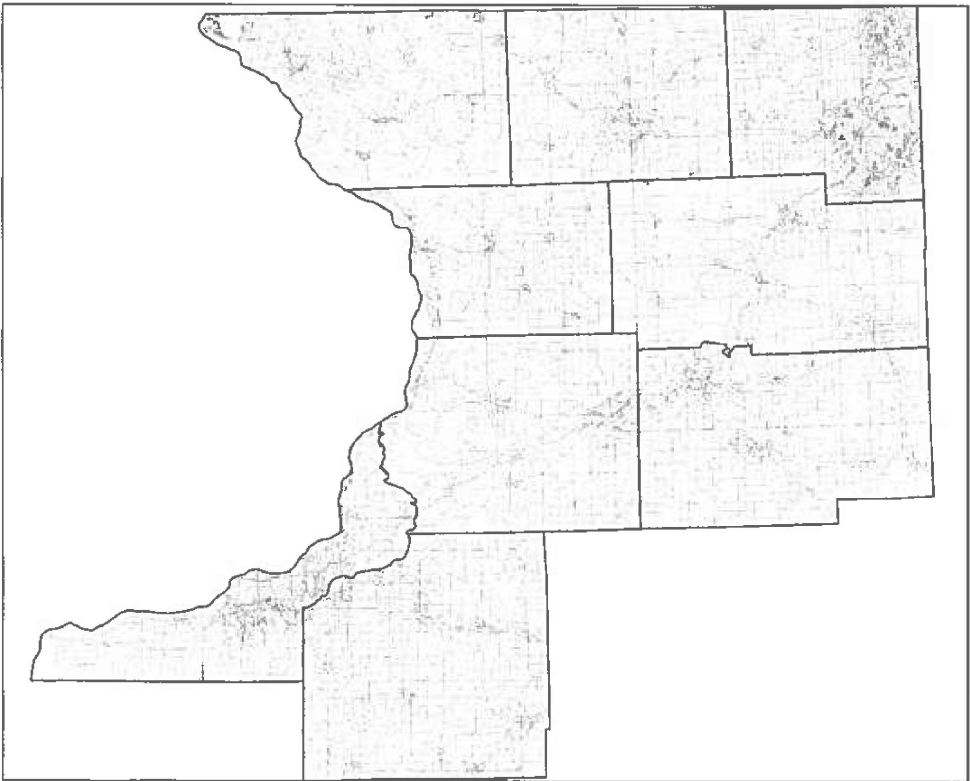


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
HIGHWAY PLANS

VARIOUS ROUTES
SECTION D2 GR 2025
GUARDRAIL REPAIR
VARIOUS COUNTIES

C-92-178-24



J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

CONTRACT NO. 64T76

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D2 GR 2025	VARIOUS	6	1
		ILLINOIS	CONTRACT NO. 64T76	

P-92-057-25



LOCATION OF SECTION INDICATED THUS: - - -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Jan 21 20 25
Julia Shoups
REGIONAL ENGINEER

March 21 20 25
Scott Etk
ENGINEER OF DESIGN AND ENVIRONMENT

March 21 20 25
Gregory
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

MODEL D2_SHT INDEX
FILE NAME: p:\dot\pc\p\hwy.com\PM\DOT\Documents\IDOT Office\District 2\CRD Projects\Operations\Maintenance Section\District 2\MOHD\Operations\Control Maintenance\FY 2025\64T76 - Guardrail\CAD\sheet\64T76 - 002 - Index Sheet.dgn

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2	INDEX OF SHEETS, STANDARDS, GENERAL NOTES
3-5	SUMMARY OF QUANTITIES
6	REPAIR OPTION FOR DAMAGED TRAFFIC BARRIER TERMINAL TYPE 4

HIGHWAY STANDARDS

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630101-11	GUARDRAIL MOUNTED ON EXISTING CULVERTS
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
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631026-06	TRAFFIC BARRIER TERMINAL, TYPE 5
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635001-02	DELINEATORS
664001-02	CHAIN LINK FENCE
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701101-05	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES
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701400-12	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES
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701421-08	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES
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701428-01	TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY
701501-06	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES
701502-09	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES
701601-09	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES
701602-10	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES
701606-10	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES
701701-10	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES
701901-10	TRAFFIC CONTROL DEVICES
720011-01	METAL POSTS FOR SIGNS, MARKERS, & DELINEATORS
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

GENERAL NOTES

WHEN POSTS ARE REQUIRED TO BE PLACED THROUGH BITUMINOUS SHOULDERS, ALL COSTS TO DO SO SHALL BE 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 AND 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 ON 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 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 PAVEMENT. AT THIS POINT, (WHERE THE SPBGR TYPE 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 2A SALT TOLERANT ROADSIDE MIXTURE AS STATED IN SECTION 250, ARTICLE 250.07 IF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. ALL COSTS FOR SEEDING SHALL BE INCLUDED IN THE 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.

