

SUMMARY OF QUANTITIES			
CODE NO.	ITEM	CONSTRUCTION CODE X020-2A	
		UNIT	TOTAL
20200100	EARTH EXCAVATION	CU YD	190
20300100	CHANNEL EXCAVATION	CU YD	250
20400800	FURNISHED EXCAVATION	CU YD	10
20700110	POROUS GRANULAR EMBANKMENT	TON	74
25001000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.3
28000305	TEMPORARY DITCH CHECKS	FOOT	16
28000400	PERIMETER EROSION BARRIER	FOOT	495
28101500	RIPRAP, SPECIAL	SQ YD	277
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	510
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50300225	CONCRETE STRUCTURES	CU YD	28.6
50300255	CONCRETE SUPERSTRUCTURE	CU YD	72.8
50300280	CONCRETE ENCASEMENT	CU YD	13.6
50300300	PROTECTIVE COAT	SQ YD	203
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	24,130
50900205	STEEL RAILING, TYPE S1	FOOT	114
51201400	FURNISHING STEEL PILES HP10X42	FOOT	540
51202305	DRIVING PILES	FOOT	540
51203400	TEST PILE STEEL HP10X42	EACH	2
51500100	NAME PLATES	EACH	1
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	68
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	28
60109580	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	100
67100100	MOBILIZATION	L SUM	1
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4

^ SEE SPECIAL PROVISIONS

* SPECIALTY ITEMS

HORIZONTAL ALIGNMENT		
LOCATION	NORTHING	EASTING
P.O.B. STA. 5+00.00	1424254.4000	886181.5200
P.O.E. STA. 15+00.02	1423294.2200	886460.8800

TEMPORARY DITCH CHECKS	
	28000305 FOOT
TR 155	
LT STA. 8+75.00	8
RT STA. 9+80.00	8
TOTAL	16

PERIMETER EROSION BARRIER	
	28000400 FOOT
TR 155	
LT STA. 8+75.00 TO LT. STA. 9+90.00	115
RT STA. 10+10.00 TO RT. STA. 12+00.00	190
LT STA. 10+10.00 TO LT. STA. 12+00.00	190
TOTAL	495

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," THESE PLANS AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.
- ALL CLEARING AND GRUBBING, FENCE REMOVAL AND REMOVAL OF EXISTING DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION. THE REMOVAL OF THE EXISTING BITUMINOUS SURFACE WILL BE PAID FOR AS EARTH EXCAVATION. ALL BITUMINOUS MATERIAL SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR IN A METHOD APPROVED BY THE ENGINEER. PROPER DISPOSAL OF BITUMINOUS MATERIAL SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE LOCATION OF EXISTING GAS MAINS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION 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.
- 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.
- THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

AGGREGATE SURFACE COURSE, TYPE B	2.05 TON/CU YD
POROUS GRANULAR EMBANKMENT	2.00 TON/CU YD
- THE AREA TO BE SEEDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE R.O.W. AS DIRECTED BY THE ENGINEER.
- THE TOP SURFACE OF THE DECK SHALL BE SCREEDED WITH A STRAIGHT EDGE AND THEN FINISHED WITH A WOODEN HAND FLOAT. FURTHER FINISHING SHALL BE DELAYED UNTIL THE WATER SHEEN APPEARS, BUT NOT TO THE POINT OF RENDERING FURTHER MANIPULATION INEFFECTIVE. THE SURFACE THEN SHALL BE ROUGHENED WITH A SUITABLE STIFF-BRISTLED BROOM OR WIRE BRUSH DRAWN IN TRANSVERSE DIRECTION REMOVING ANY LAITANCE PRESENT AND BREAKING UP THE WATER SHEEN. THE CORRUGATIONS FORMED SHALL BE UNIFORM IN APPEARANCE AND IN NO CASE MORE THAN 1/4 INCH IN DEPTH.
- THE REVISION NUMBER INDICATED FOR THE STANDARDS LISTED IN THE INDEX SHEETS SHALL BE USED IN THE CONSTRUCTION OF THIS SECTION.

EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION	CHANNEL EXCAVATION	SHRINKAGE FACTOR	PERCENT USED	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT REQUIRED	EARTHWORK BALANCE
	CU.YD.	CU.YD.			CU.YD.	CU.YD.	CU.YD.
TR 155							
STA 8+25 TO STA 9+70.25	122		25.00%	100.00%	92	66	26
STA 9+70.25 TO STA 10+29.75	67		25.00%	100.00%	50	188	-138
CHANNEL EXCAVATION		250	25.00%	70.00%	131	0	131
ENTRANCE						27	-27
TOTAL	189	250			273	281	-8
USE	190						-10

FURNISHED EXCAVATION = 10 CU YDS

SEEDING TABLE

LOCATION	CLASS 2 (SPECIAL)
	25001000 ACRE
TR 155	
STA. 8+25.00 TO STA. 9+70.25	0.105
STA. 10+29.75 TO STA. 12+00.00	0.122
TOTAL	0.227
USE	0.300

ROADWAY SCHEDULE

LOCATION	AGGREGATE SURFACE COURSE, TYPE B
	40200800 TON
TR 155	
STA. 8+25.00 TO STA. 9+70.25	207
STA. 10+29.75 TO STA. 12+00.00	245
ENTRANCES	58
TOTAL	510
USE	510

FILE NAME = 072445-sht-summary.dgn

USER NAME =

DESIGNED - A.S.L.

REVISED -

DRAWN - D.A.B.

REVISED -

PLOT SCALE =

CHECKED - S.W.M.

REVISED -

PLOT DATE = 5/3/2010

DATE - 03/22/10

REVISED -

STATE OF ILLINOIS
McLEAN COUNTY HIGHWAY DEPARTMENT



SUMMARY OF QUANTITIES AND GENERAL NOTES
MACKINAW RIVER ROAD

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
155	07-20124-00-BR	McLEAN	17	2
LAWDALE ROAD DISTRICT		CONTRACT NO. 91442		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT BR05-0113031		

SCALE: SHEET NO. OF SHEETS STA. TO STA.