



Anoka County
MINNESOTA

Respectful, Innovative, Fiscally Responsible

ANOKA COUNTY TRANSPORTATION DIVISION

1440 BUNKER LAKE BLVD NW

ANDOVER, MN 55304

763-324-3176

highwaypermits@anokacountymn.gov

PERMIT NUMBER

24-433

RIGHT OF WAY

COMMERCIAL ACCESS

Multiple

APPLICATION FOR PERMIT FOR INSTALLATION OF UTILITIES OR PLACING OBSTRUCTIONS ON THE COUNTY HIGHWAY SYSTEM
ALL APPLICANTS MUST BE REGISTERED PRIOR TO PERMIT APPROVAL

APPLICANT NAME **Blaine Police Department**

CONTACT PERSON **Cpt. Mark Boerboom**

ADDRESS **10801 Town Square Dr Ne**

CITY **Minneapolis**

PHONE NUMBER **(763) 785-6129**

EMAIL **mboerboom@blainemn.gov**

COMPANY OR INDIVIDUAL PERFORMING WORK **Flock Group Inc DBA Flock Safety**

CONTACT PERSON **Christine Strileckis**

EMAIL **permit@flocksafety.com**

PHONE NUMBER **470-568-4561**

PERMIT WORK TO START **07/31/2024**

552727 498325 645558

PERMIT WORK TO BE COMPLETED **10/31/2024**

DURATION OF JOB **5 days**

ARE YOU BEING ASKED TO RELOCATE DUE TO A COUNTY PROJECT? **No**

ANOKA COUNTY PROJECT NUMBER

WORK SITE ADDRESS **Multiple Locations**

CITY **Blaine**

METHOD OF INSTALLATION/CONSTRUCTION **Dig**

NATURE OF WORK **Installation of (18) ALPR cameras. (8) on MASH-certified pole and (10) on existing traffic signals.**

SURFACE TO BE DISTURBED

SITE PLAN

IF THE ROADWAY IS ENCROACHED, YOU MUST ATTACH A TRAFFIC CONTROL PLAN AND/OR REFERENCE THE MOST CURRENT VERSION OF THE MN TEMPORARY TRAFFIC CONTROL FIELD MANUAL (3+ DAYS REQUIRES PLANS TO BE SIGNED BY A LICENSED PE).

DITCH/BLVD



GRAVEL

BITUMINOUS

CONCRETE

NONE

IS SIGNING AND STRIPING REQUIRED? **No**

All traffic control shall be in accordance with the most current version of the MnDot Field Manual.

DEPTH FROM SURFACE **N/A**

(60" minimum under county roads)

SIZE AND KIND OF PIPE/CABLE **N/A**

NUMBER OF EXCAVATIONS **4+**

SIZE OF EXCAVATIONS **1 sq ft**

(Length, width, and depth)

LOCATION OF EXCAVATIONS **ALL EXCAVATIONS ARE TO BE PROTECTED AT ALL TIMES AND THEN BACKFILLED WHEN UNATTENDED AND/OR OVERNIGHT**

Specific written descriptions of excavations - if shown on attached drawing, drawing shall be specific with depth and distance from centerline, curb, or other distinguishable location. Traffic control plans cannot be approved without specific excavation descriptions.

Installation of slip-case detailed in attached site plans.

THIS PERMIT COVERS THE RIGHT OF WAY IN ANOKA COUNTY ONLY

ACTD reserves the right to make changes to these special conditions.



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GENERAL INFORMATION

One permit must be approved for each county road on which work will be performed prior to any work within the right of way by any utility/contractor. Emergency conditions which threaten the safety of the public and require immediate repair are exceptions to this rule. Under those circumstances, the utility/contractor is permitted to begin and/or complete the necessary repairs. The Anoka County Transportation Division (ACTD) shall be notified of emergency repairs as soon as feasible and a written permit is to be completed within two business days of occurrence.

A license-permit bond is generally required of the contractor as part of the registration process, the amount of which will be determined by the nature of the utility work.

A sketch or drawing shall accompany each permit application which will show the location of the proposed work/utility with reference to the county highway center line and right of way line. A complete set of plans is required for all sewer/water projects.

It shall be the responsibility of the applicant to determine which of the special conditions apply to each permit.

ACTD reserves the right to revoke any utility permit and halt work, if, upon inspection of any job site, the special conditions are not met, and/or a hazard exists for the applicant or public safety is threatened. **The failure to comply with the terms and conditions of any applicable Federal, State, Regional, and local laws, rules and regulations, including any provision of Anoka County's Right-of-Way Ordinance shall be cause for immediate revocation of a permit.**

The applicant shall notify ACTD immediately upon completion of project so that the ACTD can inspect the site to determine if restoration has been satisfactorily completed.

The undersigned hereby accepts the terms and conditions of this permit and the regulations of Anoka County, and agrees to fully comply therewith to the satisfaction of the ACTD. The county of Anoka, its officials, employees, and agents, shall be held harmless, by the applicant/permittee, from any demands, claims, lawsuits, or damages relating to the work described in this permit.

APPLICANT'S SIGNATURE DocuSigned by: <i>Christine Strleckis</i>	DATE 7/17/2024
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AUTHORIZATION OF PERMIT

In consideration of the applicant's agreement to comply in all respects with the regulations of the ACTD covering such operations, permission is hereby granted for the work to be done as described in the above application. Said work to be done in accordance with the general conditions listed above and the special conditions required as hereby stated. It is expressly understood that this permit is conditioned upon replacement or restoration of the county highway and its right of way to their original or to a satisfactory condition. It is further understood that this permit is issued subject to the approval of local city or township authorities having joint supervision over said street or highway.

APPROVED BY: DocuSigned by: <i>Susan Burgmeier</i> TITLE: Traffic Technician	DATE 7/19/2024
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NOT VALID UNLESS SIGNED BY ANOKA COUNTY

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SPECIAL CONDITIONS

TRAFFIC CONTROL

- 1) Detours
 - a) Detailed detour layouts shall be submitted to the traffic engineer for approval.
 - b) No detours shall be permitted without prior approval of the Anoka county traffic engineer.
 - c) A ten day notice must be given prior to the installation of any detour.
 - d) It shall be the responsibility of the applicant to notify Anoka county central communications, local government bodies, and any affected bus companies ten days prior to any road closures/detours.
 - e) Immediately upon completion of work and/or detours, all posts, barricades, and signs shall be removed from the right of way.
- 2) Traffic control devices
 - a) All traffic control devices, barricades, flashers, etc., shall be furnished by the applicant and shall be in accordance with the most recent edition of the Minnesota manual on uniform traffic control devices and temporary traffic control zone layouts – field manual of the same manual.

CONSTRUCTION REQUIREMENTS

- 1) Open cutting of bituminous or concrete surfaced roads will be allowed only at the discretion of the county engineer.
- 2) Neither supplies nor excavation materials shall be placed on the bituminous or concrete surface at any time.
- 3) No trenches will be allowed to remain open overnight.
- 4) Materials removed from the trench shall be used as backfill insofar as they are suitable. All backfill material shall conform to MNDOT specifications for compaction. The use of heavy equipment on top of trench, slapping with backhoe bucket and/or back casting to achieve compaction is prohibited. Any additional material required to back fill to the original grade shall be furnished by the applicant at no expense to the ACTD. All the base and surface courses damaged during construction operations shall be restored to a condition equal to or better than before operations began. The applicant shall be responsible for and restore any settlement.
- 5) All culverts, ditches, shoulders, and backslopes shall be restored to their original condition unless otherwise directed by the ACTD. Shoulders which have been previously constructed or reconstructed with special materials shall be replaced in kind. Restoration of signs, guardrails, guard posts, etc., are the sole responsibility of the applicant and shall be restored to their original condition.
- 6) All roadway maintenance required within the limits of the utility project that is related to the applicant's activities shall be the sole responsibility of the applicant for one year after completion of the project. Upon completion of the restoration work, the applicant shall request a final inspection by the ACTD. The ACTD's approved completion date shall be the starting date of the applicant's one-year responsibility.

HORIZONTAL BORING AND JACKING

- 1) All hard surface roadways shall be jacked or bored.
- 2) All crossings of Anoka County maintained roadbeds, shall be made by boring inside a casing or carrier pipe, or by jacking unless otherwise directed by the Anoka County Engineer. The auger shall lead the casing or carrier pipe by at least six inches whenever possible and never lead the carrier pipe by more than one inch.
- 3) The use of pneumatic devices to facilitate the roadbed crossings will be allowed in most cases with prior approval. In the event approval is not granted and applicant uses a pneumatic device to cross a roadbed and encounters an obstruction and/or unstable subbase material which makes forward or reverse motion of pneumatic device impossible, said pneumatic device then becomes part of the roadway subbase and permission to excavate to retrieve device will not be granted.
- 4) If a pneumatic device is used for the work permitted herein, the installation must be kept to a minimum of four feet below the surface of the roadway if the pneumatic device is less than two inches in diameter, and a minimum of five feet below the surface of the roadway if the pneumatic device is two inches in diameter or larger.

BITUMINOUS RESTORATION

- 1) The locations and dimensions of all openings to be made in the bituminous surface shall be approved by the ACTD prior to any cutting or any surface opening operations.
- 2) All openings in bituminous surfaces shall be cut in a straight line with the sides smooth and vertical. No ragged edges will be permitted. Cutting shall be done with a concrete saw.
- 3) All necessary dust control operations shall be carried out by the applicant at no expense to Anoka County.
- 4) The minimum requirement for subgrade replacement shall be the upper twelve inches of material and shall meet MNDOT specifications for class five placed in six inch layers compacted to one hundred percent of optimum density.
- 5) All manhole casings, gate valves, and other utility structures shall be set one quarter inch below the top of the finished surface.
- 6) Bituminous tack coat materials and application thereof shall conform to MNDOT specification 2357.
- 7) All bituminous surfacing shall be replaced as soon as practicable after the base construction. All bituminous surfacing shall be machine laid. Any exceptions must be approved by the ACTD. Bituminous surfacing shall be replaced to original pavement depth or to a minimum of six inches of bituminous mixture (2360), whichever is greater. Bituminous mixtures must be placed in lifts not exceeding three inches in thickness for base and binder courses and not exceeding two inches for the wear course.
- 8) All surface restoration regardless of size shall conform to existing grades.
- 9) Any unnecessary or negligent damage to bituminous surface in conjunction with the installation and/or repair of a utility shall be cut out and replaced in kind as directed by the ACTD.

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CONCRETE RESTORATION

- 1) Curb and gutter, sidewalks, and driveways shall be restored in accordance with MNDOT specifications 2531 and 2521.

UTILITY LINES

- 1) There shall be only a single pole line on the county right of way on either side of the center line thereof.
- 2) Exact locations of longitudinal installations on county highways shall be located as directed by the ACTD.

SECTION CORNER MONUMENTS

- 1) Utility locations shall not interfere with the location of any section, quarter, witness, or right of way monuments. For assistance in locations, contact the Anoka County Surveyor's Office.
- 2) The applicant shall be responsible for replacement of any existing property irons disturbed during construction.
- 3) The applicant shall notify the Anoka County Surveyor's Office three working days in advance of any anticipated disturbance of any section, quarter, witness, or right of way monuments.
- 4) Any monument disturbed during the course of construction, shall be reset by the Anoka County Surveyor's Office at the expense of the applicant.

ATTACHING TO BRIDGES/STRUCTURES

- 1) No utility is permitted to be hung from, or otherwise attached to, any bridge or structure without having detailed plans approved by the Anoka County Engineer. These plans are to show approaches to the structure, method of installation, type, and dimension of housing for the utility.

ADDITIONAL PROVISIONS

- 1) All subcontractors, installers, and crew shall possess a physical or electronic copy of all documents in relation to the approved permit prior to the commencement of work and be kept on site. This includes, but it not limited to the following:
 - a) Approved permit
 - b) Any/all traffic control plans and/or layouts
- 2) Shall notify Anoka County Permits at 763-324-3176 or highwaypermits@anokacountymn.gov
 - a) At least 36 hours prior to the commencement of work
 - b) With time frame of proposed of work
 - c) Anticipated traffic control
 - d) When work is complete - including restorations - to request a final inspection
- 3) No work during inclement weather or when plows are out in any capacity
- 4) All traffic control shall be in accordance with the most current version of the MnDOT Temporary Traffic Control Field Manual
- 5) For staking of right-of way or proposed infrastructure, contact Chris Osterhus at 763-324-3189 a minimum of 48 hours prior to the commencement of work.

INITIAL DS
CS



No additional comments.

LICENSE PLATE READER CAMERA INSTALLATION

CASE NUMBER: 498325

PERMITTING JURISDICTION:

ANOKA COUNTY

**STATE OF MINNESOTA
ANOKA COUNTY
ON BEHALF OF
BLAINE POLICE DEPARTMENT**

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CONTACT LIST

PERMITTING

MATT YANG
MATT.YANG@FLOCKSAFETY.COM

PROJECT MANAGER

DARIEN WATSON
DARIEN.WATSON@FLOCKSAFETY.COM

SEE APPROVED PERMIT FOR LISTED INSPECTOR*

BLAINE POLICE DEPARTMENT

10801 TOWN SQUARE DR NE,
MINNEAPOLIS, MN 55449

frock safety

1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

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REV	DATE	BY	DESCRIPTION
-	-	-	-
3	7/3/2024	TJB	REVISIONS
2	06/06/2024	RMD	JX COMMENTS
1	04/01/2024	MFR	PP UPDATE
0	01/31/2024	MSO	PRELIM

I HEREBY CERTIFY THIS DOCUMENT WAS PREPARED BY MYSELF OR UNDER MY DIRECT SUPERVISION THAT I AM A DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

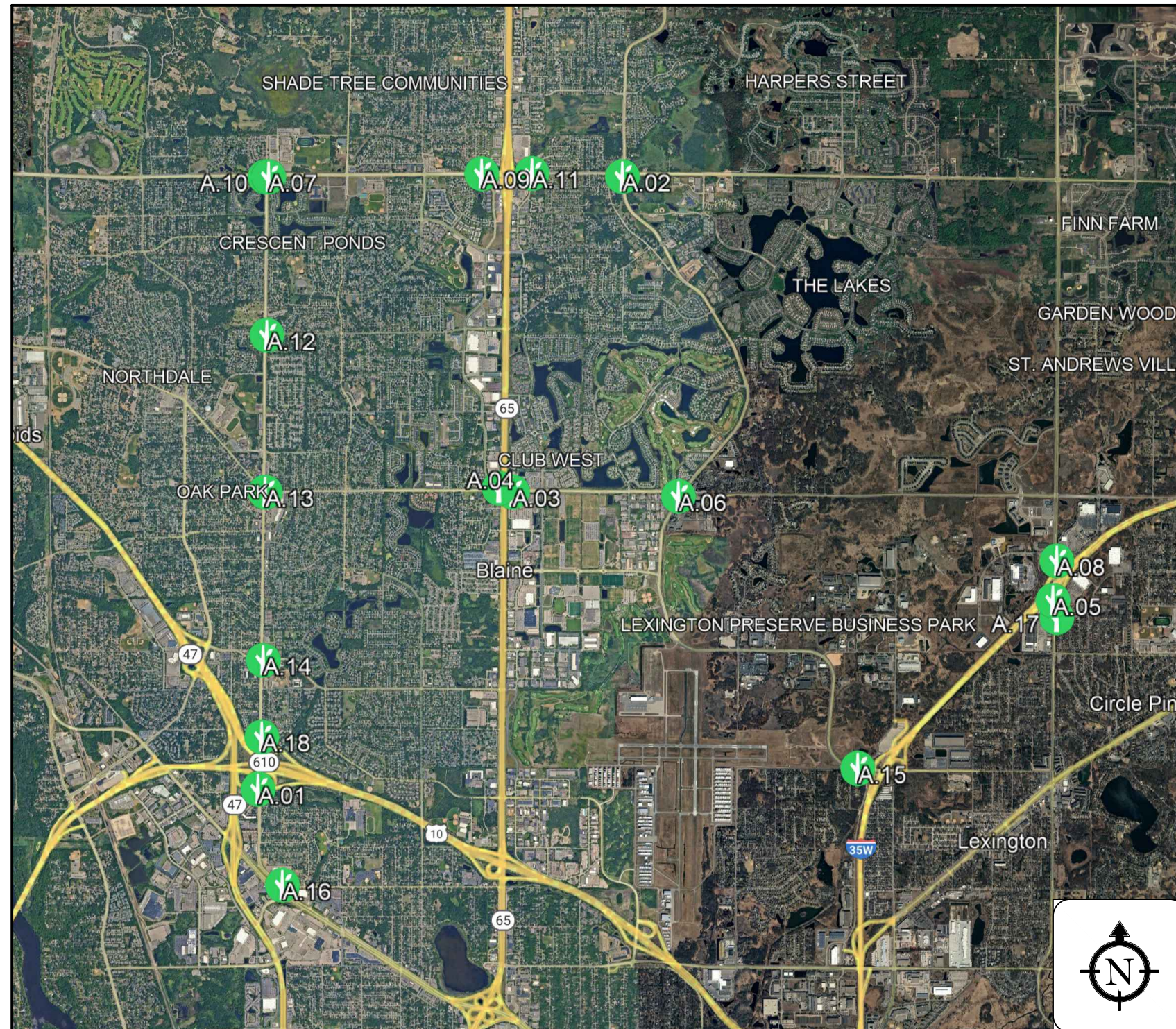
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LICENSE PLATE READER CAMERA
INSTALLATION

CASE NUMBER: 498325
PERMITTING JURISDICTION:
ANOKA COUNTY

COVER SHEET & LOCATION MAPS

SHEET: T.01	REV: 0
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**SAFETY IS IN YOUR HANDS.
EVERY DIG. EVERY TIME.**

LINETYPES

	RIGHT OF WAY
	EDGE OF PAVEMENT
	SIDEWALK
	CENTERLINE
	GAS
	WATER
	TELEPHONE
	ELECTRIC
	SANITARY SEWER (SEW)
	STORM DRAIN
	FENCE
	CABLE TV
	STEAM
	OIL
	UNKNOWN UTILITY
	RAILROAD

SYMBOLOLOGY

	CAMERA - EXISTING
	CAMERA - PROPOSED
	AUDIO DETECTION - EXISTING
	AUDIO DETECTION - PROPOSED
	POLE - PROPOSED
	POLE - EXISTING
	HANDHOLE - EXISTING
	HANDHOLE - PROPOSED
	PEDESTAL - EXISTING
	MANHOLE - EXISTING
	POINT OF INTEREST
	ACCESS POINT
	CULVERT - EXISTING
	FIRE HYDRANT - EXISTING
	WATER MAIN - EXISTING
	WATER VALVE - EXISTING
	GAS VALVE - EXISTING
	DOWN GUY AND ANCHOR
	OVERHEAD GUY
	BORING REQUIRED
	UG CONDUIT - EXISTING

ABBREVIATIONS:

ABAND	Abandoned	MAX	Maximum
APPROX	Approximate	MB	Mailbox
ASPH	Asphalt	MH	Manhole
BLDG	Building	MIN	Minimum
CL	Centerline	MIT	Mitigation
CMP	Corrugated Metal Pipe	MKR	Marker
CO	County	MMV	Meet Me Vault
CONC	Concrete	MON	Monument
CSG	Casing	MOT	Maintenance of Traffic
CT	Count	NO	Number
CULV	Culvert	OC	Open Cut
DB	Directional Bore	PRK MTR	Parking Meter
DBH	Diameter at Breast Height	P/L	Property Line
D.D.	Down Drain	PED	Pedestal
DEPT	Department	PI	Point of Inflection
DIA	Diameter	PKG	Package
DIR	Directional	PVC	Polyvinyl Chloride
DIST	District	RCB	Reinforced Concrete Box
DOC	Depth of Cover	RCP	Reinforced Concrete Pipe
DOT	Department of Transportation	RD MEM	Roadside Memorial
DWG	Drawing	REQD	Required
DWY	Driveway	RGS	Rigid Galvanized Steel
E MH	Electric Manhole	ROW	Right of Way
E MKR	Electric Line Marker	RR	Railroad
E PED	Electric Pedestal	SCB	Sprinkler Control Box
E VLT	Electric Vault	SD	Storm Drain/Curb Inlet
EM	Electric Meter	SDMH	Storm Water Manhole
ENC	Encased	SEC.	Section
ENG	Engineering	SF	Silt Fence
EOP	Edge of Pavement	SMH	Sanitary Sewer Manhole
EPB	Electric Pull Box	SPL	Splice
EXIST	Existing	SS CO	Sanitary Sewer Clean Out
FDH	Fiber Distribution Hub	SS LIFT	Sanitary Sewer Lift Station
FDT	Fiber Distribution Terminal	STA.	Station
FH	Fire Hydrant	STD	Standard
FO	Fiber Optic	STR	Section Township Range
FO MH	Fiber Optic Manhole	SWPPP	Storm Water Pollution Prevention Plan
FO MKR	Fiber Optic Line Marker	T HH	Telecom Handhole
FO VLT	Fiber Optic Vault	T MH	Telecom Manhole
FOC	Face of Curb	T MKR	Telecom Line Marker
FS	Filter Sock	T PED	Telecom Pedestal
G MH	Gas Manhole	T VLT	Telecom Access Vault
G MKR	Gas Line Marker	T.P.	Trench Plug
G SD	Grated Storm Drain	TCB	Traffic Control Box
GALV	Galvanized	TCE	Temporary Construction Easement
GEO SRV MKR	Geodetic Survey Marker	TCV	Traffic Control Vault
GM	Gas Meter	TRF MH	Traffic Control Manhole
GV	Gas Valve	TSP	Traffic Signal Light
GWMW	Groundwater Monitoring Well	TYP	Typical
HDPE	High Density Polyethylene	UG	Underground
HH	Handhole	UNK MH	Unknown Manhole
HWY	Highway	UNK PED	Unknown Pedestal
I.P.	Inlet Protection	UNK UTL MKR	Unknown Utility Marker
ILA	In Line Amplifier	UNK VLT	Unknown Vault
INC	Incorporated	UTL LP	Utility Light Pole
INT	Intermediate	UTL P	Utility Pole
L/A ROW	Limited Access Right of Way	VLT	Vault
LF	Linear Feet	VP	Gas Vent Pipe
LOC MKR	Locating Marker	W MH	Water Manhole
LP	Light Pole	W MKR	Water Line Marker
		W SPG	Water Spigot
		W VLT	Water Vault
		WM	Water Meter
		WV	Water Valve

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LICENSE PLATE READER CAMERA
INSTALLATION

CASE NUMBER: 498325
PERMITTING JURISDICTION:
ANOKA COUNTY

COVER SHEET & LOCATION MAPS	
SHEET: T.02	REV: 0

GENERAL & CONSTRUCTION NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH STATE AND LOCAL AGENCY SPECIFICATIONS UNLESS SPECIFICALLY STATED OR SHOWN OTHERWISE HEREIN.
2. ALL WORK SHALL CONFORM TO ALL APPLICABLE ELECTRICAL CODES EXCEPT WHEN STATE DEPARTMENT OF TRANSPORTATION AND LOCAL AGENCY STANDARDS SUPERSEDE.
3. CONTRACTOR SHALL ENSURE ALL PROPOSED EQUIPMENT INSTALLED IS IN ACCORDANCE WITH NESC REQUIREMENTS AND CLEARANCES.
4. ALL CONSTRUCTION AND/OR MAINTENANCE ON THE MINNESOTA DEPARTMENT OF TRANSPORTATION RIGHT OF WAY SHALL CONFORM TO THE FEDERAL MANUAL ON UNIFORM TRAFFIC DEVICES, THE MINNESOTA DEPARTMENT OF TRANSPORTATION ROADWAY AND TRAFFIC DESIGN STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, PLANS PREPARATION MANUAL AND DRAINAGE MANUAL.
5. THE PERMITTING AGENCY RESERVES THE RIGHT TO MAKE ADJUSTMENTS TO ANY PERMITTED METHODS OF INSTALLATION, SCOPE OF WORK AND RESTORATION THAT MAY BE REQUIRED TO POSITIVELY SUPPORT LIFE, SAFETY AND ENVIRONMENTAL WELL BEING OF ALL USERS OF THE TRANSPORTATION SYSTEM.
6. SHOULD A CONFLICT ARISE BETWEEN THE DETAILS SHOWN IN THE PLANS AND THE DEPARTMENT OF TRANSPORTATION STANDARDS, THE ENGINEER/PERMITTEE SHALL IMMEDIATELY CONFER WITH THE DEPARTMENT'S ENGINEER IN ORDER TO RESOLVE THE DISCREPANCY. IN NO CASE WILL ANYTHING LESS THAN THE DEPARTMENTS MINIMUM STANDARDS BE ALLOWED.
7. FLOCK SAFETY SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES 48 HOURS PRIOR TO CONSTRUCTION.
 - 7.1. INSTALLS INVOLVING FLOCK SAFETY PROVIDED POLES, A MINIMUM OF 2' SEPARATION SHALL BE MAINTAINED FROM ALL EXISTING UTILITIES AND STORM DRAIN STRUCTURES.
8. THE PERMITTED WORK SCHEDULE IS DEFINED AS MONDAY THROUGH FRIDAY 7:00AM TO 5:30PM UNLESS OTHERWISE NOTED WITHIN THE PERMIT. ANY WORK DESIRED OUTSIDE OF THIS PERIOD MUST BE REQUESTED IN ADVANCE AND APPROVED BEFORE WORKING THE ALTERNATE SCHEDULE.
9. FLOCK SAFETY SHALL BE RESPONSIBLE TO APPLY AND OBTAIN AN APPROVED TRAFFIC CONTROL PLAN IN ACCORDANCE WITH MUTCD AND LOCAL STANDARDS AS REQUIRED.
10. WORK INVOLVING TEMPORARY LANE CLOSURES ARE TO BE DONE BETWEEN THE HOURS OF 8:00AM AND 5:00PM. MONDAY THROUGH FRIDAY UNLESS OTHERWISE STATED BY THE DEPARTMENT OF TRANSPORTATION.
11. CONTRACTOR SHALL PROVIDE SAFE ACCESS PER CURRENT GENERAL STANDARDS FOR ALL PEDESTRIAN TRAFFIC REGULATIONS ON ALL EXCAVATIONS OPENED IN THE TRAFFIC ZONE CONTROL AREA.
12. NO PEDESTRIAN PATHWAY IS TO BE REMOVED, BLOCKED, OR DISTURBED WITHOUT HAVING A SUFFICIENT DESIGNATED TEMPORARY PEDESTRIAN PATHWAY WITH ALL APPROPRIATE PEDESTRIAN MAINTENANCE OF TRAFFIC SIGNS IN PLACE PRIOR TO PATHWAY BEING AFFECTED.
 - 12.1. ALL TEMPORARY PEDESTRIAN PATHWAYS MUST BE FIRM AND UNYIELDING.
13. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTY IN THE VICINITY OF THE CONSTRUCTION.
14. NO WORK SHALL BE PERFORMED DURING THE WEEKS OF ANY STATE OR FEDERAL HOLIDAYS UNLESS OTHERWISE APPROVED BY THE MINNESOTA DEPARTMENT OF TRANSPORTATION.
15. ALL WORK ZONES ARE TO BE SET UP AND MAINTAINED BY SOMEONE WHO HAS THE MINNESOTA DEPARTMENT OF TRANSPORTATION INTERMEDIATE TRAFFIC CONTROL LEVEL TRAINING OR EQUIVALENT.
16. THE PERMITTING AGENCY RETAINS THE RIGHT TO MAKE ALTERATIONS TO THE PERMIT, ATTACHED SKETCH OR CHARACTER OF WORK AS MAY BE CONSIDERED NECESSARY OR DESIRABLE DURING THE PROGRESS OF THE WORK FOR SATISFACTORY COMPLETION OF THE PROPOSED CONSTRUCTION.
17. THE PERMITTEE SHALL NOTIFY THE PERMITTING AGENCY OF DATE OF COMPLETION, REQUEST A FINAL INSPECTION AND A NOTICE OF FINAL ACCEPTANCE.
18. IF THE PROPOSED CANNOT BE INSTALLED PER THE APPROVED PERMITTED PLAN AND BY GENERAL SPECIFICATIONS, A REVISED PLAN MUST BE PROVIDED TO THE DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO THE INSTALLATION OF PRODUCTS OR MATERIALS AT THE GIVEN LOCATIONS WHERE CONFLICTS OCCUR.
19. CONTRACTOR SHALL RESTORE RIGHT-OF-WAY TO EQUAL OR BETTER CONDITION UPON COMPLETION OF WORK AND TO THE SATISFACTION OF THE STATE DEPARTMENT OF TRANSPORTATION AND LOCAL AGENCY AT NO ADDITIONAL COMPENSATION.
 - 19.1. RESTORATION MAY INCLUDE BUT IS NOT LIMITED TO GRADING AND SODDING IN ANY DISTURBED AREA.
 - 19.2. ANY SIDEWALK DISTURBED WILL BE REPLACED BY SECTION WITHIN 72 HOURS TO THE STATE DEPARTMENT OF TRANSPORTATION SPECIFICATIONS.
20. IT WILL BE THE RESPONSIBILITY OF THE PERMITTEE TO REPAIR ANY DAMAGE TO GENERAL FACILITIES AND/OR PRIVATE PROPERTY CAUSED BY CONSTRUCTION OF THE PROJECT.
21. ALL ROADWAY PAVEMENT, CURBS, GUTTERS AND STORM WATER COLLECTORS WILL BE KEPT FREE OF MUD AND OTHER DEBRIS AT ALL TIMES DURING CONSTRUCTION.
22. NO STOCKPILING, STORING OR SEMI PERMANENT USE OF THE RIGHT OF WAY IS AUTHORIZED UNLESS SPECIFICALLY IDENTIFIED WITHIN THE PERMIT.
23. THE CONTRACTOR SHALL HAVE AN AUTHORIZED PERSON AVAILABLE AT/OR NEAR THE WORK SITE TO ADDRESS EMERGENCY ISSUES ASSOCIATED WITH THE PROJECT.

ADA COMPLIANCE NOTES:

1. ALL SIDEWALK CONSTRUCTION SHALL BE IN ACCORDANCE WITH ADA TITLE II AND ALL STATE DEPARTMENT OF TRANSPORTATION AND LOCAL STANDARDS. USE STATE DEPARTMENT OF TRANSPORTATION CURRENT EDITION STANDARDS FOR PEDESTRIAN CONTROL PLANS FOR CLOSURE OF SIDEWALK.
2. MINIMUM SIDEWALK CLEAR PEDESTRIAN ACCESS ROUTE (PAR) IS 48" WIDE.
3. NO OBSTRUCTION IS PERMITTED ALONG THE WIDTH OF THE SIDEWALK UP TO 7'-0" IN HEIGHT.

DRAWINGS

1. THE WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE FOLLOWING ATTACHED DRAWINGS THAT ARE HEREBY MADE A PART OF THE STATEMENT OF WORK, BY THIS REFERENCE.

