

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION," ADOPTED JANUARY 1, 2007 (REFERRED TO AS THE "STANDARD SPECIFICATIONS"). THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", MAY 1996 EDITION, THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS," LATEST EDITION, THE DETAILS INCLUDED IN THE PLANS, AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.
- ANY REFERENCES TO "STANDARDS" THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE THE LATEST STANDARD OF THE DEPARTMENT AS LISTED ON THIS SHEET.
- THE CONTRACTOR SHALL NOTIFY THE VILLAGE OF VERNON HILLS ENGINEERING DIVISION AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK, AND SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER, SPECIAL ATTENTION IS CALLED TO SECTION 107 OF THE "STANDARD SPECIFICATIONS." THE STORAGE OF EQUIPMENT AND/OR MATERIALS WITHIN THE PARKWAYS SHALL REQUIRE PRIOR APPROVAL OF THE ENGINEER.
- THE CONTRACTOR SHALL NOTIFY THE VILLAGE OF VERNON HILLS ENGINEERING DIVISION AT 847-367-3700, 48 HOURS PRIOR TO STARTING ANY WORK TO OBTAIN VILLAGE UTILITY LOCATIONS. THE CONTRACTOR SHALL ALSO CONTACT THE LAKE COUNTY PUBLIC WORKS DEPARTMENT AT 847-377-7500 FOR ALL WATER MAIN SHUTOFFS. UNDER NO CONDITIONS SHALL THE CONTRACTOR OPERATE ANY VALVES WITHIN THE PROJECT AREA.
- THE LOCATIONS OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE, AND THE DEPARTMENT DOES NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT LOCATIONS OF SUCH UTILITIES AND EXERCISE CARE DURING CONSTRUCTION OPERATIONS SO AS NOT TO DAMAGE THEM, IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND ARTICLE 105.07 OF THE "STANDARD SPECIFICATIONS". THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE UTILITY OWNERS SO THAT THEIR FACILITIES MAY BE ADJUSTED OR RELOCATED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. ALL RELOCATION WORK ON THE EXISTING PRIVATE UTILITIES WILL BE CONSTRUCTED BY THE OWNER OF THAT UTILITY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE OR DESTRUCTION OF PUBLIC AND PRIVATE PROPERTY, AND SHALL RESTORE SUCH PROPERTY AT HIS/HER OWN EXPENSE. COORDINATION OF ALL UTILITY WORK INVOLVED IN THE CONSTRUCTION AREA WILL BE DISCUSSED AT THE PRECONSTRUCTION CONFERENCE.
- THE CONTRACTOR WILL BE REQUIRED TO DISPOSE OF ALL SIDEWALK, CURB AND GUTTER, PAVEMENT, AND ALL OTHER MATERIAL EXCAVATED OR REMOVED DUE TO CONSTRUCTION OPERATIONS AT HIS EXPENSE. NO PAYMENT WILL BE MADE FOR HAULING OR TRUCKING MATERIAL TO LOCATIONS, PROVIDED BY THE CONTRACTOR OUTSIDE THE LIMITS OF THE IMPROVEMENTS.
- DURING CONSTRUCTION OPERATIONS, WHENEVER ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED BY THE CONTRACTOR AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT.
- WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE AND PUBLIC DRAINS, SEWERS OR CATCH BASINS. HE SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS, AND DISCHARGE THE SAME. HE SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET, AND BE PREPARED AT ALL TIME TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWERS ARE BUILT AND IN SERVICE. THIS WORK WILL NOT BE PAD FOR DIRECTLY, BUT SHALL BE INCLUDED IN THE CONTRACT.
- THE AGGREGATE SUB-GRADE MATERIAL, LOCATED UNDER THE PROPOSED CURB AND GUTTER WILL NOT BE MEASURED FOR PAYMENT, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT BID PRICE FOR COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12 OR TYPE B 6.24 WHICHEVER APPLIES.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO THE ABUTTING PROPERTY DURING THE CONSTRUCTION OF THIS PROJECT, EXCEPT FOR PERIODS OF SHORT DURATION AS APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED - ONE (1) WEIGHTED SANDBAG ACROSS EACH BOTTOM RAIL.
- THE LIMITS OF REMOVAL OF ALL CONCRETE OR BITUMINOUS PAVEMENTS, CURBING OR SIDEWALK ADJACENT TO EXISTING LIKE PAVEMENTS, CURBING OR SIDEWALKS SHALL BE CUT IN ACCORDANCE WITH SECTION 440 OR THE "STANDARD SPECIFICATIONS" AND AT THE DIRECTION OF THE ENGINEER. SAW CUTTING SHALL BE INCLUDED TO WHICHEVER REMOVAL ITEM IS APPLICABLE.

