PAGE	INDEX OF SHEETS	HIGHWAY STANDARDS				
1	COVER SHEET					
2	INDEX OF SHEETS, GENERAL NOTES,	000001-08	630001-12	701400-11	42070	
2	HIGHWAY STANDARDS AND COMMITMENTS	001001-02	630301-09	701401-13	44200	
3-10	SUMMARY OF OUANTITIES	001006		701411 - 09	44220	
11-16	TYPICAL SECTIONS	202001-01	635001-02	701416 - 11	60100	
17 - 10	SCHEDULE OF QUANTITIES	280001-07	642001-03	701426 - 09	60110	
29-35	ALIGNMENTS TIES AND BENCHMARKS	420001-10	643001-02	701428-01	60600	
36-42	COORDINATE CONTROL	420101-07	666001-01	701451 - 05		
43-56	PLAN & PROFILE FAI-57	420206-13		701502 - 09	60630	
57 - 58	PLAN & PROFILE RAMP A	420306-11	701001-02	701901 - 08	63101	
59-60	PLAN & PROFILE RAMP B	421001-03	701006-05	704001 - 08	63103	
61-62	PLAN & PROFILE RAMP C	421201-07	701101-05	720001 - 01	63103	
63-64	PLAN & PROFILE RAMP D	442101-09	701106-02	720006-04	66500	
65-75	REMOVAL ITEMS	483001-06	701011-04	725001 - 01	82110	
76-77	ALTERNATE ROUTE & RAMP DETOUR ROUTE DETAILS	515001-04	701201-05	728001 - 01	83500	
78 - 87	MAINTENANCE OF TRAFFIC STAGE 1	542301-03	701301 - 04	78000 1- 05	83600	
88-97	MAINTENANCE OF TRAFFIC STAGE 2	542311-07	701321-18	781001 - 04		
98-109 *	EROSION CONTROL	542546-01	701326-04	782006-01		
110-116	PAVEMENT MARKING PLAN					
117-127	STRUCTURE DETAIL SHEETS					
128-168	OVERHEAD STRUCTURE REPAIR DETAILS - BY OTHERS					
169-171	LIGHTING DETAIL SHEETS	COMMITMENTS				
172-173	DETAILS - SUPER ELEVATION					
174	DETAILS - SOUTH CROSSOVER			REATER IN DIAMETI		
175	DETAILS - NORTH CROSSOVER			CLEARED FROM AF	PRIL 1ST	
176	DETAILS - 70' MEDIAN SINGLE LANE CROSSOVER	THROUGH SEP	TEMBER 30TH OF	ANY GIVEN YEAR.		
177	DETAILS - BEVELED PIPE AND GUARD	NO BATE SS S	ICAIC OF BATS			
178	DETAILS - SLOTTED DRAIN PIPE			RE OBSERVED ON		
179	DETAILS - OUTLET PROTECTOR			BAT BRIDGE/STRI		
180	DETAILS - CONCRETE COLLAR			WO YEARS AND T		
		EXPIRED ASSES	SSIMILINIS SHALL B	E DEDATED ERIOR	1()	

*109A-109I PLAT OF HIGHWAYS

205-398 CROSS SECTIONS FAI-57 399-419 CROSS SECTIONS RAMP A 420-444 CROSS SECTIONS RAMP B 445-460 CROSS SECTIONS RAMP C 461-484 CROSS SECTIONS RAMP D

DETAILS - CLASS A PATCHING (SPECIAL)

TEMPORARY LIGHTING - BY OTHERS

DETAILS - SIGN PANELS

DETAILS - SMART TRAFFIC MONITORING SYSTEM

GENERAL NOTES

181-182

184-201

202-204

, UTILITIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA:	ABOVE GROUND	BELOW GROUND
AMEREN ILLINOIS (GAS & ELECTRIC)	X	X
AT&T ILLINOIS (COMMUNICATIONS)	X	X
BP PIPELINES (NORTH AMERICA) INC. (PIPELINE)		X
CHARTER COMMUNICATIONS, INC. (CABLE TV)	X	X
CONTRYMARK COOPERATIVE, LLP (PIPELINE)		X
ENABLE MIDSTREAM PARTNERS (PIPELINE)		X
VILLAGE OF ODIN (WATER & SANITARY SEWER)		X
RACCOON WATER COMPANY (WATER)		X
CITY OF SALEM (WATER, SANITARY SEWER & GAS)		X
TRI-COUNTY ELECTRIC COOPERATIVE, INC. (ELECTRIC)	X	X
US SONET LLC (COMMUNICATIONS)		X

