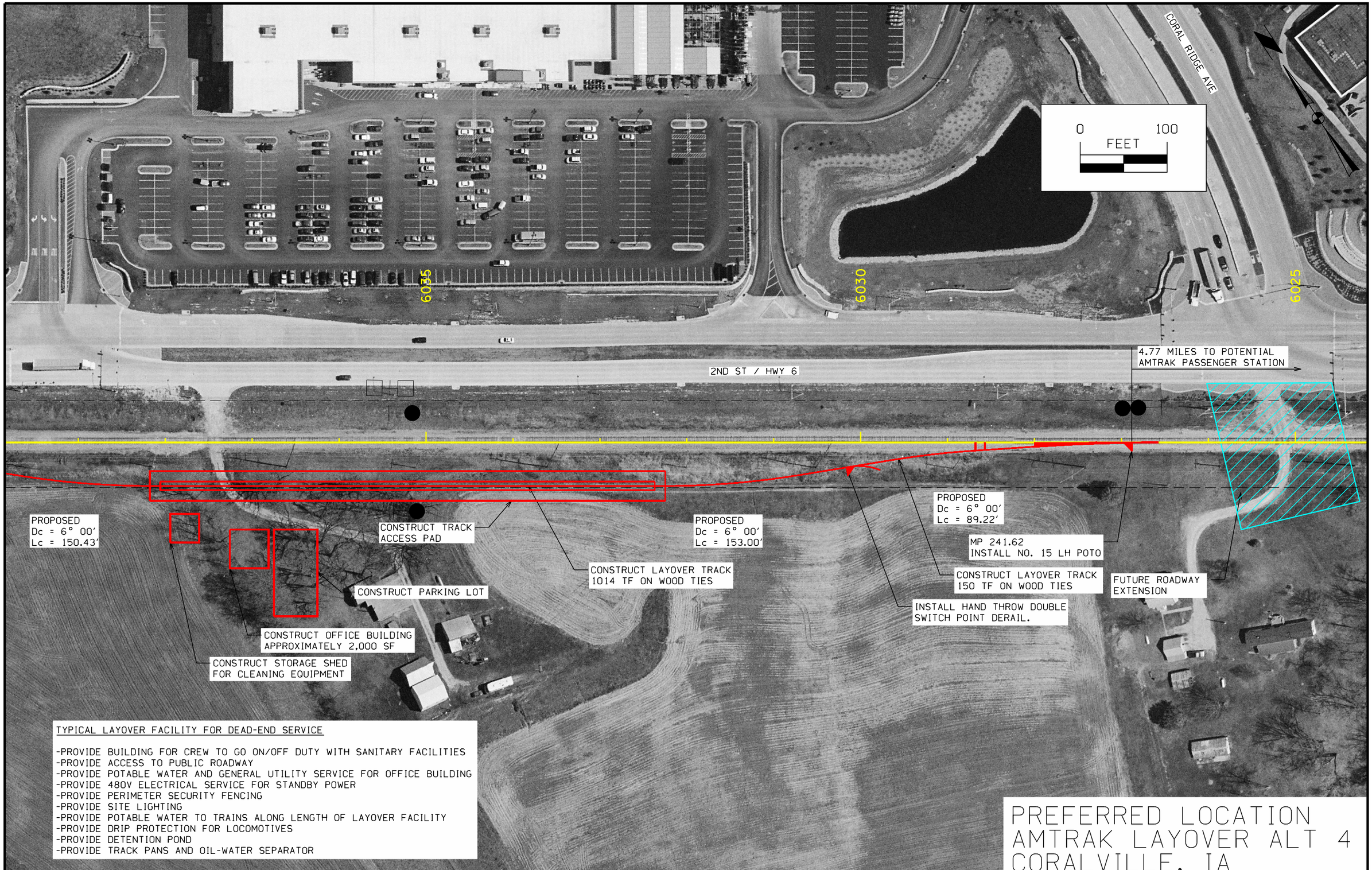
ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER E.43

10:54AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.43.dgn



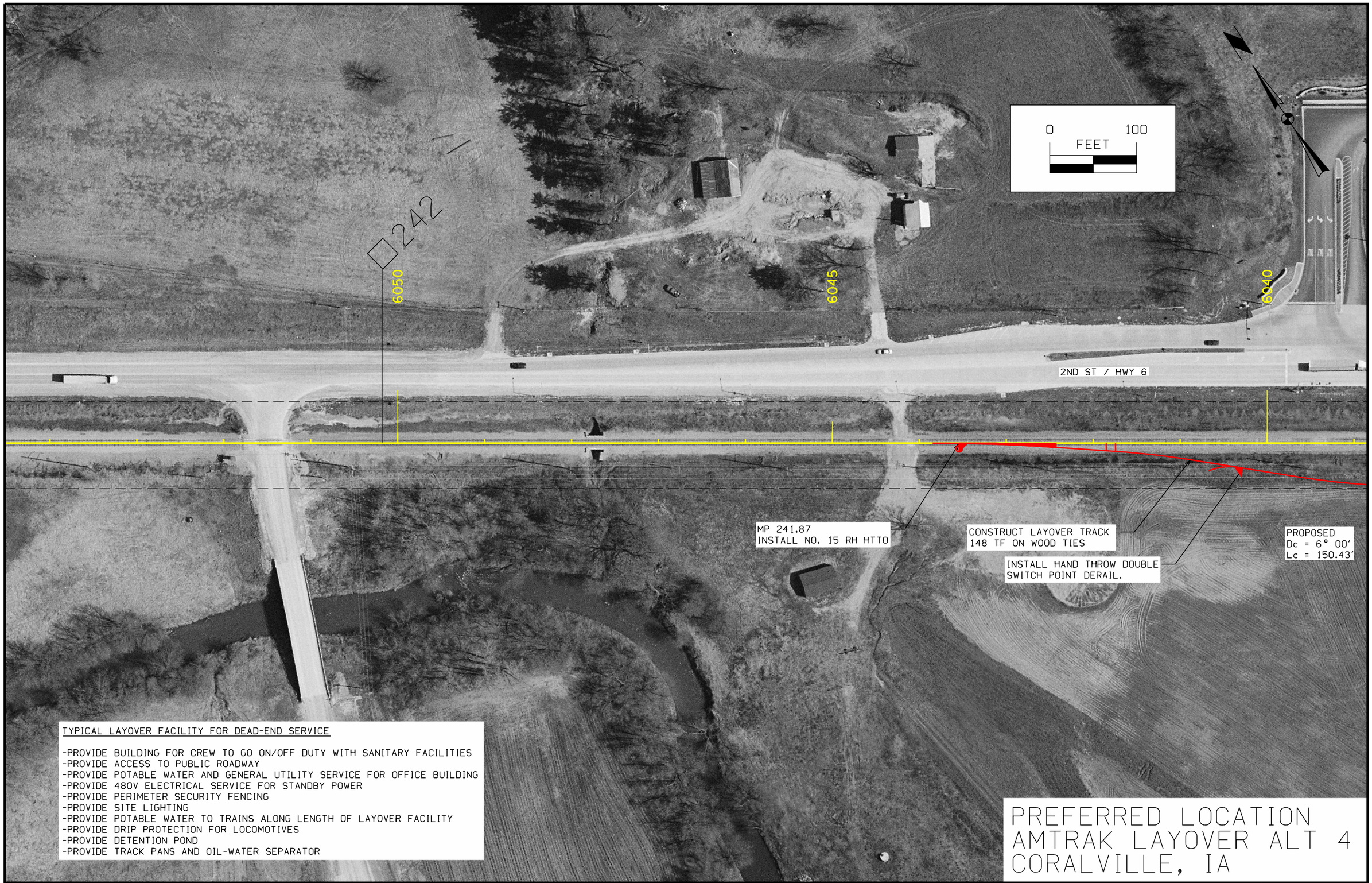
ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER	E.44

09:57AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.44.dgn



ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER	E.45

09:39AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.45.dgn



PREFERRED LOCATION
AMTRAK LAYOVER ALT 4
CORALVILLE, IA

ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER	E.46

10:57AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.46.dgn

TYPICAL LAYOVER FACILITY FOR DEAD-END SERVICE

-PROVIDE BUILDING FOR CREW TO GO ON/OFF DUTY WITH SANITARY FACILITIES
-PROVIDE ACCESS TO PUBLIC ROADWAY
-PROVIDE POTABLE WATER AND GENERAL UTILITY SERVICE FOR OFFICE BULDING
-PROVIDE 480V ELECTRICAL SERVICE FOR STANDBY POWER
-PROVIDE PERIMETER SECURITY FENCING
-PROVIDE SITE LIGHTING

AMTRAK LAYOVER ALT 5
IOWA CITY, IA

ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER E.47

09:39AM 03-Aug-10 mwurtele c:\pwworking\oma\d0573910\E.47.dgn

TRACK CHART ABBREVIATION LEGEND

BRIDGES • CULVERTS

A	ARCH
AB	ABUTMENT
AP	APPROACH
AR	ARCH
ARM TL	ARMCO TUNNEL LINER
B	BOX
BASC	BASCULE
BD	BALLAST DECK
BDPT	BALLAST DECK PILE TRESTLE - WOOD
BR	BRIDGE
BRK	BRICK
BX	BOX
C	CONCRETE
CA	CONCRETE ARCH
CB	CONCRETE BOX
CBG	CONCRETE BOX GIRDER
CCTS	COMBINATION CONCRETE & TIMBER SLAB
CG	CONCRETE "I" GIRDER
CIP	CAST IRON PIPE
CMA	CURRUGATED METAL ARCH
CMP	CORRUGATED METAL PIPE
CTG	CONCRETE "T" GIRDER
CP	CONCRETE PIPE
CUL	CULVERT
DBL	DOUBLE
DG	DECK GIRDER
DPG	DECK PLATE GIRDER
DPLG	DECK PLATE LATTICE GIRDER
DPCT	DECK PIN CONNECTED TRUSS
DR SP	DRAW SPAN
DRT	DECK RIVETED TRUSS
DS	SWING SPAN
DT	DECK TRUSS
EXT	EXTENSION
FT	FRAME TRESTLE - WOOD
FTG	FOOTING
GCIP	GALVANIZED CORRUGATED IRON PIPE
GIP	GALVANIZED IRON PIPE
IB	"I" BEAM OR GIRDER BEAM SPAN
I BM	"I" BEAM
LG	LONG
LS	LIFT SPAN
MPP	MULTI-PLATE PIPE
MSY	MASONRY
O	OVAL
OCP	OVAL CONCRETE PIPE
OD	OPEN DECK
OMP	OVAL METAL PIPE
ORCP	OVAL REINFORCED CONCRETE PIPE
PC	PRE-STRESSED CONCRETE
PCMP	PERFORATED CORRUGATED CONCRETE PIPE
PED	PEDESTAL
PRT	PONY RIVETED TRUSS
PT	PILE TRESTLE - WOOD
RCA	REINFORCED CONCRETE ARCH
RCB	REINFORCED CONCRETE BOX
RCP	REINFORCED CONCRETE PIPE
RCT	REINFORCED CONCRETE TRESTLE
RD WD	REDWOOD
RSB	REINFORCED STONE BOX
RTB	RAIL TRACK BOX
RTCB	RAIL TOP CONCRETE BOX
RTSB	RAIL TOP STONE BOX
SA	STEEL ARCH
SBG	STEEL BOX GIRDER
SP	STEEL PIPE
SPP	STEEL PLATE PIPE
SSC	STEEL STRINGERS & CAPS
SSP	STUCTURAL STEEL PIPE
STA	STONE ARCH
STB	STONE BOX
STO	STONE
T	TILE
TBX	TIMBER BOX
TDBX	THRU VOID, DBL. CELL PRES. CONC. BEAM OR GIRDER
TL	TUNNEL LINER
THG	THRU GIRDER
THT	THRU TIMBER TRUSS
TPLG	THRU PLATE LATTICE GIRDER
TP	TILE PIPE
TPCT	THRU PIN CONNECTED TRUSS
TPG	THRU PLATE GIRDER
TR	TREATED
TR	T-RAIL
TPL	TRIPLE
TRT	THRU RIVETED TRUSS
TSBX	THRU VOIDED-SINGLE CELL PRESTRESSED CONCRETE BEAM OR GIRDER
VIT P	VITRIFIED PIPE
VP	VITRIFIED PIPE
VTEE	VOIDED PRESTRESSED CONC. TEE GIRDER
VTP	VITRIFIED TILE PIPE
WB	WOOD BOX
WD	WOOD
WF	WIDE FLANGE BEAM SPAN
WP	WOOD PIPE
WR I P	WROUGHT IRON PIPE

TRACK • SIGNAL

ABS	AUTOMATIC BLOCK SIGNAL SYSTEM
ABD	ACOUSTIC BEARING DETECTOR
AEI	AUTOMATIC EQUIPEMENT IDENIFICATION READER
ATS	AUTOMATIC TRAIN STOPS
BFD	BROKEN FLANGE DETECTOR
BR SIG	BRIDGE SIGNAL
CANT SIG	CANTILEVER SIGNAL
CTC	CENTRALIZED TRAFFIC CONTROL
DED	DRAGGING EQUIPMENT DETECTOR
DESLTD	DRAGGING EQUIP. & SHIFTED LOAD W/TOP DETECTOR
F	FREIGHT (SPEED)
F/G	FLASHING SIGNAL WITH AUTOMATIC GATES
FL	FLASHING SIGNAL
HB & DED	HOT BEARING & DRAGGING EQUIP. DETECTOR
HWD	HIGH WATER DETECTOR
INTLK	INTERLOCKING
I TOWER	INTERLOCKING TOWER
LS	LINE SEGMENT
MP	MILEPOST
NO.	NUMBER
OCS	OCCUPANCY CONTROL SYSTEM
OH	OVERHEAD
OOS	OUT OF SERVICE
P	PASSENGER (SPEED)
RES LIM	RESTRICTED LIMITS
RL	RAIL LUBRICATOR
SIGS	SIGNALS
SBC	SHOULDER BALLAST CLEANING
SLD	SHIFTED LOAD DETECTOR
SLTD	SHIFTED LOAD WITH TOP DETECTOR
S SW	SPRING SWITCH
T.O.	TURNOUT
TRK	TRACK
TWC	TRACK WARRANT CONTROL
UC	UNDERCUT
WID	WHEEL IMPACT DETECTOR
YL	YARD LIMIT

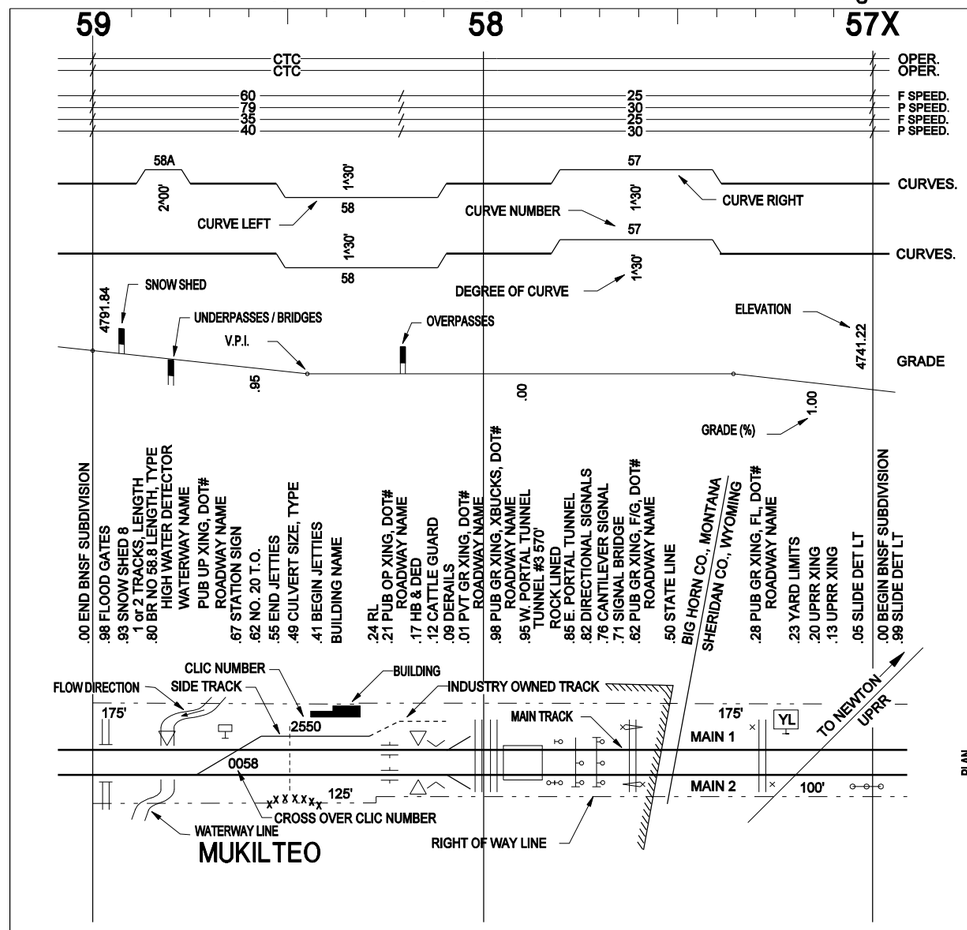
MISCELLANEOUS

AVE	AVENUE
BLVD	BOULEVARD
CO	COUNTY
CONN	CONNECTION
CONST	CONSTRUCTED
CR	CREEK OR CRUSHED ROCK
DBL	DOUBLE
DIV	DIVISION
DR	DRIVE
E	EAST
EL	ELEVATION
F LT P	FLOOD LIGHT POLE
F LT T	FLOOD LIGHT TOWER
FRT	FREIGHT
GR	AT GRADE
HO	HOUSE
HWY	HIGHWAY
IND	INDUSTRY
JCT	JUNCTION
JT	JOINT
LT	LEFT
MAX	MAXIMUM
MTCE	MAINTENANCE
NO	NORTH
OH	OVERHEAD
OP	OVERPASS
PED	PEDESTRIAN
PK	PARKWAY
PO	POWER
PSGR	PASSENGER
PUB	PUBLIC
PVT	PRIVATE
RD	ROAD
RESERV	RESERVOIR
RIV	RIVER
RR	RAILROAD
RT	RIGHT
RW	RIGHT-OF-WAY
RY	RAILWAY
SEC	SECTION
SO	SOUTH
ST	STREET
STA	STATION
SUB	SUBDIVISION
TPL	TRIPLE
UP	UNDERPASS
W	WEST
YD	YARD
XBUCKS	CROSSBUCKS
XING	CROSSING

