# CITY OF TURLOCK

CONSTRUCTION PLANS FOR

#### ROADS PROGRAM CAPITAL IMPROVEMENT PROJECT

CITY PROJECT NO. 23-031

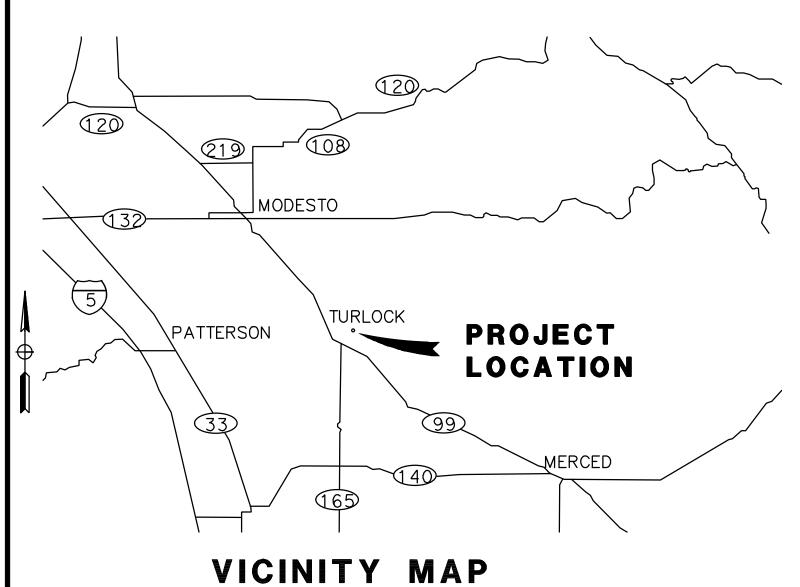
#### PLAN PACKAGE 1

MISSION ST: N QUINCY RD TO OLD VINEYARD RD TOKAY AVE: N QUINCY RD TO N JOHNSON RD

N QUINCY RD: E MARSHALL ST TO E CANAL DR

SUPPLEMENTED BY CALTRANS STANDARD PLANS AND STANDARD SPECIFICATIONS DATED 2023 & CITY OF TURLOCK ENGINEERING DESIGN STANDARD SPECIFICATIONS AND DRAWINGS DATED





CALIFORNIA STATE MAP

NO SCALE

CITY OF TURLOCK

#### CALL BEFORE YOU DIG

NO SCALE

THE CONTRACTOR SHALL CALL "UNDERGROUND SERVICE ALERT" (USA) AT 811 AT LEAST 2 WORKING DAYS PRIOR TO PERFORMING ANY EXCAVATION

## E CANAL Dr MISSION S+ SIERRA VISTA Dr TOKAY Ave CARRIGAN St CHARLES PI ZINFANDEL Ln E MARSHALL ST BARBARA Wy MARLEE Dr

#### PROJECT LOCATION MAP

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#### CITY OF TURLOCK APPROVAL

| Was & Man                      | 4/0/0004 |
|--------------------------------|----------|
| Walland                        | 4/2/2024 |
| WILLIAM D. MORRIS, P.E., P.L.S | DATE     |
| CITY ENGINEER                  |          |
| PUBLIC WORKS DEPARTMENT        |          |

#### UTILITY CONTACTS

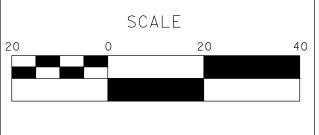
| UTILITY                            | CONTACT            | PHONE          |
|------------------------------------|--------------------|----------------|
| AT&T                               | JIM JELLEY         | (209) 507-1689 |
| CHARTER<br>COMMUNICATIONS          | MITCHELL RODRIQUEZ | (408) 612-7569 |
| TID ELECTRICAL                     | DAVID PORATH       | (209) 605-0945 |
| TID IRRIGATION                     | TODD TROGLIN       | (209) 535-1882 |
| CITY OF TURLOCK<br>ELETRICAL       | DOYLE PERRY        | (209) 678-5823 |
| CITY OF TURLOCK<br>STORM AND SEWER | CARLOS GUERRERO    | (209) 345-2169 |
| CITY OF TURLOCK<br>WATER           | ORLANDO GUITERREZ  | (209) 740-3868 |
| PG&E                               | TRENT MILLSAP      | (209) 561-6070 |
|                                    |                    |                |

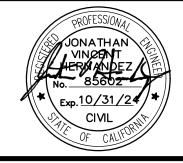
DESIGNED BY: ANGEL P. ANGEL P. DRAWN BY: CHECKED BY: JON H.

SCALE: AS SHOWN DATE: 3/26/2024 JOB NO.: 23-00109

ALL REFERENCES AND WRITTEN
DIMENSIONS SHALL SUPERCEDE ALL
SCALED DISTANCES AND SHALL BE
VERIFIED IN THE FIELD. ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.









701 UNIVERSITY AVENUE, SUITE 200 SACRAMENTO, CALIFORNIA 95825 (916) 381-9100 FAX:(916)381-9180 markthomas.com



### TURLOCK TITLE SHEET

CITY OF TURLOCK **ROADS PROGRAM - CIP** 

Sheet \_\_1\_ **54** Sheets

T - 1

#### **GENERAL NOTES:**

- THE CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR. JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER, THE ENGINEER AND THE CITY HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
- 2. UNLESS OTHERWISE STATED, ALL STATIONS INDICATED ON THE IMPROVEMENT PLANS ARE REFERENCED TO THE CENTER LINE OF THE STREET. ALL STATIONS ON THE CURBS ARE PERPENDICULAR TO OR RADIALLY OPPOSITE CENTER LINE STATIONS, UNLESS OTHERWISE NOTED.
- 3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF ALL EXISTING FACILITIES.
- 4. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN OR OTHER DEVICES NECESSARY TO PROVIDE FOR PUBLIC SAFETY IN ACCORDANCE WITH THE CURRENT EDITION OF STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION, MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- 5. ALL MATERIALS, WORKMANSHIP, AND CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT CITY OF TURLOCK
  STANDARD SPECIFICATIONS AND DRAWINGS; AND THE LATEST EDITION OF THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION, STANDARD
  SPECIFICATIONS. CITY OF TURLOCK STANDARD DRAWINGS ARE AVAILABLE AT THE OFFICE OF THE PUBLIC WORKS DEPARTMENT.
- 6. CONSTRUCTION STAKING AND SURVEY IS THE RESPONSIBILITY OF THE CONTRACTOR. CONSTRUCTION STAKING SHALL BE PERFORMED BY A REGISTERED SURVEYOR OR ENGINEER RETAINED AND PAID FOR BY THE CONTRACTOR. THE SURVEYOR OR ENGINEER SHALL CERTIFY ON THE FINAL CONSTRUCTION DRAWING THAT THE STAKING WAS PERFORMED ACCORDING TO THE APPROVED PLANS.
- 7. TO SCHEDULE AN INSPECTION, THE CONTRACTOR SHALL CALL MANUEL QUINTERO (209)668-5484, AT LEAST 24~HOURS PRIOR TO THE REQUIRED INSPECTION. THE CITY PUBLIC WORKS DEPARTMENT WILL MAKE EVERY EFFORT TO PERFORM THE INSPECTION WITHIN THE NEXT BUSINESS DAY.
- 8. THE CITY OF TURLOCK OR ASSOCIATED UTILITY COMPANY AND RESIDENCES TO BE AFFECTED SHALL BE NOTIFIED IMMEDIATELY UPON ANY UTILITY SERVICE DISRUPTION AND A 48 HOUR NOTICE SHALL BE GIVEN FOR ANY PLANNED DISRUPTION.
- 9. DUST SHALL BE CONTROLLED BY THE CONTRACTOR AT ALL TIMES, INCLUDING HOLIDAYS AND WEEKENDS, PER SECTION 10 OF THE 2023 STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS AND THE CITY OF TURLOCK STANDARD SPECIFICATIONS. WATER USED FOR DUST CONTROL AND COMPACTION MAY BE PURCHASED FROM THE APPROPRIATE AGENCY PRIOR TO THE START OF ANY WORK, AND ANY FEES OR DEPOSITS ARE THE RESPONSIBILITY OF THE CONTRACTOR. IT IS ALSO THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN CLEANLINESS OF THE EXISTING IMPROVED STREETS IN THE CONSTRUCTION AREA.
- 10. THE CONTRACTOR IS REQUIRED TO MAINTAIN PUBLIC SAFETY AT ALL TIMES. ANY OPERATION OR SITUATION THAT THREATENS THE SAFETY OF THE WORKERS OR PUBLIC, INCLUDING IMPROPER TRAFFIC CONTROL, WILL CAUSE THE SUSPENSION OF WORK UNTIL CORRECTIONS ARE MADE AND NO ADJUSTMENTS TO WORKING DAYS WILL BE GRANTED.
- 11. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN A CLEAN AND SAFE WORKSITE AT ALL TIMES. IF THE CONTRACTOR FAILS TO MAINTAIN A CLEAN WORKSITE, THE CITY MAY ORDER STREET SWEEPING OR ORDER CORRECTIVE ACTION AT COST TO THE CONTRACTOR.
- 12. MATERIALS TESTING IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE COORDINATED WITH THE ENGINEER.
- 13. STANDARD DRAWING NUMBERS SHOWN ON THE PLANS REFER TO DRAWINGS CONTAINED IN THE CITY OF TURLOCK STANDARD SPECIFICATIONS AND DRAWINGS, SHOWN THUS; (i E. STD C~1)
- 14. THE CONTRACTOR SHALL SECURE A TRENCH PERMIT FROM THE CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS, DIVISION OF OCCUPATIONAL SAFETY AND HEALTH PRIOR TO THE EXCAVATION OF ANY TRENCH OVER FIVE FEET IN DEPTH. UTILITY TRENCHING SHALL BE PERFORMED IN ACCORDANCE WITH THE TRENCHING AND COMPACTION REQUIREMENTS OF THE CITY OF TURLOCK STANDARD SPECIFICATIONS AND DRAWINGS. REFER TO STD T—1, T-2, AND T-3. ERRATA 1 2019 TRENCHING DETAILS.
- 15. THE CONTRACTOR SHALL VERIFY LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES AND SHALL CONTACT THE RESPECTIVE UTILITY COMPANIES PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND PRESERVATION OF ALL SUCH FACILITIES IN THE AREA OF CONSTRUCTION AND SHALL NOTIFY UNDERGROUND SERVICE ALERT OF NORTHERN CALIFORNIA FORTY~EIGHT (48) HOURS IN ADVANCE OF ANY CONSTRUCTION.
- 16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF THE REMOVAL OR RELOCATIONS OF ALL EXISTING UTILITIES WITH RESPECTIVE UTILITY COMPANIES.
- 17. MANHOLE CASTINGS AND COVERS SHALL BE ADJUSTED TO FINAL GRADES BY THE CONTRACTOR AFTER STREET IMPROVEMENTS ARE COMPLETED. ALL EXISTING MANHOLE LIDS WITHIN LIMITS OF STREET IMPROVEMENT SHALL BE MARKED AND TIED TO SURVEY PRIOR TO ADJUSTMENT.
- 18. FOR ALL WORK PERFORMED WITHIN PUBLIC RIGHT-OF—WAYS, THE CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT, PRESERVE THE INTEGRITY AND LOCATION OF ANY AND ALL PUBLIC UTILITIES, AND PROVIDE NECESSARY CONSTRUCTION TRAFFIC CONTROL FOR STREET IMPROVEMENTS. THE CONTRACTOR SHALL, THROUGH THE ENCROACHMENT PERMIT PROCESS, VERIFY THE NEED FOR ANY DETOUR PLAN WITH THE CITY OF TURLOCK. IF A PLAN IS REQUIRED, CONTRACTOR SHALL PROVIDE PLAN AND RECEIVE APPROVAL PRIOR TO CONSTRUCTION.
- 19. THE CONTRACTOR SHALL OBTAIN ALL PERMITS AND LICENSES REQUIRED FOR THE CONSTRUCTION AND COMPLETION OF THE PROJECT.
- 20. THE CONTRACTOR SHALL COMPLY WITH BUSINESS AND PROFESSIONS CODE SECTION 8771(b) REGARDING REFERENCING, PRESERVING, AND RECONSTRUCTING MONUMENTS. PRESERVATION OF EXISTING MONUMENTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ALL MONUMENTS THAT ARE DISTURBED BY CONSTRUCTION OPERATIONS. THE ENGINEER WILL TIE OFF SAID MONUMENTS AND PROVIDE THE CONTRACTOR NOTICE TO PROCEED.
- 21. PRIOR TO COMMENCING ANY WORK, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL CURRENT STANDARDS FOR THE CITY OF TURLOCK ARE FOLLOWED AS WELL AS TO HAVE EACH UTILITY COMPANY LOCATE, IN THE FIELD, THEIR MAIN AND SERVICE LINES. THE CONTRACTOR SHALL NOTIFY MEMBERS OF THE UNDERGROUND SERVICE ALERT (USA) 48 HOURS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK BY CALLING THE TOLL FREE NUMBER (800)-642-2444, THE CONTRACTOR SHALL RECORD THE U.S.A. ORDER NUMBER AND FURNISH ORDER NUMBER TO OWNER PRIOR TO ANY EXCAVATION. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO POSITIVELY LOCATE (POTHOLE) AND PROTECT ALL EXISTING UTILITIES THAT MAY CONFLICT WITH ANY WORK ASSOCIATED WITH THIS CONTRACT SO THAT NO DAMAGE RESULTS TO THEM DURING THE PERFORMANCE OF THIS CONTRACT. ANY NECESSARY REPAIRS TO DAMAGED UTILITIES SHALL BE PAID FOR BY THE CONTRACTOR. THE CONTRACTOR SHALL BE REQUIRED TO COOPERATE WITH OTHER CONTRACTORS AND UTILITY COMPANIES INSTALLING NEW STRUCTURES, UTILITIES AND SERVICE TO THE DEVELOPMENT.

- 22. THE CONTRACTOR SHALL REACH OUT TO AFFECTED RESIDENTS PRIOR TO CONSTRUCTION TO INFORM THEM OF THE RELOCATION OF ANY FENCE OR VEGETATION.
- 23. THE CONTRACTOR SHALL RESTORE ALL EXISTING LANDSCAPING AND/OR IRRIGATION DISTURBED DURING CONSTRUCTION ACTIVITIES AND REPLACE LANDSCAPING WITH SOD WHERE GRASS IS DISTURBED. THE CONTRACTOR SHALL RELOCATE SPRINKLERS AS NECESSARY SO AS TO WATER OWNER'S LANDSCAPING, BUT NOT NEW CONCRETE SURFACES, TYPICAL OF ALL LOCATIONS WHERE GRASS OR BUSHES HAVE BEEN PLANTED BY OWNERS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING IRRIGATION IN THE CASE OF ANY INTERRUPTION OF SERVICE, INCLUDING DURING HOLIDAYS AND WEEKENDS. ANY DEAD LANDSCAPING DUE TO CONSTRUCTION ACTIVITIES OR INTERRUPTION OF IRRIGATION SERVICE SHALL BE REPLACED IN KIND BY THE CONTRACTOR AT NO ADDITIONAL COST.
- 24. THE CONTRACTOR SHALL RE-PAINT IN KIND ALL EXISTING PAINTED CURB WITHIN LIMITS OF PROJECT. THIS INCLUDES BUT IS NOT LIMITED TO RED CURB, WHITE CURB AND HOUSE NUMBERS.
- 25. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING TREES, SHRUBS AND OTHER PLANTS THAT ARE NOT TO BE REMOVED. OVERHEAD UTILITY POLES/LINES, FENCES, SIGNS, MARKERS AND MONUMENTS, BUILDINGS AND STRUCTURES, CONDUITS, PIPELINES UNDER OR ABOVE GROUND, SEWER AND WATER LINES, SPRINKLER SYSTEMS ABOVE OR BELOW GROUND, ALL ROADWAY FACILITIES, AND ANY OTHER IMPROVEMENTS OR FACILITIES WITHIN OR ADJACENT TO THE RIGHT-OF—WAY SHALL BE PROTECTED BY THE CONTRACTOR FROM INJURY OR DAMAGE. IF ORDERED BY ENGINEER, THE CONTRACTOR SHALL PROVIDE AND INSTALL SUITABLE SAFEGUARDS, APPROVED BY ENGINEER, TO PROTECT SUCH OBJECTS FROM INJURY OR DAMAGE.
- 26.THE CONTRACTOR SHALL COMPLETE ALL REQUIRED EARTHWORK, GRADING, AND INITIAL PAVING (FIRST LIFT) WITHIN EIGHT (8) CALENDAR DAYS AFTER PAVEMENT REMOVAL. THE CONTRACTOR IS NOT ALLOWED TO DEMO ALL OF THE PEDESTRIAN CURB RAMPS AT THE SAME TIME. THE CONTRACTOR SHALL SCHEDULE THE CURB RAMP REPLACEMENT WORK TO PROVIDE PEDESTRIAN ACCESS AT ALL TIMES.
- 27.NEW OR REPLACED CURB AND GUTTER, SIDEWALK. OR DRIVEWAY SHALL INCLUDE NECESSARY GRADING BEHIND THE IMPROVEMENT TO CONFORM TO EXISTING CONDITION, UP TO 5 FEET OR TO THE CITY RIGHT-OF-WAY. WHERE ANY CONSTRUCTION ACTIVITY MAY ENCROACH INTO PRIVATE PROPERTY. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.

#### **CLEARING NOTES:**

1. THE CONTRACTOR IS RESPONSIBLE FOR CLEARING AND GRUBBING, PRUNING AND REMOVING TREE ROOTS THAT INTERFERE WITH THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT NO TREE ROOTS ARE PRUNED OR CUT THAT COULD COMPROMISE THE STABILITY OF THE TREE. THE CONTRACTOR SHALL RETAIN AN ARBORIST, AT THEIR OWN EXPENSE PRIOR TO BEGINNING THE WORK. THE CONTRACTOR'S ARBORIST SHALL PROVIDE A WORK PLAN THAT DESCRIBES THE METHOD OF PRUNING AND REMOVING MINOR TREE ROOTS THAT MAY BE ENCOUNTERED DURING CONSTRUCTION. THE ARBORIST WILL PROVIDE RECOMMENDATIONS FOR REVIEW BY THE CITY.

