REMOVAL OF EXISTING OUTLET AND TYPE A GRATE SHALL BE PAID FOR AS "COMBINATION CURB AND GUTTER REMOVAL"

PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24

RIPRAP, CLASS A3 (SEE DETAIL SHEET FOR DIMENSIONS)

AGGREGATE SHOULDER, TYPE B, 6" LOCATION TO BE DETERMINED UPON PLACEMENT OF LIGHTING CONTROLLER FOUNDATION - SHOULDER TO BE CENTERED ON FOUNDATION (10' X 20' SHOULDER)

TYPE 1 OUTLET FOR CONCRETE CURB & GUTTER, TYPE B-6.24 SEE STANDARD 606006-02 (PAID FOR AS "CLASS SI CONCRETE OUTLET")

PROPOSED WIDENING PCC PAVEMENT, 10 1/4" (JOINTED) AGGREGATE SUBGRADE 12"

AGGREGATE SHOULDER REMOVAL (PAID FOR AS "EARTH EXCAVATION")

AGGREGATE SHOULDERS, TYPE B, 8"

PCC SHOULDERS, 8"

MATCH LINE STA. 51+00 (SEE SHEET NO. 13)

MATCH LINE STA. 56+00 (SEE SHEET NO. 17)

51+35.71 27.00' LT

52+30.71 30.00' LT

54+00.00 24.00' LT

52+20.71 24.00' LT

85' R

85' TAPER

400' TAPER

PT = 55+50.00

PC = 51+49.99

PAVED SHOULDER REMOVAL

SAW CUT (FULL-DEPTH)

CONSTRUCTION BASELINE

CURVE #1

HMA SHOULDER

AGG SHOULDER

EXIST. R.O.W.

EXISTING WETLAND

+19.25

(7) 145' - PIPE UNDERDRAINS 4"

(8) 100' - 12" S.S. REMOVAL T.B.F. = 1.3 CU. YD.

(9) 13' - PIPE UNDERDRAINS 4" (SPECIAL)

(10) 58' - PIPE DRAINS 12"

(11) 277' - PIPE UNDERDRAINS 4

(12) 16' - PIPE UNDERDRAINS 4" (SPECIAL)

(13) 295' - PIPE UNDERDRAINS 4"

[13] STA. 52+00.00, 42.3' LT
CONCRETE HEADWALL FOR PIPE DRAINS
INV = 716.92 (4" SW)

[14] STA. 52+20.00, 24.0' LT
GRATE TYPE A
E/P GRADE = 719.18
INV = 717.52
(SEE IDOT STANDARD 606006-02)

[15] STA. 52+20.00, 88.7' LT
METAL END SECTION, 12"
INV = 703.67 (12" SW)

[16] STA. 55+00.00, 37.8' LT
CONCRETE HEADWALL FOR PIPE DRAINS
INV = 709.94 (4" W)

EDGE OF PAVEMENT OFFSETS

STATION	LT EOP	ELEVATION	SLOPE*
53+00	24.00' LT	717.36	-1.01%
53+25	24.00' LT	716.77	-1.19%
53+50	24.00' LT	716.18	-1.37%
53+75	24.00' LT	715.60	-1.39%
54+00	24.00' LT	715.01	-1.40%
54+25	23.51' LT	714.44	-1.43%
54+50	22.75' LT	713.87	-1.46%
54+75	22.26' LT	713.31	-1.44%
55+00	21.50' LT	712.75	-1.41%
55+25	21.01' LT	712.31	-0.59%
55+50	20.25' LT	711.86	0.24%
55+75	19.62' LT	711.34	0.61%
56+00	19.00' LT	710.82	0.97%

*(MATCHING ADJACENT PAVEMENT SLOPE)

20 0 20
SCALE IN FEET

I-290 EASTBOUND ENTRANCE RAMP

EXISTING PROFILE

EXISTING ELEVATION: 722.15, 721.13, 719.88, 718.77, 717.65, 716.51, 715.35, 714.20, 712.97, 711.81, 710.64

725 720 715 710 705 700

51+00 51+50 52+00 52+50 53+00 53+50 54+00 54+50 55+00 55+50 56+00

MATCH LINE STA. 56+00 (SEE SHEET NO. 17)

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / GRADES CHECKED / R.M. NOTED / STRUCTURE NOTATIONS CHKD / NOTE BOOK / NO. / PLAN FILE NAME / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / R.M. NOTED / STRUCTURE NOTATIONS CHKD / NOTE BOOK / NO. / BY / DATE

FILE NAME = ...\2349\cad\sheet\2349_D&U 05.dgn	USER NAME = djk	DESIGNED - BLG	REVISED -
		DRAWN - BLG	REVISED -
	PLOT SCALE = 20.0000 ' / IN.	CHECKED - DJK	REVISED -
	PLOT DATE = 7/7/2010	DATE - 07-07-10	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 53 (BIESTERFIELD ROAD) @ I-290
PLAN AND PROFILE

SCALE: 1" = 20' | SHEET NO. 5 OF 6 SHEETS | STA. 51+00.0 TO STA. 56+00.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1339	09-00054-00-CH	COOK	88	16
		CONTRACT NO. 63505		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT ARA-M-9003(569)		