

**RESOLUTION
#R2023-22**

WHEREAS, the City of Sycamore desires to enter into an Intergovernmental Agreement for the installation and maintenance of solar powered license plate readers mounted along Peace Road (CH 34) in two locations onto existing DeKalb County traffic signal poles within the right-of-way; and

WHEREAS, this agreement will continue to foster the cooperation between Governmental agencies needed to work together for the common good of DeKalb County Residents; and

WHEREAS, the Highway Committee of the DeKalb County Board does concur with the conditions and deems it appropriate to enter into this agreement with the City of Sycamore.

NOW, THEREFORE, BE IT RESOLVED, by the DeKalb County Board that it does authorize its Chairman to sign the Intergovernmental Agreement with the City of Sycamore.

PASSED AT SYCAMORE, ILLINOIS THIS 15th DAY OF FEBRUARY 2023 A.D.

Chairman, DeKalb County Board

ATTEST:

County Clerk

Budget Funding Sources

No County Funding Involved

INTERGOVERNMENTAL AGREEMENT

THIS INTERGOVERNMENTAL AGREEMENT (*“the Agreement”*) is entered into by and between the County of DeKalb, a unit of local government of the State of Illinois (*“DeKalb County”*) and the City of Sycamore, a unit of local government of the State of Illinois (*“City of Sycamore”*).

WITNESSETH:

WHEREAS, the DeKalb County and the City of Sycamore are public agencies within the meaning of the Illinois Intergovernmental Cooperation Act 5 ILCS 220/1 et seq. as authorized by Article VII Section 10 of the 1970 Constitution of the State of Illinois; and

WHEREAS, the Illinois Constitution and the Illinois statutes encourage and provide for unites of local government to cooperate and enter into intergovernmental agreements in any manner not prohibited by law or ordinance to their mutual benefits; and

WHEREAS, in furtherance of its adopted Land Use Plan, DeKalb County will approve the placement of license plate readers mounted on two (2) existing traffic signals per the attached standard within DeKalb County's right-of-way. One will be allowed on the west side of Peace Road at the southwest corner of the intersection with Mercantile Drive to read southbound traffic (GPS Lat 41.97077 & Long -88.709). One will be allowed on the west side of Peace Road at the southwest corner of the intersection with Puri Drive to read southbound traffic (GPS Lat 41.98304 & Long -88.7079).

WHEREAS, the City of Sycamore agrees to pay all the actual costs incurred for the installation of said license plate camera readers, all necessary mounting material, and all future maintenance costs incurred with repairs, replacements, and relocations as necessary. All work shall be in accordance with the standard shown on Attachment A. The City of Sycamore also agrees to pay for all costs incurred for the removal of said equipment in returning the traffic signal poles to its pre-existing state if either party deems it necessary to end this agreement in writing with a 30-day notice of intent. Should license plate camera readers require removal from the aforementioned traffic pole locations, the parties agree to determine a mutually agreeable location for the installation of an independent pole to mount each of the license plate camera readers.

WHEREAS, the parties agree to cooperate with each other and to notify each other of any defects in the condition of the readers or mounting materials to become aware of such to minimize the possibility of injury to the general public.

WHEREAS, the City of Sycamore agrees that it will indemnify and hold the County of DeKalb harmless from any and all liability which the County may incur by reason of any injuries sustained as a result of defects that can be reasonable attributable to a failure on the part of the City to maintain said equipment.

IN WITNESS WHEREOF, the parties hereto have hereon set their hands and seals the day and year set forth below.

This agreement is dated to commence upon execution of both parties.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by their duly authorized officers on the date(s) below.

County of DeKalb, a unit of local
Government, of the State of Illinois

City of Sycamore, a unit of local
Government of the State of Illinois

By: _____
Chair, DeKalb County Board

By: _____
Mayor, City of Sycamore

Date: _____

Date: _____

ATTEST:

ATTEST:

