

GENERAL NOTES

- 1 THE STANDARDS AND REVISION NUMBERS SHALL APPLY TO THIS PROJECT.
- 2 ALL ELEVATIONS REFER TO NATIONAL GEODATIC SURVEY (N.G.S.) DATUM.
- 3 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:
  - \*AMEREN IP (ELECTRIC AND GAS)
  - \*BROADWING COMMUNICATIONS SERVICES
  - \*CHARTER COMMUNICATIONS, INC.
  - \*CLINTON COUNTY ELECTRIC COOPERATIVE
  - \*VILLAGE OF DAMIANVILLE (WATER & SANITARY SEWER)
  - \*CITY OF MASCOUATAH (ELECTRIC, WATER & SANITARY SEWER)
  - \*PAETEC/MCLEOD USA TELECOMMUNICATIONS INC.
  - \*MID AMERICA ST. LOUIS AIRPORT (ELECTRIC, COMMUNICATIONS, WATER & SANITARY SEWER)
  - \*VILLAGE OF NEW BADEN (WATER & SANITARY SEWER)
  - \*SLM WATER COMMISSION
  - \*VERIZON NORTH, INC.

MEMBERS OF J.U.L.I.E. (800-892-0123) ARE INDICATED BY \*, NON J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.
- 4 PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS AND FACE OF CURB.
- 5 THE MATERIAL TRANSFER DEVICE (MTD) MAY BE ALLOWED TO TRAVEL OVER STRUCTURES IF GIVEN APPROVAL FROM THE ENGINEER. THE MTD IS EMPTIED OF BITUMINOUS MATERIAL PRIOR TO CROSSING THE STRUCTURE, AND THE TIRES OF THE MTD TRAVEL ON OR IN CLOSE PROXIMITY AND PARALLEL TO THE BEAM AND/OR GIRDER LINES OF THE STRUCTURE. THE RESIDENT ENGINEER SHOULD MARK THE DECK SURFACE FOR THE LOCATION OF THE BEAMS/GIRDERS. THE COST TO EMPTY THE MTD OF BITUMINOUS MATERIAL WILL BE AT THE EXPENSE OF THE CONTRACTOR. IF THE NBIS RATING OF A STRUCTURE IS LESS THAN OR EQUAL TO 4.0 THE DEPARTMENT WILL PAY TO HAVE THE MTD MOVED ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- 6 THE THICKNESS OF THE HMA MIXTURE 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 MIXTURE IS PLACED.

- 7 AN ESTIMATED 11,700 TONS OF HMA WILL BE REMOVED.
- 8 THE MIXTURE REQUIREMENTS SHOWN ON THIS SHEET IN THE MIXTURE REQUIREMENTS CHART ARE APPLICABLE FOR THIS PROJECT.
- 9 EARTHWORK FOR THIS PROJECT CONSISTS OF 20 CUBIC YARDS OF EARTH EXCAVATION AND 308 CUBIC YARDS OF FURNISHED EXCAVATION.
- 10 ALL AREAS DISTURBED FOR ANY REASON SHALL BE PERMANENTLY SEEDED AS DIRECTED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT THE CONTRACTOR'S EXPENSE.
- 11 EXISTING TREES THAT ARE NOT SHOWN TO BE REMOVED IN THE PLANS SHALL REMAIN UNDAMAGED.
- 12 THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT ONLY A PARTIAL SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING AND TOPO SHOWN IN THE PLANS WAS CREATED USING MICROFILM, SOME SURVEY CONFIRMATION, AND FIELD MEASUREMENTS MADE BY DESIGN PERSONNEL. ALL SHALL BE CONSIDERED APPROXIMATE.
- 13 THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 14 "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING OF THE PROJECT PLUS ALL INTERSECTING SIDE ROADS AND RAMP AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE 48" FLOURESCENT ORANGE.
- 15 INLETS REQUIRING ADJUSTMENTS SHALL BE CLEANED. COST INCIDENTAL TO THE COST OF THE INLET ADJUSTMENT. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

