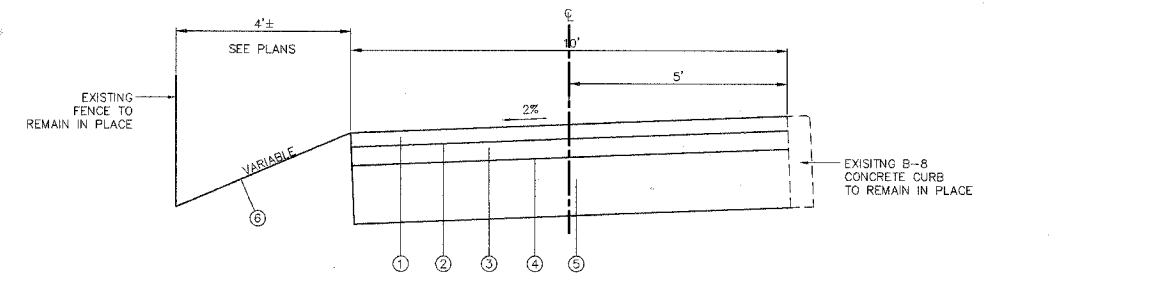
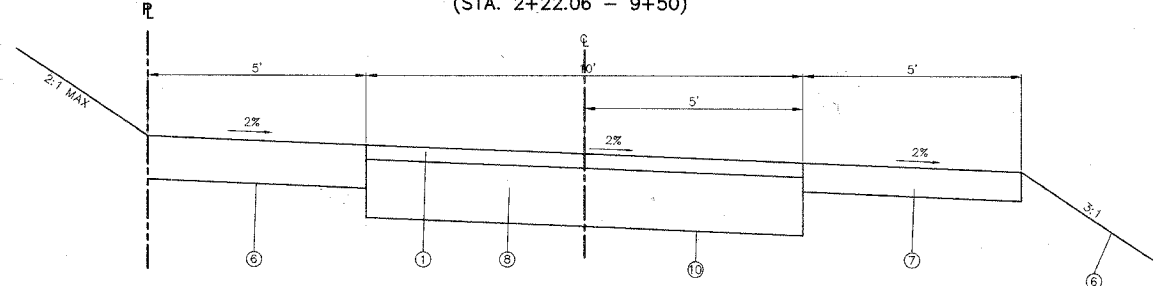


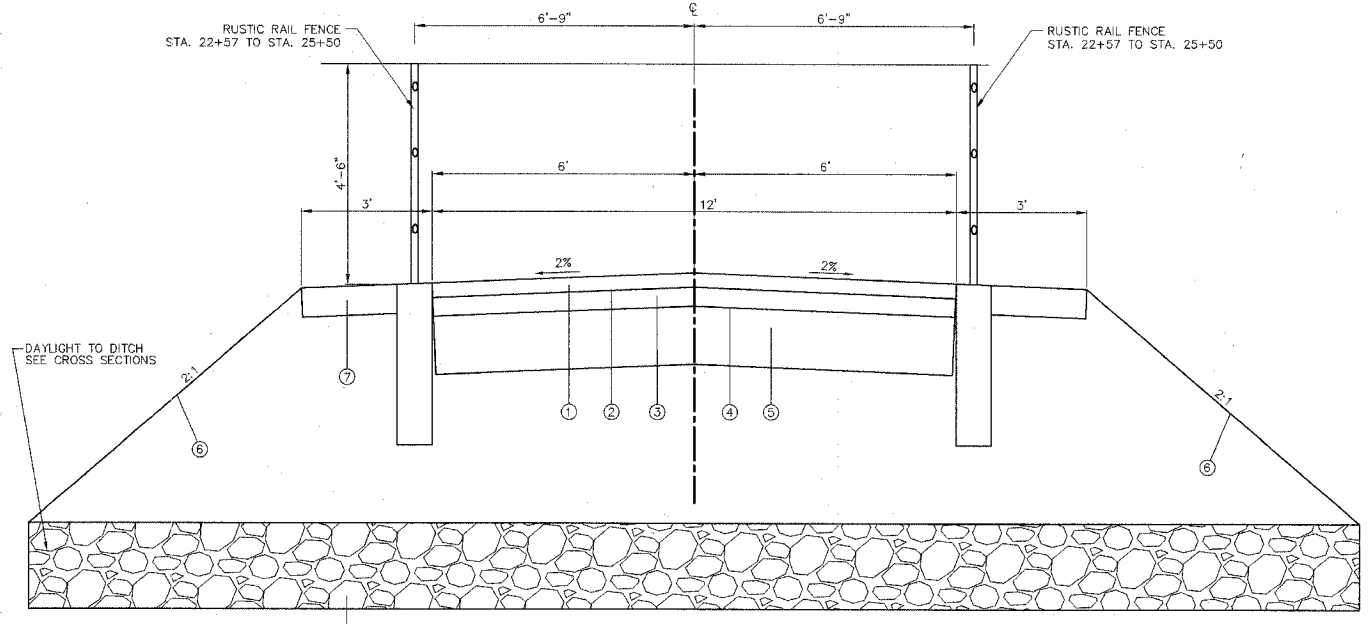
TYPICAL SECTION BIKE PATH
 (STA. 25+50 - 26+19.25)



