CONTRACT	97364
TOTAL	CHEET

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8894	05-00073-01-PV	MADISON	68	2
STA.	N.A.	TO STA.	N.A.	
FED. RO	AD DIST, NO. ILLIN	DIS FEDERAL	AID PRO	OJECT

ITEM		Γ	T ===:	T	T
NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY	FEDERAL SHARE	CITY
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	2263	2263	
72000100	SIGN PANEL - TYPE 1	SQ FT	120	120	
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	299	299	
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	5753	5753	
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	294	294	
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	122	122	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
Z0022800	FENCE REMOVAL	FOOT	817	817	
XX000679	CUT AND CAP EXISTING WATER MAIN		2		2
XX002154	MANHOLE, TYPE A, 4'-DIAMETER, TYPE 3V FRAME AND GRATE	EACH	1	1	
XX 91300	SLOTTED DRAIN	FOOT	22	22	<b></b>
XX003037	DUCTILE IRON FITTINGS AND ACCESSORIES	POLIND	1045		1045
XX004065	LINE STOP 8"	EACH	1		1
XX004360	SANITARY SEWER BYPASS PUMPING	L SUM	1		1
XX004706	CONNECT TO EXISTING WATER MAIN 6"		1		1
XX004971	LINE STOP 6"		1		1
XX00665.	FENCE (SPECIAL)			688	<u> </u>
X0322033	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH				
X0322923	SEGMENTAL CONCRETE BLOCK WALL				
X0324440	CONNECT TO EXISTING WATER MAIN 8"			2000	1
X5012610				4	
X6020074					
X6020075					
xx007805					
				10	1
					3
					1
					<u>1</u>
					1610
					647
					301
					2
					1
XVANDO14	FORCE MAIN RYPASS PHARTING	LACH	- 2		2
	72000100 72800100 72800100 78000200 78000200 78000400 78000600 20013798 20022800 XX0002154 XX002154 XX004736 XX004706 XX004713 XX004713 XX004713	TO301000   WORK ZONE PAVEMENT MARKING REMOVAL   T2000100   SIGN PANEL - TYPE 1   T2000100   TELESCOPING STEEL SIGN SUPPORT   T8000200   THERMOPLASTIC PAVEMENT MARKING - LINE 4"   T8000400   THERMOPLASTIC PAVEMENT MARKING - LINE 6"   T8000400   THERMOPLASTIC PAVEMENT MARKING - LINE 12"   Z0013798   CONSTRUCTION LAYOUT   Z0022800   FENCE REMOVAL   Z0022800   FENCE REMOVAL   Z0022800   SENDER PAVEMENT WARKING - LINE 12"   Z0022800   FENCE REMOVAL   ZX000679   CUT AND CAP EXISTING WATER MAIN   XX002154   MANHOLE, TYPE A, 4"-DIAMETER, TYPE 3V FRAME AND GRATE   XX003037   DUCTILE IRON FITTINGS AND ACCESSORIES   XX004065   LINE STOP 8"   XX004360   SANITARY SEWER BYPASS PUMPING   XX004706   CONNECT TO EXISTING WATER MAIN 6"   XX004971   LINE STOP 6"   XX004961   LINE STOP 6"   XX004965   FENCE SPECIAL)   XX022933   STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH   XX0322923   SEGMENTAL CONGRETE BLOCK WALL   X3224440   CONNECT TO EXISTING WATER MAIN 8"   X5012610   CONCRETE HEADWALL REMOVAL PARTIAL   X6020074   INLETS, TYPE A, TYPE 3V FRAME AND GRATE   XX007805   REINFORCED CONCRETE PIPE TEE, 78" PIPE WITH 30" RISER   XX007805   REINFORCED CONCRETE PIPE TEE, 78" PIPE WITH 30" RISER   XX007806   PIPE LBOW, 6"   XX007806   FIRE #YDRANTS TO BE ADJUSTED   XX007808   HYDRANT GATE VALVE #ND BOX, 6"   XX007808   HYDRANT GATE VALVE #ND BOX, 6"   XX007808   HYDRANT GATE VALVE AND ACCESSORIES   XX007809   CORPORATION STOP AND HOUSE SERVICE CONNECTION, 34"   XX007806   SANITARY SEWER MANHOLE AND LID   XX007812   SET OVER SANITARY SEWER MANHOLE AND LID   XX007812   SET OVER SANITARY SEWER MANHOLE AND LID   XX007813   SANITARY SEWER MANHOLE	70301000	TOSO1000   WORK ZONE PAVEMENT MARKING REMOVAL   SQ FT   120	TOSO1000   WORK ZONE PAVEMENT MARKING REMOVAL   SO FT   2263   2263   72000100   SIGN PANEL - TYPE 1   SO FT   120

FORCE MAIN BYPASS PUMPING

L SUM

1

A SPECIALTY ITEMS

D XX007814

## GENERAL NOTES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATION. THE JULLILE. 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 CONTRACTORS DEPOSES.