#### **DUST CONTROL NOTES:**

- 1. SPRAY WATER ON ALL EXPOSED EARTH SURFACED DURING CLEARING, GRADING, EARTH MOVING AND OTHER SITE PREPARATION ACTIVITIES THROUGHOUT THE DAY TO MINIMIZE DUST. USE TARPAULINS OR OTHER EFFECTIVE COVERS ON ALL STOCKPILED EARTH MATERIAL AND ON ALL HAUL TRUCKS TO MINIMIZE DUST. SWEEP THE ADJACENT STREET FRONTAGES AT LEAST ONCE A DAY OR AS NEEDED TO REMOVE SILT AND OTHER DIRT WHICH IS EVIDENT FROM CONSTRUCTION ACTIVITIES. ENSURE THAT CONSTRUCTION VEHICLES ARE CLEANED PRIOR TO LEAVING THE SITE TO PREVENT DUST AND DIRT FROM BEING TRACKED OFF SITE.
- 2 ALL EXPOSED SURFACES SHALL BE WATERED A MINIMUM OF TWICE DAILY, INCLUDING ON HOLIDAYS AND WEEKENDS, UNLESS DEEMED UNNECESSARY DUE TO WEATHER. WATER SHALL BE APPLIED AS PROVIDED IN SECTION 17 OF 2023 CALTRANS STANDARD SPECIFICATIONS.
- 3. DUST PALLIATIVES MAY BE SUBSTITUTED FOR WATERING UPON THE APPROVAL OF THE ENGINEER. DUST PALLIATIVES SHALL BE APPLIED AS PROVIDED IN SECTION 18 OF 2023 CALTRANS STANDARD SPECIFICATIONS.

#### **STORM WATER POLLUTION PREVENTION:**

1. PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A COMPLETED STORM WATER POLLUTION PREVENTION PLAN (SWPPP) SIGNED AND CERTIFIED BY A QUALIFIED SSWPP DEVELOPER (QSD). ONCE APPROVED, CONTRACTOR SHALL SUBMIT SWPPP AND NOTICE OF INTENT (NOI) WITH THE CALIFORNIA DEPARTMENT OF WATER QUALITY CONTROL BOARD. THE CONTRACTOR SHALL ADHERE TO THE SWPPP AT ALL TIMES. THE CONTRACTOR SHALL FILE THE ANNUAL REPORT, AND NOTICE OF TERMINATION (NOT) WHEN THE PROJECT IS COMPLETED.

#### MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES:

1. ALL SIGN PANELING SHALL CONFORM TO THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, 2014 EDITION REVISION 7, DATED MARCH 10 2023.

#### CITY OF TURLOCK STANDARD PLANS

CURB AND GUTTERS
RESIDENTIAL AND COMMERCIAL SIDEWALK
ALLEY APPROACH
CURB RETURN PEDESTRIAN RAMP
C-10, C-11 & C-12
DETECTABLE WARNING SURFACE
STREET LIGHT
STREET LIGHT BASE AND CONDUIT RUN
E-3

#### CALTRANS STANDARD PLANS

ABBREVIATIONS
LEGEND
PAVEMENT MARKERS AND TRAFFIC LINES
PAVEMENT MARKINGS
EXCAVATION AND BACKFILL
A3A-A3C
A10A-A10E
A20A-A20G
A24A-A24H
A62A

\*\*USE LATEST VERSION OF 2023 REVISED STANDARD PLANS PER CALTRANS WEBSITE

DESIGNED BY: ANGEL P.

DRAWN BY: ANGEL P.

CHECKED BY: JON H.

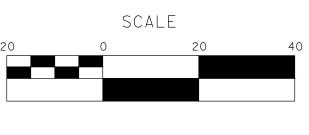
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PRIOR TO THE COMMENCEMENT OF WORK.







► MARK

■ THOMAS

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CITY OF TURLOCK
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
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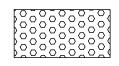


CITY OF TURLOCK
ROADS PROGRAM - CIP
GENERAL NOTES

Sheet <u>2</u>
of <u>54</u> Sheets

**GN-1** 

#### LEGEND:



DETECTABLE WARNING SURFACE



MINOR CONCRETE (CURB, GUTTER, SIDEWALK & CURB RAMP)



MINOR CONCRETE (ALLEYWAY APPROACH)



HMA MISC AREA (ALLEYWAY APPROACH)



REMOVE CONCRETE (CURB, GUTTER, AND SIDEWALK)



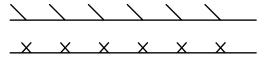
CLEARING AND GRUBBING



COLD PLANE AC PAVEMENT



REMOVE ASPHALT CONCRETE PAVEMENT



RECONSTRUCT WITH 3.6" HMA/8.4" FDR RECONSTRUCT WITH 4.2" HMA/8.4" FDR

SAWCUT

Exist FENCE

Exist WALL

CITY OF TURLOCK RIGHT OF WAY (R/W)

PARCEL LINES

#### UTILITY OWNERSHIP ON THIS PROJECT:

| gs |      |
|----|------|
|    | <br> |

- CHARTER COMMUNICATIONS TELECOM (UG)

SEWER

- CITY OF TURLOCK

- CITY OF TURLOCK WATER JOINT OVERHEAD - CHARTER COMMUNICATIONS & TID ELECTRIC

-----sd-----

IRRIGATION - TID WATER AND POWER - CITY OF TURLOCK STORM DRAIN

———— fo———(oh)— ———e——(oh)— FIBER OPTIC (OH)

ELETRICAL

- CHARTER COMMUNICATIONS

- TID ELETRICAL

- PG&E GAS

#### BEGIN/END OF TRAFFIC STRIPE DETAIL



CHANGE OF TRAFFIC STRIPE DETAIL TRAFFIC STRIPE DETAIL NUMBER

LIMIT LINE



CONTINENTAL CROSSWALK



"STOP" PAVEMENT MARKING



POTHOLE NUMBER

POTHOLE LOCATION

STREET LIGHT



EXIST STREET LIGHT



EXIST MANHOLE EXIST STORM DRAIN INLET

EXIST FIRE HYDRANT

EXIST POWER POLE EXIST GUY WIRE

EXIST UTILITY BOX EXIST WATER VALVE

EXIST SIGN

#### **ABBREVIATIONS:**

| AB     | AGGREGATE BASE  |
|--------|-----------------|
| AC     | ASPHALT CONCRET |
| APPROX | APPROXIMATE     |
| ASC    | ASBETOS CEMENT  |
| AVE    | AVENUE          |
|        |                 |

BEGIN CURVE BEGIN BACK OF CURB BACK OF WALK

CURB AND GUTTER CENTERLINE CURB RAMP CITY STANDARD

DWY DRIVEWAY

EC END CURVE ELEV ELEVATION EΡ EDGE OF PAVEMENT EXISTING Exist

FINISHED GRADE FG FIRE HYDRANT FLOW LINE FL FACE OF CURB FOC

GAS MAIN/PIPELINE GRADE BREAK GATE VALVE

LENGTH LEFT L†

MET METALLIC (IRON, STEEL, COATED)

NTS NOT TO SCALE

OG ORIGINAL GROUND

PAVEMENT PROPOSED GRADE

Rem Remove R/W RIGHT OF WAY Reconst RECONSTRUCT R+ RIGHT

ΤH TEST HOLE

SAW SAWCUT SD STORM DRAIN STORM DRAIN MANHOLE SHLD SHOULDER SNS STREET NAME SIGN

SSBM STRAP AND SADDLE BRACKET METHOD SSMH SANITARY SEWER MANHOLE

ST STREET STA STATION STD STANDARD SWSIDEWALK

TFC TOP FACE OF CURB

VAR VARIES ۷G VALLEY GUTTER

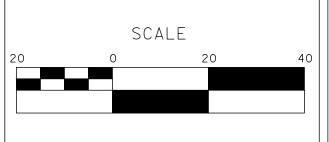
WATER MAIN W٧ WATER VALVE

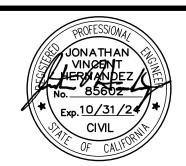
DESIGNED BY: ANGEL P. ANGEL P. DRAWN BY:

CHECKED BY: JON H. SCALE: AS SHOWN DATE: 3/26/2024 JOB NO.: 23-00109

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CITY OF TURLOCK PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION 156 S. BROADWAY SUIT 150 (209) 668-5520



CITY OF TURLOCK **ROADS PROGRAM - CIP GENERAL NOTES** 

Sheet <u>3</u> of \_**54**\_ Sheets

**GN-2** 

#### NOTES:

- 1. CONTRACTOR SHALL COMPLY WITH BUSINESS AND PROFESSIONS CODE SECTION 8771 (b) REGARDING REFERENCING, PRESERVING AND RECONSTRUCTING MONUMENTS, WHETHER OR NOT MONUMENTS ARE SHOWN IN THESE PLANS.
- 2. IF MONUMENT IS DAMAGED BY CONTRACTOR'S OPERATIONS, CONTRACTOR SHALL REPLACE AT CONTRACTOR'S COST.
- 3. CONTRACTOR SHALL PROVIDE THE AGENCY A MINIMUM OF TWO (2) WEEKS NOTICE PRIOR TO COMMENCING ANY WORK THAT COULD DAMAGE OR DESTROY ANY SURVEY MONUMENTS.

#### LEGEND:



CONTROL POINT - HORIZONTAL



CONTROL POINT NUMBER

|                 | SURVEY      | CONTROL     | TABLE     |  |
|-----------------|-------------|-------------|-----------|--|
| CONTROL PT. NO. | NORTHING    | EASTING     | ELEVATION | DESCRIPTION  |
| 101             |             |             | 110.059   | BM 13-1-3  |
| 102             |             |             | 98.282    | SVBM 22-4-2  |
| 103             |             |             | 105.563   | SVBM 24-3-1  |
| 1000            | 2004921.432 | 6465723.307 | 105.949   | SVRB-SET 5\8IN   |
| 1053            | 2007330.167 | 6465723.777 | 107.585   | SVIP-FND _ H12   |
| 1083            | 1999418.872 | 6457777.417 | 94.508    | SVCHK # 1083   |
| 2526            | 2005162.659 | 6465770.870 | 106.18    | SVCP MAG SW COR TOP<br>T                                     |
| 2527            | 2005471.567 | 6465772.548 | 106.665   | SVCP MAG NW COR TOP<br>T                                     |
| 2529            | 2004998.559 | 6466538.918 | 107.038   | SVCP MAG SW COR<br>YELLOW STRIPE                             |
| 2530            | 2004991.879 | 6467019.400 | 107.723   | SVCP MAG NW COR<br>BOTT T                                    |
| 2531            | 2005132.382 | 6467114.578 | 108.524   | SVCP MAG SE COR<br>BOTT T                                    |
| 2532            | 2005438.505 | 6467048.886 | 108.771   | SVCP MAG SE INSIDE<br>COR XWALK                              |
| 2533            | 2005452.835 | 6468389.190 | 110.999   | SVCP MAG NW COR<br>STOPBAR                                   |
| 2534            | 2005122.321 | 6468439.144 | 110.411   | SVCP MAG SW COR<br>STOPBAR                                   |
| 2536            | 2004459.788 | 6468385.750 | 109.171   | SVCP MAG SW COR<br>STOPBAR                                   |
| 2537            | 2004480.024 | 6467786.416 | 108.129   | SVCP MAG SW COR<br>STOPBAR                                   |
| 2538            | 2004203.570 | 6467111.050 | 107.001   | SVCP MAG SE BOTT T   |
| 2539            | 2004180.745 | 6468387.942 | 108.71    | SVCP MAG SW COR<br>STOPBAR                                   |
| 2540            | 2003407.597 | 6468385.217 | 108.404   | SVCP MAG SW COR<br>STOPBAR                                   |
| 2541            | 2005436.982 | 6469399.056 | 111.836   | SVCP MAG NE COR<br>YELLOW STRIPE                             |
| 2542            | 2004863.985 | 6469419.970 | 111.781   | SVCP MAG SE COR<br>STOPBAR                                   |
| 1007            | 2018051.425 | 6460643.614 |           | SVRB - D10 5/8" RBR<br>IN PVC WELL WITH<br>WATER VALVE COVER |
| 1018            | 2014532.411 | 6460476.508 |           | SVIP - E10A 1" IP IN<br>MON WELL                             |
| 1029            | 2012682.164 | 6460465.536 |           | SVBD - F10 3.5" BD<br>IN WELL                                |
| 1040            | 2010020.535 | 6460454.758 |           | SVIP - G10 1" IP IN<br>WELL                                  |
| 1051            | 2007368.169 | 6460443.913 |           | SVBD - H10 2.5" BD<br>IN WELL                                |

#### HORIZONTAL DATUM

HORIZONTAL DATUM IS BASED ON THE CITY OF TURLOCK G.P.S. CONTROL NETWORK SURVEY FILED IN BOOK 20 OF SURVEYS AT PAGE 56, STANISLAUS COUNTY RECORDS. SAID SURVEY IS BASED ON THE 1983 NORTH AMERICAN DATUM AND ADJUSTMENT AS SHOWN ON THE FACE OF SAID SURVEY. POINTS H12 AND L9 AS SHOWN ON THE SURVEY WERE USED AS THE BASE CONTROL FOR THIS PROJECT.

#### COORDINATE SYSTEM

THE CALIFORNIA COORDINATE SYSTEM OF 1983 (CCS83), ZONE III.

#### <u>VERTICAL DATUM</u>

ELEVATIONS BASED ON THE CITY OF TURLOCK BENCHMARK SYSTEM

|      |              |           | PROJECT VERTICAL   | BENCHMARKS                 |  |   |      |
|------|--------------|-----------|--------------------|----------------------------|--|---|------|
| E    | SENCHMARK ID | ELEVATION |                    | DESCRIPTION                |  |   |      |
|      | 13-1-3       | 110.059   | FOUND BRASS PLUG N | W CORNER ON EAST MARSHAL   | L AT DAUENBERGER ROAD  |   |      |
|      | 22-4-2       | 98.282    | FOUND BRASS PLUG S | W CORNER ON ORANGE AT HIG  | H STREET   |   |      |
|      | 24-3-1       | 105.563   | FOUND BRASS PLUG S | E CORNER ON SOUTH BERKELEY | AT EAST AVENUE   |   |      |
| 2526 | KENNETH      | EDW       | 2532 <b>ST</b>     | TOKAY AVE                  | MIRA FLORES DR  EL CAPITAN DR  2533  EL CAMINO DR  MISSION ST  "M" LINE  2539  ZINFANDEL LN  E MARSHALL ST | 2536) A ONINCY RD A OUTPUT DE LA COLUMNA DE | 2541 |
| -    |              |           |                    |                            |  |   |      |

| DESIGNED BY: | ANGEL P. |
|--------------|----------|
| DRAWN BY:    | ANGEL P. |
| CHECKED BY:  | JON H.   |

CHECKED BY: JON H.

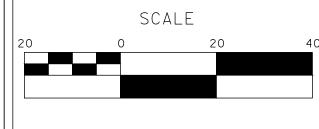
SCALE: AS SHOWN

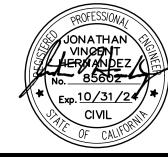
DATE: 3/26/2024

JOB NO.: 23-00109

NOTE:
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DIMENSIONS SHALL SUPERCEDE ALL
SCALED DISTANCES AND SHALL BE
VERIFIED IN THE FIELD. ANY
DISCREPANCY SHALL BE BROUGHT TO
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PRIOR TO THE COMMENCEMENT OF WORK.







