PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

SECTION 9, T6N, R1E, 3RD PM

MATCH LINE STA. 537+00
SEE SHT. 1 FOR CONT.

SEE SHEET 79 FOR DETAILS OF ROADWAY IMPROVEMENTS AT EACH END OF EACH BRIDGE

DITCH ℄ (TYP.)

WOODED AREA

WETLANDS

℄ EX SN 026-0018
STA 543+69.02 (+/-)
15 SPANS
36'-10" OUT TO OUT PARAPETS
1088'-8" I.F. TO I.F. ABUTMENTS

KASKASKIA RIVER

180'

N

SCALE 50 0 50 100

EX ROW

WOODED AREA

WETLANDS

SEE SHEET 76 FOR DETAILS OF BRIDGE APPROACH SLAB DRAINAGE

STA 550+98
IMPROVEMENTS END

REMOVE & REPLACE SIGN, COST INCLUDED IN EARTH EXCAVATION

I-70 WB

℄ WBL

STA 550+50

℄ SURVEY F.A.I. 70

GRASS MEDIAN

STONE RIPRAP, CLASS A4
SEE STRUCTURE PLANS

STA 1537+50

℄ EBL

℄ PR SN 026-0106
STA 543+69.02
6 SPANS
45'-2" OUT TO OUT PARAPETS
1085'-8" BACK TO BACK ABUTMENTS

VARIES

PT STA 1541+33.35

STONE RIPRAP, CLASS A4
SEE STRUCTURE PLANS

STA 1550+50

I-70 EB

REMOVE & REPLACE SIGN, COST INCLUDED IN EARTH EXCAVATION

EXTEND UNDERDRAIN WITH 5' PIPE UNDERDRAINS 4" (SPECIAL) & INSTALL CONCRETE HEADWALL FOR PIPE DRAINS

SEE SHEET 71 FOR LOCATIONS OF TEMPORARY FENCE FOR PROTECTION OF THE WETLANDS

℄ EX SN 026-0085
STA 1543+92.54 (+/-)
15 SPANS
42'-0" OUT TO OUT PARAPETS
1088'-11" I.F. TO I.F. ABUTMENTS

℄ PR SN 026-0107
STA 1543+92.54
6 SPANS
45'-2" OUT TO OUT PARAPETS
1085'-11" BACK TO BACK ABUTMENTS

REMOVE EXISTING HEADWALL AND INSTALL CONCRETE HEADWALL FOR PIPE DRAINS

REMOVE & REPLACE DELINEATORS AS REQUIRED, COST INCLUDED IN EARTH EXCAVATION

STA 1550+97
IMPROVEMENTS END

WETLANDS

WETLANDS STA 541+45.05
255' RT

WOODED AREA
STA 542+73.81
251.39' RT

EDGE OF WATER
STA 545+25.83
244.32' RT

WOODED AREA

CONCRETE HEADWALL FOR PIPE DRAINS, TYPICAL EACH CORNER

EX ROW

STA 551+78.60
226.02' RT

SECTION 9, T6N, R1E, 3RD PM

BENCHMARK: BM 601 ELEV. 498.425 (NAVD 88)
CHISELED SQUARE ON TOP OF SW CORNER OF NW WINGWALL SN 026-0018 (WB), STA 538+10, 20.3' LT OF WBL

MATCH LINE STA. 552+00
SEE SHT. 3 FOR CONT.

350' VERTICAL CURVE | 125'-0" | 350' VERTICAL CURVE | 175'-0" | 350' VERTICAL CURVE

PR I-70 WB PGL

+0.50% +0.50% -0.50% -0.50% -0.50% -0.38%

EX I-70 WB PGL

℄ PR SN 026-0106
ROADWAY STA. 543+69.02

℄ EX SN 026-0018
ROADWAY STA. 543+69.02 (+/-)

+0.33%

BUTT JOINT
VPC STA 537+00.00
ELEV. 485.30

VPI STA 538+75.00
ELEVATION 497.38
E = +0.07

VPT STA 540+50.00
ELEV. 498.25

EXISTING STRUCTURE TO BE REMOVED

EXISTING GROUND LINE

VPC STA 541+75.00
ELEV. 498.88

VPI STA 543+50.00
ELEVATION 499.75
E = -0.43

D.H.W. ELEV. 484.4
(50 YEAR)

PROPOSED ℄ STRUCTURE

VPC STA 545+25.00
ELEV. 498.88

VPC STA 547+00.00
ELEV. 485.03

VPI STA 548+75.00
ELEV. 497.13
E = +0.05

BUTT JOINT
VPT STA 550+50.00
ELEV. 496.46

ELEV. 466.9

ELEV. 466.9

ELEV. 465.6

(EX PGL) (PR PGL)

537+00	538+00	539+00	540+00	541+00	542+00	543+00	544+00	545+00	546+00	547+00	548+00	549+00	550+00	551+00	552+00
496.80 / 496.80	496.88 / 497.15	497.20 / 497.56	497.51 / 498.01	497.52 / 498.50	497.72 / 499.00	497.83 / 499.28	497.77 / 499.28	497.75 / 499.00	497.64 / 498.50	497.49 / 498.00	497.25 / 497.52	496.96 / 497.07	496.60 / 496.65	496.30	495.97

PRINT DRIVER = LDD E.R.O.W.
PRINT MODE = MONOCHROME
MODEL NAME = D:\ESCA\Projects\1000.05\Plans\Roadway\Plan\I70_WB_Plan_P&Profile.dgn

USER NAME = has	DESIGNED - ELH	REVISED -	
ESCA PROJECT NO. 1000.05	DRAWN - HAS	REVISED -	
SCALES: (HORIZ) 1"=50' (VERT) 1"=5'	CHECKED - ELH	REVISED -	
PLOT DATE = 1/29/2014 1:43:52 PM	DATE - 01/14	REVISED -	

ESCA CONSULTANTS, INC.
CIVIL & STRUCTURAL ENGINEERS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-70 PLAN AND WB PROFILE

SCALE: 1"=50' | SHEET NO. 2 OF 6 SHEETS | STA. 537+00.00 TO STA. 552+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-3B-1, 3B-1(3))BR	FAYETTE	277	29
		CONTRACT NO. 74175		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT AID		