BNSF Railway Company

AUR000B.DGN Revised: 05/17/2006

← Timetable Subdivision Terminus West — Line Segment Number — Timetable Subdivision Terminus East →



PLAN

MILEPOST NUMBER
SURVEY STATION
METHOD OF OPERATION
MAIN 1 OR 3 SPEEDS
MAIN 2 OR 4 SPEEDS
CURVE RIGHT
MAIN 1 OR 3 TANGENT
CURVE LEFT
CURVE RIGHT
MAIN 2 OR 4 TANGENT
CURVE LEFT
ELEVATION
GRADE LINE
GRADE
PLAN VIEW MILEPOST
AND FEATURE DESCRIPTION
FOREIGN LINE
RIGHT-OF-WAY LINE
RIGHT-OF-WAY DIMENSION
MAIN 1
MAIN 2
RIGHT-OF-WAY DIMENSION
RIGHT-OF-WAY LINE
STATION NAME
STATION MILEPOST

TRACK CHART FEATURE LEGEND

NOTES

TRACK NUMBERS MAY NOT BE AVAILABLE FOR ALL TRACKS
TRACK NUMBERS MARKED WITH AN * ARE UNKNOWN

BRIDGES
THE MILEPOST LOCATION OF A BRIDGE IS THE LOW MILEPOST END OF THE BRIDGE.

GRADE
GRADE IS SHOWN PERIODICALLY WHERE THE GRADE CHANGES ARE TOO NUMEROUS OVER SHORT DISTANCES TO CLEARLY SHOW.

MILEPOST
SIGNIFICANTLY LONG OR SHORT MILES ARE NOTED WITH THEIR RESPECTIVE EQUATIONS. ALPHA CHARACTER MILEPOST INDICATE DUPLICATION OF NUMBERS WITHIN A SUB OR MAIN 1 HAS DIFFERENT ALIGNMENT THAN MAIN 2.

TRACK
MAIN LINES ARE SHOWN WITH A BOLD LINE.

RAIL
WELDED RAIL IS SHOWN WITH A BOLD LINE. BOLTED RAIL IS SHOWN WITH A THIN LINE.

TIES
CONCRETE TIES ARE SHOWN WITH A BOLD LINE. TIMBER TIES ARE SHOWN WITH A THIN LINE.

SCALE
HORIZONTAL: 2"=1 MILE (1 MILE MAY NOT EQUAL 5280') VERTICAL: NONE

SYMBOLS

- RAIL LUBRICATOR
- SIGNALS:
  - BRIDGE — SINGLE DIRECTIONAL
  - CANTILEVER — BI-DIRECTIONAL
- ROAD CROSSINGS:
  - 026007F — D.O.T. NUMBER, AS SHOWN ON PUBLIC AND PRIVATE CROSSINGS
  - ROAD CROSSING WARNING DEVICE, FLASHING SIGNALS WITH AUTOMATIC GATES
  - ROAD CROSSING WARNING DEVICE, FLASHING SIGNALS
- SLIDE DETECTOR FENCE
- DETECTORS:
  - ABD - ACOUSTIC BEARING DETECTOR
  - AEI - AUTOMATIC EQUIPMENT IDENTIFICATION READER
  - BFD - BROKEN FLANGE DETECTOR
  - SLD - SHIFTED LOAD DETECTOR
  - SLTD - SHIFTED LOAD WITH TOP DETECTOR
  - HB & DED - HOT BEARING & DRAGGING EQUIPMENT DETECTOR
  - HWD - HIGH WATER DETECTOR
  - WID - WHEEL IMPACT DETECTOR
- STATION SIGN
- YL — YARD LIMIT SIGN
- CATTLE GUARD
- CULVERT
- TUNNEL OR SNOW SHED
- x x x x — JETTIES
- FLOOD GATE
- DERAIL
- CITY LIMITS
- RIGHT OF WAY LINE *

* RIGHT OF WAY OWNERSHIP DIMENSIONS SHOWN MAY BE APPROXIMATE OR OUT OF DATE. FOR MORE ACCURATE INFORMATION ACCESS THE MAPS AND RECORDS WEBSITE FOR STATION AND RIGHT OF WAY MAPS OR CALL THE BARTLETT AND WEST COMPANY AT 785-435-4607

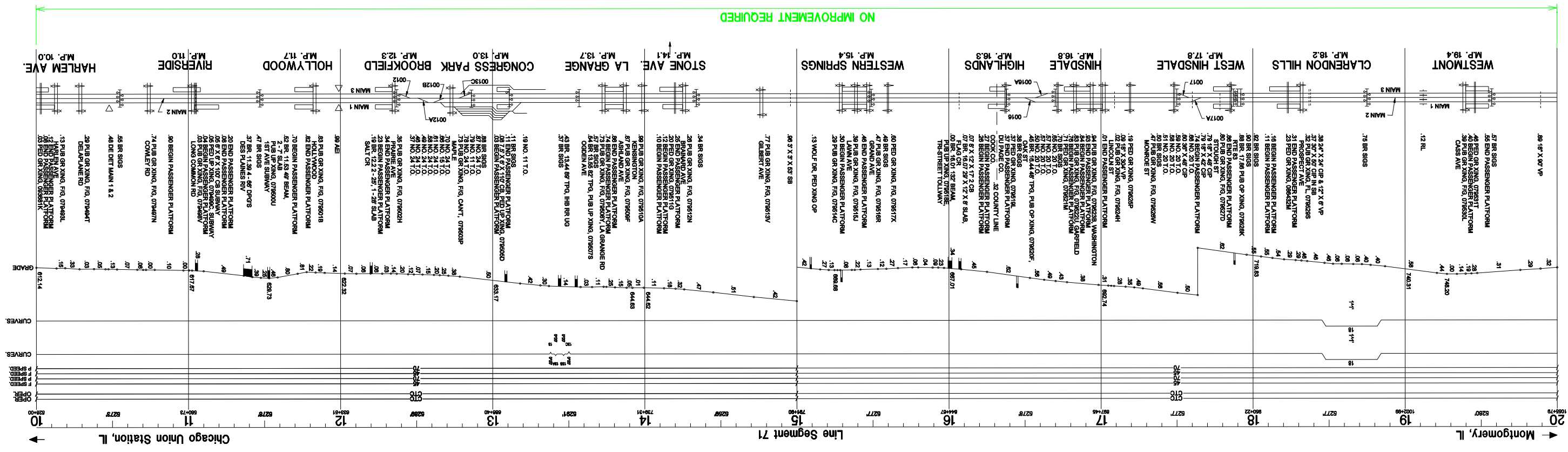
BNSF Railway Company — AUR000A.DGN — Revised: 05/17/2006 — Subdivision Name

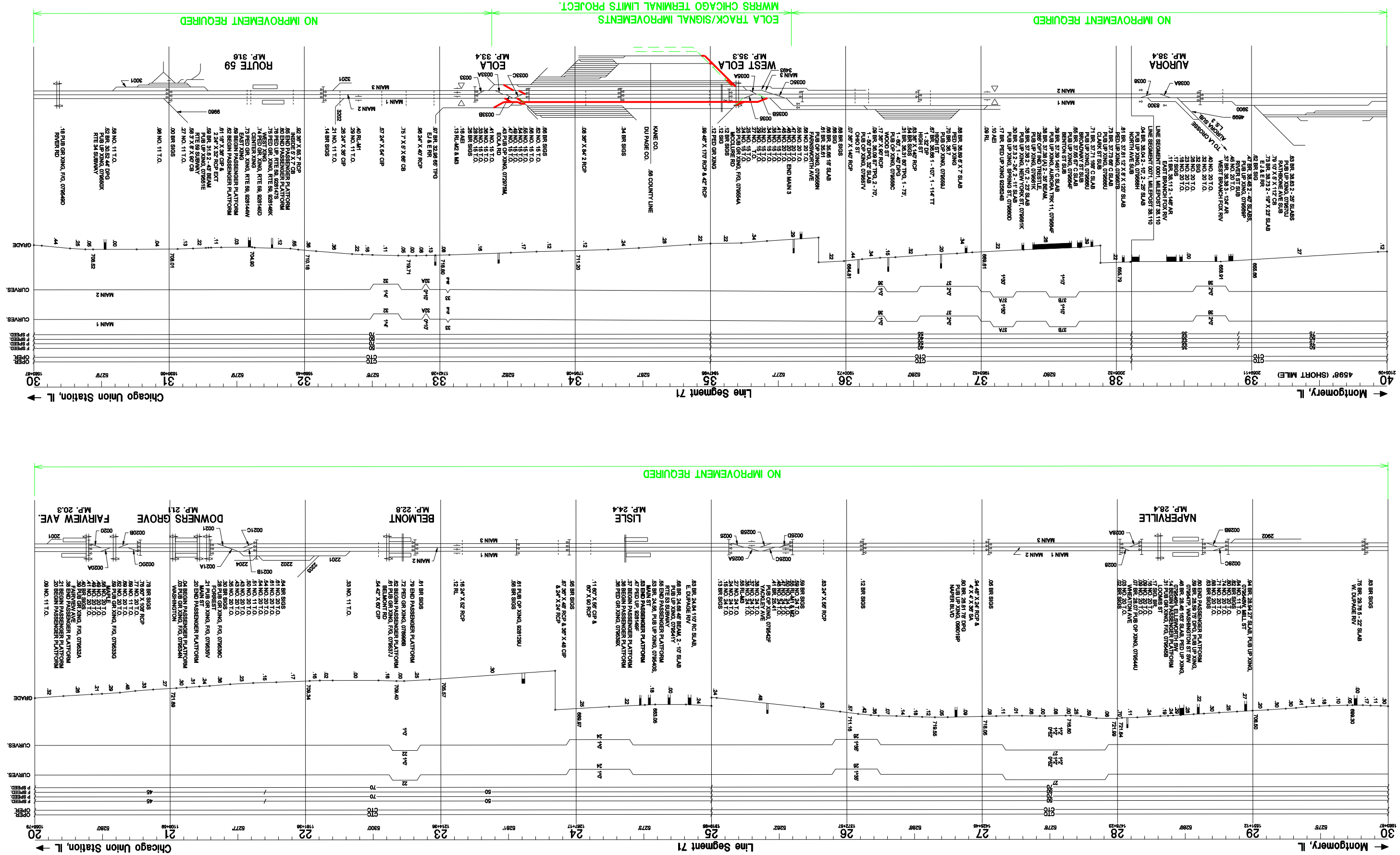
ENGLISH	IOWA DOT	DESIGN TEAM HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER G.02	REVISED

27-Sep-09 16:36 wjansen C:\PWworking\OMA\d0461829\dsnBNSF_SL_LEGEND.dgn

27-Sep-09 16:40 wjansen C:\PWworking\OMA\d0461829\dsnBNSF_SL_0-20.dgn

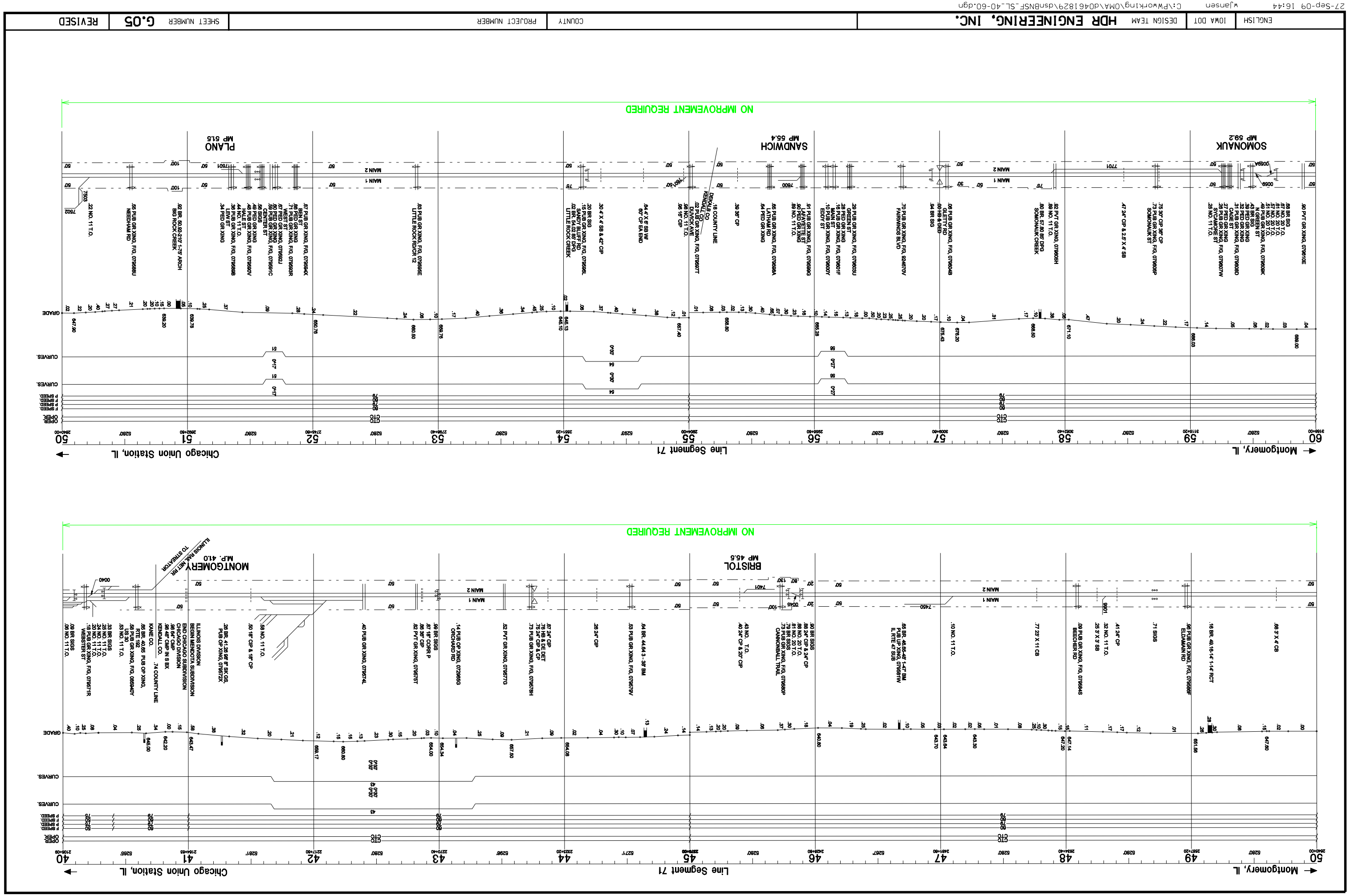
ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER G.03	REVISED





