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- 17 PLAN SHEET ARMINGTON RD CURVES & HOPEDALE RD CURVES
- 18 GENERAL NOTES & DETAILS SHEET 1 OF 2
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### **STANDARDS**

701001-01 701006-02

701011-01 701201-02

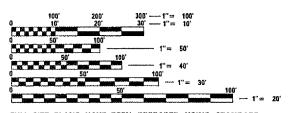
701301-02

702001-06 720001

805001 880001

☐ DENOTES INTERSECTION IMPROVEMENTS AT THESE LOCATIONS

O DENOTES CURVE IMPROVEMENTS AT THESE LOCATIONS



ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123

CATALOG NO. 033548-00

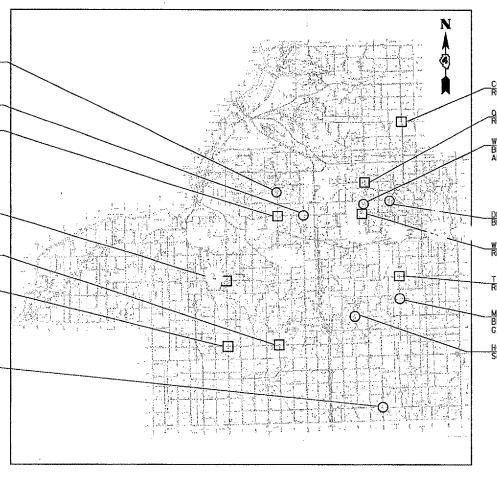
## STATE OF ILLINOIS

# DEPARTMENT OF TRANSPORTATION

**DIVISION OF HIGHWAYS** 

# **PROPOSED** SAFETY IMPROVEMENT PLANS

**VARIOUS ROUTES** SECTION 07-00000-00-SG PROJECT HS-179(29) **TAZEWELL COUNTY** C - 94 - 099 - 07



LOCATION MAP TAZEWELL COUNTY, ILLINOIS

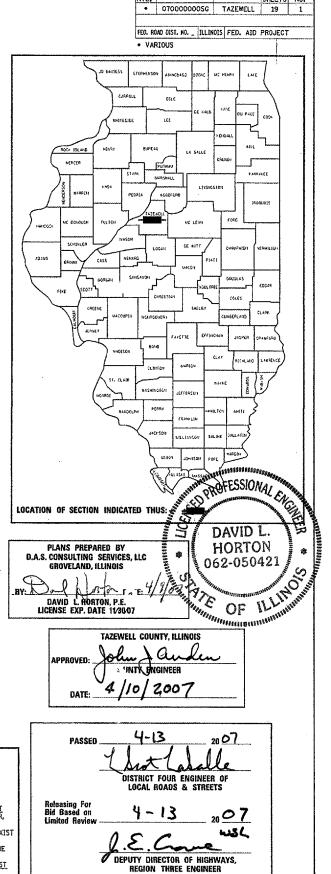
WASHINGTON RD (CH3) CURVES BETWEEN BROADWAY RD & ALLENTOWN RD

DEE MACK RD (CH6) CI VES BETWEEN HILD RD & WURSTER RD

HOPEDALE RD NORTH (CH9) BETWEEN SHILOH RD AND ILLINOIS RT 122

### UTILITY NOTE

THE LOCATIONS OF THOSE BURIED AND ABOVECROUND UTILITIES SHOWN ARE APPROXIMATE, ARE SHOWN FOR CONTRACTOR INFORMATIONAL USE ONLY, AND ARE NOT TO BE REFERENCED FOR CONSTRUCTION PURPOSES. THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUED BY THE OWNER, ENGINEER, CONTRACTOR OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVEGROUND UTILITY LOCATION, IDENTIFICATION, AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR, REPOLITING SUCE RESPONSIBILITY OF THE CONTINCTOR. REPORT THE SUST DISCONNECTION, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER, SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS ASSOCIATED WITH BURIED AND ABOVEGROUND UTILITIES, REMAIN THE SOLE RESPONSIBILITY OF THE CONTRACTOR.



STATE OF ILLINOIS

**DEPARTMENT OF TRANSPORTATION** 

CONTRACT NO. 89468

COUNTY TOTAL SHEE SHEETS NO.

RTE SECTION

Consulting Services, LLC

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			QUEENWOOD &	TOWNLINE &	WASHINGTON &	ALLENTOWN &	HICKORY GROVE	TOWERLINE &	TOWERLINE &	TOWNLINE &	TOBOGGAN &		10-2 SPRINGEIELD	11 Washington	12 ALLENTOWN	13-1 COOPER &	13-2,3 DEE MACK	14 MACKINAW	15 ARMINGTON	16 HOPEDALE
TAZEWELL COUNTY			WASHINGTON	MACKINAW			& WAGONSELLER	TOWNLINE	TOBOGGAN	1 1	SPRINGFIELD	ROAD	ROAD	ROAD	ROAD	DEE MACK	ROAD	ROAD	ROAD	ROAD
SUMMARY OF QUANTITIES			INTERSECTION	INTERSECTION		INTERSECTION	INTERSECTION	INTERSECTION	INTERSECTION	INTERSECTION	INTERSECTION	CURVES	CURVES	CURVES	CURVES	INTERSECTION	CURVES	CURVES	CURVES	CURVES
			90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED	90% FED				
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		TOTAL				1			····	CONST	RUCTION TYPE	CODE			***************************************	<del>,                                     </del>	<del></del>		***************************************	
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67100100 MOBILIZATION	LSUM	1							3								20/42/60/00/			
70100450 TRAFFIC CONTROL & PROTECTION STANDARD 701201	LSUM	1																		
72000100 SIGN PANEL, TYPE I	SQ FT	1166	28	28	23	27	92	20	40		24	100			`					
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80500200 SERVICE INSTALLATION, TYPE B	EACH	7	1	1	1	0	0	1	1	1	0	0	0	0	0	1	0	0	0	0
80500205 SERVICE INSTALLATION, TYPE B (MODIFIED)	EACH	3	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0		-O	0
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81012500 CONDUIT IN TRENCH, 1 1/2" DIA., PVC	FOOT	11116	197	42	765	516	634	2683	1464	753	3897	0	0	0	0	165	0	0	0	0
81021320 CONDUIT PUSHED, 1 1/2" DIA., PVC	FOOT	945	90	117	90	88	53	194	97	20	121	0	0	0	0	75	0	0	0	0
81100500 CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA, GALVANIZED STEEL	FOOT	447	26	26	46	39	46	82	52	26	78	0	0	0	0	26	0	0	0	0
81500100 GULFBOX JUNCTION	EACH	28	1	1	2	1	2	e e	,	,									-	
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81900200 TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	11116	197	42	765	516	634	2683	1464	753	3897	0	0	0	0	165	0	0	0	0
83057180 LIGHT POLE, WOOD, 35 FOOT, CLASS 4	EACH	2	0	ō	0	0	0	. 2	0	0	0	0	0	0	n	C	0	0	Λ	
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85900100 FLASHER CONTROLLER	EACH	10	1	1	1	1	1	1	1	1	1	0	0	0	0	1	0	0	0	0
87200400 SPAN WIRE	FOOT	120	Ö	0	0	0	0	120	0	0	0 .	0	0	0	0	0	0	0	0	0
87301225 ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FLOT	15524	517	231	1026	761	901	3462	2090	1112	4998	0	0	0	0	426	0	0	n	
88040030 SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, SECTION, POST MOUNTED	EACH	200											,			120	· ·	V	U	
CONTROL FILAD, FOLTOARDORATE, LED, FFACE, SECTION, POST MOUNTED	EACH	29		2	2	3	2	4	4	2	6	0	0	0	0	2	0	0	0	0
88000810 SIGNAL HEAD, 4-FACE, 1-SECTION, SPAN WIRE MOUNTED	EACH	1	0	0	0	0	0	1	- G	0	0	0	0	0	0 -	0	0	0	0	0
89502400 REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	EACH	2	0	0	0	0	0	1	0	0	1	. 0	0	0	0	Ö	0	0	0	
X0321297 REMOVE EXISTING SIGN POST	EACH	29	2	2	2	3	2	4	Δ	2	6	Λ		0	0					
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Z0027200 FURNISHING AND SETTING WOOD POST	EACH	112	2	2	2	3	2	4	4	2	6	12	5	9	4	6	32	4	4	9
	l																			

REVISION	NS I	ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	ILLINOIS DEPARTMENT OF TRANSPORTATION
		TAZEWELL COUNTY
		SAFETY IMPROVEMENTS
		SUMMARY OF QUANTITIES

