

MAY 24, 2021 2:56 PM TLEACH I:\DOCS\2018\1211802\CITY OF PEORIA ENGINEERING RETAINER\WORK ORDER 2\DRAWINGS\SHEET\B-ALLEN & ORANGE PRAIRIE\G101_1211802.02B REV.DWG

SUMMARY OF QUANTITIES

NO.	ITEM	UNIT	TOTALS
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	48
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	18
20200100	EARTH EXCAVATION	CU YD	42
20400800	FURNISHED EXCAVATION	CU YD	6
25000100	SEEDING, CLASS 1	ACRE	0.4
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	35
25000500	PHOSPHOROUS FERTILIZER NUTRIENT	POUND	35
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	35
25100115	MULCH, METHOD 2	ACRE	0.4
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	40
28000400	PERIMETER EROSION BARRIER	FOOT	1360
35101600	AGGREGATE BASE COURSE, TYPE B, 4 INCH	SQ YD	865
42400200	P.C.C. SIDEWALK, 5 INCH	SQ FT	6840
42400800	DETECTABLE WARNINGS	SQ FT	41
44000500	COMB. CURB AND GUTTER REMOVAL	FOOT	58
44000600	SIDEWALK REMOVAL	SQ FT	212
60255500	MANHOLES TO BE ADJUSTED	EACH	2
60266600	VALVE BOX TO BE ADJUSTED	EACH	1
60605000	COMBINED CONCRETE CURB & GUTTER, TYPE B6.24	FOOT	58
67100100	MOBILIZATION	L SUM	1
78001130	PAINT PAVEMENT MARKING - LINE 6", WHITE	FOOT	165
78001180	PAINT PAVEMENT MARKING - LINE 24", WHITE	FOOT	103
X2600012	REMOVE AND RELOCATE SIGN PANEL AND POLE ASSEMBLY	EACH	1
X7010216	TRAFFIC CONTROL & PROTECTION (SPECIAL)	L SUM	1
Z0013798	CONSTRUCTION LAYOUT	L SUM	1

COMMITMENTS

COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN APPROVAL OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE.

COMMITMENTS: (NONE)

UTILITY INFORMATION

ATT (FIBER/COMM) KENNETH COLWELL (630) 383-9249 KC1298@ATT.COM	METRO COMMUNICATIONS (FIBER/COMM) JASON KOONCE (217) 728-3605 JKOONCE@METROCOMM.COM	AMEREN ILLINOIS (ELECTRIC/GAS) NATHAN HILL (618) 301-5327 NHILL2@AMEREN.COM
FRONTIER COMMUNICATIONS (FIBER/COMM) KALIN HINSHAW (815) 895-1515	INTERCARRIER NETWORKS (FIBER/COMM) CHRIS WULF (217) 28-3605 CWULF@GPCOM.COM	ILLINOIS AMERICAN WATER - PEORIA (WATER) TRIP BARTON (309) 566-4148
STRATUS NETWORKS (FIBER/COMM) JOSEPH HUFFMAN (309) 678-9977 JHUFFMAN@STRATUSNET.COM	WINDSTREAM KDL/MCLEOD USA (FIBER/COMM) LOCATE DESK (800) 289-1901 LOCATE.DESK@WINDSTREAM.COM	GREATER PEORIA SANITARY DISTRICT (SEWER) MARIA ZAVALA (309) 272-4844, EXT. 4844
ITV-3, INC. (FIBER/COMM) ENGINEERING OFFICE (309) 670-0400	BLUEBIRD NETWORK (FIBER/COMM) JACK COLES (816) 237-2137 JACK.COLES@BLUEBIRDBIRDNETWORK.COM	CITY OF PEORIA (PUBLIC WORKS) JANE GERDES (309) 494-8819 (309) 303-8661 JGERDES@PEORIAGOV.ORG
COMCAST (FIBER/COMM) MARTHA GIERAS (224) 229-5862 MARTHA_GIERAS@COMCAST.COM		

GENERAL NOTES

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS, 2016 EDITION.
 - WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AUTHORIZED LICENSED LAND SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. PROPERTY MARKERS REMOVED OR DISTURBED BY THE CONTRACTOR SHALL BE REPLACED AT THE CONTRACTORS EXPENSE BY AN ILLINOIS LICENSED PROFESSIONAL LAND SURVEYOR.
 - CONTRACTOR SHALL CHECK FOR LOCATIONS OF UTILITIES, DRAINAGE STRUCTURE OR OTHER FACILITIES IN THE CONSTRUCTION AREA. ANY DAMAGE TO SUCH FACILITIES DUE TO THE CONTRACTOR'S CARELESSNESS SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.

