-	RTE. SECTION				TAUC	Y	TOTAL	SHEET NO.
	8979	79 09-00017-01-PV MADISON				SON	34	2
	STA.	N.A.	T	0 5	TA.	N.A	•	
	FED. RC	ILLING	15	FED.	AID	PROJEC	•	

CONTRACT	NO.	9747

	****		SUMMARY OF QUANTITIES		
SPECIALTY ITEM	SPECIAL PROVISION	ITEM NUMBER	ITEM DESCRIPTION	UNIT	TOTAL
	•	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	120
	•	20200100	EARTH EXCAVATION	CU YD	1809
	•	20800150	TRENCH BACKFILL	CU YD	789
		25000200	SEEDING, CLASS 2	ACRE	0.67
		25000400	NITROGEN FERTILIZER NUTRIENT	POUND	60 60
		25000500 25000600	PHOSPHORUS FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT	POUND	60
		25100115	MULCH, METHOD 2	ACRE	0.67
		25100113	EROSION CONTROL BLANKET	SO YD	3217
		28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	67
		28000305	TEMPORARY DITCH CHECKS	FOOT	72
		28000400	PERIMETER EROSION BARRIER	FOOT	857
.,		28000500	INLET AND PIPE PROTECTION	EACH	31
		28100105	STONE RIPRAP, CLASS A3	SQ YD	23
		28200200	FILTER FABRIC	SO YD	23
		30200650	PROCESSING MODIFIED SOIL 12"	SO YD	5726
		30201500	LIME	TON	169
		40200700	AGGREGATE SURFACE COURSE, TYPE A 8"	SO YD	11
		40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	100 4790
		42000201	PORTLAND CEMENT CONCRETE PAVEMENT 7" (JOINTED)	50 YD	
	1	42001200	PAVEMENT FABRIC PROTECTIVE COAT	SQ YD	236 5726
		42001300 42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SO YD	165
	 	42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, B INCH	SQ YD	42
	ł	42400100	PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH	SQ FT	11347
		42400800	DETECTABLE WARNINGS	SQ FT	48
	l	44000100	PAVEMENT REMOVAL	SO YD	799
		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	82
		50105220	PIPE CULVERT REMOVAL	FOOT	50
		54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1
		54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	11
		542A5491	PIPE CULVERTS, CLASS A. TYPE 1, EQUIVALENT ROUND-SIZE 36"	FOOT	61
		55080050	STORM SEWERS, CLASS B, TYPE 1 12"	FOOT	192
		55080120	STORM SEWERS, CLASS B, TYPE 1 24"	FOOT	92
		550B0160	STORM SEWERS, CLASS B, TYPE 1 36"	FOOT	55
emery .		550B0430	STORM SEWERS, CLASS B, TYPE 2 30"	FOOT	1285 375
		550B0450	STORM SEWERS, CLASS B, TYPE 2 36"	FOOT FOOT	384
	ļ	55101200	STORM SEWER REMOVAL 24"	EACH	3
		60219540	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3V FRAME AND GRATE	EACH	3
		60219570		EACH	i
	ļ	60221100 60222240	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	2
	ļ	60222240	INLETS, TYPE A, TYPE 8 GRATE	EACH	2
	ļ	60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	6
		60240328	INLETS, TYPE B. TYPE 24 FRAME AND GRATE	EACH	ī
	 	60255500	MANHOLES TO BE ADJUSTED	EACH	i
	!	60256940	MANHOLES TO BE ADJUSTED WITH NEW TYPE 24 FRAME AND GRATE	EACH	4
	 	60500060	REMOVING INLETS	EACH	ı
	l	60600095	CLASS SI CONCRETE (QUTLET)	CU YD	3
	1	60600605	CONCRETE CURB, TYPE 8	FOOT	51
		60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	3244
		67100100	MOBILIZATION	L SUM	1
		70300100	SHORT-TERM PAVEMENT MARKING	FOOT	147
		70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	3199
	 	70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	380 91
		70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	
		70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1495 41
		72000100 72800100	SIGN PANEL - TYPE 1 TELESCOPING STEEL SIGN SUPPORT	FOOT	84
Δ	 	78008210	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4"	FOOT	3199
Δ Δ		78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	380
Δ Δ	·	78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	91
o	ļ	Z0013798	CONSTRUCTION LAYOUT	L SUM	i
	 	Z0017400	DRAINAGE AND UTILITY STRUCTURES TO BE ADJUSTED	EACH	8
		Z0022800	FENCE REMOVAL	FOOT	221
~~~	<del> </del>	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	115
	<del> </del>	Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	55
		X6020074	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	EACH	3
		X6020075	INLETS, TYPE B, TYPE 3V FRAME AND GRATE	EACH	2
	, .				