- 2. THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING AND/OR INTELLIGENT TRANSPORTATION SYSTEMS (I.T.S.) UTILITIES WITHIN THE PROJECT LIMITS. IF HIGHWAY LIGHTING AND/OR I.T.S. 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. THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- 3. TWENTY-ONE (21) CHANGEABLE MESSAGE SIGNS SHALL BE REQUIRED FOR THIS PROJECT. THEY SHALL BE PLACED TWO (2) WEEKS PRIOR TO AND THE DURATION OF PRE-STAGE, TWO (2) WEEKS PRIOR TO STAGE 1 AND TWO (2) WEEKS PRIOR TO STAGE 2. STMS WILL BE USED FOR THE DURATION OF STAGE 1 AND 2. THE CHANGEABLE MESSAGE SIGNS SHALL BE PLACED ALONG I-57 & IL 161 AT THE DIRECTION OF THE ENGINEER.
- 4. THE CONTRACTOR SHALL PROVIDE POSITIVE AND ADEQUATE DRAINAGE AT ALL LOCATIONS AT ALL TIMES. THIS MAY INCLUDE, BUT IS NOT LIMITED TO, REPLACEMENT OR RECONSTRUCTION OF EXISTING DRAINAGE STRUCTURES THAT HAVE BEEN DAMAGED OR REMOVED, REGRADING, PLUGGING ABANDONED PIPES, OR OTHER ACTIVITIES REQUIRED BY THE ENGINEER.
- 5. ALL ELEVATIONS REFER TO THE NAVD 88 DATUM.
- 6. ONLY SHORT TERM PAVEMENT MARKING REMOVAL FROM THE FINAL SURFACE SHALL BE PAID FOR AS "SHORT TERM PAVEMENT MARKING REMOVAL"
- 7. THE INTENT OF THE MILLING IS TO REMOVE THE HMA RESURFACING ONLY. THE UNDERLYING CONCRETE SHALL NOT BE DISTURBED.
- 8. ALL MILLED AREAS SHALL BE RESURFACED WITH THE APPROPRIATE SURFACE COURSE PRIOR TO OPENING THE LANE(S) TO TRAFFIC TO ALLEVIATE ANY DROP OFFS BETWEEN ADJACENT SURFACES OF MORE THAN 2".

- 9. ALL CULVERT EXTENSIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH METHOD II AS SPECIFIED IN ART, 542,05 OF THE STANDARD SPECS. PRIOR TO EXTENDING ANY CULVERT, THE ENTIRE LENGTH OF THE EXISTING CULVERT SHALL BE CLEANED OF ALL EARTH AND DEBRIS BY THE CONTRACTOR, THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE EXTENSION.
- 10. FACTORS FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

AGGREGATE (SURFACE, BASE, & BACKFILL)

BITUMINOUS MATERIALS:

TACK/PRIME COAT FOR BITUMINOUS CONCRETE:

 -ON PAVEMENT
 0.05 LB/SQ FT

 -ON AGGREGATE
 0.25 LB/SQ FT

 -ON COLD MILLED SURFACE
 0.05 LB/SQ FT

 -FOG COAT ON NEW BINDER
 0.025 LB/SQ FT

HOT-MIX ASPHALT 112 LBS/SQ YD/IN RIP RAP 1.5 TON/CU YD SEEDING, CLASS 2A 200 LB/ACRE TEMPORARY EROSION CONTROL SEEDING 100 LB/ACRE NITROGEN FERTILIZER NUTRIENT 90 LB/ACRE PHOSPHORUS FERTILIZER NUTRIENT 90 LB/ACRE POTASSIUM FERTILIZER NUTRIENT 90 LB/ACRE MULCH 2 TON/ACRE

