

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SEEDING AND MULCH SCHEDULE													
LOCATION STATION TO STATION		PLAN AREA (1:3 SLOPES & FLATTER)	PLAN AREA (SLOPES STEEPER THAN 1:3)	PLAN AREA x SLOPE FACTOR (1:3 SLOPES & FLATTER)	PLAN AREA x SLOPE FACTOR (SLOPES STEEPER THAN 1:3)	PLAN AREA (1:3 SLOPES & FLATTER)	PLAN AREA (SLOPES STEEPER THAN 1:3)	SEEDING, CLASS 2	NITROGEN (90 LB/ACRE)	PHOSPHORUS (90 LB/ACRE)	POTASSIUM (90 LB/ACRE)	TEMPORARY EROSION CONTROL SEEDING (100 LB/ACRE)	MULCH, METHOD 2
	LT/RT	SQ FT	SQ FT	SQ FT	SQ FT	SQ YD	SQ YD	ACRE	POUND	POUND	POUND	POUND	ACRE
STA. 377+00 TO STA. 379+50	RT	13,500		14,228.84		1,580.98		0.3099	27.89	27.89	27.89	31.00	0.31
	LT	13,500		14,228.84		1,580.98		0.3099	27.89	27.89	27.89	31.00	0.31
STA. 379+50 TO STA. 380+27	RT	1,386	2,695	1,460.83	3,013.01	162.31	334.78	0.094	8.46	8.46	8.46	9.40	0.09
	LT	1,540	3,080	1,623.14	3,443.44	180.35	382.60	0.106	9.54	9.54	9.54	10.60	0.11
BRIDGE	-	-	-	-	-	-	-	-	-	-	-	-	-
STA. 381+52 TO STA. 382+00	RT	576	1,584	607.09	1,770.91	67.45	196.77	0.0495	4.46	4.46	4.46	4.95	0.05
	LT	720	1,680	758.87	1,878.24	84.32	208.69	0.055	4.95	4.95	4.95	5.50	0.06
STA. 382+00 TO STA. 382+50	RT	750	1,650	790.49	1,844.70	87.83	204.97	0.055	4.95	4.95	4.95	5.50	0.06
	LT	700	1,750	737.79	1,956.50	81.98	217.39	0.056	5.04	5.04	5.04	5.60	0.06
STA. 382+50 TO STA. 384+61	RT	9,495		10,007.62		1,111.96		0.2179	19.61	19.61	19.61	21.79	0.22
	LT	10,550		11,119.58		1,235.51		0.242	21.78	21.78	21.78	24.20	0.24
TOTALS		52,717	12,439		13,906		1,545	1.5	135	135	135	150	1.5

TEMPORARY DITCH CHECKS			
LOCATION	OFFSET FT	LT/RT	QUANTITY EACH
STA. 376+43.73	64.11	LT	1
STA. 377+43.73	70.52	LT	1
STA. 378+43.73	77.17	LT	1
STA. 379+43.73	68.70	LT	1
STA. 381+75.26	68.06	LT	1
STA. 382+75.26	73.00	LT	1
STA. 383+75.26	73.28	LT	1
STA. 375+79.09	61.97	RT	1
STA. 376+79.09	61.92	RT	1
STA. 377+79.09	61.62	RT	1
STA. 378+79.09	56.00	RT	1
STA. 379+79.09	47.82	RT	1
TOTAL			12

SUMMARY OF EARTHWORK						FOR INFORMATION ONLY				
DESCRIPTION/LOCATION		STATION TO STATION		LENGTH		EARTH EX. VOLUME	EARTH EX. ADJUSTED FOR SHRINKAGE	EMBANKMENT VOLUME	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (FURNISHED EX.)	CHANNEL EXCAVATION
						CU YD	CU YD	CU YD	CU YD	CU YD
US 24										
BEGINNING TO START OF BRIDGE		STA. 377+00	TO STA. 380+27	327	FT	1763	1322	173	1149	
START OF BRIDGE TO END OF BRIDGE		STA. 380+27	TO STA. 381+52	125	FT					950
END OF BRIDGE TO END		STA. 381+52	TO STA. 384+61	309	FT	987	740	83	657	
TOTAL						2750	2062	256	1806	950

NOTE: A SHRINKAGE FACTOR OF 25% WAS USED TO CALCULATE QUANTITIES OF WASTE MATERIAL.

TOPSOIL FURNISH AND PLACEMENT, 4"		
LOCATION STATION TO STATION	LENGTH	TOPSOIL PLACEMENT VOLUME
	FT	SQ YD
STA. 377+00 TO STA. 380+27	327	4243
STA. 380+52 TO STA. 384+61	409	2996
TOTAL		7239

