

TREE REMOVAL (6 TO 15 UNITS DIAMETER) (20100110)			
LOCATION			UNIT
LOCATION	STATION	L/R	
I-80	639+90	RT	10
I-80	660+80	RT	8
I-80	657+05	LT	6
I-80	657+05	LT	6
I-80	716+10	LT	6
I-80	716+10	LT	6
RAMP AD	25+15	LT	8
RAMP AD	20+05	RT	8
RAMP AD	19+85	RT	8
RAMP BD	27+70	RT	8
RAMP BD	27+82	RT	8
TOTAL			82

TEMPORARY CONCRETE BARRIER (INSTALL ONLY) (X0325444)		
LOCATION (US 30)		FOOT
STATION	STATION	
315+82	317+95	212.5
TOTAL		212.5

REMOVE TEMPORARY CONCRETE BARRIER STATE OWNED (X0321750)		
LOCATION (US 30)		FOOT
STATION	STATION	
313+58	315+82	224
TOTAL		224

TREE REMOVAL (OVER 15 UNITS DIAMETER) (20100210)			
LOCATION			UNIT
LOCATION	STATION	L/R	
I-80	643+65	LT	16
I-80	643+65	LT	16
TOTAL			32

STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS (63000001)		
LOCATION (FRONTAGE ROAD)		FOOT
STATION	STATION	
33+95	35+57	162.5
TOTAL		162.5

TRAFFIC BARRIER TERMINAL, TYPE I (SPECIAL) TANGENT (63100167)		
LOCATION		EACH
STATION	LOCATION	
33+45	FRONTAGE RD.	1
36+07	FRONTAGE RD.	1
TOTAL		2

GUARDRAIL REMOVAL (63200310)		
LOCATION (FRONTAGE ROAD)		FOOT
STATION	STATION	
33+45	34+32	88
LOCATION (US 30)		FOOT
STATION	STATION	
314+67	315+35	68
315+90	316+75	85
TOTAL		241

IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3 (64300260)		
LOCATION (US 30)		EACH
STATION	STATION	
317+95		1
TOTAL		1

SELECTIVE CLEARING (Z0064800)				
LOCATION				UNIT
LOCATION	STATION	STATION	LT / RT	
I-80	643+50		LT	1.3
I-80	647+25		RT	0.5
I-80	654+00		RT	3.8
I-80	654+25	658+00	RT	7.5
I-80	655+00	657+25	LT	4.5
I-80	658+00	659+00	LT	2.0
I-80	659+00	663+00	RT	8.0
I-80	660+80		RT	1.5
WEST INFIELD				3.0
EAST INFIELD				2.0
I-80	671+00		LT	5.0
I-80	675+50		LT	1.2
I-80	675+50		RT	2.5
I-80	677+50		LT	10.0
I-80	677+50		RT	3.0
I-80	678+50		LT	2.5
I-80	679+50		RT	1.0
I-80	679+75		LT	5.0
I-80	708+00		LT	5.0
I-80	710+00		LT	1.5
RAMP AD	16+50	20+25	RT	7.5
RAMP AD	25+00	25+50	RT	0.8
RAMP AD	19+75	20+25	RT	0.6
RAMP AD	19+75	20+25	RT	0.6
RAMP AD	19+75	20+25	RT	0.1
US 30	304+50	307+00	RT	5.0
TOTAL				85

