## **GENERAL NOTES**

- THE THICKNESS OF HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA IS PLACED.
- 2. THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL BE REQUIRED TO SAW CUT THE HMA SURFACE TO CONFORM TO THE. SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE HMA SURFACE
- 3. EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
- 4. BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.
- 5. THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.
- 6. FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.
- SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.
- 8. ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.
- 9. THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP FOUR INCHES IN AREAS TO BE SEEDED OR SODDED. THE VEGETATION SUSTAINING SOIL REQUIRED WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF FURNISHED EXCAVATION.
- 10. ON EXISTING PAVEMENT WHICH MAY BE SUPERELEVATED, THE NEW HMA PAVEMENT SHALL BE BUILT WITH THE SAME SUPERELEVATION UNLESS NEW SUPERELEVATION RATES ARE GIVEN ON THE PLANS.
- 11. ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.
- 12. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF
- 13. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS INCLUDED IN THESE PLANS.
- 14. THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS / CU YD	
ON AGGREGATE BASES BITUMINOUS MAT (PRIME COAT)	0.375 0.08	GAL / SQ YD GAL / SQ YD	
BITUMINOUS MAT (PRIME COAT) FOG COAT	0.08	GAL / SQ YD	
HMA RESURFACING TEMPORARY DITCH CHECKS	112 5	LBS / SQ YD / I TONS AGGREGATE	N / EACH

- 15. THE WORK REQUIRED TO CONNECT ANY STORM SEWER TO AN EXISTING DRAINAGE STRUCTURE OR PIPE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE
- 16. MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

TELEPHONE - AT&T

- 17. CHANNEL EXCAVATION SHALL BE COMPLETED AT THE PROPOSED STRUCTURE IN ORDER TO TIE BACK INTO THE EXISTING GROUND. THIS SECTION SHALL EXTEND ±15' UPSTREAM AND ±30' DOWNSTREAM OF THE PROPOSED STRUCTURE. LAYOUT OF CHANNEL EXCAVATION MAY BE VARIED IN THE FIELD TO SUIT GROUND CONDITIONS AS DIRECTED BY THE ENGINEER.
- 18. RIPRAP LOCATIONS MAY BE VARIED IN THE FIELD TO SUIT GROUND CONDITIONS AS DIRECTED BY THE ENGINEER.
- 19. THE FOLLOWING ITEMS AND APPROXIMATE QUANTITIES ARE INCLUDED IN THE "SCHEDULE OF PRICES" IN ORDER TO ESTABLISH A UNIT COST FOR WORK REQUIRED TO COMPLETE THE FIELD TILE RELOCATION. THE ACTUAL QUANTITY OF EACH ITEM SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

STORM SEWERS, CLASS A, TYPE 2, 8" STORM SEWER REMOVAL 8" FIELD TILE JUNCTION VAULTS, 2' DIA. 50 50 2

## **COMMITMENTS**

- A COMMITMENT HAS BEEN MADE FOR THE STATE'S RESIDENT ENGINEER TO COORDINATE WITH THE GRUNDY COUNTY HIGHWAY DEPARTMENT TO PERFORM A VIDEO INSPECTION OF ANY COUNTY ROAD THAT COULD BE USED TO GO AROUND THE CLOSURE BEFORE AND AFTER THE DETOUR IS IN EFFECT, TO DOCUMENT THE ROAD CONDITION AND TO DETERMINE IF ANY DAMAGE TO THE COUNTY SYSTEM CAN BE ATTRIBUTED TO THE STATE MARKED DETOUR BEING IN PLACE.
- 2. A COMMITMENT HAS BEEN MADE FOR THE STATE'S RESIDENT ENGINEER TO NOTIFY THE SENECA CHIEF OF POLICE AT LEAST SEVEN (7) DAYS PRIOR TO THE CLOSURE OF US ROUTE 6.
- A COMMITMENT HAS BEEN MADE TO ENSURE THE DETOUR TAKES PLACE BETWEEN JUNE 15TH AND AUGUST 15TH AND THAT IT SHALL NOT BE ENFORCED DURING THE SNOW REMOVAL MONTHS.

## **HIGHWAY STANDARDS**

000001-05 - STANDARD SYMBOLS. ABBREVIATIONS & PATTERNS

001001-02 - AREAS OF REINFORCEMENT REBARS

001006 - DECIMAL OF AN INCH AND OF A FOOT 280001-05 - TEMPORARY EROSION CONTROL SYSTEMS

482001-02 - HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT

482011-03 - HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR

WIDENING AND RESURFACING PROJECT

515001-03 - NAME PLATE FOR BRIDGES

542301-02 - PRECAST REINFORCED CONCRETE FLARED END SECTION

542401-01 - METAL END SECTION FOR PIPE CULVERT

601101-01 - CONCRETE HEADWALL FOR PIPE DRAIN

602306-02 - INLET-TYPE B 602401-02 - MANHOLE TYPE A

604001-03 - FRAME AND LIDS TYPE 1

604006-04 - FRAME AND GRATE TYPE 3

606001-04 - CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER

642001-01 - SHOULDER RUMBLE STRIPS 665001-02 - WOVEN WIRE FENCE

666001-01 - RIGHT OF WAY MARKERS

701306-02 - LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY,

FOR SPEEDS ≥ 45 MPH

701901-01 - TRAFFIC CONTROL DEVICES 780001-02 - TYPICAL PAVEMENT MARKINGS

781001-03 - TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

STATE OF HUMOIS DEPARTMENT OF TRANSPORTATION

REVIEWED BY:

Beaul ACTING DISTRICT STUDIES & PLANS ENGINEER

DATE:

08/12/10

EXAMINED BY:

DISTRICT CONSTRUCTION ENGINEER

DISTRICT MATERIALS ENGINEER

DISTRICT OPERATIONS ENGINEER

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