

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	06-00045-00-SW	COOK	11	2
FEDERAL RD. DIST. NO.		ILLINOIS	FEDERAL AID PROJECT	
CONTRACT: 83966				

**LEGEND**

- x— EXISTING FENCE
- EXISTING R.O.W.
- LIMITS OF TOP SOIL AND SOD
- ~~~~~ TREE LINE
- ⊗ LIGHT POLE
- ET ELECTRIC TRANSFORMER
- ⊠ET ELECTRICAL TRANSFORMER W/CONC. PAD
- ⊕ TRAFFIC SIGNAL
- POWER POLE
- ⋄ GUY WIRE
- ⊗ TELEPHONE PEDESTAL
- HANDHOLE
- ⊕ FIRE HYDRANT
- LANDSCAPE STONE
- STORM SEWER INLET
- ▲ TREE STUMP
- ⊗ TREE OR SHRUB
- (FOUND) ○ PROPERTY PIPE (FOUND)
- ⊕ SIGN
- PK1 ▲ CONTROL POINT (PK-NAIL)
- ⊕ BM BENCHMARK
- PROPOSED STORM SEWER
- EXISTING STORM SEWER
- PROPOSED CATCH BASIN
- PROPOSED INLET

SUMMARY OF QUANTITIES				
CODE NO.	ITEM	UNIT	QTY (SFTY-1B)	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	54	
20100600	HEDGE REMOVAL	UNIT	1	
* 20101200	TREE ROOT PRUNING	EACH	12	
* 20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	3	
20200100	EARTH EXCAVATION	CU YD	100	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	185	
* 21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2,167	
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	27	
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	27	
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	27	
* 25200110	SODDING, SALT TOLERANT	SQ YD	2,167	
25200200	SUPPLEMENTAL WATERING	UNIT	10	
* 25301500	TREES	EACH	6	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	8,604	
42400800	DETECTABLE WARNINGS	SQ FT	522	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	33	
44000600	SIDEWALK REMOVAL	SQ FT	105	
44001700	COMBINATION CONCRETE CURB & GUTTER REMOVAL AND REPLACEMENT	FOOT	20	
55019500	STORM SEWERS, TY 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV, 12-INCH	FOOT	35	
55019600	STORM SEWERS, TY 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV, 15-INCH	FOOT	331	
55080030	STORM SEWERS, CLASS B, TY 1, 8-INCH	FOOT	10	
55100500	STORM SEWER REMOVAL, 12-INCH	FOOT	45	
55100700	STORM SEWER REMOVAL, 15-INCH	FOOT	25	
60207605	CATCH BASIN TY C, TY 8 GRATE	EACH	4	
60236200	INLET TY A, TY 8 GRATE	EACH	2	
60255500	MANHOLES TO BE ADJUSTED	EACH	1	
60600105	CONCRETE CURB	FOOT	40	
60603800	COMB CON C & G, TY B6.12 (ABUT EX PAVE)	FOOT	176	
67100100	MOBILIZATION	L SUM	1	
70102640	TRAFFIC CONTROL & PROTECTION, STD. 701801	L SUM	1	
* 78000400	THERMOPLASTIC PAVEMENT MARKING, 6-INCH	FOOT	384	
* 78000650	THERMOPLASTIC PAVEMENT MARKING, 24-INCH	FOOT	50	
X0322494	CURB CUT	FOOT	64	
X0322916	PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER	EACH	1	
<del>XX006806</del>	HMA DRIVEWAY PAVEMENT	SQ YD	111	

\* SPECIALTY ITEMS

EARTHWORK SCHEDULE				
LOCATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU. YD.)	TOPSOIL FURNISH AND PLACE, 4" (SQ. YD.)	EARTH EXCAVATION (CU. YD.)	
HAPP ROAD STA 100+00 TO STA 111+64.72	82	589	25	
HAPP ROAD STA 10+00 TO STA 27+00	103	1575	75	
TOTAL	185	2164	100	

\* TOPSOIL REMOVAL DEPTH ESTIMATED AT 8"

**GENERAL NOTES**

- THE CONTRACTOR SHALL NOTIFY J.U.L.I.E. (800-892-0123) AT LEAST 48 HOURS PRIOR TO CONSTRUCTION FOR LOCATIONS OF UTILITIES, AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE SAME.