### MARK ■ ■ THOMAS

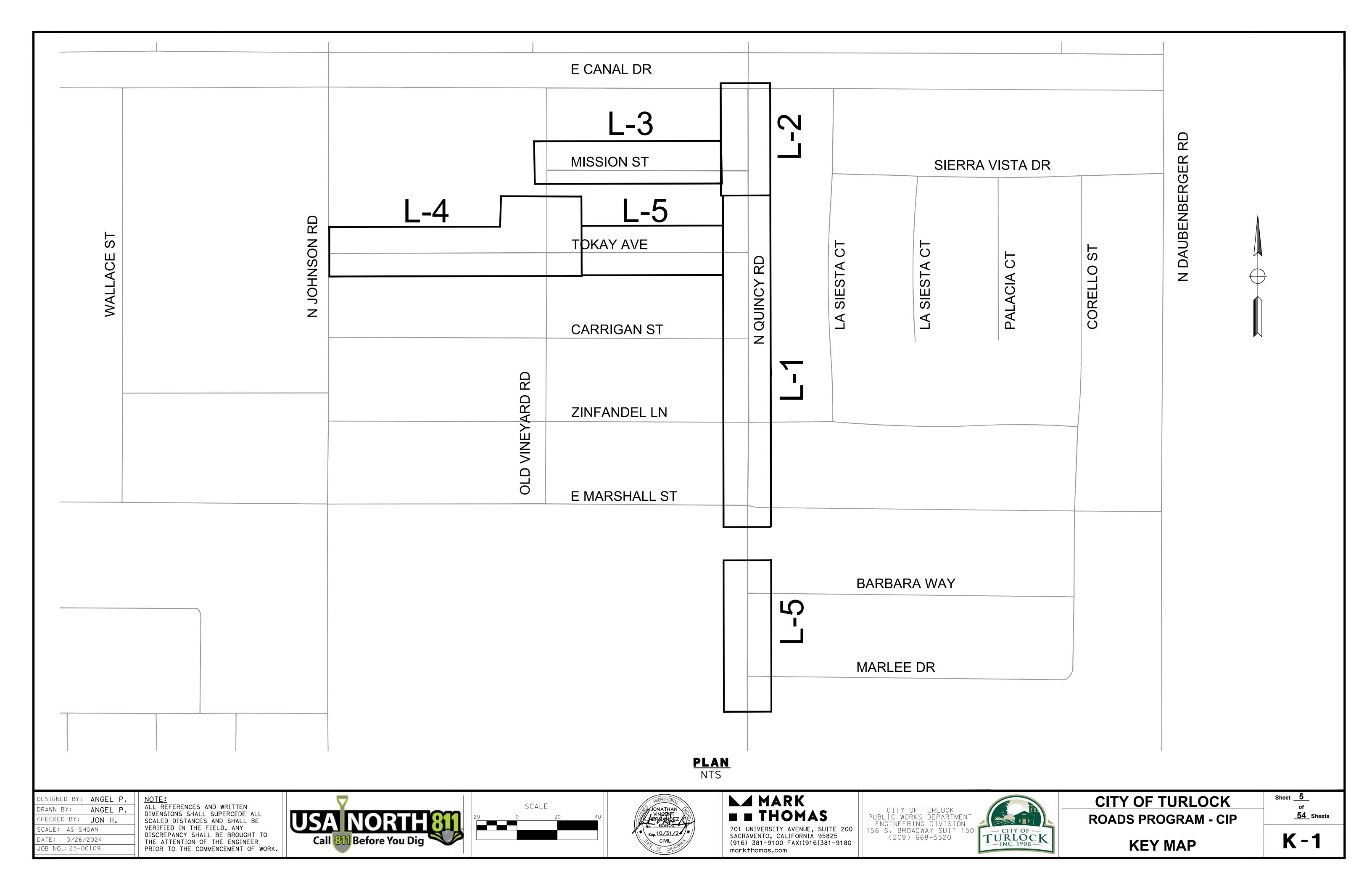
701 UNIVERSITY AVENUE, SUITE 200 SACRAMENTO, CALIFORNIA 95825 (916) 381-9100 FAX:(916)381-9180 mark+homas.com



## CITY OF TURLOCK ROADS PROGRAM - CIP PROJECT CONTROL

Sheet <u>4</u>
of
<u>54</u> Sheets

**PC-1** 



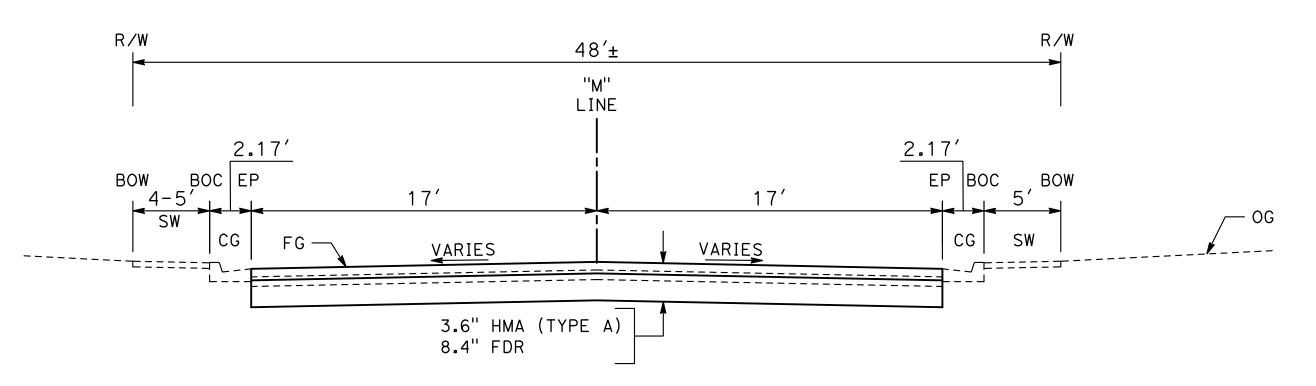
#### NOTE:

- 1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA SEE RIGHT OF WAY RECORD MAPS AT CITY OF TURLOCK OFFICE.
- 2. DIMENSIONS OF THE STRUCTURAL SECTIONS ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
- 3. SUBGRADE CROSS SLOPE TO BE THE SAME AS TYPICAL SURFACE CROSS SLOPE UNLESS OTHERWISE NOTED.
- 4. FOR LOCATIONS OF PAVEMENT REHABILITATION, SEE LAYOUT SHEETS
- 5. CONSTRUCT 6" CURB AND GUTTER PER CITY STD C-1. FOR LOCATIONS AND LIMITS OF CURB AND GUTTER REPLACEMENT, SEE LAYOUT SHEETS
- 6. CONSTRUCT CONCRETE SIDEWALK PER CITY STD C-3. FOR LOCATIONS AND LIMITS OF SIDEWALK REPLACEMENT, SEE LAYOUT SHEETS
- 7. PAVEMENT SHALL BE REPLACED AS SHOWN. CROSS SLOPE OF PAVEMENT SHALL MAINTAIN POSITIVE DRAINAGE. THERE SHALL BE NO LOW POINTS COLLECTING SURFACE RUNOFF.
- 8. EXISTING CURB, GUTTER, SIDEWALK, AND DRIVEWAY SHALL BE PROTECTED IN PLACE, UNLESS OTHERWISE NOTED ON THE PLANS.
- 9. DIMENSIONS SHOWN IN TYPICAL SECTIONS ARE APPROXIMATE. CONTRACTOR TO VERIFY DIMENSIONS WITH THE ENGINEER IN THE FIELD.
- 10. REMOVAL OF EXISTING PAVEMENT INCLUDES ASPHALT, AGGREGATE BASE, AND SUB BASE AS NECESSARY TO ACHIEVE REQUIRED REMOVAL DEPTH.
- 11. WHERE THE ENTIRE EXISTING ASPHALT LAYER IS REMOVED, COMPACT AND PREPARE BASE/SUBGRADE PRIOR TO PLACING HMA.
- 12. SEE PLANS FOR PROPOSED PAVEMENT TREATMENT WITHIN INTERSECTION GRADING LIMITS, WHERE APPLICABLE.

#### **DESIGN DESIGNATION:**

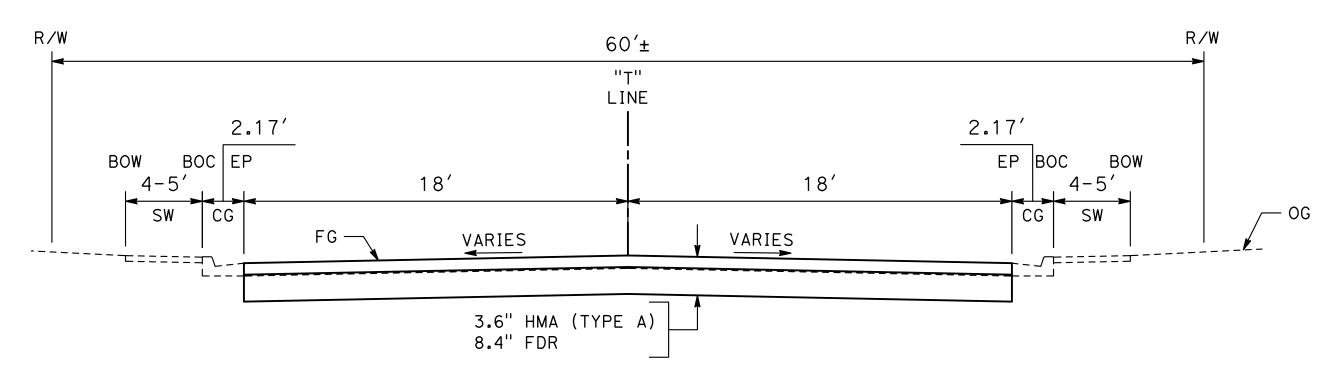
R-VALUE = 50 - N QUINCY RD 50 - TOKAY AVE 50 - MISSION ST

TI-VALUE = 8 - N QUINCY RD 7 - TOKAY AVE 7 - MISSION ST



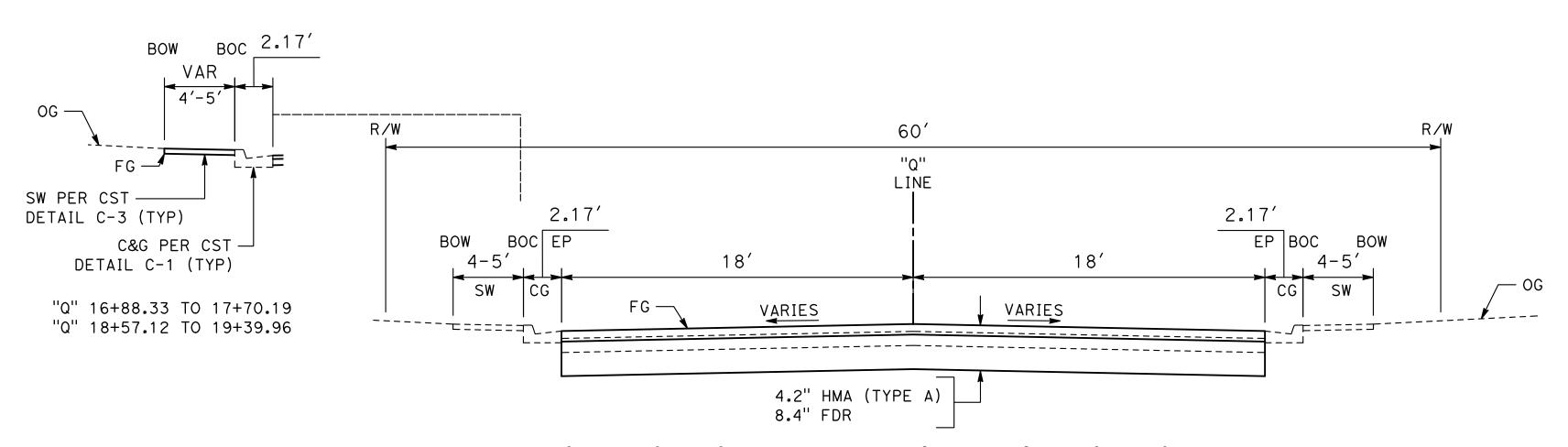
#### MISSION ST: N QUINCY RD TO OLD VINEYARD RD

"M" 10+47.70 TO 15+99.86



#### TOKAY AVE: N QUINCY RD TO N JOHNSON RD

"T" 10+18.80 TO 16+42.47 "T" 17+61.21 TO 23+00.68



#### NORTH QUINCY RD: E MARSHALL ST TO E CANAL DR

"Q" 10+00 TO 23+11.93

DESIGNED BY: ANGEL P.

DRAWN BY: ANGEL P.

CHECKED BY: JON H.

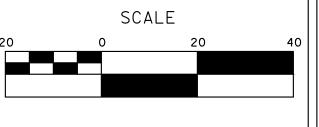
SCALE: AS SHOWN

DATE: 3/26/2024

JOB NO.: 23-00109

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DIMENSIONS SHALL SUPERCEDE ALL
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PRIOR TO THE COMMENCEMENT OF WORK.







## MARK THOMAS

701 UNIVERSITY AVENUE, SUITE 200 SACRAMENTO, CALIFORNIA 95825 (916) 381-9100 FAX:(916)381-9180 mark+homas.com



# CITY OF TURLOCK TY

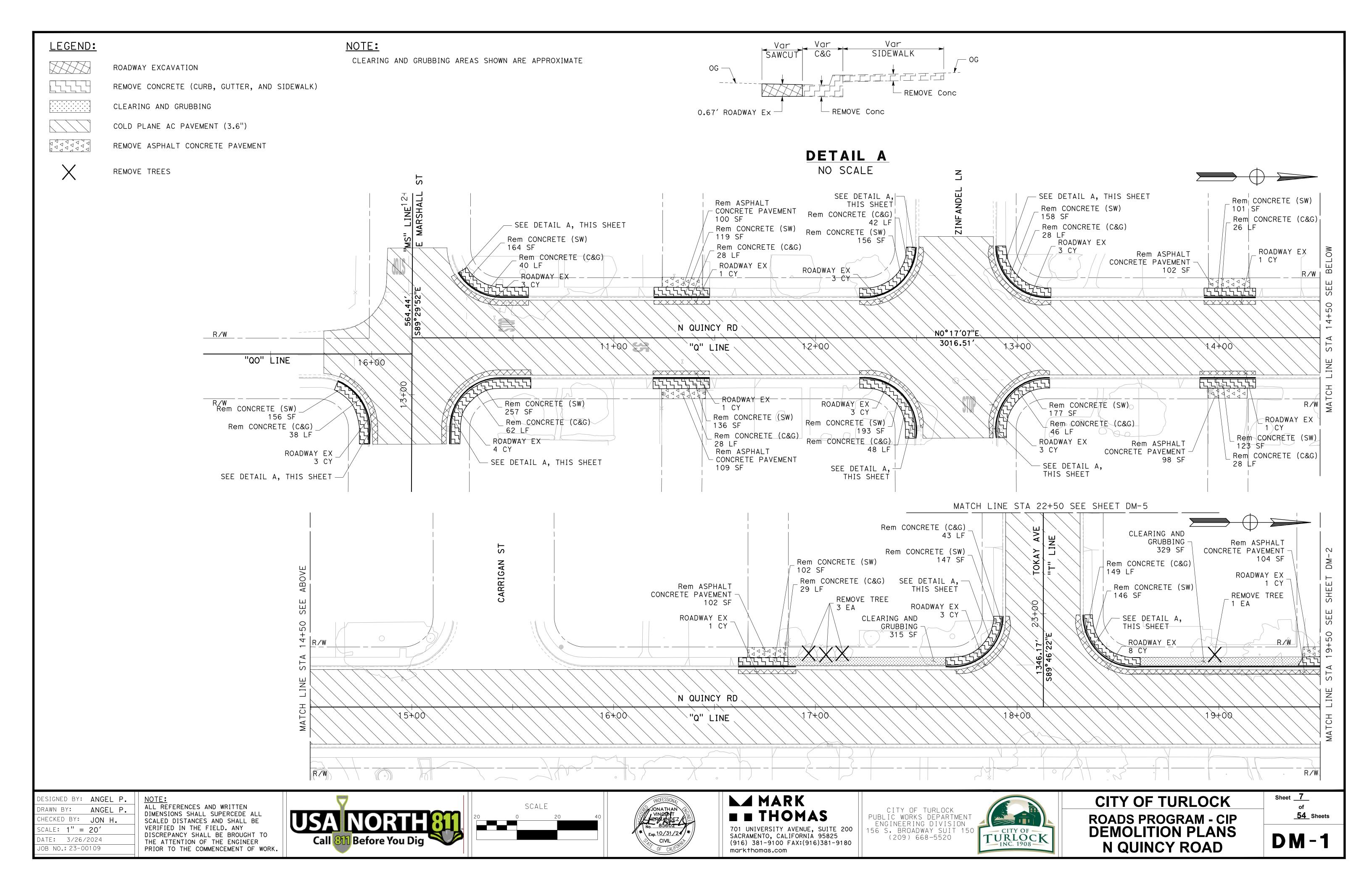
# CITY OF TURLOCK ROADS PROGRAM - CIP TYPICAL CROSS SECTIONS

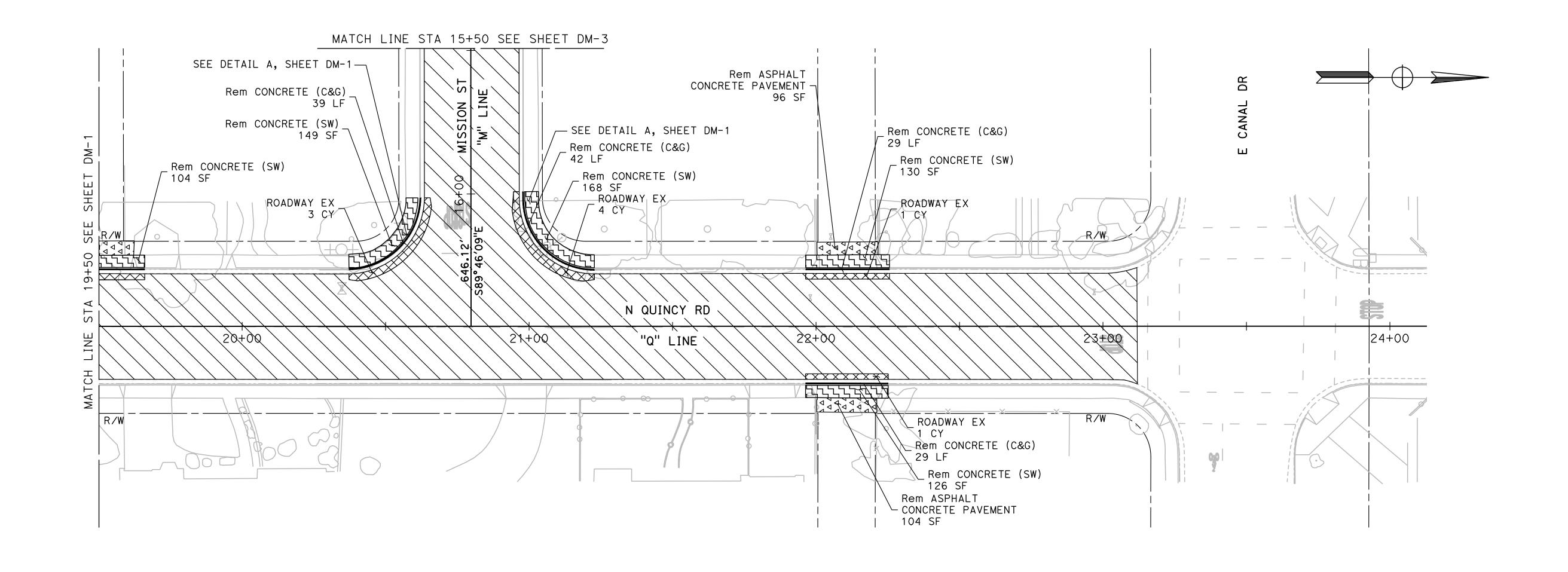
Sheet <u>6</u>

of

<u>54</u> Sheets

**X** - 1



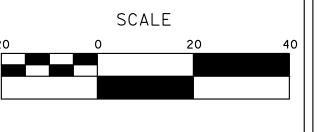


DESIGNED BY: ANGEL P. ANGEL P. DRAWN BY: CHECKED BY: JON H. SCALE: 1'' = 20'DATE: 3/26/2024

JOB NO.: 23-00109

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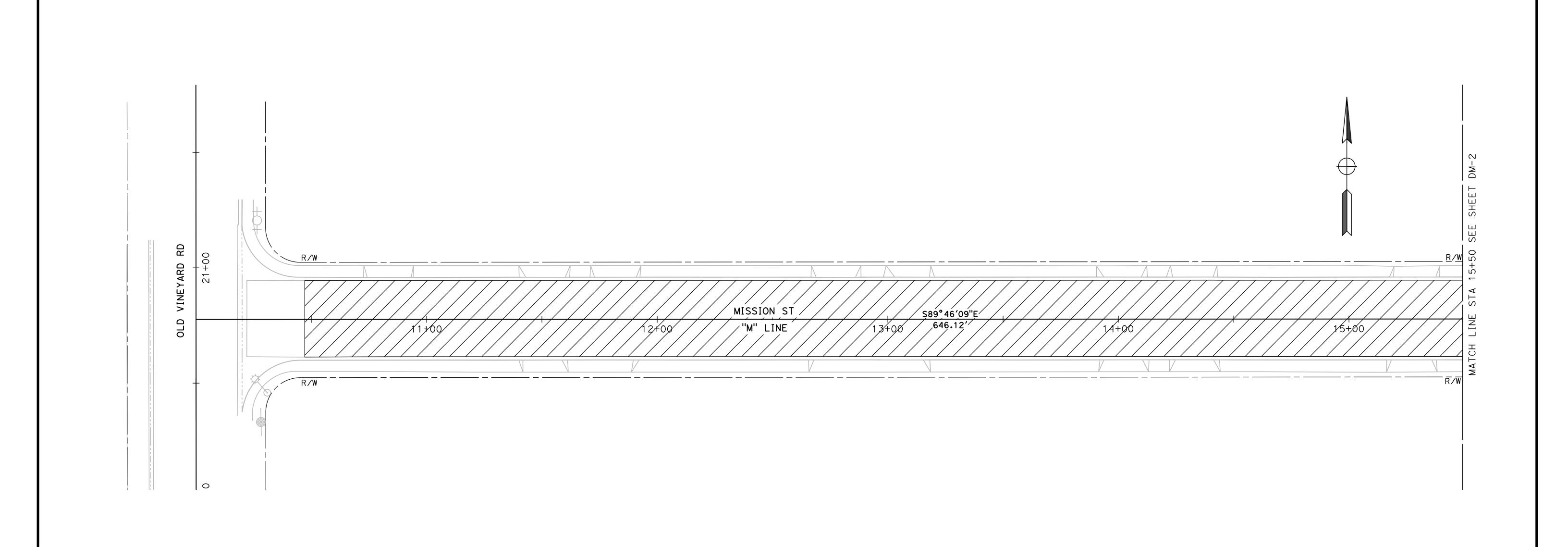
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**CITY OF TURLOCK ROADS PROGRAM - CIP DEMOLITION PLANS** N QUINCY ROAD

Sheet <u>8</u> of **54** Sheets

**DM-2** 



DESIGNED BY: ANGEL P.