SPECIFICATIONS

1. THE WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE SPECIFICATIONS CONTAINED IN THAT CERTAIN "MASTER AGREEMENT, OUTSIDE PLANT MAINTENANCE CONSTRUCTION SERVICES," PROVIDED THAT SUCH AN AGREEMENT EXISTS BETWEEN FLOCK SAFETY AND CONTRACTOR. IN THE ABSENCE OF SUCH AN AGREEMENT, THE SPECIFICATIONS CONTAINED IN AN AGREEMENT TO BE EXECUTED BY THE PARTIES PRIOR TO THE COMMENCEMENT OF WORK SHALL GOVERN.

MATERIALS

1. INSTALLER SHALL RECEIVE FLOCK SAFETY MATERIALS AT A FLOCK SAFETY LEASED WAREHOUSE FACILITY OR AT THE LOCAL TSO LOCATED AT (CONTACT 24 HOURS IN ADVANCE): 1170 HOWELL MILL RD NW, ATLANTA, GA 30318.
 - 1.1. ALL UNUSED AND REQUESTED SALVAGED MATERIAL TO BE RETURNED TO SAME ADDRESS.
2. THE RECEIPT OF ALL MATERIALS SHALL BE CONSTRUED AS CONCLUSIVE EVIDENCE THAT THE CONTRACTOR HAS MADE ALL NECESSARY EXAMINATION AND INSPECTIONS, AND IS SATISFIED AS TO THE QUALITY AND QUANTITY OF MATERIALS RECEIVED.
3. ANY AND ALL MATERIALS THAT MAY BECOME LOST, STOLEN OR DAMAGED SHALL BE REPLACED BY THE CONTRACTOR AT HIS SOLE EXPENSE, AND ANY DELAY INCURRED SHALL NOT BE CAUSE FOR AN EXTENSION IN TIME

SAFETY AND PRECAUTIONS

1. ALL PERSONNEL ARE REQUIRED TO ABIDE BY ALL RULES AND REGULATIONS SET FORTH IN THE FLOCK SAFETY REQUIREMENTS, RAILROAD SAFETY CODE AND GOVERNING JURISDICTION.
2. THE WORK UNDER THIS INSTALLATION WILL BE CONSTRUCTED ALONG RIGHTS OF WAY THAT MAY CONTAIN EXISTING AND OPERATIONAL UTILITIES. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR LOCATING EXISTING UTILITIES AND FOR COMPLIANCE WITH THE REQUIREMENTS OF ANY STATEWIDE AND/OR LOCAL AREA IN ADVANCE OF ANY EXCAVATION, BORING OR PLACING WORK AND THE CONTRACTOR SHALL LOCATE AND EXPOSE BY HAND ALL EXISTING SUBSURFACE PLANT. ANY DAMAGE CAUSED BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT HIS SOLE EXPENSE AND ANY DELAY INCURRED SHALL NOT BE CAUSE FOR AN EXTENSION IN THE TIME OF THE CONTRACT.
3. INSTALLER SHALL BE RESPONSIBLE FOR THE PROTECTION AND MAINTENANCE OF PUBLIC AND PRIVATE PROPERTIES. INSTALLER SHALL PROTECT, SHORE, BRACE, SUPPORT AND MAINTAIN ALL UNDERGROUND PIPES, CONDUITS, DRAINS AND OTHER SUBSURFACE STRUCTURES UNCOVERED OR OTHERWISE AFFECTED BY THE WORK.
4. INSTALLER SHALL BE RESPONSIBLE FOR ALL DAMAGE TO STREETS, ROADS, HIGHWAYS, SHOULDERS, DITCHES, EMBANKMENTS, CULVERTS, BRIDGES OR OTHER PUBLIC OR PRIVATE PROPERTY OR FACILITY, REGARDLESS OF LOCATION OR CHARACTER, WHICH MAY BE CAUSED BY THE WORK, OR BY MOVING, HAULING, OR OTHERWISE TRANSPORTING EQUIPMENT, MATERIALS OR WORKERS TO OR FROM WORK OR ANY SITE THEREOF, WHETHER BY THE CONTRACTOR OR SUBCONTRACTORS.

STAKING AND SCHEDULING

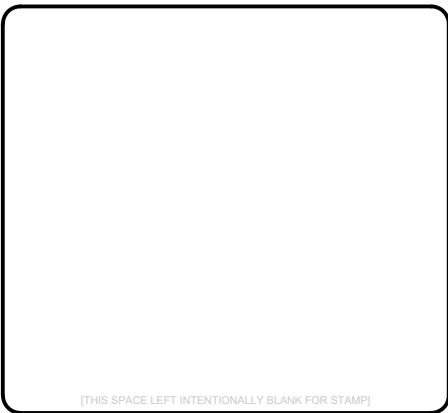
1. ALL STAKING WILL BE PROVIDED BY FLOCK SAFETY. REQUIRED RIGHT OF WAY CLEARING SHALL BE COMPLETED PRIOR TO STAKING; THEREFORE, THE INSTALLER SHALL COORDINATE ALL CLEARING AND PLACING OPERATIONS WITH THE FLOCK SAFETY PROJECT SUPERVISOR TO AVOID DELAYS AND INTERFERENCE.
2. FLOCK SAFETY WILL PROVIDE RAILROAD, FLAGMEN AND SIGNALMEN AS REQUIRED; HOWEVER, THE CONTRACTOR SHALL BE REQUIRED TO COORDINATE ITS NEEDS FOR SUCH SIGNALMEN AND FLAGMEN WITH FLOCK SAFETY.
3. IN ADDITION TO THE SCHEDULING REQUIREMENTS IN THE GENERAL PROVISIONS, UPON REQUEST THE CONTRACTOR SHALL ALSO SUBMIT TO THE FLOCK SAFETY PROJECT SUPERVISOR, DAILY CREW ASSIGNMENT REPORTS SPECIFYING CREW AND CREW COMPOSITION AND WORK LOCATION.

PERMITS

1. FLOCK SAFETY HAS OBTAINED OR WILL OBTAIN PERMITS FROM DEPARTMENTS AND/OR AGENCIES OF CITIES, COUNTIES, STATES, FEDERAL GOVERNMENT, RAILROAD OR OTHER ENTITIES, WHICH PROVIDE FOR THE PLACING OF PIPES AND/OR CABLE UNDER DITCH, TRACKS AND ROADS AND PLACING PIPES AND/OR CABLE ALONG AND WITHIN PUBLIC OR PRIVATE ROAD RIGHTS OF WAY AND RAILROAD RIGHTS.
2. CONTRACTOR SHALL OBTAIN ADDITIONAL PERMITS, IF REQUIRED, FOR EQUIPMENT ACCESS OR MOVEMENT ON PUBLIC ROADS AND RAILROADS. COPIES OF SUCH PERMITS SHALL BE FURNISHED TO FLOCK SAFETY. ALL TRAFFIC CONTROL, IF APPLICABLE, SHALL BE IN ACCORDANCE WITH LOCAL, STATE, COUNTY, OR PERMITTING AGENCY LAWS, REGULATIONS, AND REQUIREMENTS, AND WILL BE THE CONTRACTOR'S RESPONSIBILITY. TRAFFIC CONTROL PLANS PROVIDED BY CURRENT MINNESOTA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS.

SCOPE OF WORK

1. THIS PROJECT SHALL CONSIST OF THE FOLLOWING OPERATIONS: THE WORK PACKAGE IS FOR THE INSTALLATION OF FLOCK SAFETY ALPR CAMERAS WHICH INCLUDES BUT IS NOT LIMITED TO: FLOCK SAFETY PROVIDED POLES, POLE MOUNTED SOLAR PANELS, AND EXTERNAL BATTERY PACKAGES.

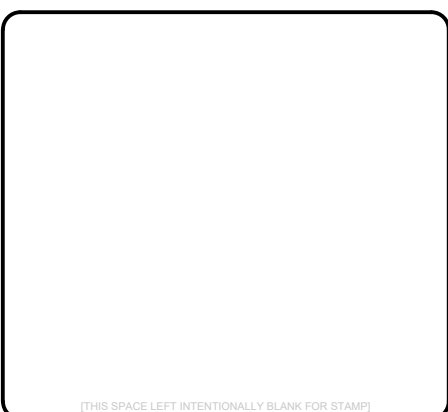


BLAINE POLICE DEPARTMENT
10801 TOWN SQUARE DR NE,
MINNEAPOLIS, MN 55449



REV	DATE	BY	DESCRIPTION
-	-	-	-
3	7/3/2024	TJB	REVISIONS
2	06/06/2024	RMD	JX COMMENTS
1	04/01/2024	MFR	PP UPDATE
0	01/31/2024	MSO	PRELIM

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LICENSE PLATE READER CAMERA
INSTALLATION
CASE NUMBER: 498325
PERMITTING JURISDICTION:
ANOKA COUNTY

COVER SHEET & LOCATION MAPS	
SHEET: GN.01	REV: 0

LOCATION DATA

SHEET	Name	Latitude	Longitude	Nearest Address	Product	Pole	External Battery
A.01	#01 University Ave @94th SB	45.1407897454229	-93.2669873882010	10 94th Circle NW, Minneapolis, MN 55448, United States	Falcon	X2 Redi Torque - Soil Plate	Penguin Pack
A.02	#03 Radisson @Main - SB	45.1969499847889	-93.2195921516104	12431 Radisson Rd NE, Blaine, MN 55449, United States	Falcon	Existing Traffic Signal Pole	Penguin Pack
A.03	#06 109th @Hwy 65 EB	45.1680476783002	-93.2339374911108	1430 109th Ave NE, Blaine, MN 55449, USA	Falcon	X2 Redi Torque - Soil Plate	N/A
A.04	#07 109th @Central Ave WB	45.1683841052951	-93.2356675155320	1384 109th Ave NE, Blaine, MN 55434, United States	Falcon	X2 Redi Torque - Soil Plate	N/A
A.05	#12 Lexington @35WSB	45.1580771381409	-93.1635374056486	10345 Lexington Ave N, Blaine, MN 55014, United States	Falcon	X2 Redi Torque - Soil Plate	N/A
A.06	#13 Radisson @108th Ln - SB	45.1676480884074	-93.2122974250049	2308 109th Ave NE, Blaine, MN 55449, United States	Falcon	Existing Traffic Signal Pole	Penguin Pack
A.07	#15 Main @University - EB	45.1969146053703	-93.2656668093014	100 Main St NE, Blaine, MN 55434, United States	Falcon	Existing Traffic Signal Pole	Penguin Pack
A.08	#17 Pheasant Ridge Dr @Lexington DRNB	45.1617133546922	-93.1630327016952	4202 Pheasant Ridge Dr NE, Blaine, MN 55449, USA	Falcon	X2 Redi Torque - Soil Plate	N/A
A.09	#18 125th @Ulysses St WB	45.1972080569340	-93.2379392473526	12452 Johnson St NE, Blaine, MN 55434, United States	Falcon	Existing Traffic Signal Pole	Penguin Pack
A.10	#19 University @Main SB	45.1969208836829	-93.2661425064686	106 Main St NW, Coon Rapids, MN 55448, United States	Falcon	Existing Traffic Signal Pole	Penguin Pack
A.11	#20 125th @Aberdeen EB	45.1972416507510	-93.2313715101205	12499 Aberdeen St NE, Blaine, MN 55304-6916, United States	Falcon	Existing Traffic Signal Pole	Penguin Pack
A.12	#21 117th Ave @University Ave EB	45.1824318295281	-93.2658732443694	11694 3rd St NE, Minneapolis, MN 55434-1887, United States	Falcon	Existing Traffic Signal Pole	Penguin Pack
A.13	#22 109th Ave @University Ave - EB	45.1680286619892	-93.2660852429794	10901 University Ave NE, Blaine, MN 55434, United States	Falcon	Existing Traffic Signal Pole	Penguin Pack
A.14	#23 101st Ave @University EB	45.1525917037243	-93.2663357735500	10041 University Ave NE, Blaine, MN 55434-8013, United States	Falcon	Existing Traffic Signal Pole	Penguin Pack
A.15	#24 95th @35VWB	45.1426929307129	-93.1889220916633	3207 95th Ave NE, Blaine, MN 55449, United States	Falcon	X2 Redi Torque - Soil Plate	N/A
A.16	#25 University @89th NB	45.1319940735113	-93.2638176621441	115 89th Ave NE, Minneapolis, MN 55434, USA	Falcon	X2 Redi Torque - Soil Plate	N/A
A.17	#26 Ball @Lexington EB	45.1565049913734	-93.1630431048051	4222 Ball Rd NE, Blaine, MN 55014, United States	Falcon	Existing Traffic Signal Pole	Penguin Pack
A.18	#27 University Ave @Hwy 10 NB	45.1455624537620	-93.2665063769532	80 96th Ln NE, Blaine, MN 55434, USA	Falcon	X2 Redi Torque - Soil Plate	N/A

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BLAINE POLICE DEPARTMENT
10801 TOWN SQUARE DR NE,
MINNEAPOLIS, MN 55449

frock safety
1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
-	-	-	-
3	7/3/2024	TJB	REVISIONS
2	06/06/2024	RMD	JX COMMENTS
1	04/01/2024	MFR	PP UPDATE
0	01/31/2024	MSO	PRELIM

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LICENSE PLATE READER CAMERA
INSTALLATION
CASE NUMBER: 498325
PERMITTING JURISDICTION:
ANOKA COUNTY

COVER SHEET & LOCATION MAPS	
SHEET: GN.02	REV: 0

PROPOSED FLOCK EQUIPMENT ON PROPOSED REDI-TORQUE POLE

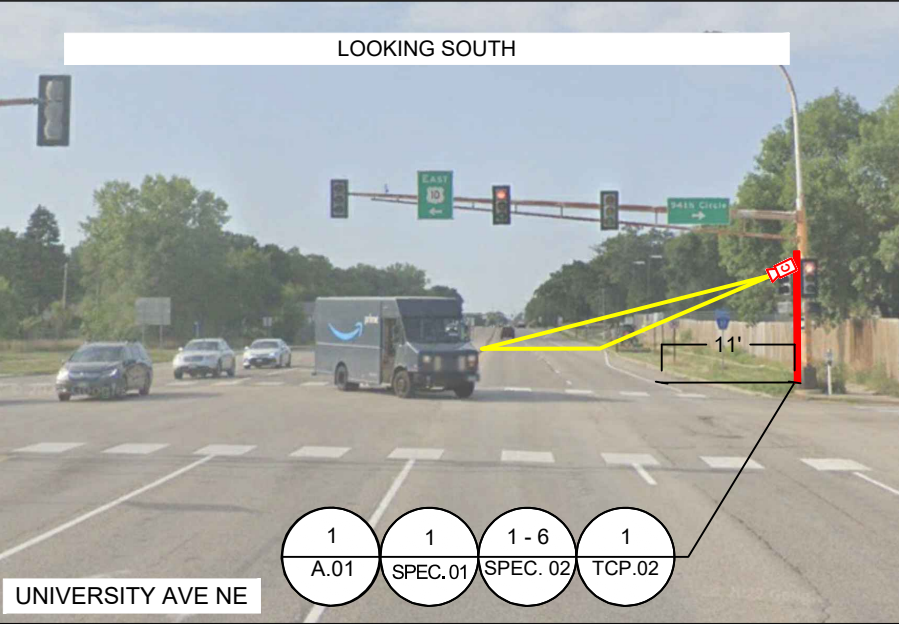
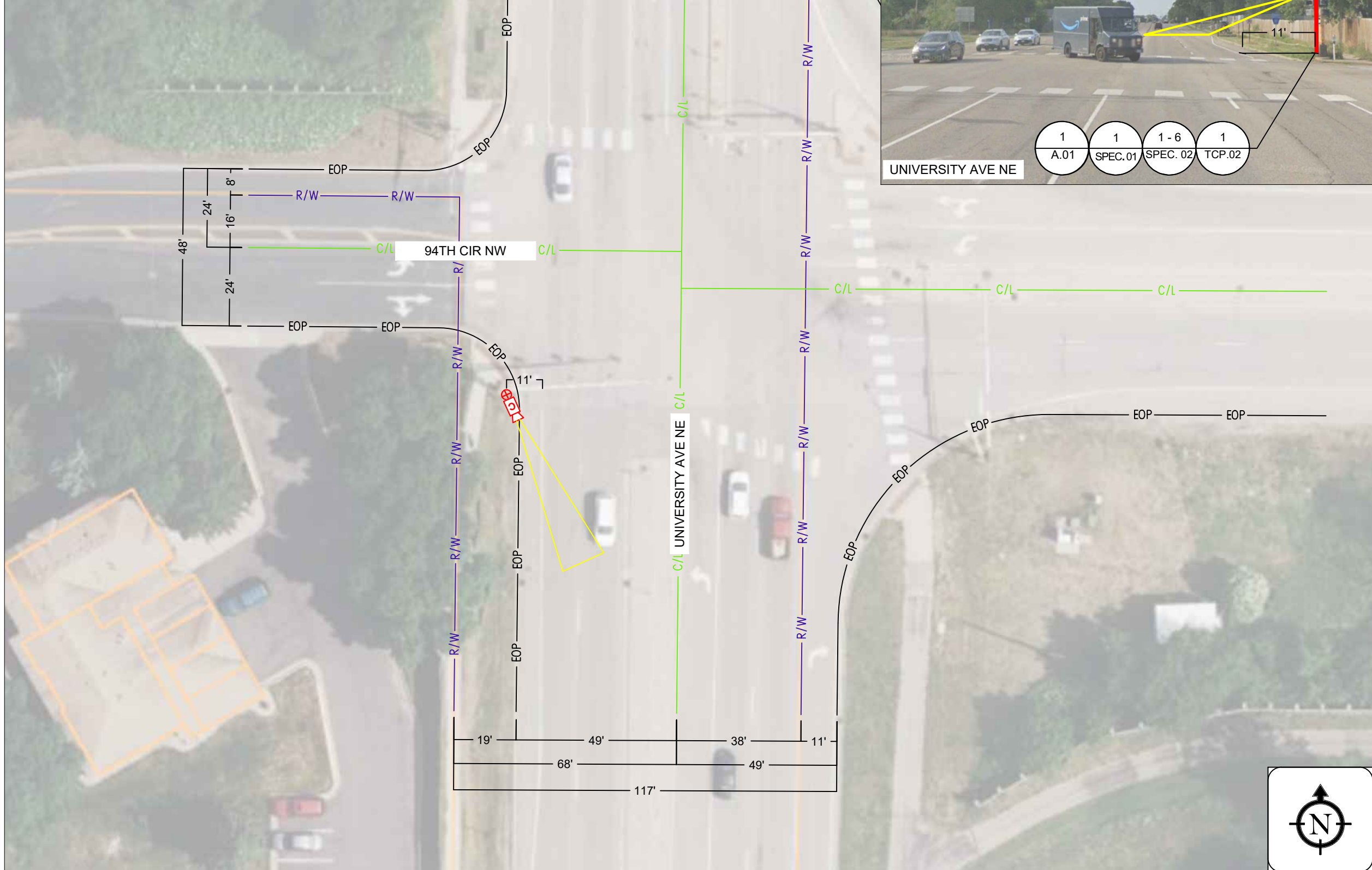
#01 UNIVERSITY AVE @ 94TH SB

45.14081460939575,-93.26697452378033

11' FROM FOG LINE

*REFERENCE TYPICAL DETAIL ON SHEET SPEC.01

1



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BLAINE POLICE DEPARTMENT
10801 TOWN SQUARE DR NE,
MINNEAPOLIS, MN 55449

frock safety
1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
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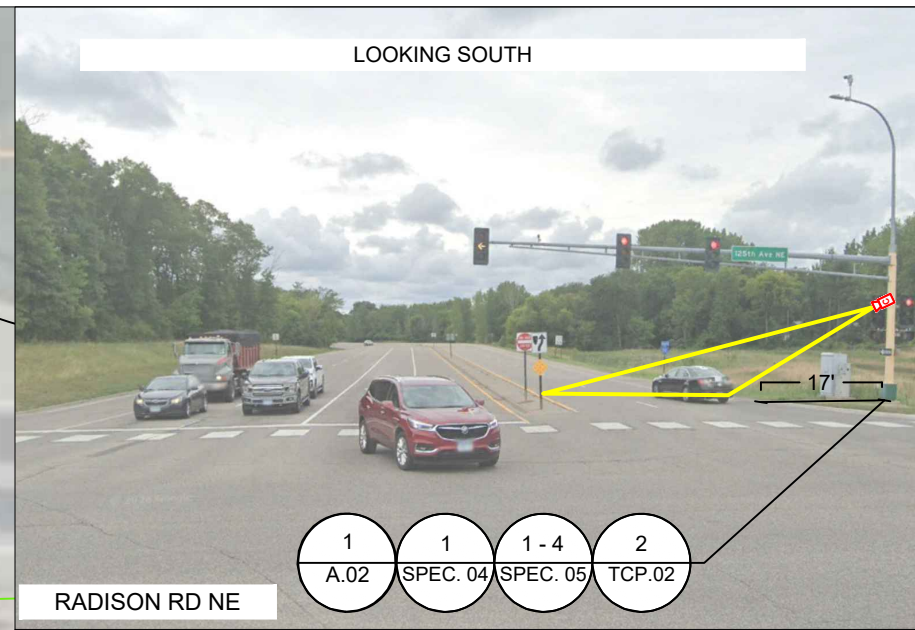
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LICENSE PLATE READER CAMERA
INSTALLATION
CASE NUMBER: 498325
PERMITTING JURISDICTION:
ANOKA COUNTY

COVER SHEET & LOCATION MAPS	
SHEET: A.01	REV: 0

PROPOSED FLOCK EQUIPMENT ON EXISTING TRAFFIC CONTROL SIGNAL
 #03 RADISSON @ MAIN SB
 45.19694998478895,-93.21959215161043
 17' FROM EDGE OF PAVEMENT
 *REFERENCE TYPICAL DETAIL ON SHEET SPEC.04

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BLAINE POLICE DEPARTMENT
 10801 TOWN SQUARE DR NE,
 MINNEAPOLIS, MN 55449

frock safety
 1170 HOWELL MILL ROAD SUITE 210
 ATLANTA, GA 30318

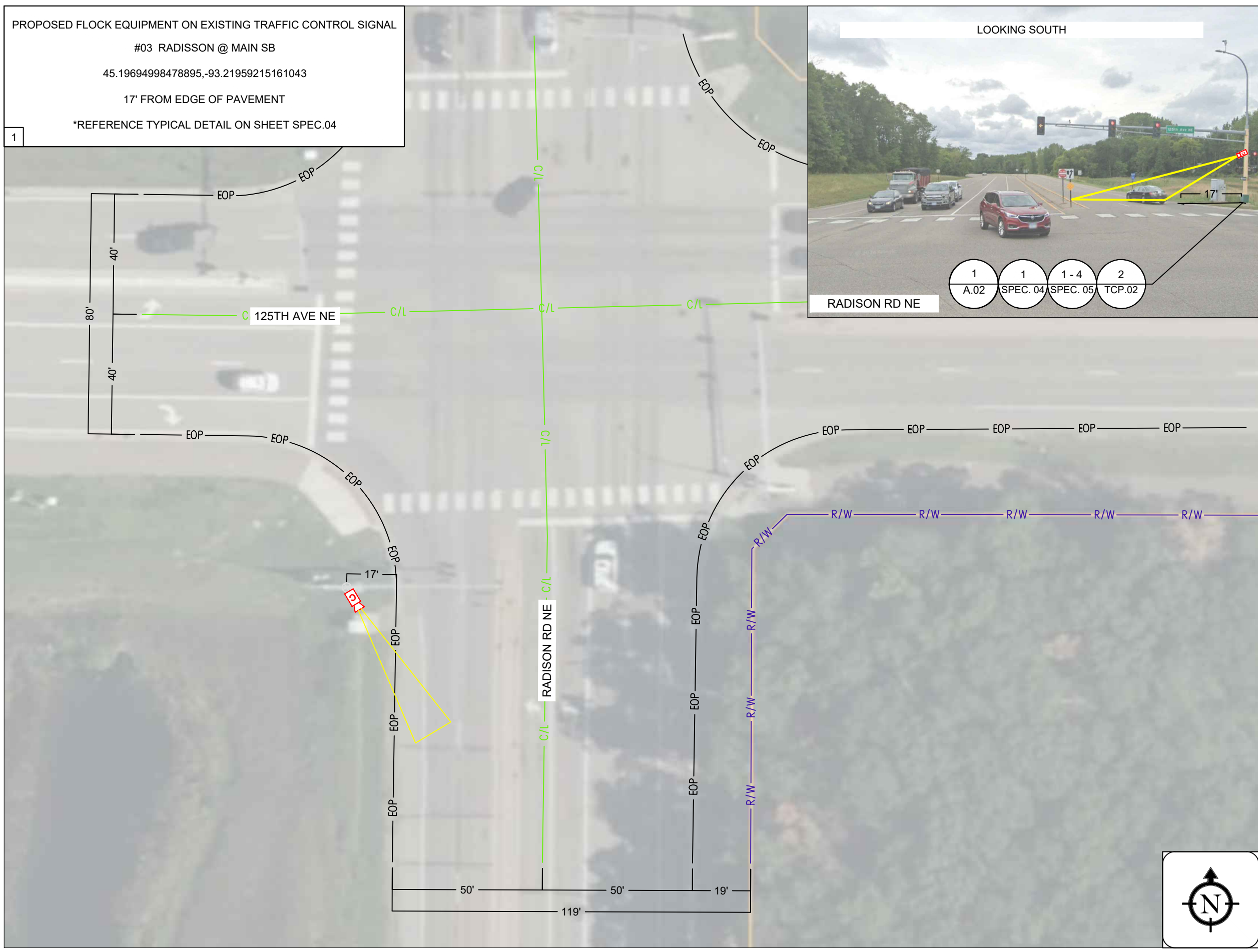
REV	DATE	BY	DESCRIPTION
-	-	-	-
3	7/3/2024	TJB	REVISIONS
2	06/06/2024	RMD	JX COMMENTS
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LICENSE PLATE READER CAMERA
 INSTALLATION
 CASE NUMBER: 498325
 PERMITTING JURISDICTION:
 ANOKA COUNTY

COVER SHEET & LOCATION MAPS	
SHEET: A.02	REV: 0



PROPOSED FLOCK EQUIPMENT ON PROPOSED REDI-TORQUE POLE

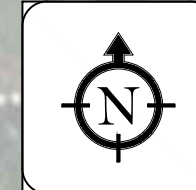
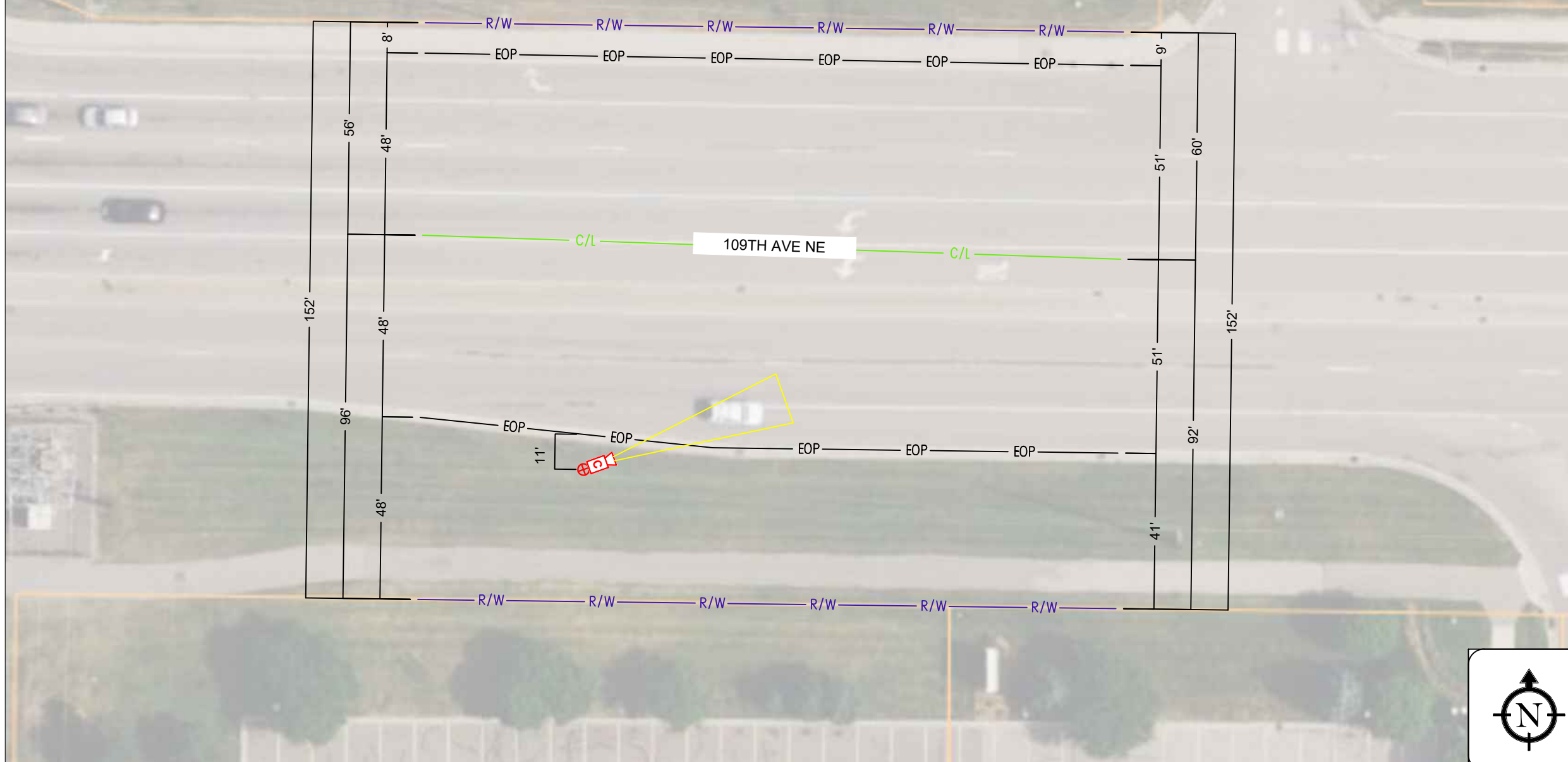
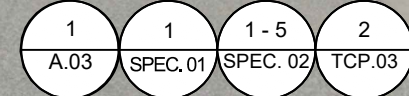
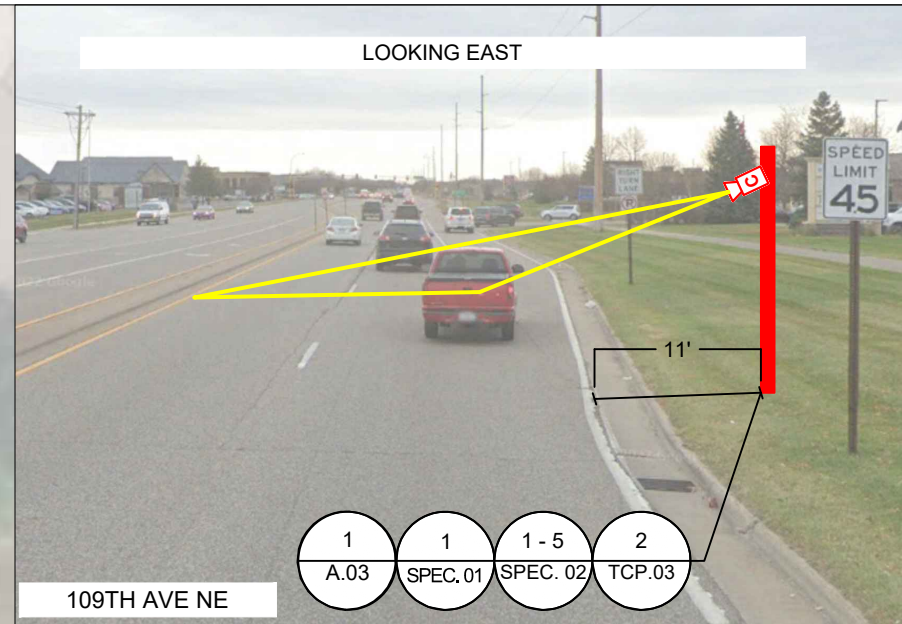
#06 109TH @ HWY 65 EB