- THE CONTRACTOR SHALL NOTIFY THE COOK COUNTY DIVISION OF TRANSPORTATION (847-397-4145) A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION WITHIN THE COUNTY'S RIGHT OF WAY AND WITHIN 300' OF ANY COUNTY MAINTAINED SIGNAL. TRAFFIC SIGNALS AND RELATED EQUIPMENT ARE NOT ON THE J.U.L.I.E. SYSTEM.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND THE VILLAGE OF NORTHFIELD AT LEAST 48 HOURS IN ADVANCE OF CONSTRUCTION. NO UNDERGROUND WORK SHALL BE COVERED UNTIL IT HAS BEEN INSPECTED. APPROVAL TO PROCEED MUST BE OBTAINED FROM THE ENGINEER PRIOR TO POURING ANY CONCRETE AFTER FORMS HAVE BEEN SET. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM COOK COUNTY D.O.T.
- WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL ELEVATIONS, DIMENSIONS, AND CONDITIONS ON THE JOB. THE ENGINEER SHALL BE NOTIFIED AS SOON AS POSSIBLE OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN ON THESE DRAWINGS.
- ALL WORK FOR WHICH THERE IS NO SPECIFIC PAY ITEM SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT SHALL BE MADE WITH RESPECT TO INCIDENTAL WORK.
- ANY DELAY OR EXTRA COST TO THE CONTRACTOR CAUSED BY PIPELINES OR OTHER UNDERGROUND STRUCTURES OR OBSTRUCTIONS WHICH ARE NOT SHOWN ON THE DRAWINGS OR FOUND IN LOCATIONS DIFFERENT FROM THOSE INDICATED, SHALL NOT CONSTITUTE A CLAIM FOR EXTRA WORK, ADDITIONAL PAYMENT, OR DAMAGES AND SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL PUBLIC AND PRIVATE UTILITIES, EVEN THOUGH THEY MAY NOT BE SHOWN ON THE DRAWINGS. ANY UTILITY DAMAGES DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING IMMEDIATELY ANY MUD, DIRT, OR DEBRIS DEPOSITED ON ROADWAYS FROM ANY VEHICLES EXITING OR ENTERING THE SITE.
- IT IS THE CONTRACTORS RESPONSIBILITY TO GUARD AND PROTECT NEWLY POURED CONCRETE AGAINST ANY FOREIGN MARKINGS, GRAFFITI OR OTHER DAMAGE, AND AT HIS EXPENSE, REPLACE ANY SIDEWALK NOT ACCEPTABLE TO THE ENGINEER.
- ON HAPP ROAD DAILY LANE CLOSURES ARE PERMITTED BETWEEN 9:00 A.M. AND 4:00 P.M. ONLY. OTHER LANE CLOSURES SHALL BE RESTRICTED TO THE HOURS OF 8:00 A.M. TO 5:00 P.M. ALL LANES SHALL BE KEPT OPEN FOR THE REMAINING PART OF EVERYDAY.
- TRAFFIC CONTROL SHALL CONFORM TO IDOT'S HIGHWAY STANDARDS AND THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" AT ALL TIMES DURING CONSTRUCTION. TRAFFIC CONTROL SHALL INCLUDE ADVANCE WARNING LANE CLOSURE SIGNAGE, AN ARROW BOARD AND TYPE I BARRICADES WITH SANDBAGS.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGE OF NORTHFIELD.
- PROJECT IS LOCATED NEAR ZONE X AND ZONE A FLOOD PLAIN. NO FILL IS TO BE LEFT ONSITE.

**NOTE:**  
PROVIDE THERMOPLASTIC PAVEMENT MARKING FOR PEDESTRIAN CROSSWALK AND STOP BARS AT THE FOLLOWING INTERSECTIONS:

**HAPP ROAD AND NEW TRIER HIGH SCHOOL PARKING LOT**  
54 LF THERMOPLASTIC PAVEMENT MARKING-LINE, 6" WHITE  
49 LF THERMOPLASTIC PAVEMENT MARKING-LINE, 6" WHITE  
59 LF THERMOPLASTIC PAVEMENT MARKING-LINE, 6" WHITE

**HAPP ROAD AND HARDING ROAD**  
66 LF THERMOPLASTIC PAVEMENT MARKING-LINE, 6" WHITE  
13 LF THERMOPLASTIC PAVEMENT MARKING-LINE, 24" WHITE

**HAPP ROAD AND PRIVATE ROAD WAY**  
81 LF THERMOPLASTIC PAVEMENT MARKING-LINE, 6" WHITE  
22 LF THERMOPLASTIC PAVEMENT MARKING-LINE, 24" WHITE

**HAPP ROAD AND HOLDER LANE**  
75 LF THERMOPLASTIC PAVEMENT MARKING-LINE, 6" WHITE  
15 LF THERMOPLASTIC PAVEMENT MARKING-LINE, 24" WHITE



date	05-15-07	detailed	D. CHAVEZ
designed	J.LeROY	checked	A.BRYANT



VILLAGE of NORTHFIELD 2005 HAPP ROAD CMAQ LEGEND, GENERAL NOTES, EARTHWORK SUMMARY AND SUMMARY OF QUANTITIES	
project	contract
42272	
drawing	rev.
<b>G002</b>	
sheet 2	of 11 sheets
file 42272G002.dwg	