* BOXED ITEMS INDICATE WORK THAT IS INCIDENTAL TO THE CONTRACT

HIGHWAY STANDARDS

- 000001-05 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
- 442201-03 CLASS C AND D PATCHES
- 606001-04 CONCRETE CURB, TYPE B & COMBINATION CONCRETE CURB & GUTTER
- 701301-03 LANE CLOSURE, 2-L, 2-W SHORT TIME OPERATIONS
- 701501-05 URBAN LANE CLOSURES, 2L, 2W, UNDIVIDED
- 701901-01 TRAFFIC CONTROL DEVICES
- 780001-02 TYPICAL PAVEMENT MARKINGS

SUMMARY OF QUANTITIES

PAY CODE ITEM.	PAY ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
40600300	AGGREGATE (PRIME COAT)	TON	45
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	904
40600895	CONSTRUCTING TEST STRIP	EACH	1
40600982	HOT-MIX ASPHALT SURFACE REMOVAL- BUTT JOINT	SQYD	282
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	3,165.00
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQYD	22,606.00
44001700	COMB C C&G REM & REPL	FOOT	120
44201974	CLASS D PATCHES, TYPE I	SQYD	24
44201978	CLASS D PATCHES, TYPE III	SQYD	24
44201980	CLASS D PATCHES, TYPE IV	SQYD	30
44300900	STRIP REF CR CON TR A	FOOT	3,000.00
60300310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	14
67100100	MOBILIZATION	L SUM	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1
* 78000200	THERMOPLASTIC PAVEMENT MARKING- LINE 4"	FOOT	9,400.00
* 78000400	THERMOPLASTIC PAVEMENT MARKING- LINE 6"	FOOT	1,425.00
* 78000650	THERMOPLASTIC PAVEMENT MARKING- LINE 24"	FOOT	250
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	2,261

* DENOTED SPECIALTY ITEM

"CONTRACTOR SHALL MILL BEFORE PATCHING"

HOT-MIX ASPHALT MIX REQUIREMENTS	
MIXTURE TYPE	PERCENT AIR VOIDS @ Ndes
PAVEMENT RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	4% @ 50 Gyr
LEVELING BINDER (MACHINE METHOD), N50	4% @ 50 Gyr
PATCHING	
CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 Gyr.

NOTE:

- THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE IS 112 LBS/SQ YD/IN.
- THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

REVISIONS	
NAME	DATE
IDOT	9/14/2009
VILLAGE	10/12/2009
IDOT	10/9/2009
IDOT	10/14/2009
IDOT	10/19/2009
VILLAGE	10/21/2009
VILLAGE	3/8/2010

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2658	09-00034-00-RS	LAKE	10	2
FED. ROAD DIST. NO. 1		ILLINOIS	CONTRACT NO. 63396	

ILLINOIS DEPARTMENT OF TRANSPORTATION
VILLAGE OF VERNON HILLS

DEERPATH DRIVE
PLANS NOTES, HIGHWAY STANDARDS AND SUMMARY OF QUANTITIES

SCALE: NONE DATE: 10-12-2009
DRAWN BY: SDM CHECKED BY: DHB