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

- 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. SLICH 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.
- ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON U.S.G.S. MEAN SEA LEVEL DATUM.
- ANY REFERENCE WITHIN THESE PLANS TO A STANDARD SHALL BE INTERPRETED TO MEAN THE EDITION INDICATED BY THE SUB-NUMBER LISTED ON THE PREVIOUS SHEET OR THE COPY THAN UNDER THE THE COPY THAN UNDER THE THE COPY THAN UNDER THE T INCLUDED IN THESE PLANS.
- 6. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS BITUMINOUS LIFTS.
- GRADING SHALL BE DONE BY HAND AROUND LICHT 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 ENGINEER. 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.
- 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 LI 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:

HOT-MIX ASPHALT BASE COURSE HOT-MIX ASPHALT BINDER COURSE HOT-MIX ASPHALT SURFACE COURSE LIME

SOIL (DRY DENSITY) ALL AGGREGATE BITUMINOUS MATERIALS: - ON PAVEMENT - ON AGGREGATE SURFACE

SEEDING FERTILIZER RATIO (NIT:PHOS:POT AGRICULTURAL GROUND LIMESTONE TEMPORARY EROSION CONTROL SEEDING

0.1 GAL/SQ. YD. 0.5 GAL/SQ. YD. 1.50 TONS/CU. YD. 90:90:90 LBS./AC. 2.00 TONS/AC. 2.00 TONS/AC. 100 LBS./ACRE

112 LBS./SQ. YD.-IN. 112 LBS./SQ. YD.-IN. 112 LBS./SQ. YD.-IN. 6.0% (59 LBS OF LIME/

SQ. YD. OF SUBGRADE

2.05 TONS/CU. YD.

- ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES. AN ESTIMATED QUANTITY OF 237 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 11.
- 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.
- STORM SEWER (WATER MAIN REQUIREMENTS) IS TO BE USED AT LOCATIONS WHERE THE WATER MAIN CROSSES BELOW THE SEWER, RECARRLESS OF VERTICAL SEPARATION OR WHERE THE BOTTOM OF THE WATER MAIN IS LESS THAN 1.5 FT. ABOVE THE TOP OF THE SEWER. 13.
- 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. 14.
- 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 WETLIANDS FROM DAMAGE, ALL TREES AND STUMPS INDICATED ON THE PLANS FOR REMOVAL SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
- BEFORE ORDERING PIPE CULVERTS, PIPE DRAINS OR MANHOLES, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR EXACT LENGTHS.
- 17. 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.
- 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. 18.
- THE COST OF SEALING THE JOINT BETWEEN PROPOSED STORM SEWER AND EXISTING STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER. 19.
- 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 CIRCUMSTRUCKES A REVISION IN THE SUGGESTED SEQUENCE OF CONSTRUCTION MAY BE REQUIRED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY COSTS INCURRED. 20.
- THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH THE PROVISIONS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (MPDES) STORM WATER PERNIT AND IMPLEMENT THE EROSION CONTROL PLAN INCLUDED IN THESE PLANS AND SPECIFIED HEREIN, AS SPECIFIED IN ARTICLE 107.23, THE ENGINEER MUST CIVE PRIOR APPROVAL BEFORE DISTURBANCE OF ANY AREA CAN BEGIN. 21.
- A QUANTITY FOR TEMPORARY RAMPS HAS BEEN INCLUDED TO BE USED AS DIRECTED BY THE ENGINEER IF THE ROADWAYS ARE OPENED TO TRAFFIC PRIOR TO THE PLACEMENT OF THE HIMA SURFACE COURSE. THE TEMPORARY RAMPS SHALL BE PLACED, MEASURED AND PAID FOR ACCORDING TO SECTION 40G OF THE STANDARD SPECIFICATIONS.
- THE HMA SURFACE COURSE SHALL BE COMPLETED IN ONE PHASE AT THE END OF THE PROJECT FOR ALL STAGES OF CONSTRUCTION. 23.
- SOIL BORINGS HAVE BEEN TAKEN ALONG GERBER ROAD FOR USE IN THE RETAINING WALL DESIGNS ON THIS PROJECT, A COPY OF THE PRELIMINARY GEOTECHNICAL REPORT IS INCLUDED WITH THE CONTRACT 24.

