

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	((06-6,7)(6&50)-8) SFY, CBL	BUREAU	8	1
		ILLINOIS	CONTRACT NO. 66J05	

**INDEX OF SHEETS**

- 1 COVER SHEET
- 2 GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4 TYPICAL SECTIONS
- 5 SCHEDULE
- 6-8 DETAILS

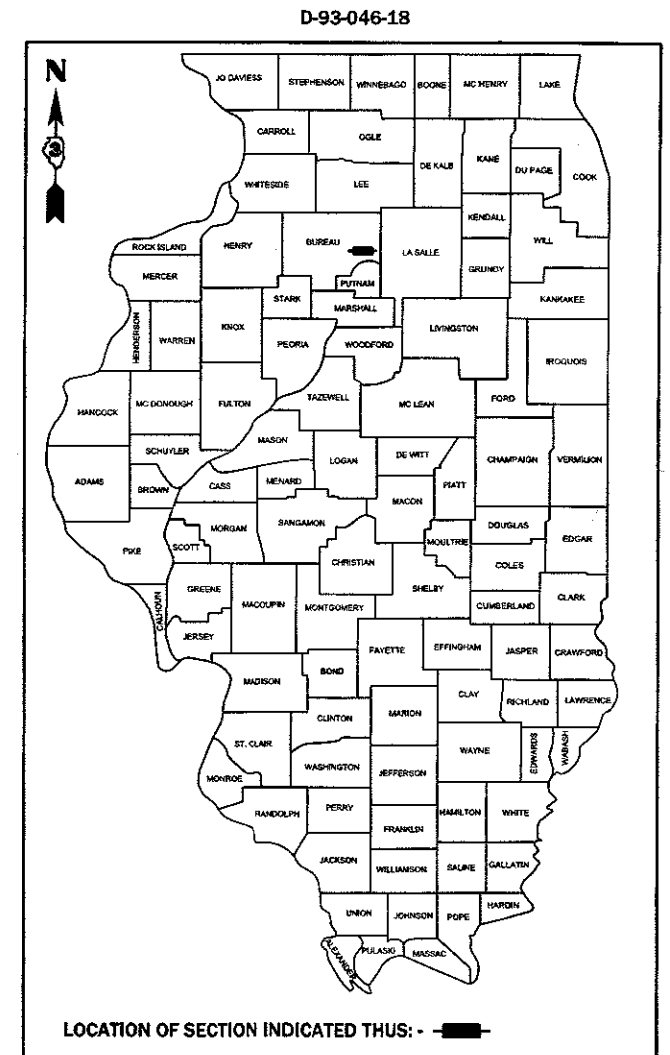
**LIST OF ILLINOIS DOT HIGHWAY STANDARDS**

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701406-11	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701456-05	PARTIAL EXIT RAMP CLOSURE FREEWAY/EXPRESSWAY
701901-07	TRAFFIC CONTROL DEVICES

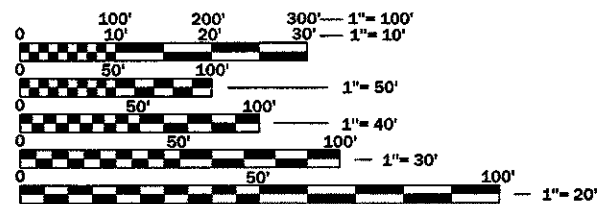
**PROPOSED  
HIGHWAY PLANS**

**FAI ROUTE 80 (I-80)  
SECTION ((06-6,7)(6&50)-8) SFY, CBL  
PROJECT: HSIP - GLCC (545)  
HIGH TENSION CABLE MEDIAN BARRIER  
BUREAU COUNTY**