DRAWN BY: ANGEL P.

CHECKED BY: JON H.

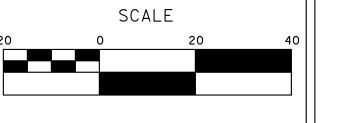
SCALE: 1" = 20'

DATE: 3/26/2024

JOB NO.: 23-00109

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CITY OF TURLOCK

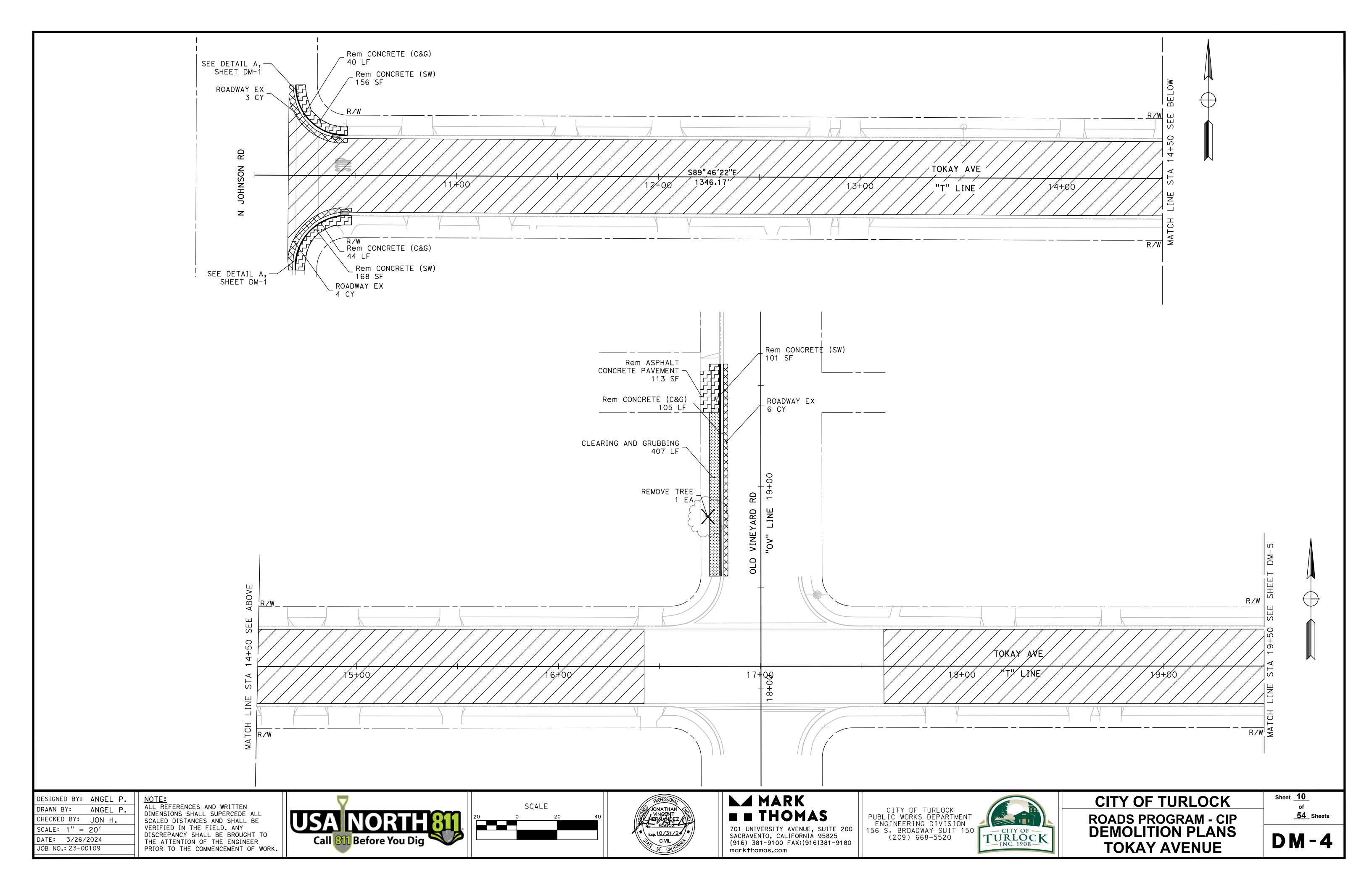
ROADS PROGRAM - CIP
DEMOLITION PLANS
MISSION STREET

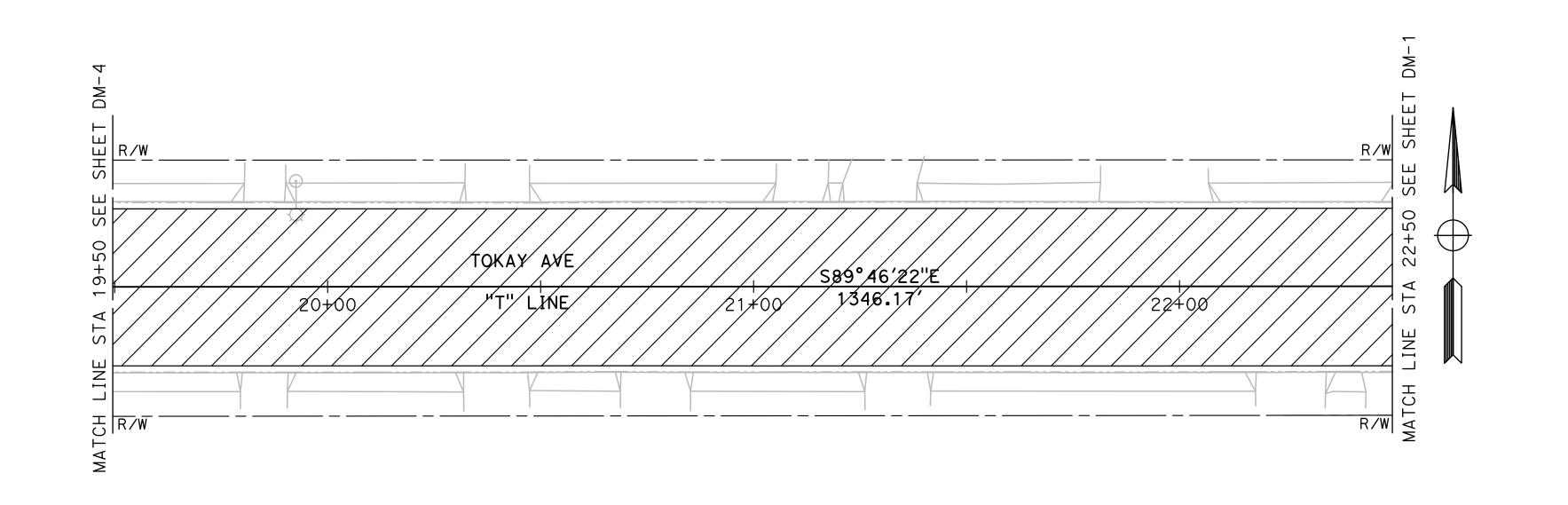
Sheet <u>9</u>

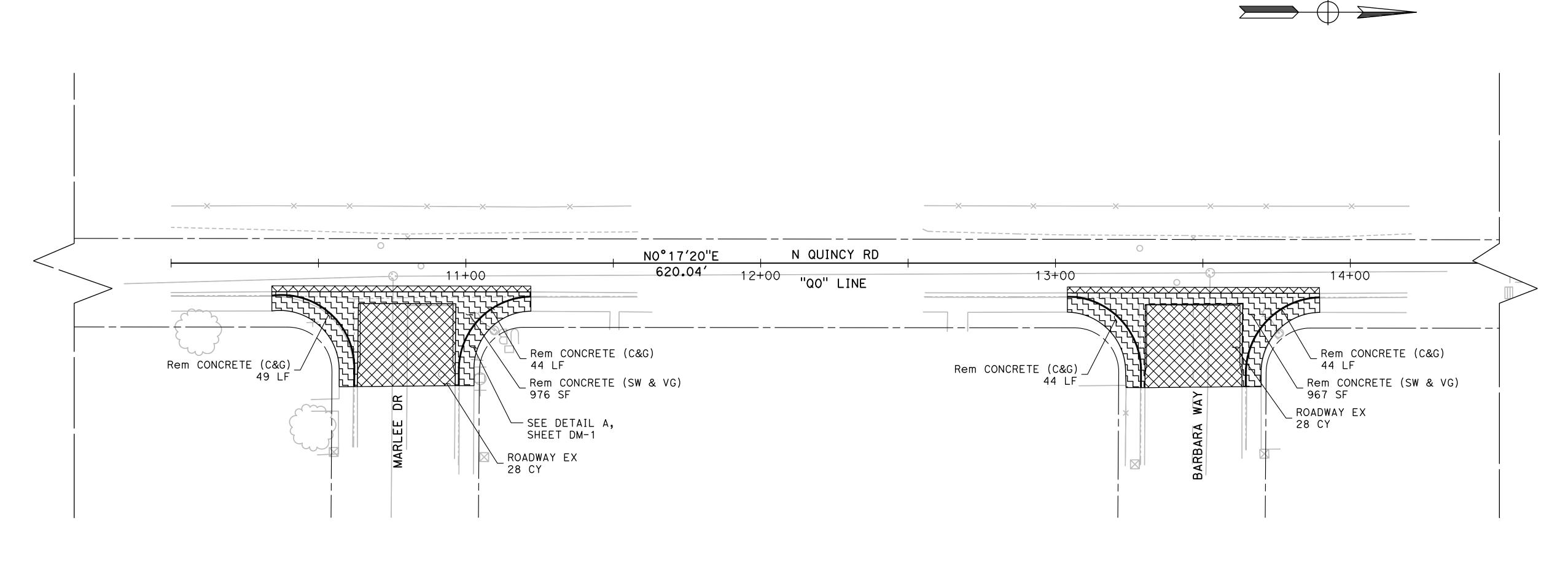
of

<u>54</u> Sheets

**DM-3** 





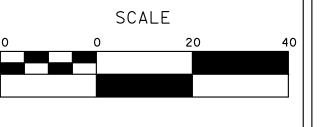


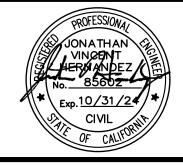
DESIGNED BY: ANGEL P. ANGEL P. DRAWN BY: CHECKED BY: JON H. SCALE: 1'' = 20'DATE: 3/26/2024

JOB NO.: 23-00109

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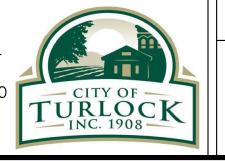






**►** MARK **THOMAS** 

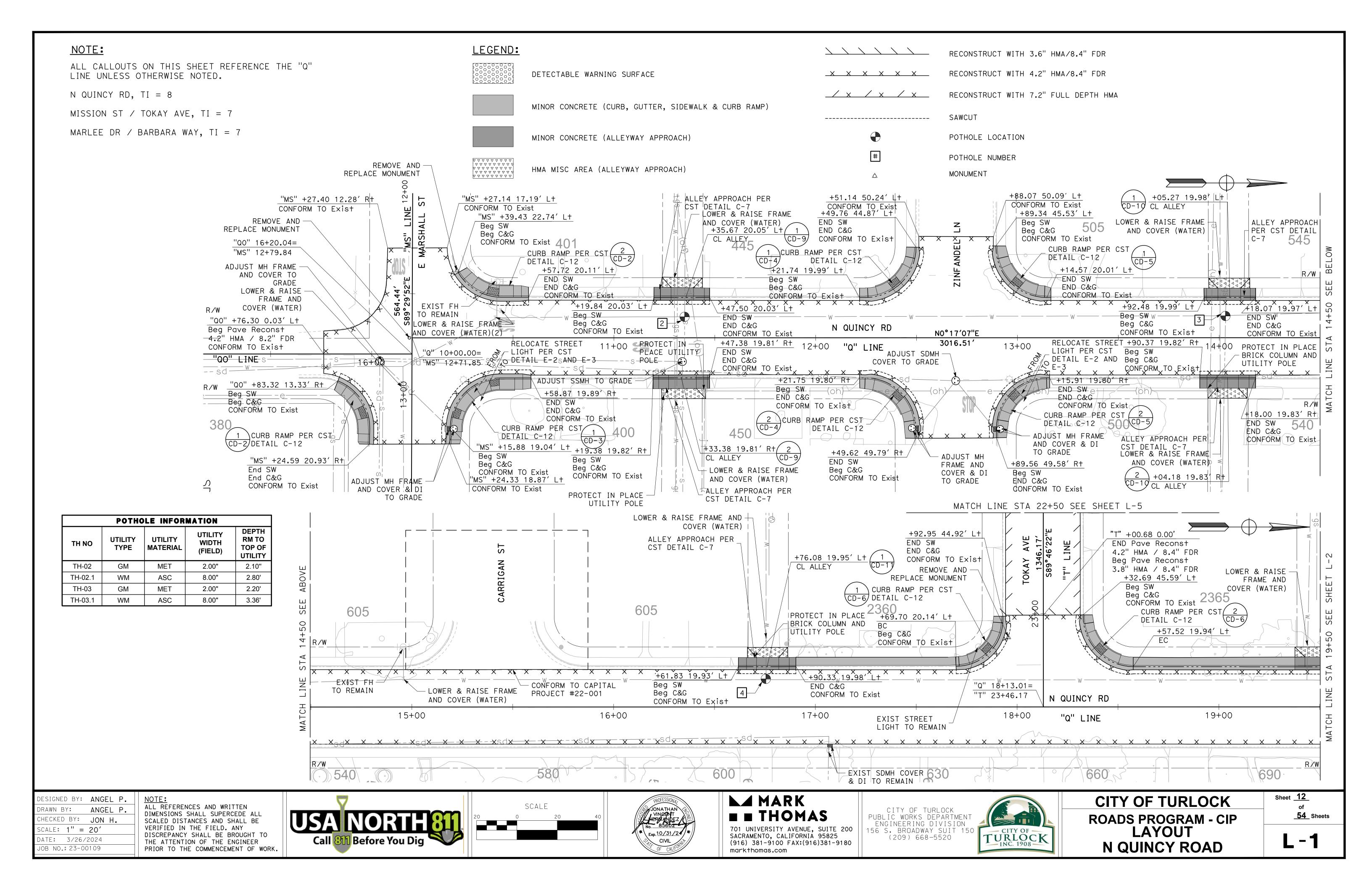
CITY OF TURLOCK
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
156 S. BROADWAY SUIT 150
(209) 668-5520 701 UNIVERSITY AVENUE, SUITE 200 SACRAMENTO, CALIFORNIA 95825 (916) 381-9100 FAX:(916)381-9180 markthomas.com

