

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36R-1,37R-2	TAZEWELL	449	21
STA 7+663.000 TO STA 9+899.166				
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		

A2001216 TREE, ACER RUBRUM RED SUNSET (RED SUNSET RED MAPLE), 2" CALIPER, BALLED AND BURLAPPED

LOCATION	EACH
SEE SPECIAL PROVISIONS	8

A2003514 TREE, FRAXINUS AMERICANA (AUTUMN PURPLE WHITE ASH), 1 3/4" CALIPER, BALLED AND BURLAPPED

LOCATION	EACH
SEE SPECIAL PROVISIONS	8

A2007114 TREE, QUERCUS RUBRA (RED OAK), 1 3/4" CALIPER, BALLED AND BURLAPPED

LOCATION	EACH
SEE SPECIAL PROVISIONS	7

A2007916 TREE, TILIA AMERICANA REDMOND (REDMOND AMERICAN LINDEN) 2" CALIPER, BALLED AND BURLAPPED

LOCATION	EACH
SEE SPECIAL PROVISIONS	7

K1005431 SEEDLINGS MIXTURE A

LOCATION	UNIT
SEE SPECIAL PROVISIONS	3,4

STONE RIPRAP & FILTER FABRIC

LOCATION	M2810125 STONE RIPRAP CLASS B3 (SQ M)	*4001999 STONE RIPRAP CLASS B4 (SQ M)	*4002000 STONE RIPRAP CLASS B5 (SQ M)	M2820200 FILTER FABRIC (SQ M)
OLD FARMDALE RD				
10+213.463 TO 10+226.656 RT		83		83
7+669.868 TO 7+823.001 RT	1,196			1,196
8+991.067 TO 9+055.067 LT			250	250
9+373.533 TO 9+387.145 RT		68		68
TOTAL QUANTITIES (SQ M)	1,196	151	250	1,597

LANDSCAPING QUANTITIES

LOCATION	M2500210 SEEDING CLASS 2A	M2520110 SODDING SALT TOLERANT
	AREA (HA)	AREA (SQ M)
STA. 7+500 TO STA. 7+650	0.025	0
STA. 7+650 TO STA. 7+825	0.426	0
STA. 7+825 TO STA. 8+000	0.142	301.74
STA. 8+000 TO STA. 8+175	0.035	675.54
STA. 8+175 TO STA. 8+350	0	969.09
STA. 8+350 TO STA. 8+525	0	965.60
STA. 8+525 TO STA. 8+700	0	775.18
STA. 8+700 TO STA. 8+875	0	1,149.91
STA. 8+875 TO STA. 9+050	0.063	1,333.20
STA. 9+050 TO STA. 9+225	0.121	533.01
STA. 9+225 TO STA. 9+400	0.156	563.80
STA. 9+400 TO STA. 9+575	0.099	842.22
STA. 9+575 TO STA. 9+750	0.041	1,815.84
STA. 9+750 TO STA. 9+925	0.063	0
SODDING FOR TEMPORARY DITCHES		362.00
TOTAL QUANTITIES	1.25	10,287

CONVERSION FACTOR =  $\frac{1 \text{ HA}}{10,000 \text{ SQ M}}$

M2113100 TOPSOIL FURNISH AND PLACE, 100MM	22,095	SQ M
M2500400 NITROGEN FERTILIZER NUTRIENT	190	KG
M2500500 PHOSPHORUS FERTILIZER NUTRIENT	190	KG
M2500600 POTASSIUM FERTILIZER NUTRIENT	190	KG
M2011700 SUPPLEMENTAL WATERING	720	UNIT
M2510115 MULCH, METHOD 2	1.25	HA
X2503100 MOWING	75	UNIT

TOPSOIL IS APPLIED WITH ALL SODDING AND SEEDING  
 FERTILIZER IS APPLIED AT RATE OF 70kg/HA SODDING, 100kg/HA SEEDING  
 INITIAL WATERING  $\frac{25 \text{ L}}{50 \text{ M}}$   
 SUPPLEMENTAL WATERING HAS 3 APPLICATIONS  
 SUPPLEMENTAL WATERING (PER. APP.) = 15\*SOD AREA/1000  
 MOWING IS THE NET LENGTH OF THE PROJECT DIVIDED BY 30m