TYPICAL SECTION BIKE PATH
 (STA. 2+22.06 - 9+50)



TYPICAL SECTION PEDESTRIAN PATH
 STA. 121+45 TO STA. 129+84.81



TYPICAL SECTION BIKE PATH
 (STA. 22+57 - 25+50)

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	CONSTR. TYPE CODE	CONSTR. TYPE CODE
20100500	TREE REMOVAL, ACRES	ACRE	2.8		Y077
20200100	EARTH EXCAVATION	CU YD	3,304		
20400800	FURNISHED EXCAVATION	CU YD	5,142		
20700220	POROUS GRANULAR EMBANKMENT	CU YD	1,300		
20800150	TRENCH BACKFILL	CU YD	19		
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	2,012		
21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	15,038		
25000100	SEEDING, CLASS 1	ACRE	2.83		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	282		
25000500	PHOSPHOROUS FERTILIZER NUTRIENT	POUND	282		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	282		
25100630	EROSION CONTROL BLANKET	SQ YD	15,038		
28000300	TEMPORARY DITCH CHECKS	EACH	4		
28000400	PERIMETER EROSION BARRIER	FOOT	4,300		
28000500	INLET AND PIPE PROTECTION	EACH	11		
28100700	STONE DUMPED RIPRAP, CLASS A-4	SQ YD	11.6		
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	2,012		
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	1,859		
40300100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	1,805		
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	186		
40600300	AGGREGATE (PRIME COAT)	TON	4		
42001300	PROTECTIVE COAT	SQ YD	1,440		
42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SQ FT	250		
44000100	PAVEMENT REMOVAL	SQ YD	961		
44000300	CURB REMOVAL	FOOT	95		
44023500	CURB REMOVAL (PARTIAL)	FOOT	20		
48101498	AGGREGATE SHOULDERS, TYPE B 4"	SQ YD	746		
50200100	STRUCTURE EXCAVATION	CU YD	992		
50300120	PREFORMED JOINT SEAL 2 1/2"	FOOT	15		
50300150	NEOPRENE EXPANSION JOINT, 2"	FOOT	13		
50300155	NEOPRENE EXPANSION JOINT, 2-1/2"	FOOT	39		
50300180	NEOPRENE EXPANSION JOINT, 4"	FOOT	13		
50300225	CONCRETE STRUCTURES	CU YD	322		
50300255	CONCRETE SUPERSTRUCTURE	CU YD	259		
50300310	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	12		
50300320	ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	4		
50300330	ELASTOMERIC BEARING ASSEMBLY, TYPE III	EACH	4		
50500495	FURNISHING AND ERECTING STRUCTURAL STEEL	LBS	746		
50500505	STUD SHEAR CONNECTORS	EACH	3,632		
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	174,080		
51000105	PIPE HANDRAIL	FOOT	168		
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTION 12"	EACH	2		
54213659	PRECAST REINFORCED CONCRETE FLARED END SECTION 24"	EACH	1		
54213667	STEEL END SECTIONS 12"	EACH	4		
54213670	STEEL END SECTIONS 15"	EACH	3		
54213682	STEEL END SECTIONS 27"	EACH	4		
54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	4		
54200217	PIPE CULVERTS, CLASS D, TYPE 1 12"	FOOT	40		
54200220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	85		
54200232	PIPE CULVERTS, CLASS D, TYPE 1 27"	FOOT	44		
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	10		
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	24		

SUMMARY OF QUANTITIES (CONT'D)

