

F&P ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
310	42-2	JERSEY	399	2
STA.		TO STA.		
EXISTING CONDITIONS:				

CONTRACT NO. 76568

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## GENERAL NOTES

- (1) ILLINOIS STATE LAW REQUIRES A 48 HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
- FRONTIER COMMUNICATIONS, INC. (TELEPHONE)
  - JERSEY COUNTY RURAL WATER CO., INC. (WATER)
  - M.J.M. ELECTRIC CO-OP, INC. (ELECTRIC)
- MEMBERS OF J.U.L.I.E. (800-892-0123 OR 811) ARE INDICATED BY AN \*.  
NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.
- (2) THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES.
- (3) THE WORK SHALL BE GOVERNED BY THE LATEST EDITION OF THE FOLLOWING MANUALS:
- STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION
  - SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS
  - BUREAU OF DESIGN & ENVIRONMENTAL MANUALS & MEMORANDUMS
  - HIGHWAY STANDARDS
  - SURVEY MANUAL
  - LAND ACQUISITION MANUAL
- (4) THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- (5) ALL DIMENSIONS SHOWN ARE IN FEET UNLESS OTHERWISE NOTED. PAVEMENT THICKNESS, CULVERT SIZE, CONDUIT SIZE AND MARKING WIDTHS ARE SHOWN IN INCHES UNLESS NOTED.
- (6) ALL AREAS DISTURBED FOR ANY REASON SHALL BE PERMANENTLY SEEDED AS DIRECTED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT THE CONTRACTOR'S EXPENSE. THE SEEDED SHALL BE PERFORMED ACCORDING TO ARTICLES 250 AND 251 OF THE STANDARD SPECIFICATIONS. THE SEEDED DATES FOR BARE EARTH SEEDED OF MIXTURE CLASS 2 SHALL BE FROM APRIL 1 TO JUNE 1, AND FROM AUGUST 15 TO SEPTEMBER 30.