45.16804767830028, -93.23393749111085

11' FROM EDGE OF PAVEMENT

*REFERENCE TYPICAL DETAIL ON SHEET SPEC.01

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BLAINE POLICE DEPARTMENT
10801 TOWN SQUARE DR NE,
MINNEAPOLIS, MN 55449

flock safety

1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
-	-	-	-
3	7/3/2024	TJB	REVISIONS
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LICENSE PLATE READER CAMERA
INSTALLATION
CASE NUMBER: 498325
PERMITTING JURISDICTION:
ANOKA COUNTY

COVER SHEET & LOCATION MAPS

SHEET: A.03	REV: 0
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PROPOSED FLOCK EQUIPMENT ON PROPOSED REDI-TORQUE POLE

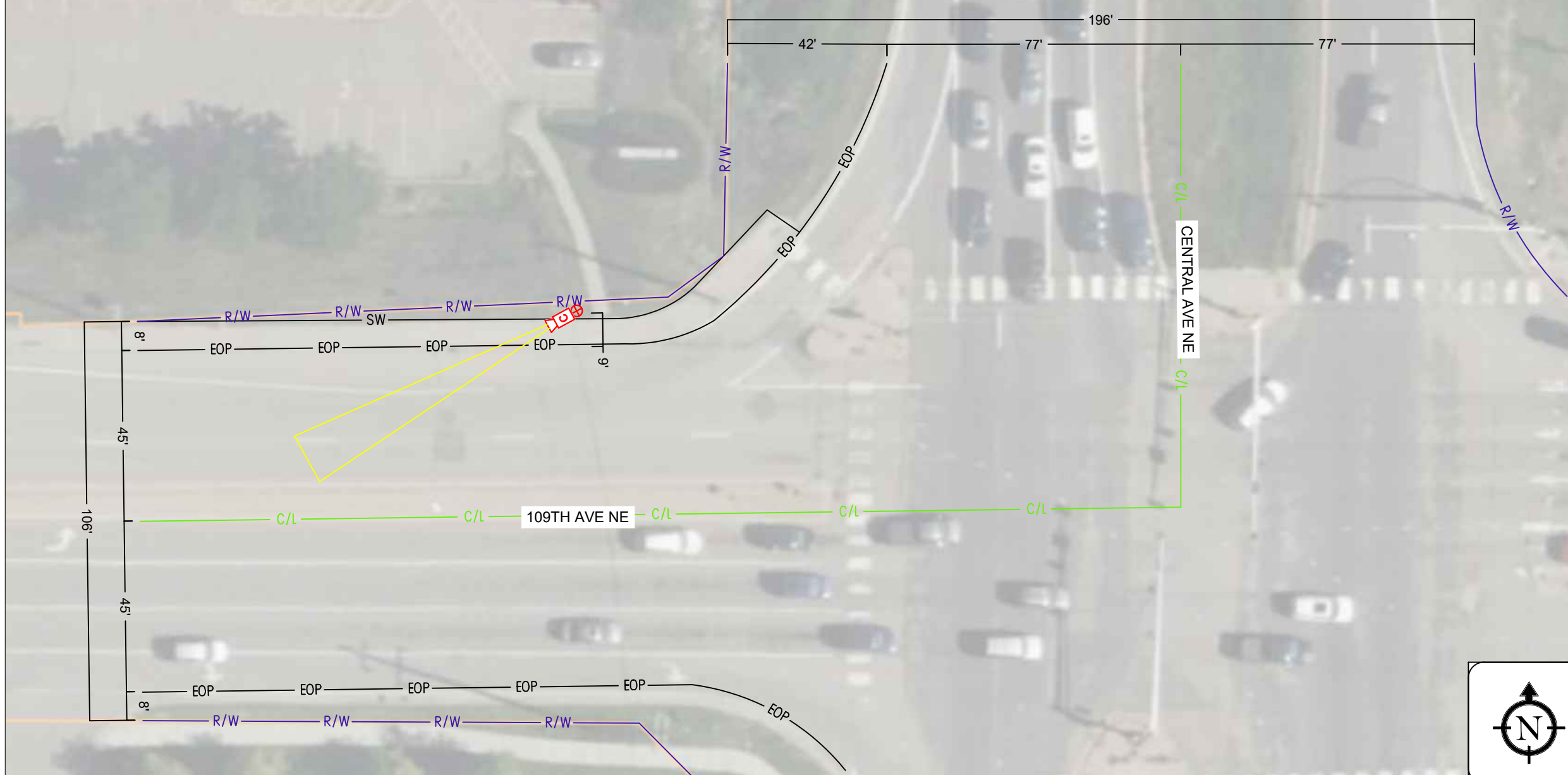
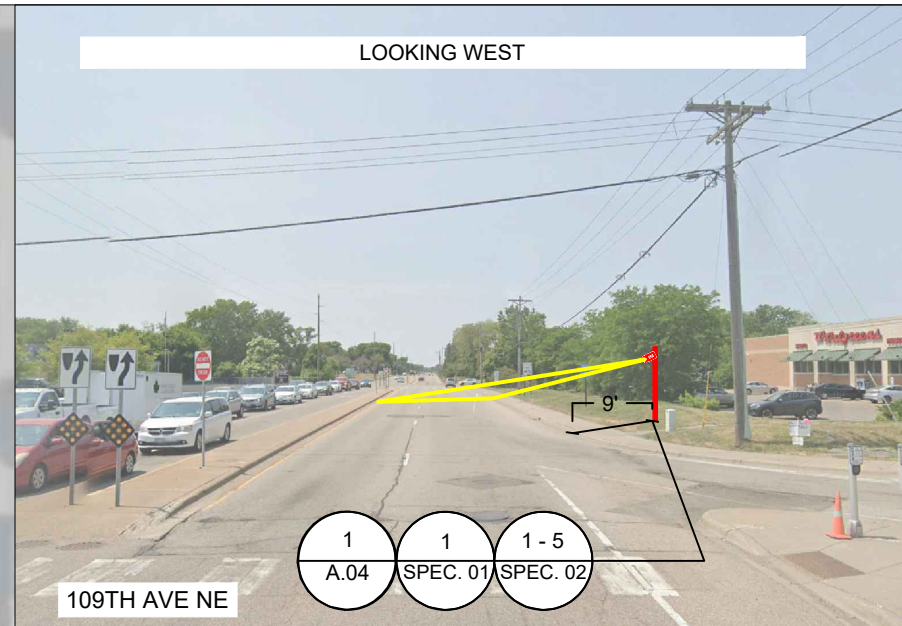
#07 109TH @ CENTRAL AVE WB

45.16838410529514,-93.23566751553209

9' FROM EDGE OF PAVEMENT

*REFERENCE TYPICAL DETAIL ON SHEET SPEC.01

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BLAINE POLICE DEPARTMENT
10801 TOWN SQUARE DR NE,
MINNEAPOLIS, MN 55449

flock safety
1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
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LICENSE PLATE READER CAMERA
INSTALLATION
CASE NUMBER: 498325
PERMITTING JURISDICTION:
ANOKA COUNTY

COVER SHEET & LOCATION MAPS	
SHEET: A.04	REV: 0

PROPOSED FLOCK EQUIPMENT ON PROPOSED REDI-TORQUE POLE

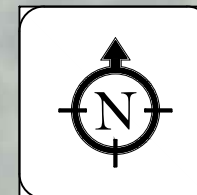
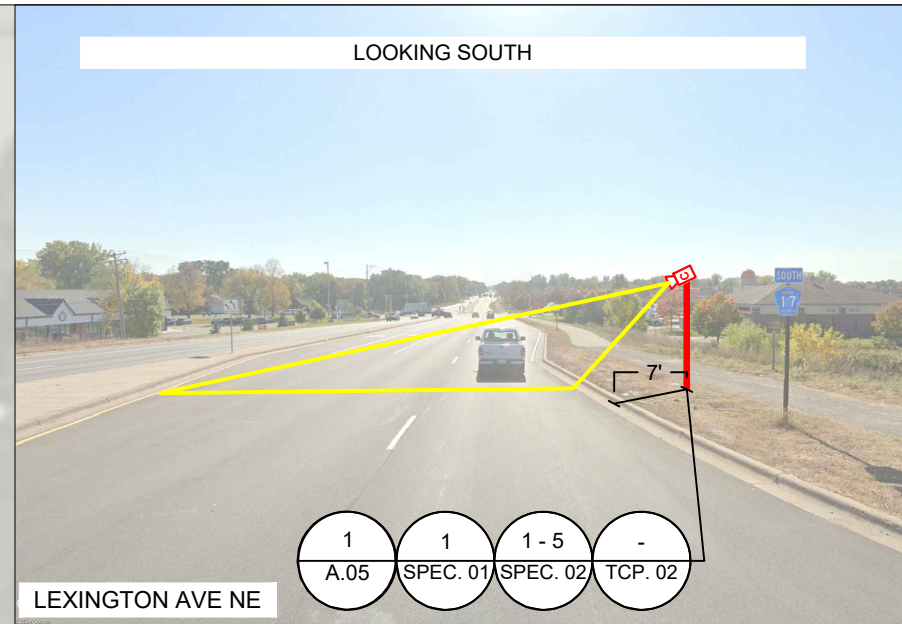
#12 LEXINGTON @ 35W SB

45.158077138140975,-93.1635374056486

7' FROM EDGE OF PAVEMENT

*REFERENCE TYPICAL DETAIL ON SHEET SPEC.01

1



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BLAINE POLICE DEPARTMENT

10801 TOWN SQUARE DR NE,
MINNEAPOLIS, MN 55449

flock safety

1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
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LICENSE PLATE READER CAMERA
INSTALLATION

CASE NUMBER: 498325
PERMITTING JURISDICTION:
ANOKA COUNTY

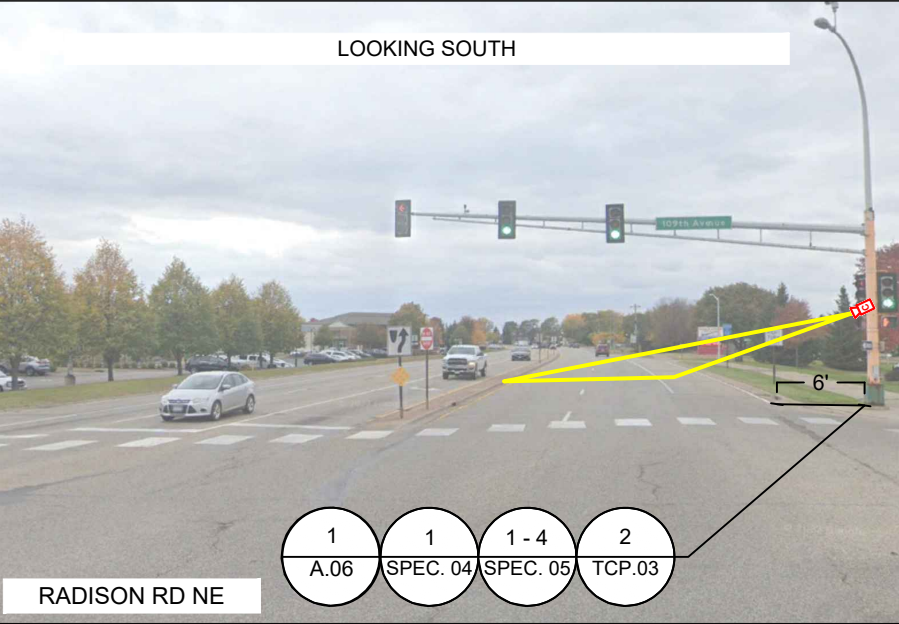
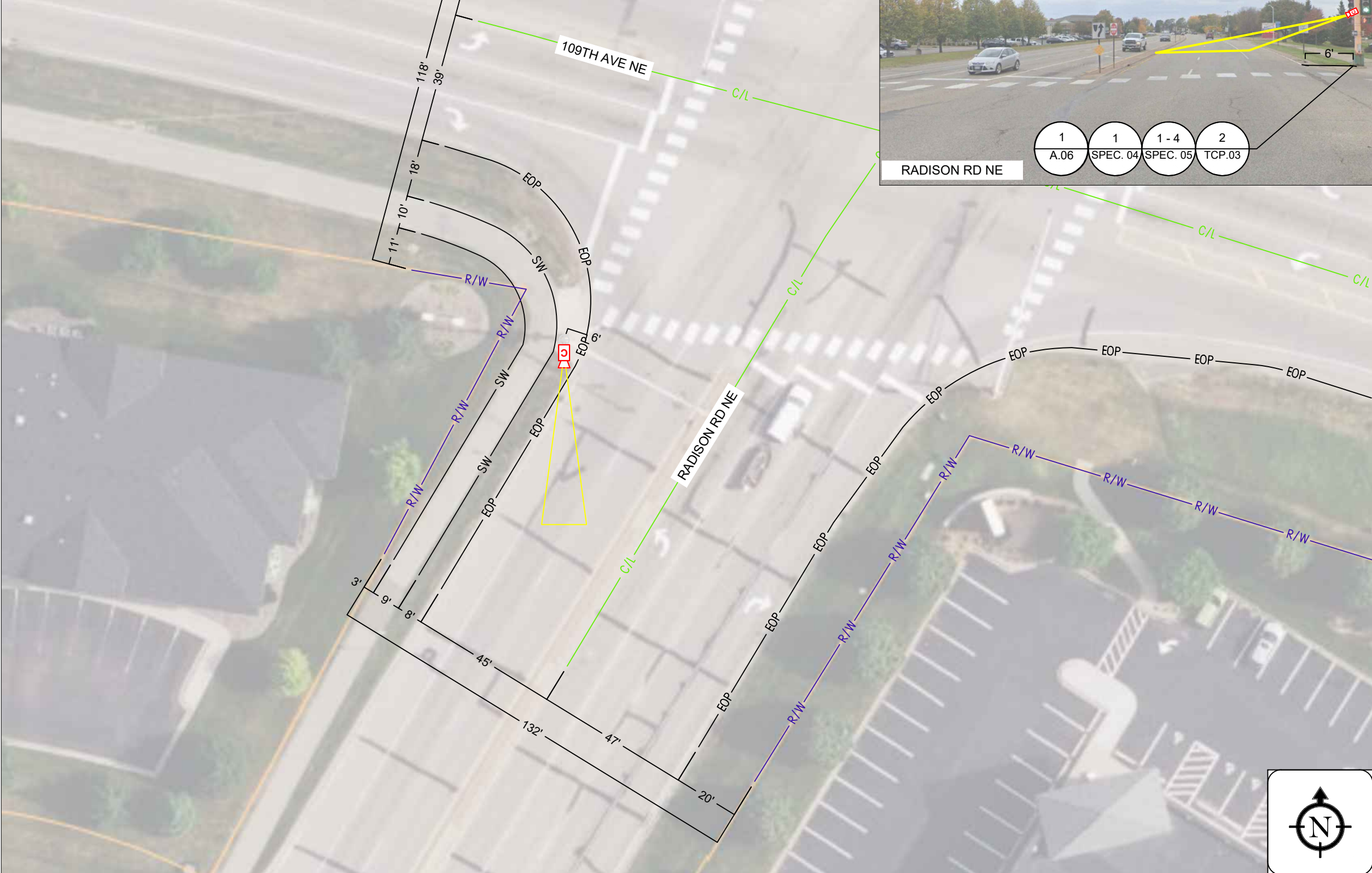
COVER SHEET & LOCATION MAPS

SHEET:
A.05

REV:
0

PROPOSED FLOCK EQUIPMENT ON EXISTING TRAFFIC CONTROL SIGNAL
 #13 RADISSON @ 108TH LN - SB
 45.16764808840744, -93.21229742500492
 6' FROM EDGE OF PAVEMENT
 *REFERENCE TYPICAL DETAIL ON SHEET SPEC.04

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BLAINE POLICE DEPARTMENT
 10801 TOWN SQUARE DR NE,
 MINNEAPOLIS, MN 55449

flock safety
 1170 HOWELL MILL ROAD SUITE 210
 ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
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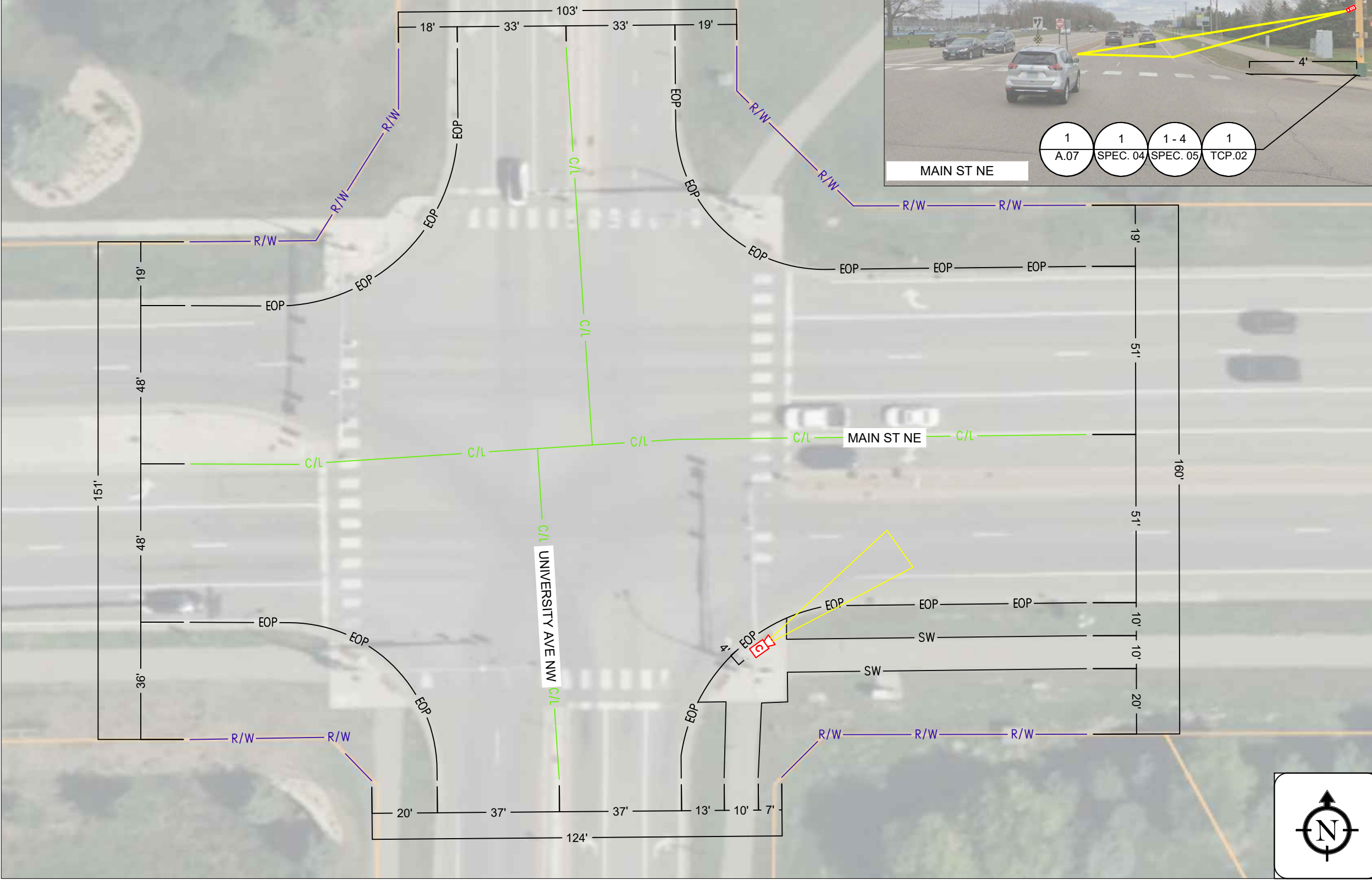
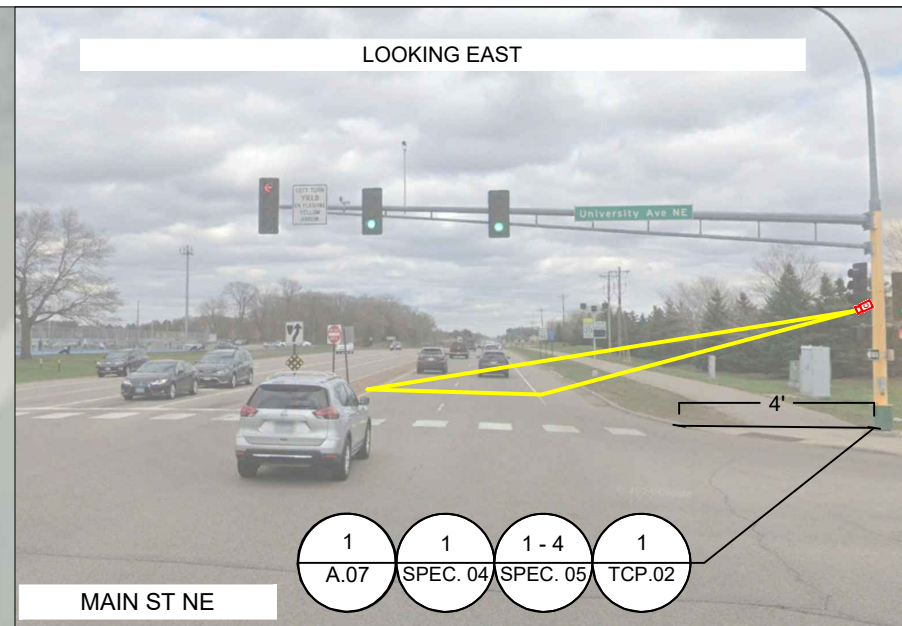
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LICENSE PLATE READER CAMERA
 INSTALLATION
 CASE NUMBER: 498325
 PERMITTING JURISDICTION:
 ANOKA COUNTY

COVER SHEET & LOCATION MAPS	
SHEET: A.06	REV: 0

PROPOSED FLOCK EQUIPMENT ON EXISTING TRAFFIC CONTROL SIGNAL
 #15 MAIN @ UNIVERSITY EB
 45.19691460537032,-93.26566680930142
 4' FROM EDGE OF PAVEMENT
 *REFERENCE TYPICAL DETAIL ON SHEET SPEC.04

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BLAINE POLICE DEPARTMENT
 10801 TOWN SQUARE DR NE,
 MINNEAPOLIS, MN 55449

flock safety
 1170 HOWELL MILL ROAD SUITE 210
 ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
-	-	-	-
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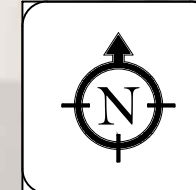
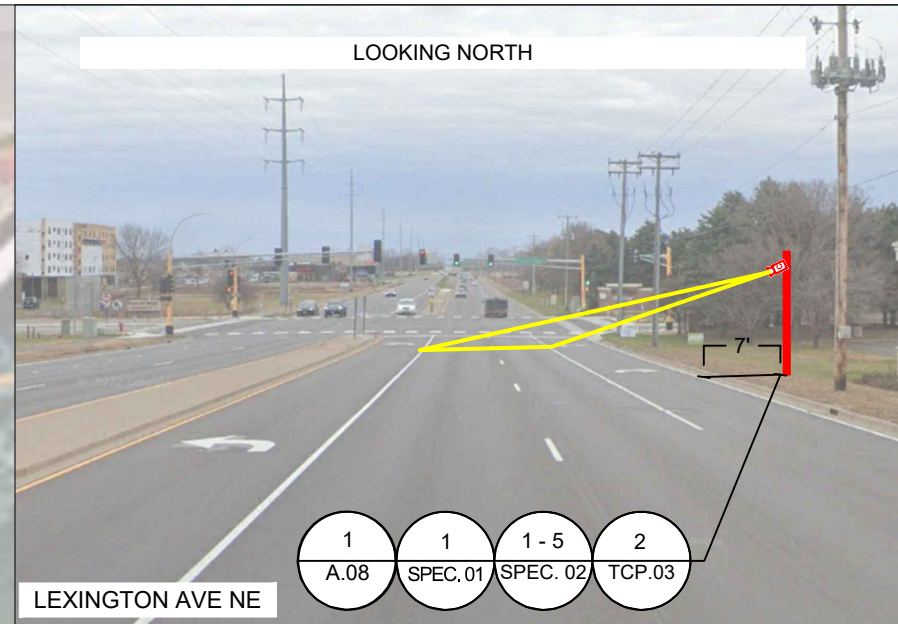
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LICENSE PLATE READER CAMERA
 INSTALLATION
 CASE NUMBER: 498325
 PERMITTING JURISDICTION:
 ANOKA COUNTY

COVER SHEET & LOCATION MAPS	
SHEET: A.07	REV: 0

PROPOSED FLOCK EQUIPMENT ON PROPOSED REDI-TORQUE POLE
 #17 PHEASANT RIDGE DR @ LEXINGTON DR EB
 45.161713354692274,-93.16303270169524
 7' FROM EDGE OF PAVEMENT
 *REFERENCE TYPICAL DETAIL ON SHEET SPEC.01

1



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BLAINE POLICE DEPARTMENT
 10801 TOWN SQUARE DR NE,
 MINNEAPOLIS, MN 55449

frock safety
 1170 HOWELL MILL ROAD SUITE 210
 ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
-	-	-	-
3	7/3/2024	TJB	REVISIONS
2	06/06/2024	RMD	JX COMMENTS
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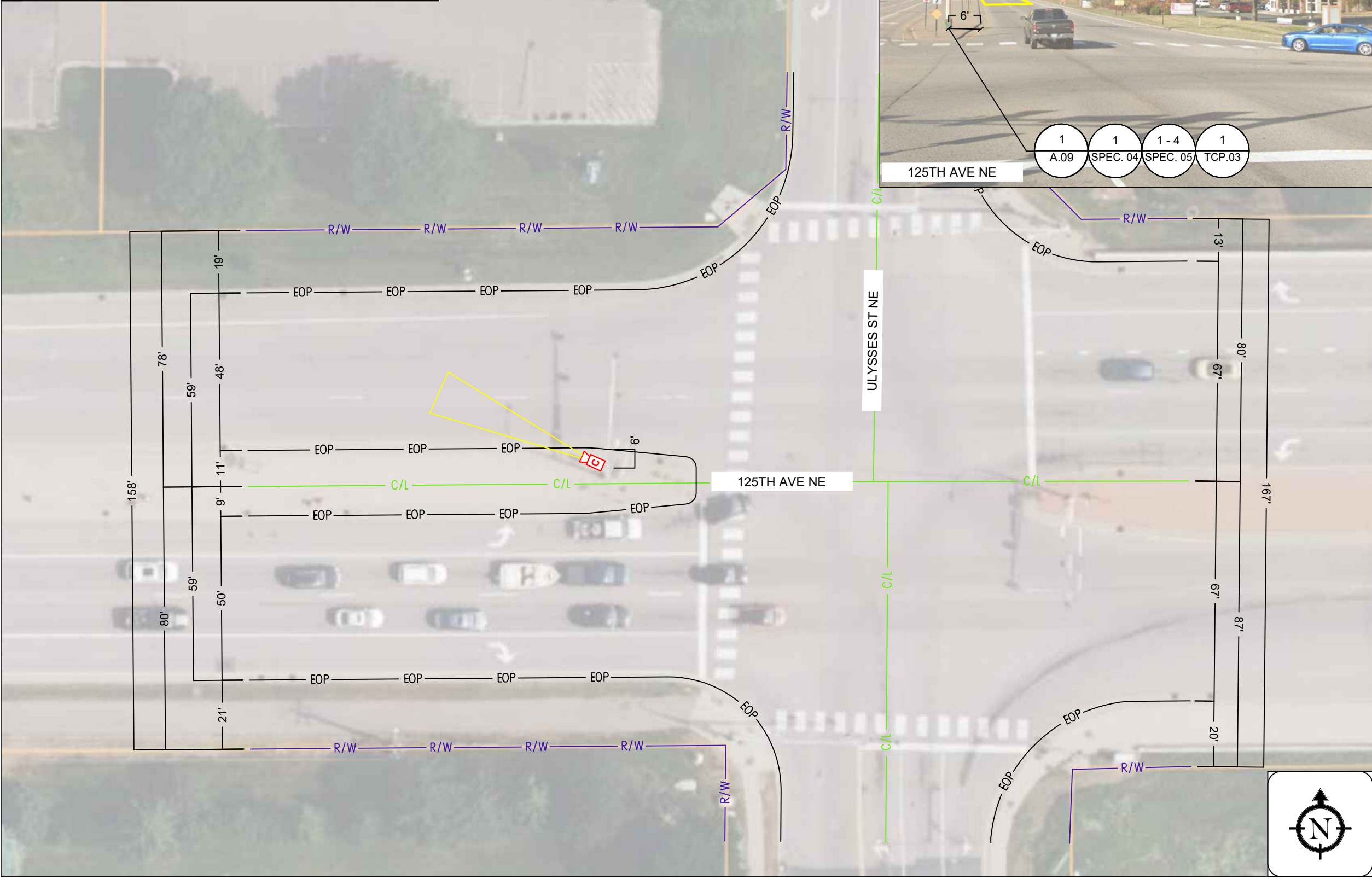
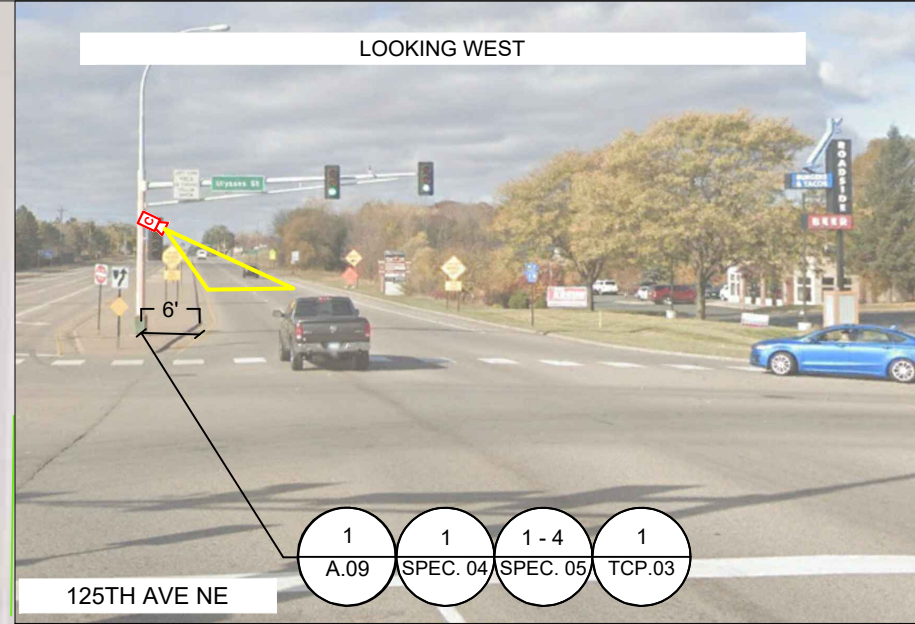
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LICENSE PLATE READER CAMERA
 INSTALLATION
 CASE NUMBER: 498325
 PERMITTING JURISDICTION:
 ANOKA COUNTY