CONTRACTOR SHALL VERIFY ALL CRITICAL UTILITY CROSSING ELEVATIONS PRIOR TO CONSTRUCTION. THE ELEVATION OF THE PROPOSED IMPROVEMENTS MAY NEED TO BE ADJUSTED ACCORDINGLY.

ELEVATIONS SHOWN FOR COMMUNICATIONS, ELECTRIC, GAS AND WATER ARE BASED ONLY ON TYPICAL INSTALLATIONS. STORM SEWER ELEVATIONS HAVE BEEN ESTIMATED BASED ON SURVEY INFORMATION AND OR INFORMATION PROVIDED BY THE UTILITY. SANITARY SERVICE LINES HAVE NOT BEEN SHOWN BUT ARE ANTICIPATED WHERE SANITARY SEWERS ARE PRESENT. LOCATIONS AND ELEVATIONS ARE VARIABLE.

OTHER UTILITIES OR UTILITY SERVICES MAY EXIST WHICH HAVE NOT BEEN SHOWN.
 - ALL UTILITY COMPANIES SHALL BE CONTACTED FOR FIELD LOCATION OF UTILITY LINES BEFORE CONSTRUCTION BEGINS. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES IN THE CONSTRUCTION AREA. CONTACT ENGINEER WHEN DIRECT CONFLICT OCCURS. J.U.L.I.E. 800-892-0123
 - ALL MATERIALS SHALL BE APPROVED BY THE CITY PEORIA, PRIOR TO CONSTRUCTION.
 - THE NOMINAL THICKNESS FOR BASE AND SURFACE COURSES ARE SHOWN ON THE TYPICAL SECTIONS, STANDARDS, SCHEDULES OR SPECIAL DETAILS. THE CONSTRUCTED THICKNESS OF THE ABOVE ITEMS SHALL NOT BE LESS THAN 90% OF THE NOMINAL THICKNESS AT ANY LOCATION.
 - COMPACTION OF EXISTING GROUND IN PLACE, FILL AND BACKFILL TO BE BY MECHANICAL MEANS TO ATTAIN THE FOLLOWING PERCENTAGES OF THE STANDARD LABORATORY DENSITIES AS MEASURED BY ASTM D-1557 FOR COHESIVE SOILS AND ASTM D-2049 FOR NON-COHESIVE SOILS. MOISTURE CONTENT SHALL BE NOT LESS THAN 2% BELOW OPTIMUM MOISTURE CONTENT.
- | AREA CONDITION | MAX. LIFT | COMPACTION |
|--|---------------------------|------------|
| A. BACKFILL FOR EXCAVATED AREAS: | | |
| BUILDING FOOTINGS, SLABS, SIDEWALKS, DRIVEWAYS AND PAVEMENT. | SUBGRADE 8"
SUBBASE 6" | 95%
95% |
- ~~AT EACH LOCATION WHERE NEW CONSTRUCTION OCCURS WITHIN AN EXISTING GRASS AREA, THE TOP SIX INCHES OF VEGETATED SOIL SHALL BE EXCAVATED, STOCKPILED SEPARATELY, AND THEN PLACED AS THE FINAL SIX INCH LIFT OF BACKFILL IN THE AREAS TO BE SEEDED, FERTILIZED, AND MULCHED.~~
 - SEEDING, FERTILIZING AND MULCHING SHALL BE COMPLETED IN ALL VEGETATIVE AREAS DISTURBED. FERTILIZING CONTENT AND APPLICATION RATES SHALL CONFORM TO STANDARD SPECIFICATIONS.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING AND MAINTAINING ALL FENCES AND SIGNS REMOVED DURING CONSTRUCTION FOR PROPOSED IMPROVEMENT OR CONSTRUCTION SITE ACCESS. COST IS INCLUDED IN THE COST OF SIDEWALK.
 - CONTRACTOR SHALL PROVIDE TEMPORARY WALKS, FENCING, BARRICADES OR OTHER PROTECTIVE MEASURES AS NECESSARY TO INSURE THE SAFETY OF THE PUBLIC TRAVERSING THE CONSTRUCTION SITE. EQUIPMENT STORAGE AREAS AND MATERIAL STOCKPILES SHALL BE LOCATED ON SITE PROVIDED BY THE CONTRACTOR WITH DUE REGARD TO LOCATION, APPEARANCE AND HAZARD POTENTIAL TO THE TRAVELING PUBLIC.
 - ALL DEMOLISHED MATERIALS, CONSTRUCTION DEBRIS, AND EXCESS EARTHEN MATERIAL ARE TO BE REMOVED AND DISPOSED OF PER STANDARD SPECIFICATION OFF SITE, UNLESS NOTED OTHERWISE.
 - ANY DAMAGE TO EXISTING ROAD SURFACES BY THE CONTRACTOR'S EQUIPMENT SHALL BE REPAIRED TO THE ORIGINAL CONDITION, OR BETTER, AND THE REPAIR SHALL BE ACCEPTED BY THE OWNER / ENGINEER.
 - TREES OUTSIDE THE DESIGNATED LIMITS OF CONSTRUCTION SHALL NOT BE DISTURBED UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
 - 1-FT CONTOURS SHOWN FOR REFERENCE ONLY.