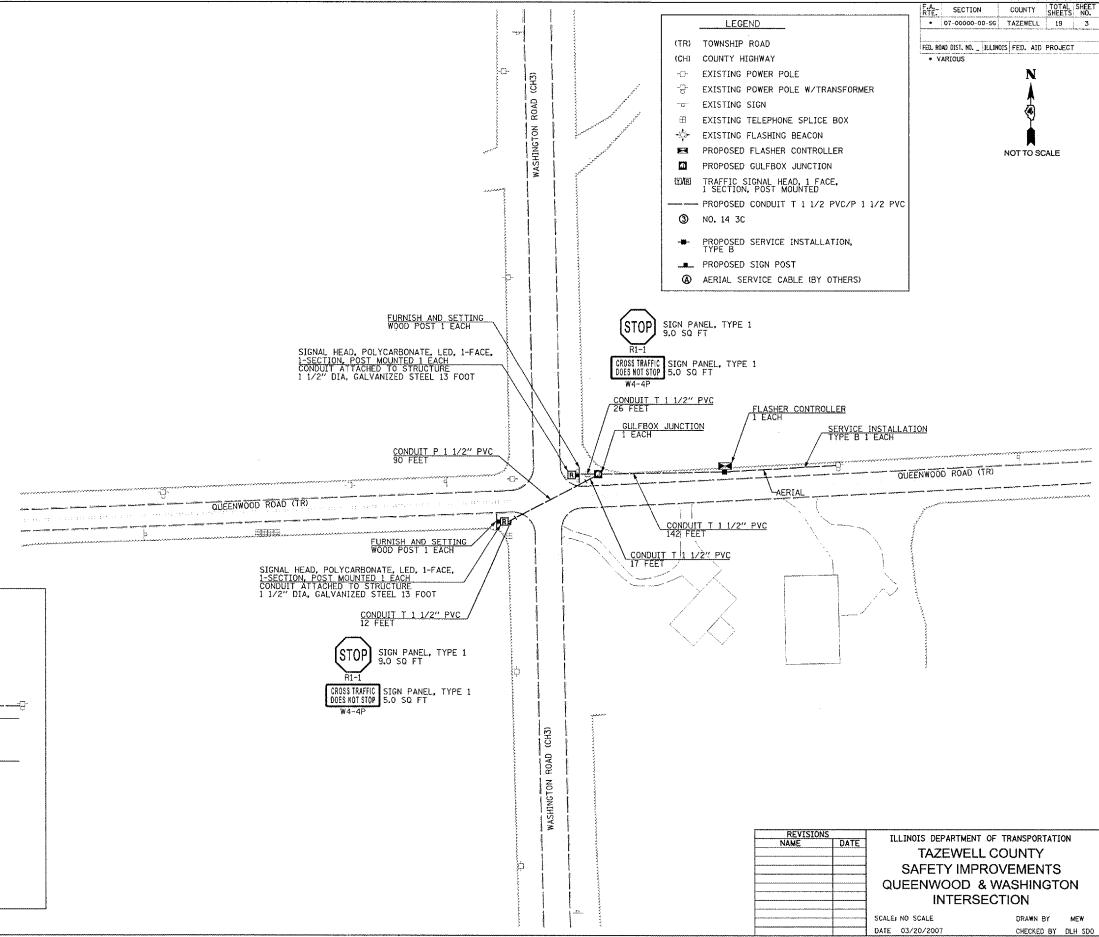
SCALE: NO SCALE DATE 03/20/2007

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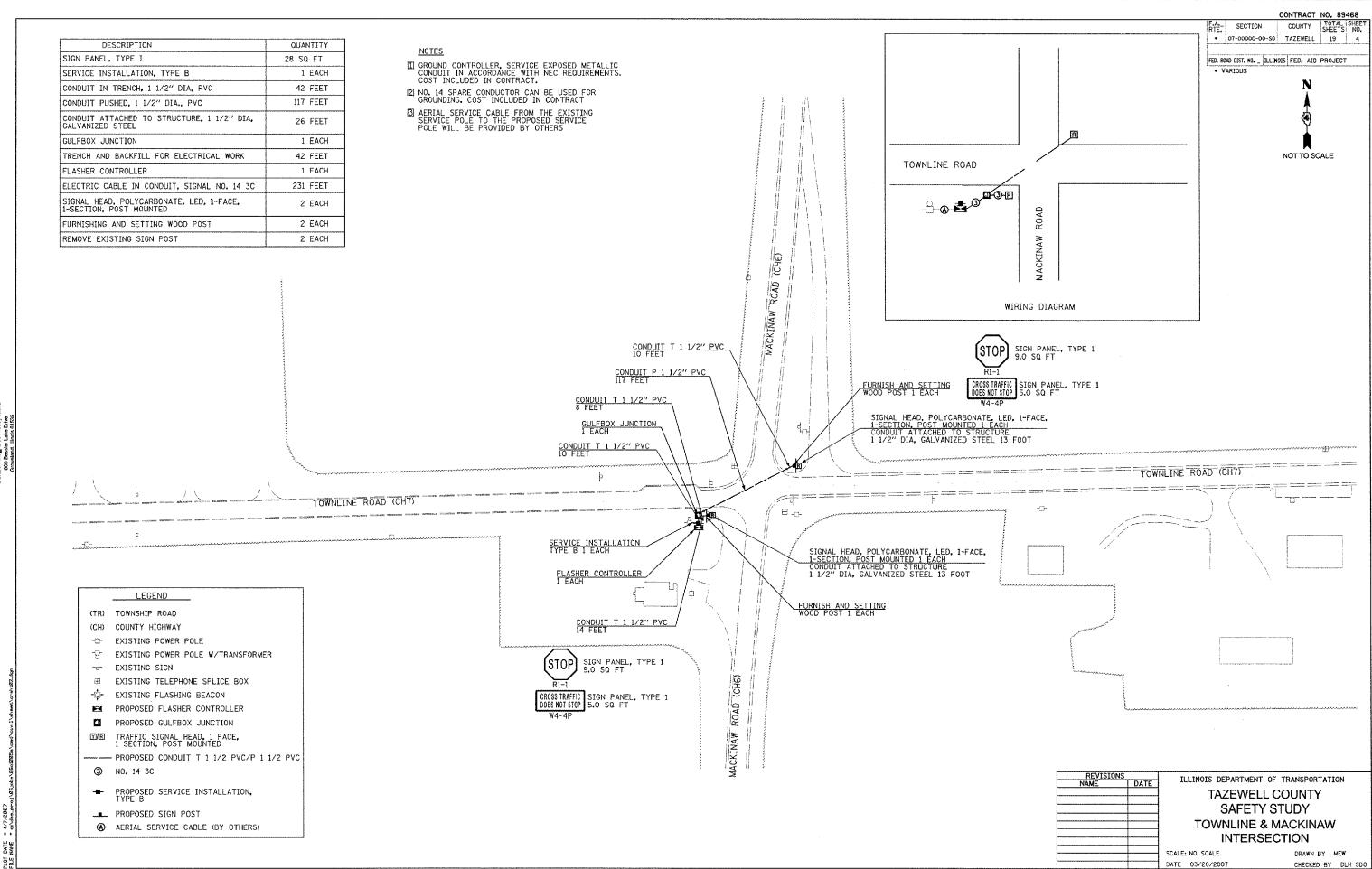
DESCRIPTION	QUANTITY
SIGN PANEL, TYPE I	28 SQ FT
SERVICE INSTALLATION, TYPE B	1 EACH
CONDUIT IN TRENCH, 1 1/2" DIA, PVC	197 FEET
CONDUIT PUSHED, 1 1/2" DIA., PVC	90 FEET
CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA, GALVANIZED STEEL	26 FEET
GULFBOX JUNCTION	1 EACH
TRENCH AND BACKFILL FOR ELECTRICAL WORK	197 FEET
FLASHER CONTROLLER	1 EACH
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	517 FEET
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, POST MOUNTED	2 EACH
FURNISHING AND SETTING WOOD POST	2 EACH
REMOVE EXISTING SIGN POST	2 EACH

