F. A. I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
24	*	**	189	88
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

N

100' 0 50' 100'

EQ. 64' LT. PC Sta 6+09.57 BK (TL RAMP "CA") =
STA. 118+90.43 AH (℄ MEDIAN)

GRADING AND SHAPING FORESLOPES
FOR IMPROVED DITCH FLOW
COST TO INCLUDE RESEEDING
LT STA. 119+98 TO STA. 120+08 (WBL)

GRADING AND SHAPING FORESLOPES
GRADE EXIST. DITCH TO DRAIN
30' x 30' FROM CULVERT OUTLET
LT. STA. 125+70 (WBL)

GRADING AND SHAPING FORESLOPES
GRADE DITCH 55' FROM CULVERT APRON
TO R.O.W. FENCE
GENERAL CLEANING OF CULVERT APRON
LT. STA. 122+63 TO STA. 122+68 (WBL)

GRADING AND SHAPING
MEDIAN CROSSOVER
LT. STA. 126+13 (EBL)
SEE DETAIL SHEET 160

GRADING AND SHAPING FORESLOPES
FOR IMPROVED DITCH FLOW
50' x 10'
LT. STA. 130+48 TO STA. 130+98 (WBL)

GENERAL CLEANING OF PAVED DITCH
LT. STA. 131+86 TO STA. 133+00 (WBL)

GENERAL CLEARING
LT. STA. 132+50 TO
STA. 133+00 (WBL)

TREE REMOVAL, ACRES
EARTH EXCAVATION
(110' x 15' x 1') LT. STA. 134+31 (WBL)

GENERAL CLEARING AND CLEANING BEHIND
THE WINGWALLS AND DOWNSTREAM TO R.O.W.
LT. STA. 144+06 (WBL)

WOVEN WIRE FENCE REMOVAL
WOVEN WIRE FENCE, 4'

GENERAL CLEARING
LT. STA. 143+63 TO STA. 143+96 (WBL)

STONE RIPRAP DITCH
LT. STA. 141+15 TO STA. 143+96 (WBL)

GABIONS
LT. STA. 143+98 (WBL)
SEE SCOUR REPAIR DETAIL
SHEET 161

GRADING AND SHAPING
FORESLOPES
GRADE AND SHAPE DITCH
TO DRAIN 25' x 10'
STA. 135+61 TO
STA. 145+86 (MED)

GRADING AND SHAPING FORESLOPES
20' x 20' CENTERED ON CULVERT
LT. STA. 134+20 (WBL)

STA. 135+40 (WBL)
COUNTY LINE STA.

LOCATING UNDERGROUND CABLE
RT. STA. 145+75 (WBL)
RT. STA. 145+75 TO STA. 147+00 (WBL)

STA. 134+80 (MEDIAN)

GENERAL CLEARING AND CLEANING
50' x 25' CENTERED ON OUTLET
HEADWALL
RT. STA. 141+85 (℄ EBL)

6' x 6'
BOX CULVERT

SEAL EXIST. JOINT W/MASTIC
COST TO BE PAID FOR AS ART.
109.04 (b) OF STD. SPEC.
RT. STA. 146+00 (EBL)

SEAL INLET PIPES WITH
POLYURETHANE MATERIAL
25' x 25'
GENERAL CLEANING OF INLET GRATE
STA. 146+00 (MED)

STA. 134+20 (EBL)
COUNTY LINE STA.

EARTH EXCAVATION
(10' x 15' x 1') RT. STA. 133+55 (EBL) UPSTREAM AREA
COST TO INCLUDE GRADING & SHAPING EXIST. DITCH

GENERAL CLEARING AND CLEANING
RT. STA. 133+20 TO STA. 133+40 (EBL)

GENERAL CLEARING
RT. STA. 138+16 (EBL)
RT. STA. 140+21 TO STA. 141+71 (EBL)
RT. STA. 140+82 TO STA. 141+71 (EBL)

GENERAL CLEARING
RT. STA. 142+12 TO STA. 142+32 (EBL)

GENERAL CLEANING AROUND CULVERT
RT. STA. 125+73 (EBL)

GRADING AND SHAPING FORESLOPES
RT. STA. 125+00 TO STA. 125+57 (EBL)

STONE RIPRAP DITCH
RT. STA. 124+81 TO STA. 125+57 (EBL)

GENERAL CLEANING OF CULVERT APRON
RT. STA. 121+65 (EBL)
EQ. 65' LT. Sta 32+11.89 BK (TL RAMP "BC") =
STA. 124+20.09 AH (℄ MEDIAN)

GENERAL CLEANING OF INLET FOR
STA. 121+75 (MED)

TL RAMP "CA"

EXIST.

℄ MEDIAN F.A.I. 24

℄ E.B. LANES

℄ W.B. LANES

EXIST. TRAFFIC COUNTERS
TO BE ABONDONED
STA. 126+25 (WB)
STA. 126+27 (EB)

R.O.W.

