

INDEX OF SHEETS

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HIGHWAY STANDARDS

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| 000001-06 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 001001-02 | AREAS OF REINFORCEMENT BARS |
| 001006 | DECIMAL OF AN INCH AND OF A FOOT |
| 406201-01 | MAILBOX TURNOUT |
| 420701-02 | PAVEMENT FABRIC |
| 442001-04 | CLASS A PATCHES |
| 442101-07 | CLASS B PATCHES |
| 630001-10 | STEEL PLATE BEAM GUARDRAIL |
| 630106-01 | LONG-SPAN GUARDRAIL OVER CULVERT |
| 630301-06 | SHOULDER WIDENING FOR TYPE I (SPECIAL) GUARDRAIL TERMINALS |
| 631033-06 | TRAFFIC BARRIER TERMINAL, TYPE 6B |
| 635006-03 | REFLECTOR AND TERMINAL MARKER PLACEMENT |
| 635011-02 | REFLECTOR MARKER AND MOUNTING DETAILS |
| 642006 | SHOULDER RUMBLE STRIPS, 8 INCH |
| 701001-02 | OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY |
| 701006-05 | OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE |
| 701011-04 | OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY |
| 701201-04 | LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH |
| 701301-04 | LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS |
| 701306-03 | LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH |
| 701311-03 | LATE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY |
| 701326-04 | LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS > 45 MPH |
| 701336-06 | LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS > 45 MPH |
| 701701-09 | URBAN LANE CLOSURE, MULTILANE INTERSECTION |
| 701901-04 | TRAFFIC CONTROL DEVICES |
| 720006-04 | SIGN PANEL ERECTION DETAILS |
| 780001-05 | TYPICAL PAVEMENT MARKINGS |
| 781001-03 | TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS |
| 782001 | PRISMATIC CURB REFLECTORS |
| 886001-01 | DETECTOR LOOP INSTALLATIONS |
| 886006-01 | TYPICAL LAYOUTS FOR DETECTION LOOPS |

COMMITMENTS

NONE

GENERAL NOTES

- THE STANDARDS AND REVISION NUMBERS LISTED SHALL APPLY TO THIS PROJECT.
- ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

| | | |
|--|--------------|--------------|
| | ABOVE GROUND | BELOW GROUND |
| •AT&T (COMMUNICATIONS) | X | X |
| •CITY OF CARLYLE (WATER & SEWER) | | X |
| •CITY OF CARLYLE (ELECTRIC) | X | X |
| •CARLYLE NORTH WATER COMPANY (WATER) | | X |
| •CLINTON COUNTY EAST PUBLIC WATER DISTRICT (WATER) | | X |
| •CHARTER COMMUNICATIONS (COMMUNICATIONS) | X | X |
| •CLINTON COUNTY ELECTRIC COOPERATIVE (ELECTRIC) | X | X |
| •FRONTIER NORTH (COMMUNICATIONS) | X | X |
| •SOUTHWESTERN ELECTRIC COOPERATIVE (ELECTRIC) | X | X |
- MEMBERS OF J.U.L.I.E. CALL TOLL FREE (800)892-0123 OR 811 AND ARE INDICATED BY *. NON J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.
- THE CONTRACTOR AND ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING AND TOPOGRAPHY SHOWN IN THE PLANS WAS CREATED USING MICROFILM AND FIELD MEASUREMENTS. BOTH SHALL BE ASSUMED TO BE APPROXIMATE. THE CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- NO OVERNIGHT LANE CLOSURES WILL BE PERMITTED.
- FLAGGERS SHALL BE REQUIRED AT ALL TIMES DURING PATCHING OPERATIONS.
- "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT EACH END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS, AND WILL BE CONSIDERED INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE 48" X 48" FLUORESCENT ORANGE.
- SHORT TERM PAVEMENT MARKING AND TEMPORARY PAVEMENT MARKING REMOVAL FROM THE FINAL SURFACE SHALL BE PAID FOR AS "WORK ZONE PAVEMENT MARKING REMOVAL".
- THE PROPOSED PAVEMENT MARKING SHALL MATCH THE LOCATIONS OF THE EXISTING PAVEMENT MARKING, AS DIRECTED BY THE ENGINEER.
- THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING UTILITIES WITHIN THE PROJECT LIMITS, AND IF THESE ITEMS REQUIRE LOCATING, THE CONTRACTOR SHALL BE DIRECTED TO DO SO ACCORDINGLY TO SECTION 803 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL PROVIDE POSITIVE AND ADEQUATE DRAINAGE AT ALL TIMES. ALL GRADING REQUIRED TO MAINTAIN POSITIVE DRAINAGE SHALL BE INCLUDED IN THE COST OF AGGREGATE WEDGE SHOULDERS, TYPE B.
- EARTH EXCAVATION SHALL INCLUDE ALL MATERIALS ENCOUNTERED, INCLUDING BUT NOT LIMITED TO, OIL AND CHIP SIDE ROADS, AND HMA ENTRANCES.
- ALL EARTHWORK REQUIRED TO MEET STD 630301 SHALL BE INCLUDED IN THE COST OF TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL (TANGENT).
- THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