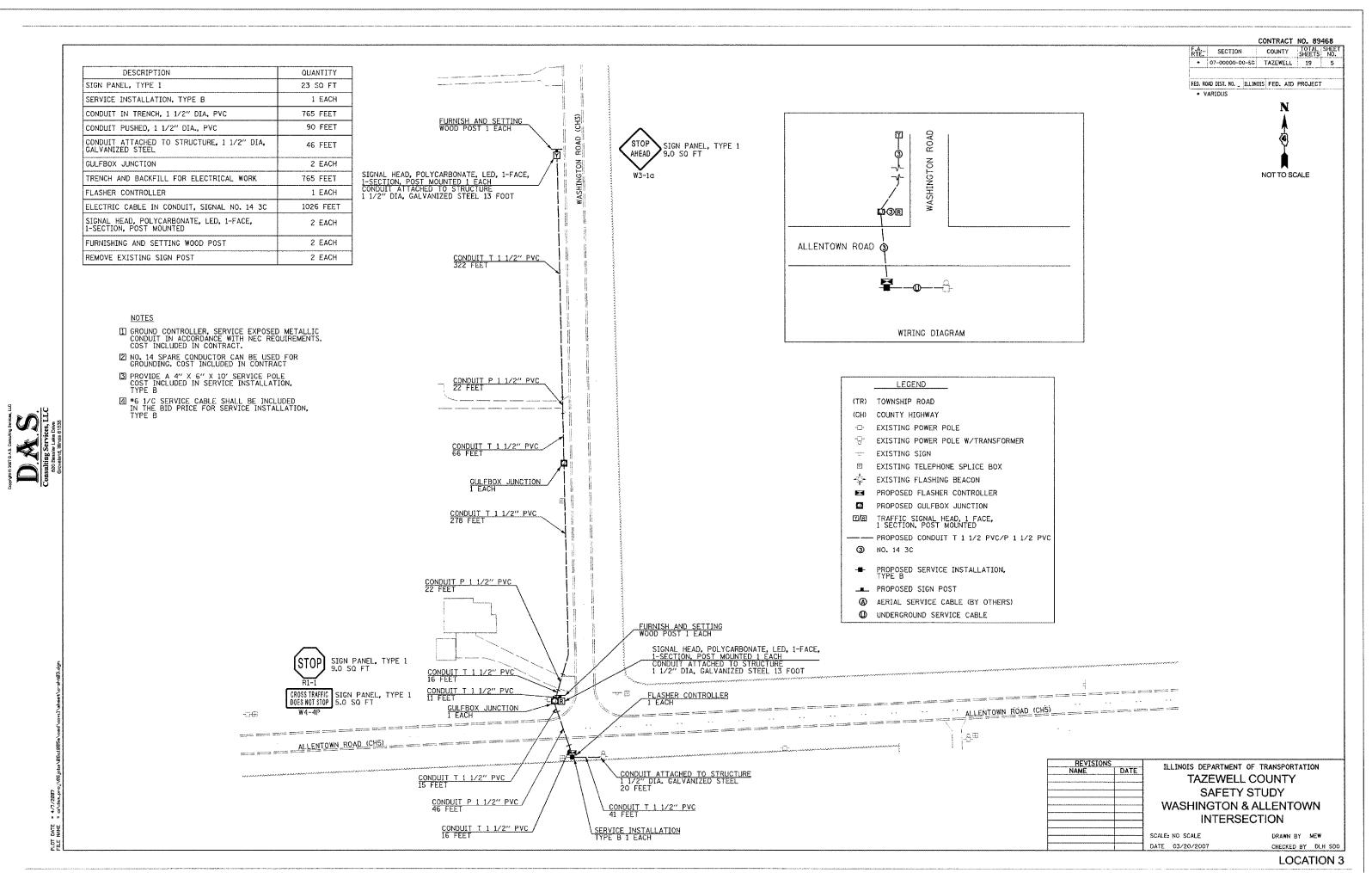
#### NOTES

- GROUND CONTROLLER, SERVICE EXPOSED METALLIC CONDUIT IN ACCORDANCE WITH NEC REQUIREMENTS. COST INCLUDED IN CONTRACT.
- [2] NO. 14 SPARE CONDUCTOR CAN BE USED FOR GROUNDING. COST INCLUDED IN CONTRACT
- 3 AERIAL SERVICE CABLE FROM THE EXISTING SERVICE POLE TO THE PROPOSED SERVICE POLE WILL BE PROVIDED BY OTHERS
- [4] PROPOSED SERVICE POLE SHALL BE LOCATED WITHIN 125 FEET OF THE EXISTING SERVICE POLE



2007/ ps\_proj/86jobs/86cl885s\cad\civil\sheet\





DESCRIPTION QUANTITY SIGN PANEL, TYPE I 37 SQ FT SERVICE INSTALLATION, TYPE B (MODIFIED) 1 EACH CONDUIT IN TRENCH, 1 1/2" DIA, PVC 516 FEET 88 FEET CONDUIT PUSHED, 1 1/2" DIA., PVC CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA, GALVANIZED STEEL 39 FEET GULFBOX JUNCTION 1 EACH TRENCH AND BACKFILL FOR ELECTRICAL WORK 516 FEET FLASHER CONTROLLER 1 EACH ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C 761 FEET SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, POST MOUNTED 3 EACH FURNISHING AND SETTING WOOD POST 3 EACH REMOVE EXISTING SIGN POST 3 EACH ☐ GROUND CONTROLLER, SERVICE EXPOSED METALLIC CONDUIT IN ACCORDANCE WITH NEC REQUIREMENTS. COST INCLUDED IN CONTRACT. No. 14 SPARE CONDUCTOR CAN BE USED FOR GROUNDING, COST INCLUDED IN CONTRACT AERIAL SERVICE CABLE FROM THE EXISTING SERVICE POLE TO THE PROPOSED SERVICE POLE WILL BE PROVIDED BY OTHERS

R-30

WIRING DIAGRAM

SPRINGFIELD ROAD

FURNISH AND SETTING WOOD POST 1 EACH SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, POST MOUNTED 1 EACH CONDUIT ATTACHED TO STRUCTURE 1 1/2" DIA, GALVANIZED STEEL 13 FOOT SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, POST MOUNTED 1 EACH CONDUIT ATTACHED TO STRUCTURE 1 1/2" DIA, GALVANIZED STEEL 13 FOOT FURNISH AND SETTING WOOD POST 1 EACH SIGN PANEL, TYPE 1 9.0 SQ FT R1-1 CROSS TRAFFIC SIGN PANEL, TYPE 1 DOES NOT STOP 5.0 SQ FT

LEGEND (TR) TOWNSHIP ROAD (CH) COUNTY HIGHWAY EXISTING POWER POLE EXISTING POWER POLE W/TRANSFORMER ⊞ EXISTING TELEPHONE SPLICE BOX -\$- EXISTING FLASHING BEACON PROPOSED FLASHER CONTROLLER PROPOSED GULFBOX JUNCTION TRAFFIC SIGNAL HEAD, 1 FACE, 1 SECTION, POST MOUNTED PROPOSED CONDUIT T 1 1/2 PVC/P 1 1/2 PVC ③ NO. 14 3C --- PROPOSED SERVICE INSTALLATION, TYPE B \_\_\_ PROPOSED SIGN POST AERIAL SERVICE CABLE (BY OTHERS)

CONDUIT T 1 1/2" PVC 471 FEET

1 1/2" DIA, GALVANIZED STEEL 13 FOOT

GIGN PANEL, TYPE 1 AHEAD W3-1a FURNISH AND SETTING WOOD POST 1 EACH

ALLENTOWN ROAD (CH5)

CONDUIT T 1 1/2" PVC 13 FEET SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, POST MOUNTED 1 EACH CONDUIT ATTACHED TO STRUCTURE GULFBOX JUNCTION 1 EACH

-EXISTING AMEREN POLE TO BE USED FOR SERVICE INSTALLATION, TYPE B (MODIFIED) UNLESS OTHERWISE ADJUSTED IN THE FIELD

SIGN PANEL, TYPE 1 9.0 SQ FT

SIGN PANEL, TYPE 1

DOES NOT STOP 5.0 SQ FT

CONDUIT T 1 1/2" PVC

SERVICE INSTALLATION
TYPE B (MODIFIED) 1 EACH

FLASHER CONTROLLER 1 EACH

CONDUIT T 1 1/2" PVC 9 FEET

(EE) ROAD SPRINGFIELD (

ROAD (CH1)

SPRINGFIELD F

ILLINOIS DEPARTMENT OF TRANSPORTATION TAZEWELL COUNTY SAFETY IMPROVEMENTS **ALLENTOWN & SPRINGFIELD** INTERSECTION

SCALE: NO SCALE DATE 03/20/2007 CHECKED BY DLH SDO

CONTRACT NO. 89468 COUNTY TOTAL SHEET NO.

