F. A. I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
24	*	**	189	92
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* X1-2,44(2,3,4)RS,BSMARTFY04-4
** WILLIAMSON/JOHNSON CONTRACT NO. 98758

FOR SCOUR AND WINGWALL REPAIR LT. STA. 1391+89 (℄ WBL)
SEE SHEETS: ACCESS PLAN SHEET 102 AND SCOUR AND WINGWALL REPAIR SHEETS 165-166B

STONE RIPRAP DITCH
LT. STA. 1370+65 TO STA. 1373+30 (WBL)

GABIONS
LT. STA. 1374+00 (WBL)
SEE SCOUR REPAIR DETAIL SHEET 164

TREE REMOVAL, ACRES
40' x 50' CENTERED ON HEADWALL LT. STA. 1374+00 (WBL)

GRADING AND SHAPING FORESLOPES
FROM HEADWALL UP FORESLOPE TO EDGE OF SHOULDER 50' WIDE CENTERED ON HEADWALL LT. STA. 1374+00 (WBL)

SIDE ROAD R.O.W.

GENERAL CLEANING OF CONNECTING PAVED DITCH LT. STA. 1377+95 (WBL)

TR 43

AC

GENERAL CLEANING OF INLET GRATE
GENERAL CLEARING 20' x 20' CENTERED ON INLET LT. STA. 1373+90 (WBL)

GENERAL CLEARING FROM PAVED DITCH TO R.O.W. FENCE
LT. STA. 1372+86 (WBL)

EXIST. CURVE 45
PI STA. = 1375+66.56
Δ = 10° 58' 30" (RT)
D = 0° 19' 53"
R = 17,295.53'
T = 1,661.56'
L = 3,312.95'
E = 79.63'
S.E. = NORMAL CROWN
P.C. STA. = 1359+05.02
P.T. STA. = 1392+17.97

GRADING AND SHAPING FORESLOPES
STRAIGHTEN DITCH FLOW 25' x 10'
RT. STA. 1371+62 TO STA. 1371+87 (WBL)

STONE RIPRAP DITCH
LT. STA. 1371+90 TO STA. 1374+03 (WBL)

GRADING AND SHAPING FORESLOPES
GRADE EXISTING DITCH TO DRAIN
40' x 10' FROM INLET TO N. PAVED DITCH
20' x 10' NEAR WEST PAVED DITCH
LT. STA. 374+21 (EBL)

STONE RIPRAP DITCH
LT. STA. 374+34 TO STA. 373+91 (EBL)

GRADING AND SHAPING FORESLOPES
TO IMPROVE DITCH FLOW
(50' x 10') RT. STA. 1382+17 TO STA. 1382+67 (WBL)
(25' x 10') LT. STA. 380+98 TO STA. 381+23 (EBL)

SEE NOTES FOR EXPLANATION
LT. STA. 1390+00 (WBL)

R.O.W.

℄ W.B. LANES

PT Sta 1392+17.97

9' x 8' BOX CULVERT

GRADING AND SHAPING FORESLOPES
GRADE EXISTING DITCH TO DRAIN
25' x 10' AREAS EAST AND WEST OF INLET
COST TO INCLUDE RESEEDING
RT. STA. 393+44 (EBL)

SEE NOTES FOR EXPLANATION
RT. STA. 392+00 (EBL)

STONE RIPRAP DITCH
RIPRAP SLURRY
LT. STA. 395+34 TO STA. 396+60 (EBL)

GRADING AND SHAPING FORESLOPES
TO IMPROVE DITCH FLOW
(50' x 10') RT. STA. 1398+56 TO STA. 1399+06 (WBL)
(40' x 10') LT. STA. 398+41 TO STA. 391+81 (EBL)

PC Sta 1401+57.79

LINE

EXIST.

STONE RIPRAP DITCH
RT. STA. 371+94 TO STA. 373+54 (EBL)

GENERAL CLEARING
RT. STA. 373+34 TO STA. 373+54 (EBL)

GRADING AND SHAPING FORESLOPES
55' x 50' CENTERED ON HEADWALL
RT. STA. 374+77 (EBL)

GRADING AND SHAPING FORESLOPES
50' x 25' THROUGH INLET DITCH
RT. STA. 374+77 (EBL)

WOVEN WIRE FENCE REMOVAL
WOVEN WIRE FENCE, 4'

R.O.W.