C-93-050-18

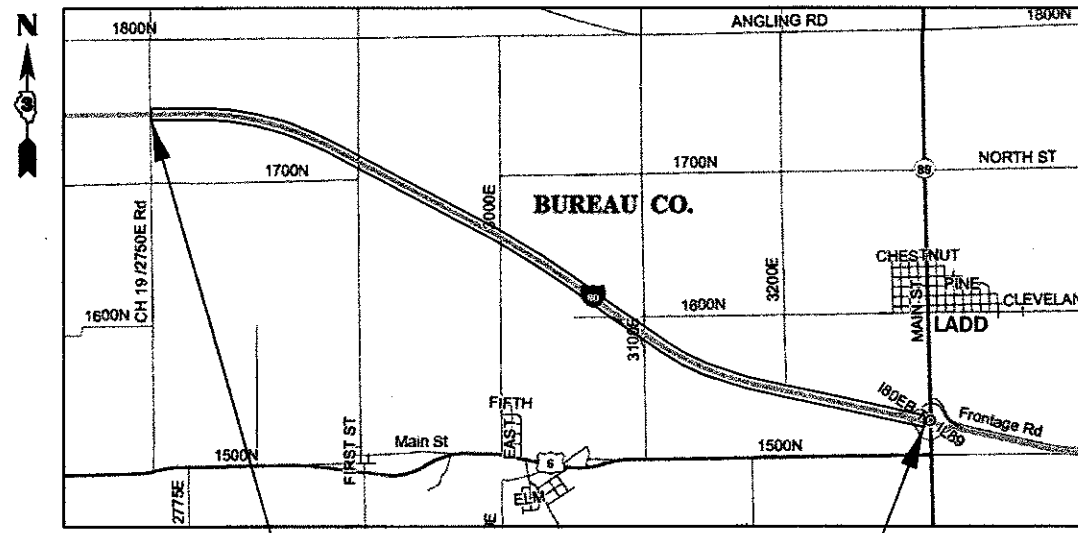


**RURAL INTERSTATE  
2015 ADT=25,600  
P.V.=60.0% S.U.=5.2% M.U.=34.8%**



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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



PROJECT BEGINS  
2750 E RD OVERPASS  
M.M. 64.00

PROJECT ENDS  
IL 89 OVERPASS  
M.M. 70.09

GROSS LENGTH = 32,155 FT. = 6.09 MILE  
NET LENGTH = 30,730 FT. = 5.82 MILE

**PROJECT ENGINEER: JOE KANNEL, P.E.  
UNIT CHIEF: MARC BUDZYNSKI, P.E.  
DISTRICT 3 NO. (815) 434-6131  
CONTRACT NO. 66J05**

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED 3-22-2018  
*[Signature]*  
REGIONAL ENGINEER

May 11 2018  
*[Signature]*  
ENGINEER OF DESIGN AND ENVIRONMENT

May 11 2018  
*[Signature]*  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**

**GENERAL NOTES**

FOR STABILIZATION, ALL TYPE III BARRICADES WILL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.

ALL EXCAVATED MATERIAL, WHICH INCLUDES DIGGING OR GRADING OF ANY SOIL OR FILL MATERIAL, WITH THE EXCEPTION OF AGGREGATE FILLS, MUST BE INCORPORATED WITHIN THE IDOT RIGHT OF WAY DUE TO ENVIRONMENTAL DOCUMENTATION REQUIREMENTS.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF WEED CONTROL MOWING STRIP (SPECIAL).

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPLICING OF ELECTRIC CABLE WILL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.

THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

**COMMITMENTS:**

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT THREE  
AS BUILT INFORMATION

\_\_\_\_\_  
SUPERVISING CONSTRUCTION FIELD ENGINEER

\_\_\_\_\_  
RESIDENT ENGINEER / TECHNICIAN

START & END DATES  
OF CONSTRUCTION:

INSPECTORS:

