

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5100 04-00526-00-BR	WINNEBAGO	IL	17	2
STA.	TO STA.			
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	BHM-5099(63)	
CONTRACT NO. 85358				

GENERAL NOTES

- THE CONSTRUCTION SHALL BE GOVERNED BY THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", CURRENT EDITION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING THE UTILITY COMPANIES LOCATE THEIR FACILITIES ON SITE PRIOR TO ANY CONSTRUCTION AND WILL BE HELD RESPONSIBLE FOR THE MAINTENANCE AND PRESERVATION OF THEIR FACILITIES. THE CONTRACTOR, ON SITE, SHALL DETERMINE THE EXACT LOCATIONS OF THE UTILITIES. THE CONTRACTOR SHALL CALL J.U.L.I.E. @ 1-800-892-0123 FOR UTILITY LOCATIONS.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR REPAIRS TO ANY UTILITY LINES AND EXISTING IMPROVEMENTS TO REMAIN THAT ARE DAMAGED AS A RESULT OF THE WORK.
- ADJUSTMENTS OF PROPOSED GRADES TO MATCH EXISTING ENTRANCES OR OTHER FIELD CONDITIONS MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS.
- ACCESS SHALL BE MAINTAINED TO ALL PROPERTIES DURING ALL STAGES OF CONSTRUCTION.
- EXCESS MATERIAL, IF NOT USED FOR OTHER ON-SITE PURPOSES, SHALL BE COMPLETELY REMOVED FROM THE CONSTRUCTION SITE AND DISPOSED OF OFF-SITE BY THE CONTRACTOR.
- THE WORK AREA SHALL BE POSITIVELY DRAINED DURING CONSTRUCTION. FINAL GRADES SHALL BE PROTECTED AGAINST DAMAGE FROM EROSION, SEDIMENTATION, AND TRAFFIC.
- WHERE PROPOSED CONSTRUCTION ABUTS EXISTING APPURTENANCES, A SAWCUT SHALL BE MADE TO ACHIEVE A NEAT BUTT JOINT. THE SAWCUT IS TO BE INCLUDED IN THE COST OF THE BUTT JOINT.
- 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 MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCY IMMEDIATELY.

SUMMARY OF QUANTITIES

CONSTRUCTION TYPE CODE X028-2A

CODE NO.	DESCRIPTION	QUANTITY	UNITS
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	86
20200100	EARTH EXCAVATION	CU YD	375
20400800	FURNISHED EXCAVATION	CU YD	40
20900110	POROUS GRANULAR BACKFILL	CU YD	202
28000300	TEMPORARY DITCH CHECKS	EACH	3
28000400	PERIMETER EROSION BARRIER	FOOT	319
28100101	STONE RIPRAP, CLASS A1	SQ YD	88
28100107	STONE RIPRAP, CLASS A4	SQ YD	88
28200200	FILTER FABRIC	SQ YD	88
31100900	SUB-BASE GRANULAR MATERIAL, TYPE A 10"	SQ YD	634
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	302
40600980	BITUMINOUS SURFACE REMOVAL - BUTT JOINT	SQ YD	160
42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5"	SQ FT	346
44000100	PAVEMENT REMOVAL	SQ YD	401
48100300	AGGREGATE SHOULDERS, TYPE A 4"	SQ YD	1919
50100200	REMOVAL OF EXISTING STRUCTURE	L SUM	1
50900805	PEDESTRIAN RAILING	FOOT	80
51500100	NAME PLATES	EACH	1
54001000	BOX CULVERT END SECTIONS	EACH	8
54021010	PRECAST CONCRETE BOX CULVERT 10' X 10' (M273)	FOOT	213.5
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	139
63000005	STEEL PLATE BEAM GUARDRAIL, TYPE B	FOOT	225
63000155	STEEL PLATE BEAM GUARDRAIL, ATTACHED TO STRUCTURES (SPECIAL)	FOOT	100
63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	4
63200310	GUARDRAIL REMOVAL	FOOT	17
66410200	CHAIN LINK FENCE (SPECIAL)	FOOT	100
66410300	CHAIN LINK FENCE REMOVAL	FOOT	104
66700305	PERMANENT SURVEY MARKER, TYPE II	EACH	1
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	3
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1
78000200	THERMOPLASTIC PAVEMENT MARKING-LINE 4"	FOOT	520
78200410	GUARDRAIL MARKERS, TYPE A	EACH	9
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
XX002053	LANDSCAPE RESTORATION	L SUM	1
X4066414	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50	TON	102
X4066614	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N50	TON	112
Z0013798	CONSTRUCTION LAYOUT	L SUM	1