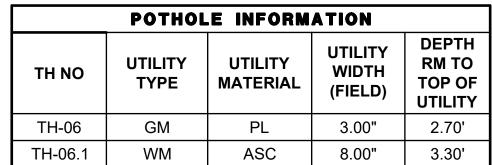


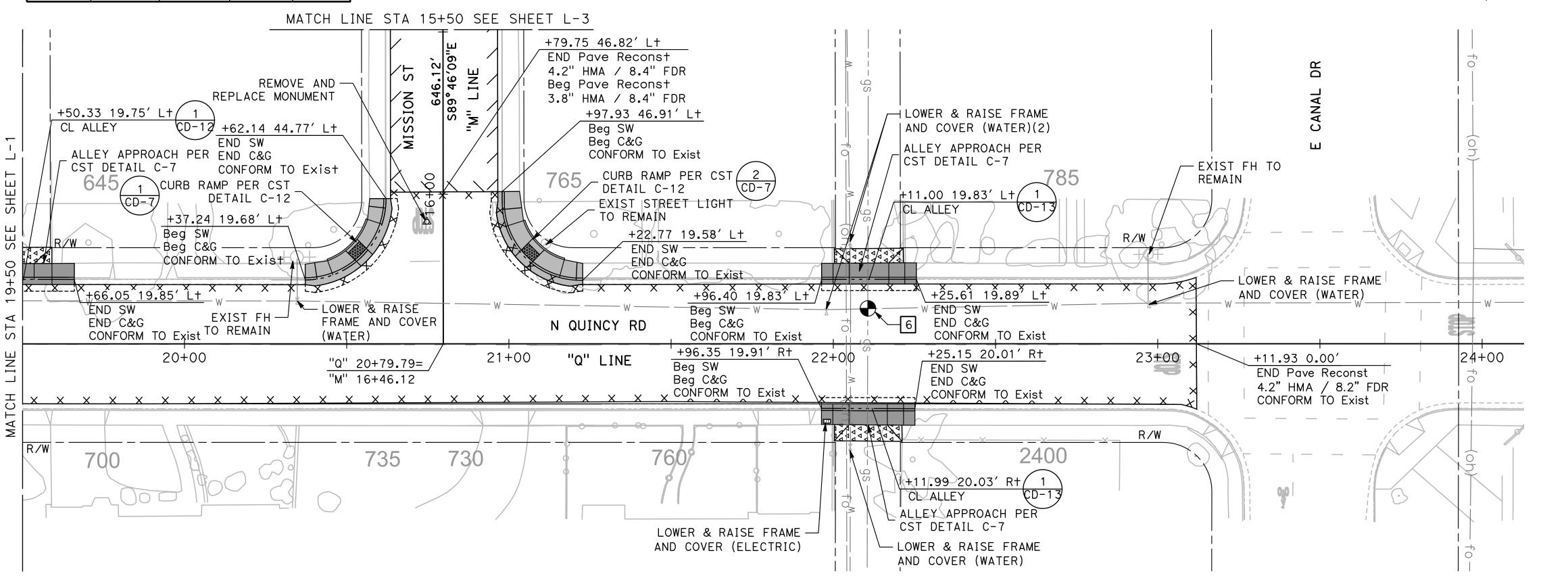
CITY OF TURLOCK ROADS PROGRAM - CIP DEMOLITION PLANS **TOKAY AVENUE** 

Sheet <u>11</u> of **54** Sheets

**DM-5** 





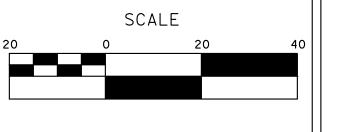


| DESIGNED BY: | ANGEL P. |
|--------------|----------|
| DRAWN BY:    | ANGEL P. |
| CHECKED BY:  | JON H.   |
| SCALE: 1" =  | 20′      |
| DATE: 3/26/  | 2024     |

JOB NO.: 23-00109

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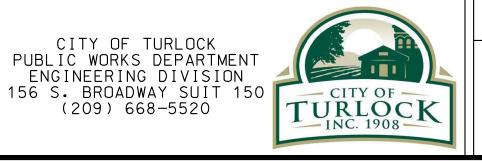








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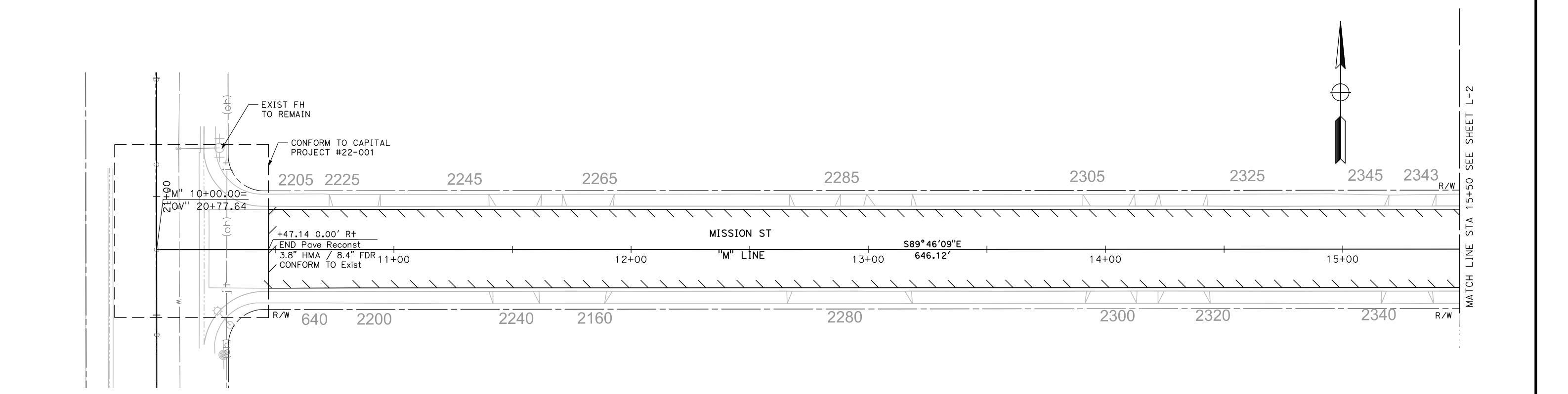


(209) 668-5520

**CITY OF TURLOCK ROADS PROGRAM - CIP** LAYOUT N QUINCY ROAD

Sheet <u>13</u> of \_**54**\_ Sheets

**L-2** 

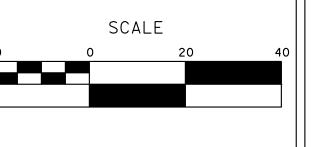


DESIGNED BY: ANGEL P. ANGEL P. DRAWN BY: CHECKED BY: JON H. SCALE: 1" = 20' DATE: 3/26/2024

JOB NO.: 23-00109

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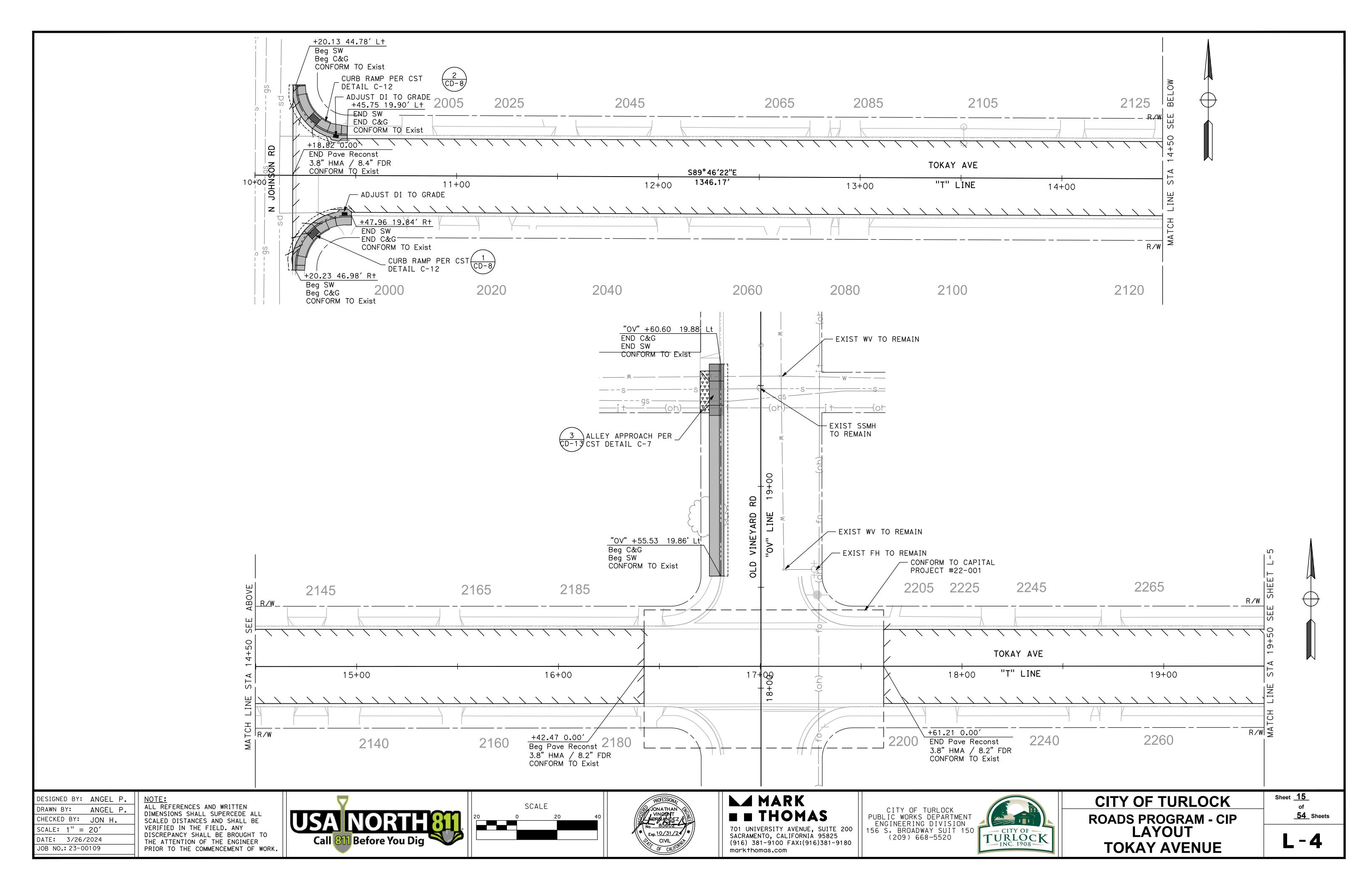
CITY OF TURLOCK
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
156 S. BROADWAY SUIT 150
(209) 668-5520 701 UNIVERSITY AVENUE, SUITE 200 SACRAMENTO, CALIFORNIA 95825 (916) 381-9100 FAX:(916)381-9180 markthomas.com

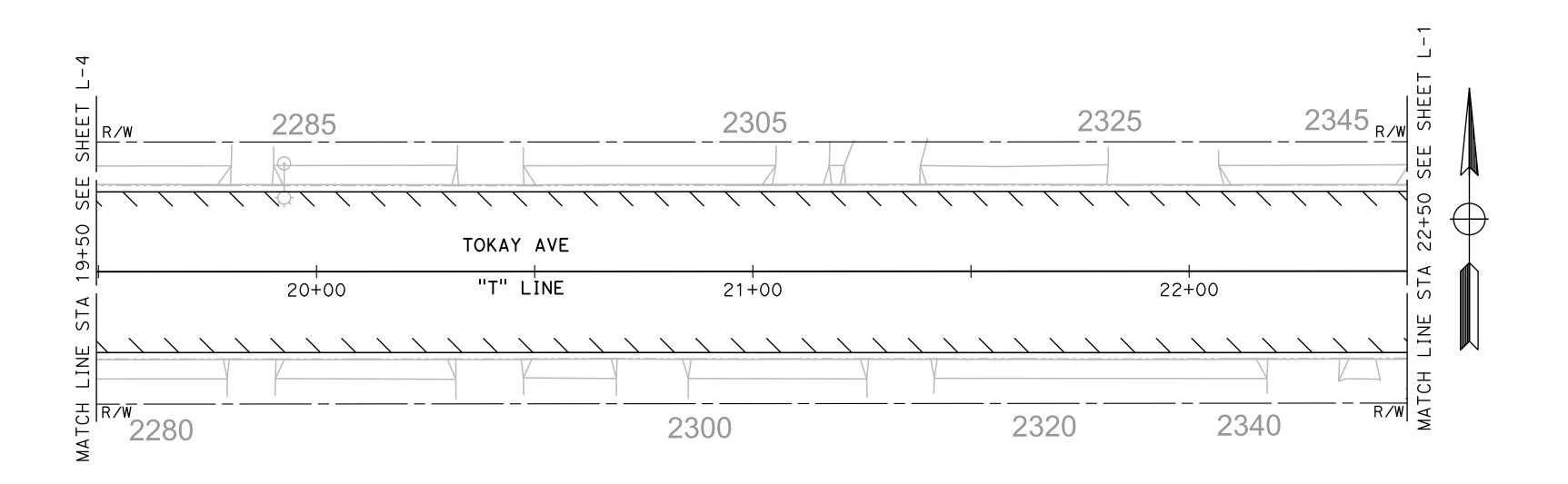


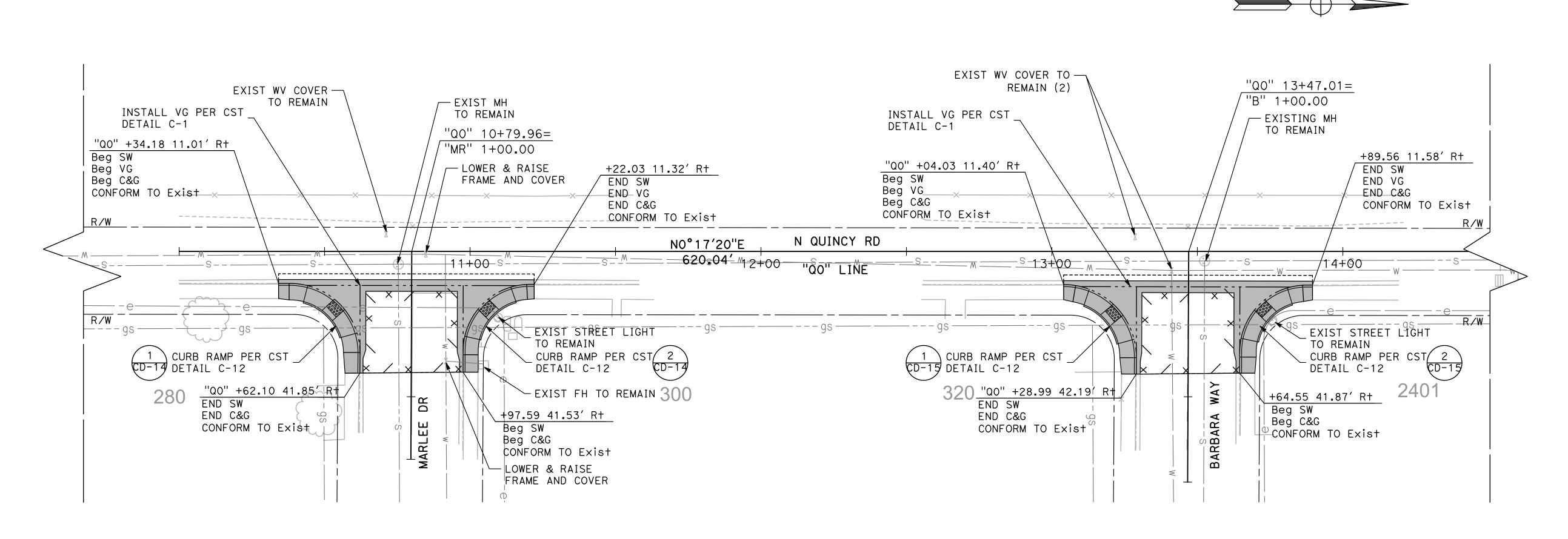
**CITY OF TURLOCK ROADS PROGRAM - CIP LAYOUT MISSION STREET** 

Sheet <u>14</u> of **54** Sheets

**L-3** 







DESIGNED BY: ANGEL P.

DRAWN BY: ANGEL P.

CHECKED BY: JON H.

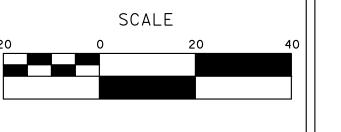
SCALE: 1" = 20'

DATE: 3/26/2024

JOB NO.: 23-00109

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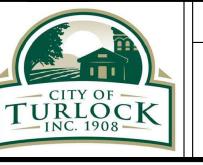
MARK

THOMAS

701 UNIVERSITY AVENUE, SUITE 200
SACRAMENTO, CALIFORNIA 95825
(916) 381-9100 FAX:(916)381-9180

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CITY OF TURLOCK

ROADS PROGRAM - CIP
LAYOUT
N QUINCY RD

Sheet <u>16</u> of <u>54</u> Sheets

L-5

LEGEND:

MINOR CONCRETE (CURB RAMP)



MINOR CONCRETE (ALLEY)



MINOR CONCRETE (C&G)



MINOR CONCRETE (SIDEWALK)



HMA CONFORM (ALLEY)



HMA (SAWCUT)

MINOR CONCRETE (C&G) HMA (SAWCUT) - MINOR CONCRETE (CURB RAMP)

NOTE:

- MINOR CONCRETE (SIDEWALK)

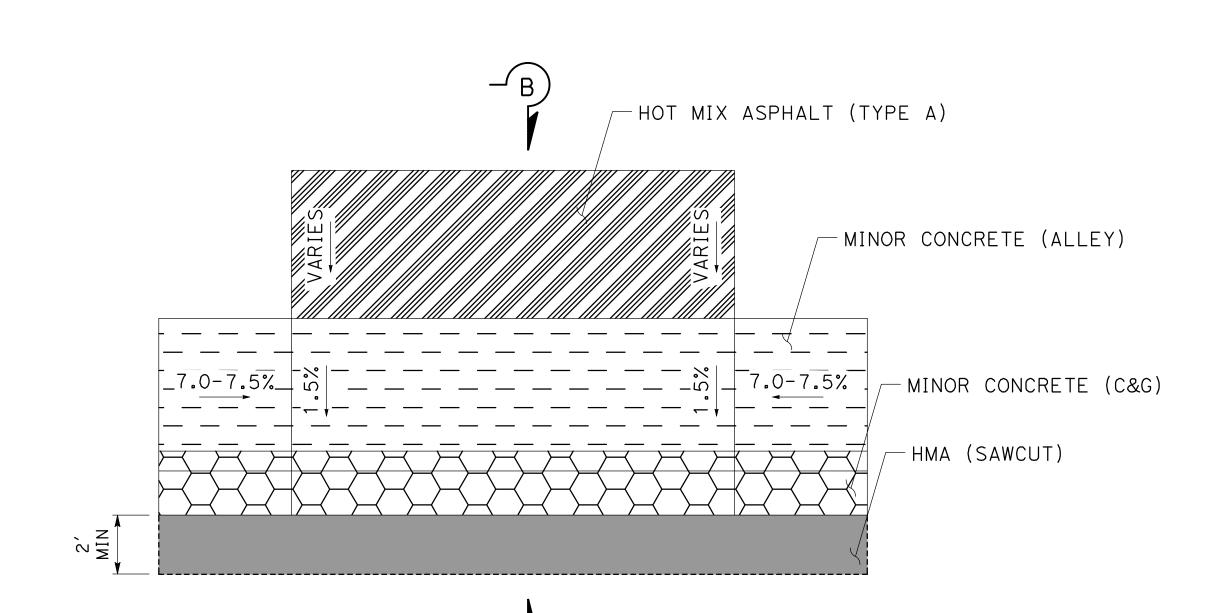
FOR INFORMATION NOT SHOWN, SEE CITY OF TURLOCK STANDARD DRAWINGS C-1, C-3, C-7, & C-12