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT THREE

PREPARED BY: Tom Benoit  
DISTRICT STUDIES & PLANS ENGINEER

DATE: 3-22-18

EXAMINED BY: [Signature]  
DISTRICT CONSTRUCTION ENGINEER

[Signature]  
DISTRICT MATERIALS ENGINEER

[Signature]  
DISTRICT OPERATIONS ENGINEER

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**GENERAL NOTES**

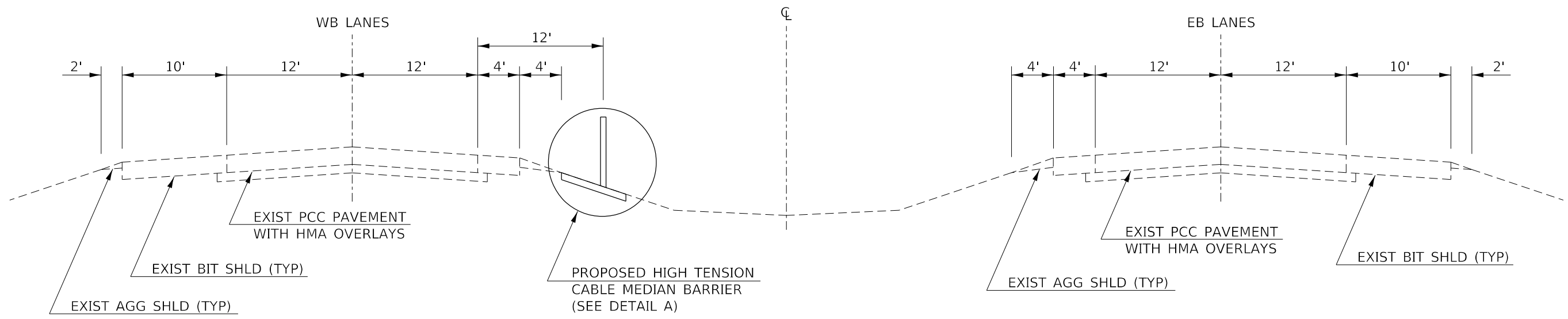
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	((06-6,7)(6&50)-8) SFY. CBL	BUREAU	8	2
CONTRACT NO. 66J05				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				90% FED ROADWAY	10% STATE ROADWAY
				0021	RURAL
64401100	HIGH TENSION CABLE MEDIAN BARRIER	FOOT	30730		30730
64401300	HIGH TENSION CABLE MEDIAN BARRIER TERMINALS	EACH	10		10
67100100	MOBILIZATION	L SUM	1.0		1.0
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1.0		1.0
* 72501100	TERMINAL MARKER - POST MOUNTED	EACH	10		10
X0325231	CABLE GUARD MARKER	EACH	771		771
X0325667	WEED CONTROL MOWING STRIP (SPECIAL)	SQ YD	20486		20486
X0326880	MESSAGE BOARD VEHICLE DRIVER	HOURL	240		240
X0326907	PORTABLE, VEHICLE MOUNTED, CHANGEABLE MESSAGE SIGN	CAL MO	2		2
X7010600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406, SPECIAL	L SUM	1.0		1.0
X7015005	CHANGEABLE MESSAGE SIGN	CAL DAY	75		75

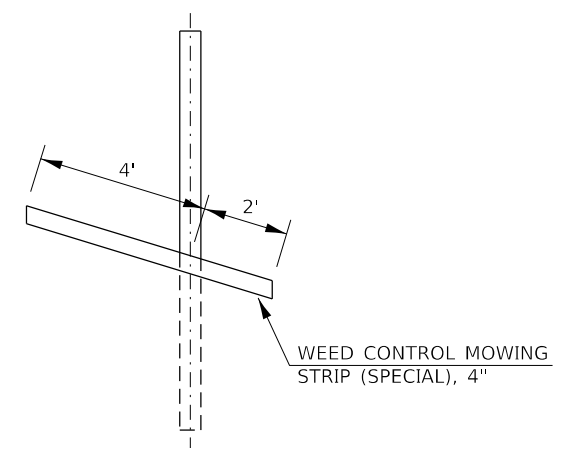
\* SPECIALTY ITEM

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						ILLINOIS FED. AID PROJECT					



