F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	55-2	McDONOUGH	1025	221
STA. 493+00		TO STA. 505+00		
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

PERMANENT EROSION CONTROL LEGEND

AGGREGATE DITCH (TO BE PLACED UPON COMPLETION OF DITCH CUT)

PLAN — SURVEYED — DATE; PLOTTED — DATE; DESIGN — BY; CHECKED — DATE; QUANTITY CHECKED — DATE; NOTE BOOK — NO.

PROFILE — SURVEYED — DATE; PLOTTED — DATE; DESIGN — BY; CHECKED — DATE; QUANTITY CHECKED — DATE; NOTE BOOK — NO.; STRUCTURE NUMBERING CHKD

STONE RIPRAP, CLASS B4 WITH FILTER FABRIC 20' X 150'

PROPOSED T.E.

DANIEL D. AND SHERYL VOORHIS

EXISTING CHANNEL TO BE INTERCEPTED BY ROADWAY DITCH

PROPOSED R.O.W./A.C.

CONSTRUCTION LIMITS

GOLD HILLS GOLF CLUB, INC.

STONE RIPRAP, CLASS B3 WITH FILTER FABRIC 20' X 40'

℄ STA. 498+00
INLETS, TYPE B, WITH MEDIAN INLET (604101) SPECIAL
GRATE ELEV. = 644.00
E. INV. ELEV. = 639.37
PROVIDE EARTH MEDIAN DITCH CHECK

RIPRAP, SPECIAL (TYP) (SEE DETAIL SHEET)

LT., STA. 494+01
TYPE D INLET BOX,
STANDARD 609006

PIPE DRAINS 18"

LT., STA. 499+00
TYPE F INLET BOX,
STANDARD 610001

PROPOSED ℄ IL. ROUTE 336

CONCRETE HEADWALL FOR PIPE DRAINS (TYP)

MATCH LINE STA. 493+00

MATCH LINE STA. 505+00

RT., STA. 493+58
TYPE C INLET BOX,
STANDARD 609006

IL. ROUTE 336

88 FT., PIPE CULVERTS, CLASS A, TYPE 2 24"
@ 0.40% SLOPE

PIPE UNDERDRAINS 4" (SPECIAL) (TYP)

STONE RIPRAP, CLASS B4 WITH FILTER FABRIC 20' X 125'

STA. 498+00, 89.0' RT.
PRC FLARED END SECTIONS 24"
INV. ELEV. = 639.02

100' UTILITY EASEMENT

℄ STA. 496+00
FLUSH INLET BOX FOR MEDIAN, STANDARD 542546
GRATE ELEV. = 640.41
S. INV. ELEV. = 637.41
SEE DETAIL SHEET

STONE RIPRAP, CLASS B3
22' X 174'
(RIPRAP FOR DITCH/SLOPE PROTECTION)
(TO BE PLACED UPON COMPLETION OF DITCH CUT)

DANIEL & SHERYL VOORHIS

DANIEL D. AND SHERYL VOORHIS

GOLD HILLS GOLF CLUB, INC.

SCALE IN FEET HORIZONTAL: 25 0 50 100

SCALE IN FEET VERTICAL: 20 10 0 5

PROPOSED P.G.L. PROFILE

VPI 493+00.00 RT. EL. 608.00

VPI 494+00.00 RT. EL. 612.29

VPI 495+00.00 RT. EL. 620.00

VPI 496+00.00 LT. EL. 609.50

VPI 499+00.00 RT. EL. 644.00

VPI 503+00.00 RT. EL. 650.00

VPI 503+50.00 RT. EL. 652.50

VPI 504+00.00 RT. EL. 655.00

VPI 504+00.00 LT. EL. 613.50

INLETS, TYPE A PIPE DRAINS 18" SEE DETAIL

INLETS, TYPE B PIPE CULVERTS, 24"

LEFT DITCH PROFILE

RIGHT DITCH PROFILE

EXISTING ℄ PROFILE

-6.25% -7.71% +4.29% -3.25% +6.00% +0.50% +1.50% +5.00% -0.48% +0.89%

	493+00	494+00	495+00	496+00	497+00	498+00	499+00	500+00	501+00	502+00	503+00	504+00	505+00
EXISTING ELEVATION	638.15	639.06	640.90	641.82	642.74	643.65	644.57	645.49	646.41	647.33	648.24	649.16	650.08
PROPOSED ELEVATION	638.15	639.06	639.98	640.90	641.82	642.74	643.65	644.57	645.49	646.41	651.00	651.92	652.83
	653.75	654.67	655.59	656.51	657.42	658.34	659.26	660.18					

PIPE UNDERDRAINS 4"

WB OUTSIDE EOP LT. STA. 493+00 TO STA. 493+50
WB OUTSIDE EOP LT. STA. 497+00 TO STA. 505+00
WB INSIDE EOP LT. STA. 497+00 TO STA. 505+00
EB INSIDE EOP RT. STA. 497+00 TO STA. 505+00
EB OUTSIDE EOP RT. STA. 496+00 TO STA. 505+00

PIPE UNDERDRAINS 4" (SPECIAL)

WB OUTSIDE LT. STA. 497+00, 17' @ 1.00% SLOPE
WB OUTSIDE LT. STA. 498+00, 17' @ 1.00% SLOPE
WB OUTSIDE LT. STA. 503+00, 17' @ 1.00% SLOPE
WB INSIDE LT. STA. 497+00, 14' @ 1.00% SLOPE
WB INSIDE LT. STA. 502+00, 14' @ 1.00% SLOPE
EB INSIDE RT. STA. 497+00, 14' @ 1.00% SLOPE
EB INSIDE RT. STA. 502+00, 14' @ 1.00% SLOPE
EB OUTSIDE RT. STA. 496+00, 17' @ 1.00% SLOPE
EB OUTSIDE RT. STA. 498+00, 18' @ 1.00% SLOPE
EB OUTSIDE RT. STA. 503+00, 18' @ 1.00% SLOPE

CONCRETE HEADWALL FOR PIPE DRAINS

WB OUTSIDE STA. 497+00, 66' LT., INV. ELEV. = 642.31
WB OUTSIDE STA. 498+00, 63' LT., INV. ELEV. = 644.18
WB OUTSIDE STA. 503+00, 63' LT., INV. ELEV. = 653.37
WB INSIDE STA. 497+00, 11' LT., INV. ELEV. = 643.35
WB INSIDE STA. 502+00, 11' LT., INV. ELEV. = 652.53
EB INSIDE STA. 497+00, 11' RT., INV. ELEV. = 643.35
EB INSIDE STA. 502+00, 11' RT., INV. ELEV. = 652.53
EB OUTSIDE STA. 496+00, 66' RT., INV. ELEV. = 642.49
EB OUTSIDE STA. 498+00, 67' RT., INV. ELEV. = 646.15
EB OUTSIDE STA. 503+00, 67' RT., INV. ELEV. = 655.32

SEE PIPE UNDERDRAIN SHEETS FOR PIPE UNDERDRAINS 4" PROFILES AND INVERTS AT EDGE OF PAVEMENT

DRAINAGE PLAN AND PROFILE – IL. ROUTE 336 – STA. 493+00 TO STA. 505+00

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