

GENERAL NOTES

- THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2002 AND THE SPECIAL PROVISIONS OF THE PROJECT CONTRACT.
- EXCEPT WHERE DESIGNATED OTHERWISE, THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM OFFICE RECORD INFORMATION FURNISHED BY THE UTILITY OWNERS AND MUST BE CONSIDERED APPROXIMATE.
- ALL ELEVATIONS REFER TO NATIONAL GEODETIC SURVEY (N.G.S.) DATUM.
- ANY REFERENCES TO "STANDARDS" THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE THE LATEST STANDARD OF THE DEPARTMENT AS SHOWN ON COVER SHEET.
- WHERE PERMANENT SURVEY MARKERS 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, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THE LOCATIONS.
- THE CONTRACTOR SHALL USE EXTREME CAUTION NEAR THE EXISTING PIPELINES CROSSING THE ROADWAY NEAR STATION 127+35. THE CONTRACTOR WILL BE REQUIRED TO NOTIFY THE PIPELINE COMPANIES IN ADVANCE OF WORKING NEAR THE PIPELINES. TELEPHONE NUMBERS FOR THE PIPELINE COMPANIES ARE SHOWN ON THE COVER SHEET OF THESE PLANS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING GEOTECHNICAL INSTRUMENTATION AT THE LOCATIONS SHOWN ON THE PLANS. THIS EQUIPMENT INCLUDES THE EXISTING PIEZOMETER READOUT STATION, EXISTING SETTLEMENT PLATFORMS AND EXISTING INCLINOMETERS. THE CONTRACTOR SHALL REPAIR OR REPLACE ANY EQUIPMENT THAT IS DAMAGED BY HIS OPERATIONS. FOR PROTECTION OF THIS EQUIPMENT, THE CONTRACTOR SHALL ERECT AND MAINTAIN TEMPORARY FENCE. TEMPORARY FENCE SHALL CONSIST OF FLUORESCENT ORANGE HAZARD FENCE A MINIMUM OF 5 FEET BY 5 FEET AROUND THIS EQUIPMENT. UPON COMPLETION OF THIS PROJECT, THESE FENCES SHALL BE IN GOOD CONDITION, SHALL REMAIN IN PLACE AND SHALL BECOME THE PROPERTY OF THE CITY OF ALTON.

GENERAL LEGEND

- B-1 ● SOIL BORING LOCATION
- EXISTING SETTLEMENT PLATFORM
- I ○ EXISTING INCLINOMETER
- PROPOSED RIPRAP

SUMMARY OF QUANTITIES

SECTION 97-00208-01-GS
CONSTRUCTION TYPE CODE X171

CODE NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY
20101000	TEMPORARY FENCE	FOOT	400
20200100	EARTH EXCAVATION	CU YD	339
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	50
20400800	FURNISHED EXCAVATION	CU YD	1,668
20700110	POROUS GRANULAR EMBANKMENT	TON	272
25000200	SEEDING, CLASS 2	ACRE	3.0
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	540
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	540
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	540
25000700	AGRICULTURAL GROUND LIMESTONE	TON	12
25000750	MOWING	ACRE	3.0
25003200	INTERSEEDING, CLASS 2	ACRE	3.0
25100115	MULCH, METHOD 2	ACRE	3.0
25100630	EROSION CONTROL BLANKET	SQ YD	761
28000200	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	6
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	600
28000300	TEMPORARY DITCH CHECKS	EACH	4
28000400	PERIMETER EROSION BARRIER	FOOT	859
28100207	STONE RIPRAP, CLASS A4	TON	240
28200200	FILTER FABRIC	SQ YD	278
50200100	STRUCTURE EXCAVATION	CU YD	2,580
50300100	FLOOR DRAINS	EACH	16
50300225	CONCRETE STRUCTURES	CU YD	399
50300255	CONCRETE SUPERSTRUCTURE	CU YD	546.2
50300260	BRIDGE DECK GROOVING	SQ YD	1,773
50300300	PROTECTIVE COAT	SQ YD	2,000
50300310	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	14
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1
50500505	STUD SHEAR CONNECTORS	EACH	3,549
50800105	REINFORCEMENT BARS	POUND	25,410
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	192,380
51100100	SLOPE WALL 4 INCH	SQ YD	997
51201700	FURNISHING STEEL PILES HP12X74	FOOT	3,551
51202000	FURNISHING STEEL PILES HP14X102	FOOT	2,412
51202700	DRIVING STEEL PILES	FOOT	5,963
51203700	TEST PILE STEEL HP12X74	EACH	1
51204000	TEST PILE STEEL HP14X102	EACH	1
51204600	METAL SHOES	EACH	48
51205200	TEMPORARY SHEET PILING	SQ FT	2,987
51500100	NAME PLATES	EACH	1
54003000	CONCRETE BOX CULVERTS	CU YD	131.2
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	2
60100905	PIPE DRAINS 4"	FOOT	40
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	18
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1
X0301280	PLUG EXISTING DRAINS	EACH	2
X0003428	PIPE CULVERT REMOVAL (36")	FOOT	40
Z0002600	BAR SPLICERS	EACH	122
Z0010500	CLEANING CULVERTS	L SUM	1
Z0013825	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	90
Z0022300	EXTEND SETTLEMENT PLATFORMS	EACH	1
Z0041500	PLUG EXISTING CULVERTS	EACH	4
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1
67100100	MOBILIZATION	L SUM	1

LOCATION	STRUCTURE EXCAVATION (CU. YD.)
STA. 118+60 BOX CULVERT SEE TYPICAL SECTION SHEET NO. 4	2,203
STA. 123+87.66 TO STA. 126+50.73 BRIDGE SEE SHEET NO. 12	377
TOTAL	2,580

LOCATION	EARTH EXCAVATION (CU. YD.)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE * (CU. YD.)	EMBANKMENT (FILL) (CU. YD.)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU. YD.)	FURNISHED EXCAVATION (CU. YD.)
118+55 TO 119+25	339	254	0	+254	
121+00 TO 123+87.66	0	0	1,922	-1,922	
TOTALS	339	254	1,922	-1,668	1,668

* ASSUME SHRINKAGE FACTOR = 25%

REVISIONS					
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CITY OF ALTON, ILLINOIS
SECTION 97 - 00208 - 01 - GS
INDIANA AVE. EXTENSION - PHASE II
SUMMARY OF QUANTITIES, GENERAL NOTES & LEGEND

DWG. NO.
CONTROL POINTS.DWG
REF. BK. - PG. -
JOB NO. 406365.1
DSN. BY: DEG
CHK. BY: DEG
DATE: APRIL, 2005
SCALE: NONE
SHEET 2 OF 34