NOT TO SCALE

07-00000-00-SG TAZEWELL 19 6

FED. ROAD DIST. NO. \_ ILLINOIS FED. AID PROJECT

F.A. SECTION

- VARIOUS

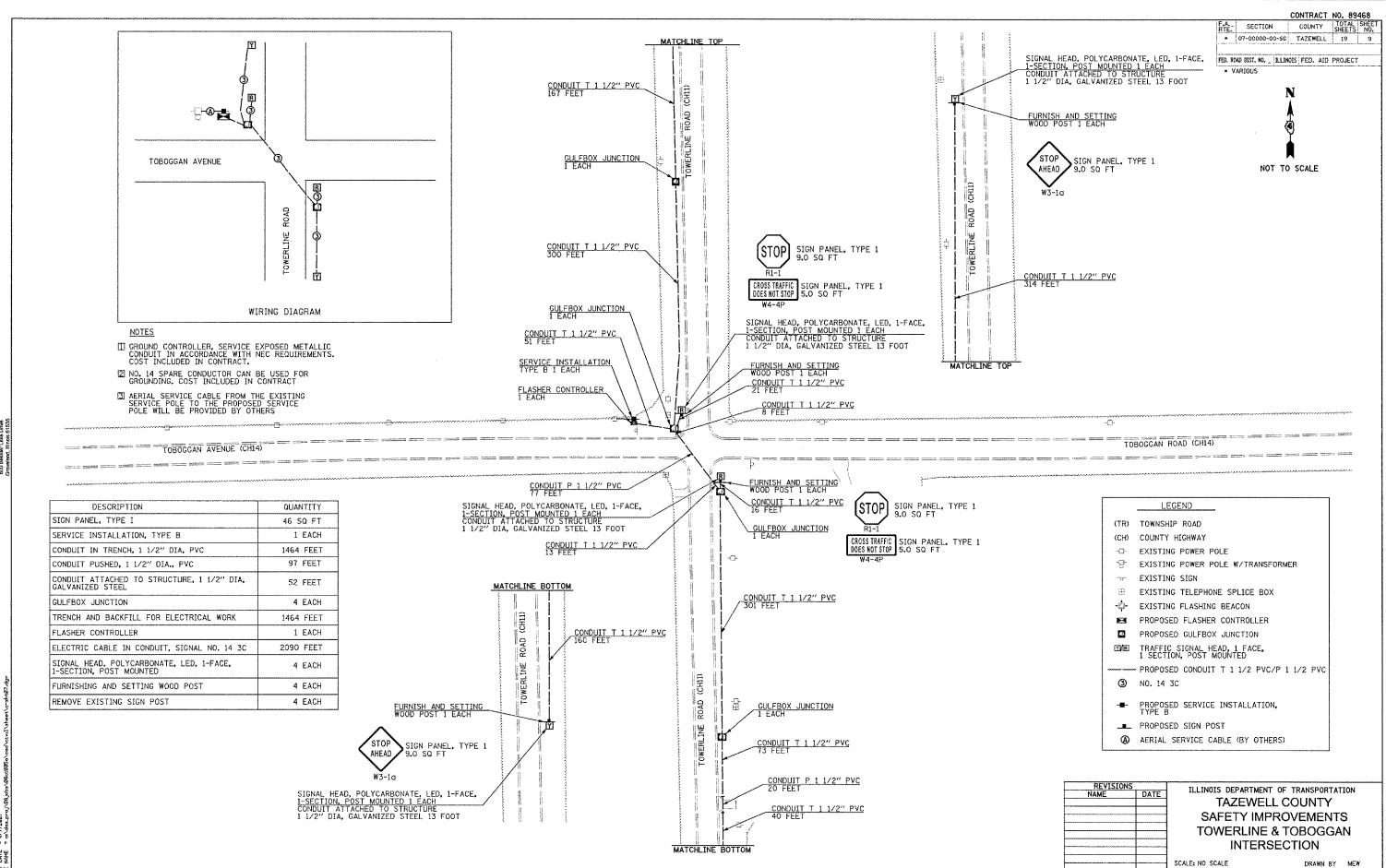
RTE. SECTION COUNTY TOTAL SHEETS NO. • 07-00000-00-SG TAZEWELL 19 7 DESCRIPTION QUANTITY FED. ROAD DIST. NO. \_ ILLINOIS FED. AID PROJECT SIGN PANEL, TYPE I 23 SQ FT ROAD SERVICE INSTALLATION, TYPE B (MODIFIED) 1 EACH 634 FEET CONDUIT IN TRENCH, 1 1/2" DIA. PVC 53 FEET CONDUIT PUSHED, 1 1/2" DIA., PVC CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA, GALVANIZED STEEL 46 FEET GULFBOX JUNCTION 2 EACH NOT TO SCALE 634 FEET TRENCH AND BACKFILL FOR ELECTRICAL WORK WAGONSELLER ROAD HICKORY GROVE ROAD 1 EACH FLASHER CONTROLLER ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C 901 FEET SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, POST MOUNTED 2 EACH FURNISHING AND SETTING WOOD POST 2 EACH REMOVE EXISTING SIGN POST 2 EACH II GROUND CONTROLLER, SERVICE EXPOSED METALLIC CONDUIT IN ACCORDANCE WITH NEC REQUIREMENTS. COST INCLUDED IN CONTRACT. [2] NO. 14 SPARE CONDUCTOR CAN BE USED FOR GROUNDING. COST INCLUDED IN CONTRACT WIRING DIAGRAM [3] PROVIDE A 4" X 6" X 10' SERVICE POLE COST INCLUDED IN SERVICE INSTALLATION, TYPE B (MODIFIED) #6 1/C SERVICE CABLE SHALL BE INCLUDED IN THE BID PRICE FOR SERVICE INSTALLATION, TYPE B (MODIFIED) SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, POST MOUNTED 1 EACH CONDUIT ATTACHED TO STRUCTURE 1 1/2" DIA, GALVANIZED STEEL 13 FOOT FURNISH AND SETTING WOOD POST 1 EACH CONDUIT T 1 1/2" PVC 179 FEET CONDUIT T 1 1/2" PVC 17 FEET SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, POST MOUNTED 1 EACH CONDUIT ATTACHED TO STRUCTURE 1 1/2" DIA, GALVANIZED STEEL 13 FOOT HICKORY GROVE ROAD (CH15) -EXISTING AMEREN POLE TO BE USED FOR SERVICE INSTALLATION, TYPE B (MODIFIED) UNLESS OTHERWISE ADJUSTED IN THE FIELD FLASHER CONTROLLER 1 EACH CONDUIT P 1 1/2" PVC 22 FEET SERVICE INSTALLATION
TYPE B (MODIFIED) 1 EACH CONDUIT T 1 1/2" PVC 106 FEET GULFBOX JUNCTION I EACH GULFBOX JUNCTION / 1 EACH STOP AHEAD SIGN PANEL, TYPE 1 9.0 SQ FT CONDUIT ATTACHED TO STRUCTURE 1 1/2" DIA, GALVANIZED STEEL 20 FEET CONDUIT T 1 1/2" PVC 58 FEET LEGEND CONDUIT P 1 1/2" PVC 31 FEET (TR) TOWNSHIP ROAD CONDUIT T 1 1/2" PVC 11 FEET (CH) COUNTY HIGHWAY ROAD -- EXISTING POWER POLE \* EXISTING POWER POLE W/TRANSFORMER EXISTING SIGN SIGN PANEL, TYPE 1 EXISTING TELEPHONE SPLICE BOX 9.0 SQ FT EXISTING FLASHING BEACON CROSS TRAFFIC DOES NOT STOP SIGN PANEL, TYPE 1 5.0 SQ FT PROPOSED FLASHER CONTROLLER PROPOSED GULFBOX JUNCTION TRAFFIC SIGNAL HEAD, 1 FACE, 1 SECTION, POST MOUNTED PROPOSED SERVICE INSTALLATION, TYPE B ILLINOIS DEPARTMENT OF TRANSPORTATION \_\_\_ PROPOSED SIGN POST TAZEWELL COUNTY A AERIAL SERVICE CABLE (BY OTHERS) SAFETY IMPROVEMENTS **(**) UNDERGROUND SERVICE CABLE HICKORY GROVE & WAGONSELLER INTERSECTION