By: _____
DeKalb County Clerk

By: _____
City of Sycamore Clerk

Referred to Executive Committee

flocksafety

MISSOURI D.O.T TRAFFIC SIGNAL DETAILS AUTOMATIC LICENSE PLATE READER 60 WATT SYSTEM

SHEET INDEX

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
1	COVER SHEET
2	LICENSE PLATE READER
3	EQUIPMENT DETAILS

Referred to Executive Committee

CONTACT: **flock safety**
TRELOS
 ENGINEERING
 1800 SANTA ANTONIO BLVD., #1770
 WEST
 MO 63050-1111

STATE OF MISSOURI
 PROFESSIONAL SOCIETY
 12-14-22

DATE	DESCRIPTION
12.04.2022	1ST SUBMITTAL
12.14.2022	2ND SUBMITTAL

flock safety
 MISSOURI D.O.T TRAFFIC SIGNAL DETAILS
 AUTOMATIC LICENSE PLATE READER
 60 WATT SYSTEM

SHEET NAME:
 COVER SHEET

SHEET NUMBER:
 1
 OF 3 SHEETS

ATTACHMENT A

PULL BOX NOTES:
 ITEMS NOT PERMITTED ON THE POLE OR TOO HEAVY TO MOUNT ON THE POLE SHALL BE EITHER MOUNTED AT THE RIGHT OF WAY LINE OR INSTALLED BELOW GRADE IN A STANDARD MODOT PREFORMED PULL BOX IN ACCORDANCE WITH MODOT STANDARD PLAN 902.20

THE PULL BOX SHALL BE LOCATED DOWNSTREAM OF THE POLE, PARALLEL TO THE ROADWAY, LOCATED WITHIN 3-4 FEET OF THE POLE TO MINIMIZE THE LENGTH OF BURIED CABLE

THE PULL BOX LID SHALL INDICATE THE PURPOSE OF THE PULL BOX USING A DURABLE LABELING SYSTEM

GENERAL NOTES:
 ALL INDEPENDENT LICENSE PLATE READERS SHALL BE LOCATED BEHIND EXISTING BARRIER AS DEPICTED ON THIS SHEET. GUARD CABLE IS NOT DEPICTED AS AN OPTION DUE TO ITS 12 FOOT DEFLECTION DISTANCE

NON-INDEPENDENT INSTALLATIONS ARE LIMITED TO EXISTING, NON-BREAKAWAY STRUCTURES OR, OR ADJACENT TO, MODOT RIGHT OF WAY

SEE MODOT EPG SECTION 941.10 FOR COMPLETE GUIDANCE ON LICENSE PLATE READER INSTALLATIONS AND PROCEDURES

GENERAL NOTES:
 ONLY LICENSE PLATE READER CAMERAS, PAN-TILT-ZOOM CAMERAS, SOLAR PANELS AND/OR BATTERY/ CONTROL BOXES MAY BE MOUNTED ON THE PEDESTAL POST

OTHER HARDWARE COMPONENTS SHALL BE REMOTE LOCATED IN A PULL BOX ADJACENT TO THE POLE INSTALLATION OR AT THE RIGHT OF WAY LINE

THE OWNERSHIP TAG SHALL BE FABRICATED TO LAST THE LIFE OF THE INSTALLATION AND SHALL CONTAIN THE NAME AND CONTACT INFORMATION OF THE ENTITY RESPONSIBLE FOR MAINTAINING THE INSTALLATION

