INDEX OF SHEETS

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ NDES
FULL DEPTH PAVEMENT	
HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 2"	4% @ 50 GYR.
HMA BINDER COURSE, IL-19.0, N50; 6.75"	4% @ 50 GYR.
DRIVEWAYS	
HMA SURFACE COURSE, MIX "C", N50 (IL 9.5 mm); 2"	4% @ 50 GYR.
HMA BASE COURSE (HMA BINDER IL-19 mm); PE-6", CE-8"	4% @ 50 GYR.
PATCHING	
CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR.
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR.
TEMPORARY PAVEMENT	
TEMP PAVEMENT (HMA BINDER IL-19 mm); 6"	4% @ 50 GYR.
TEMP PAVEMENT PATCH (HMA BINDER IL-19mm); 6"	4% @ 50 GYR.
PAVEMENT RESURFACING	
HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 1 1/2"	4% @ 50 GYR.

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
2. 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.

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IDOT HIGHWAY STANDARDS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
424001-05	CURB RAMPS FOR SIDEWALK
442201-03	CLASS C AND D PATCHES
601001-03	SUB-SURFACE DRAINS
602001-01	CATCH BASIN, TYPE A
602401-02	MANHOLE, TYPE A
602406-03	MANHOLE, TYPE A, 6' DIAMETER
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS, TYPE 1
604056-03	FRAME AND GRATE TYPE 11V
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701501-05	URBAN LANE CLOSURE 2L, 2W UNDIVIDED
701502-03	URBAN LANE CLOSURE 2L, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701601-06	URBAN LANE CLOSURE 1W OR 2W WITH NONTRAVERSIBLE MEDIAN
701606-06	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
704001-06	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
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878001-08	CONCRETE FOUNDATION DETAILS

DISTRICT ONE STANDARD DETAILS

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BD-02	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB IS LESS THAN 15'
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BE-702	MISC ELECTRICAL DETAILS, SHEET A
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
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TC-16	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
TC-26	DRIVEWAY ENTRANCE SIGNING
TS-05	STANDARD TRAFFIC SIGNAL DESIGN DETAILS (SHEET 1 OF 4)

GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL JULIE AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED).
2. 10 FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER ITEMS OF WORK TO EXISTING CURB AND GUTTERS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.
3. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGE OF VILLA PARK.
4. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP YARD OR FIELD OFFICE ON RIGHT OF WAY OR STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
5. BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED - ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL. ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR (4) SAND BAGS AND TWO (2) FLASHING BEACONS PER BARRICADE.
6. WHERE ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
7. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1½ INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAT 45 MPH. WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED AT MINIMUM 1:3 (V:H).
8. NICOR GAS WILL MAINTAIN ALL GAS FACILITIES DURING CONSTRUCTION. HAND EXCAVATION IS REQUIRED NEAR THESE FACILITIES TO AVOID DAMAGE.
9. THE EXACT LOCATION OF PLANT PLACEMENT SHALL BE ADJUSTED IN THE FIELD TO AVOID UNDERGROUND AND OVERHEAD UTILITIES.
10. DRAINAGE: IF EXISTING DRAINAGE OR AGRICULTURAL FIELD TILE FACILITIES ARE DAMAGED OR DISTURBED BY THE CONTRACTOR, HE/SHE SHALL PROVIDE TEMPORARY OUTLETS AND CONNECTIONS FOR PRIVATE OR PUBLIC DRAINS, SEWERS AND CATCH BASINS. HE SHALL ALSO PROVIDE FACILITIES TO TAKE AND DISCHARGE ALL STORM WATER RECEIVED BY THOSE DAMAGED DRAINS AT NO EXTRA COMPENSATION UNTIL THE PERMANENT CONNECTIONS ARE MADE.
11. SAWCUTTING WILL NOT BE PAID FOR SEPARATELY BUT SHOULD BE CONSIDERED INCLUDED IN THE COST OF THE ITEM BEING REMOVED.
12. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HOT-MIX ASPHALT LIFTS.
13. TO CONVERT PROJECT ELEVATIONS TO NGVD 29 MEAN SEA LEVEL DATUM, ADD 0.10'.
14. BEFORE ORDERING STORM SEWERS, CATCH BASINS, PIPE CULVERTS, PIPE DRAINS, AND MANHOLES, THE CONTRACTOR SHALL CONTACT THE ENGINEER AS TO THE EXACT LENGTH AND QUANTITY REQUIRED.
15. ONLY METHOD 1 SHALL BE USED TO COMPACT THE TRENCH BACKFILL FOR STORM SEWERS AND WATER MAIN.
16. THE SEDIMENTATION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENT. ADDITIONAL MEASURES MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.
17. DO NOT SCALE DRAWINGS IF COORDINATES AND DIMENSIONS ARE GIVEN.
18. THE CONTRACTOR IS ADVISED THAT MUD AND DEBRIS MUST NOT BE DEPOSITED ON THE ADJACENT ROADWAYS. ANY DIRT AND DEBRIS ACCUMULATED ON THE PAVEMENT SHALL BE CLEANED BY THE CONTRACTOR WITHIN FOUR (4) HOURS OF THE INCIDENT. WORK INCLUDED IN THE COST OF PERIMETER EROSION BARRIER.
19. THE APPROXIMATE LOCATIONS OF EXISTING UTILITIES ARE SHOWN ON THE DRAWING ACCORDING TO INFORMATION OBTAINED FROM UTILITY COMPANIES AND SURVEYS. THE CONTRACTOR SHALL FIELD CHECK AND VERIFY ALL EXISTING UTILITY LOCATIONS, DIMENSIONS AND ELEVATIONS IN THE FIELD PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OF THE IMPROVEMENTS OR PROPOSED WORK. THE CONTRACTOR SHALL REPORT TO THE ENGINEER OMISSIONS AND DIFFERENCES FROM THE LOCATIONS SHOWN ON THE DRAWINGS.
20. POROUS GRANULAR EMBANKMENT SPECIAL (PGES) HAS BEEN PROVIDED AT THE LOCATIONS INDICATED FOR SOILS WHICH TEND TO BE UNSTABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER (BY USE OF A CONE PENETROMETER IN CONJUNCTION WITH THE IDOT SUBGRADE STABILITY MANUAL). IF UNSTABLE SOILS ARE ENCOUNTERED THE SOILS SHALL BE REMOVED AND REPLACED WITH PGES. IF UNSTABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY WILL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE THE CONTRACTOR.
21. RIM ELEVATIONS FOR INLETS WITH GUTTERS ARE REFERENCED FROM THE EDGE OF PAVEMENT. ALL OTHER DRAINAGE STRUCTURES SHALL BE REFERENCED FROM THE CENTER. MANHOLES, CATCH BASINS, AND INLETS' OFFSETS ARE SHOWN TO THE CENTER OF THE STRUCTURE.
22. ALL SOIL TREATMENT BY UNDERCUT AND REPLACEMENT DURING CONSTRUCTION MUST BE JUSTIFIED IN THE FIELD BY TESTING BY THE ENGINEER OR SOILS INSPECTOR. WHEREVER THERE IS EXCESS RUTTING OR MOVEMENT OBSERVED UNDER THE TRAFFIC OF CONSTRUCTION EQUIPMENT OR DURING PROOF ROLLING, THE SUBGRADE SHOULD BE TESTED WITH A CONE PENETROMETER.
23. SUBGRADE TREATMENT SHOULD BE DETERMINED BASED ON THE GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL AND THE CONE PENETROMETER READINGS. ANY PGE, SUBGRADE NOT NEEDED DURING CONSTRUCTION SHOULD BE DELETED FROM THE CONTRACT WITH NO EXTRA COMPENSATION TO THE CONTRACTOR.
24. THE CONTRACTORS ATTENTION IS CALLED TO THE FACT THAT THE PRESERVATION OF EXISTING TREES IS OF UTMOST IMPORTANCE TO THE VILLAGE OF VILLA PARK. ALL TREE PROTECTION, TREE REMOVAL, PRUNING AND ROOT PRUNING SHALL BE COMPLETED BEFORE CONSTRUCTION OPERATIONS COMMENCE IN ANY AREA. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE AND TREES UNLESS SPECIFICALLY DIRECTED BY THE ENGINEER.
25. TEMPORARY FENCE SHOULD BE ERECTED ALONG THE DRIP LINE OF EXISTING TREES TO REMAIN WITHIN THE LIMITS OF CONSTRUCTION. AFTER TREES ARE SAFELY FENCED NOTHING IS TO BE STORED, DRIVEN, OR DISTURBED INSIDE THE FENCE. REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.
26. THE CONTRACTOR SHALL TAKE EXTRA CARE IN GRADING AND EXCAVATING NEAR TREES WHICH ARE NOT MARKED FOR REMOVAL SO AS NOT TO CAUSE INJURY TO THE ROOT SYSTEM OR TRUNKS. HAND EXCAVATION SHALL BE PERFORMED IF MAJOR ROOTS ARE PRESENT. MAJOR ROOTS OF A TREE THAT ARE TO REMAIN IN PLACE EXTENDING INTO THE EXCAVATION AREAS AT AN ELEVATION THAT WOULD INTERFERE WITH ANY PORTION OF THE PLANNED CONSTRUCTION SHALL BE SEVERED AT A POINT IMMEDIATELY OUTSIDE OF THE EXCAVATION AREA IN A MANNER THAT WILL CAUSE THE LEAST AMOUNT OF SYSTEMIC DAMAGE TO THE REMAINING TREE STRUCTURE. THE EXPENSE OF ANY REQUIRED HAND EXCAVATION AS DESCRIBED ABOVE, SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT LINE ITEM BEING REMOVED OR INSTALLED AT THAT LOCATION.
27. TREE ROOT PRUNING IS TO BE USED ON EXISTING TREES TO PREVENT THE RIPPING UP OF ROOTS WHEN TRENCHING OR EXCAVATION IS WITHIN THE ROOT ZONE OF ADJACENT TREES TO REMAIN. SUPPLEMENTAL WATERING OF TREES SHOULD BEGIN IMMEDIATELY AFTER ROOT PRUNING OF THE TREES HAS OCCURRED.

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VILLAGE OF VILLA PARK, ILLINOIS

INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES

SCALE: NO SCALE | SHEET NO. 1 OF 1 SHEETS | STA. 63+19.78 TO STA. 116+71.35

F.A. U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2652	00-00070-00-PV	DuPAGE	160	2
		CONTRACT NO. 63379		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		