| Г         |   | BY | 3140 |
|-----------|---|----|------|
|           | CANTYER                                       |    | L    |
| _         | 9101560                                       |    |      |
| NOTE BODA | 3.5 F. C. |    |      |
|           |   |    |      |
|           | AREAS CHECKED                                 |    | -    |

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|-----------|---|
|           |   |
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| 24        | STRUCTURAL REPAIR OF CONCRETE AT ABUTMENTS - SN 071-0062 (SB)                             |
| 25        | STRUCTURAL REPAIR OF CONCRETE AT ABUTMENTS - SN 071-0063 (NB)                             |
| 26        | STRUCTURAL REPAIR OF CONCRETE AT PIERS - SN 071-0062 (SB) & 0063 (NB)                     |
| 27        | TEMPORARY CONCRETE BARRIER FOR STAGE CONSTRUCTION S.N. 071-0062 (SB) & S.N. 071-0063 (NB) |
| 28        | INFORMATIONAL WARNING SIGN (FOR NARROW TRAVEL LANES) (DIST STD 39.2)                      |
| 29 - 31   | TYPICAL PAVEMENT MARKINGS (DIST STD 41.1)   |
| 32        | PAINTING DETAILS (DIST STD 44.1)  |
| 32A - 32B | CONSTRUCTION SIGNS (TOLLWAY STD. E1-02)   |
| 32C - 32D | LANE CLOSURE DETAILS (TOLLWAY STD. E2-02)   |
| 32E       | SHOULDER CLOSURE DETAILS (TOLLWAY STD. E3-02)   |
| 32F       | TEMPORARY GORE DETAILS (TOLLWAY STD, E5-02)   |

## LIST OF ILLINOIS DOT HIGHWAY STANDARDS

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS

## STANDARD NO. DESCRIPTION

000001-06

| 001001-02 | AREAS OF REINFORCEMENT BARS   |
|-----------|---|
| 001006    | DECIMAL OF AN INCH AND OF A FOOT  |
| 635006-03 | REFLECTOR AND TERMINAL MARKER PLACEMENT   |
| 835011-02 | REFLECTOR MARKER AND MOUNTING DETAILS   |
| 642001-02 | SHOULDER RUMBLE STRIPS  |
| 701101-02 | OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE                      |
| 701400-05 | APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY  |
| 701401-06 | LANE CLOSURE, FREEWAY/EXPRESSWAY  |
| 701402-09 | LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER  |
| 701406-06 | LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY   |
| 701411-08 | LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS $_2$ 45 MPH                           |
| 701426-04 | LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS ${\scriptstyle \chi}$ 45 MPH |
| 701451-01 | RAMP CLOSURE FREEWAY/EXPRESSWAY   |
| 701901-02 | TRAFFIC CONTROL DEVICES   |
| 704001-07 | TEMPORARY CONCRETE BARRIER  |
| 720011-01 | METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS  |
| 728001-01 | TELESCOPING STEEL SIGN SUPPORT  |
| 729001-01 | APPLICATIONS OF TYPES A AND 8 METAL POSTS (FOR SIGNS & MARKERS)                                     |
| 780001-03 | TYPICAL PAVEMENT MARKINGS   |
| 781001-03 | TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS   |
|           |   |

## GENERAL NOTES

ALL BORROWWASTE/USE SITES MUST BE APPROVED BY THE DEPARTMENT PRIOR TO REMOVING ANY MATERIAL FROM THE PROJECT OR INITIATING ANY EARTHMOVING ACTIVITIES, INCLUDING TEMPORARY STOCKPILING OUTSIDE THE LIMITS OF CONSTRUCTION.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

|                     | SHOULDER       |
|---------------------|----------------|
| MIXTURE USES(S):    | SURFACE        |
| PG:                 | PG-58-22       |
| DESIGN AIR VOIDS    | 3.0% AT N50    |
| MIXTURE COMPOSITION | IL 9.5 OR 12.5 |
| (GRADATION MIXTURE) |                |
| FRICTION AGGREGATE  | MIX C          |
| 20 YEAR ESAL        | NA '           |
| MIX UNIT WEIGHT     | 112 LB/SY/IN   |

