

**GENERAL NOTES**

**ENVIRONMENTAL REVIEWS**

PRIOR TO THE USE OF ANY PROPOSED BORROW AREAS, USE AREAS (TEMPORARY ACCESS ROADS, DETOURS, RUN-AROUNDS, ETC.) AND/OR WASTE AREAS, THE CONTRACTOR SHALL FILE THE REQUIRED ENVIRONMENTAL RESOURCE REQUEST SURVEYS ACCORDING TO SECTION 107.22 OF THE STANDARD SPECIFICATION. THESE SURVEYS ARE REQUIRED IN ORDER FOR THE DEPARTMENT TO CONDUCT CULTURAL AND BIOLOGICAL RESOURCE SURVEYS FOR THE PROPOSED SITE.

PRIOR TO ANY WASTE MATERIALS BEING REMOVED FROM THE CONSTRUCTION SITE REQUIRED ENVIRONMENTAL RESOURCE SURVEYS WILL NEED TO BE OBTAINED AND FILED BY THE CONTRACTOR. EXCESS WASTE PRODUCTS REMOVED FROM THE CONSTRUCTION SITE SHALL BE DISPOSED OF AS REQUIRED IN SECTION 202.03 OF THE STANDARD SPECIFICATIONS.

ANY PROTRUDING METAL BARS SHALL BE REMOVED PRIOR TO THE DISPOSAL OF BROKEN CONCRETE AT APPROVED DISPOSAL SITES.

THE REQUIRED ENVIRONMENTAL RESOURCE DOCUMENTATION SHALL INCLUDE THE FOLLOWING:

- \* BDE FORM 2289 (ENVIRONMENTAL SURVEY REQUEST)
- \* A LOCATION MAP SHOWING THE SIZE LIMITS AND LOCATION OF THE USE AREA
- \* SIGNED PROPERTY OWNER AGREEMENT FROM - 04 P10100
- \* COLOR PHOTOGRAPHS DEPICTING THE USE AREA
- \* BORROW AREA ENTRY AGREEMENT FROM - 04 P1101

PLEASE NOTE THAT A MINIMUM OF TWO WEEKS SHALL BE ALLOWED FOR THE DISTRICT TO OBTAIN THE REQUIRED ENVIRONMENTAL CLEARANCES.

**SEEDING - SIDESLOPE RIPPING**

ALL SLOPES STEEPER THAN 3 TO 1 AND OVER 15 FT. (4.5M) IN HEIGHT SHALL BE RIPPED. THIS SHALL CONSIST OF RIPPING BETWEEN 18 INCHES TO 24 INCHES (450 MM TO 600 MM) DEEP NORMAL TO THE SLOPE. THE INTERVAL OF RIPPING ALONG THE SLOPE SHALL BE 12 FT. (3.6M). THIS WORK SHALL BE DONE AFTER THE SEED BED HAS BEEN PREPARED BUT BEFORE ANY FERTILIZER OR SEED HAS BEEN APPLIED. THE FERTILIZER AND SEED SHALL BE APPLIED WITHIN A 24-HOUR PERIOD AFTER THE RIPPING HAS BEEN DONE. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE VARIOUS ITEMS OF SEEDING INVOLVED.

**AGGREGATE SHOULDERS, TYPE B**

AGGREGATE SHOULDERS, TYPE B SHALL BE REQUIRED FOR ALL GRANULAR CONSTRUCTION OF SIDE ROADS, ENTRANCES, AND MAILBOX TURNOUTS, WHETHER OR NOT PORTIONS OF THE SURFACE THUS CONSTRUCTED ARE TO BE COVERED WITH A BITUMINOUS SURFACE, EXCEPT WHERE NOTED DIFFERENTLY ON THE PLANS.

**AGGREGATE FOR DRIVEWAY REPLACEMENT**

THE MATERIAL USED FOR CONSTRUCTION OF PERMANENT AGGREGATE DRIVEWAYS SHALL BE GRAVEL OR CRUSHED STONE, AS DIRECTED BY THE ENGINEER, TO REPLACE IN KIND THE EXISTING AGGREGATE DRIVEWAYS.

NO ADDITIONAL COMPENSATION SHALL BE PROVIDED FOR THIS REQUIREMENT BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE PAY ITEM FOR THE AGGREGATE AS SPECIFIED ON THE PLANS.

**PAVEMENT STATIONING NUMBERS & PLACEMENT**

THE CONTRACTOR SHALL PROVIDE LABOR AND MATERIALS TO IMPRINT PAVEMENT STATION NUMBERS IN THE FINISHED SURFACE OF THE PAVEMENT AND/OR OVERLAY. THE NUMBERS SHALL BE APPROXIMATELY 3/4 INCH (20 mm) WIDE, 5 INCHES (125 mm) HIGH, AND 5/8 INCH (15 mm) DEEP.

THE PAVEMENT STATION NUMBERS SHALL BE INSTALLED AS SPECIFIED HEREIN:

INTERVAL - 200 FEET (ENGLISH STATIONING) OR 100 METERS (METRIC STATIONING)

BOTTOM OF NUMBERS - 6 INCHES (150 mm) FROM THE INSIDE EDGE OF THE PAVEMENT MARKING

LOCATION:

- \* 2, 3, & 5 LANE PAVEMENTS - RIGHT EDGE OF PAVEMENT IN DIRECTION OF INCREASING STATIONS
- \* MULTI-LANE DIVIDED ROADWAYS - OUTSIDE EDGE OF PAVEMENT IN BOTH DIRECTIONS
- \* RAMPS - ALONG BASELINE EDGE OF PAVEMENT

POSITION - STATIONS SHALL BE PLACED SO THEY CAN BE READ FROM THE ADJACENT SHOULDER

FORMAT - ENGLISH (METRIC) PAVEMENT STATIONS SHALL USE THIS FORMAT "XXX (XX+X00)" WHERE X REPRESENTS THE PAVEMENT STATION

THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED INCLUDED IN THE COST OF THE ASSOCIATED PAVEMENT AND/OR OVERLAY PAY ITEMS.

