

01-21-2022 LETTING ITEM 133

FOR INDEX OF SHEETS & STATE STANDARDS  
SEE SHEET NO. 2

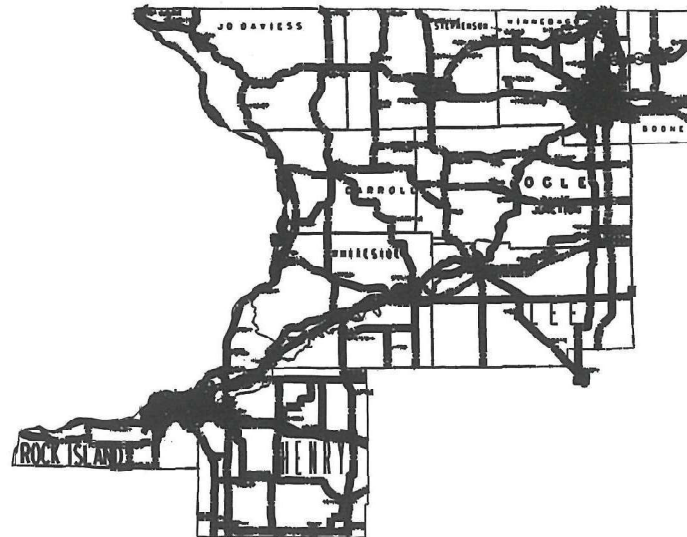
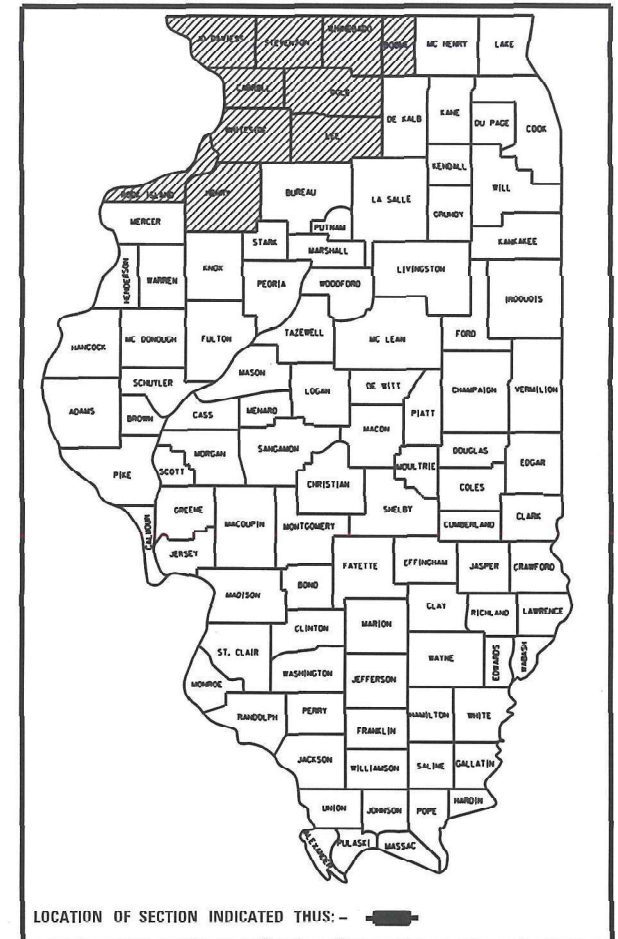
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

# PROPOSED HIGHWAY PLANS

VARIOUS ROUTES  
SECTION D2 GR 2022  
VARIOUS COUNTIES  
C-92-096-21

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D2 GR 2022	VARIOUS	7	1

CONTRACT NO. 64R23  
D-92-067-21



PROJECT ENGINEER: SCOTT KULLERSTRAND

SQUAD LEADER: LANCE NICKLAUS 815-284-5407

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123

CONTRACT NO. 64R23

VARIOUS ROUTES SECTION D2 GR 2022 VARIOUS COUNTIES

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED October 15, 20 21

Raymond Ahmed  
REGIONAL ENGINEER

December 10 <sup>20</sup> 21  
[Signature]  
ENGINEER OF DESIGN AND ENVIRONMENT

December 10 <sup>20</sup> 21  
Stephen M. Frantz  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 2

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725001-01	Object and Terminal Markers
728001-01	Telescoping Steel Sign Support
729001-01	Application of Type A and B Metal Posts
782006-01	Guardrail and Barrier Wall Reflector Mounting Details

**SUMMARY OF QUANTITIES**

VARIOUS ROUTES  
SECTION D2 GR 2022  
VARIOUS COUNTIES  
CONTRACT # 64R23  
SHEET 3 OF 7

URBAN

100% State  
0021

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	MHTMCB	MCHD FUND	CONTRACT MAINT
20400800	FURNISHED EXCAVATION	CU YD	100		50	50
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	6		4	2
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	6		4	2
63100105	TRAFFIC BARRIER TERMINAL, TYPE 10	EACH	4		2	2
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	60		40	20
63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	30		20	10
63301210	REMOVE AND RE-ERECT STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	100		50	50
63500105	DELINEATORS	EACH	50		30	20
66400105	CHAIN LINK FENCE, 4'	FOOT	325		100	225
66400305	CHAIN LINK FENCE, 6'	FOOT	300		150	150
66500105	WOVEN WIRE FENCE, 4'	FOOT	400		325	75
78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	130		120	10