\*M2800250 TEMPORARY EROSION CONTROL SEEDING

STATION	AREA (SQ M)	QTY (KG)
PRESTAGE I		
STA 8+193.810 TO STA 8+258.493 LT	52.00	0.57
STA 8+281.419 TO STA 8+307.349 LT	28.60	0.29
STA. 7+500 TO STA. 7+650	254.81	2.80
STA. 7+650 TO STA. 7+825	4,255.85	46.81
STA. 7+825 TO STA. 8+000	1,721.84	18.94
STA. 8+000 TO STA. 8+175	1,021.54	11.24
STA. 8+175 TO STA. 8+350	1,331.09	14.64
STA. 8+350 TO STA. 8+525	965.60	10.62
STA. 8+525 TO STA. 8+700	775.18	8.53
STA. 8+700 TO STA. 8+875	1,149.91	12.65
STA. 8+875 TO STA. 9+050	1,958.26	21.54
STA. 9+050 TO STA. 9+225	1,738.79	19.13
STA. 9+225 TO STA. 9+400	2,128.19	23.41
STA. 9+400 TO STA. 9+575	1,836.62	20.20
STA. 9+575 TO STA. 9+750	2,227.44	24.50
STA. 9+750 TO STA. 9+900	729.49	8.02
SUBTOTAL	22,175	244
TOTAL QUANTITY (KG)		976

TEMPORARY EROSION CONTROL SEEDING IS PLACED AT A RATE OF 110 kg/HA. 4 APPLICATIONS ARE ASSUMED.

AREA FOR PRESTAGE 1 MEASURED BY LENGTH OF TEMPORARY DITCHES TIMES DISTANCE TO EDGE OF TEMPORARY PAVEMENT.

CONVERSION FACTOR =  $\frac{1 \text{ HA}}{10,000 \text{ SQ M}}$

TEMPORARY DRAINAGE AND EROSION CONTROL

PRE-STAGE 1 LOCATION	*M2140100 GRADING AND SHAPING DITCHES (METER)	*M2520110 SODDING, SALT TOLERANT (SQ M)
8+193.810 TO 8+258.493 LT.	65	259
8+281.419 TO 8+307.349 LT.	26	104
TOTAL QUANTITIES	91	362

SODDING IS PLACED ALONG THE BOTTOM OF THE DITCHES AT A STANDARD WIDTH OF 0.6m AND UP THE SIDES TO A DEPTH OF 0.6m. THE SLOPE OF THE SIDES OF THE DITCH VARIES, BUT IS APPROXIMATELY 3:1. THE TYPICAL WIDTH OF THE SODDING IS THEREFORE 4m. SEE NOT TYPICAL SECTIONS.

M2011000 TEMPORARY FENCE (FOR TREE PROTECTION)

LOCATION	METER
8+200.153	LT. 10
8+207.731	LT. 10
8+214.969	LT. 10
8+200.200	LT. 10
8+359.904	RT. 10
8+934.974	LT. 10
8+398.900	LT. 10
8+611.804	LT. 10
8+648.638	LT. 10
8+717.685	RT. 10
8+798.893	RT. 10
8+860.215	LT. 10
OLD FARMDALE ROAD	
10+288.560	RT. 10
10+296.150	RT. 10
10+297.243	RT. 10
TOTAL QUANTITY (METER)	150

TYPICAL LENGTH OF 10M PER TREE USED.

M2510635 HEAVY DUTY EROSION CONTROL BLANKET

LOCATION	AREA (SQ. M)
7+675.000 TO 7+823.000 RT	2,240
TOTAL QUANTITY (SQ M)	2,240

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 8 - SEGMENT 2 SCHEDULE OF QUANTITIES - 7
NAME	DATE	

SCALE: NTS      DRAWN BY: RDT  
 DATE: DECEMBER, 2003      CHECKED BY: PK