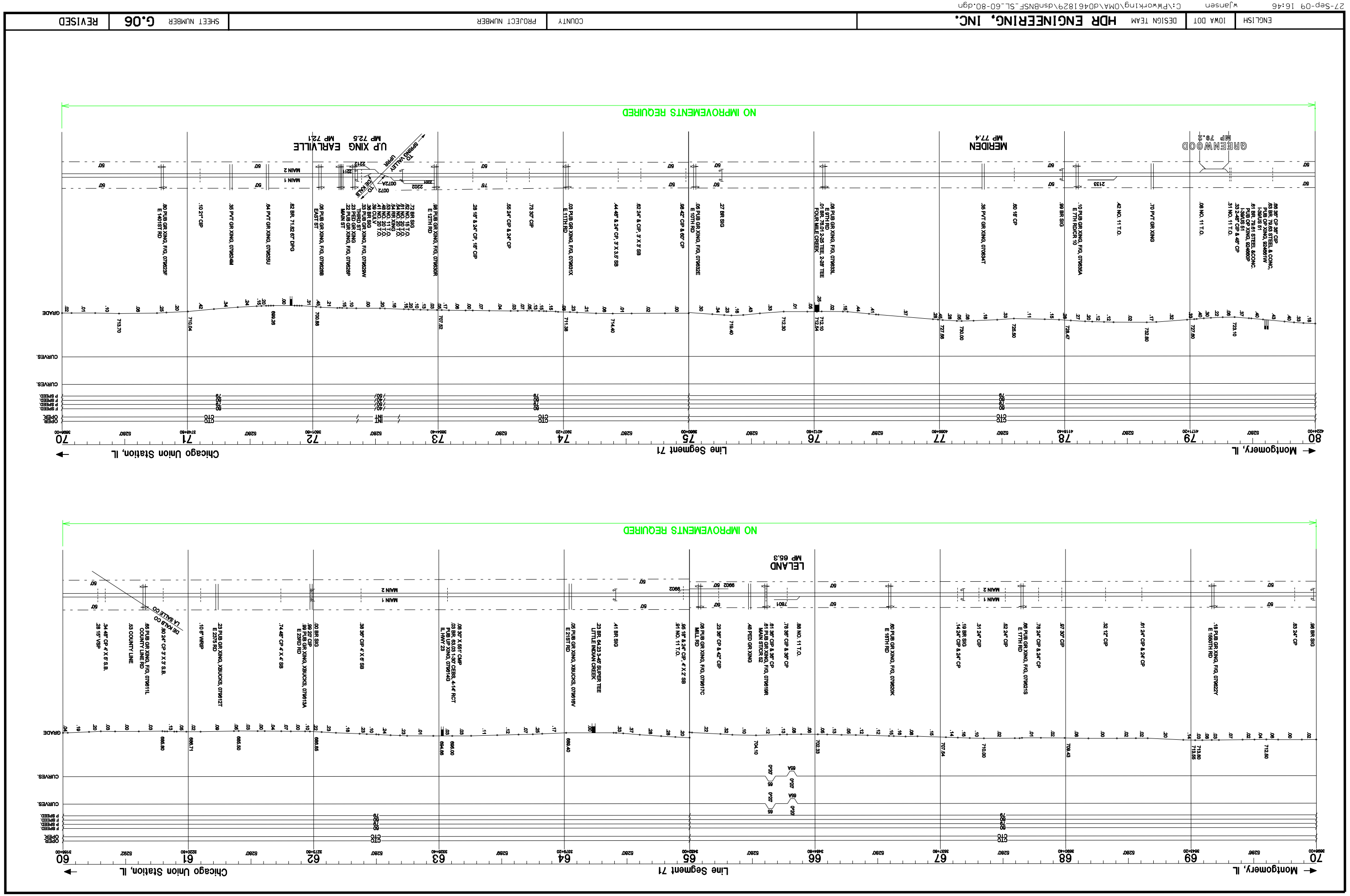
ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER	G.04	REVISED

27-Sep-09 16:42 wjansen C:\PWworking\OMA\d0461829\dsnBNSF_SL_20-40.dgn



ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER G.05	REVISED

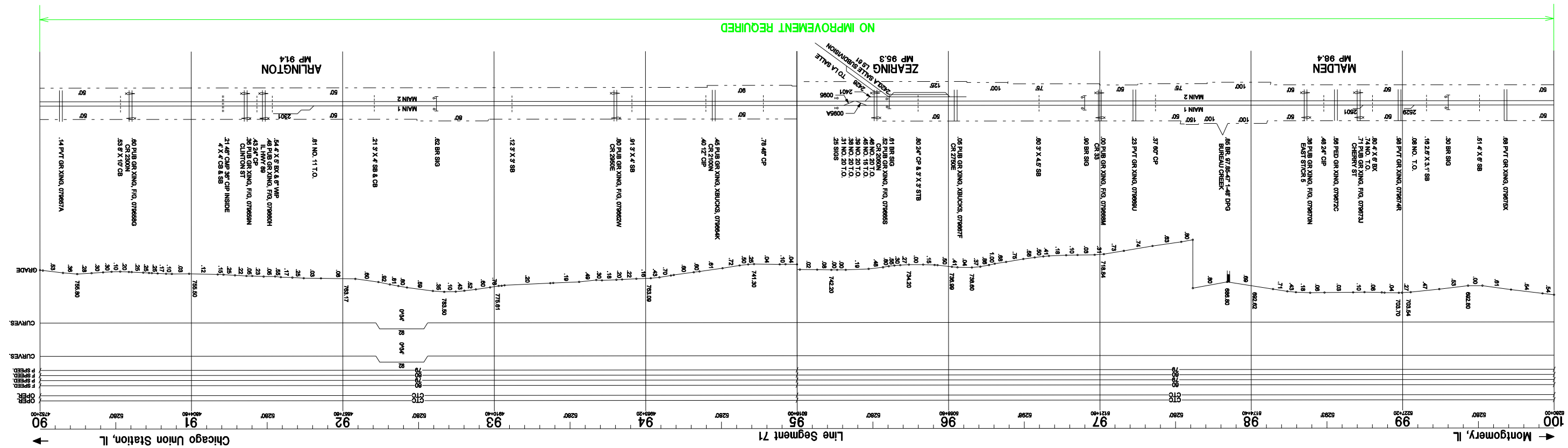
27-Sep-09 16:44 wjansen C:\PWworking\OMA\d0461829\dsnBNSF_SL_40-60.dgn

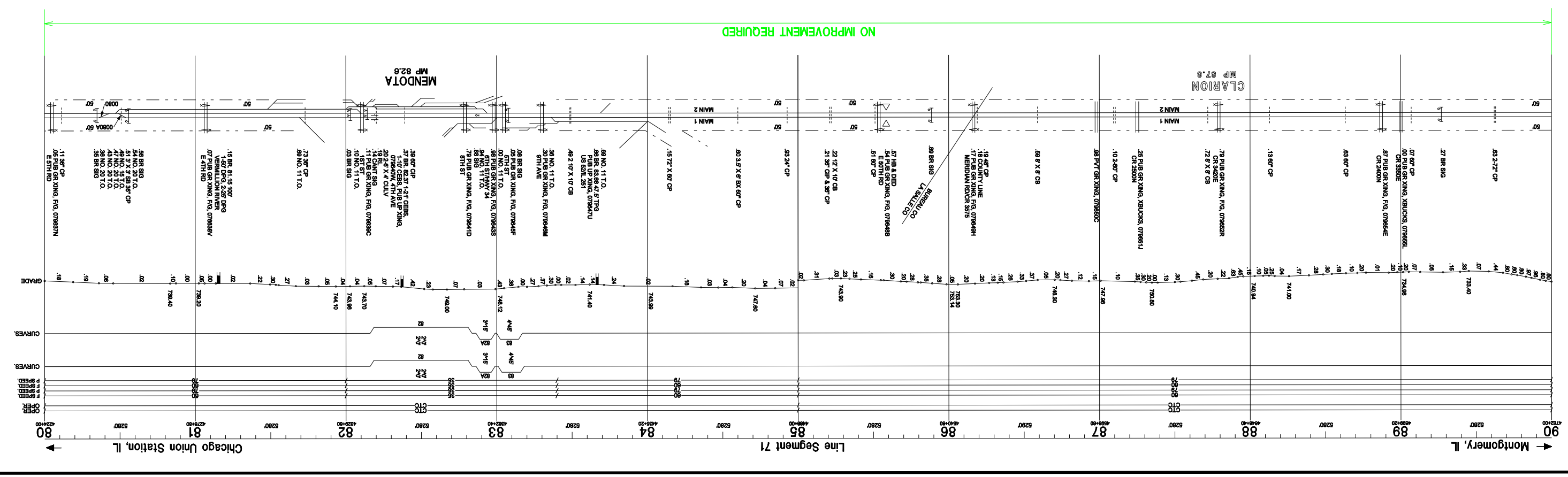

NO IMPROVEMENTS REQUIRED
GREENWOOD
MP 75.2
MERIDEN
MP 77.4
UP XING EARLVILLE
MP 72.5 MP 72.1
TO SPRING VALLEY
TO DEKALB
MAIN 1
MAIN 2
.66 PUB GR XING, F/G, 079623F E 140TH RD
.10 21" CIP
.35 PVT GR XING, 079625M
.54 PVT GR XING, 079625U
.82 BR, 71.62 67' DPG
.08 PUB GR XING, F/G, 079622BB EAST ST
.22 PUB GR XING, F/G, 079622BP MAIN ST
.33 PUB GR XING, F/G, 079623W
.36 BR SIG
.98 PUB GR XING, F/G, 079630R
.28 18" & 24" CP, 18" CIP
.55 24" CIP & 24" CP
.73 30" CIP
.03 PUB GR XING, F/G, 079631K E 110TH RD
.44 48" & 24" CP, 3' X 3.5' SB
.62 24" & CIP, 3' X 3' SB
.98 42" CIP & 60" CP
.06 PUB GR XING, F/G, 079632E E 10TH RD
.27 BR SIG
.08 PUB GR XING, F/G, 079633L E 9TH RD
.01 BR, 78.01 2-36" TEE, 2-36" TEE FOUR MILE CREEK
.35 PVT GR XING, 079634T
.60 18" CP
.99 BR SIG
.10 PUB GR XING, F/G, 079635A E 7TH RD/CR 10
.42 NO. 11 T.O.
.70 PVT GR XING
.08 NO. 11 T.O.
.31 NO. 11 T.O.
.33 24" CIP & 48" CP
.09 PUB GR XING, F/G, 079636P
.61 BR, 78.61 STEEL & CONC. 1-36" & 1-24" CONC.
.63 BR, 78.63 STEEL & CONC. 1-36" & 1-24" CONC.
.66 36" CP, 36" CIP
GRADE
CURVES
P SPEED
CTC
INT
OPER OPER.
Montgomery, IL
Line Segment 71
Chicago Union Station, IL

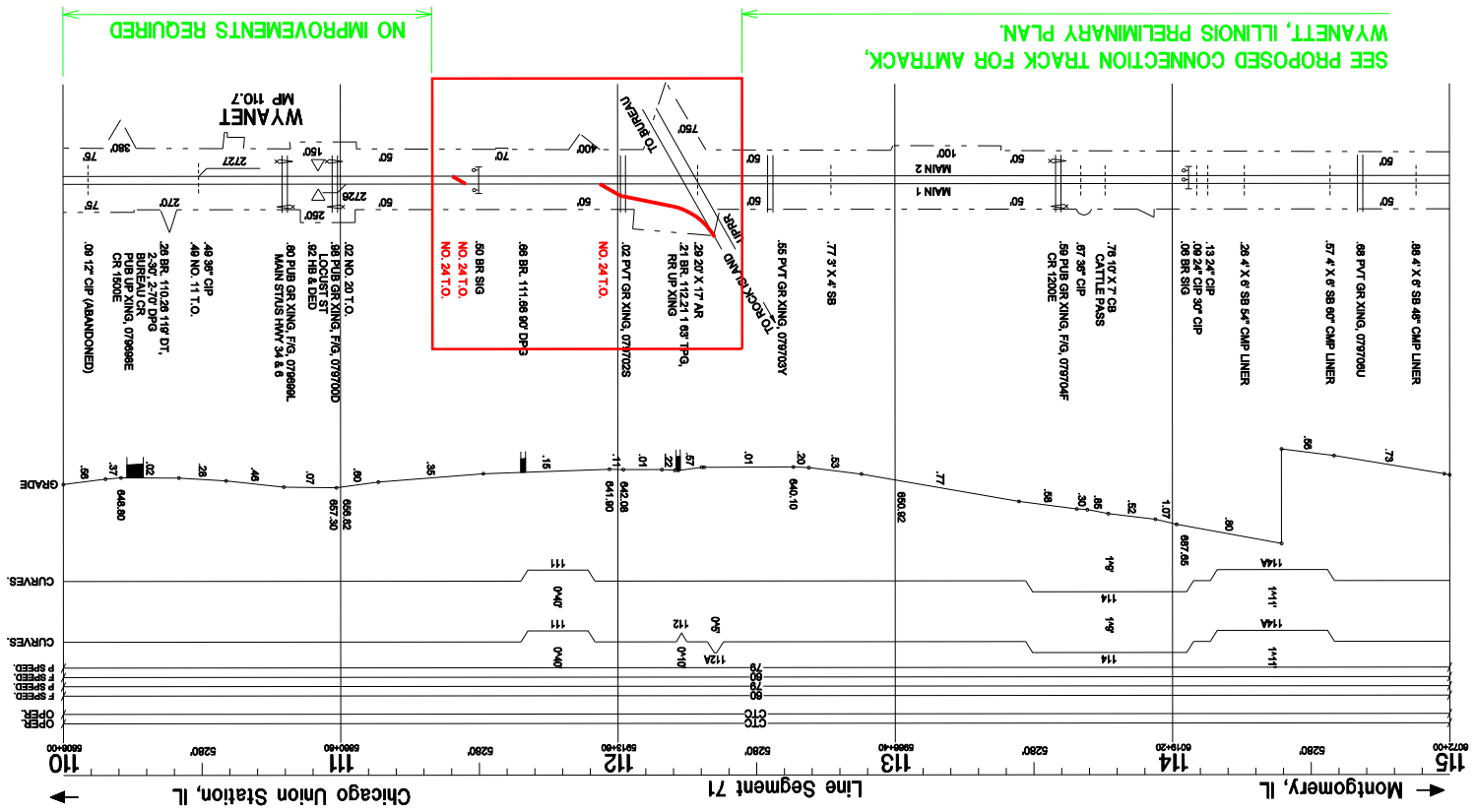
NO IMPROVEMENTS REQUIRED
LELAND
MP 65.3
MAIN 1
MAIN 2
.36 BR SIG
.83 24" CP
.15 PUB GR XING, F/G, 079622Y E 150TH RD
.32 12" CIP
.51 24" CIP & 24" CP
.97 30" CIP
.78 24" CIP & 24" CP
.09 PUB GR XING, F/G, 079623S E 17TH RD
.82 24" CIP
.31 24" CIP
.19 BR SIG
.14 24" CIP & 24" CP
.60 PUB GR XING, F/G, 079620K E 18TH RD
.89 NO. 11 T.O.
.78 36" CIP & 36" CP
.81 36" CIP & 36" CP
.81 PUB GR XING, F/G, 079619R MAIN STICK 02
.48 PED GR XING
.23 36" CP & 42" CIP
.08 PUB GR XING, F/G, 079617C MILL RD
.56 18" & 24" CIP, 4' X 2' SB
.91 NO. 11 T.O.
.41 BR SIG
.23 BR, 64.23 3-45 SUPER TEE LITTLE INDIAN CREEK
.05 PUB GR XING, XBUCKS, 079616V E 215TH RD
.39 36" CIP, 4' X 6' SB
.00 BR SIG
.09 PUB GR XING, XBUCKS, 079613A E 225RD RD
.74 48" CP, 4' X 4' SB
.23 PUB GR XING, XBUCKS, 079612T E 2375 RD
.10 8" WRIP
.05 PUB GR XING, F/G, 079611L COUNTY LINE RD
.53 COUNTY LINE
.34 48" CP, 4' X 5' S.B.
.28 15" VSP
DE KALB CO
LA SALLE CO
GRADE
CURVES
P SPEED
CTC
OPER OPER.
Montgomery, IL
Line Segment 71
Chicago Union Station, IL