## GENERAL NOTES

- (7) ALL STATIONS AND OFFSETS FOR DRAINAGE STRUCTURES ARE GIVEN TO THE CENTER OF THE STRUCTURE.
- (8) CLASS D CULVERT PIPES SHALL BE EITHER CORRUGATED METAL PIPE OR REINFORCED CONCRETE PIPE.
- (9) ALL STATIONS AND OFFSETS FOR FLARED END SECTIONS ARE GIVEN AT THE POINT OF CONNECTION TO THE PIPE.
- (10) ALL STATION AND OFFSETS SHOWN FOR PROPOSED PAVEMENT ARE GIVEN AT THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- (11) THE THICKNESS OF HOT-MIX ASPHALT MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT MIXTURE IS PLACED.
- (12) IF REQUIRED BY THE ENGINEER, THE CONTRACTOR WILL BE REQUIRED TO SAW CUT THE HOT-MIX ASPHALT SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN IN THE PLAN DETAILS. ALL SAW CUTTING OF EXISTING PAVEMENT SHALL BE CONSIDERED AS INCLUDED IN THE VARIOUS ASSOCIATED PAY ITEMS PROVIDED IN THE CONTRACT. THE MINIMUM SAW CUT DEPTH IN THE PAVEMENT SHALL BE FULL DEPTH UNLESS OTHERWISE SPECIFIED IN THE PLANS OR AS DIRECTED BY THE ENGINEER.
- (13) FOR ALL TEMPORARY PAVEMENT MARKINGS ON FINAL SURFACES (I.E. MAINLINE PAVEMENT), ONLY TEMPORARY PAVEMENT MARKING TAPE SHALL BE USED. SHORT TERM PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH SECTION 703 OF THE IDOT STANDARD SPECIFICATIONS.
- (14) ONLY THOSE TREES DESIGNATED BY THE ENGINEER SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.
- (15) UNLESS OTHERWISE DIRECTED BY THE ENGINEER, RIGHT OF WAY MARKERS SHALL BE INSTALLED AS A FIRST ITEM OF CONSTRUCTION ON THIS CONTRACT.
- (16) ALL ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1929.
- (17) ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.
- (18) ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS OR THE COPY OF THE HIGHWAY STANDARD INCLUDED IN THESE PLANS.
- (19) REMOVAL OF EXISTING BITUMINOUS SURFACE TREATMENT (OIL AND CHIP), AGGREGATE BASE COURSE AND AGGREGATE SHOULDERS SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE FOR EARTH EXCAVATION.
- (20) AREAS IN THE PLANS INDICATED AS "GRADE AREA TO DRAIN" SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE VARIOUS EARTHWORK PAY ITEMS FOR THIS CONTRACT.
- (21) SPECIAL CARE SHALL BE TAKEN DURING TREE REMOVAL TO CONTROL THE SPREAD OF THE EMERALD ASH BORER. THE CONTRACTOR SHALL FOLLOW ILLINOIS DEPARTMENT OF AGRICULTURE RECOMMENDED PROCEDURES FOR REMOVAL AND DISPOSAL OF ASH TREES. THIS INFORMATION CAN BE FOUND ON THE ILLINOIS DEPARTMENT OF AGRICULTURE WEBSITE: [www.agr.state.il.us/eab/](http://www.agr.state.il.us/eab/).
- (22) THE DISTRICT LAND ACQUISITION SECTION SHALL BE CONTACTED IF DIFFERENCES ARE IDENTIFIED BETWEEN ANY PROPOSED RIGHT-OF-WAY OR EASEMENT SHOWN ON THE ENGINEERING PLAN SHEETS AS COMPARED TO THE SAME PROPOSED RIGHT-OF-WAY OR EASEMENT SHOWN ON THE PLAT OF HIGHWAYS. QUESTIONS OR CONCERNS REGARDING THESE ITEMS SHOULD BE DIRECTED TO CLINT MARSHALL AT (618) 346-3124.
- (23) ALL EXISTING AND PROPOSED RIGHT-OF-WAY LINES AND PROPERTY LINES SHOWN ON THE ROADWAY PLAN SHEETS ARE GRAPHICAL REPRESENTATIONS AND SHALL NOT BE USED AS A MEANS TO ESTABLISH OWNERSHIP. IN ALL MATTERS RELATING TO RIGHT-OF-WAY, THE PLAT OF HIGHWAYS SHALL BE THE CONTROLLING DOCUMENT.
- (24) IF ANY SECTION OR SUB-SECTION MONUMENT (I.E. STONE, BRASS PLUG, ALUMINUM DISK, IRON PIPE OR PIN, NAIL, CROSS, ETC.), IS ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENT IS REMOVED OR RESURFACED OVER. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE THE MONUMENT IN PLACE UNTIL AN ILLINOIS PROFESSIONAL LAND SURVEYOR WITH A DEPARTMENT PREQUALIFICATION IN "SPECIAL SERVICES - SURVEYING" HAS REFERENCED ITS LOCATION.

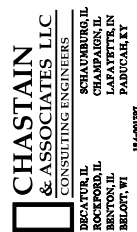
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**COMMITMENTS:**

- NATIVE GRASSLAND LOSS:  
IN AREAS WHICH ARE NOT ANTICIPATED TO BE PART OF THE FUTURE MAINTAINED OR MOWED RIGHT OF WAY, THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) WILL RE-SEED WITH A CLASS 4 AND 5 NATIVE GRASS AND FORB SEED MIXTURE AS DEFINED IN ARTICLE 250 OF IDOT'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- TREE CLEARING RESTRICTION:  
TREES THREE INCHES OR GREATER IN DIAMETER AT BREST HEIGHT SHALL NOT BE CLEARED FROM APRIL 1 THROUGH SEPTEMBER 30TH.
- BILLBOARD SIGN TO REMAIN:  
THE BILLBOARD WITHIN THE TEMPORARY EASEMENT 8039097 IS TO REMAIN IN PLACE AND SHALL BE GRADED AROUND. CONTACT MR. GIBBONS PRIOR TO CONSTRUCTION AT: 618-779-7588, 29688 DELHI RD, BRIGHTON, IL 62012