• SEE SPECIAL PROVISIONS AND/OR DETAILS IN PLANS

LEGEND

- CONTROL POINT
- POWER POLE
- DECIDUOUS TREE
- EXISTING SIGN
- MANHOLE
- SANITARY SEWER LINE
- EXISTING R.O.W.
- TREE LINE
- EXISTING FENCE
- EXISTING GUARDRAIL
- PROPOSED R.O.W.
- PROPOSED FENCE

FURNISHED EXCAVATION SUMMARY

DESCRIPTION	QUANTITY	UNITS
A. EARTH EXCAVATION (CROSS SECTIONS)	375	CU YD
B. ADJUSTED EARTH EXCAVATION (A*(1-0.25))	281	CU YD
C. EMBANKMENT (CROSS SECTIONS)	318	CU YD
D. FURNISHED EXCAVATION (C-B)	40	CU YD

••• PAY ITEMS

BITUMINOUS MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT.

LOCATION(S):	HORACE AVE. STA. 11+60.00 TO STA. 13+60.00	
MIXTURE USE(S):	SURFACE COURSE	BINDER COURSE
AC/PG:	PG 64-22	PG 64-22
RAP %: (MAX)**	15%	25%
DESIGN AIR VOIDS:	4% @ Ndes = 50	4% @ Ndes = 50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5 OR IL 12.5	IL 19.0
FRICTION AGGREGATE:	MIXTURE C	N/A
MIXTURE WEIGHT:	112 LB/SQ YD/IN	112 LB/SQ YD/IN
THICKNESS:	2.5 IN***	3.5 IN

•• IF > 15% RAP IS USED, THE CONTRACTOR MAY BE REQUIRED TO USE A SOFTER GRADE OF ASPHALT AS DETERMINED BY THE MATERIALS ENGINEER.

•••• SURFACE COURSE SHALL BE PAVED IN ONE LIFT.

EDGE OF PAVEMENT STATION, OFFSET, & ELEVATION

STATION	OFFSET LT.	ELEV. LT.	OFFSET RT.	ELEV. RT.	CL. ELEV.
11+60.00	-12.00	729.31	12.00	729.31	729.67
11+75.00	-12.00	729.39	12.00	729.39	729.75
12+00.00	-12.00	729.52	12.00	729.52	729.88
12+25.00	-12.23	729.65	12.00	729.66	730.02
12+50.00	-13.50	729.72	13.30	729.73	730.13
12+75.00	-13.50	729.74	13.50	729.74	730.15
13+00.00	-13.50	729.67	13.50	729.67	730.07
13+25.00	-12.91	729.52	13.35	729.50	729.90
13+50.00	-12.00	729.33	12.00	729.33	729.69
13+60.00	-12.00	729.25	12.00	729.25	729.61

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.U. 5100 SECTION 04-00526-00-BR CITY OF ROCKFORD, IL HORACE AVE. OVER S. FORK KENT CREEK
NAME	DATE	
		SUMMARY OF QUANTITIES AND GENERAL NOTES

SCALE: VERT. _____
HORIZ. _____
DATE 03/22/05

DRAWN BY: RLA
CHECKED BY: JDS



LAYOUT: RLA 02/23/05
DRAWN: RLA 02/25/05
REVIEWED: JDS 03/11/05
PROJECT: 04-00526-00-BR
SHEET: 2 OF 17