COVER SHEET & LOCATION MAPS	
SHEET: A.08	REV: 0

PROPOSED FLOCK EQUIPMENT ON EXISTING TRAFFIC CONTROL SIGNAL
 #18 125TH @ ULYSSES ST WB
 45.19720805693405,-93.23793924735267
 6' FROM EDGE OF PAVEMENT
 *REFERENCE TYPICAL DETAIL ON SHEET SPEC.04

1



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BLAINE POLICE DEPARTMENT
 10801 TOWN SQUARE DR NE,
 MINNEAPOLIS, MN 55449

flock safety
 1170 HOWELL MILL ROAD SUITE 210
 ATLANTA, GA 30318

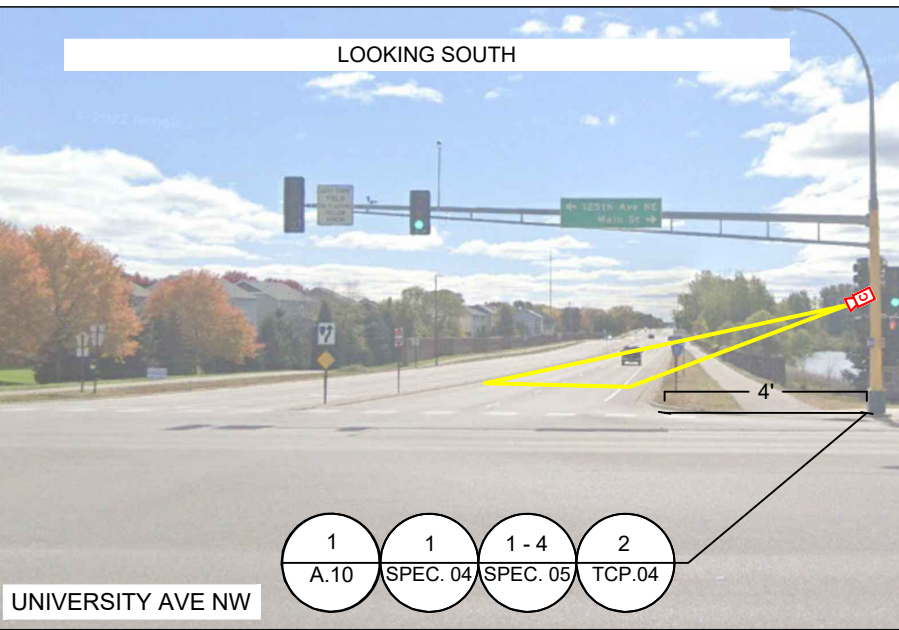
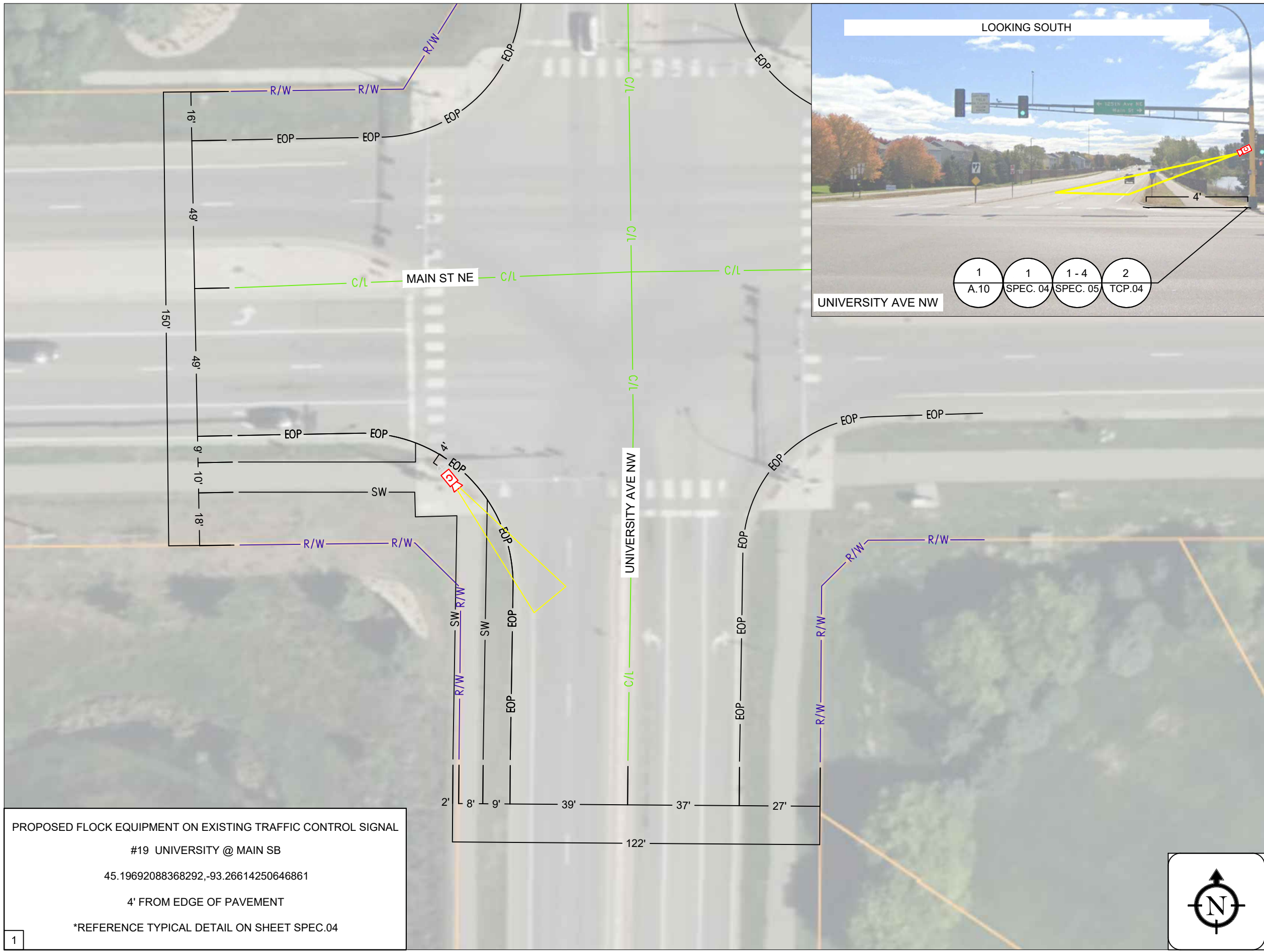
REV	DATE	BY	DESCRIPTION
-	-	-	-
3	7/3/2024	TJB	REVISIONS
2	06/06/2024	RMD	JX COMMENTS
1	04/01/2024	MFR	PP UPDATE
0	01/31/2024	MSO	PRELIM

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LICENSE PLATE READER CAMERA
 INSTALLATION
 CASE NUMBER: 498325
 PERMITTING JURISDICTION:
 ANOKA COUNTY

COVER SHEET & LOCATION MAPS	
SHEET: A.09	REV: 0



PROPOSED FLOCK EQUIPMENT ON EXISTING TRAFFIC CONTROL SIGNAL
 #19 UNIVERSITY @ MAIN SB
 45.19692088368292,-93.26614250646861
 4' FROM EDGE OF PAVEMENT
 *REFERENCE TYPICAL DETAIL ON SHEET SPEC.04

1

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BLAINE POLICE DEPARTMENT
 10801 TOWN SQUARE DR NE,
 MINNEAPOLIS, MN 55449

frock safety
 1170 HOWELL MILL ROAD SUITE 210
 ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
-	-	-	-
3	7/3/2024	TJB	REVISIONS
2	06/06/2024	RMD	JX COMMENTS
1	04/01/2024	MFR	PP UPDATE
0	01/31/2024	MSO	PRELIM

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LICENSE PLATE READER CAMERA
 INSTALLATION
 CASE NUMBER: 498325
 PERMITTING JURISDICTION:
 ANOKA COUNTY

COVER SHEET & LOCATION MAPS	
SHEET: A.10	REV: 0

PROPOSED FLOCK EQUIPMENT ON EXISTING TRAFFIC CONTROL SIGNAL

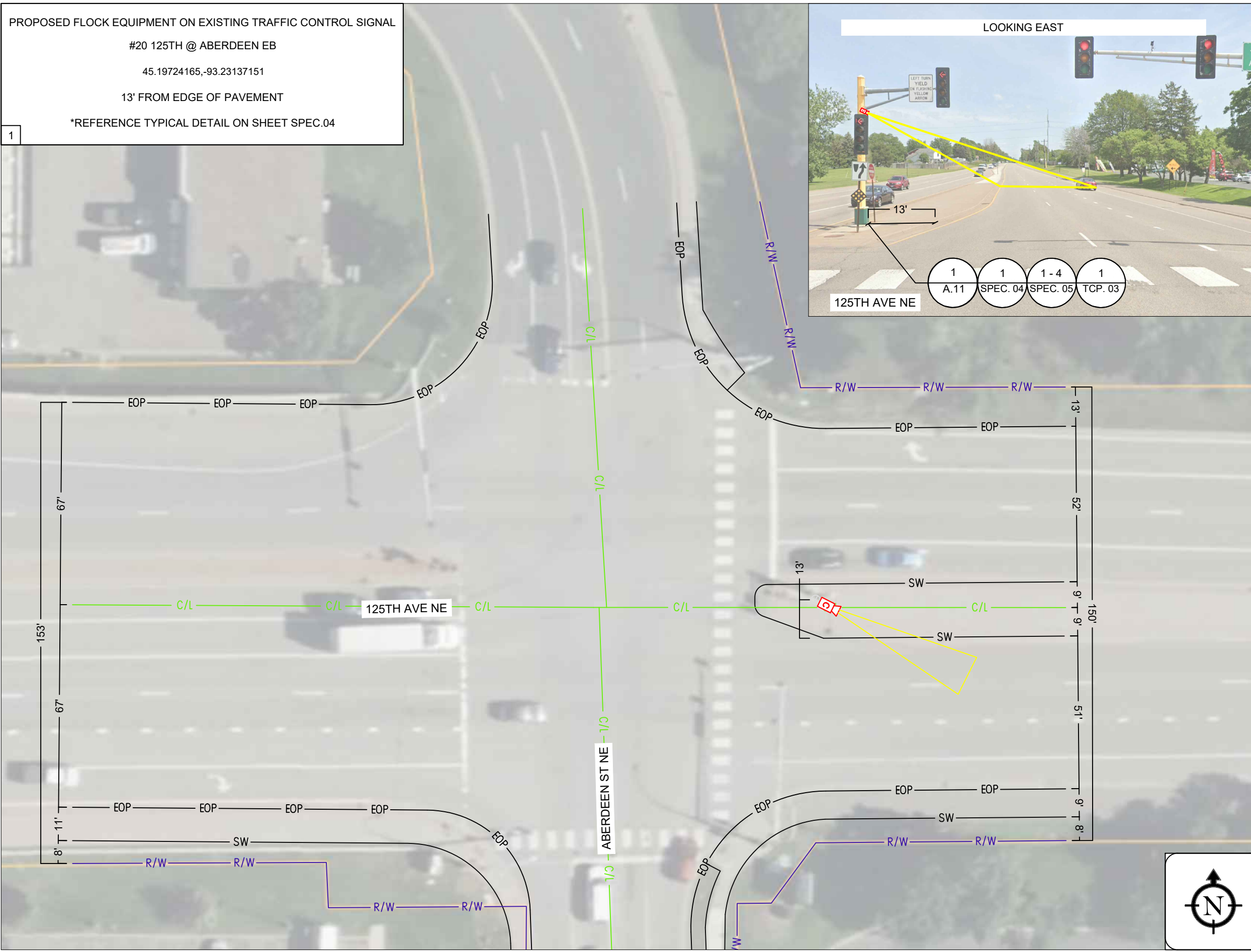
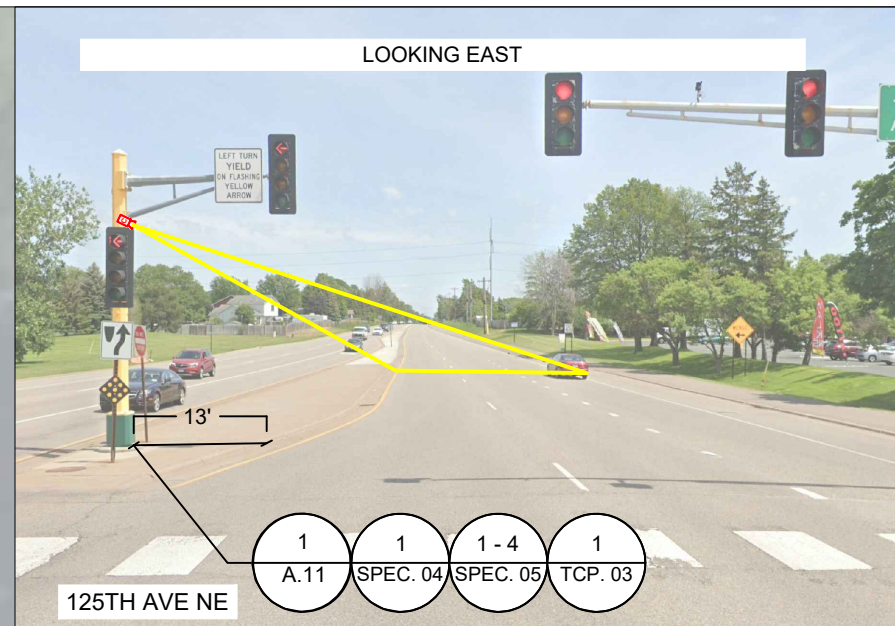
#20 125TH @ ABERDEEN EB

45.19724165,-93.23137151

13' FROM EDGE OF PAVEMENT

*REFERENCE TYPICAL DETAIL ON SHEET SPEC.04

1



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BLAINE POLICE DEPARTMENT

10801 TOWN SQUARE DR NE,
MINNEAPOLIS, MN 55449

flock safety

1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
-	-	-	-
3	7/3/2024	TJB	REVISIONS
2	06/06/2024	RMD	JX COMMENTS
1	04/01/2024	MFR	PP UPDATE
0	01/31/2024	MSO	PRELIM

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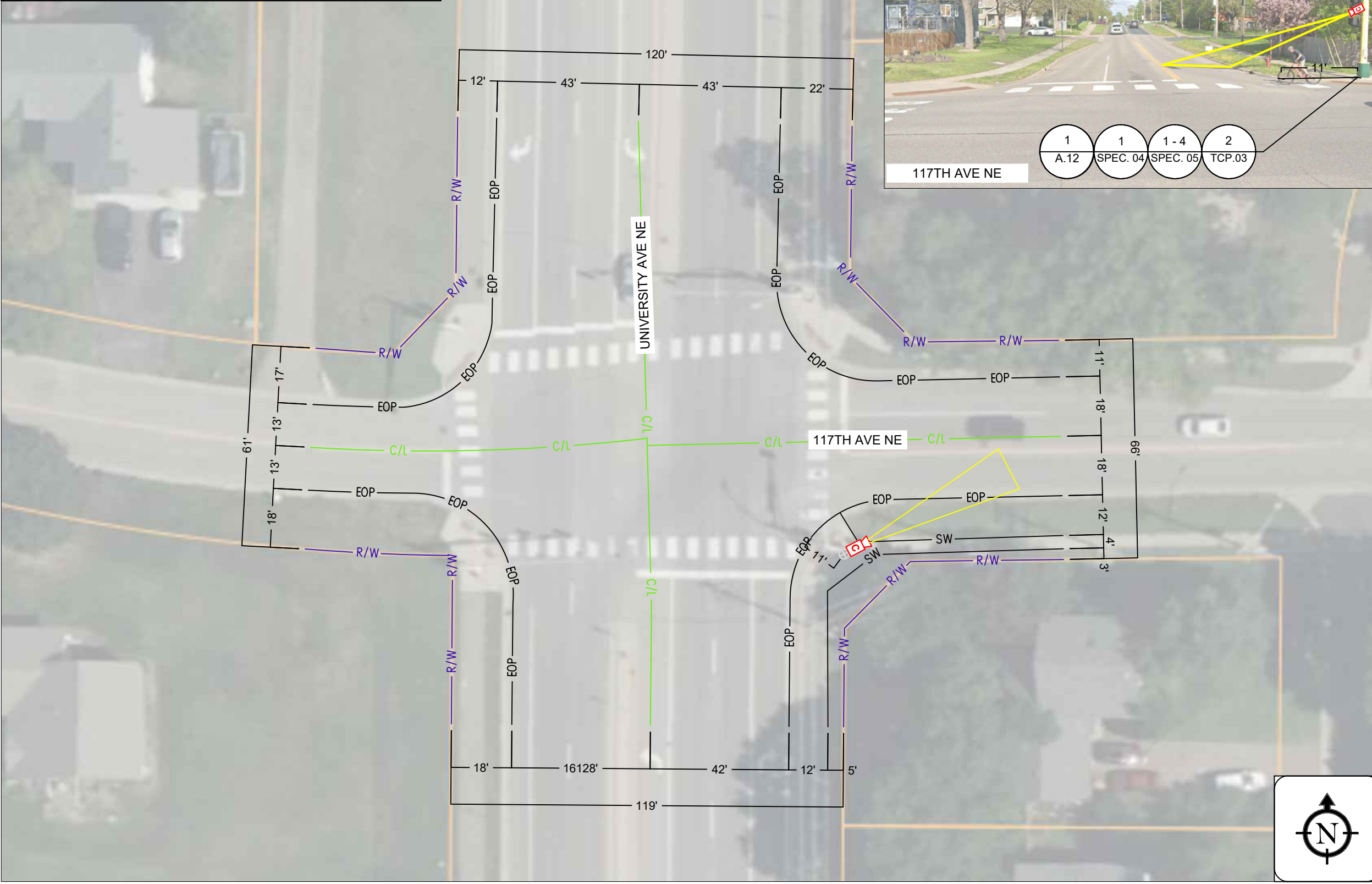
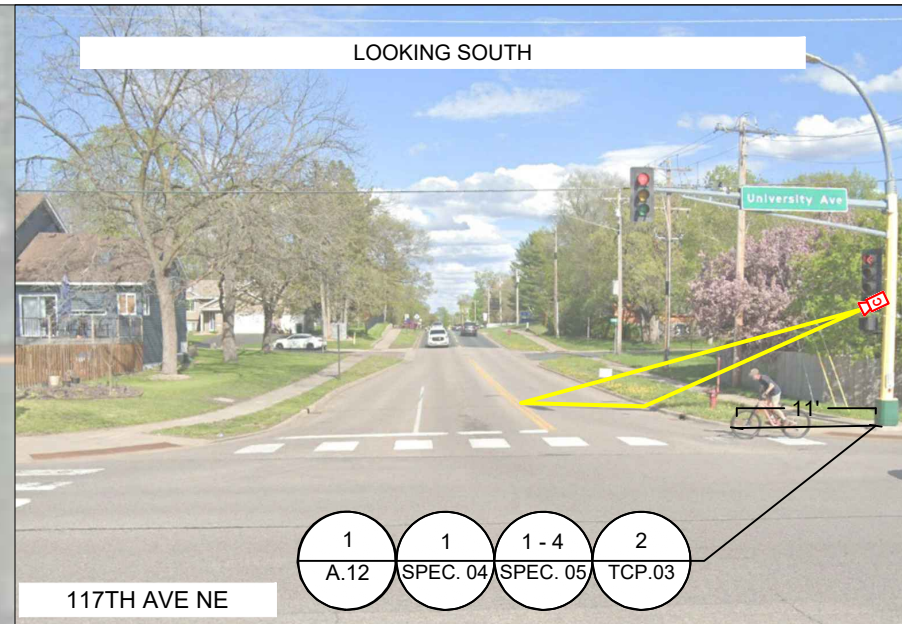
LICENSE PLATE READER CAMERA
INSTALLATION

CASE NUMBER: 498325
PERMITTING JURISDICTION:
ANOKA COUNTY

COVER SHEET & LOCATION MAPS	
SHEET: A.11	REV: 0

PROPOSED FLOCK EQUIPMENT ON EXISTING TRAFFIC CONTROL SIGNAL
 #21 117TH AVE @ UNIVERSITY AVE EB
 45.182431829528134,-93.26587324436942
 11' FROM EDGE OF PAVEMENT
 *REFERENCE TYPICAL DETAIL ON SHEET SPEC.04

1



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BLAINE POLICE DEPARTMENT
 10801 TOWN SQUARE DR NE,
 MINNEAPOLIS, MN 55449

flock safety
 1170 HOWELL MILL ROAD SUITE 210
 ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
-	-	-	-
3	7/3/2024	TJB	REVISIONS
2	06/06/2024	RMD	JX COMMENTS
1	04/01/2024	MFR	PP UPDATE
0	01/31/2024	MSO	PRELIM

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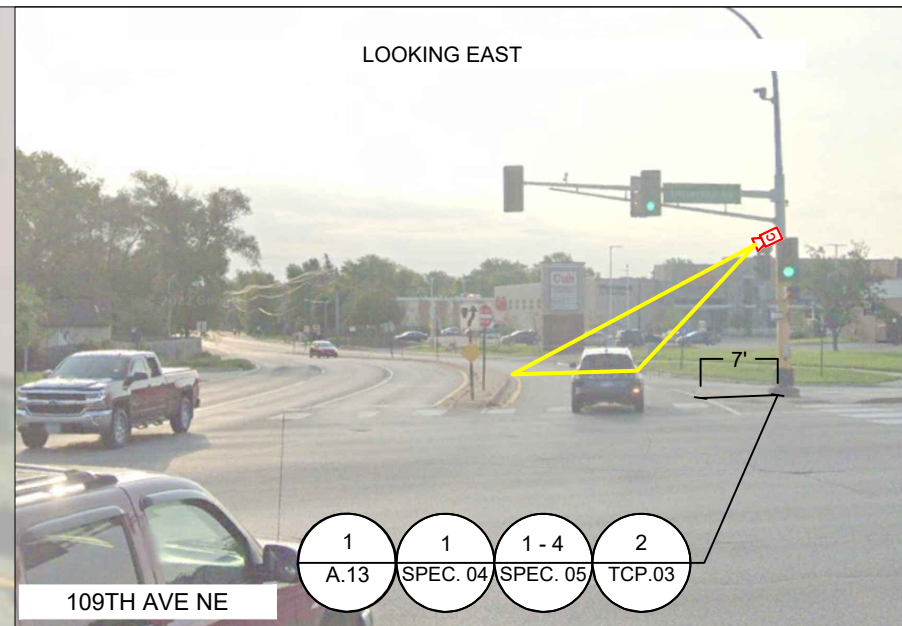
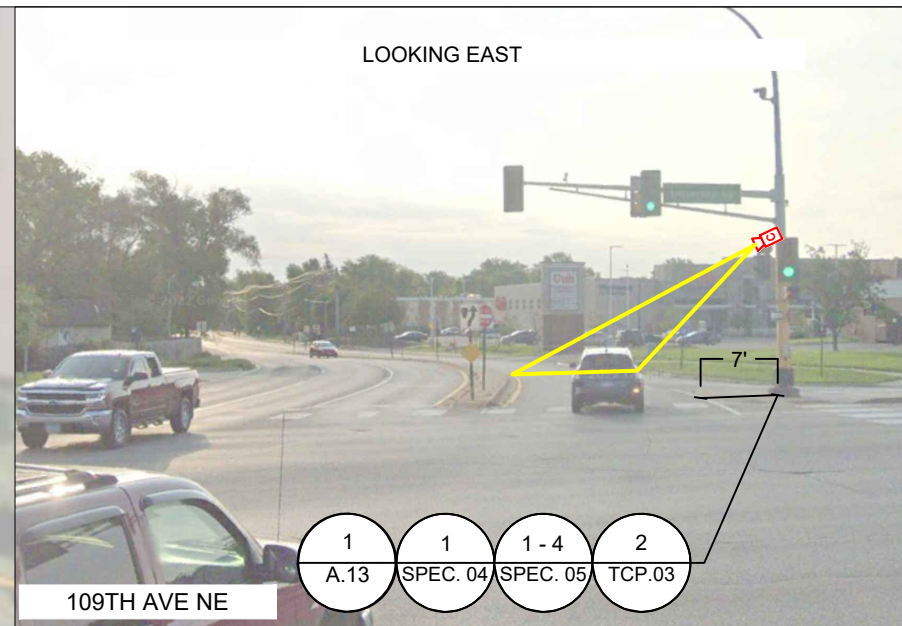
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LICENSE PLATE READER CAMERA
 INSTALLATION
 CASE NUMBER: 498325
 PERMITTING JURISDICTION:
 ANOKA COUNTY

COVER SHEET & LOCATION MAPS	
SHEET: A.12	REV: 0

PROPOSED FLOCK EQUIPMENT ON EXISTING TRAFFIC CONTROL SIGNAL
 #22 109TH @ UNIVERSITY EB
 45.16802866198927,-93.26608524297941
 7' FROM FOG LINE
 *REFERENCE TYPICAL DETAIL ON SHEET SPEC.04

1



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BLAINE POLICE DEPARTMENT
 10801 TOWN SQUARE DR NE,
 MINNEAPOLIS, MN 55449

frock safety
 1170 HOWELL MILL ROAD SUITE 210
 ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
-	-	-	-
3	7/3/2024	TJB	REVISIONS
2	06/06/2024	RMD	JX COMMENTS
1	04/01/2024	MFR	PP UPDATE
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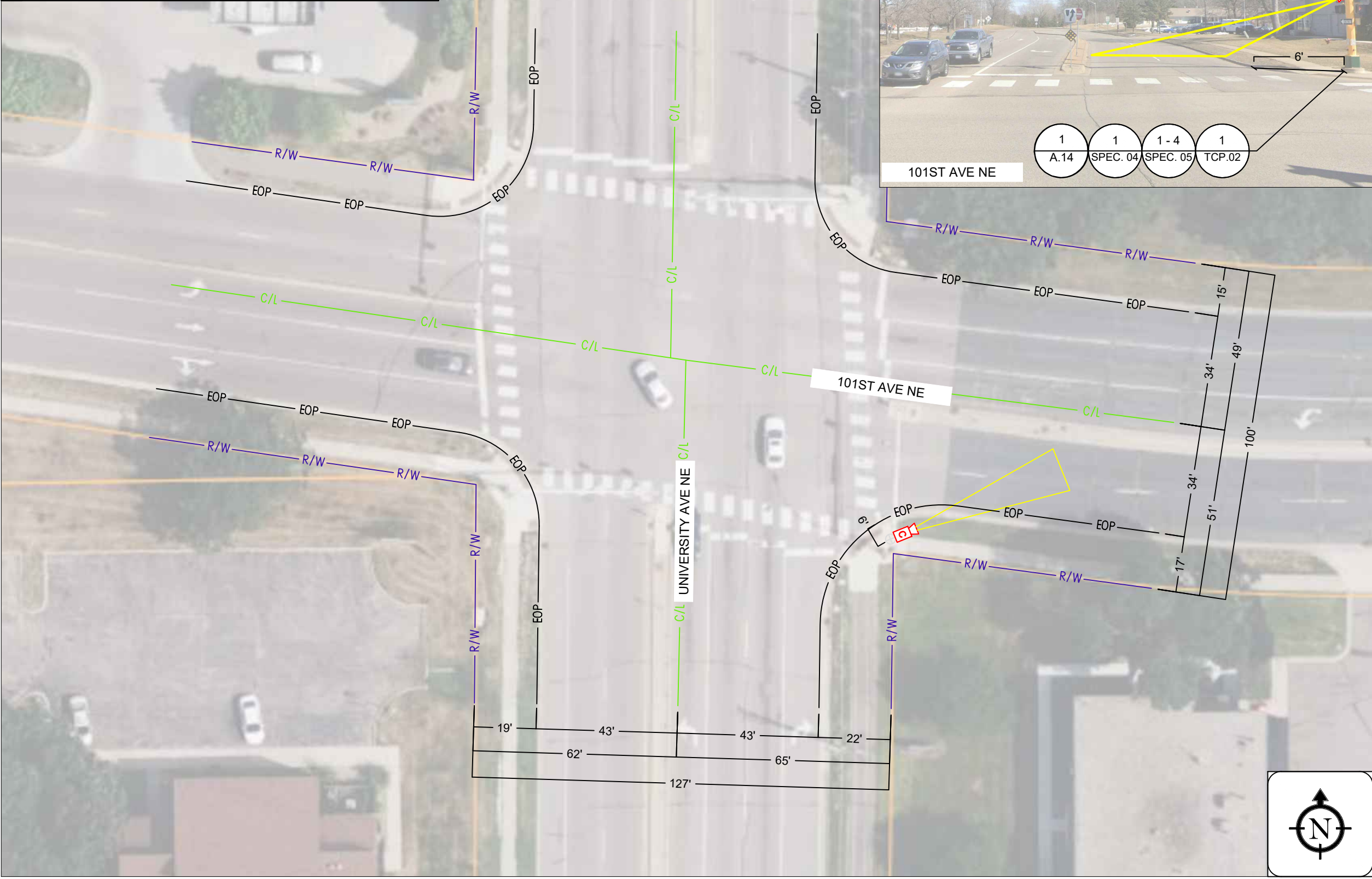
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LICENSE PLATE READER CAMERA
 INSTALLATION
 CASE NUMBER: 498325
 PERMITTING JURISDICTION:
 ANOKA COUNTY

COVER SHEET & LOCATION MAPS	
SHEET: A.13	REV: 0

PROPOSED FLOCK EQUIPMENT ON EXISTING TRAFFIC CONTROL SIGNAL
 #23 101ST AVE @ UNIVERSITY EB
 45.15259170372436,-93.26633577355001
 6' FROM EDGE OF PAVEMENT
 *REFERENCE TYPICAL DETAIL ON SHEET SPEC.04

