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STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

PLANS FOR PROPOSED ROAD DISTRICT IMPROVEMENT

TAZEWELL COUNTY

LITTLE MACKINAW ROAD DISTRICT

TR 229-A - SPRINGTOWN RD.

SECTION NO. 06-00000-00-SP

PROJECT NO. HS-179(30)

JOB NO. C-94-100-07

STANDARDS

630001-07 STEEL PLATE BEAM GUARDRAIL

630301-04 SHOULDER WIDENING FOR TYPE I (SPECIAL) GUARDRAIL TERMINALS

631011-03 TRAFFIC BARRIER TERMINAL, TYPE 2

631032-03 TRAFFIC BARRIER TERMINAL, TYPE 6A

OFF-ROAD OPERATIONS, 2L 2W, 15' MIN. AWAY FOR SPEEDS >= 45 MPH 701001-01

701006-02 OFF-ROAD OPERATIONS, 2L 2W, 15' TO 24" AWAY FOR SPEEDS >= 45 MPH 701011-01 OFF-ROAD MOVING OPERATIONS, 2L 2W, DAY ONLY, FOR SPEEDS >= 45 MPH

701301-02 LANE CLOSURE, 2L 2W SHORT TIME OPERATIONS

701306-01 LANE CLOSURE, 2L 2W SLOW OPERATIONS - MOVING DAY ONLY FOR SPEEDS >= 45 MPH

702001-06 TRAFFIC CONTROL DEVICES

UTILITIES

VERIZON 1312 EAST EMPIRE BLOOMINGTON, IL 61701 ATTENTION: CHRISTINE GLAWE PHONE: (309) 663-3311

CORNBELT

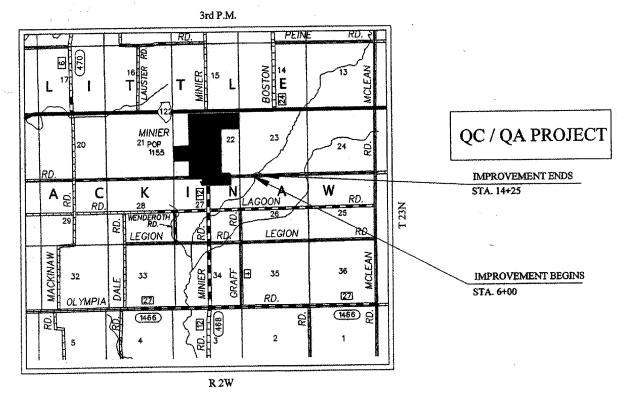
TOLL FREE

JOINT UNTILITY LOCATING INFORMATION FOR EXCAVATORS (J.U.L.I.E.) TELEPHONE NUMBER 1-800-892-0123

DESIGN GUIDELINES: 3R

ADT(2003) = 700PV = 97%, SU = 1.9%, MU = 1.1%DESIGN SPEED: 55 M.P.H. HIGHWAY CLASS: MINOR COLLECTOR (NON-URBAN) CONTRACT NO: 89470 CATALOG NO: 033549-00 COMMITMENTS: NONE VARIANCES GRATED: NONE



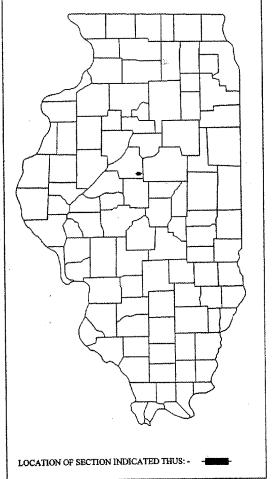


SCALE OF LAYOUT

THESE PLANS WERE PREPARED BY A FULL TIME MEMBER OF MY STAFF UNDER MY PERSONAL SUPERVISION.



TAZEWELL 5 TR 229-A 06-00000-00-SP LLINOIS PROJECT FED. ROAD DIST. NO. CONTRACT NO: 89470



STATE OF ILLINOIS

NET LENGTH OF IMPROVEMENT: 825 FT. OR 0.156 MILES TOTAL LENGTH OF IMPROVEMENT: 825 FT. OR 0.156 MILES

	_	SUMMARY OF QUANTIT	TES	
				JCTION TYPE CODE:
	CODE	ITEM	UNIT	QUANTITY
.	X6310187	TRAFFIC BARRIER TERMINAL, TYPE 6A MODIFIED	EACH	1
1	X6320100	GUARDRAIL REMOVAL, SPECIAL	FOOT	92
	20400800	FURNISHED EXCAVATION	CU YD	80
-	40600100	BITUMINOUS MATERIALS PRIME COAT	GALLON	125
Г	40600300	AGGREGATE PRIME COAT	TON	2
Γ	40603305	HOT-MIX ASPHALT SURFACE COURSE MIX C N30	TON	145
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	, SQ YD	700
	X0325701	STEEL RAILING, TYPE 2399	FOOT	116
Г	63000005	STEEL PLATE BEAM GUARDRAIL, TYPE B	FOOT	225
-	63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1
-	63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	3
_	63100167	TRAFFIC BARRIER TERMINAL TYPE 1 SPL TAN	EACH	3
	67100100	MOBILIZATION	L SUM	1
	70101800	TRAFFIC CONTROL AND PROTECTION SPECIAL	L SUM	1
	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	19
	78200400	GUARDRAIL REFLECTORS	EACH	8
 	78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	3

_	ROUTE NO.	TE NO. SECTION COUNTY		TOTAL SHEETS	SHEET NO.	
	TR 229-A	06-00000-00-SP	TAZE	TAZEWELL		2
	FED. ROAD D	NST. NO.	ILLINOIS	PROJECT		
	,		CC	ONTRACT	NO: 894	70

GENERAL NOTES

ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2007," THESE PLANS AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.

