## GENERAL NOTES

- 1. ALL ELEVATIONS SHOWN IN THE PLANS ARE N. G. V. D. 29 DATUM.
- 2. ANY REFERENCE TO THE STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE EDITION AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
- 3. THE THICKNESS OF HOT-MIX ASPHALT MIXTURES 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 HOT-MIX ASPHALT MIXTURE IS PLACED.
- 4. THE LOCATION OF THOSE BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.26 OF THE STANDARDS SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS (800) 892-0123. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED. SEE SPECIAL PROVISIONS FOR STATUS OF UTILITIES WITH UTILITY COMPANIES LISTED.
- 5. THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION SHALL BE RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETE. THE CONTRACTOR SHALL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT BID PRICES.
- 6. ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED DURING CONSTRUCTION ACTIVITIES. WHEN UNAVOIDABLE, REASONABLE PARKING SHALL BE PROVIDED FOR THOSE PROPERTIES WHICH ARE TEMPORARILY UNACCESSIBLE.
- 7. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED.
  THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE
  REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY
  PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR
  AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
  THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN
  AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUBSECTION
  MONUMENTS DESTROYED BY HIS OPERATIONS.
- 8. THE FOLLOWING APPLICATION RATES WERE USED FOR QUANTITY CALCULATIONS:

| CALCULATIONS:            |         |                  |           |
|--------------------------|---------|------------------|-----------|
| LEVELING BINDER          | 0.056   | TONS/SO. YD/INCH |           |
| HMA SURF. CSE            | 0.056   | TONS/SO, YD/INCH | 1 . 1     |
| AGGREGATE                | 2.05    | TONS/CU, YD      |           |
| BIT. MATLS. (PRIME COAT) | 0.00038 | TONS/SO. YD (ON  | PAYEMENT) |
|                          |         |                  |           |

AGG. (PRIME COAT) 0.002 TONS/SO. YD

- 9. MATERIAL FOR AGGREGATE SHOULDERS SHALL BE CRUSHED LIMESTONE
- 10. WHERE PROPOSED CONSTRUCTION ABUTS EXISTING APPURTENANCES, A SAW CUT SHALL BE MADE TO ACHIEVE A NEAT BUT JOINT, SAW CUTS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE TYPE OF WORK ENCOUNTERED

## 11. MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

| LOCATION(S):         | 6TH ST RD            |                                       |
|----------------------|----------------------|---------------------------------------|
| MIXTURE USE(S):      | LEVELING BINDER      |                                       |
| PG:                  | PG 64-22             |                                       |
| DESIGN AIR VOIDS:    | 4.0% @ N DESIGN = 70 |                                       |
| MIXTURE COMPOSITION: | IL 9.5               | · · · · · · · · · · · · · · · · · · · |
| (GRADATION MIXTURE)  |                      | * *                                   |
| FRICTION AGGREGATE:  | N/A                  |                                       |

| LOCATION(S):         | 6TH ST RD, FRONTAGE RD. | STRAIGHT ST.                          |
|----------------------|-------------------------|---------------------------------------|
| MIXTURE USE(S):      | HMA SURFACE             |                                       |
| PG:                  | PG 64-22                |                                       |
| DESIGN AIR VOIDS:    | 4.0% & N DESIGN = 70    |                                       |
| MIXTURE COMPOSITION: | It 9.5                  |                                       |
| (GRADATION MIXTURE)  | · ·                     |                                       |
| FRICTION AGGREGATE:  | MIX "D"                 | · · · · · · · · · · · · · · · · · · · |

| LOCATION(S):         | FRONTAGE RD. STRAIGHT ST. |                                       |
|----------------------|---------------------------|---------------------------------------|
| MIXTURE USE(S):      | HMA BINDER                |                                       |
| PG:                  | PG 64-22                  |                                       |
| DESIGN AIR VOIDS:    | 4.0% o N DESIGN = 70      |                                       |
| MIXTURE COMPOSITION: | IL 19.0                   |                                       |
| (GRADATION MIXTURE)  |                           |                                       |
| FRICTION AGGREGATE:  | N/A                       | · · · · · · · · · · · · · · · · · · · |

| LOCATION(S):         | COMMERCIAL ENTRANCES   |
|----------------------|------------------------|
| MIXTURE USE(S):      | INCIDENTAL HMA SURFACE |
| PG:                  | PG 64-22               |
| DESIGN AIR VOIDS:    | 4.0% a N DESIGN = 50   |
| MIXTURE COMPOSITION: | 1L 9.5                 |
| (GRADATION MIXTURE)  |                        |
| FRICTION AGGREGATE:  | MIX "C"                |

| LOCATION(S):         | 6TH ST. RD., FRONTAGE RD., STRAIGHT ST. |
|----------------------|---|
| MIXTURE USE(S):      | HMA SHOULDERS & TOP LIFT HMA SHOULDER   |
| PG:                  | PG 64-22                                |
| DESIGN AIR VOIDS:    | 4.0% • N DESIGN = 70                    |
| MIXTURE COMPOSITION: | IL 9, 5                                 |
| (GRADATION MIXTURE)  |   |
| FRICTION AGGREGATE:  | MIX "C"                                 |

| LOCATION(S):         | 6TH ST. RD. FRONTAGE RD., STRAIGHT ST.     |
|----------------------|--|
| MIXTURE USE(S):      | HMA BASE CSE 9" & HMA BASE CSE WIDENING 9" |
| PG:                  | PG 64-22                                   |
| DESIGN AIR VOIDS:    | 4.0% c N DESIGN = 70                       |
| MIXTURE COMPOSITION: | IL 19.0                                    |
| (GRADATION MIXTURE)  |  |
| FRICTION AGGREGATE:  | N/A  |

| LOCATION(S):         | 6TH ST RD, FRONTAGE RD, STRAIGHT ST. |
|----------------------|--------------------------------------|
| MIXTURE USE(S):      | HMA SHOULDER 6 1/2"                  |
| PG:                  | PG 64-22                             |
| DESIGN AIR VOIDS:    | 4.0% e N DESIGN = 50                 |
| MIXTURE COMPOSITION: | 1L 19.0                              |
| (GRADATION MIXTURE)  |                                      |
| FRICTION AGGREGATE:  | N/A                                  |

| CEC                              | Cummins<br>Engineering<br>Corporation |  |  |  |  |
|----------------------------------|---------------------------------------|--|--|--|--|
| Civil and Structural Engineering |                                       |  |  |  |  |

| JOB + 2265.II                   | DESIGNED - NAK   | REVISED - |
|---------------------------------|------------------|-----------|
| FILE NAME + 0672F74-sht-genudgn | DRAWN - SJS      | REVISED - |
| PLOT SCALE + 100,0000 17 IN.    | CHECKED - NAK    | REVISED - |
| PLOT GATE : 2/4/2013            | DATE - 1/10/2013 | REVISED - |

SCALE:

|               |           |    | S.B.I.<br>RTE. | SECTION | COUNTY    | TOTAL    | SHEI    |                              |            |       |       |
|---------------|-----------|----|----------------|---------|-----------|----------|---------|------------------------------|------------|-------|-------|
| GENERAL NOTES |           |    |                | 126     | (110) 1-2 | SÁNGAMON | 93      | 3                            |            |       |       |
|               | r         |    |                |         |           |          |         |                              | CONTRAC    | T NO. | 72F.7 |
|               | SHEET NO. | OF | SHEETS         | STA.    | TO STA.   |          | FED. RC | AO DIST. NO. ILLINOIS FED. A | ID PROJECT |       |       |