1



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BLAINE POLICE DEPARTMENT
 10801 TOWN SQUARE DR NE,
 MINNEAPOLIS, MN 55449

frock safety
 1170 HOWELL MILL ROAD SUITE 210
 ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
-	-	-	-
3	7/3/2024	TJB	REVISIONS
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0	01/31/2024	MSO	PRELIM

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LICENSE PLATE READER CAMERA
 INSTALLATION
 CASE NUMBER: 498325
 PERMITTING JURISDICTION:
 ANOKA COUNTY

COVER SHEET & LOCATION MAPS	
SHEET: A.14	REV: 0

PROPOSED FLOCK EQUIPMENT ON PROPOSED REDI-TORQUE POLE

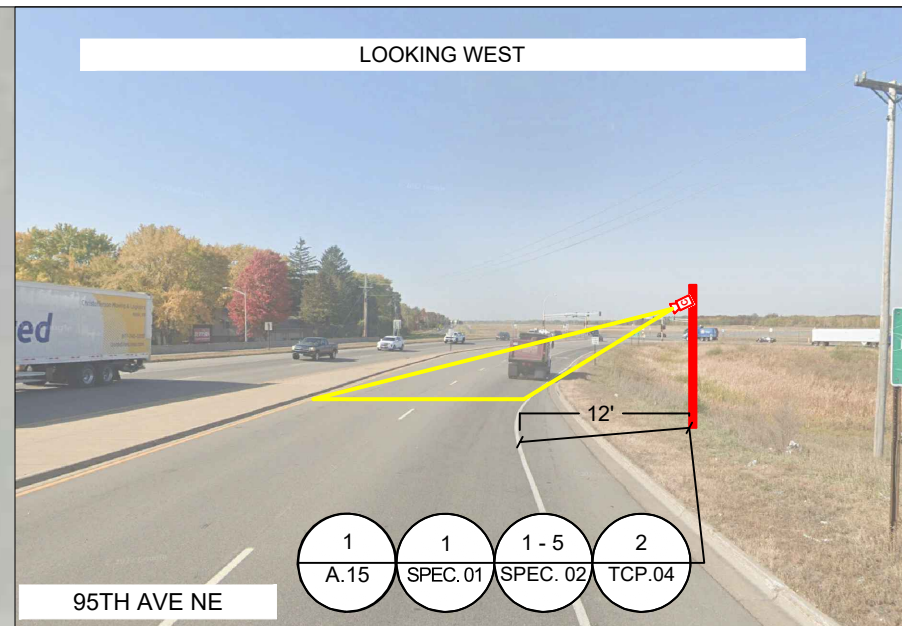
#24 95TH @ 35W WB

45.14269293071299,-93.18892209166336

12' FROM FOG LINE

*REFERENCE TYPICAL DETAIL ON SHEET SPEC.01

1



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BLAINE POLICE DEPARTMENT
10801 TOWN SQUARE DR NE,
MINNEAPOLIS, MN 55449

frock safety
1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
-	-	-	-
3	7/3/2024	TJB	REVISIONS
2	06/06/2024	RMD	JX COMMENTS
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0	01/31/2024	MSO	PRELIM

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LICENSE PLATE READER CAMERA
INSTALLATION
CASE NUMBER: 498325
PERMITTING JURISDICTION:
ANOKA COUNTY

COVER SHEET & LOCATION MAPS	
SHEET: A.15	REV: 0

PROPOSED FLOCK EQUIPMENT ON PROPOSED REDI-TORQUE POLE

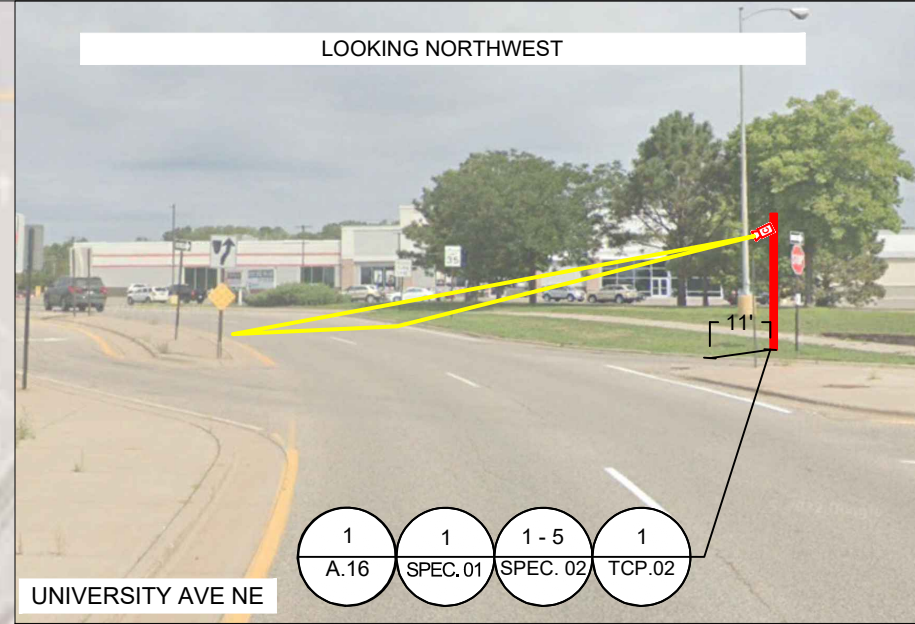
#25 UNIVERSITY @ 89TH NB

45.131994073511336,-93.26381766214415

11' FROM EDGE OF PAVEMENT

*REFERENCE TYPICAL DETAIL ON SHEET SPEC.01

1



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BLAINE POLICE DEPARTMENT

10801 TOWN SQUARE DR NE,
MINNEAPOLIS, MN 55449

frock safety

1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
-	-	-	-
3	7/3/2024	TJB	REVISIONS
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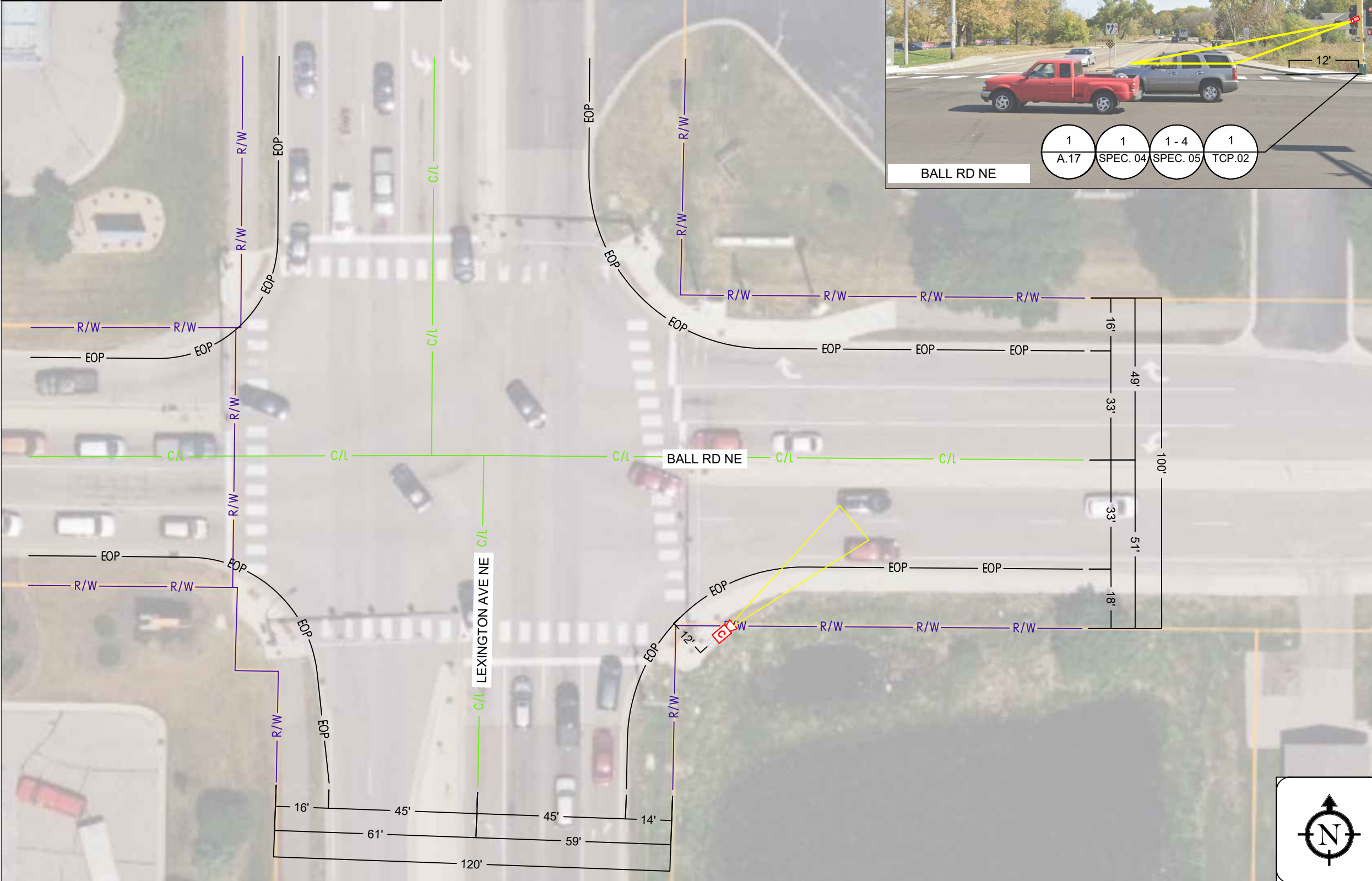
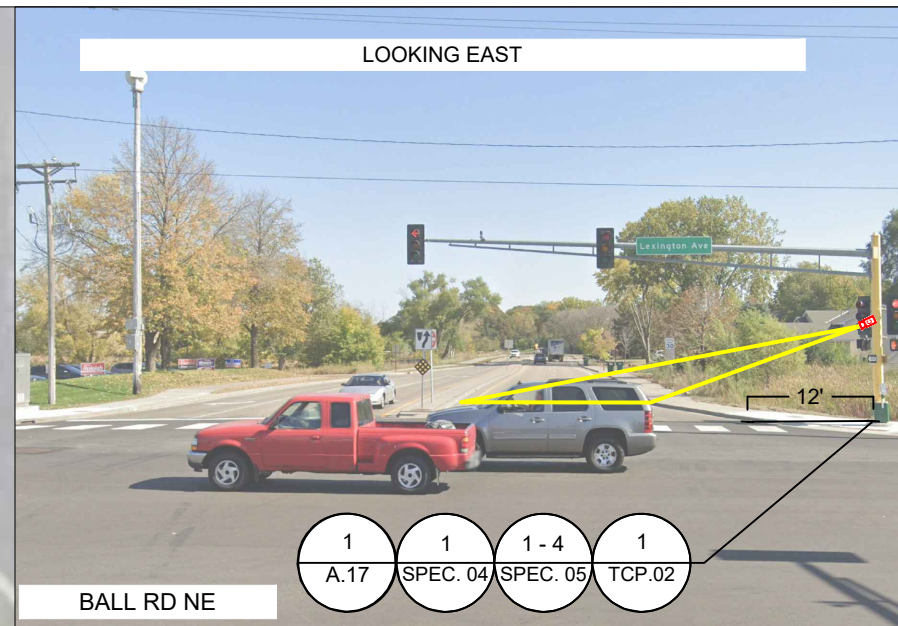
LICENSE PLATE READER CAMERA
INSTALLATION

CASE NUMBER: 498325
PERMITTING JURISDICTION:
ANOKA COUNTY

COVER SHEET & LOCATION MAPS	
SHEET: A.16	REV: 0

PROPOSED FLOCK EQUIPMENT ON EXISTING TRAFFIC CONTROL SIGNAL
 #26 BALL @ LEXINGTON EB
 45.15650499137343,-93.16304310480514
 12' FROM EDGE OF PAVEMENT
 *REFERENCE TYPICAL DETAIL ON SHEET SPEC.04

1



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BLAINE POLICE DEPARTMENT
 10801 TOWN SQUARE DR NE,
 MINNEAPOLIS, MN 55449

flock safety
 1170 HOWELL MILL ROAD SUITE 210
 ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
-	-	-	-
3	7/3/2024	TJB	REVISIONS
2	06/06/2024	RMD	JX COMMENTS
1	04/01/2024	MFR	PP UPDATE
0	01/31/2024	MSO	PRELIM

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LICENSE PLATE READER CAMERA
 INSTALLATION
 CASE NUMBER: 498325
 PERMITTING JURISDICTION:
 ANOKA COUNTY

COVER SHEET & LOCATION MAPS	
SHEET: A.17	REV: 0

PROPOSED FLOCK EQUIPMENT ON PROPOSED REDI-TORQUE POLE

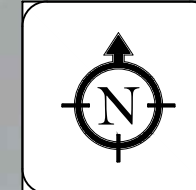
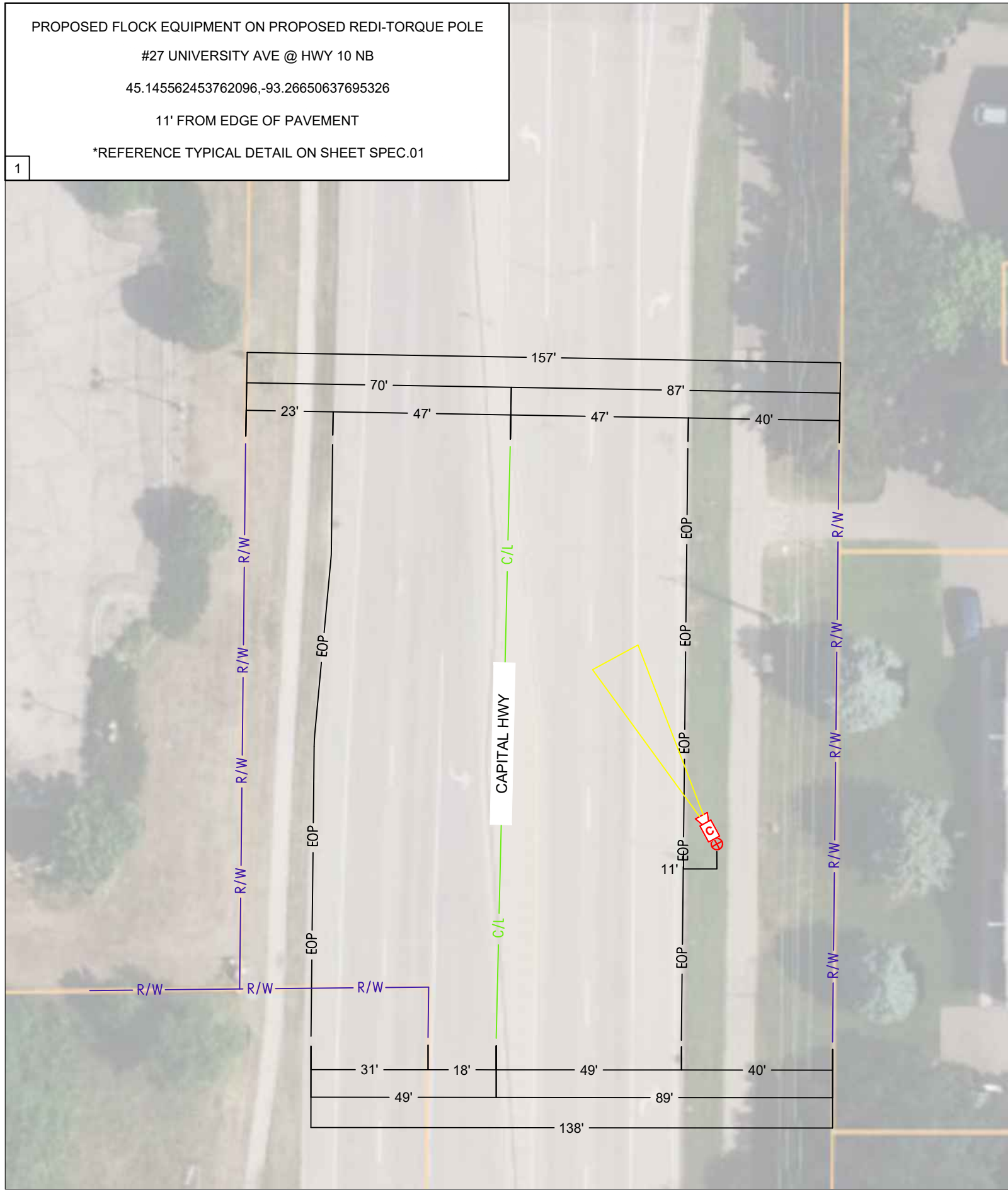
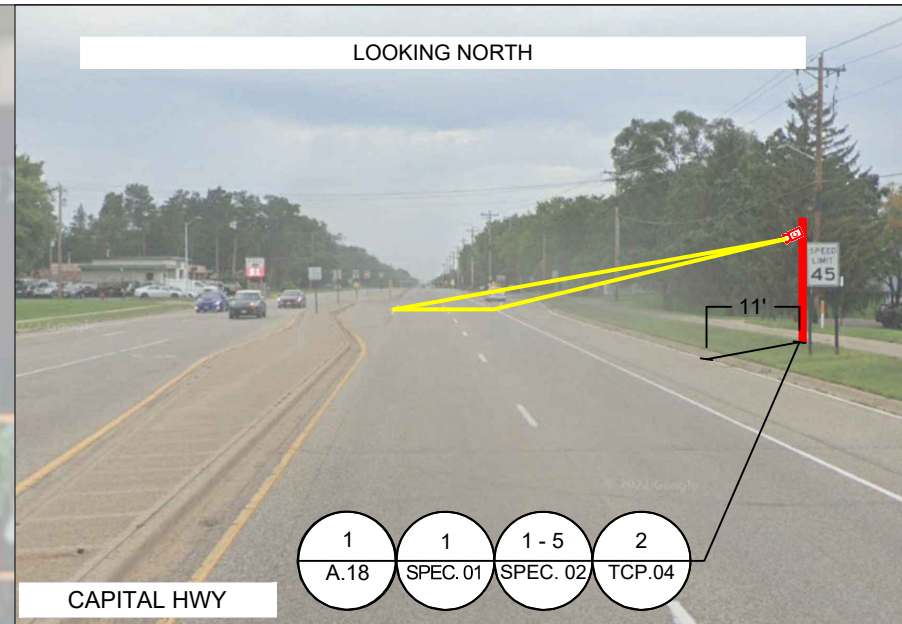
#27 UNIVERSITY AVE @ HWY 10 NB

45.145562453762096, -93.26650637695326

11' FROM EDGE OF PAVEMENT

*REFERENCE TYPICAL DETAIL ON SHEET SPEC.01

1



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BLAINE POLICE DEPARTMENT

10801 TOWN SQUARE DR NE,
MINNEAPOLIS, MN 55449

frock safety

1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
-	-	-	-
3	7/3/2024	TJB	REVISIONS
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LICENSE PLATE READER CAMERA
INSTALLATION

CASE NUMBER: 498325
PERMITTING JURISDICTION:
ANOKA COUNTY

COVER SHEET & LOCATION MAPS

SHEET: A.18	REV: 0
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DESIGN NOTES

1. POLE AND FOUNDATIONS ARE DESIGNED IN ACCORDANCE WITH THE FOLLOWING CODES:
 - 1.1. 2015 MICHIGAN BUILDING CODE
 - 1.2. AASHTO LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORT FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS 2015 EDITION.
2. POLE ANALYSIS AND FOUNDATION DESIGN ARE BASED ON THE FOLLOWING CRITERIA:
 - 2.1. DESIGN WIND SPEED (VULT): 115 MPH (MAXIMUM)
 - 2.2. RISK CATEGORY: II
 - 2.3. EXPOSURE CATEGORY: C
 - 2.4. TOPOGRAPHIC CATEGORY: 1
 - 2.5. SEISMIC DESIGN CRITERIA:
 - 2.5.1. SOIL SITE CLASS: D (ASSUMED)
 - 2.5.2. SPECTRAL RESPONSE, SS: 1.000G (MAXIMUM)
 - 2.5.3. SPECTRAL RESPONSE, S1: 0.004G (MAXIMUM)
 - 2.5.4. SEISMIC DESIGN CATEGORY: B
- 2.6. STRUCTURE BASE REACTIONS ARE CALCULATED AS FOLLOWS:

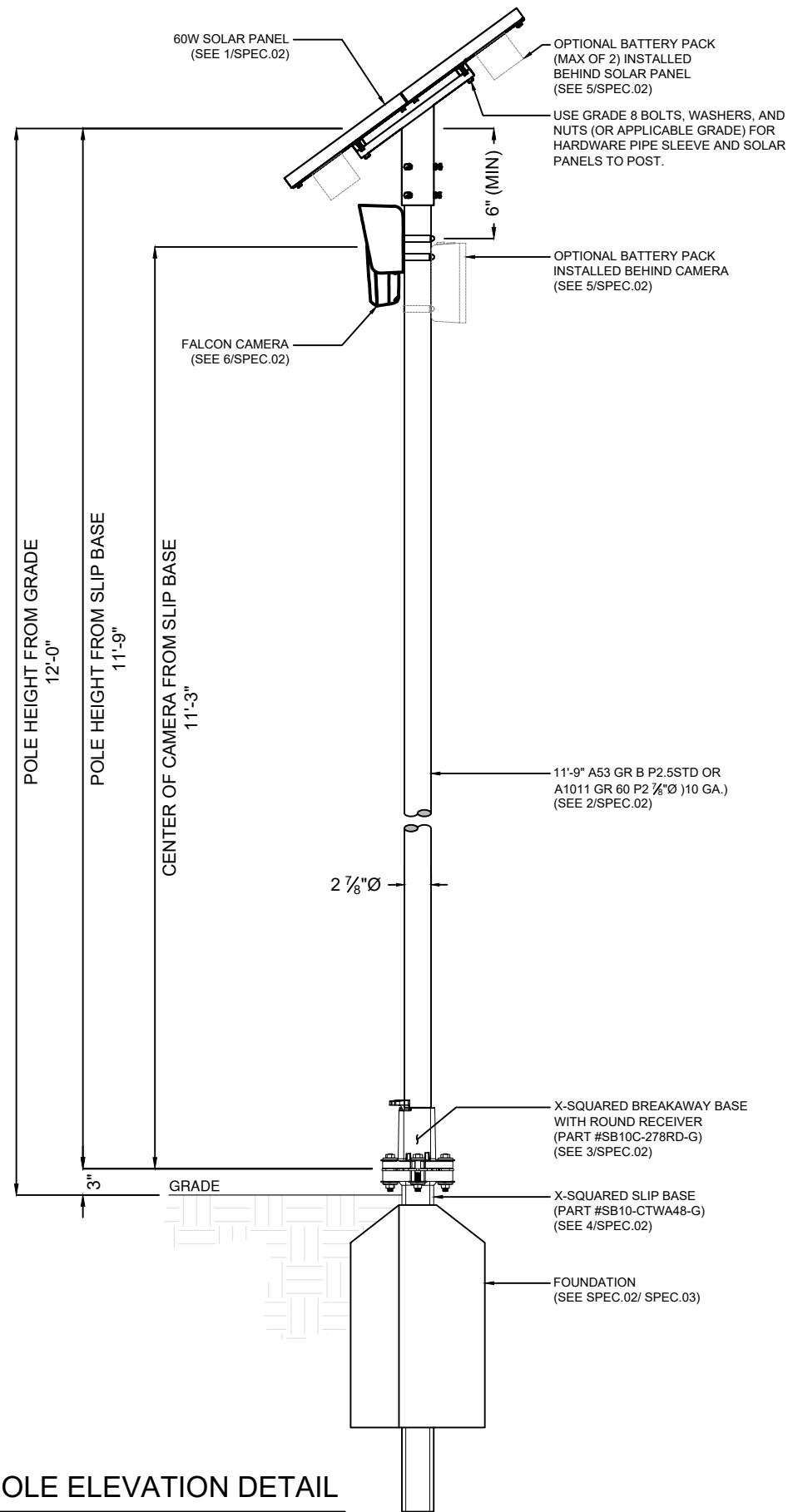
ULTIMATE BASE MOMENT:	2,700 LB-FT
ULTIMATE BASE SHEAR:	300 LB
ULTIMATE BASE AXIAL:	100 LB
- 2.7. SHOULD ANY OF THE SITE-SPECIFIC PARAMETERS BE HIGHER THAN WHAT IS NOTED ABOVE, THE EOR SHALL BE CONTACTED TO PROVIDE A REVISED DESIGN.
3. POLE STRUCTURE SHALL BE INSTALLED ON A FOUNDATION WITH FLAT BEARING SURFACE. THE TOP OF THE TOP OF THE FOUNDATION OUTSIDE OF THE BASE PLATE FOOTPRINT SHALL BE SLOPED BETWEEN 1" AND 3" TO ALLOW FOR ADEQUATE DRAINAGE.
4. THE PROPOSED DETAILS OF THIS DRAWING SHALL NOT BE USED WHERE SOILS CONSIST OF SOFT CLAY, PEAT, OR SOIL WHERE A SMALL DIAMETER REBAR (#5 OR SMALLER) OR METAL PROBE PENETRATES EASILY INTO THE SOIL BY MORE THAN 6" WHEN THE FULL WEIGHT OF A PERSON IS APPLIED. IF UNEXPECTED SOIL IS FOUND ON SITE, THE CONTRACTOR SHALL CONTACT EOR FOR DIRECTION.

GENERAL & CONSTRUCTION NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT 811 TO LOCATE ALL UNDERGROUND UTILITIES 48 HOURS PRIOR TO CONSTRUCTION START DATE.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR APPLYING AND OBTAINING APPROVED TRAFFIC CONTROL PLAN(S) IN ACCORDANCE WITH MUTCD AND LOCAL JURISDICTION STANDARDS AS REQUIRED.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR THE RESTORATION OF ANY DISTURBED AREAS TO ORIGINAL CONDITION TO STATE DEPARTMENT OF TRANSPORTATION AND LOCAL JURISDICTION AT NO ADDITIONAL COMPENSATION.
4. ALL WORK SHALL ABIDE BY ALL APPLICABLE NATIONAL ELECTRICAL CODES EXCEPT WHEN THE STATE DEPARTMENT OF TRANSPORTATION AND LOCAL JURISDICTION STANDARDS SUPERSEDE.
5. POLE SHOULD BE GROUNDED TO A SOLID BARE BOND GROUNDING & GROUNDING ROD (OR COIL 25' OF #6 BARE COPPER) IN POLE FOUNDATION AND BACK TO PROPOSED FLOCK EQUIPMENT.
6. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH STATE DEPARTMENT OF TRANSPORTATION AND LOCAL JURISDICTION SPECIFICATIONS UNLESS SPECIFICALLY STATED OR SHOWN OTHERWISE HEREIN.
7. CONTRACTOR SHALL BE RESPONSIBLE TO DETERMINE THE SOIL TYPE AND SUITABILITY REQUIREMENTS PRIOR TO CONSTRUCTION PER PROJECT MANAGER DIRECTIVE.

ADA COMPLIANCE NOTES

1. ALL SIDEWALK CONSTRUCTION SHALL BE IN ACCORDANCE WITH ADA TITLE II AND ALL STATE DEPARTMENT OF TRANSPORTATION AND JURISDICTIONAL STANDARDS.
2. USE STATE SPECIFIC DEPARTMENT OF TRANSPORTATION CURRENT EDITION STANDARDS FOR PEDESTRIAN CONTROL PLANS FOR SIDEWALK AND WALKWAY CLOSURES.
3. MINIMUM SIDEWALK CLEARANCE FOR PEDESTRIAN ACCESS ROUTE (PAR) IS 48" WIDE.
4. MINIMUM CLEARANCE OF ANY PROPOSED EQUIPMENT ALONG THE WIDTH OF THE SIDEWALK IS 7'-0" IN HEIGHT.



