

SUMMARY OF QUANTITIES				
	ITEM	UNIT	TOTAL QUANTITY	SN 053-4199 X080
20200100	EARTH EXCAVATION	CU YD	316	316
20300100	CHANNEL EXCAVATION	CU YD	355	355
20400800	FURNISHED EXCAVATION	CU YD	536	536
20700110	POROUS GRANULAR EMBANKMENT	TON	170	170
25001000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.4	0.4
28100107	STONE RIPRAP, CLASS A4	SQ YD	360	360
28200200	FILTER FABRIC	SQ YD	360	360
35100100	AGGREGATE BASE COURSE, TYPE A	TON	795	795
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	407	407
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	135	135
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	98	98
48101200	AGGREGATE SHOULDERS, TYPE B	TON	218	218
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	1
50300225	CONCRETE STRUCTURES	CU YD	28.4	28.4
50300280	CONCRETE ENCASEMENT	CU YD	3.4	3.4
50400605	PRECAST PRESTRESSED CONCRETE DECK BEAMS (33" DEPTH)	SQ FT	2324	2324
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	2840	2840
* 50900205	STEEL RAILING, TYPE S1	FOOT	174	174
51201600	FURNISHING STEEL PILES HP12X53	FOOT	405	405
51202305	DRIVING PILES	FOOT	405	405
51203600	TEST PILE STEEL HP12X53	EACH	1	1
51500100	NAME PLATES	EACH	1	1
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	310	310
60109580	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	140	140
* 63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	4	4
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1(SPECIAL) TANGENT	EACH	4	4
67100100	MOBILIZATION	L SUM	1	1
70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1	1
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4

\* SPECIALITY ITEM  
^ SEE SPECIAL PROVISIONS

**GENERAL NOTES**

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2007", (HERE IN AFTER REFERRED TO AS THE STANDARD SPECIFICATIONS; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" ADOPTED JANUARY 1, 2010; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS"; THE DETAILS IN THE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE DOCUMENTS.
- 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 MARKS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- ANY REFERENCE TO A STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE THE LATEST STANDARD OF THE DEPARTMENT.
- THE LOCATION ON THE PLANS OF EXISTING DRAINAGE STRUCTURES, TELEPHONE LINES, ELECTRIC LINES, WATER SERVICE LINES, GAS MAINS, AND OTHER UTILITY FACILITIES AS SHOWN ON THE PLANS ARE BASED ON FIELD INVESTIGATIONS AND THE BEST INFORMATION AVAILABLE, BUT THE LOCATIONS ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE INDIVIDUAL UTILITY COMPANIES AND BY FIELD INSPECTION.
- THE CONTRACTOR SHALL PROVIDE ACCESS TO ADJUTING PROPERTY AT ALL TIMES DURING CONSTRUCTION. OF THE PROJECT.
- THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER IN REGARD TO THE EXACT LENGTH OF PIPE CULVERTS BEFORE ORDERING THIS ITEM
- THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES  
AGGREGATE BASE COURSE: 2.05 TON/CU.YD.  
RIPRAP SPECIAL: 1.75 TON/CU.YD.  
HMA SURFACE COURSE 112 LBS/INCH DEPTH/SQ. YD.  
LEVELING BINDER 112 LBS/INCH DEPTH/SQ. YD.  
BITUMINOUS MATERIALS (PRIME COAT) 0.35 GAL/SQ. YD.
- THE AREA TO BE SEEDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT OF WAY OR AS DIRECTED BY THE ENGINEER. SEEDING, CLASS 2 (SPECIAL) = 0.4 ACRES
- THE FINAL SURFACE OF ALL EMBANKMENT AREAS SHALL BE SEEDED. THE TOP 4 INCHES OF THE SEEDED AREAS SHALL BE VEGETATIVE SUSTAINING SOIL SUBJECT TO THE APPROVAL OF THE ENGINEER. THE COST OF SHAPING THE SLOPES AND PROVIDING VEGETATION SUSTAINING SOIL WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF FURNISHED EXCAVATION.

	HMA BINDER	HMA SURFACE
PG GRADE **	PG64-22	PG64-22
DESIGN AIR	4% @	4% @
VOIDS	N50	N50
MIXTURE COMPOSITION	IL 19.0	IL 12.5 OR IL 9.5
FRICTION		
AGGREGATE		MIXTURE C
DENSITY TEST METHOD	CORES	CORES

\*\* WHEN MORE THAN 20% RAP IS USED, A SOFTER ASPHALT BINDER (PG58-22) MAY BE REQUIRED AS DETERMINED BY THE ENGINEER