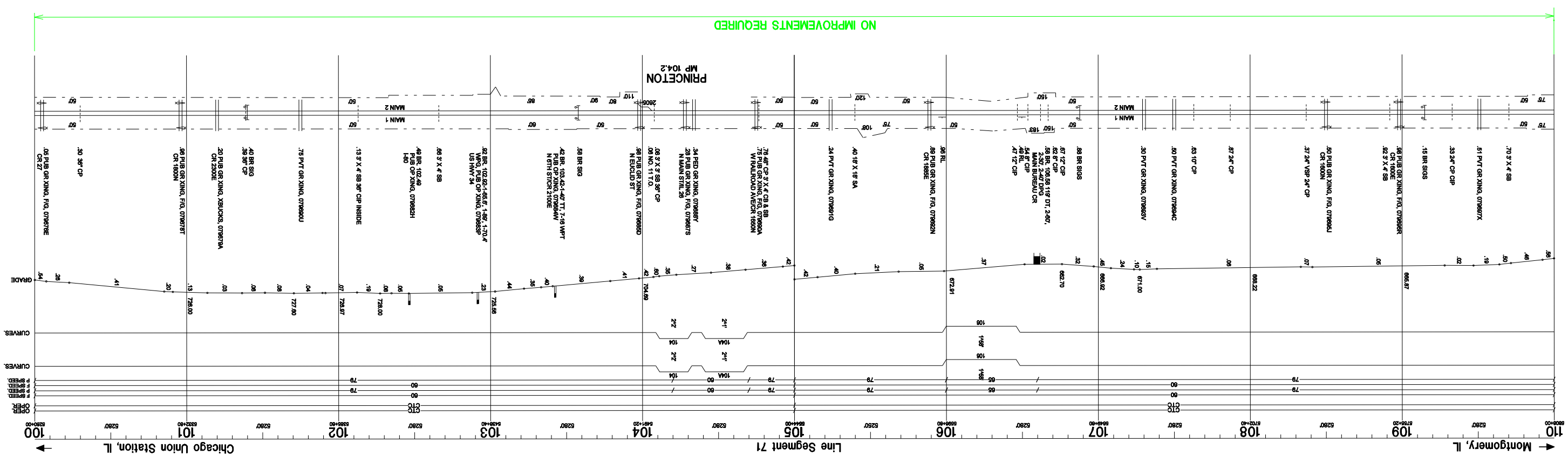
27-Sep-09 16:55 wjansen C:\PWworking\OMA\d0461829\dsn8NSF_SL_80-100.dgn

ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER G.07	REVISED



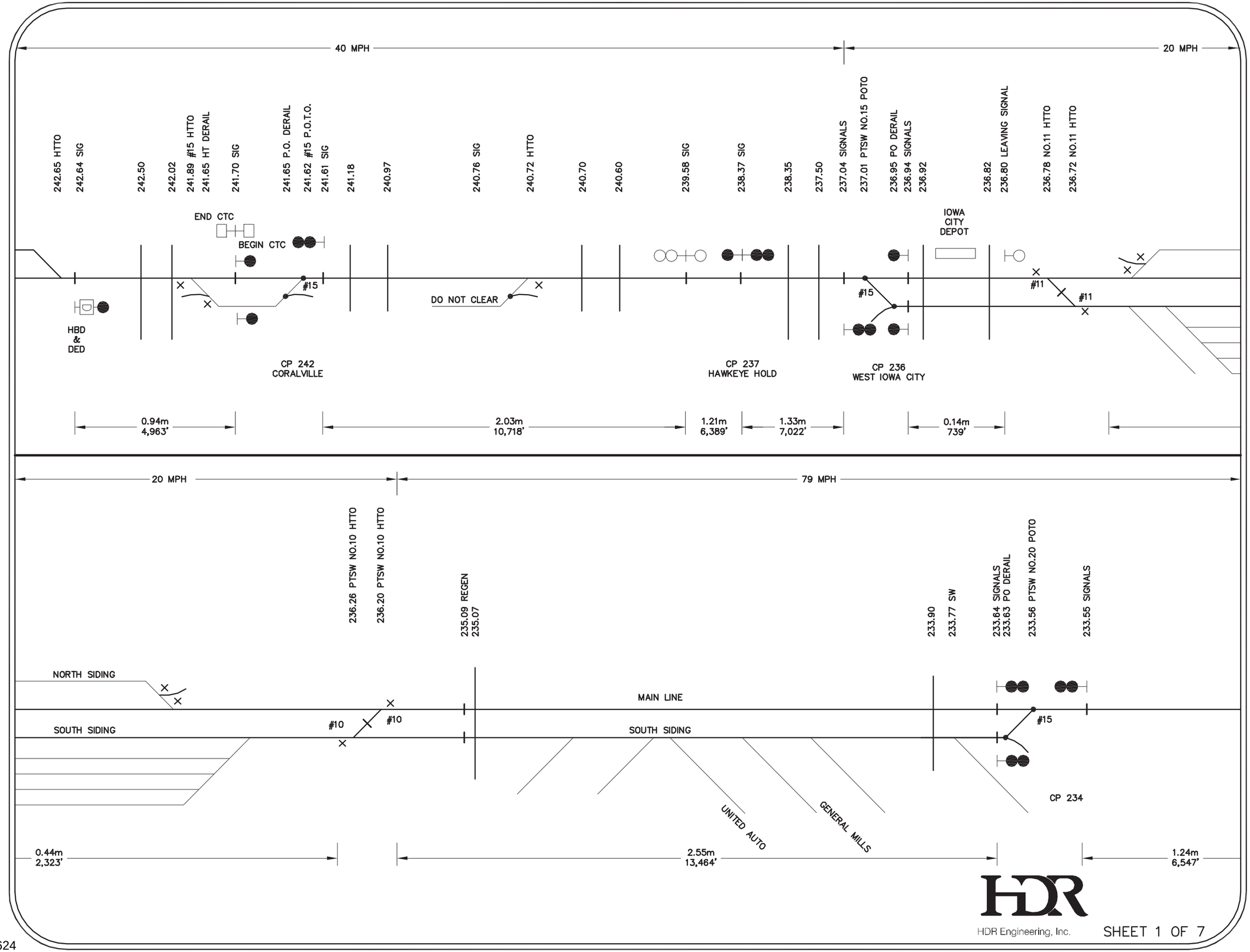




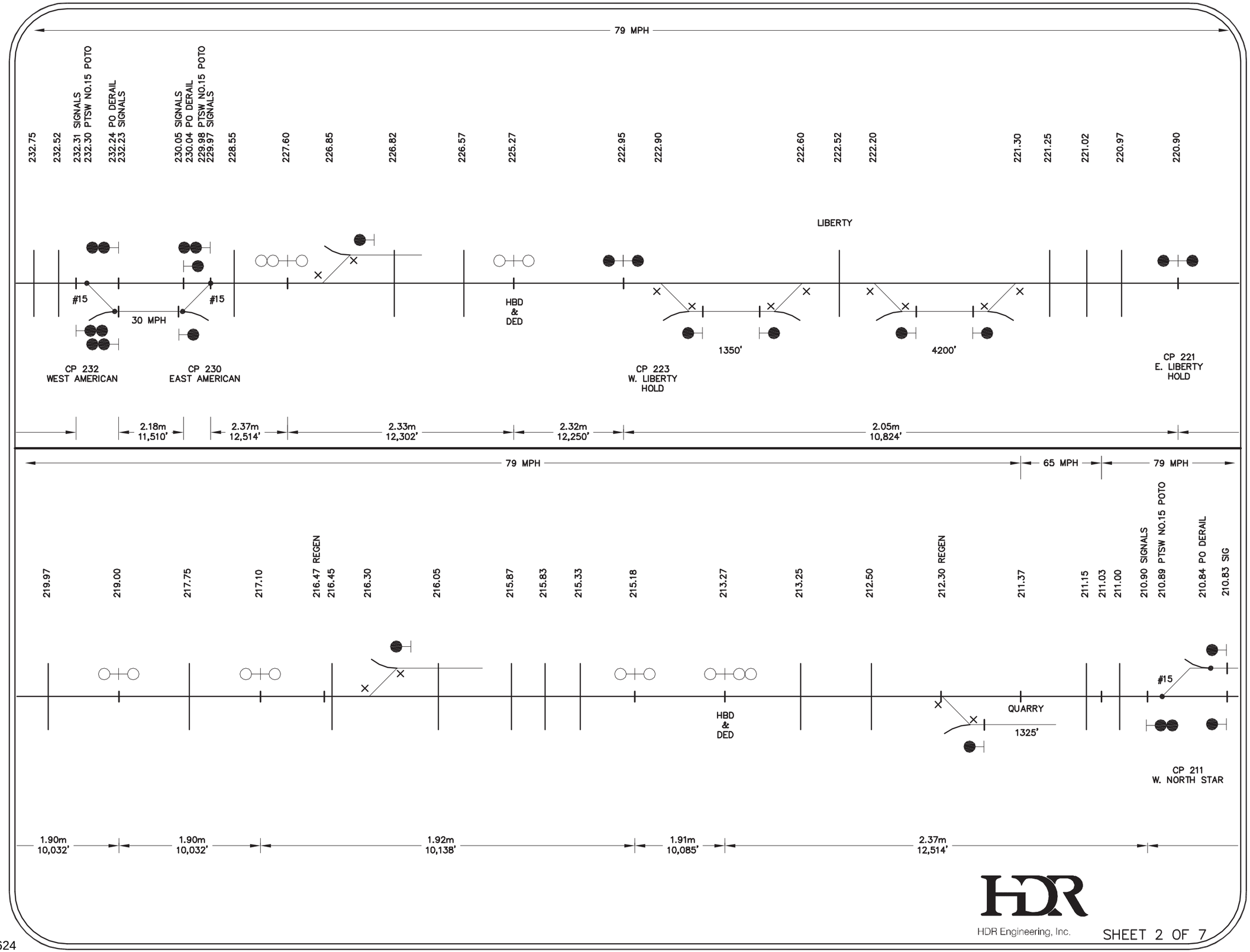


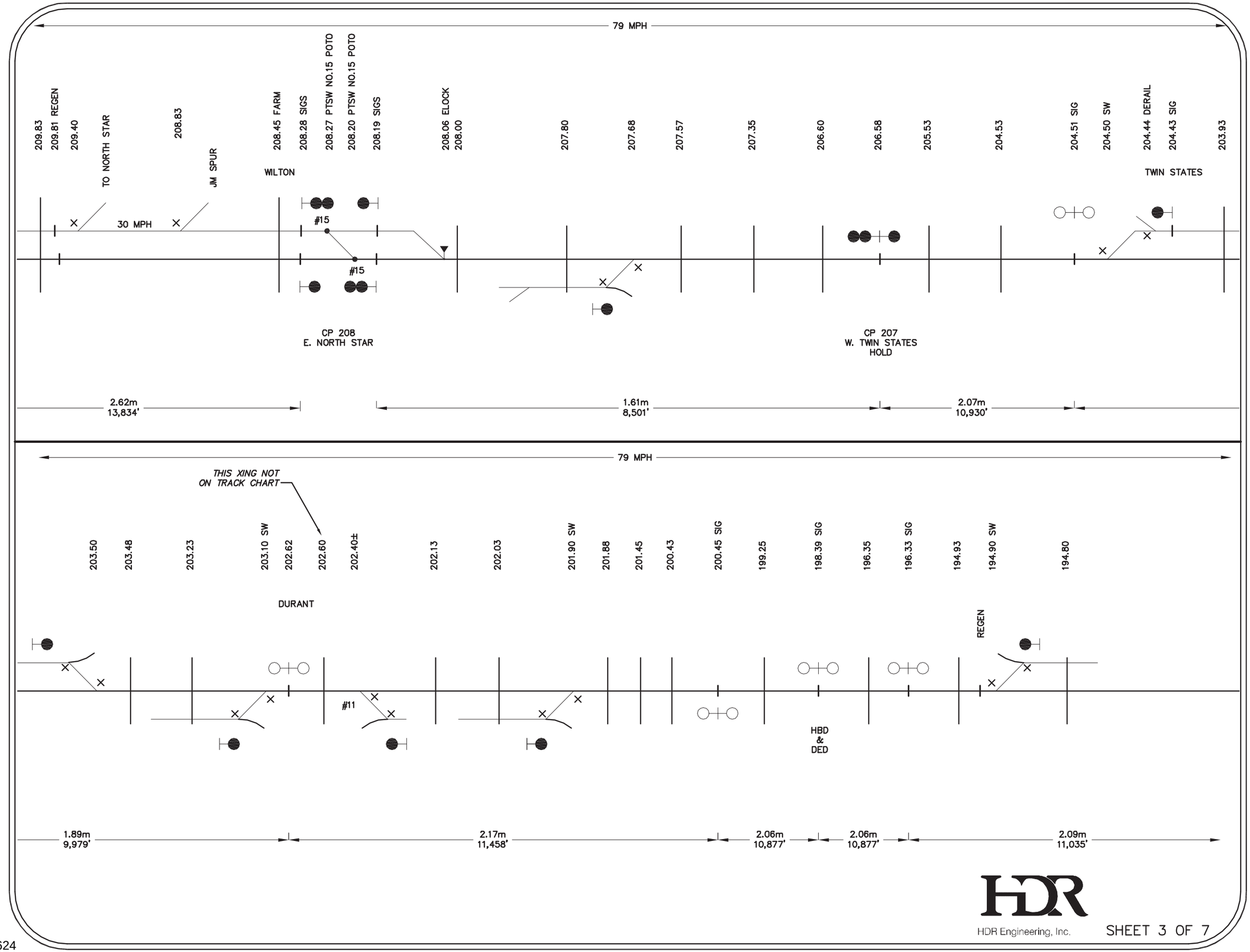
ENGLISH	IOWA DOT	DESIGN TEAM	HDR ENGINEERING, INC.	COUNTY	PROJECT NUMBER	SHEET NUMBER	G.08	REVISED

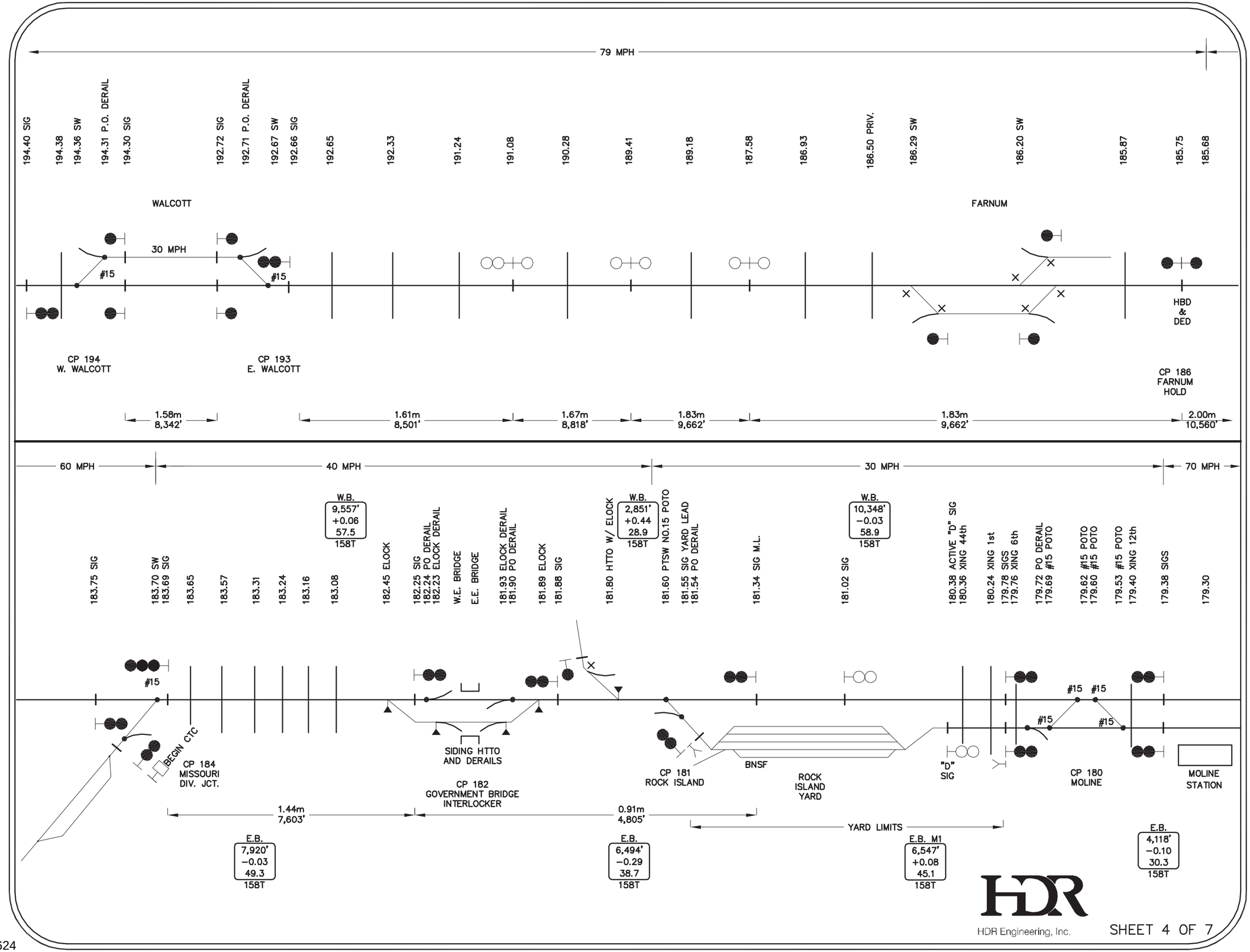
27-Sep-09 16:51 wjansen C:\PWworking\OMA\d0461829\dsnBNSF_SL_100-115.dgn