	<b></b>	X6022930 X7010216	MANHOLES, TYPE A, 5'-DIAMETER, WITH SPECIAL FRAME AND GRATE TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	EACH L SUM	2

## GENERAL NOTES

I. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATION. THE JULLIE. NUMBER IS 1-800-892-0123.

THE LOCATION OF ALL UTILITIES ARE BASED ON INFORMATION PROVIDED BY OTHERS AND ARE INTENDED TO BE APPROXIMATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE HIS CONSTRUCTION ACTIVITIES WITH THE VARIOUS UTILITY OWNERS. ALL POTENTIAL CONFLICTS SHALL BE INVESTIGATED AND REMEDIAL ACTION TAKEN PRIOR TO INTERRUPTION OF THE

ALL UTILITY FACILITIES THAT REQUIRE RELOCATION WITHIN CITY R.O.W. SHALL BE COMPLETED BY THE UTILITY COMPANY UNLESS OTHERWISE SHOWN ON THE PLANS.

- 2. IN ADDITION TO FIELD SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
- ALL STATION AND OFFSET REFERENCES ARE TO THE ROADWAY CENTERLINE UNLESS OTHERWISE NOTED. THE STATE PLANE COORDINATE SYSTEM HAS BEEN USED FOR THE HORIZONTAL CONTROL.
- 4. ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON U.S.G.S. MEAN SEA LEVEL DATUM.
- 5. GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION BE SUCH AS TO PRESERVE IN THE ORIGINAL STATE AS MUCH AREA OF TEMPORARY EASEMENTS AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE DIRECTED BY THE REMINER, THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 6. SEEDING SHALL BE DONE ON ALL AREAS THAT ARE DISTURBED BY CONSTRUCTION OPERATIONS AS DIRECTED BY THE ENGINEER, SEEDING SHALL BE PAID FOR ONLY WITHIN THE PROPOSED RIGHT-OF-WAY OR EASEMENT LIMITS. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED. AS DIRECTED BY THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.
- FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES;

LIME 6,0% (59 LBS OF LIME/
SOL (DRY DENSITY) 110 LBS./CU. FT.
ALL AGGREGATE 2.05 TONS/CU. YD.
RIPRAP 1.50 TONS/CU. YD.
SEEDING FERTILIZER RATIO (NIT:PHOS:POT) 90:90:90 LBS./AC.
MULCH 2.00 TONS/AC.
TEMPORARY EROSION CONTROL SEEDING 100 LBS./ACRE

- 8. ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES.
  AN ESTIMATED QUANTITY OF 100 TONS OF AGGREGATE FOR TEMPORARY
  ACCESS HAS BEEN INCLUDED IN THE PLANS FOR THIS WORK. THE
  QUANTITY SHALL BE USED AS DIRECTED BY THE ENGINEER FOR
  MAINTAINING ACCESS.
- FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.
- 10. STORM SEWER (WATER MAIN REQUIREMENTS) IS TO BE USED AT LOCATIONS WHERE LATERAL SEPARATION BETWEEN THE SEWER AND WATER MAIN IS LESS THAN 10 FT. AND THE WATER MAIN INVERT IS LESS THAN 1.5 FT. ABOVE THE STORM SEWER CROWN.
- 11. STORM SEWER (WATER MAIN REQUIREMENTS) IS TO BE USED AT LOCATIONS WHERE THE WATER MAIN CROSSES BELOW THE SEWER. REGARDLESS OF VERTICAL SEPARATION OR WHERE THE BOTTOM OF THE WATER MAIN IS LESS THAN 1.5 FT. ABOVE THE TOP OF THE SEWER.