HIGH MAST LIGHT TOWER IDENTIFICATION	HIGH MAST TOWER LOCATION			VOLUME CALCULATIONS (CU YD)					
	STATION	ALIGNMENT	OFFSET (FT)	EARTH EXCAVATION (20200100)	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (20201200)	ROCK EXCAVATION (20200200)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
AB2	640+00.00	F.A.I. 80	RT 100	5.8	4.9	15.0	0.0	9.8	-4.9
EF2	643+50.00	F.A.I. 80	LT 100	29.5	25.1	24.0	0.0	13.5	11.5
AB1	647+25.00	F.A.I. 80	RT 115	376.6	320.1	105.0	0.0	1.6	318.5
EF1	650+50.00	F.A.I. 80	LT 110	150.2	127.6	69.0	0.0	0.5	127.2
CD4	654+00.00	F.A.I. 80	RT 115	83.6	71.1	29.0	0.0	7.1	64.0
GH3	657+10.00	F.A.I. 80	LT 103.5	84.5	71.8	34.0	170.1	5.8	66.1
CD3	660+80.00	F.A.I. 80	RT 120	137.1	116.5	55.0	403.0	0.0	116.5
GH2	664+00.00	F.A.I. 80	LT 125	0.0	0.0	8.0	8.9	0.0	0.0
CD2	667+00.00	F.A.I. 80	RT 100	5.8	5.0	24.0	0.0	5.6	-0.7
GH1	669+00.00	F.A.I. 80	LT 140	0.1	0.1	33.0	0.2	28.0	-27.9
CD1	671+30.00	F.A.I. 80	RT 130	0.0	0.0	40.0	0.0	88.8	-88.8
IJ1	671+69.00	F.A.I. 80	LT 94	0.0	0.0	18.0	0.0	36.6	-36.6
MN1	675+50.00	F.A.I. 80	RT 115	0.0	0.0	8.0	0.0	0.0	0.0
KL1	678+50.00	F.A.I. 80	LT 88	0.0	0.0	70.0	0.0	731.9	-731.9
MN2	707+00.00	F.A.I. 80	RT 83	0.0	0.0	23.0	0.0	37.2	-37.2
KL2	710+00.00	F.A.I. 80	LT 83	0.0	0.0	22.0	0.0	89.3	-89.3
KL3	713+65.00	F.A.I. 80	LT 79.1	0.0	0.0	22.0	0.0	39.2	-39.2
IJ3	20+00.00	RAMP AD	RT 60	0.0	0.0	20.0	0.0	14.2	-14.2
OR2	34+50.00	RAMP CB	RT 55	41.8	35.5	27.0	0.0	0.9	34.6
OR1	21+50.00	RAMP BD	RT 53.3	5.0	4.3	22.0	0.0	10.1	-5.8
IJ4	304+50.00	US 30	RT 80	40.0	34.0	18.0	0.0	0.2	33.8
IJ2	308+85.00	US 30	RT 120	120.9	102.8	95.0	55.4	0.0	102.8

SUMMARY						
20200100	20201200	20200200				20400800
EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	ROCK EXCAVATION	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	FURNISHED EXCAVATION
(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
1081	919	781	638	1120	-201	201

ROCK EXCAVATION (20200200)			
LOCATION			CU YD
LOCATION	STATION	LENGTH	
TOTAL FROM EARTHWORK SCHEDULE			638
I-80 (LT)	655+00 to 667+00	1200	1600
I-80 (RT)	655+00 to 667+00	1200	1600
RAMP AD/DA	16+50 (AD)	200	37
RAMP CB	28+70	100	20
RAMP CB	30+50	150	30
RAMP CB	34+50	200	75
TOTAL			4000

N:\SPD\1\0602384\2010\High\_Mast\_Lighting\Design\Proposed\_Plan\3084\_5\_1059\_High\_Mast+G+Schlegel.dwg



ENGINEERING CONSULTANT	USER NAME = jvandre	DESIGNED - RJR	REVISED - 4/5/12 JMV
		DRAWN - RJR	REVISED -
	PLOT SCALE = 2.0000 / IN.	CHECKED - JMV	REVISED -
	PLOT DATE = 4/5/2012	DATE - 02-14-2012	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.I. ROUTE 80 AT U.S. ROUTE 30 LIGHTING  
SCHEDULE OF QUANTITIES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2011-046-L	WILL	106	9
CONTRACT NO. 60P56			ILLINOIS FED. AID PROJECT	