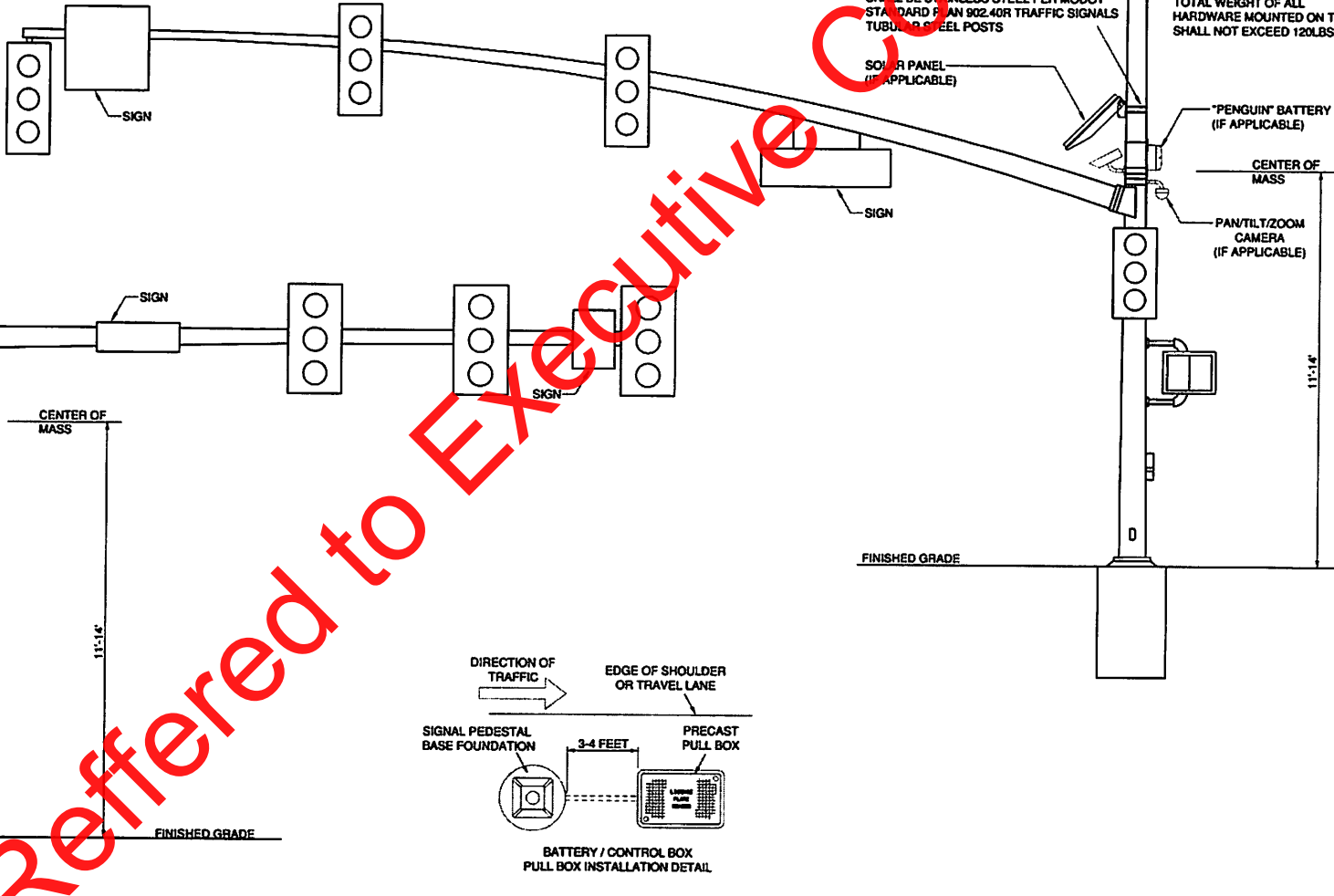
ATTACH EQUIPMENT WITH 5/8" X 0.025" STAINLESS STEEL BANDING. THE BUCKLE SHALL BE STAINLESS STEEL PER MODOT STANDARD PLAN 902.40R TRAFFIC SIGNALS TUBULAR STEEL POSTS

SOLAR PANEL (IF APPLICABLE)

"PENGUIN" BATTERY PACK (IF APPLICABLE)

PAN/TILT/ZOOM CAMERA (IF APPLICABLE)

SPECIAL NOTE FOR ALL CASES:
 TOTAL WEIGHT OF ALL HARDWARE MOUNTED ON THE POLE SHALL NOT EXCEED 120LBS



ATTACH EQUIPMENT WITH 5/8" X 0.025" STAINLESS STEEL BANDING. THE BUCKLE SHALL BE STAINLESS STEEL PER MODOT STANDARD PLAN 902.40R TRAFFIC SIGNALS TUBULAR STEEL POSTS

SOLAR PANEL (IF APPLICABLE)

SIGN

SPECIAL NOTE FOR ALL CASES:
 TOTAL WEIGHT OF ALL HARDWARE MOUNTED ON THE POLE SHALL NOT EXCEED 120LBS

"PENGUIN" BATTERY PACK (IF APPLICABLE)

CENTER OF MASS

PAN/TILT/ZOOM CAMERA (IF APPLICABLE)

11'-14"

FINISHED GRADE

DIRECTION OF TRAFFIC

EDGE OF SHOULDER OR TRAVEL LANE

SIGNAL PEDESTAL BASE FOUNDATION

3-4 FEET

PRECAST PULL BOX

BATTERY / CONTROL BOX
 PULL BOX INSTALLATION DETAIL

Referred to Executive Committee

CONTRACTOR: **flock safety**
TRELOS
 ENGINEERING
 1000 WEST 14TH AVENUE, SUITE 100
 DENVER, CO 80202
 (303) 733-1114

STATE OF MISSOURI
 PROFESSIONAL ENGINEER
 DATE: 12-14-22

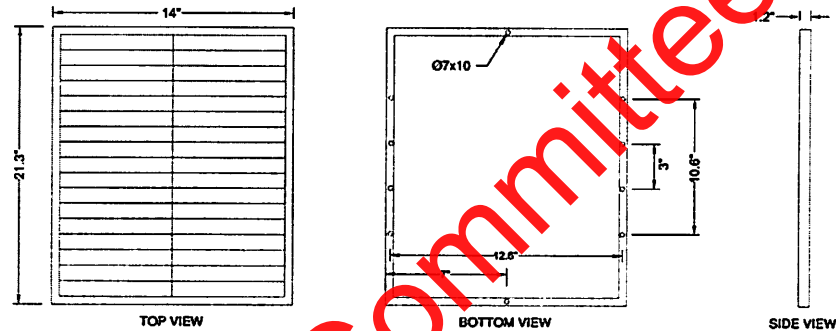
DATE	DESCRIPTION	BY	CHKD.
12-14-2022	1ST SUBMITTAL		
12-14-2022	2ND SUBMITTAL		