#### CURB RAMP TYPICAL DETAIL SCALE: NTS

VARIES SAW LIP BOW FL 4'-5' 0.5 VAR 2' MIN VARIES 4-4.5% -3.5" MINOR Conc (CURB RAMP) 8" HMA (SAWCUT) 8" MINOR Conc (C&G) MINOR Conc RETAINING CURB

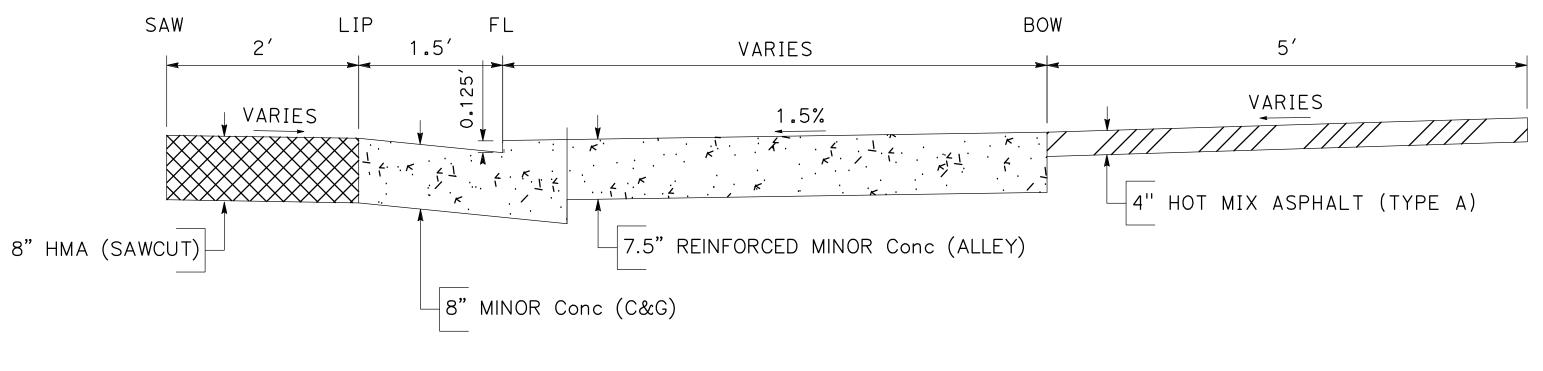
#### SECTION A-A

NO SCALE



#### ALLEYWAY APPROACH TYPICAL DETAIL

SCALE: NTS



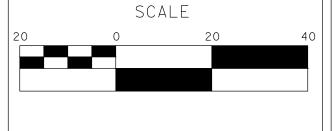
#### SECTION B-B

NO SCALE

DESIGNED BY: ANGEL P. ANGEL P. DRAWN BY: CHECKED BY: JON H.

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#### **MARK** ■ ■ THOMAS

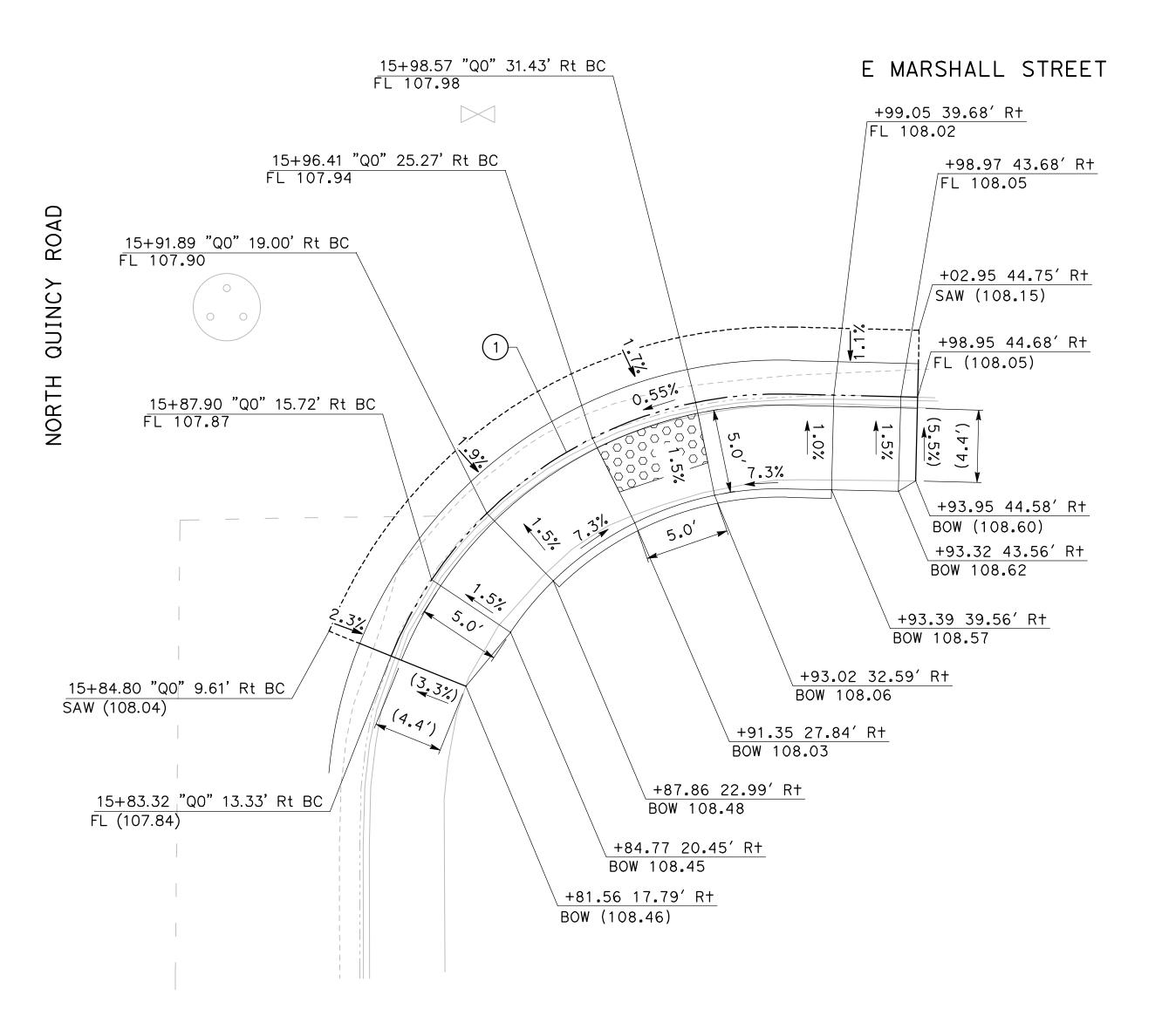
701 UNIVERSITY AVENUE, SUITE 200 SACRAMENTO, CALIFORNIA 95825 (916) 381-9100 FAX:(916)381-9180 markthomas.com

| CITY OF TURLOCK         |   |
|-------------------------|---|
| PUBLIC WORKS DEPARTMENT |   |
| ENGINEERING DIVISION    | A |
| 56 S. BROADWAY SUIT 150 |   |
| (209) 668-5520          | ľ |
|                         |   |

| ) | TURLOCK<br>INC. 1908 |
|---|----------------------|

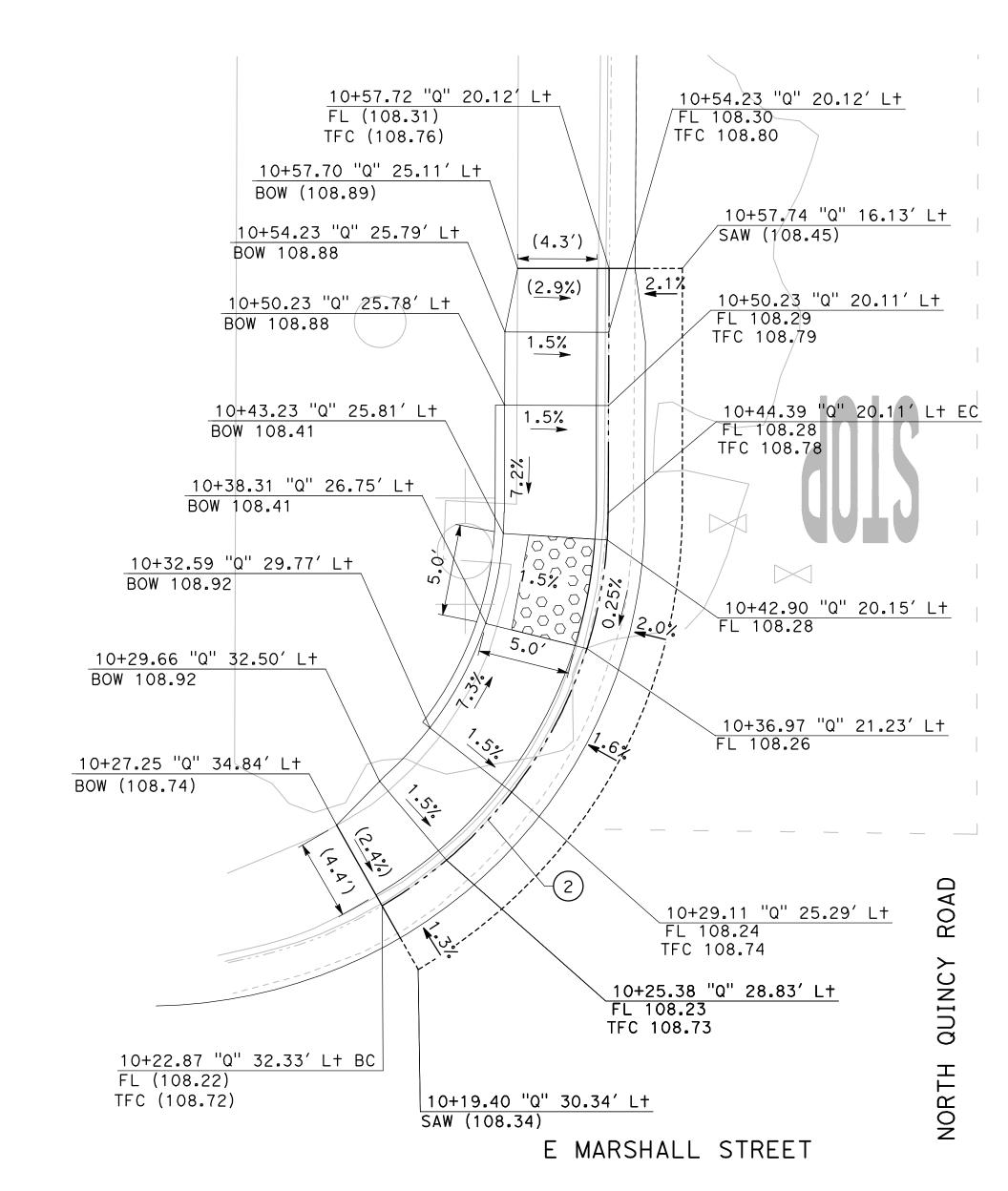
| CITY OF TURLOCK      |
|----------------------|
| ROADS PROGRAM - CIP  |
| CONSTRUCTION DETAILS |

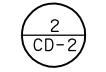
Sheet <u>17</u> of **54** Sheets



N QUINCY/E MARSHALL SE CURB RAMP SCALE: 1" =5'

| CURVE TABLE |        |           |        |        |  |
|-------------|--------|-----------|--------|--------|--|
| No. X       | R      | Δ         | Т      | L      |  |
| 1           | 25.00′ | 69°31′26" | 17.35′ | 30.34′ |  |
| 2           | 25.00′ | 59°20′11" | 14.24′ | 25.89′ |  |





#### N QUINCY/E MARHSALL NW CURB RAMP

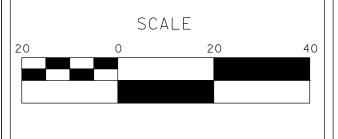
SCALE: 1" =5'

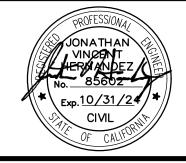
DESIGNED BY: ANGEL P. ANGEL P. DRAWN BY: CHECKED BY: JON H.

SCALE: AS SHOWN DATE: 3/26/2024 JOB NO.: 23-00109

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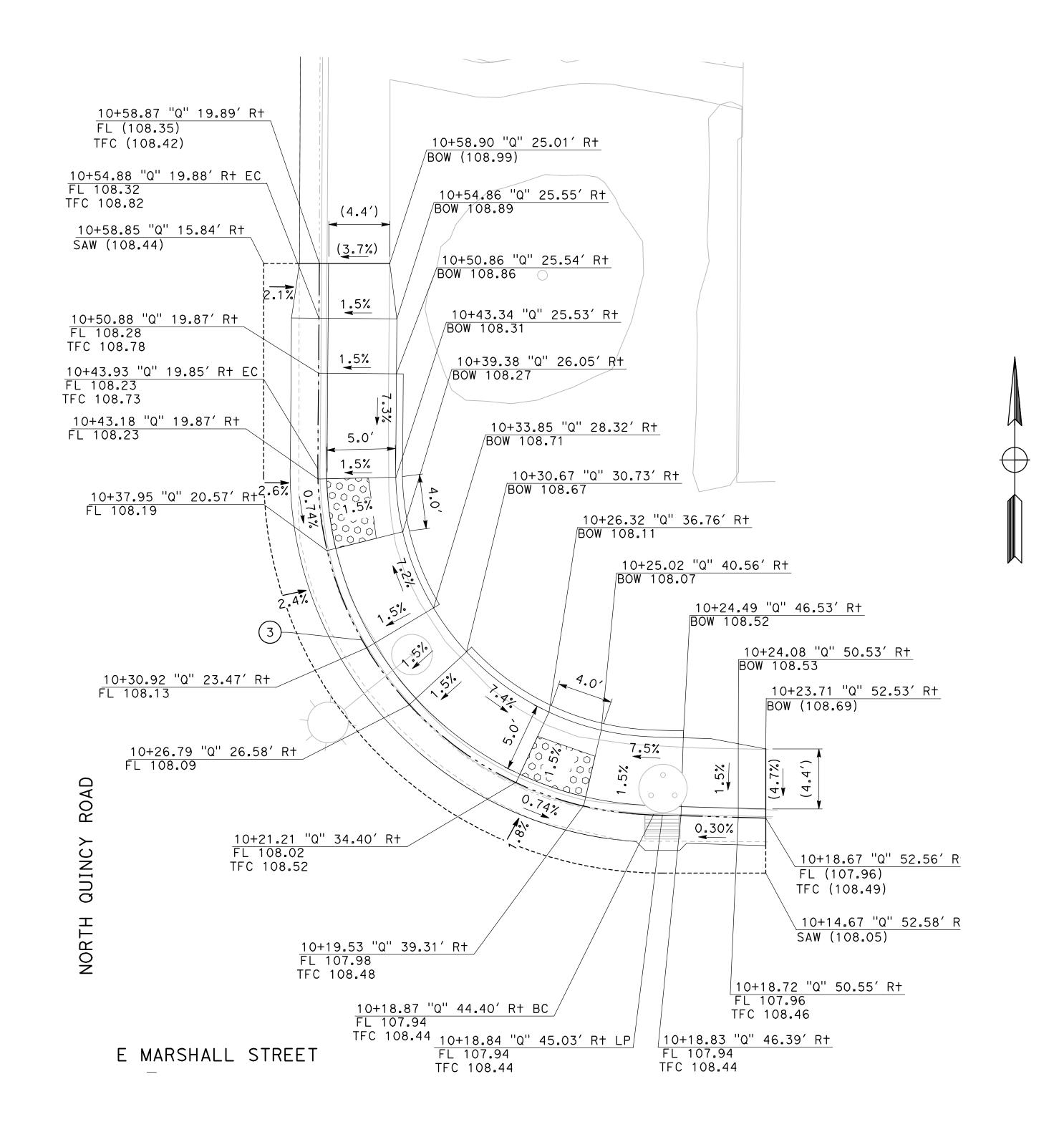
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ENGINEERING DIVISION
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(209) 668-5520

| TURLOCK INC. 1908 |
|-------------------|

**CITY OF TURLOCK ROADS PROGRAM - CIP CONSTRUCTION DETAILS** 

Sheet <u>18</u> of \_**54**\_ Sheets

| CURVE TABLE |        |           |        |        |  |
|-------------|--------|-----------|--------|--------|--|
| No. X       | R      | Δ         | Т      | L      |  |
| 3           | 25.00′ | 89°04′55" | 24.61′ | 38.87′ |  |





#### N QUINCY/E MARSHALL NE CURB RAMP

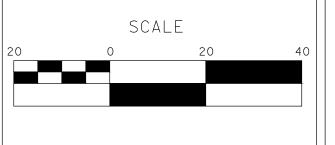
SCALE: 1" =5'