THE AREA TO BE PRIMED SHALL BE LIMITED TO THAT WHICH CAN BE COVERED WITH HMA ON THE NEXT DAYS PRODUCTIVITY, BUT NO MORE THAN FIVE DAYS IN ADVANCE OF THE PLACEMENT OF THE HMA. UNLESS APPROVED BY THE ENGINEER

INSTALL RUMBLE STRIPS IN ALL SHOULDERS IN ACCORDANCE WITH STATE STANDARD 642001. RUMBLE STRIPS SHALL BE PLACED ON SHOULDERS ON BOTH SIDES OF THE PAVEMENT.

REFLECTOR MARKERS TYPE B SHALL BE INSTALLED ON THE TOP OF BRIDGE PARAPET WALLS. THE MARKERS SHALL BE ACCORDING TO STANDARD 635011 AND THE COLOR AND SPACING ACCORDING TO STANDARD 635006, EXCEPT THE MINIMUM IS 2 PER SIDE.

CADD DATA WILL BE AVAILABLE TO CONTRACTORS AND CONSULTANTS WORKING ON THIS PROJECT. THIS INFORMATION WILL BE PROVIDED UPON REQUEST AS MICROSTATION CADD FILES AND GEOPAK COORDINATE GEOMETRY FILES ONLY. IF DATA IS REQUIRED IN OTHER FORMATS IT WILL BE YOUR RESPONSIBILITY TO MAKE THESE CONVERSIONS. IF ANY DISCREPANCY OR INCONSISTENCY ARISES BETWEEN THE ELECTRONIC DATA AND THE INFORMATION ON THE HARD COPY, THE INFORMATION ON THE HARD COPY SHOULD BE USED. CONTACT THE DISTRICT'S PROJECT ENGINEER TO REQUEST THESE FILES.

TEMPORARY IMPACT ATTENUATORS WILL BE MEASURED AS EACH FOR EACH ATTENUATOR SUPPLIED ON THE JOB AS SPECIFIED IN THE PLANS, AND SHALL INCLUDE THE COST OF RENTING/OWNING THE ATTENUATOR FOR THE TIME REQUIRED ON THE JOB PLUS HAULING TO AND FROM THE PROJECT SITE, AS WELL AS ONE PLACEMENT AND REMOVAL FROM THE ROADWAY. THIS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR IMPACT ATTENUATORS, TEMPORARY OF THE TYPE SPECIFIED.

RELOCATE TEMPORARY IMPACT ATTENUATORS WILL BE PAID FOR AS EACH AND WILL BE PAID FOR EACH TIME THE ATTENUATOR IS REQUIRED BY STAGING TO BE PICKED UP AND MOVED TO A DIFFERENT LOCATION ON THE PROJECT, WHETHER IT IS TO ANOTHER LOCATION ON THE ROADWAY OR TO A STORAGE/STAGING LOCATION FOR THE PROJECT. THIS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR IMPACT ATTENUATORS, RELOCATE OF THE TYPE SPECIFIED.

THIS WORK SHALL BE DONE IN ACCORDANCE WITH SECTION 704 OF THE STANDARD SPECIFICATIONS. TEMPORARY CONCRETE BARRIER WILL BE MEASURED IN FEET ALONG THE CENTERLINE OF THE BARRIER AND SHALL INCLUDE THE COST OF RENTING/OWNING THE BARRIER FOR THE TIME REQUIRED ON THE JOB PLUS HAULING TO AND FROM THE PROJECT SITE, AS WELL AS ONE PLACEMENT AND REMOVAL FROM THE ROADWAY IN ACCORDANCE WITH SECTION 704 OF THE STANDARD SPECIFICATION. THIS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR TEMPORARY CONCRETE BARRIER.

