F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
24	*	JOHNSON	150	62
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

*(44-5,6)RS, BSMART FY04-3
98836

EXCAVATION TO REPAIR CULVERT
GRADING AND SHAPING FORESLOPES
20' X 40' RT. STA. 490+92

STONE RIPRAP DITCH LINING
TO BE PAID FOR AS
STONE RIPRAP, CLASS A3
SEE DETAIL SHEET 109
STA. 497+01 TO STA. 497+78 (℄ MEDIAN)

REMOVE RIPRAP, FILL EXIST. 10' X 12' X 2' EROSION WITH EMBANKMENT, PUT RIPRAP BACK

EARTH EXCAVATION
5' X 30' X 1' LT. STA. 80+37 (℄ WBL)

WOVEN WIRE FENCE REMOVAL
WOVEN WIRE FENCE, 4'

TREE REMOVAL, ACRES
50' X 20' LT. STA. 80+37 (℄ WBL)

EQ PT. Sta 499+01.37 BK
PC Sta 78+90.80 AH

TREE REMOVAL, ACRES
LT. STA. 80+70 TO STA. 81+40 (℄ WBL)

STONE RIPRAP DITCH
SEE DETAIL SHEET 109
LT. STA. 80+70 TO STA. 85+43 (℄ WBL)

GRADING AND SHAPING FORESLOPES
20' X 30' LT. STA. 83+91 (℄ WBL)
TO LEVEL OUT THE AREA AND FILL IN EXISTING 15' X 10' X 1' HOLE NEXT TO PAVED DITCH

EXIST. CURVE 4
PI STA. = 85+27.02
Δ = 10° 32' 11" (LT)
D = 0° 49' 49"
R = 6,899.88'
T = 636.22'
L = 1,268.85'
E = 29.27'
S.E. = 2.3%
P.C. STA. = 78+90.80
P.T. STA. = 91+59.65

GENERAL CLEARING
LT. STA. 84+74 TO STA. 86+75 (℄ WBL)

SEAL EXIST. JOINT W/MASTIC. COST TO BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 (b) OF THE STANDARD SPECS.
LT. STA. 97+25 (℄ WBL)

GENERAL CLEARING OF DITCH FOR IMPROVED FLOW
LT. STA. 89+57 (℄ WBL)

GABIONS 6' X 6' (REVETMENT)
STAIR STEPPED INTO FORESLOPE EROSION
LT. STA. 89+95 (℄ WBL)
SEE GABION DETAIL SHEET 102

DISK AND RESEED
30' X 10' STA. 89+00 (℄ MEDIAN)

PT Sta 91+59.65

℄ MEDIAN F.A.I. 24

℄ W.B. LANES

℄ E.B. LANES

GENERAL CLEARING OF DITCH 25' DOWNSTREAM FOR IMPROVED FLOW

EARTH EXCAVATION
20' X 25' X 1.5' RT. STA. 495+52 (℄ EBL)

TREE REMOVAL, ACRES
100' X 20' RT. STA. 495+52 (℄ EBL)

GENERAL CLEARING OF SOIL DEPOSITS THROUGHOUT CULVERT
STA. 497+78 (℄ MEDIAN)

PLACE STONE RIPRAP DITCH LINING
BETWEEN THE EXISTING RIPRAP DITCH CHECKS TO BE PAID FOR AS
STONE RIPRAP, CLASS A3
SEE DETAIL SHEET 109
STA. 498+58 TO STA. 499+01.37 BK (℄ MEDIAN)
STA. 78+90.80 AH TO STA. 81+82 (℄ MEDIAN)

GRADING AND SHAPING MEDIAN CROSSOVER
STA. 88+65 (℄ MEDIAN)
SEE DETAIL SHEET 101

SEAL EXIST. JOINT W/MASTIC. COST TO BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 (b) OF THE STANDARD SPECS.
RT. STA. 86+19 (℄ EBL)
RT. STA. 86+33 (℄ EBL)

GENERAL CLEARING OF DITCH FOR IMPROVED FLOW RT. STA. 85+70 (℄ EBL)

TREE REMOVAL, ACRES
RT. STA. 85+70 TO STA. 88+30 (℄ EBL)
COST TO INCLUDE GENERAL CLEANING AROUND HEADWALL RT. STA. 88+00 (℄ EBL)

GENERAL CLEARING
RT. STA. 88+30 TO STA. 89+92 (℄ EBL)

DISK AND RESEED
RT. STA. 89+00 TO STA. 89+25 (℄ EBL)

PLACE 20 CU. YD. OF EARTH AND DO
GRADING AND SHAPING FORESLOPES
40' X 10' AROUND EXISTING HEADWALL

STONE RIPRAP DITCH
SEE DETAIL SHEET 109
RT. STA. 87+56 TO STA. 88+30 (℄ EBL)

GRADING AND SHAPING FORESLOPES
100' X 30' CENTERED ON CULVERT
COST TO INCLUDE GENERAL CLEARING FROM PAVED DITCH 20' X 20'
LT. STA. 109+53 (℄ WBL)

PIPE CULVERT REMOVAL
REPLACE WITH STONE RIPRAP LINING TO BE PAID FOR AS
STONE RIPRAP, CLASS A3
SEE DETAIL SHEET 109
RIPRAP SLURRY
LT. STA. 109+53 (℄ WBL)

STONE RIPRAP DITCH
SEE DETAIL SHEET 109
RIPRAP SLURRY
LT. STA. 107+10 TO STA. 107+75 (℄ WBL)
78' X 10' LT. STA. 109+52

GENERAL CLEARING
LT. STA. 109+68 TO STA. 111+00 (℄ WBL)
LT. STA. 110+47 TO STA. 111+00 (℄ WBL)