WILLIAMSON COUNTY
JOHNSON COUNTY

Pt Sta 129+23.25

BM-1239 CHISELED "T" TOP OF PARAPET WALL
SN 044-0030, STA. 148+00

REMOVING INLETS
RIPE CULVERT REMOVAL
LT. STA. 147+55
PROPOSED CONCRETE CURB OUTLET, SEE
DETAIL SHEET 177
STONE RIPRAP DITCH LINING

SN 044-0030

EXIST. JUNCTION BOX

LOCATING UNDERGROUND CABLE
LT. STA. 146+93 (EBL)
STA. 147+00 TO STA. 147+67 (MED)
LT. STA. 147+78 TO STA. 147+86 (EBL)
LT. STA. 147+72 (EBL) POWER SOURCE
TO THE RPU
RT. STA. 147+78 TO STA. 147+86 (WBL)

EXIST. REMOTE
PROCESSING UNIT

SN 044-0029

STONE RIPRAP DITCH
GENERAL CLEARING
RT. STA. 145+82 TO STA. 147+82 (EBL)

WOVEN WIRE FENCE REMOVAL
WOVEN WIRE FENCE, 4'
GENERAL CLEARING
RT. STA. 147+82 TO STA. 147+82 (EBL)

GENERAL CLEARING
LT. STA. 150+50 TO STA. 152+20 (WBL)
LT. STA. 150+50 TO STA. 156+62 (WBL)
LT. STA. 153+95 TO STA. 154+23 (WBL)
LT. STA. 156+02 TO STA. 156+23 (WBL)

WOVEN WIRE FENCE REMOVAL
WOVEN WIRE FENCE, 4'
REMOVE FENCE AND REPLACE FENCE
ONTO R.O.W.
LT. STA. 150+50 TO STA. 155+50 (WBL)

FILL SCOURED DITCH AREA BETWEEN
LT. STA. 150+50 TO STA. 150+60 (WBL)
10' x 10' x 3'
WITH STONE RIPRAP, CLASS A3
STONE RIPRAP DITCH
LT. STA. 150+50 TO STA. 157+86 (WBL)
LT. STA. 157+00 (WBL)

WOVEN WIRE FENCE REMOVAL
WOVEN WIRE FENCE, 4'

GENERAL CLEANING OF APRON
LT. STA. 157+00 (WBL)

EXIST. CURVE 13
PI STA. = 160+37.36
Δ = 5° 04' 04" (LT)
D = 0° 20' 24"
R = 16,852.66'
T = 745.79'
L = 1,490.60'
E = 16.49'
S.E. = NORMAL CROWN
P.C. STA. = 152+91.57
P.T. STA. = 167+82.17

Pt Sta 152+91.57

℄ W.B. LANES

℄ E.B. LANES

GENERAL CLEANING OF PAVED DITCH
RT. STA. 153+62 TO STA. 155+28 (EBL)

TREE REMOVAL, ACRES
RT. STA. 151+50 TO STA. 152+05 (EBL)
GENERAL CLEARING
RT. STA. 150+09 TO STA. 150+78 (EBL)
GENERAL CLEARING
RT. STA. 152+25 TO STA. 156+80 (EBL)

GRADING AND SHAPING FORESLOPES
25' x 20'
RT. STA. 156+56 (EBL)

GENERAL CLEARING
30' FROM EOP TO ROCK LEDGE
RT. STA. 160+00 TO STA. 165+00 (EBL)

GRADING AND SHAPING FORESLOPES
TO IMPROVE DITCH FLOW
RT. STA. 159+20 TO STA. 159+47 (EBL)

STONE RIPRAP DITCH
RIPRAP SLURRY
RT. STA. 156+80 TO STA. 159+20 (EBL)

WOVEN WIRE FENCE REMOVAL
WOVEN WIRE FENCE, 4'

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

STONE RIPRAP, CLASS A3
RT. STA. 169+09 TO STA. 169+21 (EBL)

STONE RIPRAP, CLASS A3
6' x 2' x 3'
RIPRAP SLURRY
RT. STA. 169+08(EBL)

GENERAL CLEARING
RT. STA. 169+08 (EBL)

FILL SCOURED DITCH AREA
6' x 4' x 3' AT BEGINNING OF PAVED
DITCH RT. STA. 172+17 (EBL)
WITH STONE RIPRAP, CLASS A3
STONE RIPRAP DITCH
EARTH EXCAVATION
(17' x 13' x 1') RT. STA. 173+97 (EBL)
EXCAVATED MATERIAL TO BE PLACED
BEHIND WINGWALLS COST TO INCLUDE
GENERAL CLEARING AROUND HEADWALL
AND WINGWALLS

GENERAL CLEARING
LT. STA. 174+65 TO STA. 174+96 (WBL)
LT. STA. 174+89 TO STA. 183+27 (WBL)
LT. STA. 177+37 (WBL)

GENERAL CLEANING TO IMPROVE FLOW
LT. STA. 177+37 (WBL)

EARTH EXCAVATION
(24' x 21' x 2') RT. STA. 174+60 (WBL)
ENERGY DISSIPATOR TO BE PAID FOR
AS STONE DUMPED RIPRAP, CLASS A4

SEAL INLET PIPES WITH
POLYURETHANE MATERIAL
20' x 20'
STA. 174+20 (MED)

℄ MEDIAN F.A.I. 24

Pt Sta 167+82.17

WOVEN WIRE FENCE REMOVAL
WOVEN WIRE FENCE, 4'

GRADING AND SHAPING FORESLOPES
(20' x 20') RT. STA. 173+90 (EBL)
(20' x 20') RT. STA. 174+05 (EBL)
(20' x 20') RT. STA. 176+05 (EBL)
(20' x 20') RT. STA. 176+18 (EBL)

EARTH EXCAVATION
(20' x 20' x 1.5') RT. STA. 176+11 (EBL)
EXCAVATED MATERIAL TO BE PLACED
BEHIND WINGWALLS

100' 0 50' 100'

STA. 115+00 TO STA. 179+00

Tuesday, December 14, 2004 @ 9:06:05 AM
c:\projects\d98212\d98212p1.dgn LV:2,4,20,22,24,47,58,63
c:\projects\d98212\d98212p2.dgn LV:1,2,4,20,22,24,37,44,46,63
c:\projects\d98212\d98212st1.dgn LV:1,2,4,20,21,55,61,63
c:\projects\d98212\d98212st2.dgn LV:1,2,4,20,21,55,61,63