- 16 FLAGGERS SHALL BE PRESENT DURING ALL CLOSURE HOURS INCLUDING LUNCH HOUR, EXCEPT WHERE TEMPORARY TRAFFIC SIGNALS ARE IN USE, AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- 17 SHORT-TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED, PRIMED, INDIVIDUAL LIFTS, AND FINAL HMA SURFACE. A QUANTITY FOR TEMPORARY PAVEMENT MARKING EQUAL TO THE AMOUNT OF PERMANENT PAVEMENT MARKING HAS BEEN INCLUDED IN THE PLANS. "WORK ZONE PAVEMENT MARKING REMOVAL" SHALL BE PAID FOR THE FINAL SURFACE ONLY.
- 18 THE STAGE CONSTRUCTION TRAFFIC CONTROL SEQUENCE AS SHOWN IN THE PLANS IS SUGGESTED. THE CONTRACTOR MAY SUBMIT IN WRITING A PROPOSED STAGE CONSTRUCTION TRAFFIC CONTROL SEQUENCE MEETING THE TRAFFIC CONTROL STANDARDS, PLAN NOTES, AND SPECIAL PROVISIONS IN THIS CONTRACT FOR APPROVAL BY THE DEPARTMENT.
- 19 THE TOPO, PLAN DETAILS AND NOTES ON THE PLAN SHEETS APPLY ONLY TO THE ROADWAYS INDICATED IN THE TITLE BLOCK.
- 20 ANY REFERENCE TO BITUMINOUS CONCRETE SHALL BE INTERPRETED TO MEAN HMA.
- 21 THE 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.
- 22 RAMP RESURFACING SHALL BE PAID FOR SAME AS MAINLINE RESURFACING AND NO ADDITIONAL PAYMENT WILL BE ALLOWED.
- 23 FINAL PAVED SHOULDER WIDTH MUST BE 6' FOR MEDIAN SHOULDERS AND 10' FOR OUTSIDE SHOULDERS AS INDICATED ON THE TYPICAL SECTIONS. ASPHALT WILL BE ALLOWED TO ROLL ONTO THE EXISTING AGGREGATE SHOULDER.

- 24 MILLING DEPTH AND RESURFACING THICKNESS AT BRIDGE OVERPASSES ARE INDICATED ON THE RESURFACING DETAILS ALONG WITH FINAL BRIDGE CLEARANCES. THE CONTRACTOR SHALL CONFIRM BRIDGE CLEARANCES PRIOR TO RESURFACING. MINIMUM BRIDGE CLEARANCE IS 16'-0".
- 25 IN ADDITION TO THE PORTABLE CHANGEABLE MESSAGE SIGNS INCLUDED IN THE TRAFFIC CONTROL STANDARDS, EIGHT ADDITIONAL PORTABLE CHANGEABLE MESSAGE SIGNS ARE INCLUDED AND SHALL BE PAID FOR PER CALENDAR MONTH AS CHANGEABLE MESSAGE SIGNS. THEIR EXACT LOCATIONS ARE TO BE DETERMINED BY THE ENGINEER IN CONJUNCTION WITH THE MESSAGE SIGN DETAIL. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR ANY RELOCATION OF THESE SIGNS.
- 26 SPEED LIMIT PHOTO ENFORCEMENT SIGNS MAY BE REQUIRED ON THIS PROJECT. IF REQUIRED, THE SIGNS WILL BE PROVIDED BY IDOT OPERATIONS. METHOD OF INSTALLATION TO BE PROVIDED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL PAY ITEMS.
- 27 THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING AND/OR ITS UTILITIES WITHIN THE PROJECT LIMITS. IF HIGHWAY LIGHTING AND/OR ITS EXISTS WITHIN THE PROJECT LIMITS, AND IF THESE ITEMS REQUIRE LOCATING, THE CONTRACTOR SHALL BE DIRECTED TO DO SO ACCORDING TO SECTION 803 OF THE STANDARD SPECIFICATIONS. IF LOCATING UNDERGROUND CABLE IS NOT INCLUDED AS PART OF THE PLANS, THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- 28 ALL EXISTING AND PROPOSED RIGHT-OF-WAY LINES AND PROPERTY LINES SHOWN ON THE PLAN SHEETS ARE GRAPHICAL REPRESENTATIONS AND SHALL NOT BE USED AS A MEANS TO ESTABLISH OWNERSHIP. IN ALL MATTERS RELATING TO RIGH-OF-WAY, THE PLAT OF HIGHWAYS SHALL BE THE CONTROLLING DOCUMENT.
29. IT IS THE CONTRACTOR'S OPTION TO USE THE MATERIAL TRANSFER DEVICE (MTD) ON ANY LIFT. THE PAY ITEM FOR THE MTD WILL NOT BE INCLUDED IN THIS CONTRACT.