**SUMMARY OF QUANTITIES**

VARIOUS ROUTES  
SECTION D2 GR 2022  
VARIOUS COUNTIES  
CONTRACT # 64R23  
SHEET 4 OF 7

URBAN

100% State  
0021

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	MHTMCB	MCHD FUND	CONTRACT MAINT
X0325899	REPAIR HIGH TENSION CABLE (GIBRALTAR)	FOOT	180	180		
X0325900	REPAIR HIGH TENSION BARRIER TERMINAL (GIBRALTAR)	EACH	3	3		
X0325902	REMOVE AND REPLACE POSTS (GIBRALTAR)	EACH	50	50		
X0327382	REPAIR HAIRPINS (GIBRALTAR)	EACH	50	50		
X0327383	REPAIR LOCK PLATES (GIBRALTAR)	EACH	50	50		
X6320310	LONG POST FOR STEEL PLATE BEAM GUARDRAIL	EACH	20		10	10
X6330725	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT	150		50	100
X6331101	TUBULAR THRIE BEAM	FOOT	50		25	25
X6331110	STEEL POSTS SPECIAL	EACH	60		40	20
X6432110	REPLACE IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3	EACH	40		30	10
X6640594	CHAIN LINK FENCE POST 4'	EACH	50		20	30
X6640601	CHAIN LINK FENCE POST 6'	EACH	50		30	20
Z0008760	EMERGENCY WORK CALL OUT	EACH	20		10	10
Z0012752	CONCRETE STRUCTURE REPAIR	CU FT	48		32	16
Z0020210	PULL POST ARRANGEMENT	EACH	13		7	6
Z0029658	REPAIR TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL - POST	EACH	80		40	40

**SUMMARY OF QUANTITIES**

VARIOUS ROUTES  
SECTION D2 GR 2022  
VARIOUS COUNTIES  
CONTRACT # 64R23  
SHEET 5 OF 7

URBAN

100% State  
0021

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	MHTMCB	MCHD FUND	CONTRACT MAINT
Z0052000	REPAIR STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	5500		4250	1250
Z0052100	REPAIR STEEL PLATE BEAM GUARDRAIL, TYPE B	FOOT	50		25	25
Z0052410	REPAIR TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (TANGENT)	EACH	50		30	20
Z0052415	REPAIR TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (FLARED)	EACH	12		6	6
Z0052600	REPAIR TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	12		6	6
Z0053000	REPAIR TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	4		2	2
Z0053200	REPAIR TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	6		4	2

REV. 12/1/21

## GENERAL NOTES

When posts are required to be placed through bituminous shoulders, all costs to do so shall be considered included in the contract unit cost of the work being done. The final top 3 inches of the area around the post shall be capped with either bituminous material or grout.

Standard 631021 (Traffic Barrier Terminal, Type 4) is obsolete and can no longer be installed. Typically, a Type 4 Terminal was used in the median of multi-lane divided highway. They are, however, still in use and when damage to one occurs, it is to be removed and replaced with a Traffic Barrier Terminal, Type 1, Special that is to be at least 12 feet off the edge of the pavement. To obtain the 12 foot distance, the existing SPBGR Type A will have to be removed and re-erected with a flair rate of 1:30 until the face of the guardrail is 12 feet out from the edge of the pavement. At this point, (where the SPBGR Type A is 12 feet off the edge of pavement), a new Traffic Barrier Terminal Type 1, Special (Tangent or Flared) is to be installed

The Contractor shall supply the Resident Engineer with the manufacturer's installation requirements for the Traffic Barrier Terminal Type 1, Special to be used on this contract, both tangent and flared.

Wood blockouts on wood posts shall be connected with one nail to prevent the blockout from moving.

All disturbed areas in the right of way, caused by the Contractors operations, shall be seeded with class 2A salt tolerant roadside mixture as stated in Section 250, Article 250.07 of the Standard Specifications for Road and Bridge Construction. All costs for seeding shall be considered included in the unit cost of the work being performed.

If the Contractor would like the work locations listed with GPS coordinates on the work orders, we can do that with units provided by the Contractor. We would require seven (10) units for this contract, one for each of our field engineers and field technicians. The Contractor would be responsible for all costs to keep the units in an operational condition.

Delineators shall be installed as shown in Standard 635001, except that the post shall be rotated 180° and only metal-backed delineators shall be permitted. Delineators shall be placed at the ends of approach guardrail terminal sections. This work will be paid for at the contract unit price each for DELINEATORS.

The Contractor shall be responsible for protecting utility property during construction operations as outlined in Article 107.31 of the Standard Specifications. A minimum of 48 hours advance notice is required for non-emergency work. The JULIE number is 800-892-0123.

IDOT is not a member of JULIE. If you are near any overhead lighting, intersection lighting or traffic signals, contact the IDOT Traffic Office at 815/284-5469 at least 48 hours prior to work.

# Additional Options for Repair to Damaged Obsolete Traffic Barrier Terminal Type 4

Various Routes  
D2 GR 2022  
Various Counties  
Sheet 7 of 7  
Contract Number: 64R23