REVISIONS ILLINOIS DEPARTMENT OF TRANSPORTATION GENERAL NOTES AND SUMMARY OF QUANTITIES SCALE: N.T.S. DRAWN BY AJK, RJM DATE 10/29/03 CHECKED BY REB

GENERAL NOTES AND SUMMARY OF QUANTITIES

	9202			*
	413		1	•
	237			•
	742			
	15			•
	1			•
	87			•
	51			
	7112			
	1670			
	11925			. X1,
	60			
	5327			
	507			•
	16		·	
	123			
	95		-	
	504			
	146			
	1			
	4			
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	59			
	84			
	41			
	947			
	165			
	82			
		82		
		666		
	5			
	1			
	2			
	18			
	1			
_	9			
	7			
	1			
	3			
	5182			
	2.0			

FEDERAL CITY SHARE SHARE

99

206

0.06

26

30

4378

224

1195

1399

1.15

103

103

103

2.3

1.15

5521

115

3336

46

178

7

9202

181

575

QUANTITY

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206

0.06

26

30

4378

224

1195

1974

1.15

103

103

103

2.3

1.15

5521

115

3336

46

178

7

9202

181

9202

413

237

742

15

87

51

7112

1670

11925

60

5327

507

16

123

95

504

146

83

59

84

41

947

165

82

82

666

5

2

18

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7

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5182

2.0

54

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122

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20400800

20800150

25000200

25000400

25000500

25000600

25000700

25100115

25100630

2800025

2800040

2800050

28100105

28100109

2820020

30200350

30201500

31100300

31100700

4020100

40600100

40600300

1060089

4060099

40603315

40701821

42300200

42400100

42400800

44000100

4000200

44000300

44000500

44000600

50105220

54201333

54213660

54213723

550A036

550A043

550B0050

550B0320

550B034

550B0360

55100500

56100600

56100700

60219540

60222240

60236200

60237470

6024030

60240328

60255500

60257900

60500060

60605000

61100605

63200310

67100100

70101700

70300100

70300220

70300240

70300260

\* A

ITEM DESCRIPTION

TREE REMOVAL (6 TO 15 UNITS DIAMETER)

TREE REMOVAL (OVER 15 UNITS DIAMETER)

TREE REMOVAL, ACRES

TREE PRUNING (1 TO 10 INCH DIAMETER)

TREE PRUNING (OVER 10 INCH DIAMETER)

EARTH EXCAVATION

CHANNEL EXCAVATION

FURNISHED EXCAVATION

TRENCH BACKFILL

SEEDING, CLASS 2

NITROGEN FERTILIZER NUTRIENT

PHOSPHORUS FERTILIZER NUTRIENT

POTASSIUM FERTILIZER NUTRIENT

AGRICULTURAL GROUND LIMESTONE

MULCH, METHOD 2

EROSION CONTROL BLANKET

TEMPORARY EROSION CONTROL SEEDING

PERIMETER EROSION BARRIER

INLET AND PIPE PROTECTION

STONE RIPRAP, CLASS A3

STONE RIPRAP, CLASS A5

FILTER FABRIC

PROCESSING MODIFIED SOIL 8"

SUB-BASE GRANULAR MATERIAL, TYPE A 4"

SUB-BASE GRANULAR MATERIAL, TYPE A 8'

AGGREGATE FOR TEMPORARY ACCESS

BITUMINOUS MATERIALS (PRIME COAT)

AGGREGATE (PRIME COAT)

CONSTRUCTING TEST STRIP

HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70

PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH.

PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH

DETECTABLE WARNINGS

PAVEMENT REMOVAL

DRIVEWAY PAVEMENT REMOVAL

COMBINATION CURB AND GUTTER REMOVAL

SIDEWALK REMOVAL

PIPE CULVERT REMOVAL

PIPE CULVERTS, TYPE 2, RCCP 78'

PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"

PRECAST REINFORCED CONCRETE FLARED END SECTIONS 78"

STORM SEWERS, CLASS A. TYPE 2 15"

STORM SEWERS, CLASS A, TYPE 2 30"

STORM SEWERS, CLASS B. TYPE 1 12'

STORM SEWERS, CLASS B, TYPE 2 8'

STORM SEWERS, CLASS B. TYPE 2 12"

STORM SEWERS, CLASS B, TYPE 2 15"

STORM SEWER REMOVAL 12"

WATER MAIN 6'

WATER MAIN 8"

MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE

MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE

INLETS, TYPE A, TYPE 8 GRATE

INLETS, TYPE A, TYPE 24 FRAME AND GRATE

INLETS, TYPE B, TYPE 8 GRATE

INLETS, TYPE B, TYPE 24 FRAME AND GRATE

MANHOLES TO BE ADJUSTED

MANHOLES TO BE RECONSTRUCTED

REMOVING INLETS

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

MISCELLANEOUS CONCRETE

GUARDRAIL REMOVAL

MOBILIZATION

TRAFFIC CONTROL AND PROTECTION

SHORT-TERM PAVEMENT MARKING

TEMPORARY PAVEMENT MARKING - LINE 4'

TEMPORARY PAVEMENT MARKING - LINE 6"

TEMPORARY PAVEMENT MARKING - LINE 12"

HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 7"