COMMITMENTS

NONE

HIGHWAY STANDARDS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
202001-01	EARTH MEDIAN DITCH CHECK
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
442001-04	CLASS A PATCHES
442101-07	CLASS B PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTION
542311-01	GRATING FOR CONCRETE FLARED END SECTION (FOR 24" (600 mm) THRU 54" (1350 mm) PIPE)
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606006-02	OUTLETS FOR CONC. CURB AND GUTTER TYPE B-6.24 (B-15.60)
610001-04	SHOULDER INLET WITH CURB
630001-08	STEEL PLATE BEAM GUARDRAIL
630201-06	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-05	TRAFFIC BARRIER TERMINAL, TYPE 2
631031-07	TRAFFIC BARRIER TERMINAL, TYPE 6
635001-01	DELINEATORS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
642001-01	SHOULDER RUMBLE STRIPS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701101-02	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701321-10	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
701400-03	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701402-07	LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER
701406-05	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701411-05	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP FOR SPEEDS ≥ 45 MPH
701423-03	LANE CLOSURE, MULTILANE, WITH BARRIER, FOR SPEEDS ≥ 45 MPH TO 55 MPH
701426-03	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≥ 45 MPH
701901-01	TRAFFIC CONTROL DEVICES
704001-05	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

MIXTURE REQUIREMENTS-SUPERPAVE PROJECT

ROUTE	FAI 64
SECTION	82-(8,9,10)RS-3
COUNTY	ST. CLAIR & CLINTON
CONTRACT	76855

DESCRIPTION:	RESURFACING AND BRIDGE REHABILITATION ON I-64 FROM 0.5 MILES WEST OF RTE. 4 TO 0.3 MILES EAST OF C.H.10A
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ADT (Construction Yr)	32600
MU%:	19.4
SU%:	3.8
20YR. ESAL'S:	38.93

MIXTURE USE	SMA SURFACE	BINDER/PATCHING	TEMP. WIDENING	CROSS OVERS	Partial Depth Patch
AC/PG	SBS PG 76-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	0%	10%	10%	10%	10%
DESIGN AIR VOIDS	4.0% @ Ndes=80	4.0% @ Ndes=105	4.0% @ Ndes=105	4.0% @ Ndes=105	4.0% @ Ndes=105
MIX COMPOSITION					
(GRADATION MIXTURE)					
FRICITION AGG	SMA	MIXTURE "B"	MIXTURE "B"	MIXTURE "B"	MIXTURE "C"

MIXTURE USE	SHOULDERS	TOP LIFT SHOULDERS	TOP LIFT BINDER	LOCAL SURF	LOCAL BINDER
AC/PG	PG 64-22	PG 64-22	SBS 76-22		
RAP % (MAX)	30%	30%	10%		
DESIGN AIR VOIDS	2.0% @ Ndes=30	2.0% @ Ndes=30	4.0% @ Ndes=105		
MIX COMPOSITION					
(GRADATION MIXTURE)					
FRICITION AGG	BAM	BAM	MIXTURE "B"		

\*\* Top Lift Shoulders - Design this mix at 2.0% voids and add asphalt to reduce voids to 1.5%.

Plan quantities for Hot Mix Asphalt Surface Course Items are calculated using a unit weight of 112 lbs/sq. yd./inch

INDEX OF SHEETS

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FILE NAME =	USER NAME = tebbemg	DESIGNED - SCF	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES AND COMMITMENTS</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Documents and Settings\keplear\Local Settings\Temporary Internet Files\Content.IE5\...	Settings\Temporary Internet Files\Content.IE5\...	DRAWN 50ARW/D8SCF5-shr:gennoted.dgn	REVISED -					64	82-(8,9,10)RS-3	ST. CLAIR-CLINTON	78	2
PLOT SCALE = 8.0417 "/ IN.	CHECKED - TJQ	REVISIED -			CONTRACT NO. 76855							
PLOT DATE = 1/30/2009	DATE - 12/12/08	REVISIED -			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			