DESIGNED BY: ANGEL P. ANGEL P. DRAWN BY: CHECKED BY: JON H. SCALE: AS SHOWN

DATE: 3/26/2024 JOB NO.: 23-00109

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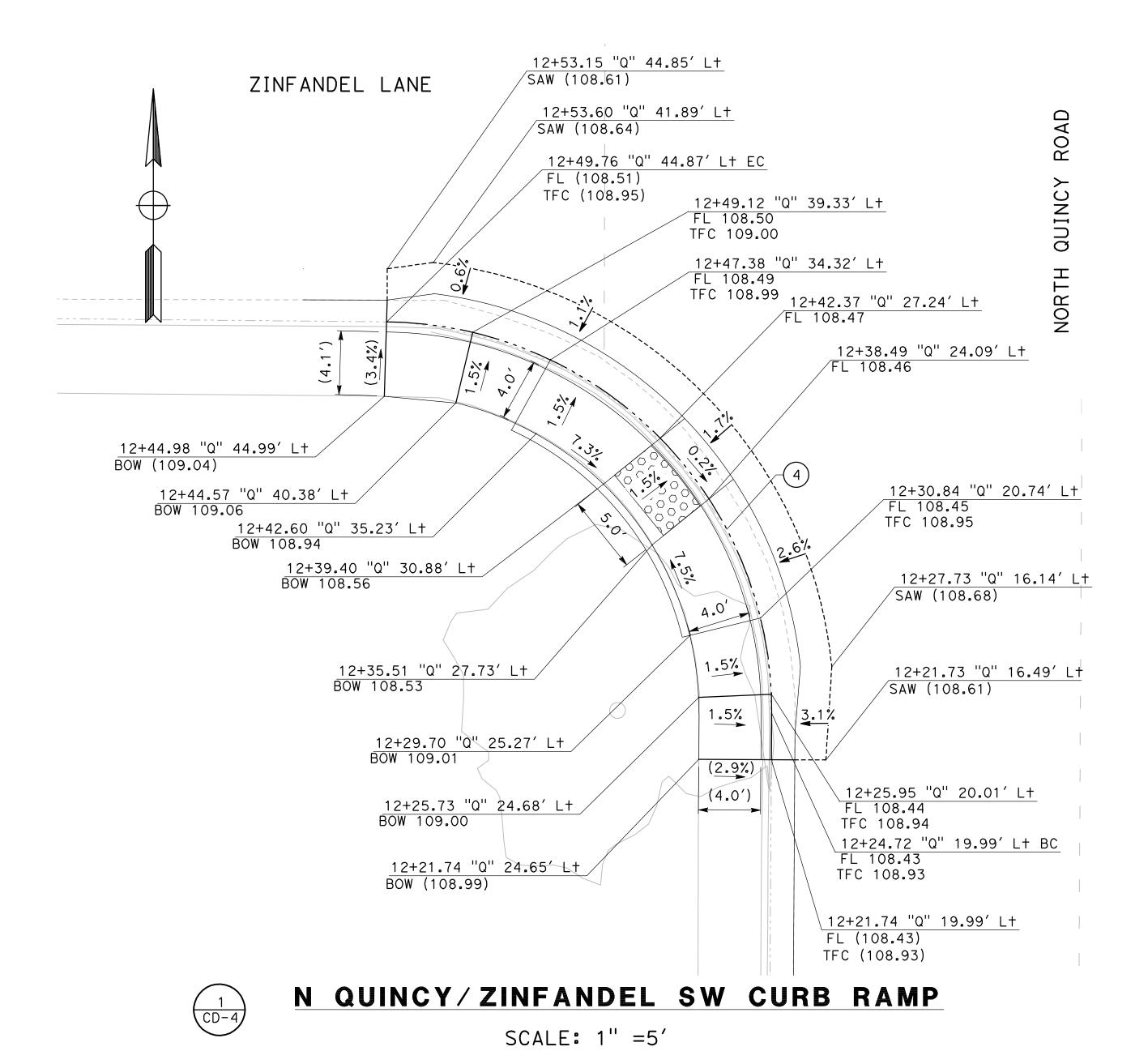
#### **MARK** ■ ■ THOMAS

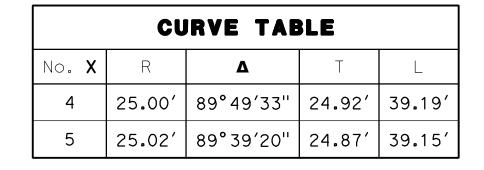
CITY OF TURLOCK
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ENGINEERING DIVISION
156 S. BROADWAY SUIT 150
(209) 668-5520 701 UNIVERSITY AVENUE, SUITE 200 SACRAMENTO, CALIFORNIA 95825 (916) 381-9100 FAX:(916)381-9180 markthomas.com

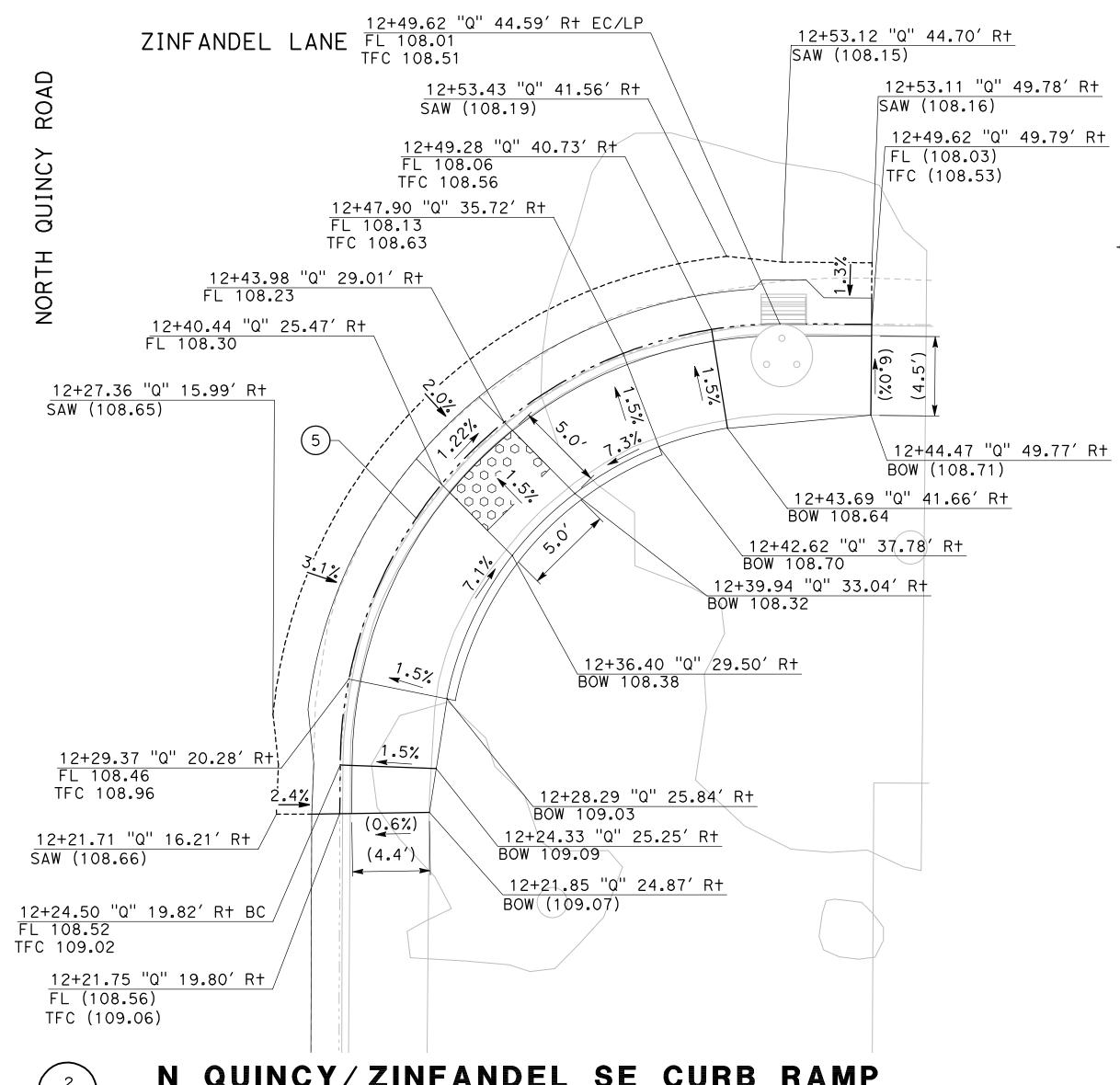


#### **CITY OF TURLOCK ROADS PROGRAM - CIP CONSTRUCTION DETAILS**

Sheet <u>19</u> of **54** Sheets







N QUINCY/ZINFANDEL SE CURB RAMP

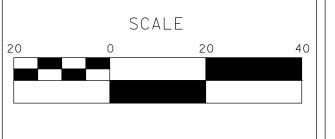
SCALE: 1" =5'

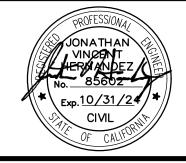
DESIGNED BY: ANGEL P. ANGEL P. DRAWN BY:

CHECKED BY: JON H. SCALE: AS SHOWN DATE: 3/26/2024 OB NO.: 23-00109

ALL REFERENCES AND WRITTEN
DIMENSIONS SHALL SUPERCEDE ALL
SCALED DISTANCES AND SHALL BE
VERIFIED IN THE FIELD. ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.







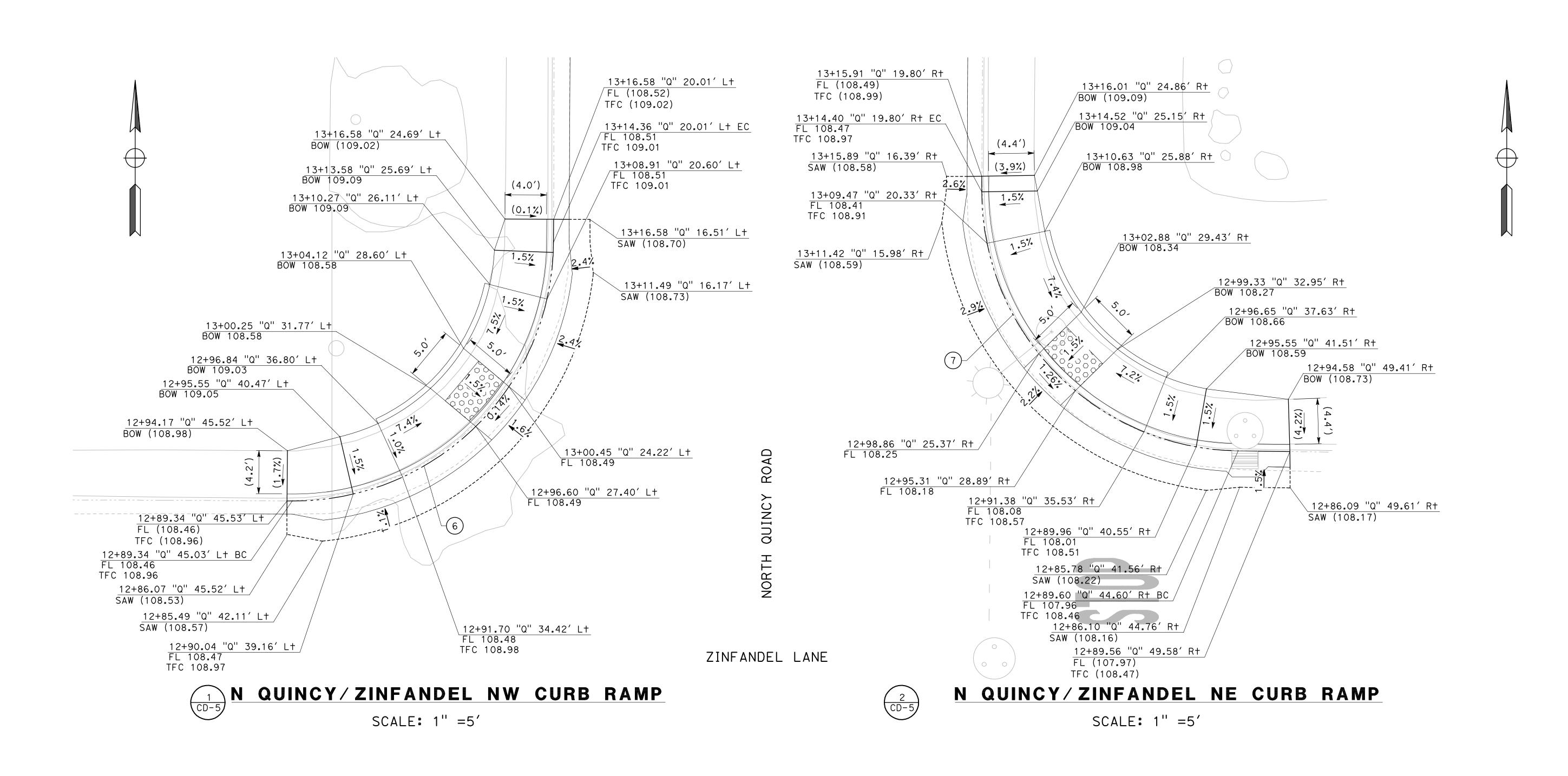


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| 100 | CITY OF TURLOCK      |
|-----|----------------------|
|     | ROADS PROGRAM - CIP  |
| OCK | CONSTRUCTION DETAILS |

Sheet <u>20</u> **54** Sheets



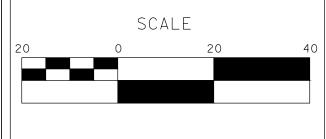
| CURVE TABLE |        |            |        |        |  |
|-------------|--------|------------|--------|--------|--|
| No. X       | R      | Δ          | Т      | L      |  |
| 6           | 25.00′ | 90°05′04"  | 25.04′ | 39.31′ |  |
| 7           | 25.00′ | 89°05′10'' | 24.60′ | 38.87′ |  |

DESIGNED BY: ANGEL P. ANGEL P. DRAWN BY: CHECKED BY: JON H. SCALE: AS SHOWN

DATE: 3/26/2024 OB NO.: 23-00109

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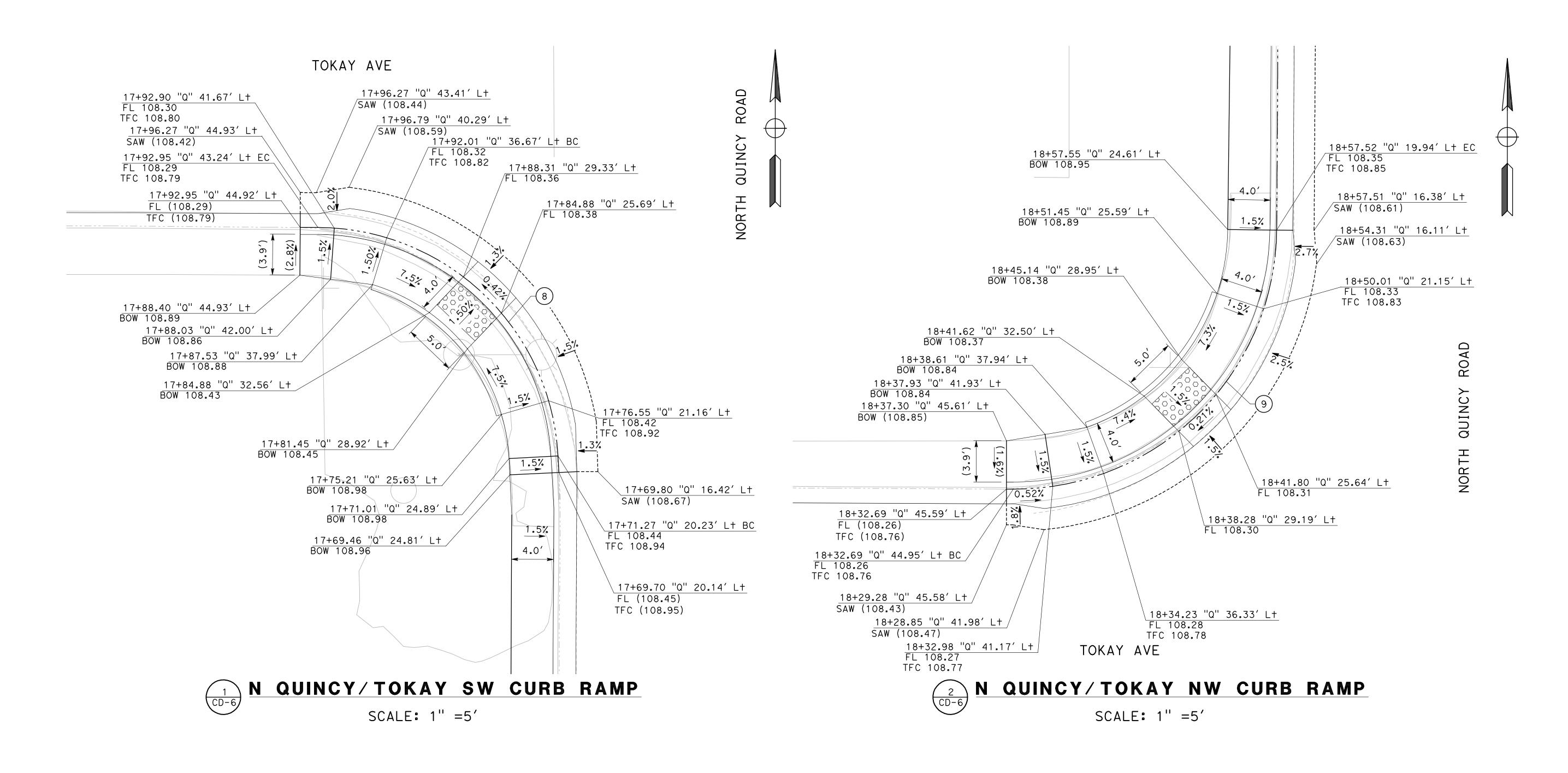
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| TURLOCK INC. 1908 |  |
|-------------------|--|

#### CITY OF TURLOCK **ROADS PROGRAM - CIP CONSTRUCTION DETAILS**

Sheet <u>21</u> of \_**54**\_ Sheets



| CURVE TABLE |        |            |        |        |  |
|-------------|--------|------------|--------|--------|--|
| No. X       | R      | Δ          | Т      | L      |  |
| 8           | 23.00′ | 86°48′55"  | 21.76′ | 34.85′ |  |
| 9           | 25.00′ | 89° 36′53" | 24.83′ | 39.10′ |  |

DESIGNED BY: ANGEL P.

DRAWN BY: ANGEL P.

CHECKED BY: JON H.