SCALE: NO SCALE

LOCATION 5

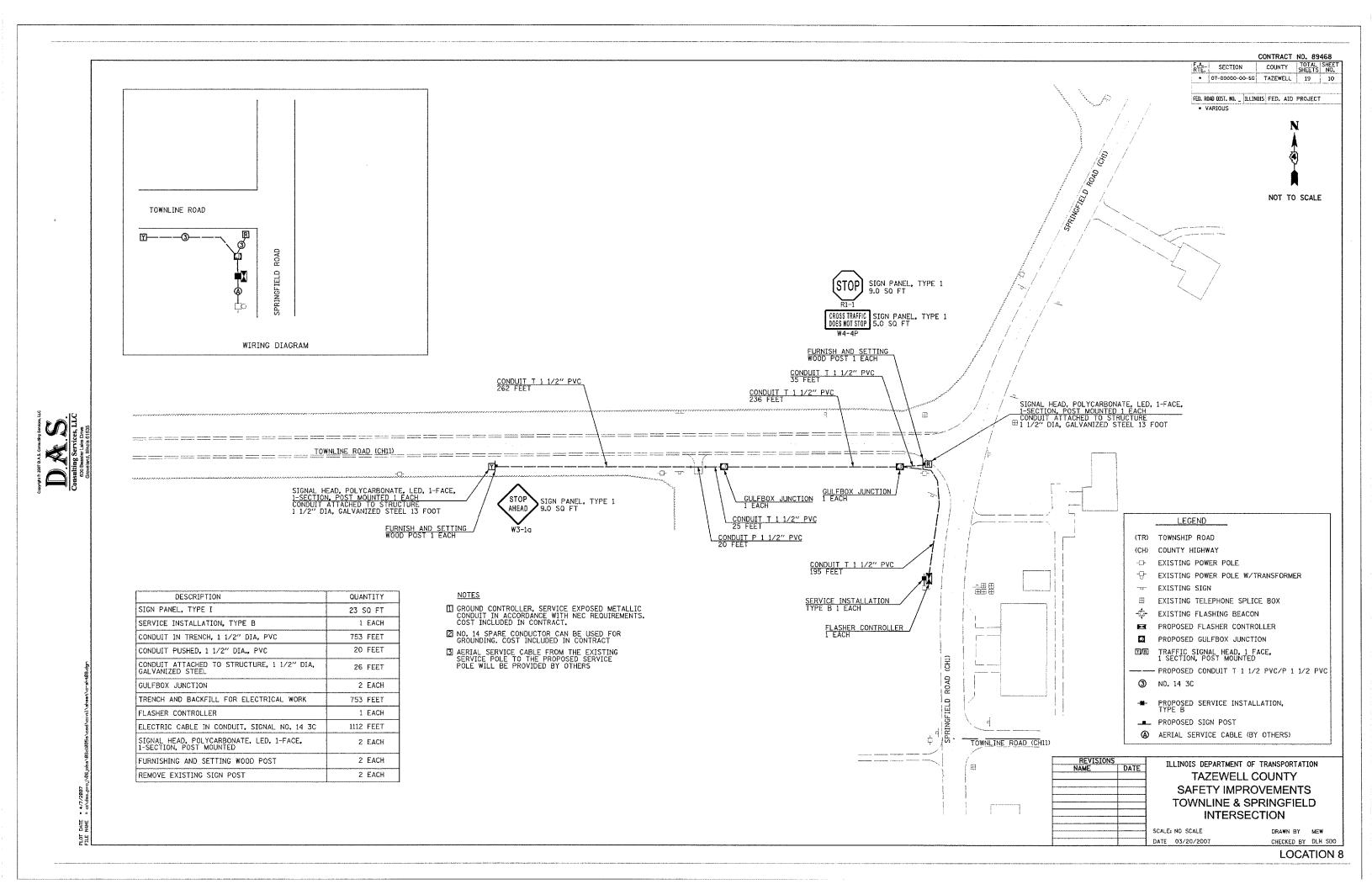
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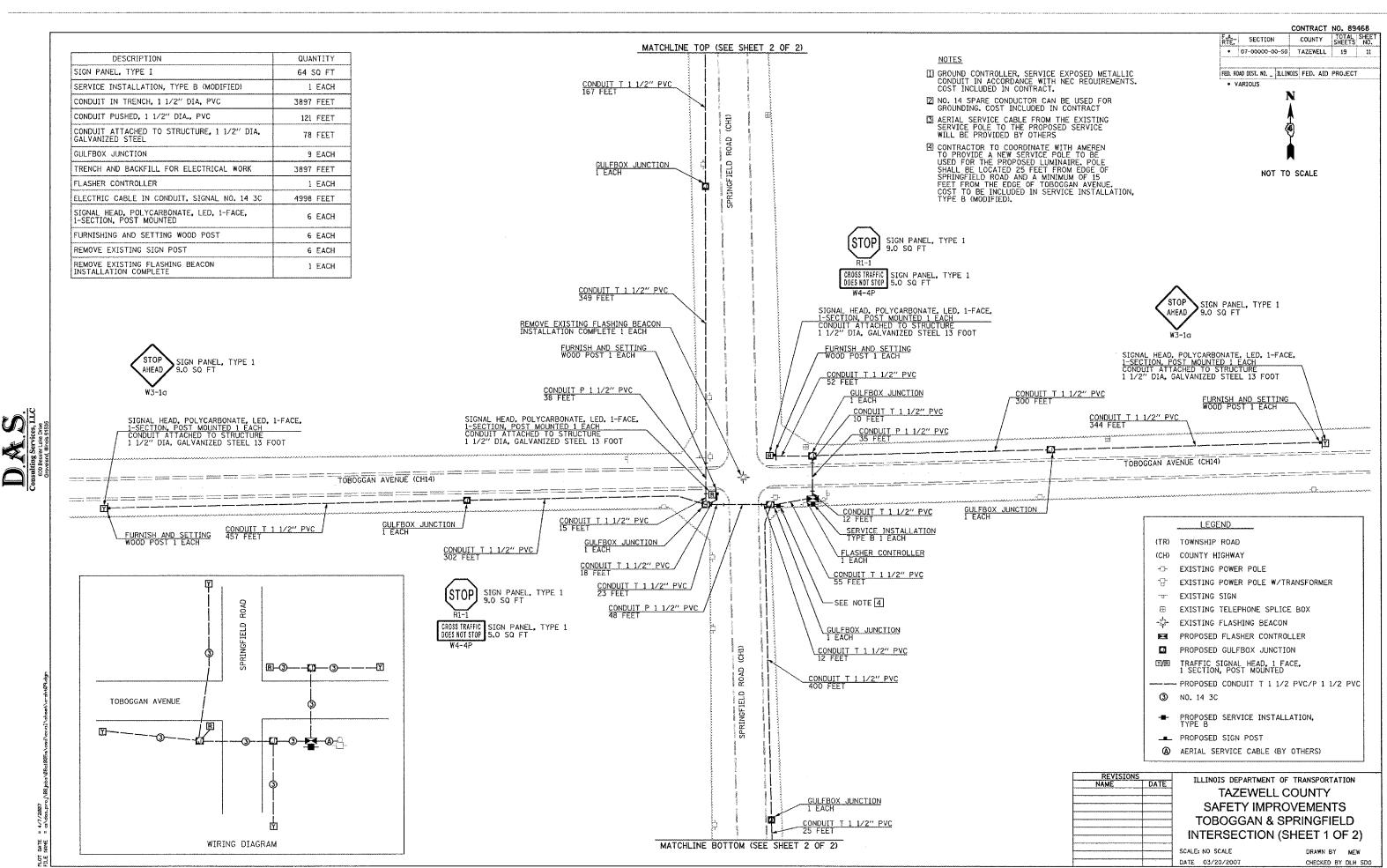
COUNTY RTE. SECTION MATCHLINE TOP DESCRIPTION QUANTITY • 07-00000-00-SG TAZEWELL 19 8 SIGN PANEL, TYPE I NOTES 36 SQ FT ROAD [] GROUND CONTROLLER, SERVICE EXPOSED METALLIC CONDUIT IN ACCORDANCE WITH NEC REQUIREMENTS. COST INCLUDED IN CONTRACT FED. ROAD DIST. NO. \_ ILLINOIS FED. AID PROJECT 1 EACH SERVICE INSTALLATION, TYPE B SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, POST MOUNTED 1 EACH CONDUIT ATTACHED TO STRUCTURE 1 1/2" DIA, GALVANIZED STEEL 13 FOOT VARIOUS CONDUIT IN TRENCH, 1 1/2" DIA, PVC 2683 FEET [2] NO. 14 SPARE CONDUCTOR CAN BE USED FOR GROUNDING. COST INCLUDED IN CONTRACT 194 FEET CONDUIT PUSHED, 1 1/2" DIA., PVC CONDUIT T 1 1/2" PVC 176 FEET CONDUIT ATTACHED TO STRUCTURE, 1  $1/2^{\prime\prime}$  DIA, GALVANIZED STEEL USE 4" X 6" X 10' WOOD POST FOR TYPE B SERVICE 82 FEET STOP SIGN PANEL, TYPE 1 4 GUY MATERIALS SHALL BE INCLUDED IN THE COST OF THE WOOD POLE AHEAD 9.0 SQ FT GULFBOX JUNCTION 5 EACH TRENCH AND BACKFILL FOR ELECTRICAL WORK 2683 FEET (5) ATTACHMENT OF CABLE TO SPAN WIRE SHALL BE INCLUDED IN THE COST OF THE ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C NOT TO SCALE GULFBOX JUNCTION
1 EACH FLASHER CONTROLLER 1 EACH FURNISH AND SETTING WOOD POST 1 EACH ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C 3462 FEET #6 1/C SERVICE CABLE SHALL BE INCLUDED IN THE BID PRICE FOR SERVICE INSTALLATION, TYPE B SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, POST MOUNTED CONDUIT T 1 1/2" PVC 162 FEET 4 EACH FURNISHING AND SETTING WOOD POST 4 EACH REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE 1 EACH REMOVE EXISTING SIGN POST CONDUIT T 1 1/2" PVC 218 FEET 4 EACH REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE 1 EACH CONDUIT P 1 1/2" PVC 83 FEET SIGNAL HEAD, 4-FACE, 1 SECTION, SPAN WIRE MOUNTED 1 EACH SIGN PANEL, TYPE 1 CONDUIT P 1 1/2" PVC 36 FEET MATCHLINE TOP AHEAD 9.0 SQ FT SIGNAL HEAD, 4-FACE, 1 SECTION, SPAN WIRE MOUNTED 1 EACH 2 EACH LIGHT POLE, WOOD, 35 FOOT, CLASS 4 CONDUIT T 1 1/2" PVC 10 FEET GULFBOX JUNCTION
1 EACH SPAN WIRE LIGHT POLE, WOOD 35 FOOT, CLASS 4 CONDUIT T 1 1/2" PVC 10 FEET FURNISH AND SETTING WOOD POST 1 EACH SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, POST MOUNTED 1 EACH CONDUIT ATTACHED TO STRUCTURE CONDUIT T 1 1/2" PVC 358 FEET GULFBOX JUNCTION
1 EACH 1 1/2" DIA, GALVANIZED STEEL 13 FOOT TOWNLINE ROAD (CH7) TOTAL CONTROL SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, POST MOUNTED 1 EACH CONDUIT ATTACHED TO STRUCTURE 1 1/2" DIA, GALVANIZED STEEL 13 FOOT CONDUIT T 1 1/2" PVC 21 FEET CONDUIT T 1 1/2" PVC CONDUIT P 1 1/2" PVC 55 FEET GULFBOX JUNCTION 1 EACH ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C 60 FEET CONDUIT T 1 1/2" PVC 433 FEET LEGEND CONDUIT T 1 1/2" PVC 300 FEET STOP SIGN PANEL, TYPE 1 CONDUIT T 1 1/2" PVC 20 FEET (TR) TOWNSHIP ROAD FLASHER CONTROLLER
1 EACH AHEAD 9.0 SQ FT (CH) COUNTY HIGHWAY SERVICE INSTALLATION
TYPE B 1 EACH CONDUIT T 1 1/2" PVC 16 FEET --- EXISTING POWER POLE W3-1a MATCHLINE BOTTOM EXISTING POWER POLE W/TRANSFORMER CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA. GALVANIZED STEEL 30 FEET LIGHT POLE, WOOD 35 FOOT, CLASS 4 CONDUIT T 1 1/2" PVC 175 FEET ⊞ EXISTING TELEPHONE SPLICE BOX -Ф EXISTING FLASHING BEACON CONDUIT T 1 1/2" PVC 307 FEET PROPOSED FLASHER CONTROLLER PROPOSED GULFBOX JUNCTION SIGN PANEL, TYPE 1 9.0 SQ FT AHEAD TRAFFIC SIGNAL HEAD, 1 FACE, 1 SECTION, POST MOUNTED (CHID) ------ PROPOSED CONDUIT T 1 1/2 PVC/P 1 1/2 PVC GULFBOX JUNCTION
1 FACH CHIE TOWERLINE ROAD ROAD PROPOSED SERVICE INSTALLATION, TYPE B TOWERLINE \_\_\_ PROPOSED SIGN POST TOWNLINE ROAD AERIAL SERVICE CABLE (BY OTHERS) AERIAL --- LIGHT POLE, WOOD, 35 FOOT, CLASS 4 CONDUIT T 1 1/2" PVC 172 FEET SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, POST MOUNTED 1 EACH CONDUIT ATTACHED TO STRUCTURE 1 1/2" DIA, GALVANIZED STEEL 13 FOOT CONDUIT P 1 1/2" PVC 20 FEET ILLINOIS DEPARTMENT OF TRANSPORTATION DATE TAZEWELL COUNTY CONDUIT T 1 1/2" PVC 30 FEFT SAFETY IMPROVEMENTS **TOWERLINE & TOWNLINE** WIRING DIAGRAM MATCHLINE BOTTOM INTERSECTION SCALE: NO SCALE DRAWN BY MEW DATE 03/20/2007 CHECKED BY DLH SDO