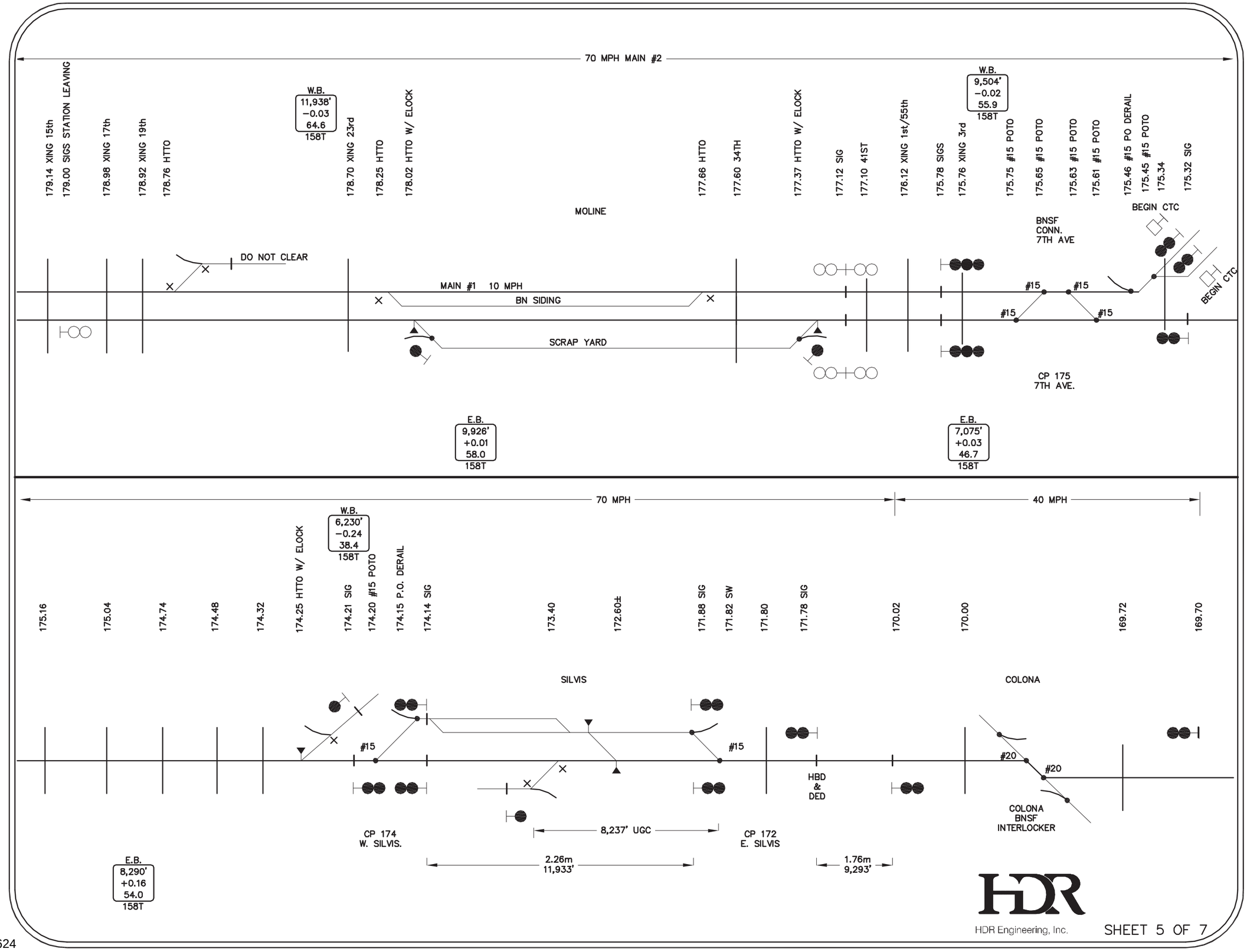

40 MPH
20 MPH
242.65 HTTO
242.64 SIG
242.50
242.02
241.89 #15 HTTO
241.65 HT DERAIL
241.70 SIG
241.65 P.O. DERAIL
241.62 #15 P.O.T.O.
241.61 SIG
241.18
240.97
240.76 SIG
240.72 HTTO
240.70
240.60
239.58 SIG
238.37 SIG
238.35
237.50
237.04 SIGNALS
237.01 PTSW NO.15 POTO
236.95 PO DERAIL
236.94 SIGNALS
236.92
236.82
236.80 LEAVING SIGNAL
236.78 NO.11 HTTO
236.72 NO.11 HTTO
END CTC
BEGIN CTC
#15
DO NOT CLEAR
IOWA CITY DEPOT
#11
#11
#15
HBD & DED
CP 242 CORALVILLE
CP 237 HAWKEYE HOLD
CP 236 WEST IOWA CITY
0.94m 4,963'
2.03m 10,718'
1.21m 6,389'
1.33m 7,022'
0.14m 739'
20 MPH
79 MPH
236.26 PTSW NO.10 HTTO
236.20 PTSW NO.10 HTTO
235.09 REGEN
235.07
233.90
233.77 SW
233.64 SIGNALS
233.63 PO DERAIL
233.56 PTSW NO.20 POTO
233.55 SIGNALS
NORTH SIDING
SOUTH SIDING
#10
#10
MAIN LINE
SOUTH SIDING
#15
CP 234
UNITED AUTO
GENERAL MILLS
0.44m 2,323'
2.55m 13,464'
1.24m 6,547'
HDR
HDR Engineering, Inc.
SHEET 1 OF 7

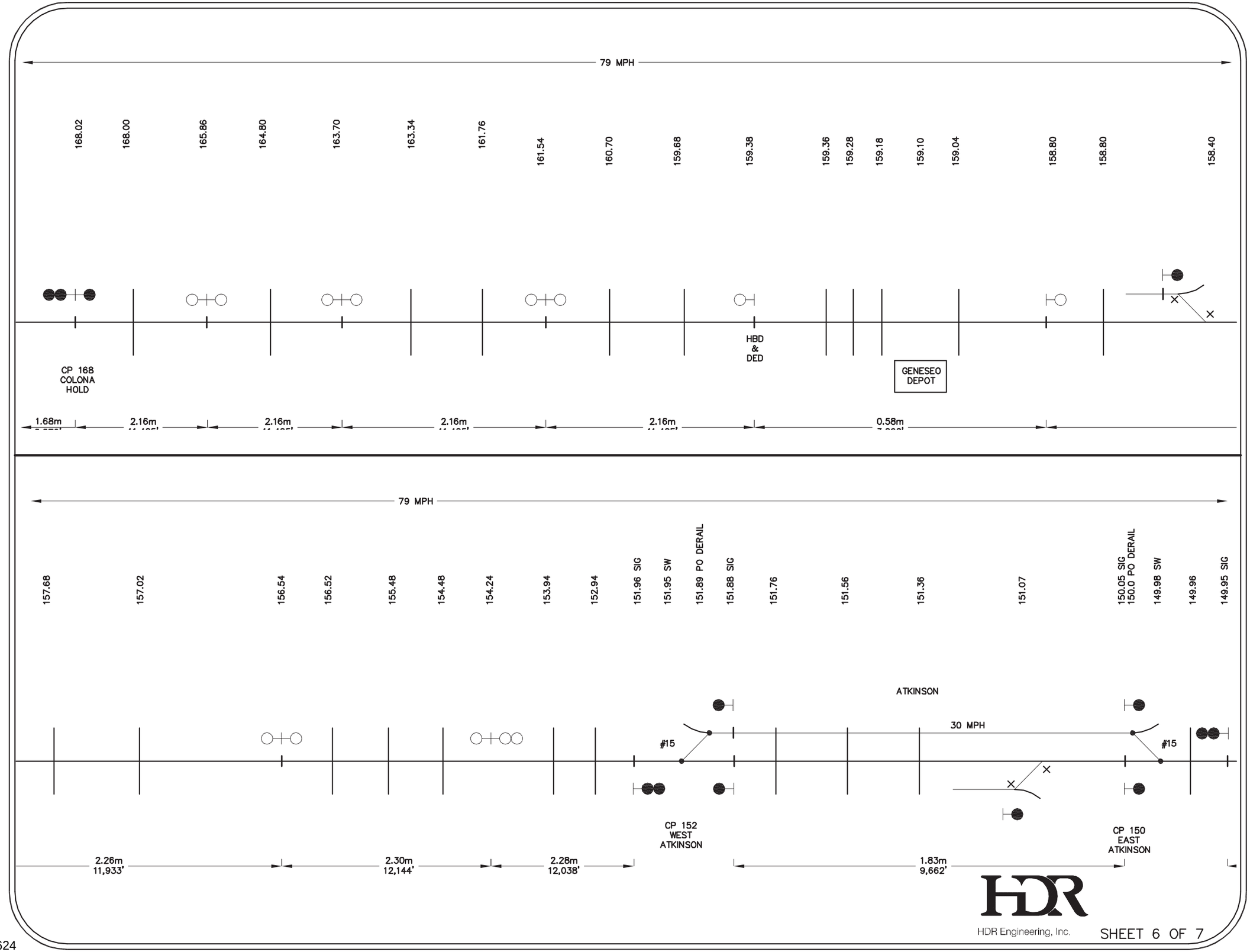
G.09

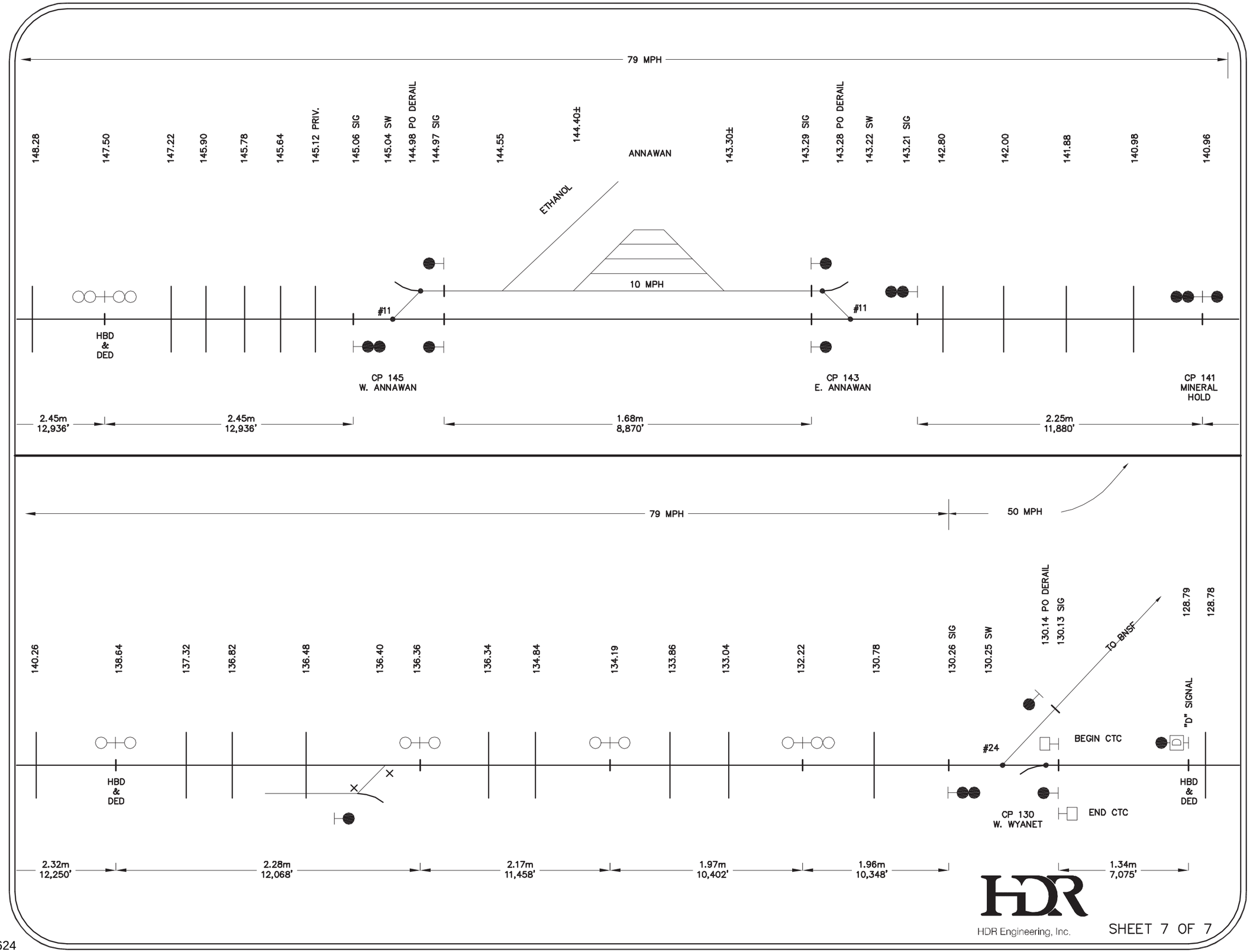

79 MPH
232.75
232.52
232.31 SIGNALS
232.30 PTSW NO.15 POTO
232.24 PO DERAIL
232.23 SIGNALS
230.05 SIGNALS
230.04 PO DERAIL
229.98 PTSW NO.15 POTO
229.97 SIGNALS
228.55
227.60
226.85
226.82
226.57
225.27
222.95
222.90
222.60
222.52
222.20
221.30
221.25
221.02
220.97
220.90
LIBERTY
#15
#15
30 MPH
HBD
&
DED
1350'
4200'
CP 232
WEST AMERICAN
CP 230
EAST AMERICAN
CP 223
W. LIBERTY
HOLD
CP 221
E. LIBERTY
HOLD
2.18m
11,510'
2.37m
12,514'
2.33m
12,302'
2.32m
12,250'
2.05m
10,824'
79 MPH
65 MPH
79 MPH
219.97
219.00
217.75
217.10
216.47 REGEN
216.45
216.30
216.05
215.87
215.83
215.33
215.18
213.27
213.25
212.50
212.30 REGEN
211.37
211.15
211.03
211.00
210.90 SIGNALS
210.89 PTSW NO.15 POTO
210.84 PO DERAIL
210.83 SIG
#15
HBD
&
DED
QUARRY
1325'
CP 211
W. NORTH STAR
1.90m
10,032'
1.90m
10,032'
1.92m
10,138'
1.91m
10,085'
2.37m
12,514'
HDR
HDR Engineering, Inc.
SHEET 2 OF 7