PROJECT: **flock safety**
 MISSOURI D.O.T TRAFFIC SIGNAL DETAILS
 AUTOMATIC LICENSE PLATE READER
 60 WATT SYSTEM

SHEET NAME: **LICENSE PLATE READER**

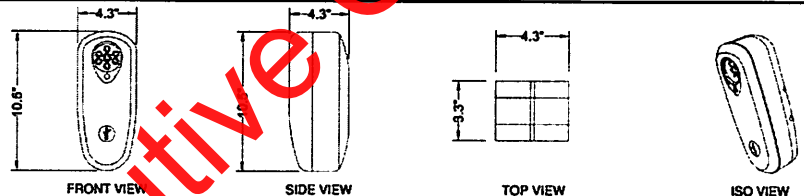
SHEET NUMBER: **2**
 OF 3 SHEETS

ATTACHMENT A



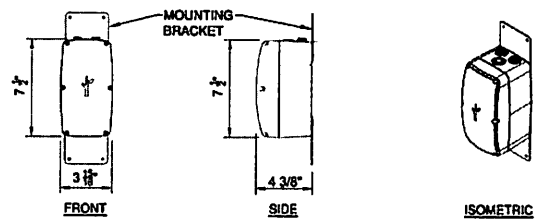
(2) 30 WATT PANEL DETAIL

NOTES:
1. SOLAR PANELS ARE WORLD MICRO MODEL PP-N30WB-CH7.



AUTOMATIC LICENSE PLATE READER DETAIL

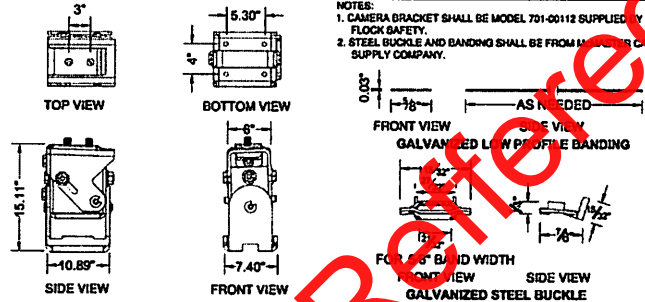
NOTES:
1. CAMERA SHALL BE MODEL 701-00186 SUPPLIED BY FLOCK SAFETY OR APPROVED EQUAL



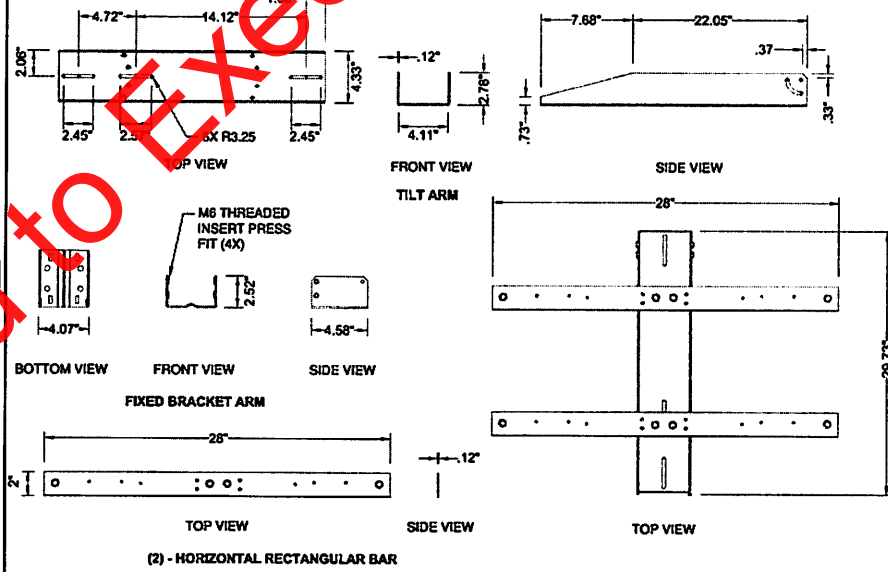
"PENGUIN" BATTERY PACK (WEIGHT = 5 LB. (APPROX.))