## LIST OF HIGHWAY STANDARDS

- 000001-07 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
- 202001-01 EARTH MEDIAN DITCH CHECK
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 420001-09 PAVEMENT JOINTS
- 420101-06 24' (7.2M) JOINTED PCC PAVEMENT
- 420701-03 PAVEMENT WELDED WIRE REINFORCEMENT
- 483001-05 PCC SHOULDER
- 542201-02 REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS, 15" (375MM) THRU 36" (900MM) DIAMETER SKEWED WITH ROADWAY
- 542206-04 REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS, 42" (1050MM) THRU 60" (1500MM) DIAMETER SKEWED WITH ROADWAY
- 542301-03 PRECAST REINFORCED CONCRETE FLARED END SECTION
- 542311-07 TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTIONS
- 542401-03 METAL END SECTION FOR PIPE CULVERTS
- 542501-02 INLET BOX TYPE 24 (600) A
- 542511-02 INLET BOX TYPE 24 (600) C
- 542521-02 INLET BOX TYPE 24 (600) E
- 542526-03 INLET BOX TYPE 24 (600) F
- 542606-02 REINFORCED CONCRETE PIPE TEE
- 601001-05 PIPE UNDERDRAINS
- 601101-02 CONCRETE HEADWALL FOR PIPE UNDERDRAIN
- 602301-04 INLET, TYPE A
- 602401-06 PRECAST MANHOLE, TYPE A, 4' (1.22M) DIAMETER
- 604101-01 MEDIAN INLET FOR 24" (600MM) REINFORCED CONCRETE PIPE
- 606001-07 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 606301-04 PC CONCRETE ISLANDS AND MEDIANS
- 606306-04 CORRUGATED PC CONCRETE MEDIANS
- 610001-08 SHOULDER INLET WITH CURB
- 630001-12 STEEL PLATE BEAM GUARDRAIL
- 630201-07 PCC/BITUMINOUS STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
- 630301-09 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
- 631011-10 TRAFFIC BARRIER TERMINAL, TYPE 2
- 635001-02 DELINEATORS
- 642001-02 SHOULDER RUMBLE STRIPS, 16IN
- 642006 SHOULDER RUMBLE STRIPS, 8IN
- 666001-01 RIGHT-OF-WAY MARKERS
- 667001-01 DRAINAGE MARKERS
- 667101-02 PERMANENT SURVEY MARKERS
- 701001-02 OFF-ROAD OPERATION 2L, 2W, MORE THAN 15' (4.5M) AWAY
- 701006-05 OFF-ROAD OPERATION 2L, 2W, 15' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
- 701011-04 OFF-ROAD MOVING OPERATIONS 2L, 2W, DAY ONLY
- 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
- 701106-02 OFF-ROAD OPERATIONS, MULTILANE MORE THAN 15' (4.5M) AWAY
- 701201-05 LANE CLOSURE 2L, 2W DAY ONLY, FOR SPEEDS > OR = 45 MPH
- 701301-04 LANE CLOSURE 2L, 2W SHORT TIME OPERATIONS
- 701326-04 LANE CLOSURE 2L, 2W PAVEMENT WIDENING, FOR SPEEDS > OR = 45 MPH
- 701331-05 LANE CLOSURE 2L, 2W WITH RUN-AROUND FOR SPEEDS > OR = 45 MPH
- 701400-09 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701401-12 LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701406-12 LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
- 701416-11 LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH CROSOVER AND BARRIER
- 701901-08 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-04 SIGN PANEL ERECTION DETAILS
- 720011-01 METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
- 725001-01 OBJECT AND TERMINAL MARKERS
- 728001-01 TELESCOPING STEEL SIGN SUPPORT
- 729001-01 APPLICATION OF TYPE A AND B METAL POSTS (FOR SIGNS & MARKERS)
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 782001-01 CURB REFLECTORS
- 782006-01 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
- B.L.R.18-6 TRAFFIC CONTROL DEVICES - DAY LABOR MAINTENANCE
- B.L.R.21-9 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
- B.L.R.22-7 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS



REVISIONS	
NAME	DATE
	7/6/20

ILLINOIS DEPARTMENT OF TRANSPORTATION  
INDEX OF SHEETS, STANDARDS,  
AND GENERAL NOTES  
F&P ROUTE 310 (US 67)  
SECTION 42-2  
JERSEY COUNTY