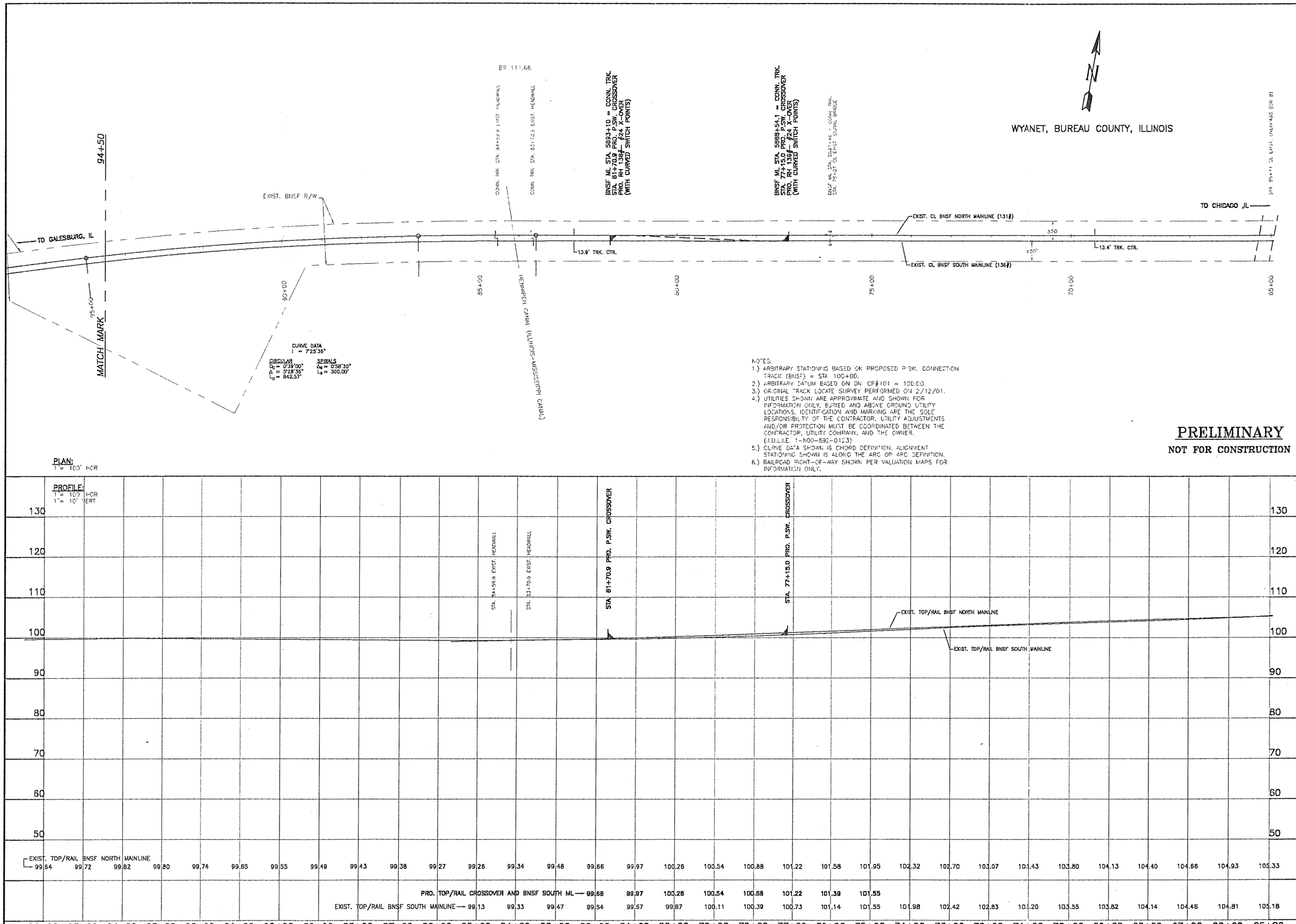

79 MPH
209.83
209.81 REGEN
209.40
TO NORTH STAR
208.83
JM SPUR
208.45 FARM
WILTON
208.28 SIGS
208.27 PTSW NO.15 POTO
208.20 PTSW NO.15 POTO
208.19 SIGS
208.06 ELOCK
208.00
207.80
207.68
207.57
207.35
206.60
206.58
205.53
204.53
204.51 SIG
204.50 SW
204.44 DERAIL
204.43 SIG
TWIN STATES
203.93
30 MPH
#15
#15
CP 208
E. NORTH STAR
CP 207
W. TWIN STATES
HOLD
2.62m
13,834'
1.61m
8,501'
2.07m
10,930'
79 MPH
THIS XING NOT
ON TRACK CHART
203.50
203.48
203.23
203.10 SW
202.62
202.60
202.40±
202.13
202.03
201.90 SW
201.88
201.45
200.43
200.45 SIG
199.25
198.39 SIG
196.35
196.33 SIG
194.93
194.90 SW
194.80
DURANT
REGEN
#11
HBD
&
DED
1.89m
9,979'
2.17m
11,458'
2.06m
10,877'
2.06m
10,877'
2.09m
11,035'
HDR
HDR Engineering, Inc.
SHEET 3 OF 7


79 MPH
194.40 SIG
194.38
194.36 SW
194.31 P.O. DERAIL
194.30 SIG
192.72 SIG
192.71 P.O. DERAIL
192.67 SW
192.66 SIG
192.65
192.33
191.24
191.08
190.28
189.41
189.18
187.58
186.93
186.50 PRIV.
186.29 SW
186.20 SW
185.87
185.75
185.68
WALCOTT
FARNUM
30 MPH
#15
#15
HBD
&
DED
CP 194
W. WALCOTT
CP 193
E. WALCOTT
CP 186
FARNUM
HOLD
1.58m
8,342'
1.61m
8,501'
1.67m
8,818'
1.83m
9,662'
1.83m
9,662'
2.00m
10,560'
60 MPH
40 MPH
30 MPH
70 MPH
W.B.
9,557'
+0.06
57.5
158T
W.B.
2,851'
+0.44
28.9
158T
W.B.
10,348'
−0.03
58.9
158T
183.75 SIG
183.70 SW
183.69 SIG
183.65
183.57
183.31
183.24
183.16
183.08
182.45 ELOCK
182.25 SIG
182.24 PO DERAIL
182.23 ELOCK DERAIL
W.E. BRIDGE
E.E. BRIDGE
181.93 ELOCK DERAIL
181.90 PO DERAIL
181.89 ELOCK
181.88 SIG
181.80 HTTO W/ ELOCK
181.60 PTSW NO.15 POTO
181.55 SIG YARD LEAD
181.54 PO DERAIL
181.34 SIG M.L.
181.02 SIG
180.38 ACTIVE "D" SIG
180.36 XING 44th
180.24 XING 1st
179.78 SIGS
179.76 XING 6th
179.72 PO DERAIL
179.69 #15 POTO
179.62 #15 POTO
179.60 #15 POTO
179.53 #15 POTO
179.40 XING 12th
179.38 SIGS
179.30
#15
#15
#15
#15
#15
BEGIN CTC
CP 184
MISSOURI
DIV. JCT.
SIDING HTTO
AND DERAILS
CP 182
GOVERNMENT BRIDGE
INTERLOCKER
CP 181
ROCK ISLAND
BNSF
ROCK
ISLAND
YARD
"D"
SIG
CP 180
MOLINE
MOLINE
STATION
1.44m
7,603'
0.91m
4,805'
YARD LIMITS
E.B.
7,920'
−0.03
49.3
158T
E.B.
6,494'
−0.29
38.7
158T
E.B. M1
6,547'
+0.08
45.1
158T
E.B.
4,118'
−0.10
30.3
158T
HDR
HDR Engineering, Inc.
SHEET 4 OF 7


70 MPH MAIN #2
179.14 XING 15th
179.00 SIGS STATION LEAVING
178.98 XING 17th
178.92 XING 19th
178.76 HTTO
W.B.
11,938'
−0.03
64.6
158T
178.70 XING 23rd
178.25 HTTO
178.02 HTTO W/ ELOCK
MOLINE
177.66 HTTO
177.60 34TH
177.37 HTTO W/ ELOCK
177.12 SIG
177.10 41ST
176.12 XING 1st/55th
175.78 SIGS
175.76 XING 3rd
W.B.
9,504'
−0.02
55.9
158T
175.75 #15 POTO
175.65 #15 POTO
175.63 #15 POTO
175.61 #15 POTO
175.46 #15 PO DERAIL
175.45 #15 POTO
175.34
175.32 SIG
BEGIN CTC
BNSF
CONN.
7TH AVE
DO NOT CLEAR
MAIN #1 10 MPH
BN SIDING
SCRAP YARD
#15
CP 175
7TH AVE.
E.B.
9,926'
+0.01
58.0
158T
E.B.
7,075'
+0.03
46.7
158T
70 MPH
40 MPH
175.16
175.04
174.74
174.48
174.32
174.25 HTTO W/ ELOCK
W.B.
6,230'
−0.24
38.4
158T
174.21 SIG
174.20 #15 POTO
174.15 P.O. DERAIL
174.14 SIG
173.40
172.60±
171.88 SIG
171.82 SW
171.80
171.78 SIG
170.02
170.00
169.72
169.70
SILVIS
COLONA
#15
#15
#20
#20
HBD
&
DED
COLONA
BNSF
INTERLOCKER
CP 174
W. SILVIS.
8,237' UGC
CP 172
E. SILVIS
2.26m
11,933'
1.76m
9,293'
E.B.
8,290'
+0.16
54.0
158T
HDR
HDR Engineering, Inc.
SHEET 5 OF 7


79 MPH
168.02
168.00
165.86
164.80
163.70
163.34
161.76
161.54
160.70
159.68
159.38
159.36
159.28
159.18
159.10
159.04
158.80
158.80
158.40
CP 168
COLONA
HOLD
HBD
&
DED
GENESEO
DEPOT
1.68m
2.16m
2.16m
2.16m
2.16m
0.58m
79 MPH
157.68
157.02
156.54
156.52
155.48
154.48
154.24
153.94
152.94
151.96 SIG
151.95 SW
151.89 PO DERAIL
151.88 SIG
151.76
151.56
151.36
151.07
150.05 SIG
150.0 PO DERAIL
149.98 SW
149.96
149.95 SIG
ATKINSON
30 MPH
#15
#15
CP 152
WEST
ATKINSON
CP 150
EAST
ATKINSON
2.26m
11,933'
2.30m
12,144'
2.28m
12,038'
1.83m
9,662'
HDR
HDR Engineering, Inc.
SHEET 6 OF 7


79 MPH
148.28
147.50
147.22
145.90
145.78
145.64
145.12 PRIV.
145.06 SIG
145.04 SW
144.98 PO DERAIL
144.97 SIG
144.55
144.40±
ANNAWAN
143.30±
143.29 SIG
143.28 PO DERAIL
143.22 SW
143.21 SIG
142.80
142.00
141.88
140.98
140.96
ETHANOL
10 MPH
#11
#11
HBD
&
DED
CP 145
W. ANNAWAN
CP 143
E. ANNAWAN
CP 141
MINERAL
HOLD
2.45m
12,936'
2.45m
12,936'
1.68m
8,870'
2.25m
11,880'
79 MPH
50 MPH
140.26
138.64
137.32
136.82
136.48
136.40
136.36
136.34
134.84
134.19
133.86
133.04
132.22
130.78
130.26 SIG
130.25 SW
130.14 PO DERAIL
130.13 SIG
TO BNSF
128.79
128.78
"D" SIGNAL
#24
BEGIN CTC
HBD
&
DED
CP 130
W. WYANET
END CTC
HBD
&
DED
2.32m
12,250'
2.28m
12,068'
2.17m
11,458'
1.97m
10,402'
1.96m
10,348'
1.34m
7,075'
HDR
HDR Engineering, Inc.
SHEET 7 OF 7



NOTES:
1.) ARBITRARY STATIONING BASED ON PROPOSED P.SW. CONNECTION TRACK (BNSF) = STA. 100+00.
2.) ARBITRARY DATUM BASED ON DN: CP#101 = 100.00.
3.) ORIGINAL TRACK LOCATE SURVEY PERFORMED ON 2/12/01.
4.) UTILITIES SHOWN ARE APPROXIMATE AND SHOWN FOR INFORMATION ONLY. BURIED AND ABOVE GROUND UTILITY LOCATIONS, IDENTIFICATION AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. UTILITY ADJUSTMENTS AND/OR PROTECTION MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND THE OWNER. (J.U.L.I.E. 1-800-892-0123)
5.) CURVE DATA SHOWN IS CHORD DEFINITION. ALIGNMENT STATIONING SHOWN IS ALONG THE ARC OR ARC DEFINITION.
6.) RAILROAD RIGHT-OF-WAY SHOWN PER VALUATION MAPS FOR INFORMATION ONLY.

PRELIMINARY
NOT FOR CONSTRUCTION

NO.	DATE	REVISION	BY

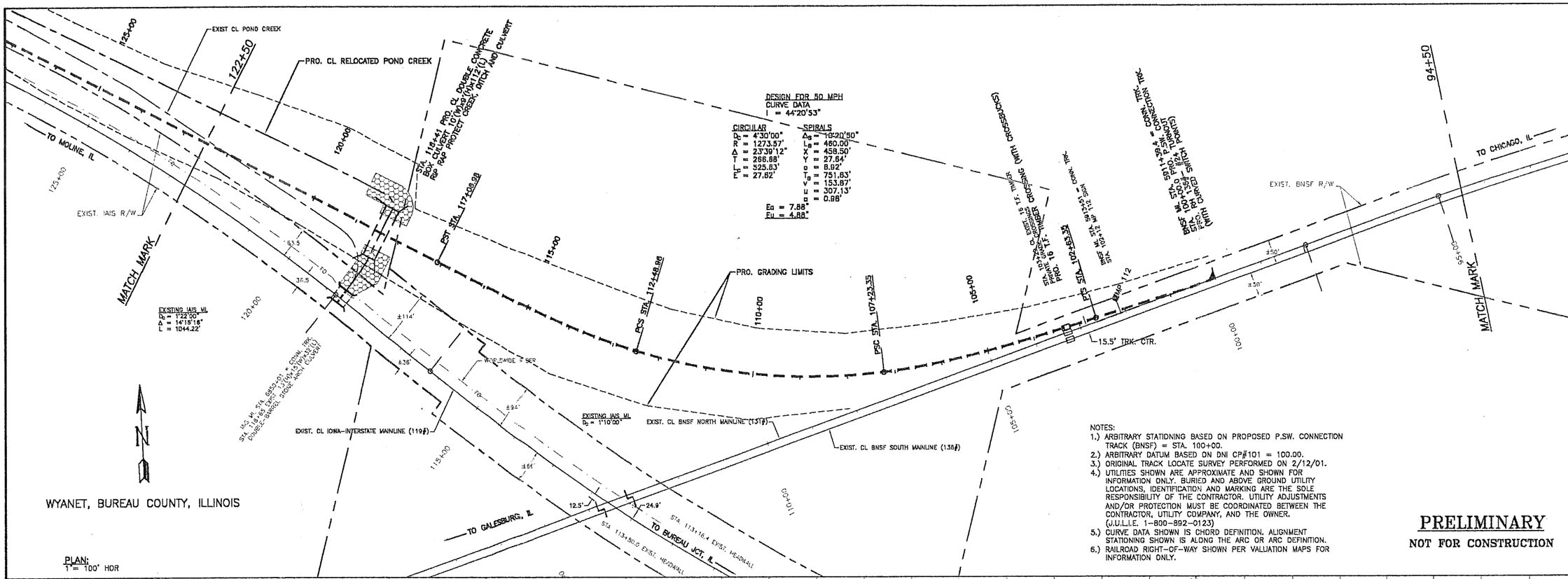
PRELIMINARY PLAN
FROM STA. 65+00 TO STA. 94+50

PROPOSED CONNECTION TRACK FOR AMTRAK
WYANET, ILLINOIS

Illinois Department of Transportation
Bureau of Railroads
2300 South Dirksen Pkwy, Springfield, IL 62764

Scale: AS SHOWN
Sheet 1 of 3
Drawing No. DD158-1
Designed By: SPH
Checked By: GTH
Date: 3/5/01

DESIGN NINE, INC.
ENGINEERING SERVICES FOR RAILROADS AND INDUSTRY
ST. LOUIS, MO.



NOTES:
1.) ARBITRARY STATIONING BASED ON PROPOSED P.SW. CONNECTION TRACK (BNSF) = STA. 100+00.
2.) ARBITRARY DATUM BASED ON DNI CP#101 = 100.00.
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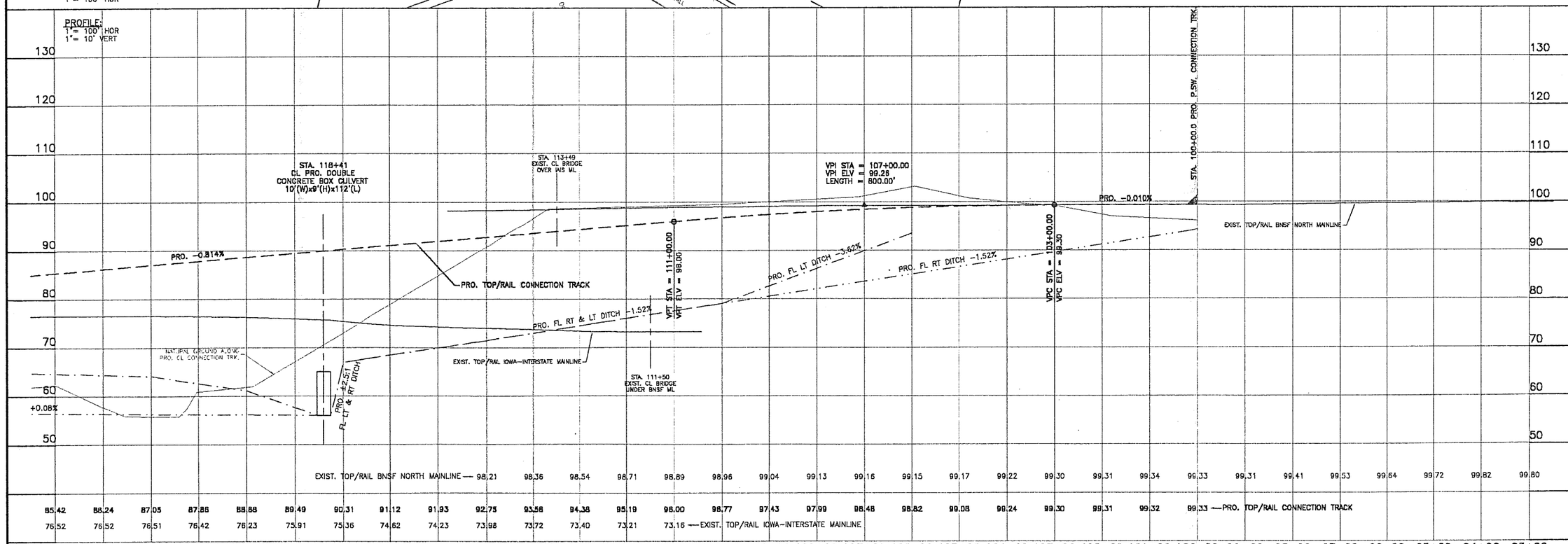
6.) RAILROAD RIGHT-OF-WAY SHOWN PER VALUATION MAPS FOR INFORMATION ONLY.