LOCATION 7

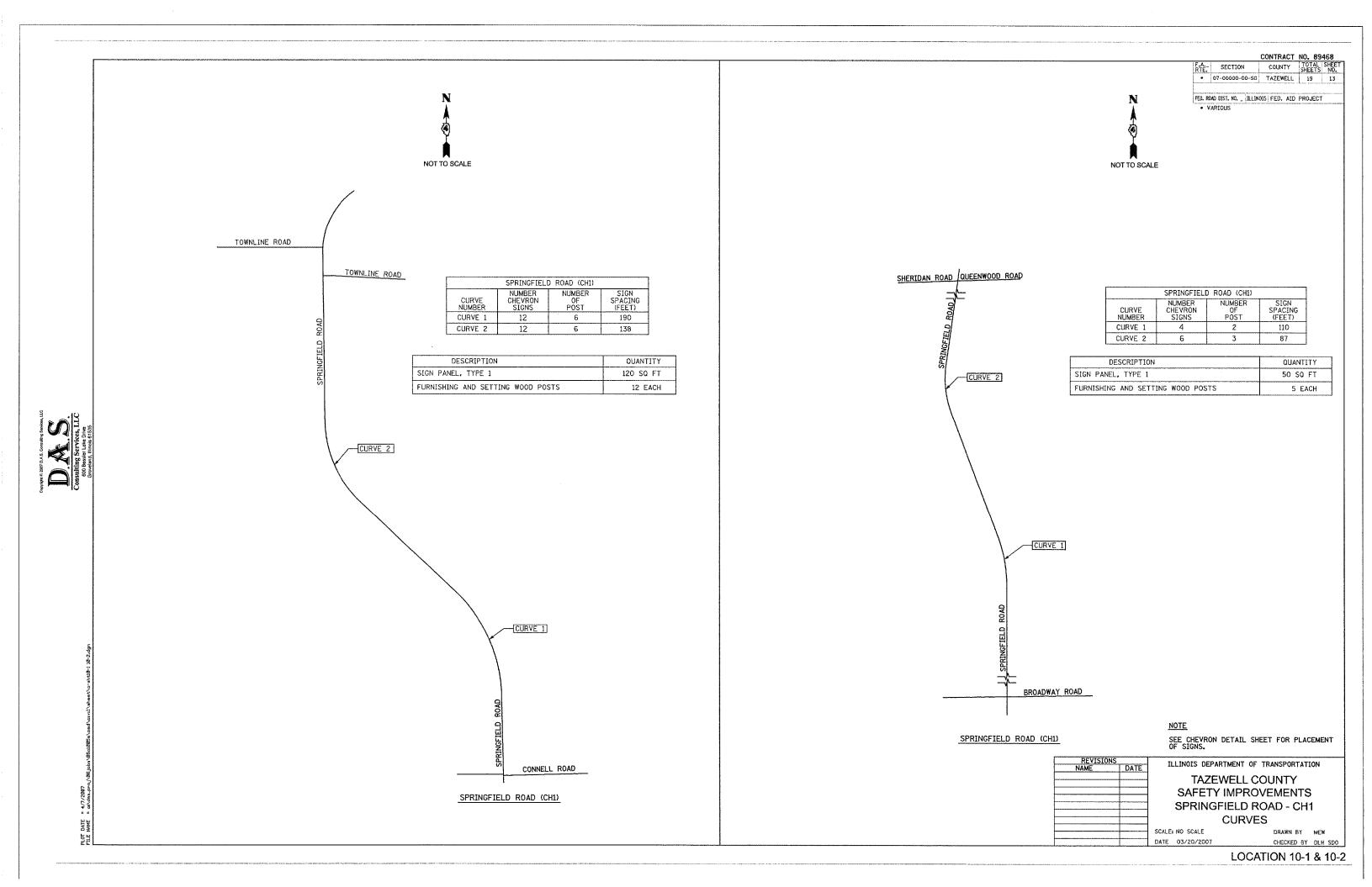
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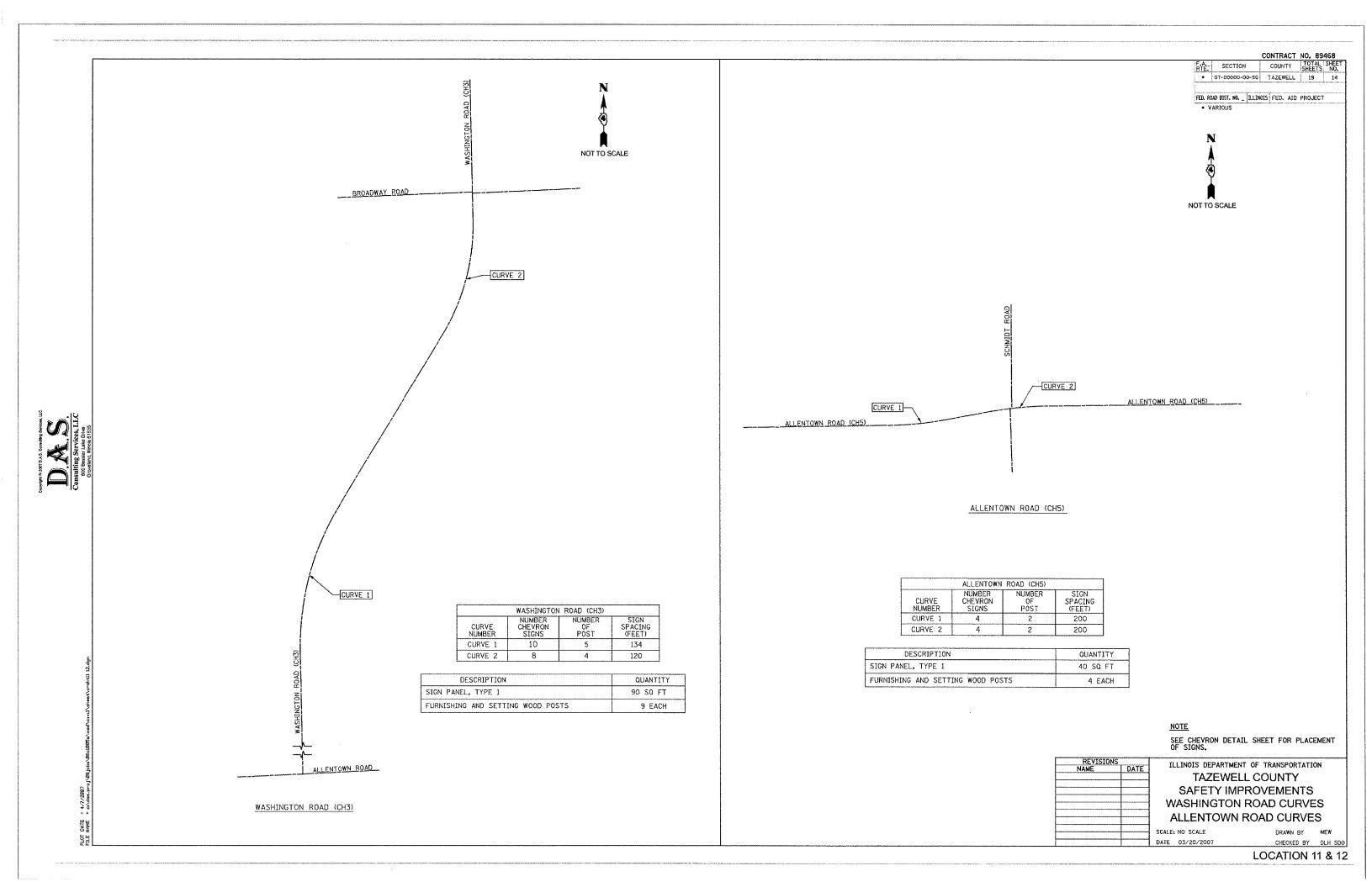


