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 Mo--25-2011 03:51:31PM

**GENERAL NOTES**

1. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AUTHORIZED AGENT, OR LAND SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUB-SECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
2. ALL UNSURFACED AREAS WITHIN THE R.O.W. AND EASEMENTS SHALL BE SEEDED, FERTILIZED, AND MULCHED AS SHOWN IN THE PLANS, SPECIAL PROVISIONS, AND AS DIRECTED BY THE ENGINEER. SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET OR IN AN UNTILLABLE CONDITION.
3. IN ACCORDANCE WITH STATE OF ILLINOIS P.A. 86-0674, THE CONTRACTOR IS TO NOTIFY ALL UTILITY COMPANIES NOT MORE THAN 14 DAYS NOR LESS THAN 48 HOURS (EXCLUSIVE OF SATURDAYS, SUNDAYS, AND HOLIDAYS) IN ADVANCE OF THE START OF EXCAVATION OR DEMOLITION.
4. THE LOCATION OF BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE, AND ARE SHOWN FOR CONTRACTOR INFORMATIONAL USE ONLY, AND ARE NOT TO BE REFERENCED FOR CONSTRUCTION PURPOSES. THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUED BY THE OWNER, ENGINEER, CONTRACTOR, OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVE GROUND UTILITY LOCATIONS, IDENTIFICATION, AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING, DISCONNECTION, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS ASSOCIATED WITH BURIED AND ABOVE GROUND UTILITIES, REMAINS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
5. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB-NUMBER IN THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
6. THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION WILL BE REMOVED AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO COMPENSATION WILL BE ALLOWED.
7. FERTILIZER NUTRIENTS SHALL BE APPLIED TO BOTH THE SEEDED AREAS AND THE AREAS COVERED WITH EROSION CONTROL BLANKET.
8. DO NOT INCLUDE MULCH OR EMULSIFIED ASPHALT ON EROSION CONTROL BLANKET AREAS.
9. BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR THE EXACT LENGTHS.
10. PROTECTIVE COAT SHALL BE APPLIED TO THE SURFACE OF NEW CONCRETE ACCORDING TO SECTION 503 OF THE STANDARD SPECIFICATIONS.
11. ALL TREES, BRUSH AND SHRUBS WITHIN THE CONSTRUCTION LIMITS WILL BE REMOVED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. TREES ALONG THE EDGE OF RIGHT OF WAY, OUTSIDE THE CONSTRUCTION LIMITS SHALL BE SAVED IF, IN THE OPINION OF THE ENGINEER, THEY DO NOT INTERFERE WITH CONSTRUCTION OPERATIONS. THE CONTRACTOR WILL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.
12. ALL EXISTING FENCE WITHIN THE PROPOSED RIGHT OF WAY SHALL BE REMOVED. THE COST OF THE FENCE REMOVAL WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
13. EXISTING RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REMOVED PRIOR TO RESURFACING.

J.U.L.I.E. TELEPHONE NUMBER  
 1-800-892-0123

KNOWN UTILITIES LOCATED WITHIN THE LIMITS OF THIS IMPROVEMENT ARE:

FIBER OPTIC VERIZON NORTH, INC. 330 WEST BEECHER AVE JACKSONVILLE, IL 62650 217-243-02594290 MR. BRENT HINTHORNE	CABLE TV MEDIA COMM. 4290 BLUESTEM RD. P.O. BOX 288 CHARLESTON, IL 61920 217-348-5533 EXT. 3 MR. JOHN WILSON	GAS TRANSMISSION AMERENIP 370 S. MAIN ST., D-50 DECATUR, IL 62523 217-424-7004 MR. CAREY PHELPS
WATER/SEWER VILLAGE OF CHAPIN 510 EVERETT, BOX 213 CHAPIN, IL 62628 217-472-3111 MR. TODD BERRY	WATER CONCORD WATER SYSTEMS 970 WEST LAFFAYETTE AVE. JACKSONVILLE, IL 62650 217-245-4146 MR. ED DEGROOT	ELECTRIC AMEREN CIPS 700 JERSEY ST. P.O. BOX 1089 QUINCY, IL 217-221-0817 MR. SCOTT HEIKES
GAS AMEREN 700 JERSEY ST. P.O. BOX 1089 QUINCY, IL 62306 217-221-0869 MR. ANTHONY SANNEN	FIBER OPTIC AT&T 529 SOUTH 7TH ST., FLOOR 3B SPRINGFIELD, IL 62721 217-789-8367 MR. MARK MILLER	

14. ALL PIPE TEES WHICH ARE TO BE PLUGGED, SHALL RECEIVE 6" THICK PLUG OF SEAL-IN-PLACE CONCRETE AS DIRECTED BY THE ENGINEER TO SATISFACTORY SEAL THE END OF THE PIPE TEE. ALL COST INCLUDED IN BID PRICE OF THE PIPE TEE.
15. A GEOTECHNICAL REPORT HAS BEEN COMPLETED FOR THIS PROJECT AND IS AVAILABLE FOR REVIEW BY THE CONTRACTORS PRIOR TO BIDDING AT IDOT, DISTRICT SIX ANNEX BUILDING 2713 STEVENSON DRIVE, SPRINGFIELD, IL (MATERIALS SECTION).
16. UNLESS OTHERWISE NOTED, THE OFFSETS SHOWN IN THE PLANS FOR THE END OF PIPE CULVERTS ARE TO THE END OF THE LAST SECTION OF PIPE NOT TO THE END OF THE END SECTION.
17. THE REMOVAL OF OIL AND CHIP PAVEMENT SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
18. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT.