REV. DATE:
05-24-21

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ILLINOIS	19-00384-00-SW	PEORIA	16	2
	CONTRACT NO. 89785		NAME:	G101

LEGEND

EXISTING	PROPOSED	
		SIDEWALK
		DETECTABLE WARNING
		LANDING AND/OR TURNING SPACE
		EDGE OF PAVEMENT
		CURB AND GUTTER
		WATER MAIN
		WATER SERVICE
		GAS LINE
		OVERHEAD ELECTRIC
		UNDERGROUND ELECTRIC
		FIBER OPTIC
		COMMUNICATION LINE
		STORM SEWER
		SANITARY SEWER
		WATER VALVE
		FIRE HYDRANT
		CURB STOP
		SIGN
		MANHOLE
		STORM WATER INLET
		GAS VALVE
		TELEPHONE PEDESTAL
		CABLE TV PEDESTAL
		UTILITY POLE
		LIGHT POLE
		GUY WIRE
		CONTOURS
		INDEX CONTOURS
		REMOVAL QUANTITY

TRAFFIC CONTROL PLAN

- TRAFFIC CONTROL ON THIS PROJECT SHALL BE IN ACCORDANCE WITH ILLINOIS DEPT. OF TRANSPORTATION HIGHWAY STANDARDS 701001-02, 701006-05, 701011-04, 701301-04, 701311-03, 701501-06, 701801-06, AND 701901-08 AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
- ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED, MAINTAINED AND REMOVED BY THE CONTRACTOR.
- WHERE POSSIBLE, ALL POST MOUNTED SIGNS SHALL BE PLACED AT LEAST 2 FEET BEYOND THE CURB OR EDGE OF SHOULDER.
- THE LOCATION FOR EQUIPMENT STORAGE BY THE CONTRACTOR DURING NON-WORKING HOURS SHALL BE AS APPROVED BY THE CITY.
- PROPOSED SIGN SPACING MAY BE MODIFIED, AS APPROVED BY THE CITY TO MEET FIELD RESTRICTIONS OR TO PREVENT OBSTRUCTION OF THE MOTORIST'S VIEW OF PERMANENT SIGNAGE.
- PERMANENT SIGNING CONVEYING A MESSAGE CONTRARY TO THE MESSAGE OF THE TEMPORARY SIGNING AND NOT APPLICABLE TO THE WORKING CONDITIONS SHALL BE REMOVED OR COVERED BY THE CONTRACTOR WHEN APPROVED BY THE CITY.
- PROPOSED CHANGES TO THE TRAFFIC CONTROL PLAN SHALL BE APPROVED BY THE CITY BEFORE CHANGES ARE MADE.
- LANE CLOSURES SHALL BE APPROVED BY THE CITY PRIOR TO ACTUAL CLOSURE.
- SIDEWALK CLOSURES SHALL BE APPROVED BY THE CITY PRIOR TO ACTUAL CLOSURE.
- PEDESTRIAN DETOUR ROUTES SHALL BE APPROVED THE CITY.

HIGHWAY STANDARDS

420001-09	PAVEMENT JOINTS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
701301-D4	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS DAY ONLY
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
780001-D4	TYPICAL PAVEMENT MARKINGS

REV. DATE:
05-24-21

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ILLINOIS	19-00384-00-SW	PEORIA	16	3
CONTRACT NO. 89785			NAME: G201	

REMOVALS

LOCATION		44000500 COMBINED CURB & GUTTER REMOVAL	44000600 SIDEWALK REMOVAL
STA. FROM	STA. TO	FOOT	SQ FT
ALLEN ROAD			
0+00.00	0+18.00	-	182.2
0+02.74	0+11.90	12.0	
3+44.5	3+50.00		29.5
ORANGE PRAIRIE ROAD			
10+39.68	10+43.16	15.2	
10+98.05	11+01.59	19.8	-
20+81.75	20+84.45	11.0	
TOTAL		58.0	211.7
USE		58	212