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	CONSTR. TYPE CODE	CONSTR. TYPE CODE
55100700	STORM SEWER REMOVAL 15"	FOOT	4		
55101200	STORM SEWER REMOVAL 24"	FOOT	18		
56103000	DUCTILE IRON WATER MAIN 6"	FOOT	9		
56400100	FIRE HYDRANTS TO BE MOVED	EACH	1		
58700200	BRIDGE SEAT SEALER	SQ FT	194		
60203905	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME CLOSED LID	EACH	1		
60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE B GRATE	EACH	2		
60266600	VALVE BOXES TO BE ADJUSTED	EACH	4		
60600605	CONCRETE CURB, TYPE B	FOOT	95		
60400305	CHAIN LINK FENCE, 6"	FOOT	5,705		
66407600	CHAIN LINK GATES, 6' X 12' DOUBLE	EACH	2		
66410300	CHAIN LINK FENCE REMOVAL	FOOT	48		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6		
67100100	MOBILIZATION	L SUM	1		
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	20		
80400100	ELECTRIC SERVICE INSTALLATION	EACH	2		
81000400	CONDUIT IN TRENCH, 1 1/4" DIA., GALVANIZED STEEL	FOOT	325		
81100500	CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., GALVANIZED STEEL	FOOT	1,025		
81300220	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	24		
81300420	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 10" X 8" X 6"	EACH	6		
81500200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	325		
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	300		
81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	4,500		
81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	975		
X0320139	TEMPORARY CONSTRUCTION FENCE	FOOT	1,331		
X0321072	BRIDGE FENCE RAILING	FOOT	1,540		
X0322508	PEDESTRIAN TRUSS SUPERSTRUCTURE	SQ FT	1,810		
X0322671	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	235		
X0322871	MAINTENANCE OF EROSION CONTROL SYSTEM	L SUM	1		
X0323868	DRAINAGE RESTRICTOR	EACH	1		
X0330200	SANITARY MANHOLES TO BE ADJUSTED	EACH	1		
X4066414	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE MIX "C", N50	TON	434		
X4066614	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N50	TON	268		
X8250005	CONTROLLER, STREET LIGHTING	EACH	2		
XX000372	TEMPORARY AGGREGATE	TON	25		
XX003817	GRATING FOR CONCRETE FLARED END SECTION 12"	EACH	2		
XX004056	MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	9,900		
Z0003900	BICYCLE RAILING	FOOT	700		
Z0008230	DRILLED SHAFT IN SOIL 30"	FOOT	216		
Z0008236	DRILLED SHAFT IN SOIL 36"	FOOT	36		
Z0013798	CONSTRUCTION LAYOUT	L SUM	1		
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1		
Z0055800	RUSTIC RAIL FENCE	FOOT	590		
XX0006143	SUPPLY AND INSTALL COLD CATHODE LIGHTING SYSTEM	L SUM	1		
XX0006144	SEEDING, MESIC PRAIRIE	ACRE	0.15		0.15
XX0005920	SEEDING, WET PRAIRIE	ACRE	0.20		0.20
X8250320	PHOTO CELL	EACH	2		
Z0017900	DRAINAGE SCUPPERS	EACH	4		
Z0018000	DETECTABLE WARNINGS	SQ FT	94		94
Z0018200	DRAINAGE SYSTEM	L SUM	1		
Z0026600	TRAPVEES	L SUM	500		

BITUMINOUS MIXTURE REQUIREMENTS

MIXTURE USES	BIT. CONC. BINDER SUPERPAVE	BIT. CONCRETE SURFACE CSE. SUPERPAVE
AC / PG:	PG 58-22	PG 64-22
RAP % MAX	25	15
DESIGN AIR VOIDS	4% at 50	4% at 50

Y077 - WETLAND MITIGATION AND ENHANCEMENT

* DENOTES SPECIALTY ITEM

NOTE:

RAILROAD FLAGGER TO BE PAID FOR AS EXTRA WORK UNDER ARTICLE 109.04

- ① BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX C N50 - 2"
- ② BITUMINOUS MATERIAL (PRIME COAT) (CODE NUMBER 40600100)
- ③ BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0 MM, N50 - 2 1/2"
- ④ BITUMINOUS MATERIAL (PRIME COAT) (MC-30) (CODE NUMBER 40300100)
- ⑤ AGGREGATE BASE COURSE, TYPE B, 6"
- ⑥ TOPSOIL FURNISH AND PLACE 6", SEEDING, CLASS 1
- ⑦ AGGREGATE SHOULDER TYPE B 4"
- ⑧ AGGREGATE BASE COURSE TYPE B 6"
- ⑨ POROUS GRANULAR EMBANKMENT, 2"
- ⑩ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

EARTHWORK SCHEDULE

LOCATION	EARTHWORK EXCAVATION CUBIC YARD	EXCAVATION TO BE USED IN EMBANKMENT ADJUST FOR SHRINKAGE CUBIC YARD	FURNISH & EXCAVATION CUBIC YARD	EARTHWORK BALANCE (+) OR SHRINKAGE (-) CUBIC YARD	TOPSOIL FURNISH AND PLACE SQUARE YARD
BIKE PATH					
STA. 2+22.06 TO STA. 9+50	227.6	193.5	6.0	187.5	79.6
STA. 22+00 TO STA. 26+19.25	1171.3	995.6	4989.4	-3993.8	3604.8
PEDESTRIAN PATH					
STA. 121+45 TO STA. 129+50	1905.1	1519.4	146.9	1472.5	3186.1
TOTAL	3304.0	2808.4	5142.4	-2333.8	6870.5

SHRINKAGE FACTOR: EARTH EXCAVATION: 15%

PREPARED FOR:
 WHEATON PARK DISTRICT
 666 S. MAIN STREET
 WHEATON, ILLINOIS 60187



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REVISIONS					
NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION
1	07/12/05	PEDESTRIAN PATH EXTENDED			

TYPICAL SECTIONS & SUMMARY OF QUANTITIES

PEDESTRIAN/BICYCLE PATH BRIDGE OVER UNION PACIFIC RAILROAD				
FILE NAME: DETAILS	DSGN. BY: MMH	JOB NO.: 551.007	FLD. BK./PG.: -----	SHEET NO.
DISC. NUMBER: 551007	DRN. BY: RDS	DATE: 07-12-05	SCALE: 1" = -----	3 of 54