

SUMMARY OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
20100110	Tree Removal (6 to 15 Units Diameter)	UNIT	164
20800250	Trench Backfill, Special	CU YD	1,162
20900210	Porous Granular Backfill, Special	CU YD	445
21101645	Topsoil Furnish and Place, 12"	SQ YD	2,400
25000100	Seeding, Class 1	ACRE	1
25000400	Nitrogen Fertilizer Nutrient	POUND	45
25000500	Phosphorous Fertilizer Nutrient	POUND	45
25000600	Potassium Fertilizer Nutrient	POUND	45
25100630	Erosion Control Blanket	SQ YD	2,400
28000400	Perimeter Erosion Barrier	FOOT	200
28000600	Inlet and Pipe Protection	EACH	6
28000510	Inlet Filters	EACH	18
35101600	Aggregate Base Course, TY B, 4"	SQ YD	268
35101800	Aggregate Base Course, TY B, 6"	SQ YD	356
35102400	Aggregate Base Course, TY B, 12"	SQ YD	1,995
35200600	Earth Excavation	CU YD	650
40300100	Bituminous Materials, (Prime Coat)	GALLON	998
40603080	Hot Mix Asphalt Binder Course, IL-19.0, N-50	TON	253
40603310	Hot Mix Asphalt Surface Course, Mix C, N-50	TON	170
42400200	Portland Cement Concrete Sidewalk, 5 Inch	SQ FT	975
42400800	Detectable Warnings	SQ FT	60
44000100	Pavement Removal	SQ YD	3,522
44000500	Combination Curb and Gutter Removal	FOOT	840
44000600	Sidewalk Removal	SQ FT	530
50200200	Structure Excavation (Special)	CU YD	2,690
50300225	Concrete Structure	CU YD	736
50300254	Rubber Finish	SQ FT	7,700
50800105	Reinforcement Bars	POUND	112,900
* 50900105	Aluminum Railing, Type L	FOOT	96
* 50900805	Pedestrian Railing	FOOT	864
50901765	Pipe Handrail, Special	FOOT	121
51204910	Steel Sheet Piling (Special)	SQ FT	6,500
51205210	Temporary Steel Sheet Piling (Special)	SQ FT	2,200
55100300	Storm Sewer Removal, 8"	FOOT	28
55100500	Storm Sewer Removal, 12"	FOOT	239
55100800	Storm Sewer Removal, 18"	FOOT	17
55101200	Storm Sewer Removal, 24"	FOOT	44
60108100	Pipe Underdrain 4" (Special)	FOOT	105
60108200	Pipe Underdrain 6" (Special)	FOOT	355
60200105	Catch Basin, TY A, 4' Dia, TY 1, Frame & Open Lid	EACH	1
60204805	Catch Basin, TY A, 5' Dia, TY 11, Frame & Grate	EACH	1
60213800	RD-Catch Basin, 4' Dia, TY 1, Frame & Open Lid	EACH	1
60218300	Manhole, TY A, 4' Dia, TY 1, Frame & Open Lid	EACH	2
60218400	Manhole, TY A, 4' Dia, TY 1, Frame & Closed Lid	EACH	2
60224500	RD-Manhole, 4' Dia, TY 1, Frame & Open Lid	EACH	2
60224600	RD-Manhole, 4' Dia, TY 1, Frame & Closed Lid	EACH	2
60225300	RD-Manhole, 5' Dia, TY 1, Frame & Open Lid	EACH	3
60234200	Inlets, TY A, TY 1, Frame & Open Lid	EACH	3
60236800	Inlets, TY A, TY 11, Frame & Grate	EACH	2
60240210	Inlets, TY B, TY 1 Frame & Open Lid	EACH	1
60255600	Manholes to be Adjusted	EACH	4
60406000	Frames and Lids, TY 1, Open Lid	EACH	2
60406100	Frames and Lids, TY 1, Closed Lid	EACH	1
60500040	Removing Manholes	EACH	5
60500060	Removing Inlets	EACH	1
60600505	Concrete Curb (Special)	FOOT	430
60604200	Comb. Concrete Curb & Gutter, TY B6.12, Special	FOOT	568
61139900	Storm Sewers, Special, 6"	FOOT	67
61140500	Storm Sewers, Special, 16"	FOOT	56
64100115	Sight Screen (Wooden Fence), TY P, 6"	FOOT	100
64400570	Chain Link Fence, 3' (Special)	FOOT	970
64410700	Chain Link Gates (Special)	EACH	6
67100100	Mobilization	LSUM	1
70101700	Traffic Control & Protection	LSUM	1
72000100	Sign Panel, Type 1	SQ FT	40
72900100	Metal Sign Post, Type A	FOOT	100
* 78001100	Paint Pavement Marking, Letters & Symbols	SQ FT	44
* 78001110	Paint Pavement Marking, Line 4"	FOOT	1,318
550A0050	Storm Sewers, CL A, TY 1, 12"	FOOT	160
550A0110	Storm Sewers, CL A, TY 1, 21"	FOOT	27
550A0120	Storm Sewers, CL A, TY 1, 24"	FOOT	31
550A0320	Storm Sewers, CL A, TY 2, 8"	FOOT	57
550A0340	Storm Sewers, CL A, TY 2, 12"	FOOT	62
550A0360	Storm Sewers, CL A, TY 2, 15"	FOOT	137
550A0380	Storm Sewers, CL A, TY 2, 18"	FOOT	154
550A0410	Storm Sewers, CL A, TY 2, 24"	FOOT	25
X0323350	Furnish and Setting Brick Pavers	SQ FT	3,200
XX001621	Brick Paver Removal	SQ FT	435
XX003308	Trench Drain	FOOT	18
XX003816	Furnish & Install Concrete Wheel Stops	EACH	4
XX004895	Pipe Underdrain Cleanout, Complete	EACH	8
XX005656	Inlet Filter Cleaning	EACH	15
* Z0020000	Electrical System Complete	LSUM	1
Z0022800	Fence Removal	FOOT	160
* Z0036500	Painting	LSUM	1
Z0048665	Railroad Protective Liability Insurance	LSUM	1
A Z0076600	Trainees	HOUR	1,000
XX007940	Insulation	SQ FT	750
XX007941	Prefab Canopy Assembly (11'-10" Wide) Complete	FOOT	32
XX007942	Prefab Canopy Assembly (6'-8" Wide) Complete	FOOT	106
XX007943	Steel Casing Pipe, Special, Tunneled	FOOT	113

