

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 666	99-00080-00-RP	DOUGLAS	279	2
FEDERAL DISTRICT NO. ...		ILLINOIS	PROJECT C-95-323-07	

SEE PROPOSAL DOCUMENTS FOR HIGHWAY STANDARD DRAWINGS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-01	AREAS OF REINFORCEMENT BARS
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
420401-06	BRIDGE APPROACH PAVEMENT
515001-02	NAME PLATE FOR BRIDGES
542301-01	PRECAST REINFORCED CONCRETE FLARED END SECTION
542306-01	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
602001	CATCH BASIN TYPE A
602011	CATCH BASIN TYPE C
602301-01	INLET TYPE A
602306-01	INLET TYPE B
602401-01	MANHOLE TYPE A
602601-01	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-01	MANHOLE STEPS
604001-02	FRAME AND LIDS TYPE 1
604006-03	FRAME AND GRATE TYPE 3
604036-01	GRATE TYPE B
606001-03	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
630001-07	STEEL PLATE BEAM GUARDRAIL
630301-04	SHOULDER WIDENING FRO TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631026-04	TRAFFIC BARRIER TERMINAL, TYPE 5
631031-06	TRAFFIC BARRIER TERMINAL, TYPE 6
635006-02	REFLECTOR AND TERMINAL MARKER PLACEMENT
667101	PERMANENT SURVEY MARKERS
701011-01	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-02	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-02	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
701901	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS
781001-02	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
BLR 21-7	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE STATE OF ILLINOIS STANDARD SPECIFICATIONS FOR ROADWAY AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2008. THESE PLANS AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.
- THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS, ARE BASED ON CAREFUL FIELD INVESTIGATION AND BEST INFORMATION AVAILABLE BUT THE LOCATIONS ARE NOT GARANTEED. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION. THE FOLLOWING UTILITY COMPANIES ARE KNOWN TO HAVE FACILITIES WITHIN THE PROJECT LIMITS;

Mr. Angelo Rosa  
Illinois Consolidated Telephone Company  
121 South 17<sup>th</sup> Street  
Mattoon, IL 61938  
(217) 235-3349

Mr. Dan Otto  
West Prairie Water Company  
751 E. Co Rd. 100N  
Arcola, IL 61910  
(217) 268-4417

Coles Moultrie Electric Cooperative  
104 DeWitt Avenue East  
Mattoon, IL 61938  
(217) 235-0341

- WHERE SECTION OR SUB-SECTION MONUMENTS ARE UNCOUNTED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- TREES WITHIN THE RIGHT-OF-WAY WHICH INTERFERE WITH CONSTRUCTION AND LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED ONLY AT THE DIRECTION OF THE ENGINEER.
- THE AREA TO BE SEEDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT-OF-WAY AS DIRECTED BY THE ENGINEER.
- THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

RIPRAP, SPECIAL	1.75 TON/CU YD
AGGREGATE MATERIALS	2.10 TON/CU YD
HMA ASPHALT	112 LB/SQ YD/INCH
LIME	45 LB/SQ YD
BITUMINOUS MATL(PRIME, COVER, & SEAL COAT)	0.40 GAL/ SQ YD
COVER & SEAL COAT AGGREGATE	25 LB/SQ YD
BITUMINOUS MATERIAL(FOG COAT)	0.05 GAL/SQ YD
- CONSTRUCTION STAKING SHALL BE PERFORMED BY DOUGLAS COUNTY FORCES. THE CONTRACTOR SHALL GIVE 48 HOURS NOTICE TO THE ENGINEER AS TO THE LOCATIONS AND WORK ITEM THAT IS NEEDED LAYED OUT.
- ALL LEVELING BINDER OR BINDER SHALL BE GIVEN A FOG COAT OF PRIME BEFORE THE SURFACE COURSE IS PLACED WHEN DIRECTED BY THE ENGINEER. THE FOG COAT SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER GALLON FOR BITUMINOUS MATERIAL (PRIME COAT) AND NO ADDITIONAL COMPENSATIONS WILL BE ALLOWED.

PAVEMENT DESIGN DATA, HMA PAVEMENT (FULL DEPTH), 6"			
STRUCTURAL DESIGN TRAFFIC:	YEAR <u>2019</u>		
PV=	<u>1144</u>	SU=	<u>91</u> MU= <u>65</u>
ROAD/STREET CLASSIFICATION:	FUNCTIONAL CLASSIFICATION <u>MAJOR COLLECTOR</u>		
	ROADWAY CLASSIFICATION <u>III</u>		
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:			
P=	<u>50%</u>	S=	<u>50%</u> M= <u>50%</u>
TRAFFIC FACTOR:	ACTUAL TF = <u>0.284</u>		
	MINIMUM TF = _____		
PG GRADE:	BINDER =	PG 64-22	SURFACE = PG 64-22
SUBGRADE SUPPORT RATING:			
SSR = FAJR	(STA. 21+00.00 TO 110+47.37)		
SSR = FAJR	(STA. 116+78.30 TO 229+81.65)		

PAVEMENT DESIGN DATA, HMA PAVEMENT (FULL DEPTH), 7 1/2"			
STRUCTURAL DESIGN TRAFFIC:	YEAR <u>2019</u>		
PV=	<u>1144</u>	SU=	<u>91</u> MU= <u>65</u>
ROAD/STREET CLASSIFICATION:	FUNCTIONAL CLASSIFICATION <u>MAJOR COLLECTOR</u>		
	ROADWAY CLASSIFICATION <u>III</u>		
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:			
P=	<u>50%</u>	S=	<u>50%</u> M= <u>50%</u>
TRAFFIC FACTOR:	ACTUAL TF = <u>0.351</u> (80,000 LB)		
	MINIMUM TF = _____		
PG GRADE:	BINDER =	PG 64-22	SURFACE = PG 64-22
SUBGRADE SUPPORT RATING:			
SSR = POOR	(STA.110+47.37 TO 116+78.30)		

GENERAL NOTES			
Revisions	Surveyed:	DLE	
No. DATE INITIALS	Designed:	JEC	
1	Drawn:	JEC	
2	Checked:	---	
3	Approved:	JEC	
4	Date:	1/08	
5	Job No.:	NA	
6			
7			

FAS ROUTE 666 (CH 11)  
DOUGLAS COUNTY, ILLINOIS

DOUGLAS COUNTY HIGHWAY  
DEPARTMENT  
TUSCOLA, ILLINOIS