THE LOCATIONS OF EXISTING GAS MAINS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THE LOCATIONS ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE INDIVIDUAL UTILITY COMPANIES AND BY FIELD INSPECTION.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, 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.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES: 112 LB/IN/SQYD HOT-MIX ASPHALT BITUMINOUS MATERIALS PRIME COAT 0.1 GAL/SQ YD

* SEE SPECIAL PROVISION

RT. STA. 8+00.7 TO RT. STA. 9+25.7

LT, STA. 10+71.0 TO LT. STA. 11+71.0

TRAFFIC BARRIER TERMINAL, TYPE 6A				
LOCATION	EACH			
RT. STA. 9+25.7 TO RT. STA. 9+69.4	1			
LT. STA. 9+28.7 TO LT. STA. 9+72.4	1			
LT. STA. 10+30.4 TO LT. STA. 10+74.0	1			
TOTAL	3			

TOTAL	3	
		6
STEEL PLATE BEAM GUARDRAII	L, TYPE B	
LOCATION	FOOT	
		1

125

100

225

TOTAL

TRAFFIC BARRIER TERMINAL, TY 1 SPL (TAN)					
LOCATION	EACH				
RT. STA. 7+50.7 TO RT. STA. 8+00.7	1				
LT. STA. 8+78.7 TO LT. STA. 9+28.7	1				
LT. STA. 11+71.0 TO LT. STA. 12+21.0	1				
\ TOTAL	3				

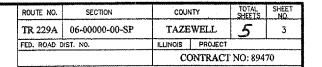
TRAFFIC BARRIER TERMINAL, TYPE 6A MODIFIED					
LOCATION	EACH				
RT. STA. 10+27.4 TO RT. STA. 10+68	1				
TOTAL	1				

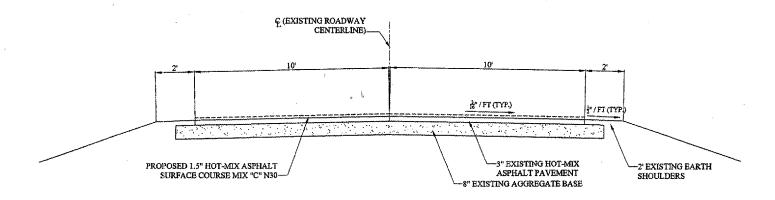
TRAFFIC BARRIER TERMINAL, TYPE 2					
L	EACH				
RT. STA. 10+68	то	RT. STA. 10+68		1	
			TOTAL	1	

GUARDRAIL REMOVAL SPECIAL			
LOCATION FOOT			
NORTHWEST WINGWALL	24		
SOUTHWEST WINGWALL	. 24		
NORTHEAST WINGWALL	20		
SOUTHEAST WINGWALL	24		
TOTAL	92		

FURNISHED EXCAVATION					
L	CU YD				
RT. STA. 7+15	то	RT. STA. 8+00	20		
LT. STA. 8+55	то	LT. STA. 9+30	35		
LT. STA. 11+70	то	LT. STA. 12+55	25		
111111111111111111111111111111111111111		то	TAL 80		

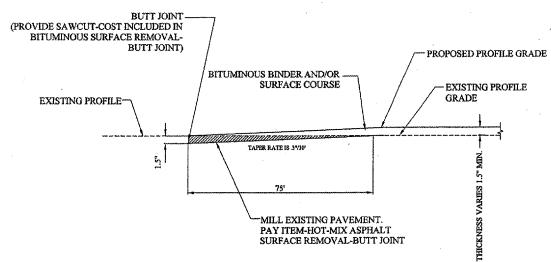
SUMMARY OF QUANTITIES SPRINGTOWN RD. SEC. 06-00000-00-SP TAZEWELL COUNTY





EXISTING & PROPOSED TYPICAL SECTION

Mixture Uses:	Surface Course	
PG:	PG64-22	
RAP %: (Max)	30%	
Design Air Voids:	4.0% @N30	,
Mixture Composition: (Gradation Mixture)	IL 9.5 or IL 12.5	
Friction Aggregate:	Mixture C	



BUTT JOINT DETAIL

	51A. 10T29	10	51A.11T04
Ş	STA. 13+50	TO	
	•		

HMA SC MIX "C" N30					
	TON				
STA. 6+00	TO STA. 9+27		65		
STA. 10+29	TO STA, 14+25		80		
		TOTAL	145		

HMA SUR	F RE	M BT JT		
LOCATION				FOOT
STA. 6+00	то	STA. 6+75		167
STA. 8+52	TO	STA. 9+27		183
STA. 10+29	TO	STA. 11+04		183
STA. 13+50	TO	STA. 14+25		167
	· · · · · · · · · · · · · · · · · · ·		TOTAL	700

TYPICAL CROSS SECTIONS STRINGTOWN ROAD SEC. 06-00000-00-SP TAZEWELL COUNTY