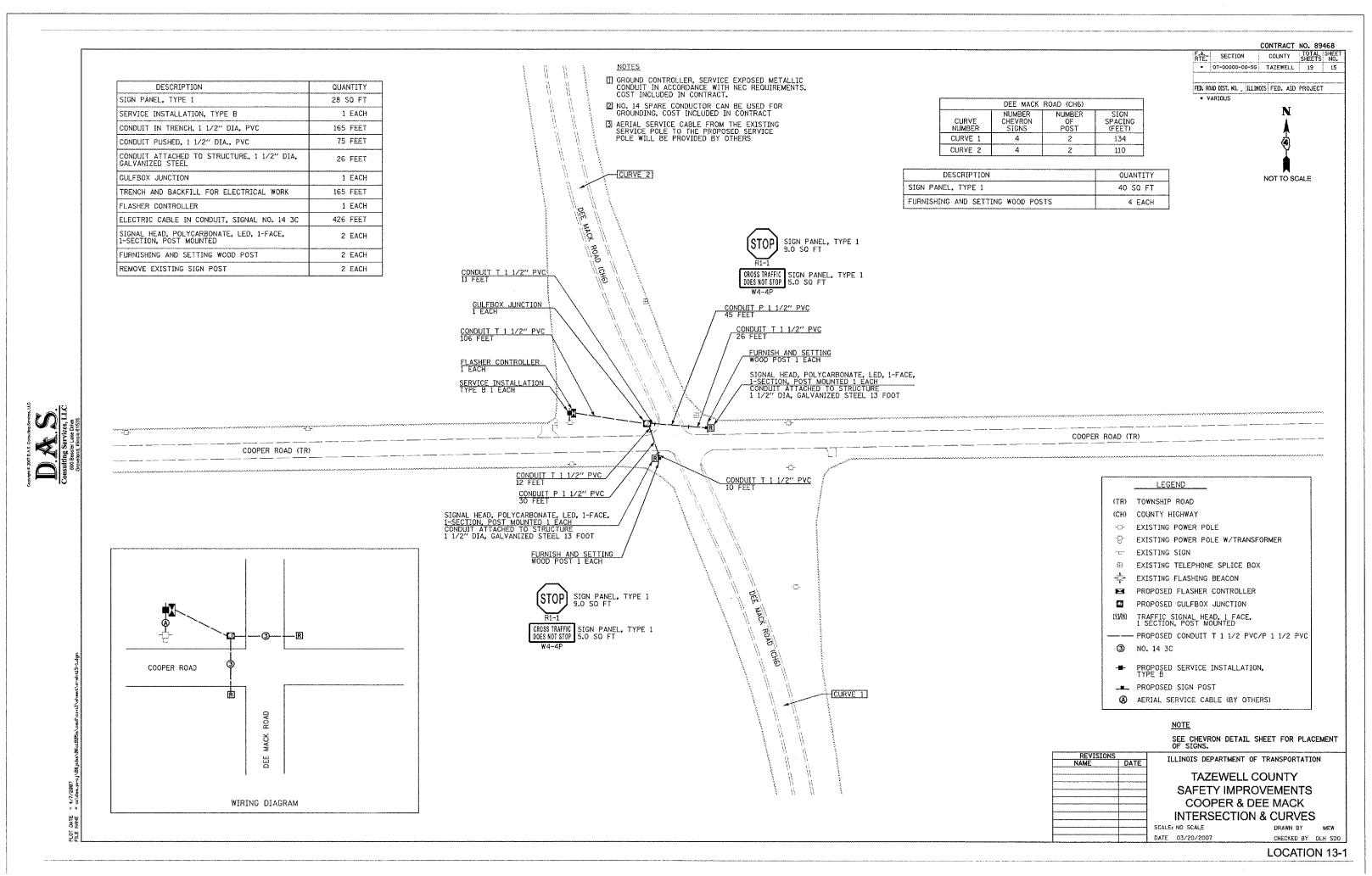


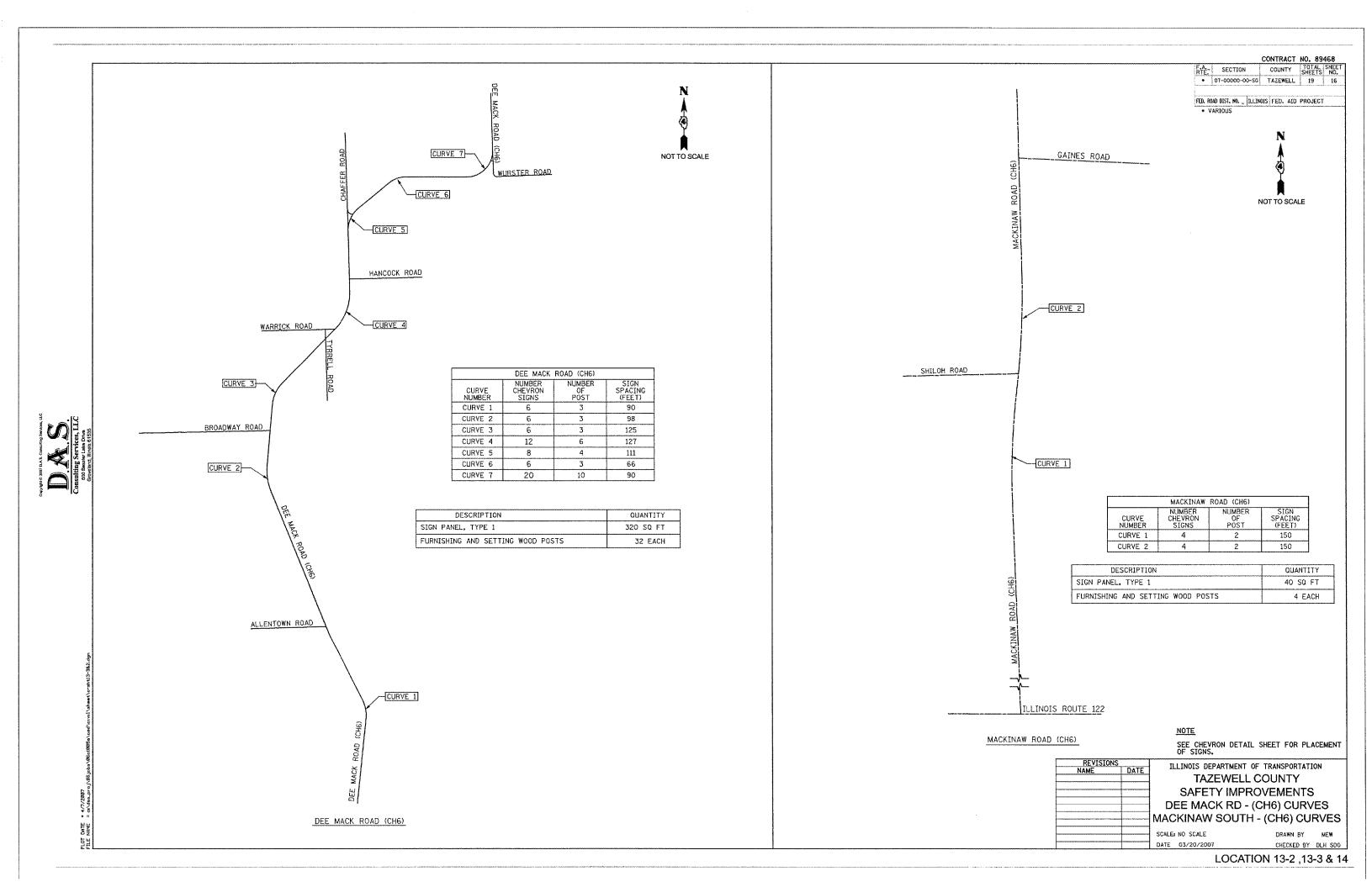
| CONTRACT | NO. 89468 | RTE | SECTION | COUNTY | STORE | SHEETS | FED. ROAD DIST. NO. \_ ILLINOIS FED. AID PROJECT MATCHLINE BOTTOM (SEE SHEET 1 OF 2) SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, POST MOUNTED 1 EACH CONDUIT ATTACHED TO STRUCTURE 1 1/2" DIA, GALVANIZED STEEL 13 FOOT NOT TO SCALE CONDUIT T 1 1/2" PVC 377 FEET CONDUIT T 1 1/2" PVC 455 FEET ROAD SPRINGFIELD GULFBOX JUNCTION 1 EACH SPRINGFIELD ROAD LEGEND (TR) TOWNSHIP ROAD GULFBOX JUNCTION 1 EACH (CH) COUNTY HIGHWAY -D- EXISTING POWER POLE  $\begin{tabular}{lll} \hline \begin{tabular}{lll} \hline \end{tabular} \hline \end{tabular} \end{tabu$ EXISTING SIGN ⊕ EXISTING TELEPHONE SPLICE BOX EXISTING FLASHING BEACON PROPOSED FLASHER CONTROLLER PROPOSED GULFBOX JUNCTION SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, POST MOUNTED 1 EACH CONDUIT ATTACHED TO STRUCTURE 1/2" DIA, GALVANIZED STEEL 13 FOOT TRAFFIC SIGNAL HEAD, 1 FACE, 1 SECTION, POST MOUNTED ③ NO. 14 3C CONDUIT T 1 1/2" PVC 284 FEET PROPOSED SERVICE INSTALLATION, TYPE B ■ PROPOSED SIGN POST AERIAL SERVICE CABLE (BY OTHERS) ILLINOIS DEPARTMENT OF TRANSPORTATION TAZEWELL COUNTY MATCHLINE TOP (SEE SHEET 1 OF 2) SAFETY IMPROVEMENTS **TOBOGGAN & SPRINGFIELD** INTERSECTION (SHEET 2 OF 2) DATE DRAWN BY MEW

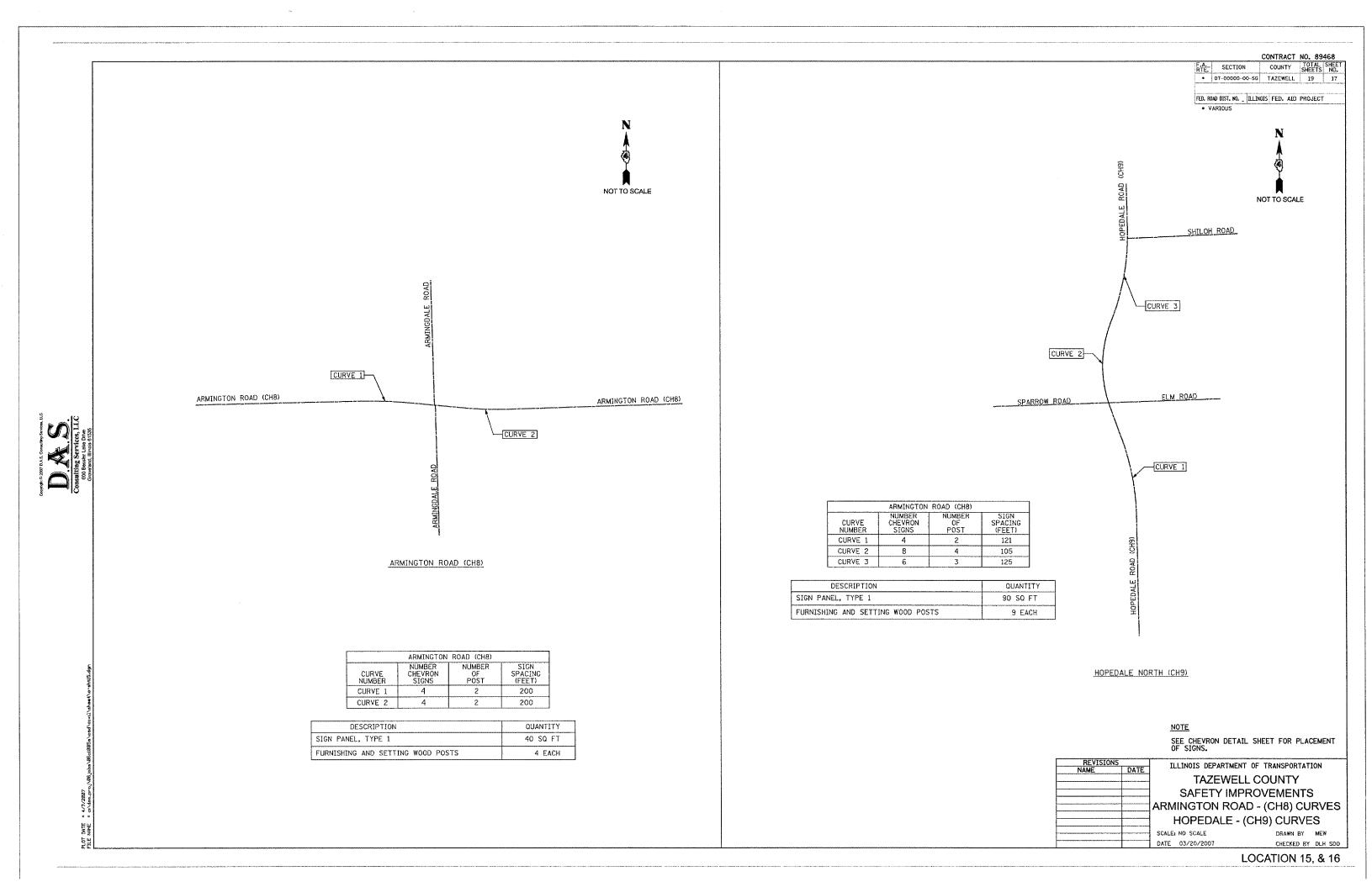
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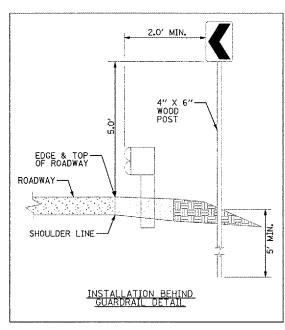