LOCATION(S):	CROSSOVER "A" & TRANSITIONS A & B	
MIXTURE USE(S):	HMA BASE COURSE	HMA SURFACE COURSE
AC/PG:	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N DESIGN=70	4.0% @ N DESIGN=70
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 19.0	IL 9.5 or IL 12.5
FRICITION AGGREGATE	N/A	MIX "D"

LOCATION(S):	CROSSOVER "B" & TRANSITIONS C & D			
MIXTURE USE(S):	HMA BASE COURSE (LOWER LIFTS)	HMA BASE COURSE (TOP LIFT)	LEVELING BINDER	HMA SURFACE COURSE
AC/PG:	PG 64-22	SBS PG 64-28	SBS PG 64-28	SBS PG 64-28
DESIGN AIR VOIDS:	4.0% @ N DESIGN=70	4.0% @ N DESIGN=70	4.0% @ N DESIGN=70	4.0% @ N DESIGN=70
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 19.0	IL 19.0	IL 9.5	IL 9.5 or IL 12.5
FRICITION AGGREGATE	N/A	NA	N/A	MIX "D"

LOCATION(S):	FAS 579 / CH 7 (CONCORD ROAD)			
MIXTURE USE(S):	HMA BASE COURSE	HMA BINDER COURSE	LEVELING BINDER	HMA SURFACE COURSE
AC/PG:	PG 64-22	SBS PG 64-28	SBS PG 64-28	SBS PG 64-28
DESIGN AIR VOIDS:	4.0% @ N DESIGN=50	4.0% @ N DESIGN=50	4.0% @ N DESIGN=50	4.0% @ N DESIGN=50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 19.0	IL 19.0	IL 9.5	IL 9.5 or IL 12.5
FRICITION AGGREGATE	N/A	NA	N/A	MIX "C"

LOCATION(S):	US 67 FRONTAGE ROAD (CONCORD) - STAGE 1		
MIXTURE USE(S):	HMA BASE COURSE	HMA BINDER COURSE	LEVELING BINDER
AC/PG:	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N DESIGN=70	4.0% @ N DESIGN=70	4.0% @ N DESIGN=70
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 19.0	IL 19.0	IL 9.5
FRICITION AGGREGATE	N/A	NA	N/A

LOCATION(S):	ALL LOCATIONS NOT SPECIFIED IN OTHER TABLES			
MIXTURE USE(S):	HMA BASE COURSE & WIDENING	HMA BINDER COURSE	LEVELING BINDER	HMA SURFACE COURSE
AC/PG:	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N DESIGN=50	4.0% @ N DESIGN=50	4.0% @ N DESIGN=50	4.0% @ N DESIGN=50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 19.0	IL 19.0	IL 9.5	IL 9.5 or IL 12.5
FRICITION AGGREGATE	N/A	NA	N/A	MIX "C"

LOCATION(S):	ALL		ALL	
MIXTURE USE(S):	HMA SHOULDER (LOWER LIFTS)	HMA SHOULDER (TOP LIFT)	PATCHING	INCIDENTAL SURFACING
AC/PG:	PG 58-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	2.0% @ N DESIGN=30	4.0% @ N DESIGN=50	NOTE 1	4.0% @ N DESIGN=50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	BAM	IL 9.5 or IL 12.5	IL 19.0	IL 9.5 or IL 12.5
FRICITION AGGREGATE	N/A	MIX "C"	N/A	MIX "C"

NOTE 1: THE N DESIGN LEVEL SHALL MATCH THAT OF THE SURFACE SPECIFIED AT THE GIVEN LOCATION.

**RATES OF APPLICATION TABLE**

AGGREGATE (SURFACE, BASE, SUBBASE, OR BACKFILL)	2.05 TON / CU YD
SUBBASE GRANULAR MATERIAL, TYPE C	2.05 TON / CU YD
STONE DUMPED RIPRAP	1.50 TON / CU YD
ROCKFILL	1.89 TON / CU YD
<b>HOT-MIX ASPHALT:</b>	
BITUMINOUS MATERIALS (PRIME COAT)	0.00038 TON / SO YD (on pavement)
BITUMINOUS MATERIALS (PRIME COAT)	0.001425 TON / SO YD (on aggregate)
AGGREGATE PRIME COAT	0.002 TON / SO YD
SURFACE / BINDER (112 lbs)	0.056 TON / SO YD • IN
<b>SEEDING AREAS:</b>	
NITROGEN FERTILIZER NUTRIENT	90 LBS / ACRE
PHOSPHOROUS FERTILIZER NUTRIENT	90 LBS / ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS / ACRE
AGRICULTURAL GROUND LIMESTONE	2 TON / ACRE
MULCH	2 TON / ACRE
LIME FOR MODIFIED SOILS, 12"	0.02 TON / SO YD