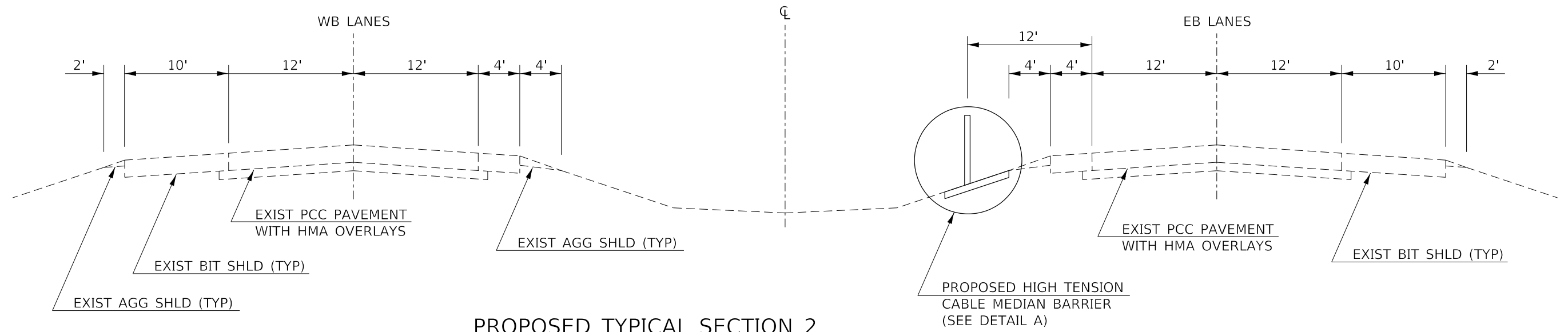
**PROPOSED TYPICAL SECTION 1**

M.M. 64.00 TO M.M. 65.52  
M.M. 66.08 TO M.M. 68.28  
M.M. 69.13 TO M.M. 70.09



**DETAIL A**

NOTE: CABLE GUARDRAIL ADJACENT TO THE NB LANES WILL BE A MIRROR IMAGE OF THIS DETAIL



**PROPOSED TYPICAL SECTION 2**

M.M. 65.60 TO M.M. 66.05  
M.M. 68.34 TO M.M. 69.03

FILE NAME =	USER NAME = budzynsklm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 3/22/2018	DATE -	REVISED -		CONTRACT NO. 66J05			ILLINOIS FED. AID PROJECT			
					SCALE: _____	SHEET _____ OF _____ SHEETS	STA. _____ TO STA. _____				

HIGH TENSION CABLE MEDIAN BARRIER SCHEDULE								
LOCATION		SIDE	LENGTH	HT CBL MEDIAN BARRIER	CABLE GUARD MARKER	HT CBL MED BAR TERM	TERMINAL MARKER - POST MOUNTED	WEED CONTROL MOWING STRIP (SPECIAL)
M.M.	TO M.M.	LT/RT	MILES	FOOT	EACH	EACH	EACH	SQ YD
64.00	TO 65.52	LT	1.52	8026	201	2	2	5350
BRIDGE OMISSION								
65.60	TO 66.05	RT	0.45	2376	60	2	2	1584
CROSSOVER OMISSION								
66.08	TO 68.28	LT	2.20	11616	291	2	2	7744
BRIDGE OMISSION								
68.34	TO 69.03	RT	0.69	3643	92	2	2	2429
CROSSOVER OMISSION								
69.13	TO 70.09	LT	0.96	5069	127	2	2	3379
TOTAL								
			5.82	30730	771	10	10	20486



I-80

IL 89

PLACE THE EXCAVATED MATERIAL FROM THE MOW STRIP IN APPROXIMATELY A 400' x 50' AREA. THE AREA SHALL BE SEEDED AND MULCHED AS DESCRIBED IN THE PLANS AND SPECIAL PROVISIONS.