PRELIMINARY
NOT FOR CONSTRUCTION



NO.	DATE	REVISION	BY

PRELIMINARY PLAN
FROM STA. 94+50 TO STA. 122+50

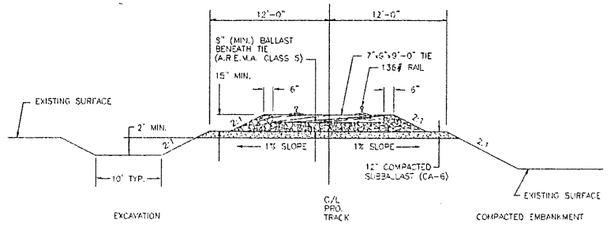
PROPOSED CONNECTION TRACK FOR AMTRAK
WYANET, ILLINOIS

Illinois Department of Transportation
Bureau of Railroads
2300 South Dirksen Pkwy, Springfield, IL 62764

SCALE: AS SHOWN
SHEET 2 OF 3
DRAWING NO. 00198-1
DRAWN BY: SPH
CHECKED BY: GTH
DATE: 3/5/01

DESIGN NINE, INC.
ENGINEERING SERVICES FOR RAILROADS AND INDUSTRY
ST. LOUIS, MO.

WYANET, BUREAU COUNTY, ILLINOIS



TYPICAL ROADBED SECTION

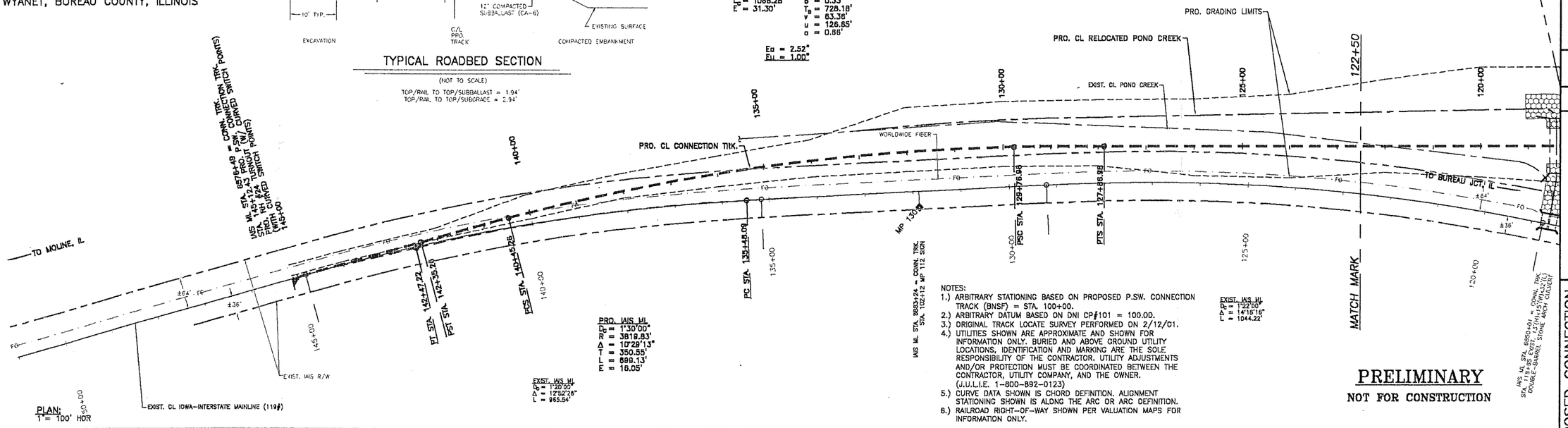
(NOT TO SCALE)

TOP/RAIL TO TOP/SUBBALLAST = 1.94'
TOP/RAIL TO TOP/SUBGRADE = 2.94'

DESIGN FOR 60 MPH
CURVE DATA
I = 15°43'42"

CIRCULAR	SPIRALS
D_C = 1°15'00"	Δ_S = 1°11'15"
R = 4583.75'	L_S = 190.00'
Δ = 13°21'12"	X = 189.99'
T = 538.58'	Y = 1.31'
L = 1068.28'	o = 0.33'
E_C = 31.30'	T_S = 728.18'
	v = 63.36'
	u = 126.65'
	a = 0.86'

Eq = 2.52"
Eu = 1.00"



NOTES:
1.) ARBITRARY STATIONING BASED ON PROPOSED P.SW. CONNECTION TRACK (BNSF) = STA. 100+00.
2.) ARBITRARY DATUM BASED ON DNI CP#101 = 100.00.
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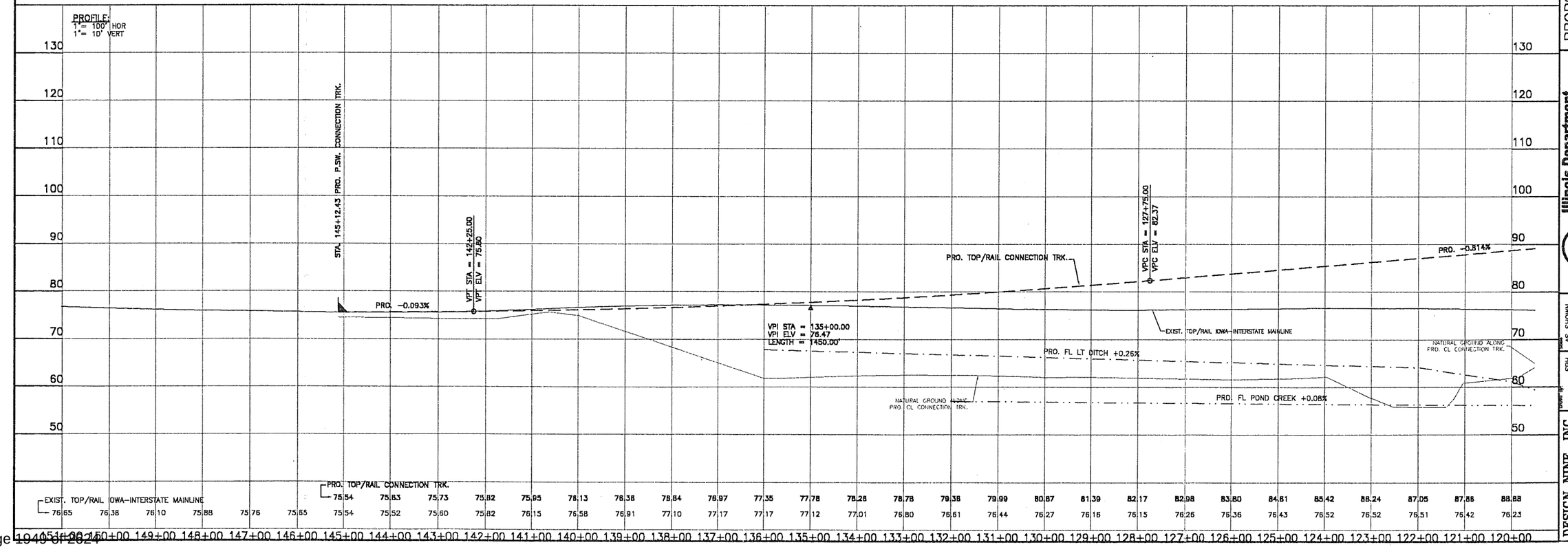
PRELIMINARY

NOT FOR CONSTRUCTION



NO.	DATE	REVISION	BY

PRELIMINARY PLAN
FROM STA. 122+50 TO STA. 151+00

PROPOSED CONNECTION TRACK FOR AMTRAK
WYANET, ILLINOIS

Illinois Department of Transportation
Bureau of Railroads
2300 South Dirksen Pkwy, Springfield, IL 62764

Scale: AS SHOWN
Sheet 3 of 3
Drawing: D0158-1
Drawn by: SPH
Checked by: GTH
Date: 3/5/01

DESIGN NINE, INC.
ENGINEERING SERVICES FOR RAILROADS AND INDUSTRY
ST. LOUIS, MO.

BRIDGE PIER (TYP.)

BEGIN HILL YARD LEAD EXTENSION
~275' WEST OF CL FARNWORTH AVE.

TO HILL YARD

HILL YARD LEAD #2

HILL YARD LEAD #1

#24 RT

D=1°00'00"

D=2°00'00"

D=1°00'00"

MAIN #1

MAIN #2

EX. #20

TO AURORA

TO CHICAGO

NEW #24 X-OVER MAIN #2 TO MAIN #1

FARNSWORTH AVENUE

BR. 35.61 (PUB OP XING 079556N)

SEE SHEET 2

MATCH

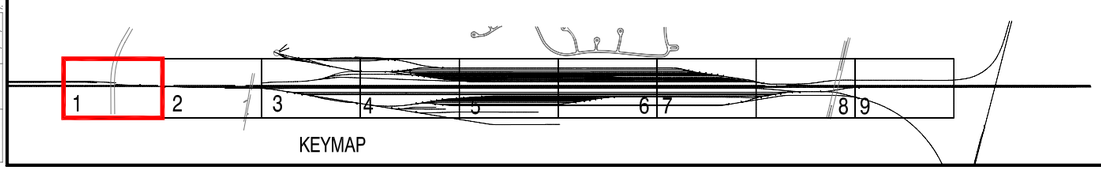
0 50 100

HORIZONTAL SCALE (FEET)

N

LEGEND

- PROPOSED TRACK
- EXISTING TRACK TO BE REMOVED
- EXISTING TRACK TO REMAIN
- EXISTING OVERHEAD ELECTRIC
- EXISTING WATERWAYS
- ESTIMATED IMPACT TO WATERWAY



KEYMAP

DRAFT

DATE	DESCRIPTION	BY
01-MAR-10	REMOVE WYE CONNECTION TO CN	BJR
09-OCT-09	MAINLINE X-OVERS	SPG
18-AUG-09	EXHIBIT	BJR

HANSON
Hanson Professional Services Inc.

THE BNSF RAILWAY COMPANY

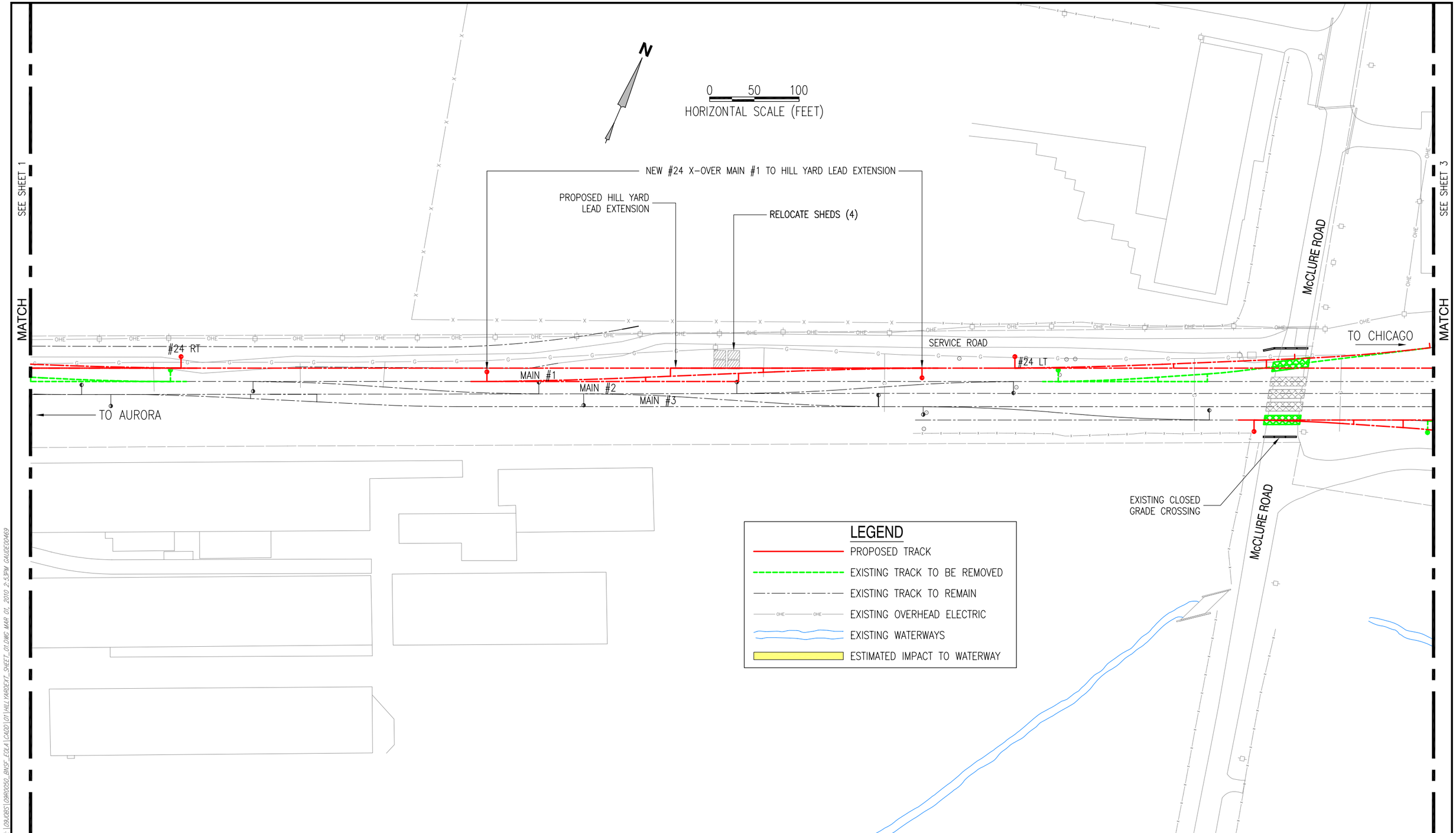
BNSF RAILWAY

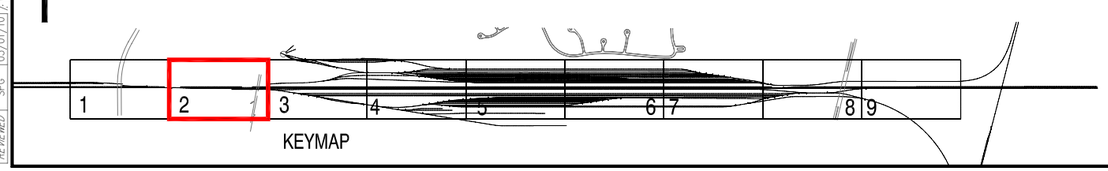
BEGIN EXTENSION
DRAINAGE IMPACT - ALIGNMENT #1
HILL YARD LEAD EXPANSION
AURORA, IL

PLAN NO.: 09R0050 SHEET: 1 OF 9

LAYOUT	SPG	08/13/09
DRAWN	SPG	03/01/10
REVIEWED	SPG	03/01/10

I:\09JOBS\09R0050_BNSF_FDLA\CADD\01\HILLYARDEXT_SHEET_01.DWG MAR 01, 2010 2:52PM CAUDE00469





DRAFT

DATE	DESCRIPTION	BY
01-MAR-10	REMOVE WYE CONNECTION TO CN	BJR
09-OCT-09	MAINLINE X-OVERS	SPG
18-AUG-09	EXHIBIT	BJR

HANSON
Hanson Professional Services Inc.

THE BNSF RAILWAY COMPANY

BNSF RAILWAY

McCLURE ROAD
DRAINAGE IMPACT - ALIGNMENT #1
HILL YARD LEAD EXPANSION
AURORA, IL

PLAN NO.: 09R0050 SHEET: 2 OF 9

LAYOUT	SPG	08/13/09
DRAWN	SPG	03/01/10
REVIEWED	SPG	03/01/10

I:\09JOBS\09R0050_BNSF_FOLA\CADD\01 HILL YARD\CKT_SHEET_01.DWG MAR 01, 2010 2:53PM CAUDEC00469

SEE SHEET 2

MATCH

SEE SHEET 4

MATCH

PROPOSED HILL YARD LEAD EXTENSION

35

36" CP

12" C.I.P.

APPROXIMATE WATERWAY IMPACT = 50'
(MEASURE ALONG PROPOSED CENTERLINE)

WATERWAY

TOP OF SLOPE (TYP.)

