CONTRACT NO. 98823

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	***	304	62
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* FAU 9481, FAS 2887 (IL 37)
** (12,12X),RS-3;12B-1,12B1-1
*** FRANKLIN AND WILLIAMSON

N

50' 0 25' 50'

LT. STA. 507+87.9
PIPE CULVERT REMOVAL
PIPE CULVERTS, TY 1 RCCP 24"
PRC FLARED END SECTIONS 24"

LT. STA. 510+50
PIPE CULVERT REMOVAL
PIPE CULVERTS, CL D, TY 1 30"
END SECTIONS 30"

LT. STA. 508+89.76
PIPE CULVERTS, TY 1 RCCP 24"
PRC FLARED END SECTIONS 24"

LT. STA. 511+43.8
ENTRANCE REMOVAL
PIPE CULVERT REMOVAL

STA. 510+92.37 (℄ IL 37) NO SKEW
EXISTING 2'x2' BOX CULVERT, EXTEND WITH
PRECAST CONCRETE BOX CULVERT 2' X 2' (M273)
RT. 11', D.S.F.L. = 437.92
LT. 10', D.S.F.L. = 438.31
CONCRETE COLLAR, 0.52 CU. YDS.
CONCRETE HEADWALL REMOVAL
EXPANSION BOLTS (SEE DETAIL)
BOX CULVERT END SECTION NO. 27

LT. STA. 518+57.8
PIPE CULVERT REMOVAL
PIPE CULVERTS, CL D, TY 1 24"
END SECTIONS 24"

WETLAND SITE ③

NON-WETLAND SITE ②

℄ IL 37

TREE REMOVAL, ACRES

TREE REMOVAL, ACRES LINE

PROP. R.O.W. LINE

R.O.W.

EXIST.

CEL +90.6
CEL +87.9
CEL +89.76
CEL +50.0
CEL +55.41
512+54.95
FEL +57.8

510+00
515+00
520+00

RT. STA. 507+38.5
PIPE CULVERT REMOVAL
PIPE CULVERTS, CL D, TY 1 15"
END SECTIONS 15"

RT. STA. 508+32.6
PIPE CULVERT REMOVAL
PIPE CULVERTS, CL D, TY 1 18"
END SECTIONS 18"

RT. STA. 509+78.2
PIPE CULVERT REMOVAL
PIPE CULVERTS, CL D, TY 1 18"
END SECTIONS 18"

EXIST. CURVE, 9
PI STA. = 507+80.68
△ = 0° 59' 09" (RT)
D = 0° 06' 14"
R = 55,128.16'
T = 474.29'
L = 948.56'
E = 2.04'
S.E. = STD CROWN
P.C. STA. = 503+06.38
P.T. STA. = 512+54.95

RT. STA. 510+92
STONE DUMPED RIPRAP, CLASS A4
10' x 10' x 2'
SEE ENERGY DISSIPATOR DETAIL

RT. STA. 513+71.8
PIPE CULVERT REMOVAL
PIPE CULVERTS, TY 1 RCCP 15"
PRC FLARED END SECTIONS 15"

RT. STA. 514+49.5
PIPE CULVERT REMOVAL
PIPE CULVERTS, TY 1 RCCP 15"
PRC FLARED END SECTIONS 15"

RT. STA. 515+86.3
PIPE CULVERT REMOVAL
PIPE CULVERTS, TY 1 RCCP 18"
PRC FLARED END SECTIONS 18"

RT. STA. 516+00
INLETS, TYPE B, TYPE 8 GRATE
TOP OF GRATE ELEV. = 438.80
INVERT ELEV. = 436.34

RT. STA. 516+29.5
PIPE CULVERT REMOVAL
PIPE CULVERTS, TY 1 RCCP 18"
PRC FLARED END SECTIONS 18"

RT. STA. 517+63.9
PIPE CULVERT REMOVAL
PIPE CULVERTS, TY 1 RCCP 18"
PRC FLARED END SECTIONS 18"

RT. STA. 519+15.1
PIPE CULVERT REMOVAL
PIPE CULVERTS, TY 1 RCCP 18"
PRC FLARED END SECTIONS 18"

RT. STA. 521+44.2
PIPE CULVERT REMOVAL
PIPE CULVERTS, CL D, TY 1 18"
END SECTIONS 18"

Site 1446-2

PER +38.5
PER +32.6
PER +78.2
CER +13.3
CER +71.8
CER +49.5
PER +86.3
CER +29.5
CER +63.9
CER +15.1
CER +44.2

BM 204 - RAILROAD SPIKE IN TELEPHONE POLE,
27' LT. STA. 515+55, ELEV. 441.56

PROPOSED LEFT DITCH

PROPOSED RIGHT DITCH
(PLOTTED 10' LOWER
FOR CLARITY)

℄ EXISTING PROFILE IL 37

+00 TOP OF GRATE EL. 438.80

+00 INVERT EL. 436.34

NOTE: SEE CROSS-SECTIONS FOR GRADING TO INLET.

450 445 440 435 430 425 420 415 410

444.28 444.03 443.76 443.49 443.24 442.96 442.67 442.42 442.30 442.13 442.04 441.96 441.88 441.63 441.28 440.92 440.64 440.31 439.93 439.56 439.35 439.16 438.94 438.81 438.67 438.52 438.05 437.26 436.05 434.94 433.84

507+00 508+00 509+00 510+00 511+00 512+00 513+00 514+00 515+00 516+00 517+00 518+00 519+00 520+00 521+00 522+00

PLOT DATE = 2/19/2018
FILE NAME = c:\dgn\A\PW\IDOT\HEADON\dms43658\d9240032p2-dgn
PLOT SCALE = 50.2000 ' / IN.
USER NAME = headon

PLAN–PROFILE STA. 507+00 TO STA. 522+00