1 POLE ELEVATION DETAIL
SCALE: N/A

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BLAINE POLICE DEPARTMENT
10801 TOWN SQUARE DR NE,
MINNEAPOLIS, MN 55449

frock safety
1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
-	-	-	-
3	7/3/2024	TJB	REVISIONS
2	06/06/2024	RMD	JX COMMENTS
1	04/01/2024	MFR	PP UPDATE
0	01/31/2024	MSO	PRELIM

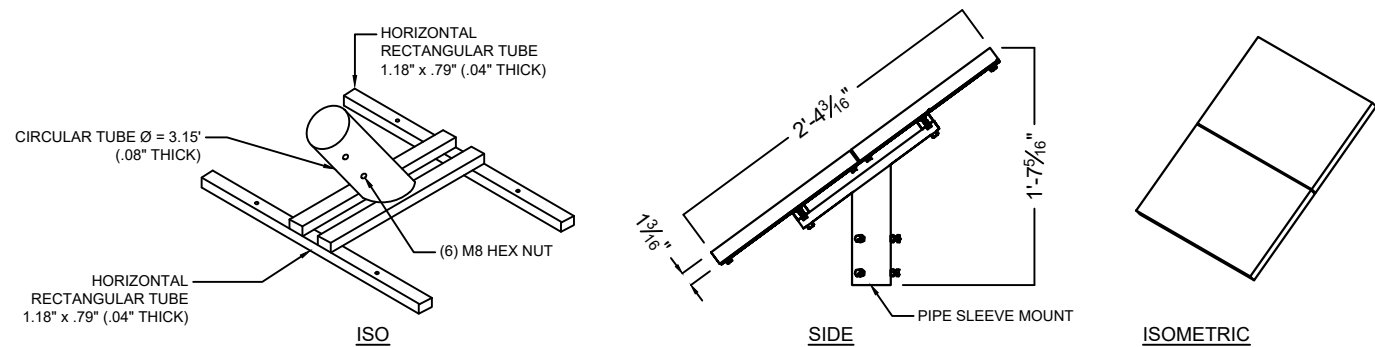
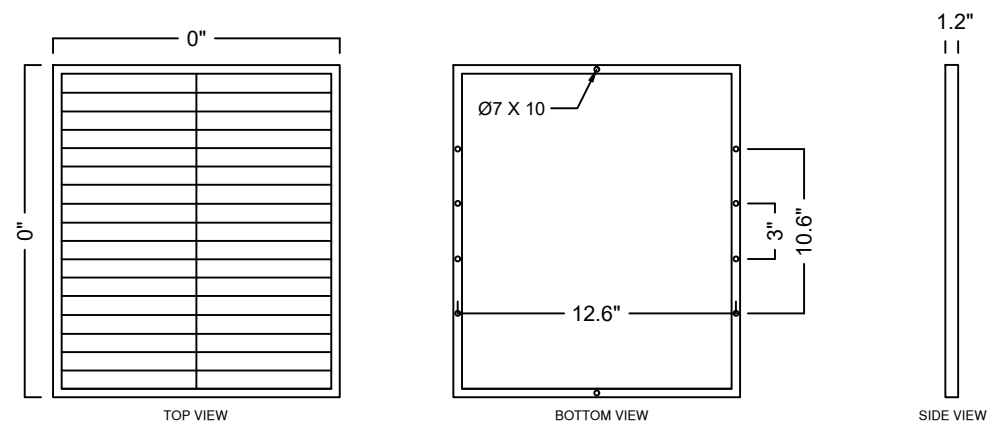
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LICENSE PLATE READER CAMERA INSTALLATION
CASE NUMBER: 498325
PERMITTING JURISDICTION: ANOKA COUNTY

COVER SHEET & LOCATION MAPS	
SHEET: SPEC.01	REV: 0

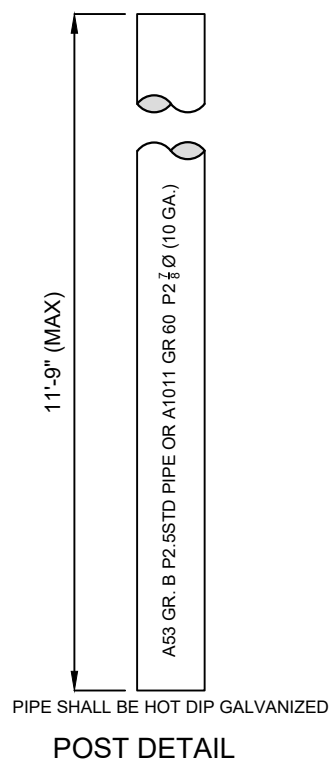
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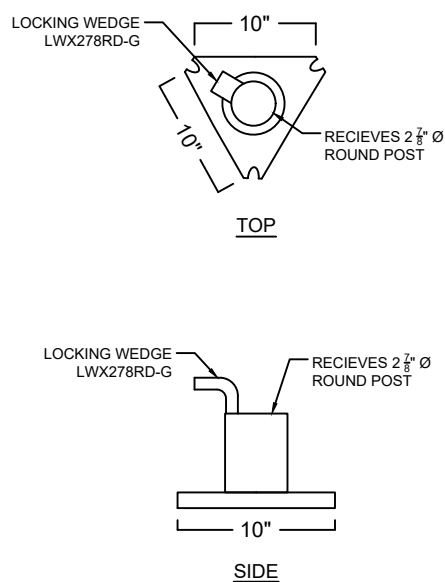
(2) 30 WATT SOLAR PANEL AND MOUNT ASSEMBLY (TOP MOUNTED)

MOUNTING HARDWARE TO BE PROVIDED BY FLOCK SAFETY

2

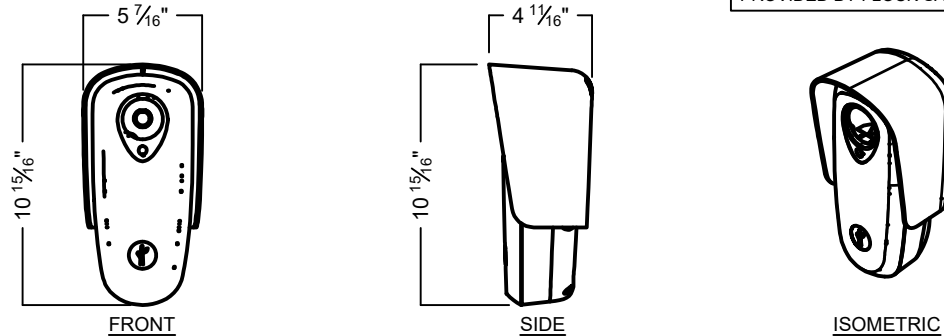


3



REDI-TORQUE POST BASE SB10C-278RD-G

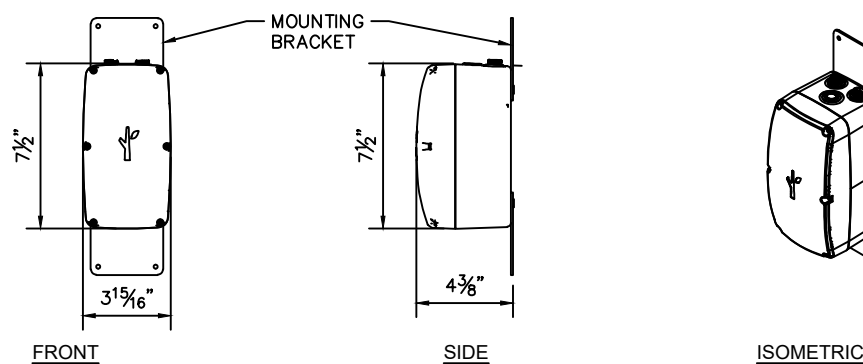
4



MOUNTING HARDWARE TO BE PROVIDED BY FLOCK SAFETY

AUTOMATIC LICENSE PLATE READER CAMERA DETAIL

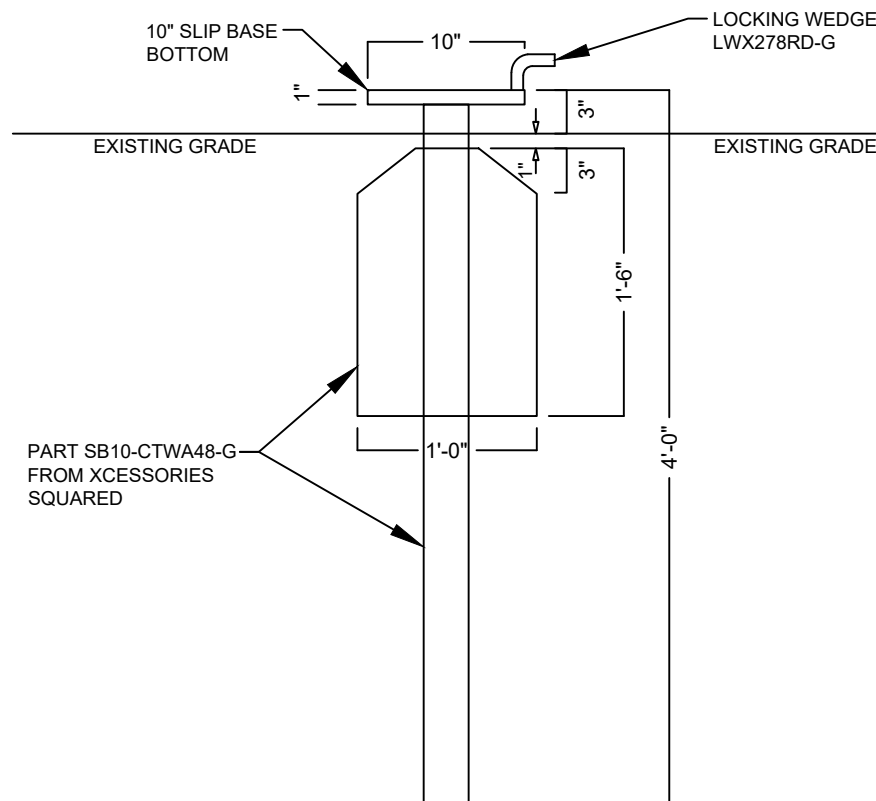
5



MOUNTING HARDWARE TO BE PROVIDED BY FLOCK SAFETY

"PENGUIN" BATTERY PACK

6



FOUNDATION DETAIL - WINGED UNIBASE OPTION

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BLAINE POLICE DEPARTMENT
10801 TOWN SQUARE DR NE,
MINNEAPOLIS, MN 55449

flock safety

1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
-	-	-	-
3	7/3/2024	TJB	REVISIONS
2	06/06/2024	RMD	JX COMMENTS
1	04/01/2024	MFR	PP UPDATE
0	01/31/2024	MSO	PRELIM

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LICENSE PLATE READER CAMERA
INSTALLATION

CASE NUMBER: 498325
PERMITTING JURISDICTION:
ANOKA COUNTY

COVER SHEET & LOCATION MAPS

SHEET:
SPEC.02

REV:
0



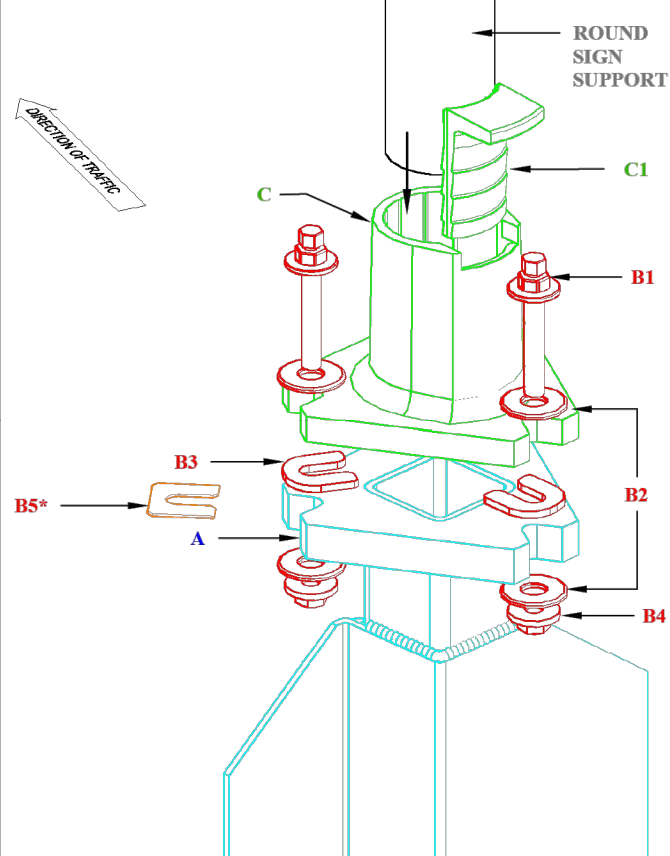
INSTALLATION GUIDE REDI-TORQUE MODEL 280 OMNI DIRECTIONAL SLIP BASE (COMBINATION ANCHOR WITH LOWER SLIP PLATE). RECEIVES ROUND SIGN SUPPORT

RT280U-RD1

MASH-16 COMPLIANT FOR INTERSECTIONS and MAINLINE ROADWAYS
NCHRP 350 CRITERIA - FHWA ACCEPTANCE LETTERS SS-134 & SS-134A

November 15, 2022

XCESSORIES SQUARED DEV. & MFG. CO., INC. AUBURN, IL 62615
TEL: (800) 621-7948 FAX: (217) 438-3917 www.x-sqrd.com



PARTS LIST

A: Unibase - Lower Slip Plate

ITEM	QTY	DESCRIPTION
A	1	Combination Anchor/Lower Slip Plate

B: Redi-Torque Match Plate Hardware

ITEM	QTY	DESCRIPTION
B1	3	1/2"-13 x 3" Gr. 8 Redi-Torque Bolt
B2	6	5/8" U.S.S. Flat Washer
B3	3	3/16" thick, Teflon Coated Slip Washer
B4	3	1/2"-13 Gr. 8 large diameter Flange Nut
B5*	0	1/16" thick Leveling Shim

* may not be necessary for every installation

C: Upper Slip Plate Sub-Assembly

ITEM	QTY	DESCRIPTION
C	1	Top Receiver for Round Sign Support
C1	1	Round Sign Support Locking Wedge

STEP A

1. Install appropriate Unibase (A) plumb & squared up with road, with point of triangular slip plate facing oncoming traffic.
2. Depth of embedment to leave 2-1/2" (+1 1/2"-1/2") from grade to top of Lower Slip Plate of Unibase (A).
NOTE: For soil or concrete installation options, see details at lower left.
NOTE: If installing in concrete, auger the footing hole shallow enough to be able to drive 3-4 inches of Unibase (A) into the bottom of the hole. This will help stabilize the unit as concrete is being poured and cured while also allowing for proper drainage.
NOTE: On multi-leg installations, be sure that all Unibases are squared & lined up with each other.

STEP B

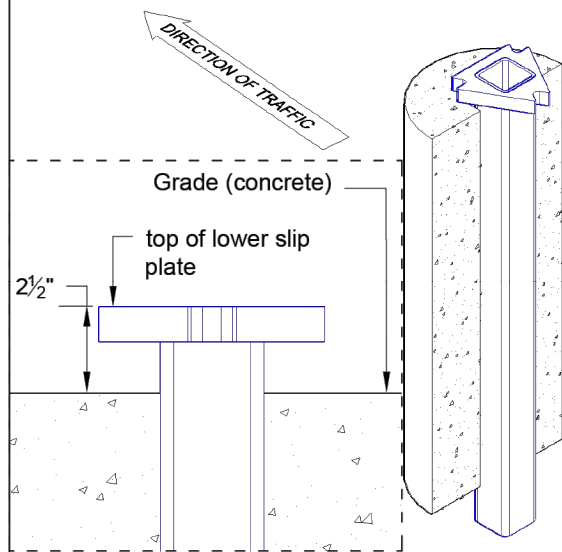
1. Place one each teflon coated Slip Washer (B3) on top of Lower Slip Plate of Unibase (A) at each notched point with open end of slot facing center of triangular slip plate. Leave enough room between the closed ends of the slot/notch to allow 1/2" Redi-Torque Bolt (B1) to pass through.
2. Place Upper Slip Plate (C) onto the three Slip Washers (B3) properly indexed so that the round post receiver notched portion is pointing toward oncoming traffic.
3. Slide 1 each 5/8" Flat Washer (B2) on to each Redi-Torque Bolt (B1) then insert Bolt (B1) with Washer (B2) down through notched points of Upper Slip Plate (C), slot of Slip Washer (B3) and notched point of Lower Slip Plate of Unibase (A).
4. Slide 1 each 5/8" Flat Washer (B2) up on exposed thread of each Bolt (B1) followed by threading 1 each 1/2" Flange Nut (B4) on to each Bolt (B1) as tight as can reasonably be attained using the 3/4" (larger) hex and NOT the 1/2" (smaller) hex.

STEP C

1. Insert Round Sign Support into Upper Slip Plate (C) top receiver until support bottoms out.
2. With a hand held hammer, drive the round sign support Locking Wedge (C1) into the Slip Base Top (C) receiver at the pre-determined notch. (The Locking Wedge does not need to be driven flush with top of Upper Slip Plate receiver)
***SHIMMING:** Before moving on to step 3, check the plumb of the sign support(s). If necessary, 1/16" thick Leveling Shim(s) (B5) may be used at the appropriate point(s) between slip plates. To re-plumb, loosen Bolt (B1) at desired point enough to lean the Upper Slip Plate (C) back and slide Leveling Shim (B5) into place. Shim(s) should be placed under Teflon Coated Slip Washer. Maximum of 2 each Leveling Shims per notched point.
3. After Locking wedge (C1) is securely in place, loosen each Bolt (B1) and Nut (B4), one at a time, then retighten each Bolt (B1), using the 1/2" (smaller) hex, until the 1/2" hex head twists off from the 3/4" hex head. This will set the proper torque level of 52 ft-lbs.

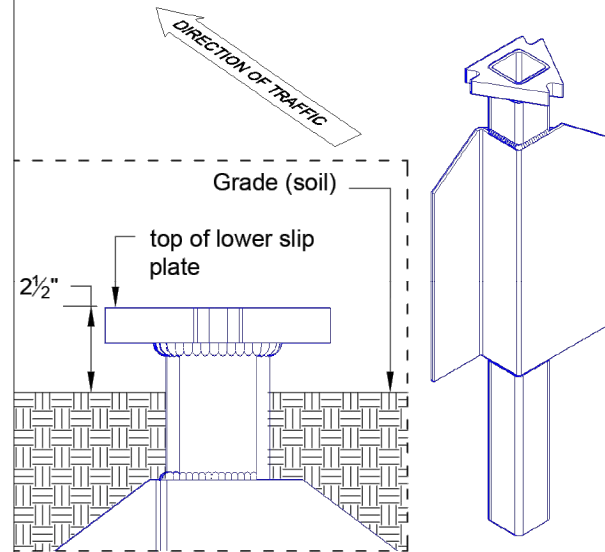
1. UP TO A MAXIMUM OF THREE OMNI DIRECTIONAL SLIP BASES WITH REDI-TORQUE MODEL 280 MATCHPLATE HARDWARE MAY BE INSTALLED WITHIN A SEVEN FOOT SPAN ON MAINLINE ROADWAY.
2. FOR ADDITIONAL WINDLOAD CAPABILITY, A HEAVIER GAUGE POST MAY BE USED.

CONCRETE INSTALLATION DETAIL

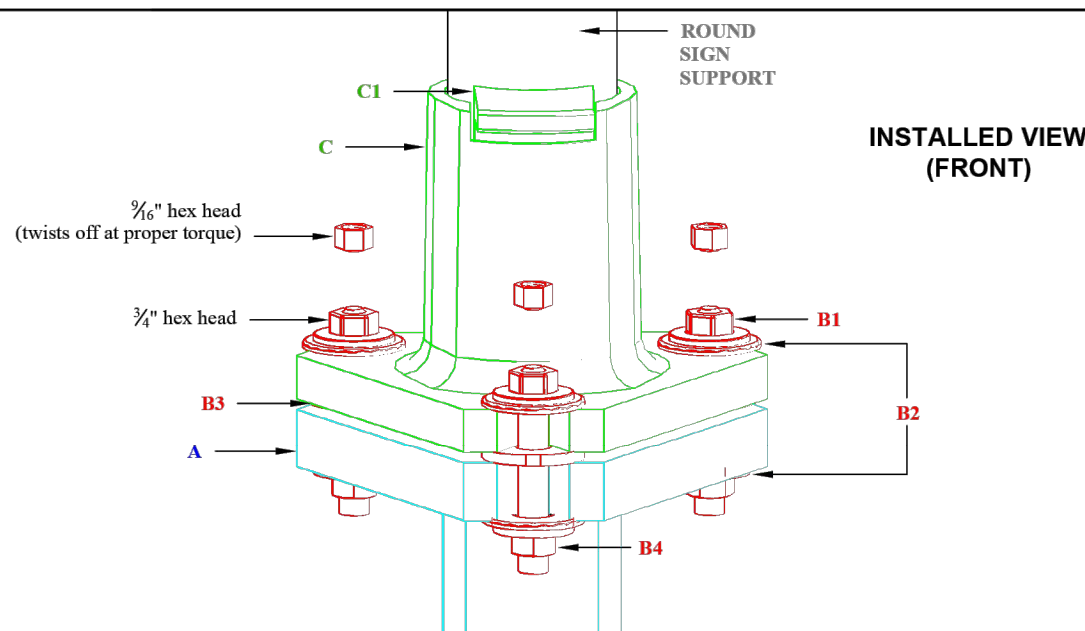


NOTE: Recommended footing size a minimum of 12" in diameter and 30" deep.

DIRECT DRIVEN SOIL INSTALLATION DETAIL



NOTE: Install with the widest bearing surface of the stabilizing wing parallel with the face of the sign.



REINSTALLATION PROCEDURE:

- NOTE:** All match plate hardware components are generally reusable except the Redi-Torque Bolts (B1)
1. Remove sign support Locking Wedge (C1) from Upper Slip Plate (C) receiver with a hand held hammer.
 2. Place Upper Slip Plate (C) on Lower Slip Plate of Unibase (A) to check for warpage and level of slip plates.
 3. Visually check all welds and castings for fractures or other damage.
 4. When assured both Lower Slip Plate (A) and Upper Slip Plate (C) are reusable employ new or reused hardware (B) with NEW Redi-Torque Bolts (B1) then follow installation procedures, starting with STEP B.

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LICENSE PLATE READER CAMERA
INSTALLATION

CASE NUMBER: 498325
PERMITTING JURISDICTION:
ANOKA COUNTY

COVER SHEET & LOCATION MAPS

SHEET:
SPEC.03

REV:
0

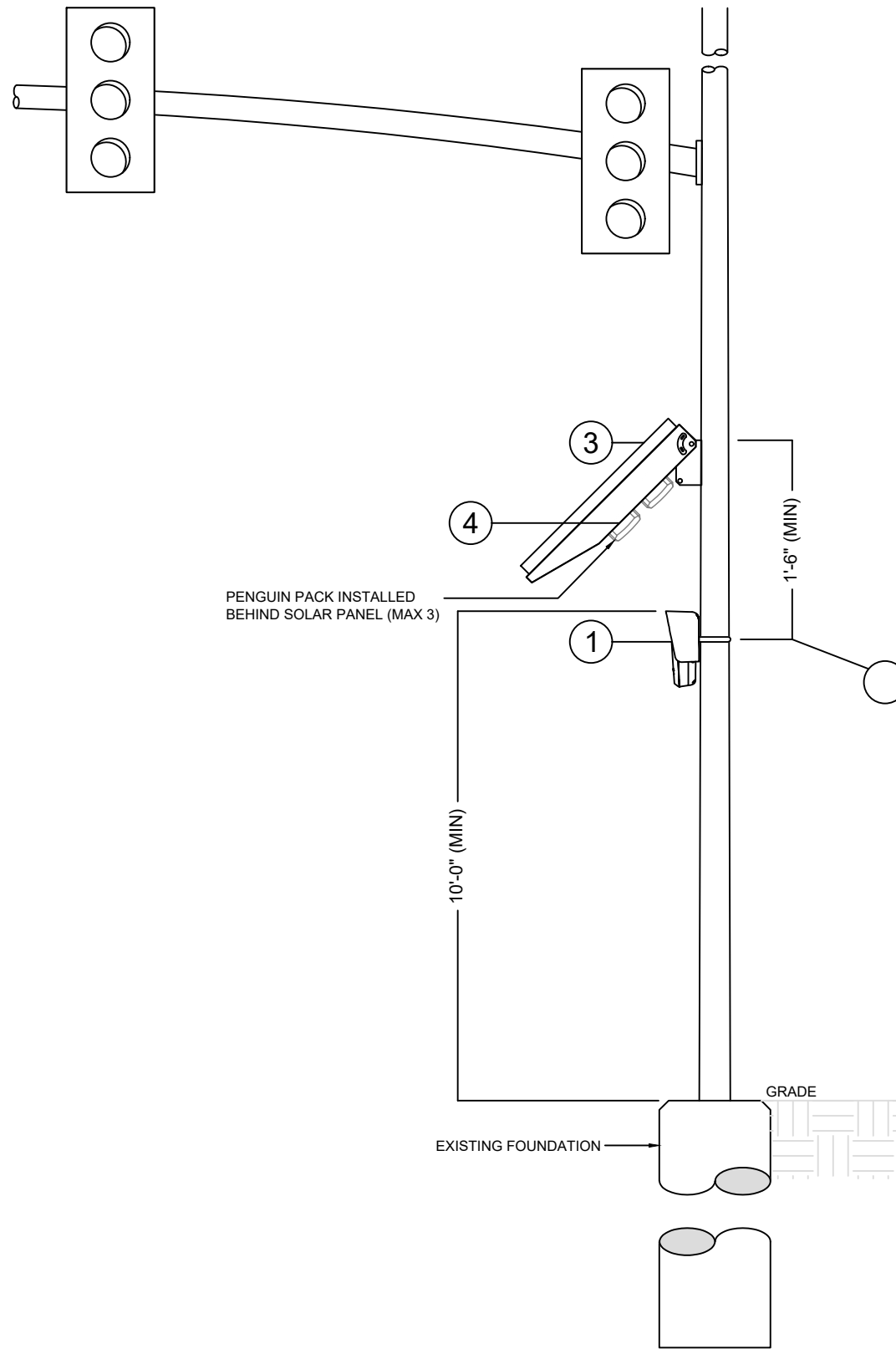
GENERAL & CONSTRUCTION NOTES

1. CONTRACTOR SHALL APPLY AND OBTAIN AN APPROVED TRAFFIC CONTROL PLAN IN ACCORDANCE WITH MUTCD AND LOCAL JURISDICTION STANDARDS.
2. CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO ORIGINAL SITE CONDITION TO THE SATISFACTION OF STATE DEPARTMENT OF TRANSPORTATION AND LOCAL JURISDICTION.
3. ALL WORK SHALL CONFORM TO APPLICABLE ELECTRICAL CODES EXCEPT WHEN STATE DEPARTMENT OF TRANSPORTATION OR LOCAL JURISDICTION STANDARDS SUPERSEDE.
4. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH SPECIFICATIONS DEFINED BY THE STATE DEPARTMENT OF TRANSPORTATION OR LOCAL JURISDICTION, UNLESS SPECIFICALLY STATED OR SHOWN OTHERWISE HEREIN.

ADA COMPLIANCE NOTES

1. ALL SIDEWALK CONSTRUCTION SHALL BE IN ACCORDANCE WITH ADA TITLE II, STATE DEPARTMENT OF TRANSPORTATION, AND LOCAL JURISDICTION STANDARDS,
2. STATE DEPARTMENT OF TRANSPORTATION CURRENT EDITION STANDARDS SHALL BE USED FOR PEDESTRIAN CONTROL PLANS WHEN CLOSURE OF SIDEWALK IS REQUIRED FOR CONSTRUCTION.
3. MINIMUM CLEAR PEDESTRIAN ACCESS ROUTE (PAR) SHALL BE 48" WIDE.
4. NO OBSTRUCTION IS PERMITTED ALONG THE WIDTH OF THE SIDEWALK. UP TO AN ELEVATION OD 7'-0" ABOVE GRADE.

PART NUMBER	DESCRIPTION	TOTAL WEIGHT (LB)	QTY.
701-0059	FLOCK SAFETY CAMERA	3.6	1
201-00087	MOUNTING CLAMP	2.0	1
205-00010	60W SOLAR KIT	17.0	1
702-00028	PENGUIN PACK	4	3 (MAX)



1 POLE ELEVATION DETAIL
SCALE: N/A

DRAWINGS BASED ON TYPICAL TRAFFIC SIGNAL POLE

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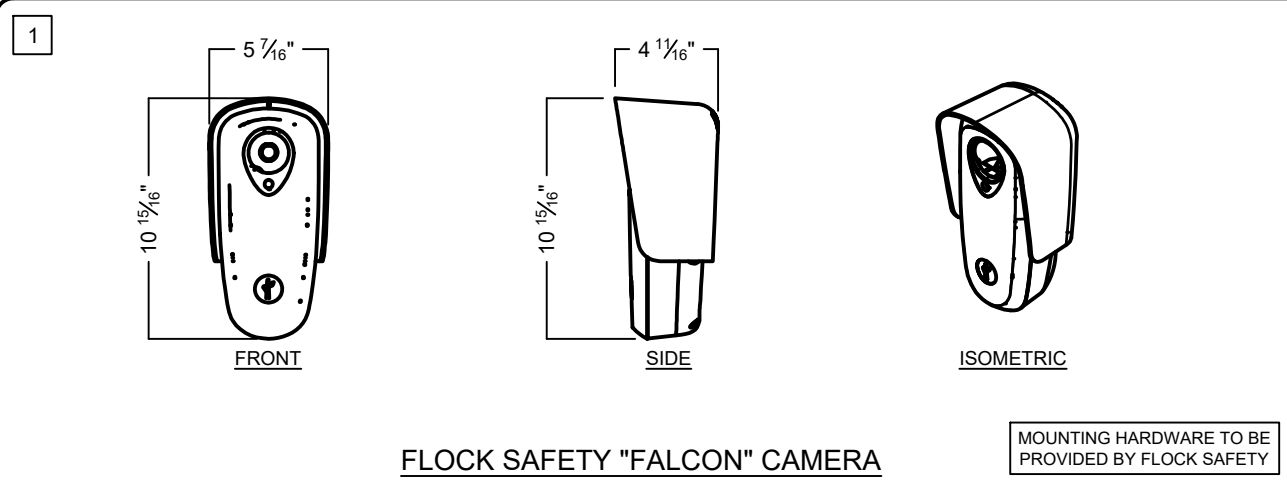
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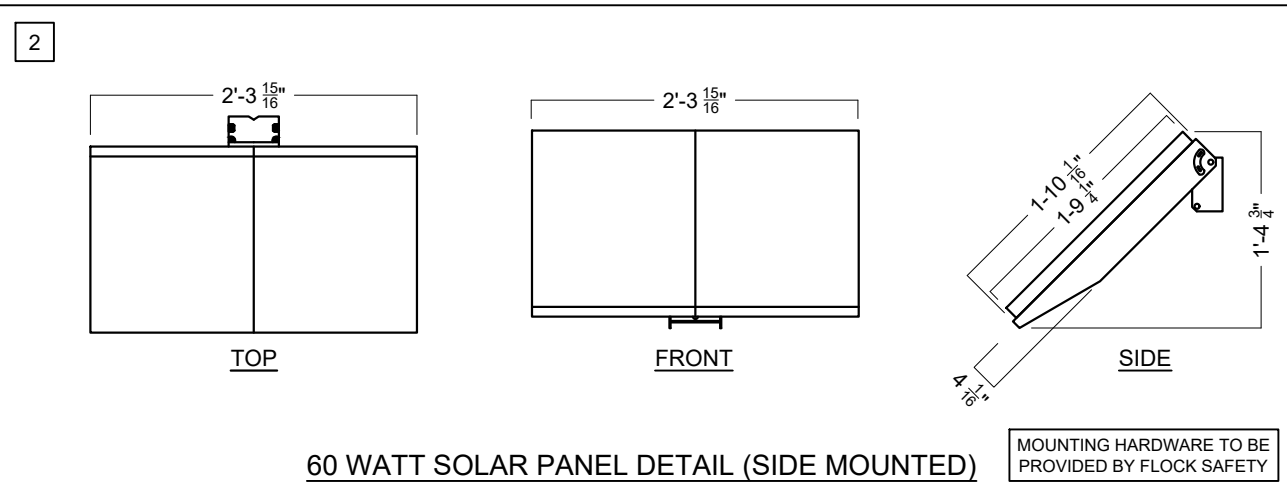
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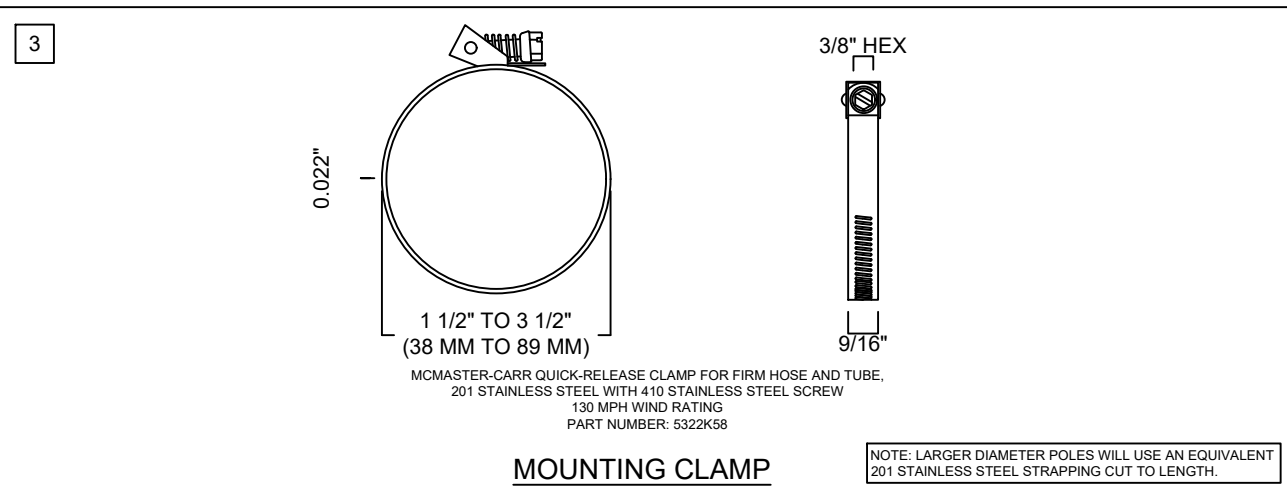
COVER SHEET & LOCATION MAPS	
SHEET: SPEC.04	REV: 0