**PAVING SURFACE COURSE**

CONTINUOUS PAVING OPERATIONS ON THE MAIN ROADWAY SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE HOT-MIX ASPHALT SURFACE. NO INTERRUPTIONS FOR SIDE ROADS, ENTRANCES, TURN LANES, ETC. WILL BE ALLOWED.

**CROSSING EXISTING STRUCTURES WITH EQUIPMENT**

THE FOLLOWING STRUCTURES, SN 062-0031 (EXISTING) & SN 062-0086 (PROPOSED), MAY BE CROSSED WITH AN UNLOADED MATERIAL TRANSFER DEVICE (MTD).

ANY STRUCTURES NOT LISTED ABOVE SHALL BE VERIFIED BY THE RESIDENT PRIOR TO BEGINNING WORK.

**ORDERING LENGTH CONFIRMATION - DRAINAGE ITEMS**

THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER IN REGARD TO THE EXACT LENGTH OF THE BOX/PIPE CULVERTS, STORM SEWERS, AND/OR PIPE DRAINS REQUIRED PRIOR TO ORDERING THESE ITEMS.

**RIGHT-OF-WAY MARKERS**

WHEN INSTALLING RIGHT-OF-WAY MARKERS, CARE SHALL BE TAKEN TO NOT DISTURB ANY EXISTING PROPERTY/RIGHT-OF-WAY PINS. IF A PROPERTY/RIGHT-OF-WAY PIN IS FOUND AT THE LOCATION OF A PROPOSED RIGHT-OF-WAY MARKER, THE MARKER SHALL BE PLACED ONE (1) FOOT IN FRONT OF THE PIN.

**ENGINEERS FIELD OFFICE**

ADD THE FOLLOWING SENTENCE TO THE END OF PARAGRAPH 670.0211 AND 607.0411: ALL TELEPHONE LINES PROVIDED SHALL HAVE UNPUBLISHED NUMBERS.

**NO PASSING ZONE VERIFICATION**

THE RESIDENT SHALL CONTACT OPERATIONS TO VERIFY THE LOCATION OF NO PASSING ZONES PRIOR TO PLACEMENT OF CENTERLINE STRIPING.

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

| MIXTURE USE(S):                             | SURFACE COURSE            | LEVELING BINDER<br>1" TO 1 1/4" & VAR | HMA BINDER<br>(VAR. DEPTH) | HMA SHOULDER<br>(SURFACE LIFTS) | HMA SHOULDER<br>(LOWER LIFTS) |
|---|---------------------------|---------------------------------------|----------------------------|---------------------------------|-------------------------------|
| AC/PC:                                      | PG 64-22                  | SBS OR<br>SBR 76-22                   | PG 64-22                   | PG 64-22                        | PG 64-22                      |
| RAP % (Max):                                | 15%                       | 10%                                   | 25%                        | 30%                             | 30%                           |
| DESIGN AIR VOIDS:                           | 4.0% @ N=50               | 4.0% @ N=50                           | 4.0% @ N=50                | 3.0% @ N=50                     | 4.0% @ N=50                   |
| MIXTURE COMPOSITION:<br>(GRADATION MIXTURE) | IL 9.5 DR<br>IL 12.5      | IL 4.75                               | IL 19.0                    | IL 9.5L                         | IL 19.0L                      |
| FRICITION AGGREGATE:                        | MIXTURE D (DOLOMITE ONLY) | N/A                                   | N/A                        | MIXTURE C                       | N/A                           |

NOTE: INDIVIDUAL LIFT THICKNESS EACH MIX TYPE WILL BE NO LESS THAN 3 TIMES NOMINAL MAXIMUM AGGREGATE SIZE AND NO MORE THAN 6 TIMES NOMINAL MAXIMUM AGGREGATE SIZE.

|                                       |                      |                      |           |   |   |                         |                   |                     |                           |                    |               |  |
|---------------------------------------|----------------------|----------------------|-----------|---|---|-------------------------|-------------------|---------------------|---------------------------|--------------------|---------------|--|
| FILE NAME - 0468580-011-genneta02.dgn | USER NAME - jacobson | DESIGNED - MVM       | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>F.A.P. ROUTE 698 (IL 89)<br/>GENERAL NOTES</b> |                         | F.A.P. RTE. - 698 | SECTION - 1125VB1BR | COUNTY - MARSHALL         | TOTAL SHEETS - 148 | SHEET NO. - 3 |  |
|                                       |                      | DRAWN - JCW          | REVISED - |   | SCALE: 1=1  | SHEET NO. 1 OF 1 SHEETS | STA. N/A          | TO STA. N/A         | <b>CONTRACT NO. 68580</b> |                    |               |  |
|                                       |                      | CHECKED - ANM        | REVISED - |   | ILLINOISIFIED AND PROJECT                         |                         |                   |                     |                           |                    |               |  |
|                                       |                      | DATE - JULY 24, 2013 | REVISED - |   |   |                         |                   |                     |                           |                    |               |  |