TREE REMOVAL (6 TO 15 UNITS DIAMETER)			
LOCATION	OFFSET FT	LT/RT	QUANTITY UNIT
380+02.96	87.12	LT	14
380+09.86	78.21	LT	10
380+03.60	69.45	LT	10
380+28.72	74.58	LT	12
380+33.72	77.46	LT	7 & 6 & 6
380+33.67	73.31	LT	9 & 11
380+87.80	82.26	LT	8
380+96.55	82.91	LT	6
380+92.30	70.48	LT	8
380+99.57	73.08	LT	9
381+02.24	70.11	LT	6
381+06.34	69.77	LT	10
381+25.52	75.70	LT	10
381+26.83	78.73	LT	10
379+24.09	62.61	RT	8
379+70.80	63.31	RT	7
379+89.47	61.36	RT	14
379+90.46	61.50	RT	7
379+93.93	62.93	RT	8
380+57.82	62.11	RT	12
380+74.42	57.82	RT	13
TOTAL			221

TREE REMOVAL (OVER 15 UNITS DIAMETER)			
LOCATION	OFFSET FT	LT/RT	QUANTITY UNIT
STA. 380+03.60	69.45	LT	17
TOTAL			17

INLET AND PIPE PROTECTION		
LOCATION	OFFSET FT	EACH
STA. 382+98.35	60.93 RT	1
STA. 383+81.52	52.07 RT	1
TOTAL		2

PERIMETER EROSION BARRIER		
LOCATION STATION TO STATION	LT/RT	QUANTITY FOOT
STA. 377+00 TO 384+80		292
TOTAL		292

TREE WHIP MIXTURE		
LOCATION STATION TO STATION	LT/RT	QUANTITY EACH
STA. 380+35 TO STA. 380+60	70' RT	11
STA. 381+85 TO STA. 382+35	70' RT	24
STA. 382+75 TO STA. 383+55	85' LT	37
TOTAL		72

PERMANENT SURVEY MARKERS, TYPE 1	
LOCATION	QUANTITY EACH
CONTRACTOR TO SET BENCHMARK TABLET ON WINGWALL OF NEW STRUCTURE AND SEND THAT BENCHMARK INFORMATION TO THE DISTRICT SURVEY UNIT	1
TOTAL	1

ENGINEER'S FIELD OFFICE, TYPE A	
LOCATION	QUANTITY CAL MO
ENTIRE SITE	8
TOTAL	8

CONSTRUCTION LAYOUT	
LOCATION	QUANTITY L SUM
ENTIRE SITE	1
TOTAL	1

EROSION CONTROL BLANKET		EROSION CONTROL BLANKET
STATION TO STATION	LT/RT	SQ YD
STA. 379+50 TO STA. 380+27	RT	335
	LT	383
BRIDGE	-	-
STA. 381+52 TO STA. 382+00	RT	197
	LT	209
STA. 382+00 TO STA. 382+50	RT	205
	LT	217
TOTALS		1546

TRAFFIC CONTROL AND PROTECTION		QUANTITY EACH	QUANTITY L SUM
LOCATION/DESCRIPTION			
STANDARD 701321		1	1
STANDARD 701306			
TOTAL			

MOBILIZATION		QUANTITY L SUM
LOCATION/DESCRIPTION		
STA. 377+00 TO STA. 384+50		1
TOTAL		1

TEMPORARY BRIDGE TRAFFIC SIGNALS (SPECIAL)		QUANTITY EACH
LOCATION		
ENTIRE PROJECT		1
TOTAL		1

RELOCATE SIGN PANEL, TYPE I		
LOCATION	LT/RT	QUANTITY SQ FT
STA. 380+25.31	RT	6
STA. 381+88.15	LT	8
STA. 383+78.73	LT	5
TOTAL		19

RELOCATE SIGN PANEL ASSEMBLY, TYPE A		
LOCATION	LT/RT	QUANTITY EACH
STA. 379+01.13	RT	1
TOTAL		1

CHANGEABLE MESSAGE SIGN	
LOCATION	QUANTITY CAL DAY
ENTIRE PROJECT	28
TOTAL	28

FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS			
LOCATION	OFFSET FT	LT/RT	QUANTITY EACH
STA. 376+00.00	75.00	RT	1
STA. 384+64.04	90.00	LT	1
STA. 385+00.00	70.36	RT	1
TOTAL			3

REMOVE EXISTING CULVERTS			
LOCATION	OFFSET FT	LT/RT	QUANTITY FOOT
STA. 383+47.69	54.25	RT	63
TOTAL			63

PIPE CULVERTS, CLASS D, TYPE 2, 15"		QUANTITY FOOT
LOCATION		
STA. 383+12.82/59.41' RT TO STA. 383+86.92/51.54' RT		75
TOTAL		75

END SECTIONS, 15"			
LOCATION	OFFSET FT	LT/RT	QUANTITY FOOT
STA. 383+12.85	59.41	RT	1
STA. 383+86.92	51.54	RT	1
TOTAL			2

FILE NAME = 5-6 Schedule of Quantities.dgn

USER NAME =

DESIGNED - GWM

REVISED -

DRAWN - ALP

REVISED -

CHECKED - DEA/ENC

REVISED -

PLOT DATE = 07/28/09

DATE - 07/28/09

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: _____

SHEET NO. ____ OF ____ SHEETS

STA. ____ TO STA. ____

F.A.D.
RTE.
6658

SECTION
(2C-15D-BR) BR

COUNTY
PEORIA

TOTAL
SHEETS
49

SHEET
NO.
5

CONTRACT NO. 68478

ILL0018 PRG. AND PROJECT