- 11. ALL REMOVED GUARDRAIL COMPONENTS ARE THE PROPERTY OF THE CONTRACTOR AND THE SALVAGE VALUE OF SAID COMPONENTS SHALL BE REFLECTED IN THE CONTRACTOR'S BID.
- 12. DOWELS FOR CRC PAVEMENT LUG SYSTYEMS (HWY STD 421201) SHALL BE CENTERED IN THE EXISTING 8" CRC PAVEMENT.
- 13. SAW CUTTING ON ALL EDGES FOR REMOVAL ITEMS SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEM AS INDICATED AND IN ACCORDANCE WITH SECTION 440 OF THE STANDARD SPECIFICAITONS.

ROUTE	FAI 57
SECTION	61-(1,1-1,1-2,2)RS-1
COUNTY	MARION
CONTRACT	76F79

DESCRIPTION: RECONSTRUCTION & BRIDGE REPAIR ALONG I-57 FROM JEFFERSON CO LINE TO 0.7 MI N OF IL 161

	RAMPS	MAINLINE
ADT (CONST. YR)	1,500	22,900
MU%	4.8	40.2
SU%	8,6	2.2
20 YR. ESAL'S	0.57	54.55

	RAMPS			
	SN 061-0017	SN 061-0027 & 0046		
		WIDENING	BASE COURSE W	'IDENING (STAGE)
MIXTURE USE	POLY SURFACE	BINDER	SURFACE	BINDER
AC/PG	SBS PG 76-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=90	4.0% @ Ndes=90
MIX COMPOSITION	IL 9.5	IL 19.0	IL 9.5	IL 19.0
FRICTION AGG	MIXTURE "D"	MIXTURE "B"	MIXTURE "E"	MIXTURE "B"
QUALITY MGMT PROG.	QC/QA	QC/QA	QC/QA	QC/QA
MatTranDev Required?	no	no	no	no
	\sim	$\!$	$\sim\sim\sim$	
/ · \				

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<u> </u>	Y	SHOULDERS			PATC	HING
MIXTURE USE	ァ	SHOULDERS (lower)	SHOULDERS (surface)	STABILIZED SUBBASE	SURFACE	BINDER
AC/PG	(PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	7	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION
DESIGN AIR VOIDS	C	4.0% @ Ndes=30	4.0% @ Ndes=30	4.0% @ Ndes=30	4.0% @ Ndes=90	4.0% @ Ndes=90
MIX COMPOSITION	$\overline{}$	IL 19.0L	. IL 9.5L_	IL 19.0L	∫ IL 9.5	IL 19.0
FRICTION AGG	\succ				MIXTURE "E"	MIXTURE "B"
QUALITY MGMT PROG.		QC/QA_	QC/QA	QC/QA	Q C/QA	QC/QA
MatTranDev Required?	7	no	no	no	no	no
	$^{-}$				7	

PLAN QUANTITIES FOR BITUMINOUS CONCRETE SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SQYD/IN (59.8 KG/SQ M/25MM THICKNESS).

ANY QCP PAY ITEM THAT HAS A QUANTITY OF 1600 TONS OR LESS WILL HAVE TWO SUBLOTS EACH OF WHICH WILL BE HALF OF THE PLAN QUANTITY OR HALF OF THE ADJUST QUANTITY BY THE RESIDENT ENGINEER/TECHNICIAN.

↑ REVISED 4-11-2022

REV. - MS

USER NAME = mobrien	DESIGNED - M.OBRIEN	REVISED - BJO 4-8-2022
	DRAWN - M.OBRIEN	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -
PLOT DATE = 2/18/2022	DATE -	REVISED -

420701-03

442001-04

442201-03 601001-05

601101-02 606001-08

606301-04

631011-10

631031-17 631032-09

665001-02

821101-02

835001-01 836001-04

EXPIRED ASSESSMENTS SHALL BE UPDATED PRIOR TO

CONSTRUCTION.