TO CHICAGO

TO AURORA

MAIN #1

MAIN #2

MAIN #3

RUNNING TRACK

SERVICE ROAD

3401 #9 RT

3402 #9 LT

3403 #9 RT

3497 #9 RT

3497 #9 LT

TEAM TRACK

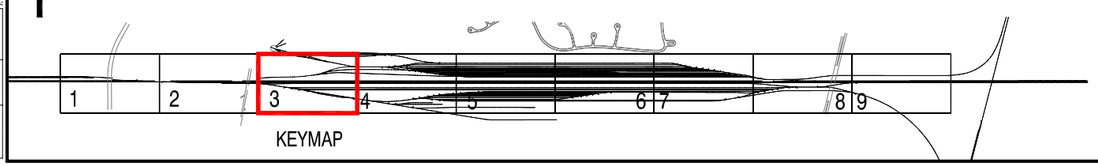
OHE

LEGEND

- PROPOSED TRACK
- EXISTING TRACK TO BE REMOVED
- EXISTING TRACK TO REMAIN
- EXISTING OVERHEAD ELECTRIC
- EXISTING WATERWAYS
- ESTIMATED IMPACT TO WATERWAY

N

0 50 100
HORIZONTAL SCALE (FEET)



KEYMAP

DRAFT

DATE	DESCRIPTION	BY
01-MAR-10	REMOVE WYE CONNECTION TO CN	BJR
18-AUG-09	EXHIBIT	BJR

HANSON
Hanson Professional Services Inc.

THE BNSF RAILWAY COMPANY

BNSF RAILWAY

EOLA WEST LADDER
DRAINAGE IMPACT - ALIGNMENT #1
HILL YARD LEAD EXPANSION
AURORA, IL

PLAN NO.: 09R0050 SHEET: 3 OF 9

LAYOUT	SPG	08/13/09
DRAWN	SPG	
REVIEWED	SPG	

I:\09JOBS\09R0050_BNSF_EOLA\CADD\01\HILLYARDEXT_SHEET_01.DWG MAR 01, 2010 2:53PM CAUDE00469

N

0 50 100
HORIZONTAL SCALE (FEET)

SEE SHEET 3

MATCH

SEE SHEET 5

MATCH

APPROXIMATE WATERWAY IMPACT = 2790'
(MEASURE ALONG PROPOSED CENTERLINE)

TO AURORA

TOP OF SLOPE (TYP.)

WATERWAY

DITCH CHECK

DITCH CHECK

MAIN #1

MAIN #2

MAIN #3

RUNNING TRACK

TO CHICAGO

3401

3402

3403

PROPOSED HILL YARD LEAD EXTENSION

3405 #9 LT

3408 #9 RT

3409 #9 RT

3410 #9 RT

3411 #9 RT

3414 #9 RT

3412 #9 LT

3413 #9 LT

3407 #9 LT

3421 #9 LT

3420 #9 LT

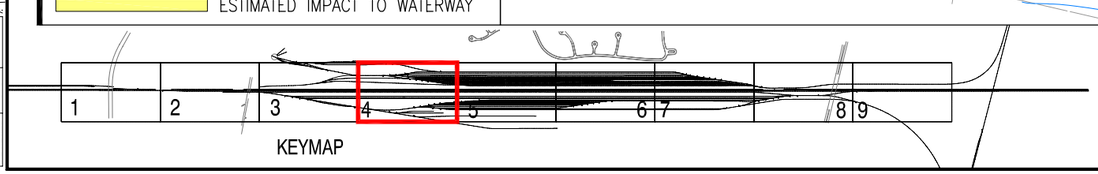
3430 #9 LT

SERVICE ROAD

REMOVE ADDITIONAL 1760' TRACK
BEYOND EDGE OF SHEET

LEGEND

- PROPOSED TRACK
- EXISTING TRACK TO BE REMOVED
- EXISTING TRACK TO REMAIN
- EXISTING OVERHEAD ELECTRIC
- EXISTING WATERWAYS
- ESTIMATED IMPACT TO WATERWAY



KEYMAP

DRAFT

DATE	DESCRIPTION	BY
01-MAR-10	REMOVE WYE CONNECTION TO CN	BJR
18-AUG-09	EXHIBIT	BJR

HANSON
Hanson Professional Services Inc.

THE BNSF RAILWAY COMPANY

BNSF RAILWAY

WEST CENTRAL EOLA YARD
DRAINAGE IMPACT - ALIGNMENT #1
HILL YARD LEAD EXPANSION
AURORA, IL

PLAN NO.: 09R0050 SHEET: 4 OF 9

LAYOUT	SPG	08/13/09
DRAWN	SPG	
REVIEWED	SPG	

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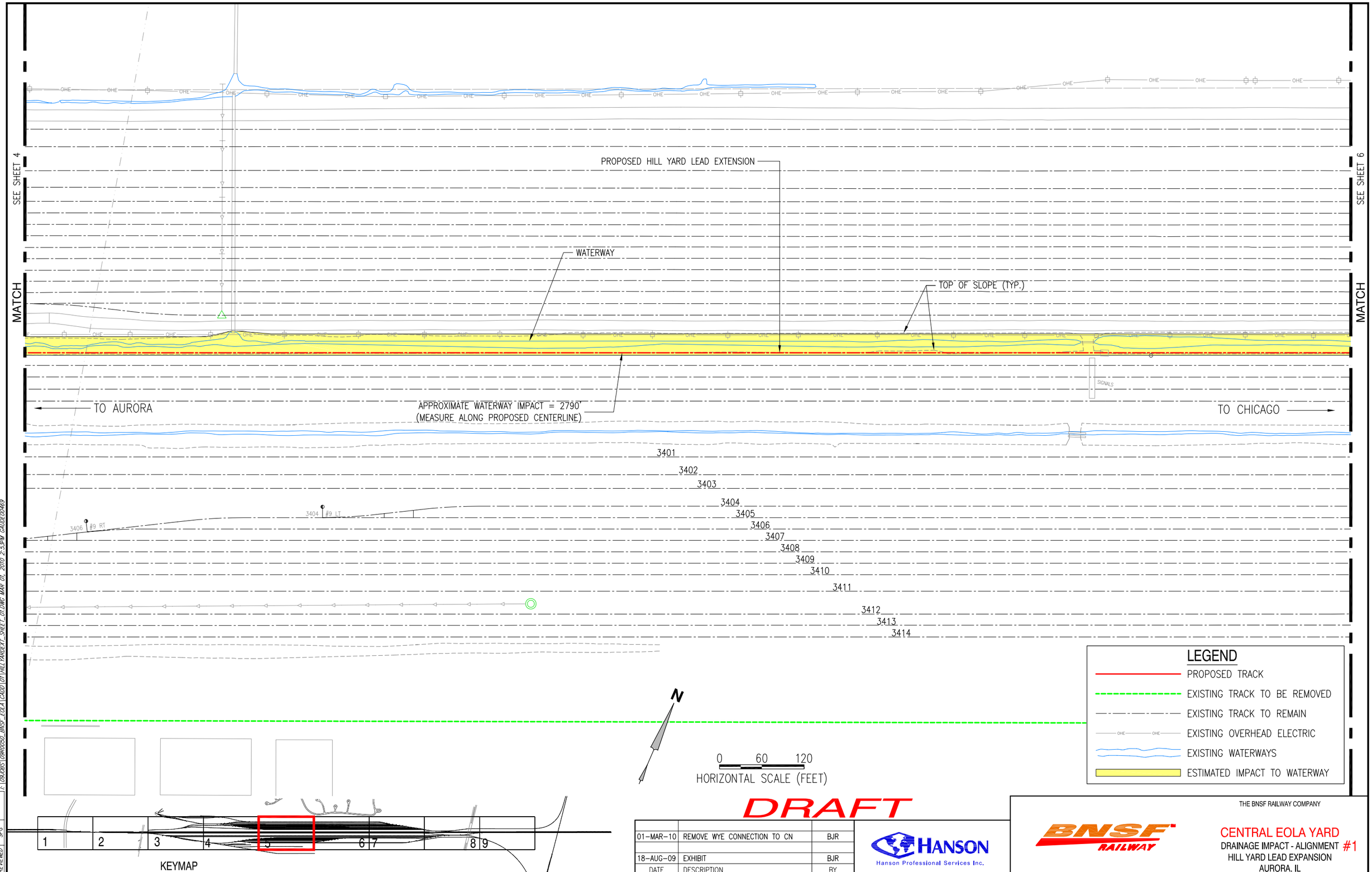

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LAYOUT	SPG	08/13/09
DRAWN	SPG	
REVIEWED	SPG	

DRAFT

DATE	DESCRIPTION	BY
01-MAR-10	REMOVE WYE CONNECTION TO CN	BJR
18-AUG-09	EXHIBIT	BJR

HANSON
Hanson Professional Services Inc.

THE BNSF RAILWAY COMPANY

BNSF RAILWAY

CENTRAL EOLA YARD
DRAINAGE IMPACT - ALIGNMENT #1
HILL YARD LEAD EXPANSION
AURORA, IL

PLAN NO.: 09R0050 | SHEET: 5 OF 9

SEE SHEET 5

MATCH

PROPOSED HILL YARD LEAD EXTENSION

APPROXIMATE WATERWAY IMPACT = 2080'
(MEASURE ALONG PROPOSED CENTERLINE)

SEE SHEET 7

MATCH

34

WATERWAY

TOP OF SLOPE (TYP.)

WATERWAY

TOP OF SLOPE (TYP.)

MAIN #1

MAIN #2

MAIN #3

RUNNING TRACK

TO AURORA

TO CHICAGO

APPROXIMATE WATERWAY IMPACT = 2790'
(MEASURE ALONG PROPOSED CENTERLINE)

3401

3402

3403

3404

3405

3406 #9 LT

3407 #9 RT

3408 #9 RT

3409 #9 RT

3410 #9 RT

3411 #9 RT

3412 #9 LT

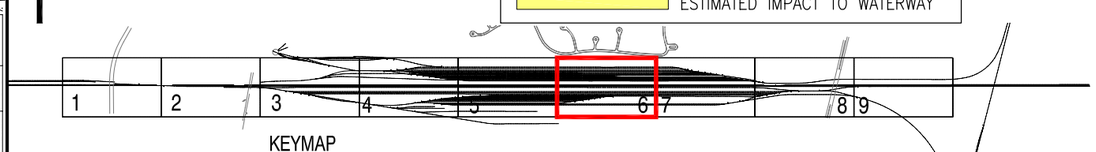
W.E. 703.5

LEGEND

- PROPOSED TRACK
- EXISTING TRACK TO BE REMOVED
- EXISTING TRACK TO REMAIN
- EXISTING OVERHEAD ELECTRIC
- EXISTING WATERWAYS
- ESTIMATED IMPACT TO WATERWAY

N

0 50 100
HORIZONTAL SCALE (FEET)



KEYMAP

DRAFT

DATE	DESCRIPTION	BY
01-MAR-10	REMOVE WYE CONNECTION TO CN	BJR
18-AUG-09	EXHIBIT	BJR

HANSON
Hanson Professional Services Inc.

THE BNSF RAILWAY COMPANY

BNSF RAILWAY

EAST CENTRAL EOLA YARD
DRAINAGE IMPACT - ALIGNMENT #1
HILL YARD LEAD EXPANSION
AURORA, IL

PLAN NO.: 09R0050 SHEET: 6 OF 9

LAYOUT	SPG	08/13/09
DRAWN	SPG	
REVIEWED	SPG	

J:\09JOBS\09R0050_BNSF_EOLA\CADD\01\HILL YARDEXT_SHEET_01.DWG MAR 01, 2010 2:53PM GAUDEO0489

SEE SHEET 8

MATCH

APPROXIMATE WATERWAY IMPACT = 2080'
(MEASURE ALONG PROPOSED CENTERLINE)

WATERWAY

TOP OF SLOPE (TYP.)

OHE

MAIN #1

TO AURORA

MAIN #2

MAIN #3

RUNNING TRACK

TO CHICAGO

PROPOSED HILL YARD LEAD EXTENSION

3401

3402

3403

3404

3405

N

0 50 100

HORIZONTAL SCALE (FEET)

LEGEND

- PROPOSED TRACK
- EXISTING TRACK TO BE REMOVED
- EXISTING TRACK TO REMAIN
- EXISTING OVERHEAD ELECTRIC
- EXISTING WATERWAYS
- ESTIMATED IMPACT TO WATERWAY

1 2 3 4 5 6 7 8 9

KEYMAP

DRAFT

DATE	DESCRIPTION	BY
01-MAR-10	REMOVE WYE CONNECTION TO CN	BJR
18-AUG-09	EXHIBIT	BJR

HANSON
Hanson Professional Services Inc.

THE BNSF RAILWAY COMPANY

BNSF RAILWAY

EAST EOLA YARD
DRAINAGE IMPACT - ALIGNMENT #1
HILL YARD LEAD EXPANSION
AURORA, IL

PLAN NO.: 09R0050 SHEET: 7 OF 9

LAYOUT	SPG	08/13/09
DRAWN	SPG	
REVIEWED	SPG	

I:\09JOBS\09R0050_BNSF_EOLA\CADD\01\HILLYARDEXT_SHEET_01.DWG MAR 01, 2010 2:53PM GAUDEF00469

SEE SHEET 7

MATCH

EAST END OF WATERWAY IMPACT (SEE SHEET 7)

END HILL YARD LEAD EXTENSION ~800' WEST OF CL EOLA ROAD

D=1°30'00"

#24 RT

MAIN #1

MAIN #2

MAIN #3

#24 X-OVER

TO CHICAGO

EXISTING X-OVER #5 (EX. MAIN 1 - EX. MAIN 2)

#24 X-OVER

TO AURORA

3405 #9 LT

3402 #9 LT

3403 #9 LT

3404 #9 LT

X-OVER #9 LT

EOLA ROAD

EOLA ROAD

SEE SHEET 9

MATCH

LEGEND

- PROPOSED TRACK
- EXISTING TRACK TO BE REMOVED
- EXISTING TRACK TO REMAIN
- EXISTING OVERHEAD ELECTRIC
- EXISTING WATERWAYS
- ESTIMATED IMPACT TO WATERWAY

N

0 50 100

HORIZONTAL SCALE (FEET)

1 2 3 4 5 6 7 8 9

KEYMAP

DRAFT

DATE	DESCRIPTION	BY
01-MAR-10	REMOVE WYE CONNECTION TO CN	BJR
18-AUG-09	EXHIBIT	BJR

HANSON
Hanson Professional Services Inc.

THE BNSF RAILWAY COMPANY

BNSF RAILWAY

EAST END EOLA YARD
DRAINAGE IMPACT - ALIGNMENT #1
HILL YARD LEAD EXPANSION
AURORA, IL

PLAN NO.: 09R0050 SHEET: 8 OF 9

LAYOUT	SPG	08/13/09
DRAWN	SPG	03/01/10
REVIEWED	SPG	03/01/10

J:\09JOBS\09R0050_BNSF_EOLA\CADD\01\HILLYARDEXT_SHEET_01.DWG MAR 01, 2010 2:53PM GAUDE00469

SEE SHEET 8

MATCH

N

0 50 100
HORIZONTAL SCALE (FEET)

"J" CONNECTION

#24 X-OVER

TO AURORA

TO CHICAGO

MAIN #1

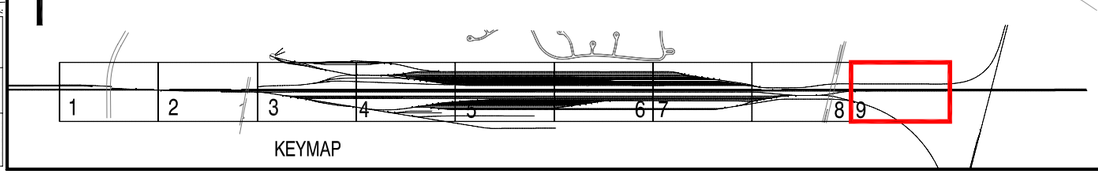
MAIN #2

MAIN #3

EXISTING SIGNAL BRIDGE

LEGEND

- PROPOSED TRACK
- EXISTING TRACK TO BE REMOVED
- EXISTING TRACK TO REMAIN
- EXISTING OVERHEAD ELECTRIC
- EXISTING WATERWAYS
- ESTIMATED IMPACT TO WATERWAY



KEYMAP

DRAFT

DATE	DESCRIPTION	BY
01-MAR-10	REMOVE WYE CONNECTION TO CN	BJR
18-AUG-09	EXHIBIT	BJR

HANSON
Hanson Professional Services Inc.

THE BNSF RAILWAY COMPANY

BNSF RAILWAY

X-OVER - MAIN #1 TO CN
DRAINAGE IMPACT - ALIGNMENT #1
HILL YARD LEAD EXPANSION
AURORA, IL

PLAN NO.: 09R0050 SHEET: 9 OF 9

LAYOUT SPG 08/13/09
DRAWN SPG
REVIEWED SPG

I:\09JOBS\09R0050_BNSF_FOLA\CADD\01\HILLYARDEXT_SHEET_01.DWG MAR 01, 2010 2:53PM GAUDE00469