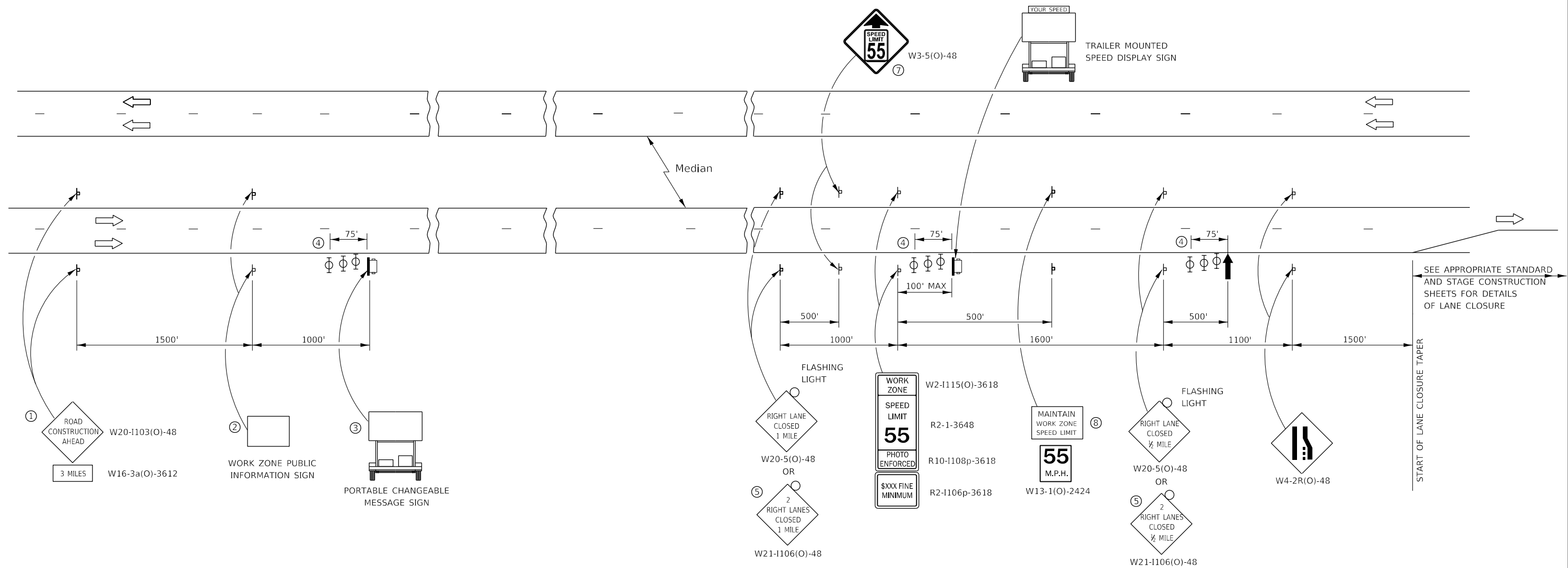
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	PLOT DATE = 3/22/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MOW STRIP EXCAVATION PLACEMENT DETAIL**

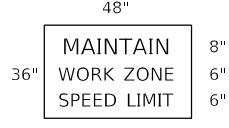
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	((06-6,7)(6&50)-8) SFY, CBL	BUREAU	8	6
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ILLINOIS FED. AID PROJECT				



- ① THE ROAD CONSTRUCTION AHEAD SIGN SHALL BE LOCATED 3 MILES IN ADVANCE OF THE PROJECT LIMITS.
- ② THE MESSAGE AND SIZE OF THE WORK ZONE PUBLIC INFORMATION SIGN SHALL BE AS SPECIFIED BY THE DEPARTMENT.
- ③ TO BE PLACED IN THE MEDIAN WHEN FEASIBLE. THE MESSAGE BOARD SHALL BE USED TO DISPLAY STATUS OF LANES WITHIN THE PROJECT. THE PRIMARY MESSAGES SHALL BE:  
 "RIGHT LANE CLOSED" / " x MILES AHEAD"  
 "LEFT LANE CLOSED" / " x MILES AHEAD"  
 "ALL LANES OPEN"
- ④ THREE, TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES AT 25' CENTERS.
- ⑤ THIS SIGN SHALL BE USED WHEN 2 LANES ARE CLOSED.
- ⑥ WHEN THE LEFT LANE IS CLOSED, SWITCH THESE TWO SIGNS AND THE DIRECTION OF THE MERGE ARROW.
- ⑦ THIS SIGN SHALL ONLY BE USED IF THE EXISTING SPEED LIMIT IS GREATER THAN 65 MPH.