THE DELINEATORS SHALL BE INSTALLED AS SHOWN ON 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.

	USER NAME = Nicholas.Vock	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS & HIGHWAY STANDARDS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			VAR	D2 GR 2025	VARIOUS	6	2	
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	PLOT DATE = 1/23/2025	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

MODEL D2_SHT SQO - 1
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SUMMARY OF QUANTITIES				CONSTRUCTION CODE		
				100% STATE	100% STATE	100% STATE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	SAFETY	SAFETY	SAFETY
				0021	0021	0021
				MHTCB	MCHD	CONT. MAINT.
20400800	FURNISHED EXCAVATION	CU YD	250	100	100	50
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	26	6	10	10
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	26	6	10	10
63100105	TRAFFIC BARRIER TERMINAL, TYPE 10	EACH	25	10	10	5
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	60	24	24	12
63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	30	12	12	6
63301210	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	200	80	80	40
63500105	DELINEATORS	EACH	100	40	40	20
66400105	CHAIN LINK FENCE, 4'	FOOT	150	60	60	30
66400305	CHAIN LINK FENCE, 6'	FOOT	100	40	40	20
66500105	WOVEN WIRE FENCE, 4'	FOOT	300	120	120	60
78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	100	40	40	20
X6310302	REPAIR TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (TANGENT)	EACH	40	16	16	8
X6310304	REPAIR TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (FLARED)	EACH	10	4	4	2

* SPECIALTY ITEM

	USER NAME = Nicholas,Vock	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 1/23/2025	DATE -	REVISED -								ILLINOIS	FED. AID PROJECT

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SUMMARY OF QUANTITIES				CONSTRUCTION CODE		
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				MHTCB	MCHD	CONT. MAINT.
X6310306	REPAIR TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL - POST	EACH	20	8	8	4
X6310316	REPAIR TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	12	5	5	2
X6310326	REPAIR TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	10	4	4	2
X6310330	REPAIR TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	10	4	4	2
X6320310	LONG POST FOR STEEL PLATE BEAM GUARDRAIL	EACH	50	20	20	10
X6330725	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT	150	30	60	60
X6331101	TUBULAR THRIE BEAM	FOOT	40	16	16	8
X6331110	STEEL POSTS (SPECIAL)	EACH	40	16	16	8
X6432110	REPLACE IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3	EACH	30	12	12	6
X6440130	REPAIR HIGH TENSION CABLE (GIBRALTAR)	FOOT	40	40		
X6440131	REPAIR HIGH TENSION BARRIER TERMINAL (GIBRALTAR)	EACH	1	0.5	0.5	
X6440134	REMOVE AND REPLACE POSTS (GIBRALTAR)	EACH	30	30		
X6440135	REPAIR LOCKPLATES (GIBRALTAR)	EACH	30	30		
X6440136	REPAIR HAIRPINS (GIBRALTAR)	EACH	30	30		