LINE

NOTES

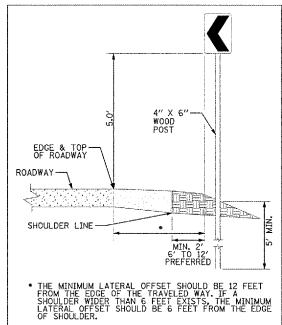
SIGHT LINE

BEGINNING POINT OF INSTALLATION ENDING POINT OF INSTALLATION DISTANCE BETWEEN BEGINNING AND ENDING POINT = ACTUAL SPACING DIFFERENCE

[] CHEVRON ALIGNMENT SIGN SHALL BE INSTALLED ON THE OUTSIDE OF THE CURVE IN LINE WITH AND AT APPROXIMATELY A RIGHT ANGLE TO APPROACHING TRAFFIC.

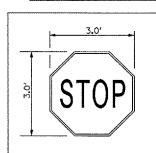
[2] CONTRACTOR SHALL FIELD STAKE LOCATIONS AND THE ENGINEER SHALL VERIFY PRIOR TO PLACEMENT OF POSTS

PLACEMENT OF CHEVRON SIGNS ON CURVES



INSTALLATION DETAIL

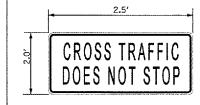
MOUNTING GROUND BACKGROUND TYPE: REFLECTIVE COLOR: YELLOW LEGEND TYPE: REFLECTIVE COLOR: BLACK 5.0 TOTAL SQ FT W1-8 SIGN DETAIL



MOUNTING	GROUND	
BACKGROUND	TYPE:	REFLECTIVE
	COLOR:	RED
LEGEND	TYPE:	REFLECTIVE
	COLOR:	WHITE

9.0 TOTAL SQ FT

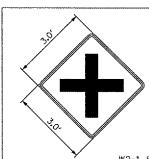
R1-1 SIGN DETAIL



MOUNTING	GROUND
BACKGROUND	TYPE: REFLECTIVE
	COLOR: YELLOW
LEGEND	TYPE: REFLECTIVE
	COLOR: BLACK

5.0 TOTAL SQ FT

W4-4P SIGN DETAIL



GROUND
TYPE: REFLECTIVE
COLOR: YELLOW
TYPE: REFLECTIVE
COLOR: BLACK

9.0 TOTAL SQ FT

TYPE: REFLECTIVE

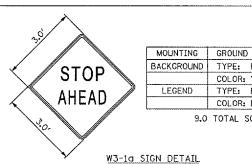
COLOR: YELLOW TYPE: REFLECTIVE

COLOR: BLACK

9.0 TOTAL SQ FT

W2-1 SIGN DETAIL

LEGEND



**GENERAL NOTES:** 

- NO COMMITMENTS WERE MADE IN CONJUCTION WITH THIS PROJECT.
- ALL TRAFFIC SIGNALS SHALL BE 12" L.E.D. SECTIONS.
- THE LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY TRAFFIC SIGNAL COMPONENTS OR SIGN
- ALL REMOVAL ITEMS SHALL BE DISPOSED OF OFF THE RIGHT-OF-WAY SEE SPECIAL FOR ADDITIONAL GUIDANCE

CONTRACT NO. 89468 COUNTY TOTAL SHEET NO.

• 07-00000-00-50 TAZEWELL 19 18

FED. ROAD DIST. NO. \_ ILLINOIS FED. AID PROJECT

SECTION

- THE EXISTING FLASHING BEACONS SHALL REMAIN IN OPERATION DURING THE CONSTRUCTION OF THE PROPOSED FLASHING BEACONS.
- ANY MAINTENANCE OF EXISTING FLASHING BEACONS SHALL BE CONSIDERED AS EXTRA WORK.
- ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB NUMBER LISTED IN THE INDEX OF
- ACCESS TO ALL ENTRANCES AND SIDE ROADS SHALL BE MAINTAINED AT ALL TIMES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS, AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS 1-800-892-0123. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED.
- PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN 10. TAKEN FROM AERIALS AND FIELD REVIEWS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTORS' RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN SCOPE OF WORK; HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
- UNLESS OTHERWISE NOTED, CONTRACTOR SHALL INSTALL REPLACEMENT POSTS AND SIGN PANELS IN THEIR ORIGINAL LOCATIONS.
- ALL ELECTRIC CABLE RUNS SHALL BE CONTINUOUS, NO SPLICES WILL BE ALLOWED. 12.
- 13. PLACEMENT OF CHEVRON SIGNS MAY REQUIRE ADJUSTMENT IN THE FIELD. PLEASE NOTE THAT SPECIAL CURVE SITUATIONS MAY ARISE IN WHICH A COMBINATION OF VERTICAL AND HORIZONTAL CURVATURE WILL REQUIRE ADDITIONAL
- CONTRACTOR SHALL ADJUST CHEVRON SIGN PLACEMENT AS DIRECTIED BY THE ENGINEER TO ENSURE SITE DISTANCE AT INTERSECTING ROADWAYS IS NOT

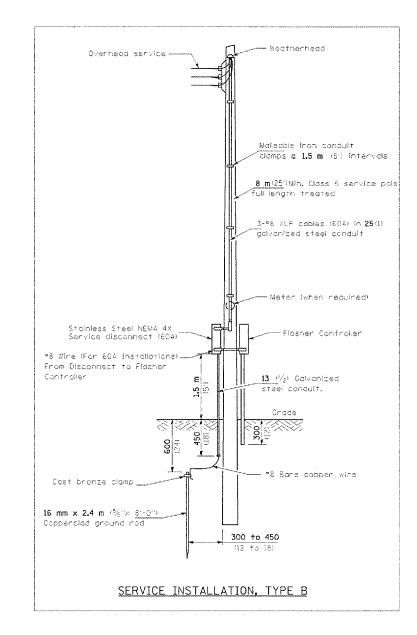
REVISIONS NAME DATE ILLINOIS DEPARTMENT OF TRANSPORTATION TAZEWELL COUNTY SAFETY IMPROVEMENTS **GENERAL NOTES & DETAILS** SHEET 1 OF 2 SCALE: NO SCALE DRAWN BY MEW DATE 03/20/2007 CHECKED BY DLH SDO



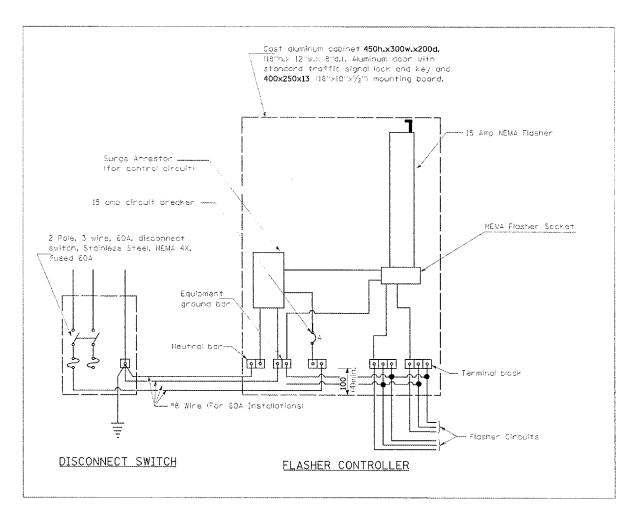
CONTRACT NO. 89468

FED. ROAD DIST. NO. \_ ILLINOIS FED. AID PROJECT

VARIOUS



DATE



REVISIONS ILLINOIS DEPARTMENT OF TRANSPORTATION
TAZEWELL COUNTY
SAFETY IMPROVEMENTS
DETAILS
SHEET 2 OF 2

SCALE: NO SCALE
DATE 03/20/2007

DRAWN BY MEW CHECKED BY DLH SDO