⑧ 48"x36" FLUORESCENT ORANGE SIGN WITH BLACK LETTERS.



- ↑ ARROW BOARD
- ☐ PORTABLE CHANGEABLE MESSAGE SIGN
- ⊥ SIGN
- ⊕ TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH MONODIRECTIONAL FLASHING LIGHT

**GENERAL NOTE:**

THIS STANDARD IS USED WHERE AT ANY TIME A LANE IS CLOSED ON A FREEWAY/EXPRESSWAY.

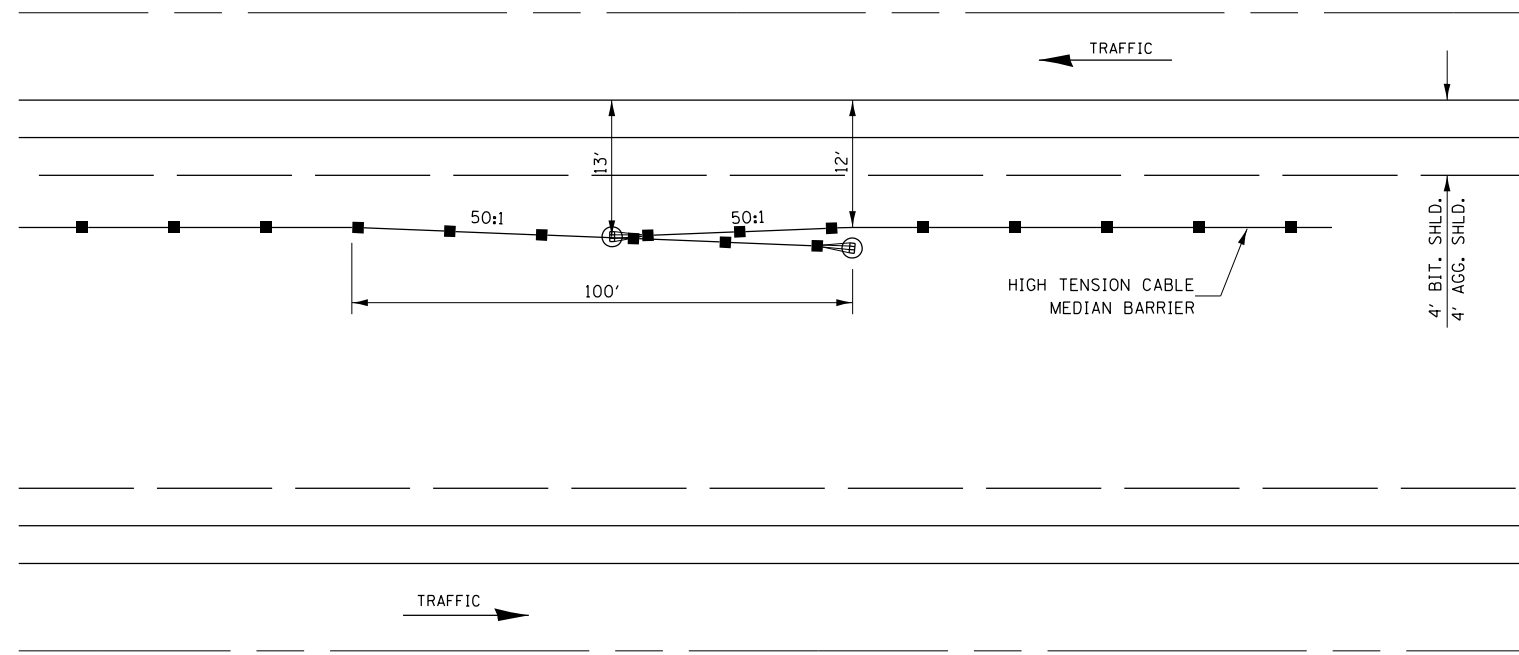
WHEN THE LEFT LANE IS CLOSED, LEFT LANE CLOSED SIGNS SHALL BE SUBSTITUTED FOR THE RIGHT LANE CLOSED SIGNS.