△ REV. 7-15-2020

DRAWN BY: EMR

CHECKED BY: CAS

# SUMMARY OF QUANTITIES

F&P ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	42-2	JERSEY	399	4
STA.		TO STA.		
EXISTING CONDITIONS:				
CONTRACT NO. 76568				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				80% FED 20% STATE	ROADWAY 0001 RURAL
4200060	WELDED WIRE REINFORCEMENT	SQ YD	78972	78972	
42000511	PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)	SQ YD	78972	78972	
42001300	PROTECTIVE COAT	SQ YD	78972	78972	
44000100	PAVEMENT REMOVAL	SQ YD	13696	13696	
44000400	GUTTER REMOVAL	FOOT	1344	1344	
44004250	PAVED SHOULDER REMOVAL	SQ YD	2569	2569	
48100100	AGGREGATE SHOULDERS, TYPE A	TON	78	78	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	15047	15047	
48300510	PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"	SQ YD	39948	39948	
48301000	PROTECTIVE COAT	SQ YD	39948	39948	
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1	1	
50104400	CONCRETE HEADWALL REMOVAL	EACH	3	3	
50105220	PIPE CULVERT REMOVAL	FOOT	733	733	
50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	680	680	
50800105	REINFORCEMENT BARS	POUND	112810	112810	
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2	2	
54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	EACH	1	1	
54001003	BOX CULVERT END SECTIONS, CULVERT NO. 3	EACH	1	1	
54003000	CONCRETE BOX CULVERTS	CU YD	530.1	530.1	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				80% FED 20% STATE	ROADWAY 0001 RURAL
54010808	PRECAST CONCRETE BOX CULVERTS 8' X 8'	FOOT	600	600	
54011206	PRECAST CONCRETE BOX CULVERTS 12' X 6'	FOOT	120	120	
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	84	84	
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	421	421	
542A1069	PIPE CULVERTS, CLASS A, TYPE 2 24"	FOOT	779	779	△
542A1075	PIPE CULVERTS, CLASS A, TYPE 2 30"	FOOT	206	206	
542A3403	PIPE CULVERTS, CLASS A, TYPE 5 48"	FOOT	248	248	
542A3427	PIPE CULVERTS, CLASS A, TYPE 5 72"	FOOT	320	320	
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	680	680	△
542D0226	PIPE CULVERTS, CLASS D, TYPE 1 21"	FOOT	126	126	
542D1075	PIPE CULVERTS, CLASS D, TYPE 2 30"	FOOT	34	34	
542D1105	PIPE CULVERTS, CLASS D, TYPE 2 60"	FOOT	41	41	
542D2755	PIPE CULVERTS, CLASS D, TYPE 4 30"	FOOT	127	127	
5421D012	PIPE CULVERTS, CLASS D, TYPE 1 12" (TEMPORARY)	FOOT	444	444	△
54213447	END SECTIONS 12"	EACH	5	5	
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	2	2	
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	14	14	
54213693	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 48"	EACH	2	2	
54215424	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 24"	EACH	2	2	

**CHASTAIN & ASSOCIATES LLC**  
CONSULTING ENGINEERS  
SCHAUMBURG, IL  
CHAMPAIGN, IL  
LAFAYETTE, IN  
MCA TUL, IL  
ROCKFORD, IL  
BENTON, IL  
BELOIT, WI  
184-00397