| | | | | |
|------------------------|---|----------------|----------------|------------------|
| ROUTE | FAP 42 / FAP 327 | | | |
| SECTION | (110,111,112,113)RS-5, 14-16-I | | | |
| COUNTY | CLINTON | | | |
| CONTRACT | 76H65 | | | |
| DESCRIPTION: | 3P RESURFACING AT IL 127 FROM BOND COUNTY LINE TO 0.2 MILES NORTH OF WILLIAM ROAD IN CARLYLE. | | | |
| ADT (Construction Yr): | 10600 | | | |
| MU%: | 6.9 | | | |
| SUZ%: | 6.2 | | | |
| 20 YR. ESAL'S: | 4.80 | | | |
| MIXTURE USE | SURFACE | LEVEL BINDER | INCIDENTAL | SHOULDER > 2.25" |
| AC/PG | PG 64-22 | PG 64-22 | PG 64-22 | PG 64-22 |
| RAP % (MAX) | SEE SPEC. | SEE SPEC. | SEE SPEC. | SEE SPEC. |
| DESIGN AIR VOIDS | 4.0% @ Ndes=90 | 4.0% @ Ndes=90 | 4.0% @ Ndes=90 | 4.0% @ Ndes=30 |
| MIX COMPOSITION | | | | |
| (GRADATION MIXTURE) | IL 9.5 | IL 9.5 FG | IL 9.5 | IL 19.0 L |
| FRICTION AGG | MIXTURE "D" | MIXTURE "C" | MIXTURE "C" | |
| QUALITY MGMT PROC | OCF | OCF | OC/QA | OC/QA |

Plan quantities for Bituminous Concrete Surface Course items are calculated using a unit weight of 112 lb/sq yd/inch (0.056 tons/sq yd/inch)

- CONTRACTOR SHALL BE AWARE THAT GUARDRAIL IS ATTACHED TO STRUCTURE AT VARIOUS LOCATIONS AND THE COST TO REMOVE GUARDRAIL ATTACHED TO THE STRUCTURES SHALL BE INCLUDED IN THE COST OF GUARDRAIL REMOVAL.
- TYPE 6B AND TYPE 1 SPECIAL TANGENT TRAFFIC BARRIER TERMINALS SHALL USE 9" STEEL POSTS.**
- HMA INCIDENTAL SURFACING IS INCLUDED TO PROVIDE A SMOOTH TRANSITION AT HMA ENTRANCES AND SIDE ROADS. CONTRACTOR SHALL VERIFY LOCATIONS WHERE THIS IS NECESSARY.
- THE THICKNESS OF HOT-MIX ASPHALT SURFACE MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
- AN ESTIMATED QUANTITY OF 15523 TONS OF MILLINGS FROM THE HOT-MIX ASPHALT SURFACE REMOVAL OPERATION IS ANTICIPATED.
- THE QUALITY CONTROL FOR PERFORMANCE ITEMS AND QUANTITIES ARE AS FOLLOWS:

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|---|
| HMA SURFACE COURSE, MIX "D", N90, IL 9.5 - 10651 TONS |
| LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N90 - 7108 TONS |
- APPROXIMATELY 168 SQUARE YARDS OF PCC PATCHES WITHIN THE PROJECT LIMITS WILL BE SUBJECT TO THE HMA SURFACE REMOVAL OPERATIONS OF THE DEPTHS SPECIFIED IN THE PLANS. THE COST OF MILLING THESE PATCHES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF THE HMA REMOVAL ITEMS IN THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- CONTRACTOR SHALL BE AWARE THAT THE LOCATION OF PATCHES ARE APPROXIMATE AND SHOULD BE COORDINATED WITH THE RESIDENT ENGINEER AND OPERATIONS PERSONNEL, PRIOR TO CONSTRUCTION.
- FOR CLASS B PATCHES, 20", THE REINFORCEMENT SHALL BE PLACED AT 3/2" ± 1 INCH BELOW THE ELEVATION OF THE EXISTING CONCRETE PAVEMENT.
- SAW CUTS FOR BUTT JOINTS, HMA TRANSITIONS, MILLING, AND SHOULDER REMOVAL SHALL BE INCLUDED IN THE COST OF EACH RESPECTIVE ITEM AND NO FURTHER COMPENSATION SHALL BE ALLOWED.
- THE PROJECT SHALL NOT HAVE ANY ADVERSE EFFECT ON THE SUITABLE HABITAT FOR EASTERN MASSASAUGA RATTLESNAKE (SISTRURUS CATENATUS), PROVIDING THAT WORKERS ON THE PROJECT ARE INSTRUCTED THAT ANY SNAKES ENCOUNTERED ARE NOT TO BE KILLED.
- A QUANTITY FOR AGGREGATE SHOULDERS, TYPE B, HAS BEEN INCLUDED AT GUARDRAIL LOCATIONS TO PROVIDE APPROPRIATE SLOPES BETWEEN THE PAVED SHOULDER AND THE FACE OF THE GUARDRAIL, IN ACCORDANCE TO STANDARD 630001-10.

⚠ REVISION 6-1-15

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| FILE NAME * | USER NAME * llopezja | DESIGNED - RJF | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | INDEX OF SHEETS, HWY STANDARDS, GENERAL NOTES, & COMMITMENTS | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| cd:\pvc\work\pvidot\llopezja\0417420\d87665-shr\plan\adgn | DRAWN - RJF | REVISED - | 42/327 | | | (110,111,112,113)RS-5, 14-16-I | CLINTON | 33 | 2 | |
| PLOT SCALE * 1/8"=1'-0" | CHECKED - | REVISED - | CONTRACT NO. 76H65 | | | | | | | |
| PLOT DATE * 3/20/2015 | DATE - | REVISED - | SCALE: _____ | | | SHEET NO. 1 OF 1 SHEETS | STA. _____ TO STA. _____ | FED. ROAD DIST. NO. _____ | ILLINOIS FED. AID PROJECT | |