THE FIRST TWO SIGNS AND THE MESSAGE BOARD ARE STATIONARY. THE OTHER SIGNS AND ARROWBOARDS SHALL BE MOVED AS NECESSARY TO MAINTAIN THE REQUIRED DISTANCE FROM THE START OF THE LANE CLOSURE TAPER(S).

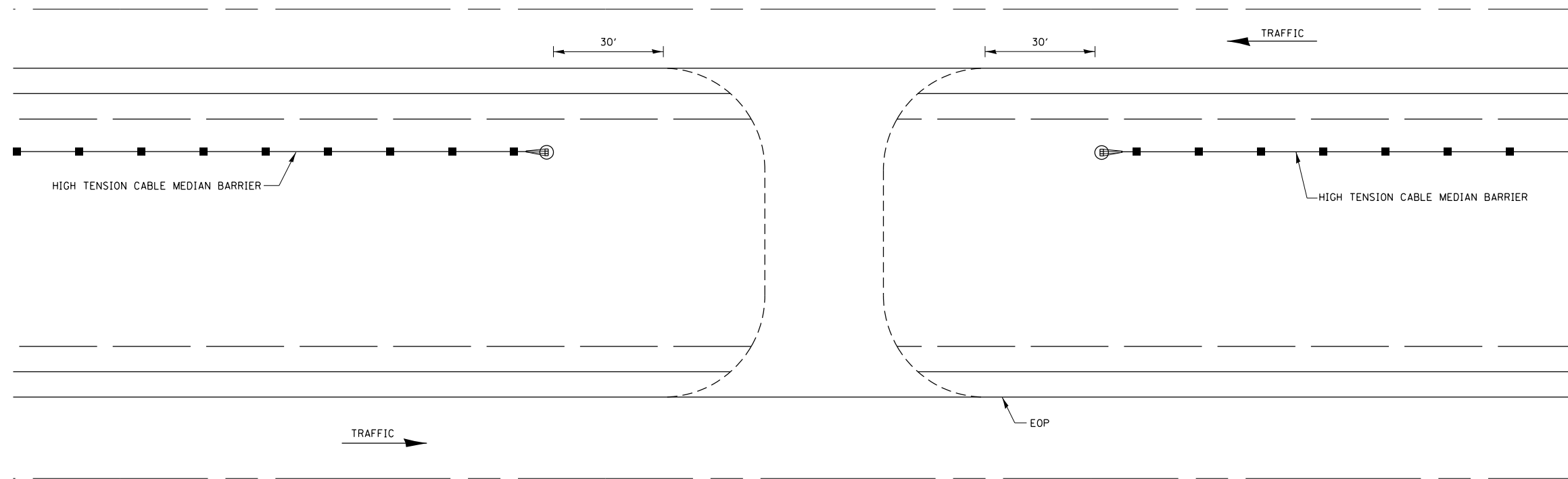
SEE SPECIAL PROVISIONS.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.

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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 66J05					
	PLOT DATE = 3/22/2018	DATE -	REVISED -			SCALE: _____	SHEET _ OF _ SHEETS	STA. _____	TO STA. _____	ILLINOIS FED. AID PROJECT	



**HIGH TENSION CABLE BARRIER OVERLAP DETAIL**



**MAINTENANCE CROSSOVER DETAIL**

FILE NAME =	USER NAME = budzynsklm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAILS</b>		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 3/22/2018	DATE -	REVISED -		SCALE: _____	SHEET _ OF _ SHEETS	STA. _____ TO STA. _____				