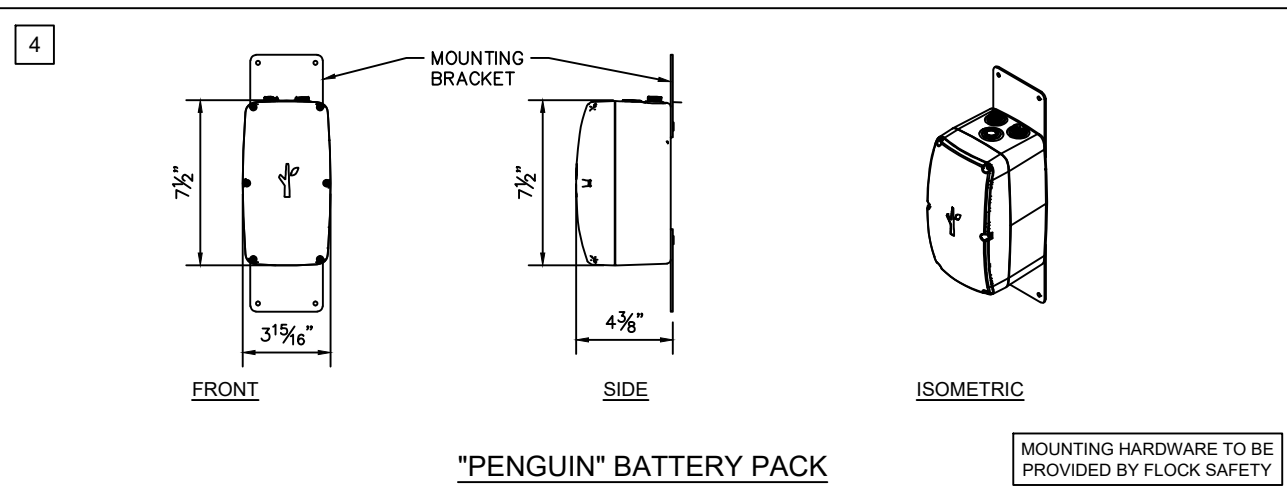
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7 NOT USED



8 NOT USED

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SHEET: SPEC.05	REV: 0

GENERAL TCP NOTES & TABLES

GENERAL NOTES:

1. ALL WORK AND MATERIALS SHALL COMPLY WITH THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND ANOKA COUNTY STANDARDS.
2. ALL STRIPING AND MARKINGS SHALL CONFORM TO THE STATE OF MINNESOTA DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND STANDARD SPECIFICATIONS.
3. TRAFFIC CONES SHALL NOT INTERFERE WITH EXISTING DRIVEWAYS, SCHOOL ZONES, OR BUS STOPS.
4. ALL TEMPORARY TRAVEL LANES SHALL BE A MINIMUM OF 10' WIDE.
5. FLASHING YELLOW BEACONS, TYPE "B", SHALL BE USED ON ALL W20-1 SIGNS AND ON ALL TYPE III BARRICADES GUARDING THE WORK OVERNIGHT.
6. ALL SIGNS SHALL BE REFLECTORIZED AND STANDARD SIZE.
7. ALL TUBULAR DELINEATORS AND CONES SHALL BE 28" MINIMUM HEIGHT, REFLECTORIZED AND MAINTAINED ERECT IN THE INDICATED POSITION AT ALL TIMES, AND SHALL BE REPAIRED, REPLACED, OR CLEANED AS NECESSARY TO PRESERVE THEIR APPEARANCE AND CONTINUITY, AND SHALL INCLUDE A 12" HIGH-INTENSITY REFLECTORIZED SLEEVE..
8. THE CONTRACTOR SHALL MAINTAIN, ON A CONTINUOUS BASIS, ALL SIGNS, DELINEATORS, BARRICADES, ETC., TO ENSURE PROPER FLOW AND SAFETY OF TRAFFIC DURING CONSTRUCTION.
9. THE CONTRACTOR SHALL HAVE SIGNS, DELINEATORS, BARRICADES, ETC., PROPERLY INSTALLED PRIOR TO COMMENCING CONSTRUCTION.
10. CONSTRUCTION OPERATIONS SHALL BE CONDUCTED IN SUCH A MANNER AS TO CAUSE AS LITTLE INCONVENIENCE AS POSSIBLE TO ABUTTING PROPERTY OWNERS.
11. ADDITIONAL TRAFFIC CONTROLS, TRAFFIC SIGNS OR BARRICADING MAY BE REQUIRED IN THE FIELD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PLACEMENT OF ANY ADDITIONAL DEVICES NECESSARY TO ASSURE THE SAFETY TO THE PUBLIC AT ALL TIMES DURING CONSTRUCTION.
12. SIDEWALK CLOSED SIGNS ARE TO BE PRESENT ANYTIME A PEDESTRIAN WALKWAY IS CLOSED.
13. WHERE IT HAS BEEN DETERMINED THAT THE ACCOMMODATION OF PEDESTRIANS WITH DISABILITIES IS NECESSARY, SIGNS SHALL BE MOUNTED AND PLACED IN ACCORDANCE WITH SECTION 4.4 OF THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES (ADAAG)"
14. EXACT LOCATION AND TYPE OF CONSTRUCTION SIGNS SHALL BE DIRECTED BY THE CONTRACTOR BASED UPON CONSTRUCTION CONDITIONS.
15. MOVE DELINEATORS AND/OR CONES TO SIDEWALK DURING NON-WORKING HOURS. REMOVE BARRICADES ETC., FROM TRAVEL LANE.
16. REMOVE OR TURN OFF SIGNS DURING NON-WORKING HOURS.
17. ALL CONFLICTING LINES, EXISTING CURB PAINT, AND MARKINGS SHALL BE REMOVED BY WET SANDBLASTING OR OTHER APPROVED METHOD PRIOR TO INSTALLATION OF NEW/TEMPORARY STRIPING. ALL CONFLICTING RAISED PAVEMENT MARKERS SHALL BE REMOVED. PAVEMENT THAT IS DAMAGED DUE TO REMOVAL OF MARKERS SHALL BE REPAIRED TO THE SATISFACTION OF THE CITY ENGINEER AND/OR STATE INSPECTOR.
18. DIMENSIONS BASED ON RECORD DRAWINGS AND NOT A SURVEY.
19. TIME OF LANE CLOSURE TO BE IN ACCORDANCE WITH REQUIREMENTS OF JURISDICTION.
20. ADDITIONAL ADVANCED FLAGGERS MAY BE REQUIRED. FLAGGER SHOULD STAND IN A CONSPICUOUS PLACE, BE VISIBLE TO APPROACHING TRAFFIC. PLACE A MINIMUM OF FOUR CONES AT 40-FT INTERVAL IN ADVANCE OF FLAGGER STATION AS SHOWN.
21. TABLES AND SIGNAGE DISPLAYED SHALL COMPLY WITH THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) CHAPTER 6.

TABLE 6C-1. RECOMMENDED ADVANCE WARNING SIGN MINIMUM SPACING

ROAD TYPE	DISTANCE BETWEEN SIGNS** (FT)		
	A	B	C
URBAN (LOW SPEED)*	100	100	100
URBAN (HIGH SPEED)*	350	350	350
RURAL	500	500	500
EXPRESSWAY / FREEWAY	1000	1500	2640

* SPEED CATEGORY TO BE DETERMINED BY HIGHWAY AGENCY
 ** THE COLUMN HEADING A,B AND C ARE THE DIMENSION SHOWN IN FIGURES 6H-1 THROUGH 6H-46 IN CHAPTER 6H OF THE MUTCD. THE A DIMENSION IS THE DISTANCE FROM THE TRANSITION OR POINT OF RESTRICTION TO THE FIRST SIGNS. THE B DIMENSION IS THE DISTANCE BETWEEN THE FIRST AND SECOND SIGNS.THE C DIMENSION IS THE DISTANCE BETWEEN THE SECOND AND THIRD SIGNS. (THE "FIRST SIGN" IS THE SIGN IN A THREE-SIGN SERIES THAT IS CLOSEST TO THE TTC ZONE. THE "THIRD SIGN" IS THE SIGN THAT IS FURTHEST UPSTREAM FROM THE TTC ZONE.)

TABLE 6C-2. STOPPING SIGHT DISTANCE AS A FUNCTION OF SPEED

SPEED (MPH)	DISTANCE (FT)
20	115
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645
70	730

* POSTED SPEED, OFF-PEAK 85TH-PERCENTILE SPEED PRIOR TO WORK STARTING, OR THE ANTICIPATED OPERATING SPEED

TABLE 6C-3. TAPER LENGTH CRITERIA FOR TEMPORARY TRAFFIC CONTROL ZONES

TYPE OF TAPER	TAPER LENGTH
MERGING TAPER	AT LEAST L
SHIFTING TAPER	AT LEAST 0.5 L
SHOULDER TAPER	AT LEAST 0.33 L
ONE-LANE, TWO-WAY TRAFFIC TAPER	50 FT MINIMUM, 100 FT MAXIMUM
DOWNSTREAM TAPER	50 FT MINIMUM, 100 FT MAXIMUM

NOTE: USE TABLE 6C-4 TO CALCULATE L

TABLE 6C-3. TAPER LENGTH CRITERIA FOR TEMPORARY TRAFFIC CONTROL ZONES

SPEED (S)	TAPER LENGTH (L) IN FEET(FT)
40 MPH OR LESS	$L = WS^2/60$
45 MPH OR MORE	$L = WS$

WHERE: L = TAPER LENGTH IN FT W= WIDTH OF OFFSET IN FT
 S= POSTED SPEED LIMIT, OR OFF-PEAK 85TH-PERCENTILE SPEED PRIOR TO WORK STARTING, OR THE ANTICIPATED OPERATING SPEED IN MPH

**LICENSE PLATE READER CAMERA
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ANOKA COUNTY**

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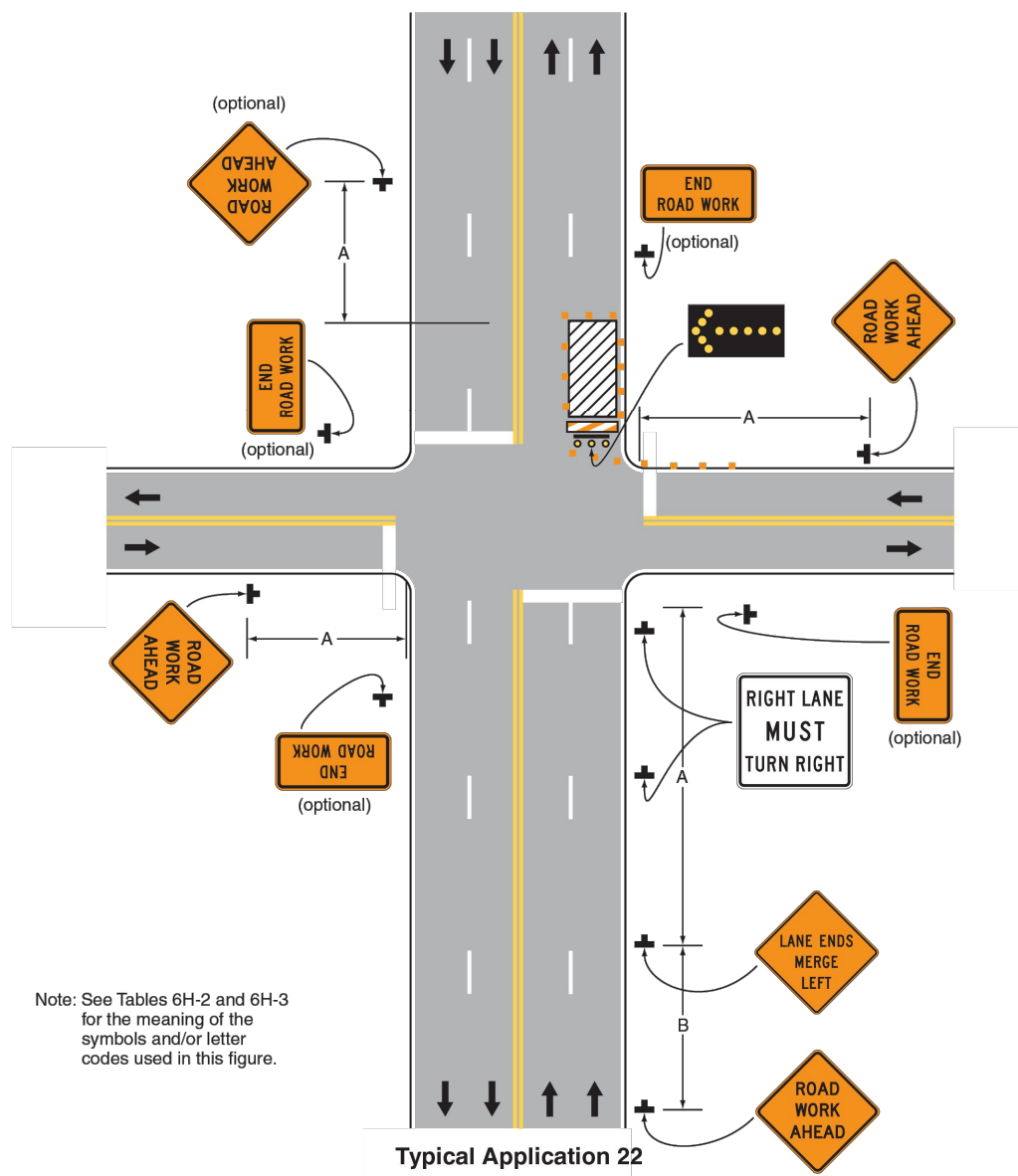
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Figure 6H-22. Right-Hand Lane Closure on the Far Side of an Intersection (TA-22)



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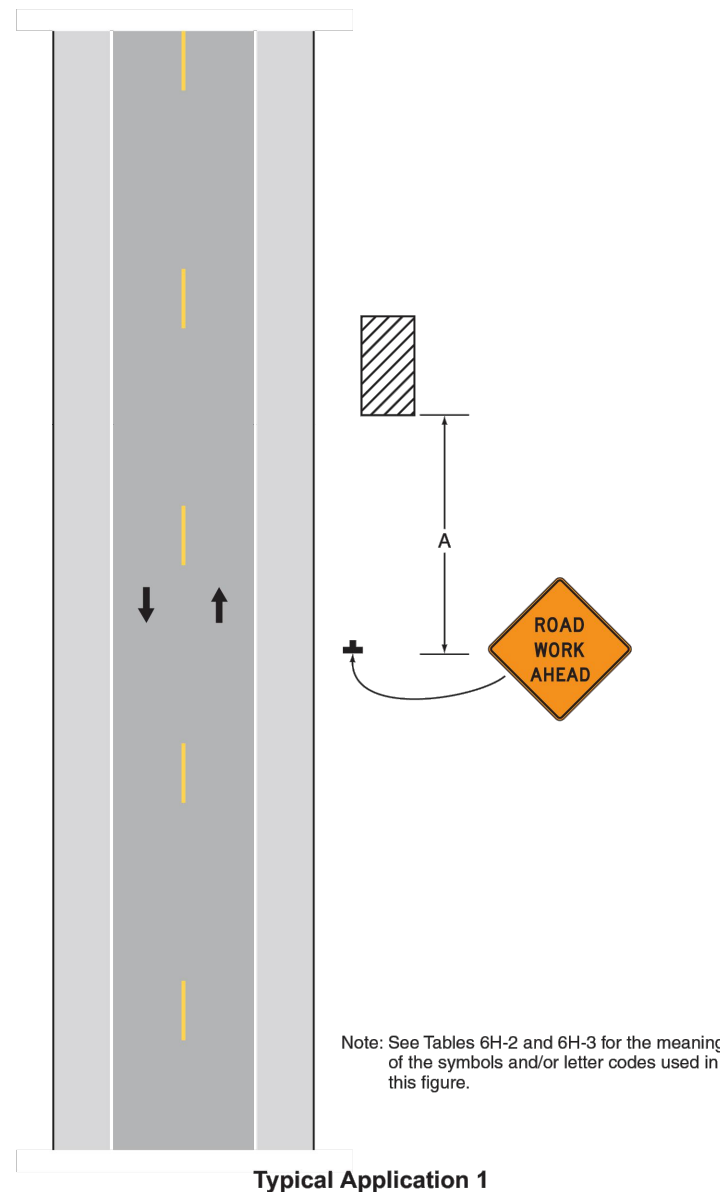
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Figure 6H-1. Work Beyond the Shoulder (TA-1)



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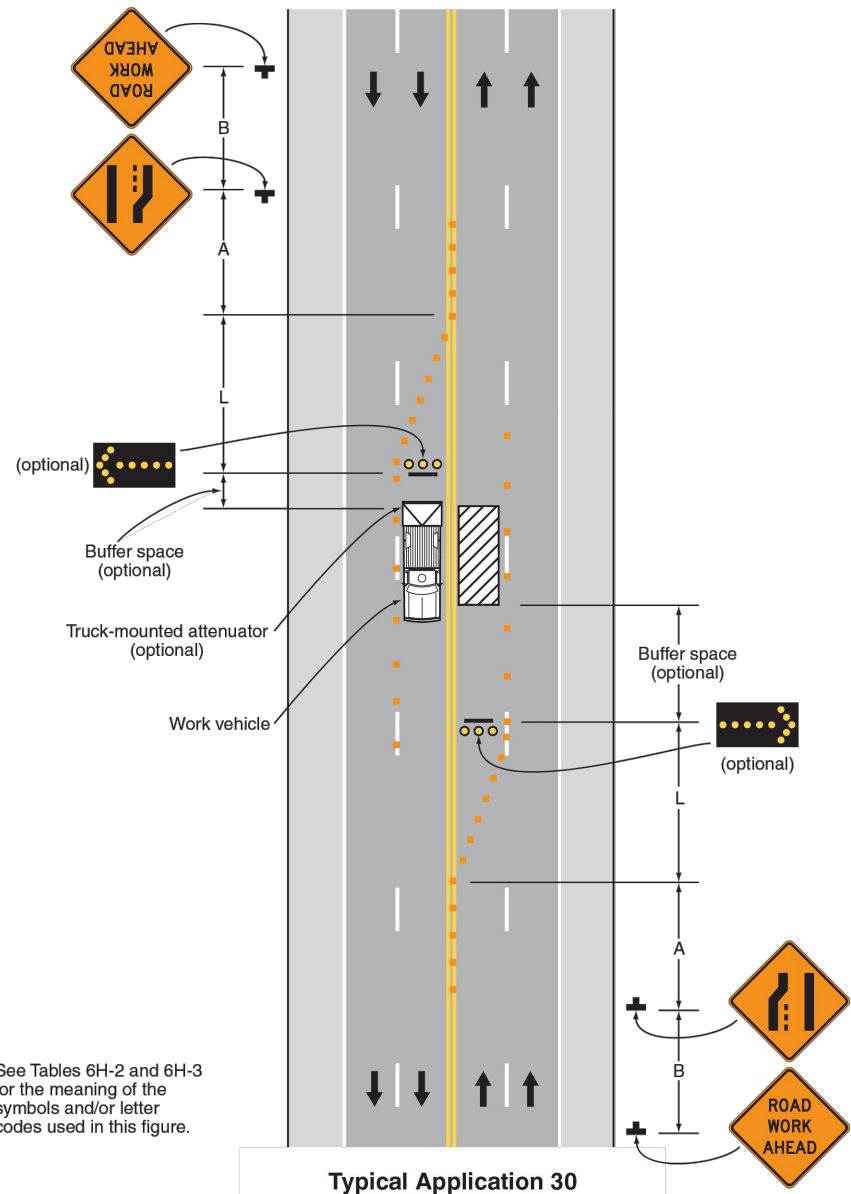
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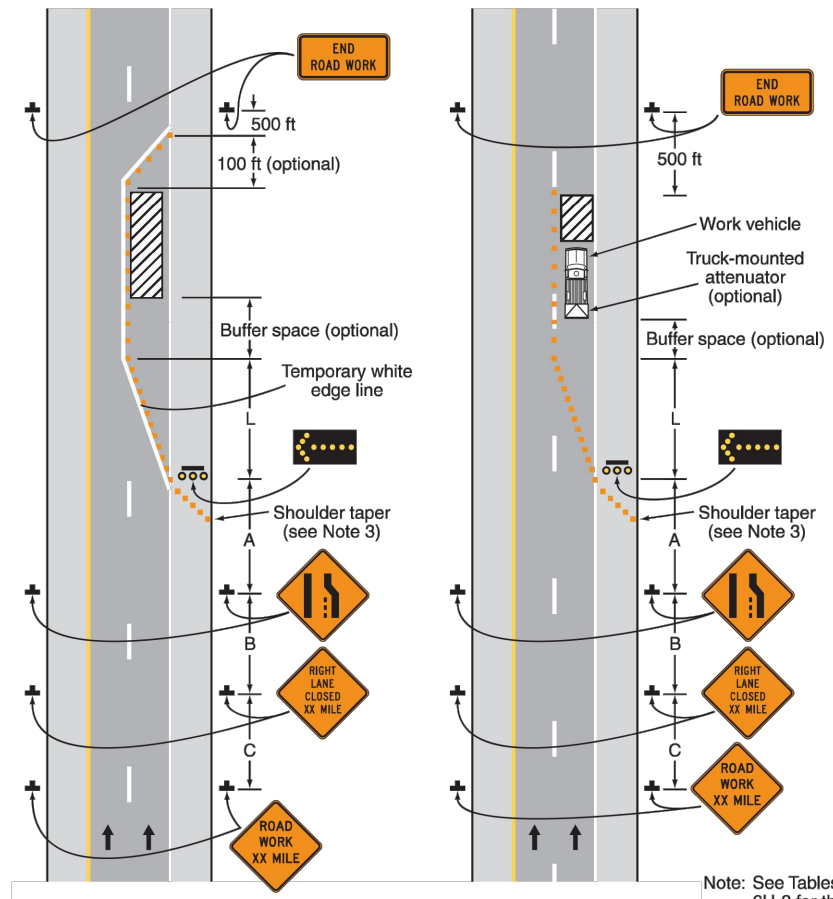
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Figure 6H-30. Interior Lane Closure on a Multi-Lane Street (TA-30)



2

Figure 6H-33. Stationary Lane Closure on a Divided Highway (TA-33)



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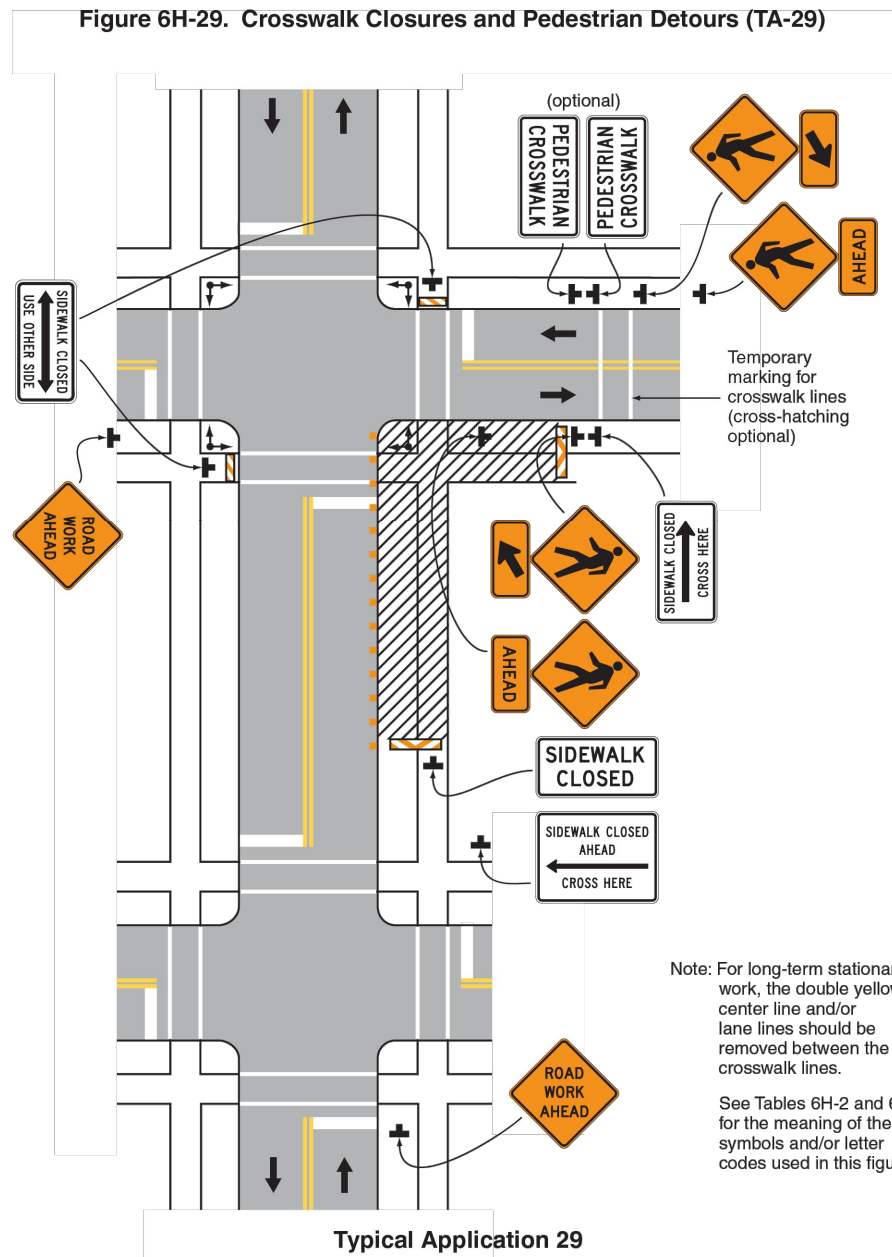
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Typical Application 29

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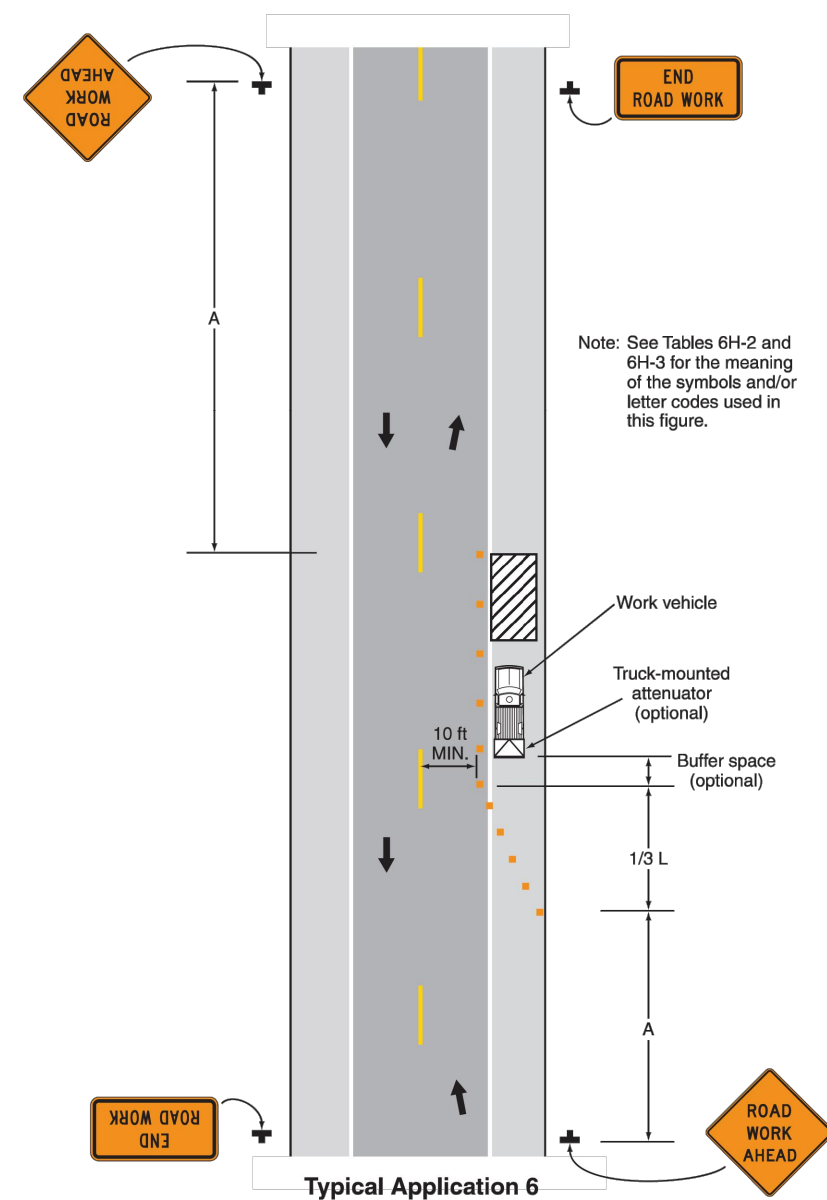
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Figure 6H-6. Shoulder Work with Minor Encroachment (TA-6)



Typical Application 6

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Sect. 6H.01

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Chief Officer, Transportation, County Engineer

Jerry Auge, P.E.
Department Director, Assistant County Engineer

EXCAVATOR AND OPERATOR NOTICE

This notice is for all excavators and operators applying for permits involving excavations - your obligations to comply with Minnesota State Statutes 216D are attached to this notice.

This notice is a requirement of State Statute 216D.02; Notice to Excavators and Operators.

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216D.03 NOTIFICATION CENTER.

Subdivision 1. **Participation.** An operator shall participate in and share in the costs of one statewide notification center operated by a vendor selected under subdivision 2.

Subd. 2. **Establishment of notification center; rules.** (a) The notification center services must be provided by a nonprofit corporation approved in writing by the commissioner. The nonprofit corporation must be governed by a board of directors of up to 20 members, one of whom is the director of the Office of Pipeline Safety. The other board members must represent and be elected by operators, excavators, and other persons eligible to participate in the center. In deciding to approve a nonprofit corporation, the commissioner shall consider whether it meets the requirements of this paragraph and whether it demonstrates that it has the ability to contract for and implement the notification center service.

(b) The commissioner shall adopt rules:

(1) establishing a notification process and competitive bidding procedure for selecting a vendor to provide the notification service;

(2) governing the operating procedures and technology needed for a statewide notification center; and

(3) setting forth the method for assessing the cost of the service among operators.

(c) The commissioner shall select a vendor to provide the notification center service. The commissioner may advertise for bids as provided in section 16C.06, subdivisions 1 and 2, and base the selection of a vendor on best value as provided in section 16C.06, subdivision 6. The commissioner shall select and contract with the vendor to provide the notification center service, but all costs of the center must be paid by the operators. The commissioner may at any time appoint a task force to advise on the renewal of the contract or any other matter involving the center's operations.