* SPECIALTY ITEM

	USER NAME = Nicholas,Vock	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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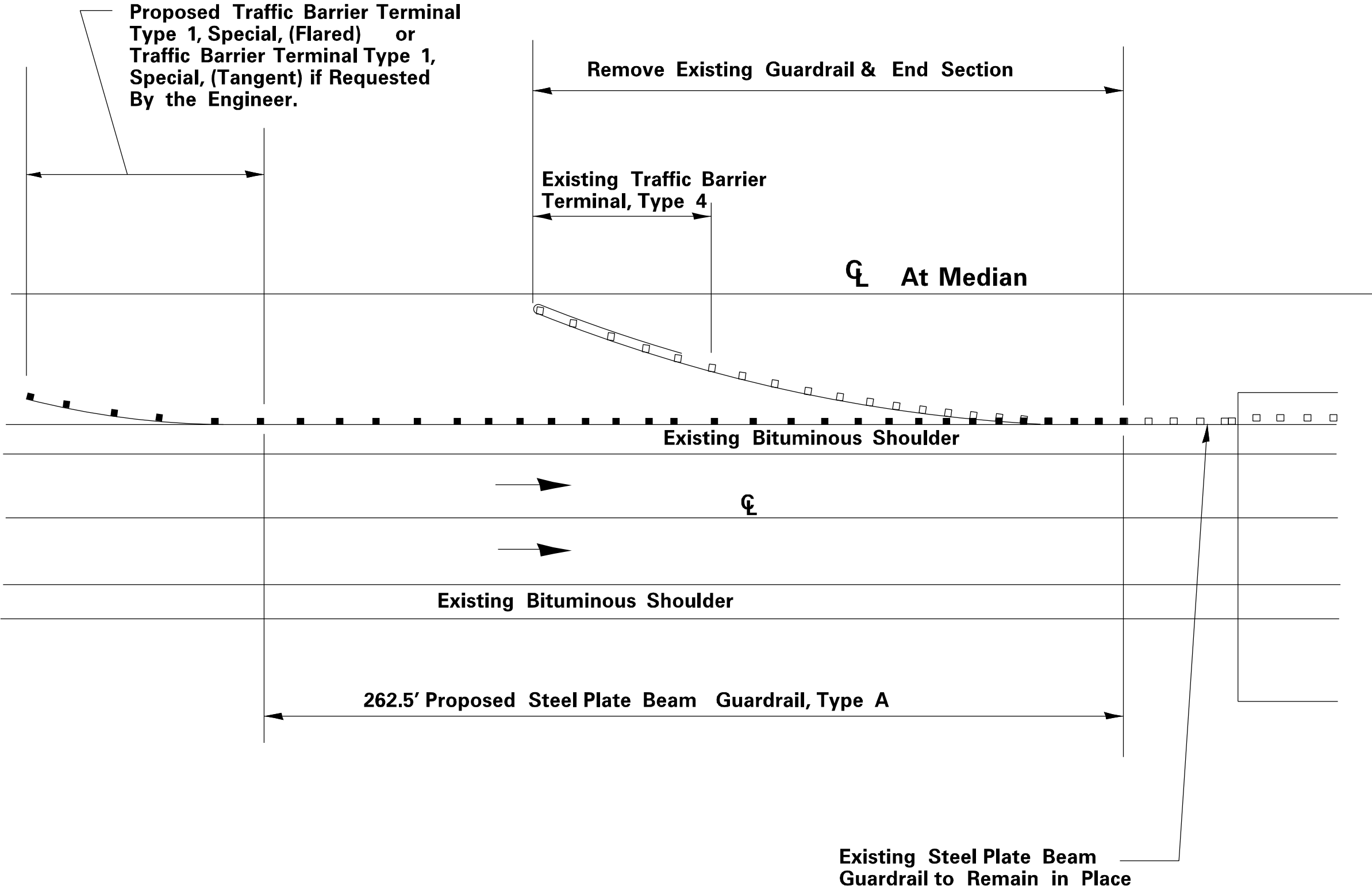
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SUMMARY OF QUANTITIES				CONSTRUCTION CODE		
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	SAFETY	SAFETY	SAFETY
				0021	0021	0021
				MHTCB	MCHD	CONT. MAINT.
X6640594	CHAIN LINK FENCE POST 4'	EACH	30	12	12	6
X6640601	CHAIN LINK FENCE POST 6'	EACH	30	12	12	6
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.5	0.5	
Z0008760	EMERGENCY WORK CALL OUT	EACH	22	8	8	6
X5030220	CONCRETE STRUCTURE REPAIR	CU FT	40	16	16	8
Z0020210	PULL POST ARRANGEMENT	EACH	10	4	4	2
X6300160	REPAIR STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	2500	1000	1000	500
X6300162	REPAIR STEEL PLATE BEAM GUARDRAIL, TYPE B	FOOT	100	40	40	20

* SPECIALTY ITEM

	USER NAME = Nicholas.Vock	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 1/23/2025	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

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



MODEL D2_SHT BORING LOG
FILE NAME: p:\work\44776\44776.dgn
PROJECT: 2025 GR 2025
SHEET: 6 OF 6
DATE: 1/11/2025

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PLOT SCALE	= \$\$SCALE\$	DRAWN	-	REVISED	-
PLOT DATE	= 1/11/2025	CHECKED	-	REVISED	-
		DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC BARRIER TERMINAL TYPE 4 REPAIR OPTIONS			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D2 GR 2025	VARIOUS	6	6
CONTRACT NO. 64T76				
ILLINOIS FED. AID PROJECT				