* Specialty Items Δ Y080

GENERAL NOTES FOR SITE WORK:

1. SPECIFICATIONS, STANDARDS AND SPECIAL PROVISIONS: ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JAN. 1, 2007 (HEREINAFTER REFERRED TO AS THE STANDARD SPECIFICATIONS); THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" ADOPTED JANUARY 1, 2009; THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN IN ILLINOIS, THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS"; THE "DETAILS" ON THE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS.

ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST STANDARD OF THE DEPARTMENT.

2. EXISTING UTILITIES:

EXISTING UTILITIES ARE SHOWN ON THE PLANS ACCORDING TO INFORMATION OBTAINED FROM THE UTILITY COMPANIES, VILLAGE, AND FIELD SURVEYS. THE ACCURACY AND COMPLETENESS OF SAID INFORMATION IS NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE EXISTENCE, NATURE, AND EXACT LOCATIONS OF ALL UTILITY LINES AND APPURTENANCES WITHIN THE LIMITS OF THE IMPROVEMENTS. THE CONTRACTOR SHALL GIVE PRIOR NOTIFICATION TO THE UTILITY COMPANIES AND THE VILLAGE OF HIS INTENTION TO BEGIN WORK.

SHOULD CERTAIN EXISTING UTILITY FACILITIES INTERFERE WITH THE PROPOSED CONSTRUCTION, THEY WILL HAVE TO BE REMOVED AND RELOCATED BY THE UTILITY COMPANIES. THE CONTRACTOR SHALL COORDINATE AND SCHEDULE THIS WORK WITH ALL AFFECTED UTILITY COMPANIES AND THE VILLAGE SO AS TO INSURE THE TIMELY COMPLETION AND MAINTENANCE OF SAID UTILITY FACILITIES.

THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR THE INTERFERENCE WITH OR DAMAGE TO ANY EXISTING UTILITY FACILITY AND APPURTENANCES SUCH AS WATER MAINS, SEWERS, GAS MAINS, ELECTRIC AND SIGNAL CABLES, CONDUITS, ETC., RESULTING FROM THE OPERATIONS OF HIS EQUIPMENT OR WORKERS AND SHALL REPAIR OR REPLACE SAME AT HIS OWN EXPENSE AND WITH THE LEAST POSSIBLE DELAY. NO EXTRA COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR FOR ANY EXPENSES INCURRED BECAUSE OF THE DELAYS, INCONVENIENCES, OR INTERRUPTIONS TO HIS WORK RESULTING FROM COMPLIANCE WITH THE ABOVE REQUIREMENTS.

3. PROTECTION OF PUBLIC/Private PROPERTY:

THE CONTRACTOR SHALL PROTECT ALL EXISTING TREES AND OTHER ITEMS SCHEDULED TO REMAIN. ANY ITEM THAT IS DAMAGED SUCH AS: SHRUBS, FENCES, DRAIN LINES, POWER LINES, AND OTHER PUBLIC/Private PROPERTY SHALL BE REPLACED OR REPAIRED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER AT NO COST TO THE CONTRACT.