PAVING

LOCATION		35101600 AGG. BASE COURSE, TYPE B, 4"	42400200 P.C.C. SIDEWALK, 5"	42400800 DETECTABLE WARNINGS	60605000 COMB. CC&G TB6.24
STA. FROM	STA. TO	SQ YD	SQ FT	SQ FT	FOOT
ALLEN ROAD					
0+00.00	3+49.66	232.2	1846.4	11.0	-
0+02.74	0+12.11	-	-	-	11.7
ORANGE PRAIRIE ROAD					
10+15.10	10+39.68	15.2	117.6	10.0	-
10+39.68	10+43.16	-	-	-	15.2
10+98.05	11+01.59	-	-	-	19.5
11+01.59	20+81.75	617.6	4875.5	20.0	-
20+81.75	20+84.45	-	-	-	11.1
TOTAL		865.0	6839.5	41.0	57.5
USE		865	6840	41	58

EROSION CONTROL

LOCATION		25000100 SEEDING, CLASS 1	25000400 NITROGEN FERTILIZER NUTRIENT	25000500 PHOSPHOROUS FERTILIZER NUTRIENT	25000600 POTASSIUM FERTILIZER NUTRIENT	25100115 MULCH, METHOD 2	28000250 TEMP. EROSION CONTROL SEEDING	28000400 PERIMETER EROSION BARRIER
STA. FROM	STA. TO	ACRE	POUND	POUND	POUND	ACRE	POUND	EACH
+00	3+49.66	0.10	8.6	8.6	8.6	0.10	9.5	349.0
10+15.10	10+39.68	0.01	1.1	1.1	1.1	0.01	1.2	25.0
11+01.59	20+81.75	0.26	23.3	23.3	23.3	0.26	25.8	981.0
TOTAL		0.37	33.0	33.0	33.0	0.37	36.5	1355.0
USE		0.4	35	35	35	0.4	40	1360

PAVEMENT MARKING

LOCATION				78001130 PAINT PAVEMENT MARKING LINE 6" WHITE SOLID	78001180 PAINT PAVEMENT MARKING LINE 24" WHITE SOLID
STA. FROM	O/S	STA. TO	O/S	FOOT	FOOT
ORANGE PRAIRIE ROAD					
10+43.16	0.5 RT.	10+98.05	0.5 RT.	56.0	79.0
10+43.16	5.5 LT.	10+98.05	5.5 LT.	69.0	
20+84.45	0.5 RT.	21+03.82	0.5 RT.	20.0	24.0
20+84.45	5.5 LT.	21+03.82	5.5 LT.	20.0	
TOTAL				165.0	103.0
USE				165.0	103.0

EARTHWORK

LOCATION		EARTH EXCAVATION	CUT INCL. 25% SHRINKAGE)	FILL	FURNISHED EXCAVATION
STA. FROM - STA. TO	CU YD	CU YD	CU YD	CU YD	
ALLEN ROAD					
0+00.00	3+50.09	10.8	8.1	4.4	-3.7
ORANGE PRAIRIE ROAD					
10+15.10	10+43.92	0.9	0.7	0.1	-0.6
11+00.47	20+88.02	30.5	22.9	33.2	10.3
TOTAL		42.2	31.7	37.7	6.0
USE		42.0	31.5	37.5	6.0

UTILITY ADJUSTEMENT

LOCATION		60255500 MANHOLES TO BE ADJUSTED	60266600 VALVE BOX TO BE ADJUSTED
STATION	O/S	FOOT	SQ FT
11+17.40	1.6 LT.		1
11+93.64	4.3 LT.	1	
13+39.69	4.2 LT.	1	
TOTAL		2	1

TREE REMOVAL

LOCATION			20100110 TREE REMOVAL (6 TO 15 UNITS DIAMETER)	20100210 TREE REMOVAL (OVER 15 UNITS DIAMETER)
STATION	O/S	UNIT	UNIT	
TO	FROM			
19+80.00	20+22.00	RT.	48.00	18.00
TOTAL			48.00	18.00

APPLICATION RATES:
 NITROGEN FERTILIZER = 90 LB/ACRE
 PHOSPHOROUS FERTILIZER = 90 LB/ACRE
 POTASSIUM FERTILIZER = 90 LB/ACRE
 MULCH, METHOD 2 = 100 LB/ACRE

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