# SUMMARY OF QUANTITIES

F&P ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	42-2	JERSEY	399	5
STA.		TO STA.		
EXISTING CONDITIONS:				
CONTRACT NO. 76568				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				80% FED 20% STATE	ROADWAY 0001 RURAL
54215430	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 30"	EACH	2	2	
54215460	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 60"	EACH	2	2	
54215472	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 72"	EACH	2	2	
54217680	REINFORCED CONCRETE PIPE TEE, 24" PIPE WITH 24" RISER	EACH	1	1	
5422D012	PIPE CULVERTS, CLASS D, TYPE 2 12" (TEMPORARY)	FOOT	108	108	
5422D015	PIPE CULVERTS, CLASS D, TYPE 2 15" (TEMPORARY)	FOOT	62	62	
5422D024	PIPE CULVERTS, CLASS D, TYPE 2 24" (TEMPORARY)	FOOT	52	52	
5422D024	PIPE CULVERTS, CLASS D, TYPE 2 24" (TEMPORARY)	FOOT	52	52	
5422D060	PIPE CULVERTS, CLASS D, TYPE 2 60" (TEMPORARY)	FOOT	30	30	
54244805	INLET BOX, STANDARD 542501	EACH	1	1	
54245205	INLET BOX, STANDARD 542511	EACH	2	2	
54245405	INLET BOX, STANDARD 542506	EACH	2	2	
54245805	INLET BOX, STANDARD 542516	EACH	3	3	
54247130	GRATING FOR FLARED END SECTION 24"	EACH	3	3	
54248510	CONCRETE COLLAR	CU YD	9.2	9.2	
54260315	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTIONS	FOOT	10	10	
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	118	118	
60100905	PIPE DRAINS 4"	FOOT	500	500	
60100915	PIPE DRAINS 6"	FOOT	500	500	
60100925	PIPE DRAINS 8"	FOOT	500	500	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				80% FED 20% STATE	ROADWAY 0001 RURAL
60100935	PIPE DRAINS 10"	FOOT	500	500	
60100945	PIPE DRAINS 12"	FOOT	694	694	
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	2330	2330	
60108104	PIPE UNDERDRAINS, TYPE 1, 4"	FOOT	52505	52505	
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2	
60222705	MANHOLES, TYPE A, 5'-DIAMETER, WITH MEDIAN INLET (604101)	EACH	7	7	
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	1	1	
60238305	INLETS, TYPE A, WITH MEDIAN INLET (604101)	EACH	1	1	
60246605	MEDIAN INLET (604101)	EACH	1	1	
60600605	CONCRETE CURB, TYPE B	FOOT	2065	2065	
60608552	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.06	FOOT	1218	1218	
60608582	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	FOOT	1222	1222	
60618320	CONCRETE MEDIAN SURFACE, 6 INCH	SQ FT	8023	8023	
60622320	CONCRETE MEDIAN, TYPE SM-4.24	SQ FT	1574	1574	
60624600	CORRUGATED MEDIAN	SQ FT	263	263	
61000050	CONCRETE THRUST BLOCKS	EACH	8	8	
61000225	TYPE F INLET BOX, STANDARD 610001	EACH	5	5	
61100500	EXPLORATION TRENCH 52" DEPTH	FOOT	6600	6600	
61100605	MISCELLANEOUS CONCRETE	CU YD	5	5	

**CHASTAIN & ASSOCIATES LLC**  
CONSULTING ENGINEERS  
CHICAGO, IL  
CHAMPAIGN, IL  
LAFAYETTE, IN  
MADISON, WI  
MILWAUKEE, WI  
MONTICELLO, IL  
MOUNTAIN VIEW, IL  
NORTON, IL  
ROCKFORD, IL  
ST. LOUIS, MO  
18-0087