4. CONNECTIONS TO EXISTING STORM SEWERS:

ANY ADDITIONAL COSTS INVOLVED IN CONNECTING PROPOSED STORM SEWER LINES TO EXISTING STORM SEWER STRUCTURES AND PIPES SHALL BE CONSIDERED INCIDENTAL TO THE ITEM BEING CONSTRUCTED AND NO ADDITIONAL COMPENSATION ALLOWED.

5. EXISTING STREET CLEANLINESS:

THE CONTRACTOR SHALL KEEP EXISTING AND ADJACENT STREETS CLEAN OF DIRT, MUD, AND OTHER DEBRIS AT ALL TIMES AND, WHEN NECESSARY, CLEAN SAID PAVEMENTS ON A DAILY BASIS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

6. REMOVAL, MAINTENANCE AND RESETTING EXISTING MAILBOXES, WHEEL STOPS, TRAFFIC CONTROL SIGNS AND STOP SIGNS:

EXISTING MAILBOXES, TRAFFIC CONTROL AND STOP SIGNS WHICH INTERFERE WITH CONSTRUCTION SHALL BE REMOVED AND TEMPORARILY RELOCATED DURING CONSTRUCTION BY THE CONTRACTOR. AFTER THE WORK HAS BEEN SUBSTANTIALLY COMPLETED, SAID MAILBOXES AND SIGNS SHALL BE RESET AT A LOCATION SPECIFIED BY THE ENGINEER. THE COST OF THIS WORK SHALL BE CONSIDERED AS AN INCIDENTAL COST TO THE CONTRACT WITH NO ADDITIONAL COMPENSATION ALLOWED. ANY SIGN DAMAGED OR LOST SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. TEMPORARY STOP SIGNS SHALL BE PLACED AS REQUIRED BY THE VILLAGE AS PART OF THE TRAFFIC CONTROL AND PROTECTION PAY ITEM.

7. USE OF VILLAGE WATER:

THE CONTRACTOR WILL BE PERMITTED USE OF THE VILLAGE WATER UPON 24-HOUR NOTICE TO THE VILLAGE AND PAYMENT OF ANY APPLICABLE FEES.

8. EXPANSION JOINTS IN CONCRETE CONSTRUCTION:

EXPANSION JOINTS OF THE THICKNESS SPECIFIED SHALL BE PLACED AT ALL LOCATIONS SHOWN ON THE DRAWINGS AS SPECIFIED IN THE SPECIAL PROVISIONS, OR AS DIRECTED BY THE ENGINEER. THE COST OF FURNISHING AND PLACING ALL EXPANSION JOINT MATERIAL SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT PRICE FOR THE VARIOUS CONCRETE CONSTRUCTION ITEMS OF WORK.

9. BEFORE STARTING ANY EXCAVATIONS, THE CONTRACTOR SHALL CALL "U.I.L.I.E." AT 811 (OR 800-882-4123) FOR FIELD LOCATIONS OF BURIED ELECTRIC, CABLE TELEVISION, FIBER OPTIC, GAS FACILITIES, WATER MAINS AND / OR SEWERS. 48 HOUR NOTIFICATION SHALL BE REQUIRED FOR EACH INSTANCE.

10. BARRICADES (AS NEEDED):

THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR TYPE II BARRICADE. ONE (1) WEIGHTED SANDBAG ACROSS EACH BOTTOM RAIL OF THE BARRICADE.

11. THE CONTRACTOR SHALL MAKE ALL SAW CUTS REQUIRED FOR THE REMOVAL OF CONCRETE CURB & GUTTER, CONCRETE SIDEWALK, ASPHALT PAVEMENTS OR AS DIRECTED BY THE ENGINEER. THE COST FOR SAW CUTTING SHALL BE INCIDENTAL TO THE ASSOCIATED WORK ITEM AND SHALL NOT BE MEASURED SEPARATELY FOR PAYMENT.