CONTRACT NO. 72667				
F.A.P. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3(3HB)	MORGAN	793	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

**COMMITMENTS**

1. INSTALL 22' WIDE AGG FE AT STA 43+00 ON US 67 FRONTAGE ROAD.
2. INSTALL 22' WIDE AGG FE AT STA 846+00 ON US 67 THAT WILL INCLUDE A SECURITY GATE AND KEY. THE PROPERTY OWNER IS RESPONSIBLE FOR SECURING GATE WHEN NOT IN USE.
3. INSTALL 22' WIDE AGG FE AT STA 1048+00 ON US 67.
4. INSTALL 22' WIDE HMA PE AT STA 1015+40 ON US 67.
5. INSTALL 22' WIDE AGG FE AT STA 1119+00 ON US 67.
6. INSTALL 24' WIDE AGG PE AT STA 77+48 ON BETHEL LANE. THIS IS TO PROVIDE A 30' TOP FOR THEIR ENTRANCE (24' + TWO 3' SHOULDERS).
7. CONSTRUCT SMALL BERM FROM STA 1064+00 TO STA 1068+00 RT.
8. INSTALL FE AT STA 99+75 RT ON RELOCATED CYLINDER HEAD ROAD.
9. INSTALL FE AT STA 94+50 LT ON RELOCATED CYLINDER HEAD ROAD.
10. CONCRETE DRIVEWAY AT STA 2+00 ON ASH STREET IS OUTSIDE OF CONSTRUCTION LIMITS - WILL NOT BE AFFECTED. ACCESS TO THIS RESIDENTIAL PARCEL TO BE ALLOWED AT ALL TIMES IN ACCORDANCE WITH ARTICLE 107.09 OF THE STANDARD SPECIFICATIONS.
11. DITCH TO BE GRADED ON MANKER PARCEL (6084164) IN BETHEL.
12. THE PROPERTY OWNERS REQUESTED A FE NOT BE CONSTRUCTED AT STA 1136+48 RT. A BREAK IN ACCESS CONTROL WILL BE PROVIDED IF THEY CHOOSE TO CONSTRUCT THIS FE IN THE FUTURE.
13. PARCEL 6084113 AND 6084138 (BUMGARNER) REQUESTED THAT CONCRETE ROW MARKERS NOT BE USED ON THEIR PROPERTY. IT WAS AGREED THE FLUSH MOUNT METHOD WOULD BE USED FOR THESE PARCELS.
14. THE FIELD / RESIDENT ENGINEER SHALL CONTACT DISTRICT 6 STUDIES AND PLANS AT 217 / 782-6990 CONCERNING ANY MAJOR PLAN CHANGES TO MAKE SURE NO PREVIOUS COMMITMENTS (NOT LISTED) WERE MADE AFFECTING THE DESIGN, AND TO ALLOW IMPROVEMENTS IN THE DESIGN FOR FUTURE PROJECTS.
15. SEEDING SHALL BE COMPLETED AS DESIGNATED IN THE STORM WATER POLLUTION PREVENTION PLAN. ALL AREAS OF POTENTIAL FOR EROSION SHALL BE SEEDED BY OCTOBER 1, AND SHALL NOT BE REOPENED UNTIL AFTER THE WINTER SHUT DOWN PERIOD (SEE SWPPP).
16. ROADS SHALL BE OPENED AT ALL TIMES TO PROVIDE FARMERS ACCESS TO NECESSARY FARM FIELDS.
17. INDIVIDUAL 404 PERMIT.
18. DUST CONTROL WILL BE HANDLED PROPERLY BY IDOT'S CONTRACTORS. WATER TRUCKS SHALL BE PROVIDED TO KEEP DUST FROM THE PREGRADE FROM BLOWING NEAR HOMES.
19. STORM WATER POLLUTION PREVENTION PLAN REQUIRED FOR NPDES PERMIT BY IEPA.
20. SWPPP / NPDES PERMIT.

**LEGEND**

<b>PLAN VIEWS:</b>	
--AC--	PROPOSED ACCESS CONTROL AND ROW
—AC—	PROPOSED ACCESS CONTROL ONLY
J	PROPOSED PIPE UNDERDRAIN SYMBOL
TBF	ITEM TO BE FILLED
TBR	ITEM TO BE REMOVED
BR*X	BUILDING REMOVAL NO. X
SR*X	REMOVAL OF EXISTING STRUCTURES NO. X
W W EX	EXISTING WOVEN WIRE FENCE
W W	PROPOSED WOVEN WIRE FENCE
CH L	PROPOSED CHAIN LINK FENCE
<b>CROSS SECTION VIEWS:</b>	
-----	STAGE CONSTRUCTION LINE
S.D.	SPECIAL DITCH ELEVATION

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION  GENERAL NOTES AND LEGEND FAP 310 (US 67/IL 104)
NAME	DATE	

DRAWN BY EBB  
 CHECKED BY  
 DATE 6/06

FILE#