# SUMMARY OF QUANTITIES

F&P ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
310	42-2	JERSEY	399	6
STA.		TO STA.		
EXISTING CONDITIONS:				
CONTRACT NO. 76568				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				80% FED 20% STATE ROADWAY 0001 RURAL	
61101005	STORM SEWERS PROTECTED, CLASS A, 4"	FOOT	500	500	
61101007	STORM SEWERS PROTECTED, CLASS A, 6"	FOOT	500	500	
61101009	STORM SEWERS PROTECTED, CLASS A, 8"	FOOT	500	500	
61101011	STORM SEWERS PROTECTED, CLASS A, 10"	FOOT	500	500	
61101013	STORM SEWERS PROTECTED, CLASS A, 12"	FOOT	500	500	
61133100	FIELD TILE JUNCTION VAULTS, 2' DIA.	EACH	5	5	
61133200	FIELD TILE JUNCTION VAULTS, 3' DIA.	EACH	5	5	
61139800	STORM SEWERS (SPECIAL), 4"	FOOT	500	500	
61139900	STORM SEWERS (SPECIAL), 6"	FOOT	500	500	
61140000	STORM SEWERS (SPECIAL), 8"	FOOT	500	500	
61140100	STORM SEWERS (SPECIAL), 10"	FOOT	500	500	
61140200	STORM SEWERS (SPECIAL), 12"	FOOT	500	500	
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	4025	4025	
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	5	5	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	5	5	
63200310	GUARDRAIL REMOVAL	FOOT	717	717	
63500105	DELINEATORS	EACH	64	64	
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	24548	24548	
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	24923	24923	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				80% FED 20% STATE ROADWAY 0001 RURAL	
66201120	CONCRETE SHOULDER CURB	FOOT	2087	2087	
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	132	132	
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	26	26	
66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	9	9	
66700405	PERMANENT SURVEY MARKERS, TYPE III	EACH	23	23	
66700705	FURNISHING AND ERECTING DRAINAGE MARKERS	EACH	23	23	
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1850	1850	
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	5	5	
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1	
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1	
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	14	14	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	24	24	
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	24	24	
67100100	MOBILIZATION	L SUM	1	1	
67201000	SEALING ABANDON WATER WELLS	EACH	5	5	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	24	24	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	631	631	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	210	210	
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	124	124	

\* SPECIALTY ITEM

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**CHASTAIN & ASSOCIATES LLC**  
CONSULTING ENGINEERS  
SCHAUMBURG, IL  
CHAMPAIGN, IL  
LAFAYETTE, IN  
ROCKFORD, IL  
BENTON, IL  
BELOIT, WI  
18-0087

# SUMMARY OF QUANTITIES

F&P ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
310	42-2	JERSEY	399	7
STA.		TO STA.		
EXISTING CONDITIONS:				
CONTRACT NO. 76568				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				80% FED 20% STATE	ROADWAY 0001 RURAL
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	82758	82758	
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	146	146	
* 72000100	SIGN PANEL - TYPE 1	SO FT	283	283	
* 72000200	SIGN PANEL - TYPE 2	SO FT	640	640	
* 72500100	OBJECT MARKER - TYPE 1	EACH	12	12	
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	5	5	
* 73000100	WOOD SIGN SUPPORT	FOOT	1431	1431	
* 78003100	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS	SO FT	266	266	
* 78003110	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"	FOOT	75963	75963	
* 78003140	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 8"	FOOT	1911	1911	
* 78003150	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 12"	FOOT	627	627	
* 78003180	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"	FOOT	195	195	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	390	390	
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	35	35	
* 78200020	CURB REFLECTORS	EACH	192	192	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	43	43	
* X0322461	DRUM AND CHEVRON SIGN	EACH	15	15	
X0322936	REMOVE EXISTING FLARED END SECTION	EACH	2	2	
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SO FT	3988	3988	

\* SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				80% FED 20% STATE	ROADWAY 0001 RURAL
X1200050	BOX CULVERT REMOVAL	FOOT	54	54	
X0325110	BIAXIAL GEOGRID	SO YD	41780	41780	
<del>X2050100</del>	<del>GRID-REINFORCED EMBANKMENT</del>	<del>SO YD</del>	<del>41780</del>	<del>41780</del>	
X4020500	AGGREGATE SURFACE COURSE, TYPE B 6"	SO YD	2489	2489	
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SO YD	240	240	
X6660445	RIGHT OF WAY AND PROPERTY CORNERS	EACH	21	21	
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SO FT	27583	27583	
* X7800100	PAINT PAVEMENT MARKING - RAISED MEDIAN	SO FT	148	148	
* X7800200	PAINT PAVEMENT MARKING CURB	FOOT	576	576	
* X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SO FT	807	807	
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	75963	75963	
* X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	1911	1911	
* X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	627	627	
* X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	195	195	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
Z0023500	FILLING EXISTING CULVERTS	CU YD	4	4	
Z0034105	MATERIAL TRANSFER DEVICE	TON	5743	5743	
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	3581	3581	
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1	
∅ Z0076600	TRAINEES	HOUR	3000	3000	
Z0064505	REPLACING SECTION MARKERS	EACH	1	1	
∅ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	3000	3000	

∅ 0042

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