RELOCATE TEMPORARY CONCRETE BARRIER WILL BE PAID FOR IN FEET ALONG THE CENTERLINE OF THE BARRIER, AND WILL BE PAID FOR EACH TIME THE BARRIER IS REQUIRED BY STAGING TO BE PICKED UP AND MOVED TO A DIFFERENT LOCATION ON THE PROJECT, WHETHER IT IS TO ANOTHER LOCATION ON THE ROADWAY OR TO A STORAGE/STAGING LOCATION FOR THE PROJECT. THIS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR RELOCATE TEMPORARY CONCRETE BARRIER.

THE CONTRACTOR SHALL SECURE A PERMIT FROM THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY PRIOR TO STARTING ANY WORK ON THE TOLLWAY RIGHT-OF-WAY.

THE CONTRACTOR SHALL BE REQUIRED TO OBTAIN A PERMIT FROM THE ILLINOIS STATE TOLL HIGHWAY TO REQUEST A LOCATE OF TOLLWAY FACILITIES FOR THE PLACEMENT OF TRAFFIC CONTROL SIGNS AND TO PLACE TRAFFIC CONTROL ON TOLLWAY PROPERTY. THIS WORK SHALL BE INCLUDED IN THE

PRIOR TO THE IMPLEMENTATION OF THE MAINTENANCE OF TRAFFIC, A 21 DAY ADVANCE COORDINATION MEETING SHOULD BE HELD BETWEEN IDOT, THE IDOT CONSTRUCTION MANAGER (RE), THE TOLLWAY AND THE CONTRACTOR.

IF AN ALTERNATE TRAFFIC PATTERN IS REQUIRED WITHIN THE CONTRACT, THE CONTRACTOR SHALL SUBMIT A MAINTENANCE OF TRAFFIC DEVIATION PLAN, 21 DAYS PRIOR TO THE CHANGES FOR APPROVAL BY THE TOLLWAY, IN ADDITION, THE CONTRACTOR IS REQUIRED TO ATTEND A MAINTENANCE OF TRAFFIC MEETING ARRANGED BY THE TOLLWAY CONSTRUCTION MANAGER WITH REPRESENTATIVES FROM THE TOLLWAY TO REVIEW THE PROPOSED CHANGES IN THE MAINTENANCE OF TRAFFIC TWO (2) DAYS PRIOR TO THE IMPLEMENTATION OF THE NEW MAINTENANCE OF TRAFFIC STAGE CHANGES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NOTIFICATIONS TO THE TOLLWAY.

| FILE | MAME | = 0264H73-sht-index,dgn             |
|------|------|-------------------------------------|
| PLOT | CATE | = 0264H73-ahtrandex.dgn < 9/20/2012 |

ENGINEERS PLANNERS SURVEYORS 211 WEST WACKER DRIVE CHICAGO, ILLINOIS 60606 PLOT SCALE = 190.0090 1 / IN. PHONE: (312)372-2023 FAX: (312)372-5

| C,  | DESIGNED | - | G.F.L./K.R.K. | REVISED |   |
|-----|----------|---|---------------|---------|---|
| •   | DRAWN    | - | K,R.K.        | REVISED | - |
|     | CHECKED  | - | E.J.M.        | REVISED | - |
| 274 | DATE     |   | AUGUST 2012   | REVISED | - |

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

| 7 | INDEX OF CHEETS HET OF STATE STANDARDS HET OF  |            | SEC              | COUNTY          | TOTAL      | SHEE |       |
|---|--|------------|------------------|-----------------|------------|------|-------|
|   | INDEX OF SHEETS, LIST OF STATE STANDARDS, LIST OF<br>TOLLWAY STANDARDS AND GENERAL NOTES | RTE.<br>39 | D2 DECK RE       | PAIR 2013-1     | OGLE       | 32   | Z     |
|   |  |            |                  |                 | CONTRACT   | NO.  | 64H73 |
| 1 | SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.   | FEO. R     | ROAD DIST. NO. 1 | ILLINOIS FED. A | ID PROJECT |      |       |