UPRR AND SPECIAL REQUIREMENTS

- THE CONTRACTOR IS TO SUBMIT TO THE RAILROAD FOR REVIEW AND APPROVAL THE PROCEDURE AND THE SCHEDULE FOR THE PROPOSED INSTALLATION.
- THE CONTRACTOR MUST MONITOR AND RECORD TOP OF RAIL ELEVATION, BALLAST MOVEMENT AND TRACK ALIGNMENT DURING INSTALLATION OF THE PROPOSED PIPE. THE MOVEMENT SHALL BE WITHIN 1/4 OF AN INCH OR LESS AS DEFINED BY THE LOCAL MTM. DISPLACEMENT EXCEEDING THE LIMITS DEFINED MUST BE IMMEDIATELY REPORTED TO THE RAILROAD. ALL WORK ON THE PROJECT MUST STOP AND THE RAILROAD MAY TAKE ANY ACTION NECESSARY TO ENSURE SAFE PASSAGE OF TRAINS. THE CONTRACTOR MUST IMMEDIATELY SUBMIT CORRECTIVE ACTION PLANS TO THE RAILROAD FOR REVIEW AND APPROVAL. THE RAILROAD MUST REVIEW AND APPROVE THE PROPOSED REPAIR PROCEDURE. THE REPAIR MUST BE INSPECTED BY THE RAILROAD BEFORE THE TRACK CAN BE PLACED BACK IN SERVICE.
- ANY SHORING SYSTEM THAT IMPACTS THE RAILROAD'S OPERATION AND/OR SUPPORTS THE RAILROAD'S EMBANKMENT SHALL BE DESIGNED AND CONSTRUCTED PER RAILROAD GUIDELINES FOR TEMPORARY SHORING.
- ALL SAFETY PRECAUTIONS AND MEASURES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE COSTS FOR TEMPORARY FENCING, FLAG MEN AND SIGNAGE TO PROTECT WORKERS, PEDESTRIANS AND VEHICULAR TRAFFIC SHALL BE BORNE BY THE CONTRACTOR.
- THE CONTRACTOR SHALL BEAR THE COST FOR ANY AND ALL LIABILITY AND COMPREHENSIVE INSURANCE(S) REQUIRED BY THE UNION PACIFIC RAILROAD, METRA PASSENGER SERVICES AND THE VILLAGE OF WINFIELD. ALL REQUIRED INSURANCE SHALL BE ACQUIRED PRIOR TO COMMENCEMENT AND MAINTAINED THROUGHOUT THE COURSE OF THE PROJECT UNTIL FINAL ACCEPTANCE BY THE UNION PACIFIC RAILROAD, METRA PASSENGER SERVICES AND THE VILLAGE OF WINFIELD.
- THE CONTRACTOR SHALL COORDINATE AND COOPERATE FULLY WITH REPRESENTATIVES OF UNION PACIFIC, METRA AND THE VILLAGE OF WINFIELD. ANY LIMITATION ON WORK HOURS SHALL BE STRICTLY ADHERED TO.

I.D.O.T. DIST. 1 APPLICABLE HIGHWAY STANDARDS

STANDARD NO.	TITLE
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCED CONCRETE BARS
001006	DECIMAL OF INCH AND FOOT
420001-07	PAVEMENT JOINTS
424001-05	CURB RAMPS FOR SIDEWALK
602001-01	CATCH BASIN - TYPE A
602301-02	INLET - TYPE A
602306-02	INLET - TYPE B
602401-02	MANHOLE - TYPE A
602601-02	PRECAST CONCRETE FLAT TOP SLAB
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS - TYPE 1
604051-03	FRAME AND GRATE - TYPE 11
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB & GUTTER
641006-01	SIGHT SCREEN WOOD PLANK FENCE TYPE P
664001-02	CHAIN-LINK FENCE
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS

BENCHMARKS:

REFERENCE BENCHMARK:
BRONZE MARKER ON SOUTHWEST WING WALL SET BY DUPAGE COUNTY ON WINFIELD ROAD AT THE BRIDGE OVER WINFIELD CREEK (BM 30)
ELEV. 714.98 (U.S.G.S.-N.G.V.D.)

SITE BENCHMARK #1:
NORTHWEST CORNER OF EXISTING CONCRETE SLAB OF THE PAY BOOTH AT THE SOUTHWEST CORNER OF THE EXISTING METRA PARKING LOT
ELEV. 737.22 (U.S.G.S.-N.G.V.D.)

SITE BENCHMARK #2:
BURY TAG BOLT ON THE FIRE HYDRANT AT THE NORTH END OF (SOUTH) CHURCH ST.
ELEV. 730.80 (U.S.G.S.-N.G.V.D.)

SEE BILL OF MATERIALS ON SHTS. S1, S4, S7 & S15 FOR BREAKDOWN OF STRUCTURAL QUANTITIES

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Design	J.B.				
Drawn	D.B.E.				
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PROJECT
PEDESTRIAN UNDERPASS AT METRA STATION WINFIELD, ILLINOIS

SHEET TITLE
APPLICABLE HIGHWAY STANDARDS, GENERAL NOTES & SUMMARY OF QUANTITIES

SCALE	PROJECT NO.	SHEET
NONE	WF-451	No. C2
	DATE	Of C11
	DEC. 19, 2008	