- 12. TRENCH BACKFILL REQUIRED FOR STORM SEWER SHALL ONLY BE PLACED UP TO ONE FOOT BELOW THE FINAL GRADE IN AREAS HAVING A PROPOSED GRASS OR SOD SURFACE.
- 13. ONLY THOSE TREES LISTED IN THE TREE REMOVAL SCHEDULE AND SHOWN IN THE REMOVAL PLAN SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES, PLANTS, AND WETLANDS FROM DAMAGE, ALL TREES AND STUMPS INDICATED ON THE PLANS FOR REMOVAL SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
- 14. IF ASH TREES ARE REMOVED ON THE PROJECT, THE CONTRACTOR SHALL BECOME FAMILIAR WITH AND COMPLY WITH MEASURES SPECIFIED BY THE ILLINOIS DEPARTMENT OF AGRICULTURE (IDDA) TO PREVENT THE SPREAD OF THE EMERALD ASH BORGE, THE IDDA INFORMATION FOR ASH TREE REMOVAL CAN BE FOUND ON THE IDDA WEBSITE AT WWW.AGR.STATE.IL.US/EAB.
- ALL OPENINGS IN PRECAST STRUCTURES SHALL BE PRECAST TO THE PROPER SIZE, COSTS FOR THESE OPENINGS AND THE CONNECTIONS SHALL BE CONSIDERED INCLUDED IN THE VARIOUS PAY ITEM FOR THE STRUCTURES INVOLVED.
- 16. MODIFICATIONS REQUIRED TO EXISTING INLETS OR MANHOLES IN ORDER TO CONNECT PROPOSED STORM SEWER PIPE SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.
- 17. THE COST OF SEALING THE JOINT BETWEEN PROPOSED STORM SEWER AND EXISTING STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.
- 18. THE CONTRACTOR SHALL OBSERVE ALL CONDITIONS OF ARTICLE 105.08
  OF THE STANDARD SPECIFICATIONS IN THE CASE WHEN OTHER
  CONSTRUCTION WILL BE OCCURRING SIMULTANEOUSLY AND IN CLOSE
  PROXIMITY WITH THIS PROJECT. THE CONTRACTOR SHALL BE AWARE
  THAT DUE TO UNFORESEEN CIRCUMSTANCES A REVISION IN THE
  SUGGESTED SEQUENCE OF CONSTRUCTION MAY BE REQUIRED AND NO
  ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY COSTS INCURRED.
- 19. THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH THE PROVISIONS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (MPDES) STORN WATER PERMIT AND IMPLEMENT THE EROSION CONTROL PLAN INCLUDED IN THESE PLANS AND SPECIFIED HEREIN. AS SPECIFIED IN ARTICLE 107.23, THE ENGINEER MUST GIVE PRIOR APPROVAL BEFORE DISTURBANCE OF ANY AREA CAN BEGIN.
- 20. THE CONTRACTOR SHALL OBSERVE ALL CONDITIONS OF ARTICLE 105.08 OF THE STANDARD SPECIFICATIONS IN THE CASE WHEN OTHER CONSTRUCTION WILL BE OCCURRING SIMULTANEOUSLY AND IN CLOSE PROXIMITY WITH THIS PROJECT. THE CONTRACTOR SHALL BE AWARE THAT DUE TO UNFORESEEN CIRCUMSTANCES A REVISION IN THE SUGGESTED SEQUENCE OF CONSTRUCTION MAY BE REQUIRED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY COSTS INCURRED.

## COMMITMENTS

1. EXISTING TREES LOCATED AT STA. 32+56.44, 23.94' RT. AND AT STA. 32+83.72, 25.72 RT. ARE NOT TO BE REMOVED.

REVISIONS
ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND
SUMMARY OF QUANTITIES

SCALE: N.A. DRAWN BY RJM, AJK

DATE 8/19/2011

DATE NAME NAME

GENERAL NOTES AND SUMMARY OF QUANTITIES

CHECKED BY JWB