DISK AND RESEED
LT. STA. 109+93 TO STA. 110+03 (℄ WBL)
LT. STA. 110+80 TO STA. 110+90 (℄ WBL)

EARTH EXCAVATION
5' X 5' X 2' LT. STA. 111+05 (℄ WBL)
25' X 6' X 8" LT. STA. 111+15 (℄ WBL)
COST TO INCLUDE GENERAL CLEARING AROUND PLUS 25' UPSTREAM
RT. STA. 111+10 (℄ WBL)

GRADING AND SHAPING FORESLOPES
120' X 20' CENTERED ON CULVERT
LT. STA. 110+25 (℄ WBL)

TREE REMOVAL, ACRES
70' X 20' CENTERED ON CULVERT
LT. STA. 110+25 (℄ WBL)

GENERAL CLEARING
LT. STA. 118+48 TO STA. 118+66 (℄ WBL)
LT. STA. 119+15 TO STA. 119+60 (℄ WBL)

FILL EXIST. 12' X 4' X 1' EROSION WITH EMBANKMENT
GRADING AND SHAPING FORESLOPES
15' X 5'
STONE RIPRAP, CLASS A3
BACK SIDE OF PAVED DITCH
LT. STA. 119+98 (℄ WBL)

CONCRETE HEADWALL REPAIR
SEE DETAIL SHEET 107

SEAL EXIST. JOINT W/MASTIC. COST TO BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 (b) OF THE STANDARD SPECS.
LT. STA. 119+05 (℄ WBL)
LT. STA. 120+14 (℄ WBL)

TREE REMOVAL, ACRES
50' X 50'
LT. STA. 114+25 (℄ WBL)

REMOVING INLETS
LT. STA. 109+53 (℄ WBL)

SEAL EXIST. JOINT W/MASTIC. COST TO BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 (b) OF THE STANDARD SPECS.
LT. STA. 108+09 (℄ WBL) & LT. STA. 109+00 (℄ WBL)

REMOVING INLETS
RT. STA. 106+00 (℄ EBL)

REMOVING INLETS
RT. STA. 111+00 (℄ EBL)

PIPE CULVERT REMOVAL
REPLACE WITH STONE RIPRAP LINING TO BE PAID FOR AS
STONE RIPRAP, CLASS A3
SEE DETAIL SHEET 109
RT. STA. 111+00 (℄ EBL)

GENERAL CLEARING
RT. STA. 107+93 TO STA. 109+68 (℄ EBL)

TREE REMOVAL, ACRES
RT. STA. 109+68 TO STA. 111+37 (℄ EBL)

STONE RIPRAP DITCH
SEE DETAIL SHEET 109
RT. STA. 107+93 TO STA. 111+37 (℄ EBL)

GABIONS
SEE SCOUR REPAIR DETAIL SHEET 105

GENERAL CLEARING
RT. STA. 105+43 TO STA. 105+73 (℄ EBL)

PIPE CULVERT REMOVAL
REPLACE WITH STONE RIPRAP LINING TO INCLUDE ANY GRADING AND SHAPING TO BE PAID FOR AS
STONE RIPRAP, CLASS A3
SEE DETAIL SHEET 109
RIPRAP SLURRY
RT. STA. 106+00 (℄ EBL)

WOVEN WIRE FENCE REMOVAL
WOVEN WIRE FENCE, 4'

GRADING AND SHAPING FORESLOPES
95' X 25' RT. STA. 107+75 (℄ EBL)

SEE SHEET NO. 107 FOR DETAIL

STONE RIPRAP DITCH
SEE DETAIL SHEET 109
RT. STA. 117+63 TO STA. 118+97 (℄ EBL)

GENERAL CLEARING
RT. STA. 117+63 TO STA. 120+98 (℄ EBL)

SEAL EXIST. JOINT OR CRACK W/MASTIC. COST TO BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 (b) OF THE STANDARD SPECS.
RT. STA. 119+11 (℄ EBL)
RT. STA. 119+86 (℄ EBL)
RT. STA. 120+90 (℄ EBL)
RT. STA. 121+98 (℄ EBL)
RT. STA. 122+85 (℄ EBL)
RT. STA. 123+82 (℄ EBL)
RT. STA. 125+98 (℄ EBL)
RT. STA. 126+60 (℄ EBL)
RT. STA. 126+89 (℄ EBL)

REMOVING INLETS
RT. STA. 128+30 (℄ EBL)
RT. STA. 132+00 (℄ EBL)

STONE RIPRAP DITCH LINING
TO BE PAID FOR AS
STONE RIPRAP, CLASS A3
SEE DETAIL SHEET 109
RT. STA. 127+75 TO STA. 128+30 (℄ EBL)

USE EXISTING RIPRAP FOR STONE RIPRAP DITCH LINING ALL TO BE PAID FOR BY
GRADING AND SHAPING FORESLOPES
40' X 10' RT. STA. 123+63 (℄ EBL)
55' X 10' RT. STA. 128+30 (℄ EBL)
50' X 10' RT. STA. 132+00 (℄ EBL)

FOR LOCATIONS OF BITUMINOUS CURB REMOVAL AND REPAIR, SEE SAFETY PLANS SHEET 93.

STA. 490+00 TO STA. 134+00

Wed Feb 11 08:56:57 2004
D:\projects\d30202\d9020203\sht\e24-20,22,24-46,49-63
D:\projects\d30202\d9020203\sht\e24-25,27-35,37-48,50-62
D:\projects\d30202\d9020203\sht\e24-25,36-36A,63
DMS:D9020203d9020203tp4.dgn\257P L\24-25,36-36A,63