RIPRAP SLURRY
SEE NOTES FOR EXPLANATION
RT. STA. 392+50 (EBL)

GENERAL CLEARING
RT. STA. 392+41 TO STA. 393+23 (EBL)
RT. STA. 393+23 TO STA. 393+68 (EBL)

WOVEN WIRE FENCE REMOVAL
WOVEN WIRE FENCE, 4'
STONE RIPRAP DITCH
RT. STA. 393+68 TO STA. 394+57 (EBL)

GRADING AND SHAPING FORESLOPES
25' x 25' AREA SOUTH OF INLET OPENING
100' x 50' AREA CENTERED ON HEADWALL
RT. STA. 395+00 (EBL)

℄ E.B. LANES

STONE RIPRAP DITCH
RT. STA. 395+14 TO STA. 394+35 (EBL)

GENERAL CLEARING
RT. STA. 395+14 TO STA. 395+88 (EBL)

LINE

EXIST. CURVE 46
PI STA. = 1406+37.94
Δ = 1° 46' 23" (LT)
D = 0° 11' 05"
R = 31,029.17'
T = 480.15'
L = 960.23'
E = 3.71'
S.E. = NORMAL CROWN
P.C. STA. = 1401+57.79
P.T. STA. = 1411+18.02

STONE DUMPED RIPRAP, CLASS A5
(23' x 20' x 2') LT. STA. 1415+44 (WBL)

STONE RIPRAP DITCH
LT. STA. 1415+58 TO STA. 1418+62 (WBL)

GENERAL CLEARING
LT. STA. 1415+58 TO STA. 1415+78 (WBL)

GRADING AND SHAPING FORESLOPES
GRADE EXISTING DITCH TO DRAIN FROM OUTLET 20' x 30', GRADE AND SHAPE 10' x 20' ABOVE HEADWALL
LT. STA. 1415+50 (WBL)

GRADING AND SHAPING FORESLOPES
TO STRAIGHTEN AND IMPROVE DITCH FLOW 75' x 10'
LT. STA. 1419+92 TO STA. 1420+67 (WBL)

TL RAMP "A"

PC Sta 11+52.97

LINE

℄ FAS 927

℄ W.B. LANES

EXIST.

PT Sta 411+18.02

WOVEN WIRE FENCE REMOVAL
WOVEN WIRE FENCE, 4'

GENERAL CLEARING 20' x 20' AROUND HEADWALLS AND WINGWALLS
LT. STA. 1415+44 (WBL)

PT Sta 16+28.30

R.O.W.

GENERAL CLEANING OF SKIRT AREA
LT. STA. 12+77 (RAMP A)

POT Sta 1429+60.80

EQ. 52' RT. POT STA. 1429+60.80
BK (℄ WBL) =
POT STA. 429+36.09 AH (℄ MEDIAN)

EQ. 52' LT. STA. 429+34.43
BK (℄ EBL) =
POT STA. 429+36.09 AH (℄ MEDIAN)

POT Sta 429+36.09

POT Sta 429+45.71

℄ MEDIAN F.A.I. 24

SN 044-0035

℄ E.B. LANES

EXIST.

PC Sta 411+74.80

GENERAL CLEANING AND CLEARING OF OUTLET AREA
RT. STA. 5+73 (RAMP D)

PC Sta 1+00.00

PT Sta 4+16.80

R.O.W.

GRADING AND SHAPING FORESLOPES
20' x 20' CENTERED ON INLET (MED)
LT. STA. 416+53 (EBL)

GENERAL CLEANING 20' x 20'
RT. STA. 417+73 (EBL)

GENERAL CLEANING AND CLEARING OF INLET AREA
RT. STA. 4+82 (RAMP D)

TL RAMP "D"

LINE

FOR PROPOSED INTERCHANGE WORK, SEE SHEET NO. 101

BM-1224 CHISELED "□" ON EAST SIDE OF CONC. BRIDGE PIER SN 044-0035, 51' RT. STA. 431+86

EXIST. CURVE 11
PI STA. = 420+60.49
Δ = 3° 13' 11" (RT)
D = 0° 10' 55"
R = 31,513.26'
T = 885.69'
L = 1,770.91'
E = 12.44'
S.E. = NORMAL CROWN
P.C. STA = 411+74.80
P.T. STA = 429+45.71

NOTE:
SEE SHEET NO. 171 FOR DETAIL
STONE RIPRAP DITCH
STONE RIPRAP DITCH LINING

NOTES:
1. REMOVING INLETS
2. PIPE CULVERT REMOVAL
3. STONE RIPRAP DITCH LINING
PROPOSED CONCRETE CURB OUTLET, SEE DETAIL SHEET 177
4. COST TO INCLUDE RESHAPING EARTH FOR RESEEDING WITH 3.
5. GRADING AND SHAPING FORESLOPES

108A4 FEBRUARY 25, 2005 MORNING
108A4 09021202/09021202pl.dgn
108TP

109AA FEBRUARY 25, 2005 MORNING
109TP 09021202/09021202pl.dgn

Rev. 3-2-05

STA. 371+00 TO STA. 435+00