BATTERY PACKS TO BE MOUNTED BEHIND 60W SOLAR PANEL

NOTES:
1. CAMERA BRACKET SHALL BE MODEL 701-00112 SUPPLIED BY FLOCK SAFETY.
2. STEEL BUCKLE AND BANDING SHALL BE FROM HUNTER C SUPPLY COMPANY.

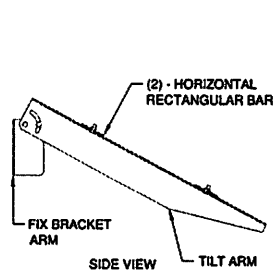


CAMERA BRACKET DETAILS



PANEL SUPPORT STRUCTURE DETAIL

NOTES:
1. DESIGN PER ASME Y14.100 AND Y14.5.
2. DEBURR ALL SHARP EDGES.
3. ALL MATERIAL .12 INCH THICK ANODIZED (BLACK) ALUMINUM 5052.
4. DIMENSION TOLERANCES ARE:
DECIMALS X ± .02 ANGLES X ± 3°
XX ± .01 XX ± 1°
XXX ± .01 XXX ± .01
5. PANEL SUPPORT STRUCTURE SHALL BE MODEL 204-00010 & 204-00011 SUPPLIED BY FLOCK SAFETY OR APPROVED EQUAL



CONTACT: **flock safety**
TRELOS
1802 SOUTH LAMAR BLVD., SUITE 1000
ST. LOUIS, MO 63104-1111

STATE OF MISSOURI
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
DATE: 12-14-22

NO.	DESCRIPTION	DATE
1	1ST SUBMITTAL	12.04.2022
2	2ND SUBMITTAL	12.14.2022

flock safety
MISSOURI D.O.T TRAFFIC SIGNAL DETAILS
AUTOMATIC LICENSE PLATE READER
60 WATT SYSTEM

EQUIPMENT DETAILS

DEKALB COUNTY TRANSPORTATION IMPROVEMENT PROGRESS REPORT

Project Description	Construction Estimate of Cost	County's Local Cost	Preliminary Engineering	Design Engineering	Land Acquisition	Contract Construction
1 GLIDDEN RD SHLDRS Rich Rd to Route 64	Day Labor	100%	N/A	40%	100%	10%
2 GLIDDEN RD ROW Route 64 to Base Line	240,000	240,000	100%	N/A	94%	N/A
3 GLIDDEN RD INTX SAFETY Intersection with Base Line Road	800,000	135,000	0%	0%	10%	2024
4 GOELITZ RD BRIDGE 800 ft N of Rt 64	200,000	100,000	100%	60%		
5 PRITCHARD RD BRIDGE Over Branch of Big Rock Creek	1,250,000	50,000	95%	80%		2024
6 PEACE RD BRIDGE WIDENING Over Kishwaukee River	3,600,000	3,600,000	95%	60%		2024
7 PEARL STREET BRIDGE Over Kishwaukee River	3,122,000	0	20%	9%		2024
8 PERRY ROAD BRIDGE 1/2 mile east of Anderland Rd	750,000	750,000	100%			
9 PERRY ROAD BRIDGE 1/2 mile east of Chase Rd	500,000	100,000	98%	85%		2023
10 PLANK ROAD STUDY Lindgren Rd to E of Lukens Rd	141,755	141,755	75%			N/A
11 PLANK ROAD IMPROVEMENT Spot improvement based on study	1,500,000	300,000	0%	0%	0%	2025 or 2026
12 ROLLO RD CULVERTS Suydam Rd to Chicago Rd	250,000	250,000	100%	85%	0%	2023
13 SOMONAUK RD R.O.W. I-88 to Perry Rd	250,000	250,000	50%	3%		
14 SOMONAUK RD CULVERTS Perry Road to Barber Greene Rd	500,000	500,000	100%	100%	0%	2023
15 WEST COUNTY LINE / LEE RD HMA paving south & east of Lee, IL	1,740,000	348,000	50%	10%		2023
16 COUNTYWIDE SEAL COAT Various locations	1,000,000	250,000	90%	75%		2023
17 ROAD DISTRICT HMA PAVING Various locations	1,500,000	0	50%	10%		2023
Total:	17,343,755	7,014,755				Progress reported as of 1/27/2023

Referred to Executive Committee