(d) An operator may submit a bid and be selected to contract to provide the notification center service under paragraph (a) or (c). The commissioner shall annually review the services provided by the nonprofit corporation approved under paragraph (a) or the vendor selected under paragraph (c).

Subd. 3. **Cooperation with local government.** In establishing operating procedures and technology for the statewide notification center, the board of directors or the commissioner must work in cooperation with the League of Minnesota Cities, the Association of Minnesota Counties, and the Township Officers' Association. The purpose of this cooperation is to maximize the participation of local governmental units that issue permits for activities involving excavation to assure that excavators receive notice of and comply with the requirements of sections 216D.01 to 216D.07.

Subd. 4. **Notice to local government.** The notification center shall provide local governmental units with a master list, by county, of the operators in the county who are participants in the notification center, and the telephone number and mailing address of the notification center.

History: 1987 c 353 s 9; 1997 c 187 art 1 s 15; 1998 c 386 art 2 s 69

216D.04 EXCAVATION; LAND SURVEY.

Subdivision 1. **Notice required; contents.** (a) Except in an emergency, an excavator shall and a land surveyor may contact the notification center and provide notice at least 48 hours, excluding Saturdays, Sundays, and holidays and not more than 14 calendar days before beginning any excavation or boundary survey. An excavation or boundary survey begins, for purposes of this requirement, the first time excavation or a boundary survey occurs in an area that was not previously identified by the excavator or land surveyor in the notice.

(b) The notice may be oral or written, and must contain the following information:

- (1) the name of the individual providing the notice;
- (2) the precise location of the proposed area of excavation or survey;
- (3) the name, address, and telephone number of the individual or individual's company;
- (4) the field telephone number, if one is available;
- (5) the type and extent of the activity;
- (6) whether or not the discharge of explosives is anticipated;
- (7) the date and time when the excavation or survey is to commence; and
- (8) the estimated duration of the activity.

Subd. 1a. **Plans for excavation.** (a) Any person, prior to soliciting bids or entering into a contract for excavation, shall provide a proposed notice to the notification center to obtain from the affected operators of underground facilities the type, size, and general location of underground facilities. Affected operators shall provide the information within 15 working days. An operator who provides information to a person who is not a unit of government may indicate any portions of the information which are proprietary and may require the person to provide appropriate confidentiality protection. The information obtained from affected operators must be submitted on the final drawing used for the bid or contract and must depict the utility quality level of that information. This information must be updated not more than 90 days before completion of the final drawing used for the bid or contract.

(b) This subdivision does not apply to bids and contracts for:

- (1) routine maintenance of underground facilities or installation, maintenance, or repair of service lines;
- (2) excavation for operators of underground facilities performed on a unit of work or similar basis; or
- (3) excavation for home construction and projects by home owners.

(c) A person required by this section to show existing underground facilities on its drawings shall conduct one or more preliminary design meetings during the design phase to communicate the project design and coordinate utility relocation. Affected facility operators shall attend these meetings or make other arrangements to provide information.

(d) A person required by this section to show existing underground facilities on its drawings shall conduct one or more preconstruction meetings to communicate the project design and coordinate utility relocation. Affected facility operators and contractors shall attend these meetings or make other arrangements to provide information.

(e) This subdivision does not affect the obligation to provide a notice of excavation as required under subdivision 1.

Subd. 2. Duties of notification center; regarding notice. The notification center shall assign an inquiry identification number to each notice and retain a record of all notices received for at least six years. The center shall immediately transmit the information contained in a notice to every operator that has an underground facility in the area of the proposed excavation or boundary survey.

Subd. 3. Locating underground facility; operator. (a) Prior to the excavation start time on the notice, an operator shall locate and mark or otherwise provide the approximate horizontal location of the underground facilities of the operator and provide readily available information regarding the operator's abandoned and out-of-service underground facilities as shown on maps, drawings, diagrams, or other records used in the operator's normal course of business, without cost to the excavator. The excavator shall determine the precise location of the underground facility, without damage, before excavating within two feet of the marked location of the underground facility.

(b) Within 96 hours or the time specified in the notice, whichever is later, after receiving a notice for boundary survey from the notification center, excluding Saturdays, Sundays, and holidays, unless otherwise agreed to between the land surveyor and operator, an operator shall locate and mark or otherwise provide the approximate horizontal location of the underground facilities of the operator, without cost to the land surveyor.

(c) For the purpose of this section, the approximate horizontal location of the underground facilities is a strip of land two feet on either side of the underground facilities.

(d) Markers used to designate the approximate location of underground facilities must follow the current color code standard used by the American Public Works Association.

(e) If the operator cannot complete marking of the excavation or boundary survey area before the excavation or boundary survey start time stated in the notice, the operator shall promptly contact the excavator or land surveyor.

(f) After December 31, 1998, operators shall maintain maps, drawings, diagrams, or other records of any underground facility abandoned or out-of-service after December 31, 1998.

(g) An operator or other person providing information pursuant to this subdivision is not responsible to any person, for any costs, claims, or damages for information provided in good faith regarding abandoned, out-of-service, or private or customer-owned underground facilities.

Subd. 4. Locating underground facility; excavator or land surveyor. (a) The excavator or land surveyor shall determine the precise location of the underground facility, without damage, before excavating within two feet on either side of the marked location of the underground facility.

(b) If the excavator or land surveyor cancels the excavation or boundary survey, the excavator or land surveyor shall cancel the notice through the notification center.

(c) The notice is valid for 14 calendar days from the start time stated on the notice. If the activity will continue after the expiration time, then the person responsible for the activity shall serve an additional notice at least 48 hours, excluding Saturdays, Sundays, and holidays, before the expiration time of the original notice, unless the excavator makes arrangements with the operators affected to periodically verify or refresh the marks, in which case the notice is valid for six months from the start time stated on the notice.

(d) The excavator is responsible for reasonably protecting and preserving the marks until no longer required for proper and safe excavation near the underground facility. If the excavator has reason to believe the marks are obliterated, obscured, missing, or incorrect, the excavator shall notify the facility operator or notification center in order to have an operator verify or refresh the marks.

History: *1987 c 353 s 10; 1992 c 493 s 5; 1993 c 341 art 1 s 21; 1997 c 196 s 1; 1998 c 348 s 1-3; 2004 c 163 s 2-6*

216D.05 PRECAUTIONS TO AVOID DAMAGE.

An excavator shall:

- (1) plan the excavation to avoid damage to and minimize interference with underground facilities in and near the construction area;
- (2) use white markings for proposed excavations except where it can be shown that it is not practical;
- (3) maintain a clearance between an underground facility and the cutting edge or point of any mechanized equipment, considering the known limit of control of the cutting edge or point to avoid damage to the facility;
- (4) provide support for underground facilities in and near the construction area, including during backfill operations, to protect the facilities; and
- (5) conduct the excavation in a careful and prudent manner.

History: *1987 c 353 s 11; 1998 c 348 s 4; 2004 c 163 s 7*

216D.06 DAMAGE TO FACILITY.

Subdivision 1. **Notice; repair.** (a) If any damage occurs to an underground facility or its protective covering, the excavator shall notify the operator promptly. When the operator receives a damage notice, the operator shall promptly dispatch personnel to the damage area to investigate. If the damage results in the escape of any flammable, toxic, or corrosive gas or liquid or endangers life, health, or property, the excavator responsible shall immediately notify the operator and the 911 public safety answering point, as defined in section 403.02, subdivision 19, and take immediate action to protect the public and property. The excavator shall also attempt to minimize the hazard until arrival of the operator's personnel or until emergency responders have arrived and completed their assessment. The 911 public safety answering point shall maintain a response plan for notifications generated by this section.

(b) An excavator shall delay backfilling in the immediate area of the damaged underground facilities until the damage has been investigated by the operator, unless the operator authorizes otherwise. The repair of damage must be performed by the operator or by qualified personnel authorized by the operator.

(c) An excavator who knowingly damages an underground facility, and who does not notify the operator as soon as reasonably possible or who backfills in violation of paragraph (b), is guilty of a misdemeanor.

Subd. 2. **Cost reimbursement.** (a) If an excavator damages an underground facility, the excavator shall reimburse the operator for the cost of necessary repairs, and for a pipeline the cost of the product that was being carried in the pipeline and was lost as a direct result of the damage.

(b) Reimbursement is not required if the damage to the underground facility was caused by the sole negligence of the operator or the operator failed to comply with section 216D.04, subdivision 3.

Subd. 3. **Prima facie evidence of negligence.** It is prima facie evidence of the excavator's negligence in a civil court action if damage to the underground facilities of an operator resulted from excavation, and the excavator failed to give an excavation notice under section 216D.04 or provide support as required by section 216D.05.

History: 1987 c 353 s 12; 1999 c 43 s 1

216D.07 EFFECT ON LOCAL ORDINANCES.

(a) Sections 216D.01 to 216D.07 do not affect or impair local ordinances, charters, or other provisions of law requiring permits to be obtained before excavating.

(b) A person with a permit for excavation from the state or a public agency is subject to sections 216D.01 to 216D.07. The state or public agency that issued a permit for excavation is not liable for the actions of an excavator who fails to comply with sections 216D.01 to 216D.07.

History: *1987 c 353 s 13*

CHAPTER 7560
OFFICE OF PIPELINE SAFETY
EXCAVATION NOTICE SYSTEM

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7560.0100 DEFINITIONS.

Subpart 1. **Scope.** The terms used in this chapter have the meanings given them. Terms not defined in this part have the meanings given them in Minnesota Statutes, section 216D.01.

Subp. 1a. **Abandoned facility.** "Abandoned facility" means an underground facility that is no longer in service and is physically disconnected from a portion of the operating facility that is in use or still carries service. An abandoned facility has been deemed abandoned by the operator.

Subp. 2. **Director.** "Director" means the director of the Office of Pipeline Safety of the Minnesota Department of Public Safety.

Subp. 3. **Good cause to believe.** "Good cause to believe" means grounds put forth in good faith that are not arbitrary, irrational, unreasonable, or irrelevant and that are based on at least one of the following sources:

- A. information from a person;
- B. facts supplied by the notification center defined in Minnesota Statutes, section 216D.01, subdivision 8;
- C. facts of which the director or an agent of the director has personal knowledge; and
- D. information provided by excavators or operators.

Subp. 4. **Locate.** "Locate" means an operator's markings of an underground facility.

Subp. 5. [Renumbered as subp 8]

Subp. 5a. [Renumbered as subp 9]

Subp. 6. [Renumbered as subp 11]

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Subp. 7. **Meet.** When used as a noun in this chapter, "meet" refers to a meeting at the site of proposed excavation requested at the time of notice by the excavator with all affected underground facility operators to further clarify the precise geographic location of excavation, schedule locating, propose future contacts, and share other information concerning the excavation and facilities.

Subp. 8. **Office.** "Office" means the Office of Pipeline Safety of the Minnesota Department of Public Safety.

Subp. 9. **Out-of-service facility.** "Out-of-service facility" means an underground facility that is no longer maintained and is not intended for future use, but has not been deemed abandoned. An out-of-service facility may still be connected to a portion of the operating facility that is in use or still carries service.

Subp. 10. **Public right-of-way.** "Public right-of-way" means the area on, below, or above a public roadway, highway, street, cartway, bicycle lane, and sidewalk in which a government unit has an interest, including other rights-of-way dedicated for travel purposes and utility easements of government units.

Subp. 11. **Remuneration.** "Remuneration" means direct or indirect compensation or consideration paid to the person or the person's agent, employer, employee, subcontractor, or contractor. A person who excavates as part of the person's duties as an employee, employer, agent, subcontractor, or contractor is considered to be acting for remuneration.

Subp. 12. **Service lateral.** "Service lateral" means an underground facility that is used to transmit, distribute, or furnish gas, electricity, communications, or water from a common source to an end-use customer. A service lateral is also an underground facility that is used in the removal of wastewater from a customer's premises.

Statutory Authority: *MS s 14.06; 216D.08; 299F.56; 299F.60; 299F.641; 299J.04*

History: *16 SR 135; 24 SR 448; 29 SR 1503*

Published Electronically: *July 20, 2005*

7560.0125 ABANDONED AND OUT-OF-SERVICE FACILITIES.

Subpart 1. **Duty of operators to provide readily available information.** Operators shall provide readily available information, as shown on maps, drawings, diagrams, or other records used in the normal course of business, on the approximate location of abandoned and out-of-service facilities to an excavator by the excavation date and time noted on the excavation or location notice unless otherwise agreed between the excavator and the operator. An operator fulfills an obligation to provide information on these facilities by doing one or more of the following:

A. locating and marking the approximate location of the facility according to the current color code standard used by the American Public Works Association, as required in Minnesota Statutes, section 216D.04, subdivision 3, with an abandoned or out-of-service facility identified by an uppercase A surrounded by a circle;

B. providing informational flags at the area of proposed excavation;

C. communicating information verbally; or

D. providing copies of maps, diagrams, or records.

Subp. 2. **Duty to notify operator.** An excavator shall notify the operator:

A. before moving, removing, or otherwise altering a facility that is thought to be abandoned or out of service; or

B. if damage to the facility occurs, pursuant to Minnesota Statutes, section 216D.01, subdivision 2.

Subp. 3. **Verification of abandoned or out-of-service facility.** Upon receipt of notification by an excavator pursuant to subpart 2, an operator shall verify that an underground facility is abandoned or out of service, by either reference to installation records, testing, or other comparable standard of verification, before an excavator is allowed to move, remove, or otherwise alter an underground facility.

Subp. 4. **Liability.** An operator providing information pursuant to Minnesota Statutes, section 216D.04, subdivision 3, is not responsible to any person for any costs, claims, or damages for information provided in good faith regarding abandoned and out-of-service underground facilities.

Statutory Authority: *MS s 14.06; 216D.08; 299J.04; 299F.60*

History: *24 SR 448*

Published Electronically: *July 20, 2005*

7560.0150 PUBLIC RIGHT-OF-WAY MAPPING AND INSTALLATION.

Subpart 1. **Duty of operator to map.** After December 31, 2005, an operator shall maintain a map, a diagram, a drawing, or geospatial information regarding the location of its underground facility within a public right-of-way installed after that date.

Subp. 2. **Duty to install locating wire.** After December 31, 2005, an operator shall install a locating wire or have an equally effective means of marking the location of each nonconductive underground facility within a public right-of-way installed after that date. This requirement does not apply when making minor repairs to an existing nonconductive facility. As applied to this chapter, "minor repairs" means repairs to or partial replacement of portions of existing service laterals located within a public right-of-way for purposes of routine maintenance and upkeep.

Statutory Authority: *MS s 299J.04*

History: *29 SR 1503*

Published Electronically: *July 20, 2005*

7560.0200 [Repealed, 24 SR 448]

Published Electronically: *July 20, 2005*

7560.0225 EXCAVATOR RESPONSIBILITIES REGARDING A LOCATE.

Subpart 1. [Repealed, 29 SR 1503]

Subp. 2. **Responsibility to protect and preserve.** The excavator is responsible for reasonably protecting and preserving a locate until no longer required for proper and safe excavation near the underground facility. If the excavator has reason to believe a locate is obliterated, obscured, missing, or incorrect, the excavator shall notify the facility operator or notification center in order to have an operator verify, refresh, or re-mark the locate.

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Subp. 3. **Use of locate.** A locate is valid for 14 days from the excavation commencement time stated on the excavation or location notice, unless the excavator has made previous arrangements with the operators affected to periodically verify, refresh, or re-mark the locate.

Statutory Authority: *MS s 14.06; 216D.08; 299J.04; 299F.60*

History: *24 SR 448; 29 SR 1503*

Published Electronically: *July 20, 2005*

7560.0250 LOCATE STANDARDS.

Subpart 1. **Facility locate.** Unless otherwise agreed to between the excavator and operator, an operator shall locate an underground facility using stakes, flags, paint, or other suitable materials in varying combinations dependent upon the surface. The locate must be in sufficient detail to clearly identify the approximate route of the underground facility. The locate must also include:

- A. name, abbreviation, or logo of the operator when more than one operator listed on the notice uses the same color markings;
- B. width of the underground facility if it is greater than eight inches; and
- C. number of underground facilities if greater than one.

Subp. 2. **Operator duties in no conflict situation.** After December 31, 2005, an operator who receives notice and determines that an underground facility is not in conflict with the proposed excavation shall complete one or more of the following:

- A. mark the area "NO" followed by the operator's name, abbreviation, or logo in the color code of the underground facility not in conflict;
- B. place a clear plastic flag at the area that:
 - (1) states "N/C" or "NO CONFLICT" in lettering matching the color code of the underground facility that is not in conflict; and
 - (2) includes the operator's name, abbreviation, or logo, the date, a contact telephone number, and the ticket number; or
- C. contact the notification center through procedures required by the notification center and indicate that there are no underground facilities in conflict with the proposed excavation and that no markings or flags were left at the proposed excavation site.

Subp. 3. **Placement of flags or markings.** If using N/C (no conflict) flags or markings pursuant to subpart 2, an operator shall place the flags or markings in a location that can be readily observed by an excavator. When an area of proposed excavation is delineated by the use of white markings, an operator shall place the N/C flags or markings within, or as near as practicable to, the delineated area.

Subp. 4. **Duties of notification center.** After December 31, 2005, the notification center shall make the information received under subpart 2 available to the excavator before the start date and time on the notice. The notification center may fulfill this requirement by making the information accessible through one or more Internet addresses, by transmitting the information to a continuously working facsimile machine maintained by the excavator, or by other methodology developed by the notification center. The notification center shall make available the information received by operators pursuant to this section through

an electronic means. The notification center is not required by this subpart to contact an excavator verbally via telephone.

Statutory Authority: *MS s 299J.04*

History: *29 SR 1503*

Published Electronically: *July 20, 2005*

7560.0300 OPERATOR PARTICIPATES AND SHARES COSTS.

An operator shall participate in and share the costs of the one call excavation notice system by:

- A. submitting the information required by the notification center to allow the center to notify the operator of excavation activity;
- B. updating the information provided to the notification center on a timely basis;
- C. installing and paying for equipment reasonably requested by the notification center to facilitate receipt of notice of excavation from the center;
- D. paying the costs charged by the notification center on a timely basis; and
- E. receiving and responding to excavation notices, including emergency notices, as required by Minnesota Statutes, chapter 216D.

Statutory Authority: *MS s 14.06; 216D.08; 299F.56; 299F.641*

History: *16 SR 135*

Published Electronically: *July 20, 2005*

7560.0325 EMERGENCY EXCAVATION NOTICES.

Subpart 1. **Duty of excavator to provide notice.** An excavator shall provide notice to the notification center before commencing an emergency excavation, unless subpart 2 applies. All emergency notices, regardless whether made prior to excavation, must be verbal or in a manner accepted by the notification center. In addition to the information required by the notification center, the notice must also contain:

- A. a description of the situation requiring the emergency excavation;
- B. the precise location of the proposed area of the emergency excavation;
- C. at least one continuously staffed telephone number where the excavator can be contacted by the operator throughout the emergency; and
- D. the excavation start date and time if the need for excavation is not immediate.

Subp. 2. **Excavating before notice.** If an emergency is such that providing notice or waiting for an operator would result in an undue risk to life, health, or significant loss of property, the excavator may excavate without providing prior notice or waiting for an operator to mark an underground facility. In this situation, the excavator shall provide notice as soon as practicable and take all reasonable precautions to avoid or minimize damage. Excavation prior to notice under this subpart does not relieve an excavator from any responsibility for damage to an underground facility pursuant to Minnesota Statutes, section 216D.06.

Subp. 3. **Emergency notice requesting immediate response.** Upon receiving an emergency excavation notice requesting an immediate response, an operator shall:

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A. attempt to contact the excavator within one hour at the telephone number provided in subpart 1, item C, to provide any information concerning facilities at or near the area of excavation including an anticipated response time; and

B. locate and mark the underground facility within three hours of notice unless:

- (1) otherwise agreed between the parties;
- (2) the operator notifies the excavator that not locating does not present an immediate danger to life or health, or a significant loss of property; or
- (3) there is an event or situation that cannot be reasonably anticipated or controlled by the operator.

Subp. 4. **Emergency notice requesting scheduled response.** Upon receiving an emergency excavation notice that does not require an immediate response, and before the scheduled excavation start date and time, an operator shall:

A. locate and mark the underground facility, unless otherwise agreed between the parties; or

B. notify the excavator at the telephone number provided in subpart 1, item C, that there is not an underground facility within the area of proposed excavation.

For purposes of this subpart, a requested start time of three hours or less from the time notice is provided to the center is considered an emergency notice requesting immediate response under subpart 3.

Statutory Authority: *MS s 299J.04*

History: *29 SR 1503*

Published Electronically: *July 20, 2005*

7560.0350 EXCAVATION NOTICE REQUESTING MEET.

Subpart 1. **Excavator duties.** When requesting a meet through the notification center, an excavator must provide at least one contact name and telephone number to assist in facilitating the meet. An excavator shall contact the notification center to cancel or reschedule the meet and the notification center shall relay this information to the affected operators. When a meet is requested, an excavator's notice must include the entire geographic area of the proposed excavation and the specific location of the meet. This part does not relieve an excavator from the duty to provide a precise geographic location of the proposed area of excavation, or to use white markings except where it can be shown that to do so is not practical.

Subp. 2. **Operator duties.** When a meet is requested, an affected operator shall make a reasonable effort to attend the meet at the proposed date and time, or contact the excavator before the meet and reschedule for a mutually agreed date and time.

Subp. 3. **Excavation start date and time.** When a meet is requested, the meet date and time must be at least 48 hours after notice is provided, excluding Saturdays, Sundays, and holidays, and the excavation start date and time must be at least 24 hours after the proposed meet date and time specified on the notice, excluding Saturdays, Sundays, and holidays. This subpart does not apply if these matters are provided for in a written agreement with all affected operators.

Subp. 4. **Meet request documentation.** An excavator shall maintain written documentation of each meet with an underground facility operator or representative. This documentation must be kept for the duration of the excavation conducted under the notice. The documentation must include:

- A. the date and time of each meet;
- B. the names, company affiliations, and contact information of the attendees of each meet;
- C. a diagram, sketch, or description of the precise excavation locations, dates, and times; and
- D. the agreed schedule of any future meets or communications.

Statutory Authority: *MS s 299J.04*

History: *29 SR 1503*

Published Electronically: *July 20, 2005*

7560.0375 LOCATING A SERVICE LATERAL.

Subpart 1. **Operator duties.** Unless otherwise agreed, an underground facility operator shall locate a service lateral before the start date and time on the notice and in accordance with items A through C:

A. An operator of a natural gas, propane, or electric facility shall locate a service lateral up to the meter or the connection to a customer's underground facility, whichever is closer to the end-use customer. If the meter or connection to the customer's underground facility is within a public right-of-way, at a minimum the operator shall locate that portion of the service lateral within the public right-of-way up to the point where the service lateral first leaves the public right-of-way.

B. An operator of a communication facility shall locate a service lateral up to the entry of the first building. If the service lateral does not enter a building, the operator shall locate up to the utilization equipment, fence, or wall that surrounds the equipment.

C. After December 31, 2005, an operator of a sewage or water facility, at a minimum, shall locate that portion of the service lateral within a public right-of-way installed after that date up to the point where the service lateral first leaves the public right-of-way. The operator shall either locate or provide information as shown on maps, drawings, diagrams, or other records, on the location of a sewer or water service lateral installed before January 1, 2006. If no information is available on a sewer or water service lateral installed before January 1, 2006, then notifying the excavator that no information exists fulfills the requirements of this section.

Subp. 2. **Exception.** An operator is not required to locate a service lateral of a customer who currently participates in the statewide notification system, provided the customer and operator mutually agree that the customer will assume locate responsibilities. The agreement must be in writing.

Statutory Authority: *MS s 299J.04*

History: *29 SR 1503*

Published Electronically: *July 20, 2005*

7560.0400 CITATIONS.

Subpart 1. **Notice of violation.** The office shall issue a notice of probable violation when the office has good cause to believe a violation of Minnesota Statutes, sections 216D.01 to 216D.09 or this chapter has occurred.

Subp. 2. **Contents of notice of violation.** A notice of violation must include:

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- A. a statement of the statute or rule allegedly violated by the person and a description of the evidence on which the allegation is based;
- B. notice of response options available to the person cited;
- C. notice that the person has 30 days in which to respond;
- D. notice that failure to respond within 30 days precludes administrative review under this chapter; and
- E. if a civil penalty is proposed, the amount of the proposed civil penalty and the maximum civil penalty applicable under law.

Subp. 3. **Receipt of notice.** The notice of violation is deemed received three days after mailing to the person's last known address.

Statutory Authority: *MS s 14.06; 216D.08; 299F.56; 299F.60; 299F.641; 299J.04*

History: *16 SR 135; 24 SR 448*

Published Electronically: *July 20, 2005*

7560.0500 RESPONSE OPTIONS.

The person shall respond to the notice of violation in the following way:

- A. When the notice contains a proposed compliance order, the person shall:
 - (1) agree to the proposed compliance order;
 - (2) request the execution of a consent order;
 - (3) object to the proposed compliance order and submit written explanations, information, or other materials in answer to the allegations in the notice; or
 - (4) request the office to initiate a hearing under Minnesota Statutes, sections 14.50 to 14.69.
- B. When the notice contains a proposed civil penalty, the person shall:
 - (1) pay the penalty and close the case;
 - (2) submit an offer in compromise of the proposed civil penalty;
 - (3) submit a written explanation, information, or other material in answer to the allegations or in mitigation of the proposed civil penalty; or
 - (4) request the office to initiate a hearing under Minnesota Statutes, sections 14.50 to 14.69.
- C. Failure to respond in writing within 30 days precludes administrative review under this chapter. A final order will be issued and penalties will be forwarded for collection.

Statutory Authority: *MS s 14.06; 216D.08; 299F.56; 299F.60; 299F.641; 299J.04*

History: *16 SR 135; 24 SR 448*

Published Electronically: *July 20, 2005*

7560.0600 DIRECTOR REVIEW.

If the person objects to the proposed civil penalty or compliance order and submits written explanations, information, or other materials in response to a notice of violation, within the time specified in part 7560.0500, the director shall review the submissions and determine whether to negotiate further, to change or withdraw the notice of violation, or to initiate a hearing under Minnesota Statutes, sections 14.50 to 14.69.

Statutory Authority: *MS s 14.06; 216D.08; 299F.56; 299F.60; 299F.641; 299J.04*

History: *16 SR 135; 24 SR 448*

Published Electronically: *July 20, 2005*

7560.0700 CONSENT ORDER.

An executed consent order must contain:

- A. an admission by the person of the jurisdictional facts;
- B. a waiver of further procedural steps and the right to seek judicial or administrative review or otherwise challenge or contest the validity of the consent order; and
- C. an agreement that the notice of violation may be used to construe the terms of the consent order.

Statutory Authority: *MS s 14.06; 216D.08; 299F.56; 299F.641*

History: *16 SR 135*

Published Electronically: *July 20, 2005*

7560.0800 CIVIL PENALTIES.

Subpart 1. **Proceedings against excavators.** When the office has good cause to believe that an excavator is engaging or has engaged in conduct that violates Minnesota Statutes, section 216D.04, subdivision 1, 2, or 3; 216D.05, clause (1), (2), (3), or (4); or 216D.06, subdivision 1, or a rule adopted under Minnesota Statutes, section 216D.08, subdivision 4, the office, if appropriate, shall negotiate a civil penalty under Minnesota Statutes, section 216D.08, subdivision 2. A penalty imposed under Minnesota Statutes, section 216D.08, is subject to the contested case and judicial review provisions of Minnesota Statutes, chapter 14. An operator who engages or has engaged in excavation that violates Minnesota Statutes, chapter 216D, is subject to the proceedings specified in subpart 2 and is subject to the penalties specified in subpart 4, item B or C.

Subp. 2. **Proceedings against underground facility operators.** The office may negotiate a civil penalty under item A or B.

A. When the office has good cause to believe that an underground facility operator, other than an operator set forth in item B, is engaging or has engaged in conduct that violates Minnesota Statutes, sections 216D.01 to 216D.07, or a rule adopted under Minnesota Statutes, section 216D.08, subdivision 4, the office, if appropriate, shall negotiate a civil penalty under Minnesota Statutes, section 216D.08, subdivision 2. A penalty imposed under Minnesota Statutes, section 216D.08, is subject to the contested case and judicial review provisions of Minnesota Statutes, chapter 14.

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B. When the office has good cause to believe that an operator who engages in the transportation of gas or hazardous liquids or who owns or operates a gas or hazardous liquid pipeline facility is engaging or has engaged in conduct that violates Minnesota Statutes, sections 299F.56 to 299F.641, or a rule adopted under Minnesota Statutes, section 299F.60, subdivision 5, the office, if appropriate, shall negotiate a civil penalty under Minnesota Statutes, section 299F.60, subdivision 2. A penalty imposed under Minnesota Statutes, section 299F.60, is subject to the contested case and judicial review provisions of Minnesota Statutes, chapter 14.

Subp. 3. **Assessment considerations.** In assessing a civil penalty under this part, the office shall consider the following factors:

- A. the nature, circumstances, and gravity of the violation;
- B. the degree of the person's culpability;
- C. the person's history of previous offenses;
- D. the person's ability to pay;
- E. good faith on the part of the person in attempting to remedy the cause of the violation;
- F. the effect of the penalty on the person's ability to continue in business; and
- G. past reports of damage to an underground facility by a person.

Subp. 4. **Maximum penalties.** For the purposes of this part, penalties imposed under this part must not exceed the limits in items A to C.

A. Penalties imposed against excavators must not exceed \$1,000 for each violation per day of violation.

B. Penalties imposed against underground facility operators, other than an operator set forth in item C, must not exceed \$1,000 for each violation per day of violation.

C. Penalties imposed against an operator who engages in the transportation of gas or hazardous liquids or who owns or operates a gas or hazardous liquid pipeline facility must not exceed \$10,000 for each violation for each day that the violation persists, except that the maximum civil penalty must not exceed \$500,000 for a related series of violations.

Subp. 5. **Payment procedure.** The person shall pay a civil penalty that has been proposed, assessed, or compromised by submitting to the office a check or money order in the correct amount, payable to the commissioner of public safety.

Statutory Authority: *MS s 14.06; 216D.08; 299F.56; 299F.60; 299F.641; 299J.04*

History: *16 SR 135; 24 SR 448*

Published Electronically: *July 20, 2005*

Certificate Of Completion

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Christine Strileckis
 christine.strileckis@flocksafety.com
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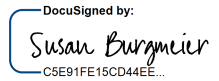
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Susan Burgmeier
 Susan.Burgmeier@anokacountymn.gov
 Associate Traffic Technician
 Anoka County
 Signing Group: Highway Permits
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Carbon Copy Events	Status	Timestamp
Christine Strileckis christine.strileckis@flocksafety.com Permitting Associate Flock Group Inc Security Level: Email, Account Authentication (Optional)	COPIED	Sent: 7/19/2024 6:51:52 AM
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Witness Events	Signature	Timestamp
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Notary Events	Signature	Timestamp
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