ESCA CONSULTANTS, INC.
CIVIL & STRUCTURAL ENGINEERS
SPRINGFIELD, ILLINOIS

SECTION 29, T16N, R3E, 4TH PM

SCALE IN FEET

MATCH LINE STA 722+00
SEE SHT. 32 FOR CONT.

MATCH LINE STA 728+00
SEE SHT. 34 FOR CONT.

STA. 725+25.00
95.00' LT.

NORTH BRANCH
OF SPRING CREEK

STA. 726+25.00
95.00' LT.

STA 725+71.80
CENTER PR SN 037-0172
DOUBLE 12' SPAN x 9' RISE BOX CULVERT
142'-8" LENGTH
CENTER EX SN 037-0091
ONE SPAN BRIDGE TO BE REMOVED
26'-9" BACK TO BACK ABUTMENTS

STA. 728+00.00
75.00' LT.

EXISTING GUARDRAIL
TO BE REMOVED

EXISTING CONCRETE
GUTTER TO BE REMOVED
AND REPLACED WITH TYPE
A (MODIFIED) CONCRETE
GUTTER

AGGREGATE BASE
COURSE, TYPE B 6"
THICKNESS

PAVED SHOULDER
REMOVAL

STA 723+70
NEW FE (AGG)

STA. 724+50.00
50.00' LT.

CLASS SI CONCRETE (OUTLET)

WETLANDS

DWAYNE V. GRANT, ET AL

STA. 723+00.00
33.00' LT.

24'-0"

PR ROW

EX ROW

STONE RIPRAP,
CLASS A4 4'x85'

REALIGN TRIBUTARY
TO FLATTEN SLOPES

℄ FAP 638 (IL 82)

722 723 724 725+00 726 727

+59 +30 +87 +28 +78 +68

13'-0" 13'-0"

PAVED SHOULDER
REMOVAL

STONE RIPRAP, CLASS A4
4'x10'

AGGREGATE
SHOULDERS

CLASS C PATCHES, TYPE IV, 13"

AGGREGATE
SHOULDERS

EX ROW

PAVED SHOULDER
REMOVAL

PR ROW

EXISTING CONCRETE
GUTTER TO BE REMOVED

CONSTRUCTION LIMITS (TYP)

EXISTING CONCRETE
GUTTER TO BE REMOVED

12'-0" 12'-0"

725+41.80

726+01.80

EXISTING GUARDRAIL
TO BE REMOVED

STA. 722+17.58
45.00' RT.

CLASS SI CONCRETE (OUTLET)

AGGREGATE BASE
COURSE, TYPE B 6"
THICKNESS

STA. 724+75.00
45.00' RT.

STA 724+98
FE (AGG)

WETLANDS

STA. 727+00.00
55.00' RT.

STA. 728+00.00
45.00' RT.

REYNOLDS M. EVERETT, JR.

CONSTRUCTION LIMITS (TYP)

REYNOLDS M. EVERETT, JR.

STA. 725+25.00
90.00' RT.

STA. 726+00.00
90.00' RT.

DO NOT
DISTURB WETLAND
OUTSIDE OF PROPOSED ROW

## LEGEND

- HMA SHOULDERS
- PAVEMENT REMOVAL
- CONSTRUCTION LIMITS
- HMA SURFACE REMOVAL - BUTT JOINT

## BENCHMARK

CHISELED SQUARE ON SE HUBGUARD OF
BRIDGE, SN 037-0091
STA 725+59.5, 21.1' RT.
ELEV. 685.95

SECTION 28, T16N, R3E, 4TH PM

PR PGL
FAP 638

2½" HMA RESURFACING

150' V.C.

2½" HMA
RESURFACING

STA 722+00

STA 725+00

STA 726+50

EXISTING STRUCTURE
TO BE REMOVED

PR PGL
FAP 638

EX PGL FAP 638

PROPOSED VERTICAL CURVE DATA
VPI STA 725+75
EL 685.21
LENGTH = 150.00'
E = 0.62'
$g_1$ = -4.08%
$g_2$ = -0.80%
VPC STA 725+00
VPI STA 726+50

10.0%

PROPOSED DOUBLE BOX
CULVERT 12' S x 9' R

2.0%

SPECIAL DITCH RT
+00

1.0%

2.3%

SPECIAL DITCH LT

SPECIAL DITCH LT

LIMITS OF
TRENCH BACKFILL

700 695 690 685 680 675 670

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