SCALE: AS SHOWN

SCALE: AS SHOWN
DATE: 3/26/2024
JOB NO.: 23-00109

ALL REFERENCES AND WRITTEN

DIMENSIONS SHALL SUPERCEDE ALL

SCALED DISTANCES AND SHALL BE

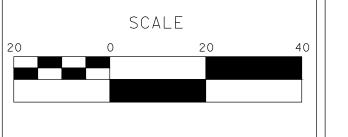
VERIFIED IN THE FIELD. ANY

DISCREPANCY SHALL BE BROUGHT TO

THE ATTENTION OF THE ENGINEER

PRIOR TO THE COMMENCEMENT OF WORK.







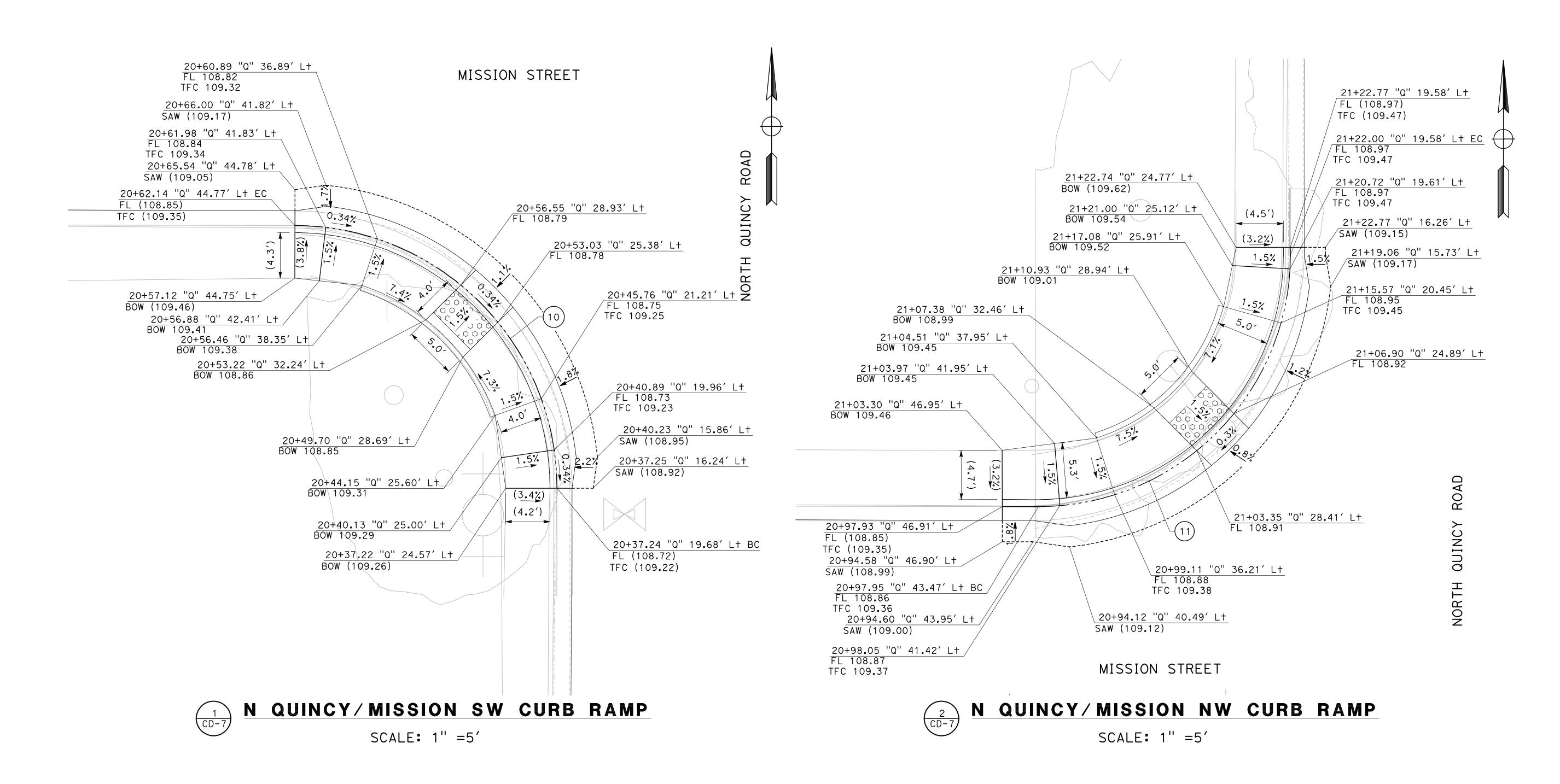


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|                   | CITY OF TURLOCK            |
|-------------------|----------------------------|
|                   | <b>ROADS PROGRAM - CIP</b> |
| RLOCK<br>NC. 1908 | CONSTRUCTION DETAILS       |

Sheet <u>22</u> of <u>54</u> Sheets



| CURVE TABLE |        |           |        |        |  |
|-------------|--------|-----------|--------|--------|--|
| No. X       | R      | Δ         | Т      | L      |  |
| 10          | 25.00′ | 89°58′20" | 24.99′ | 39.26′ |  |
| 11          | 24.00′ | 89°51′04" | 23.94′ | 37.64′ |  |

DESIGNED BY: ANGEL P.

DRAWN BY: ANGEL P.

CHECKED BY: JON H.

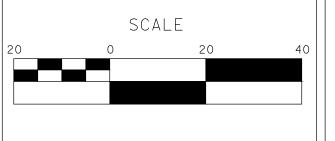
SCALE: AS SHOWN

DATE: 3/26/2024

JOB NO.: 23-00109

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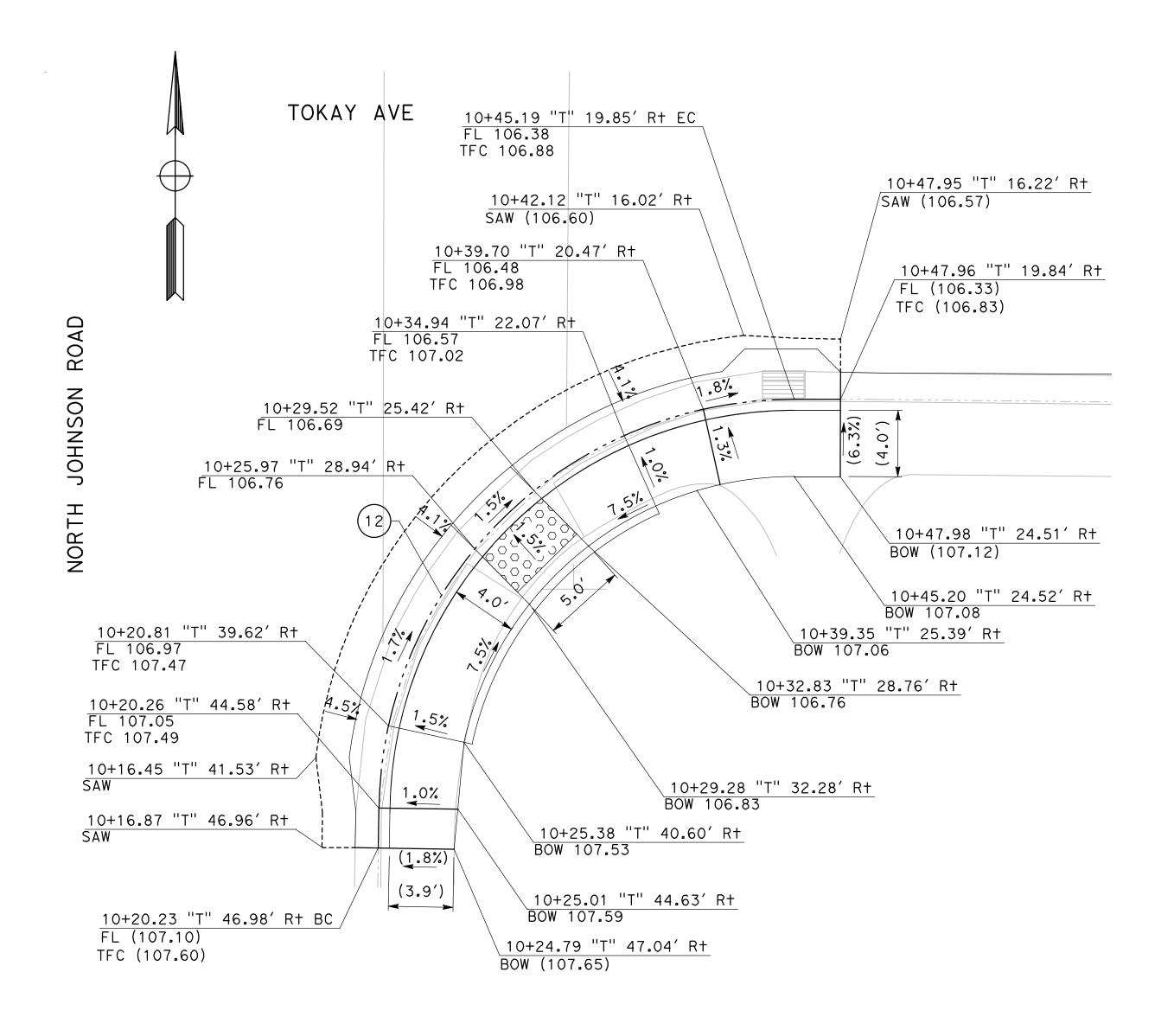
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| ROA  |                      |
| CONS | TURLOCK<br>INC. 1908 |

CITY OF TURLOCK
ROADS PROGRAM - CIP
CONSTRUCTION DETAILS

Sheet <u>23</u> of <u>54</u> Sheets

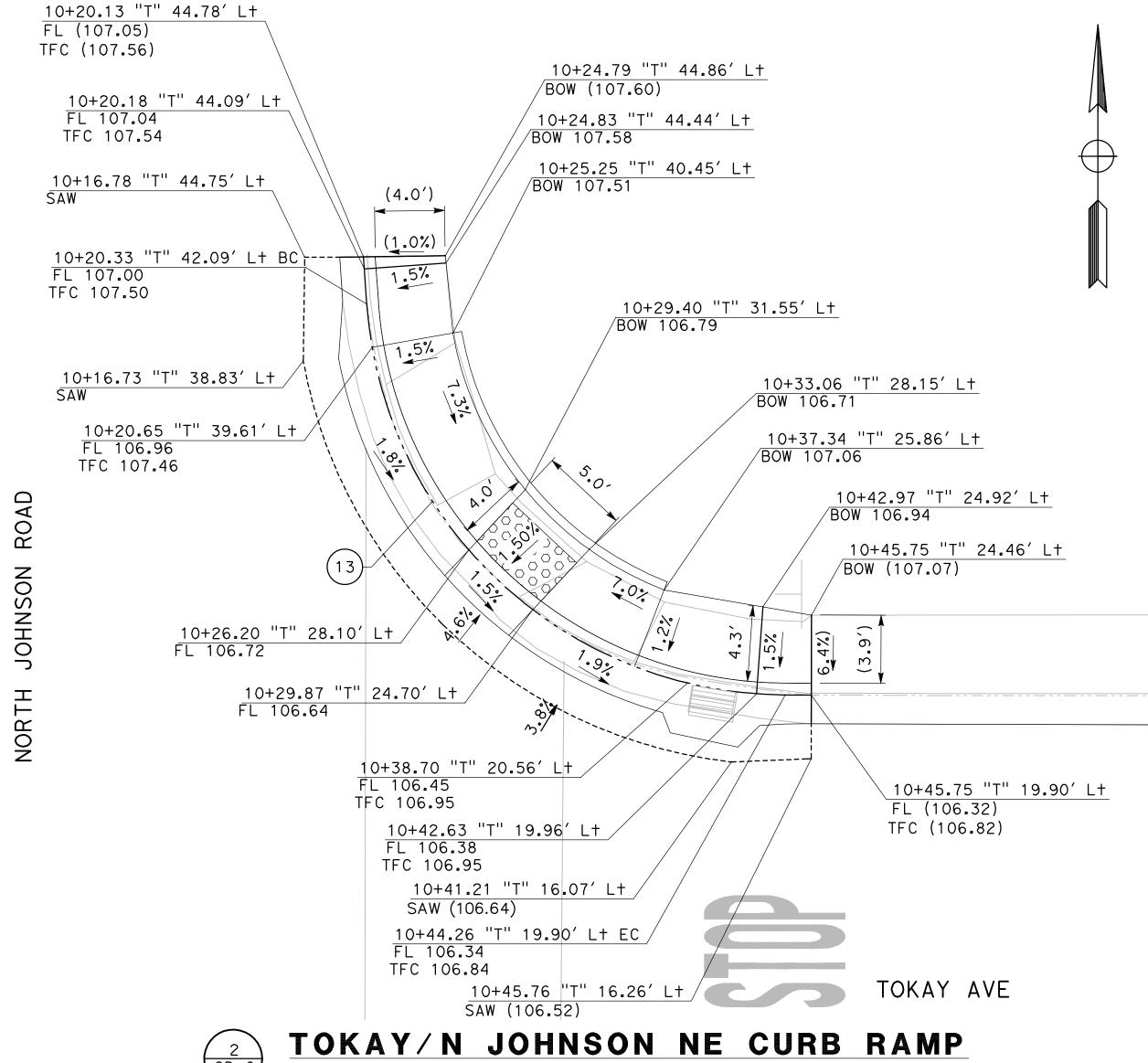




#### TOKAY/N JOHNSON SE CURB RAMP

SCALE: 1" =5'

| CURVE TABLE |        |           |        |                 |  |
|-------------|--------|-----------|--------|-----------------|--|
| No. X       | R      | Δ         | Т      | L               |  |
| 12          | 24.99′ | 89°52′54" | 24.94′ | 39 <b>.</b> 21′ |  |
| 13          | 24.00′ | 85°40′49" | 22.26′ | 35.89′          |  |



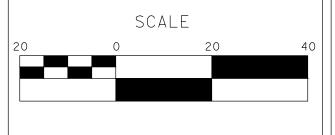
| CURVE TABLE |        |           |        |                 |  |
|-------------|--------|-----------|--------|-----------------|--|
| No. X       | R      | Δ         | Τ      | L               |  |
| 12          | 24.99′ | 89°52′54" | 24.94′ | 39 <b>.</b> 21′ |  |
| 13          | 24.00′ | 85°40′49" | 22.26′ | 35.89′          |  |

DESIGNED BY: ANGEL P. ANGEL P. DRAWN BY: CHECKED BY: JON H. SCALE: AS SHOWN DATE: 3/26/2024

OB NO.: 23-00109

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**► MARK** ■ ■ THOMAS

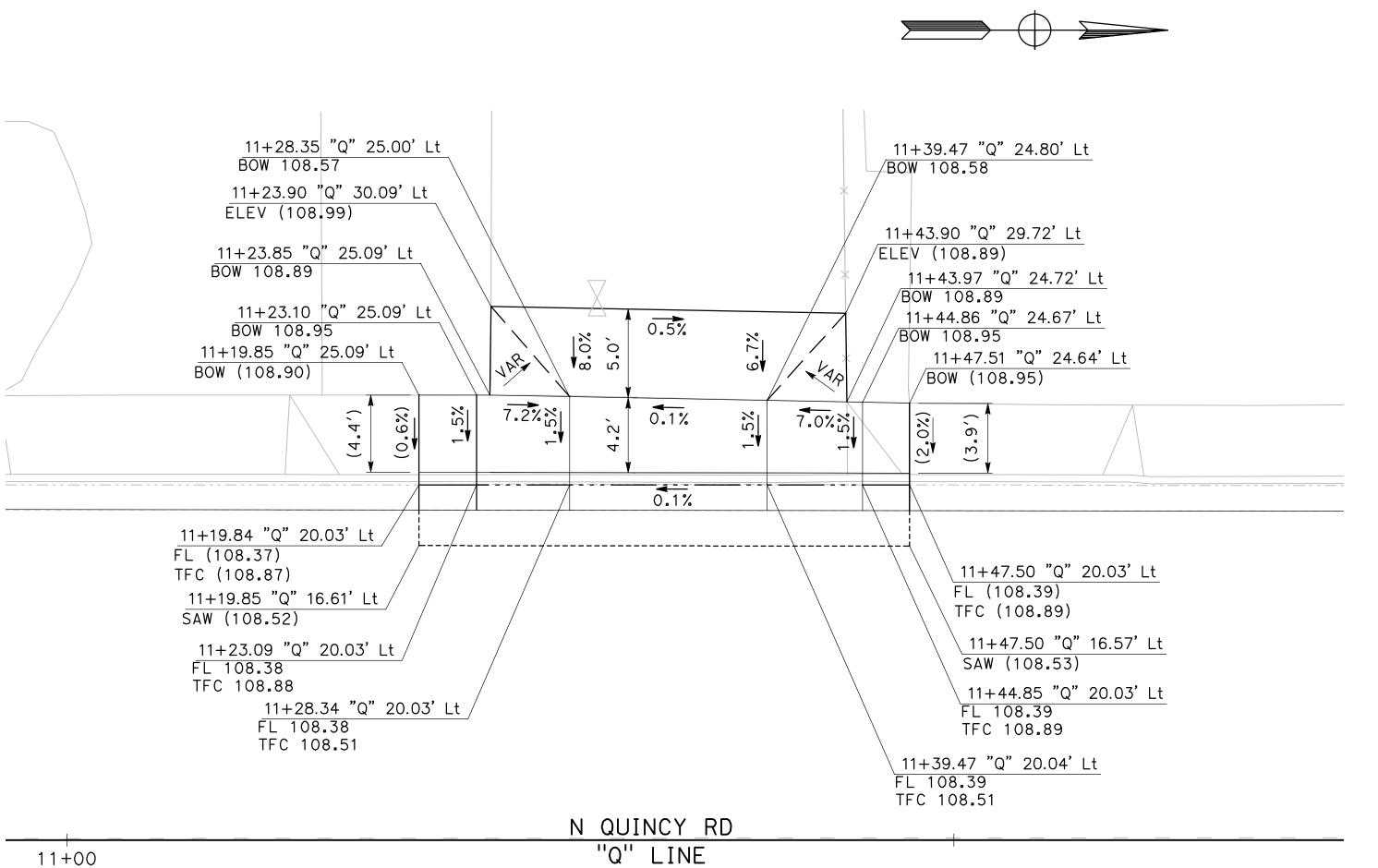
701 UNIVERSITY AVENUE, SUITE 200 SACRAMENTO, CALIFORNIA 95825 (916) 381-9100 FAX:(916)381-9180 markthomas.com

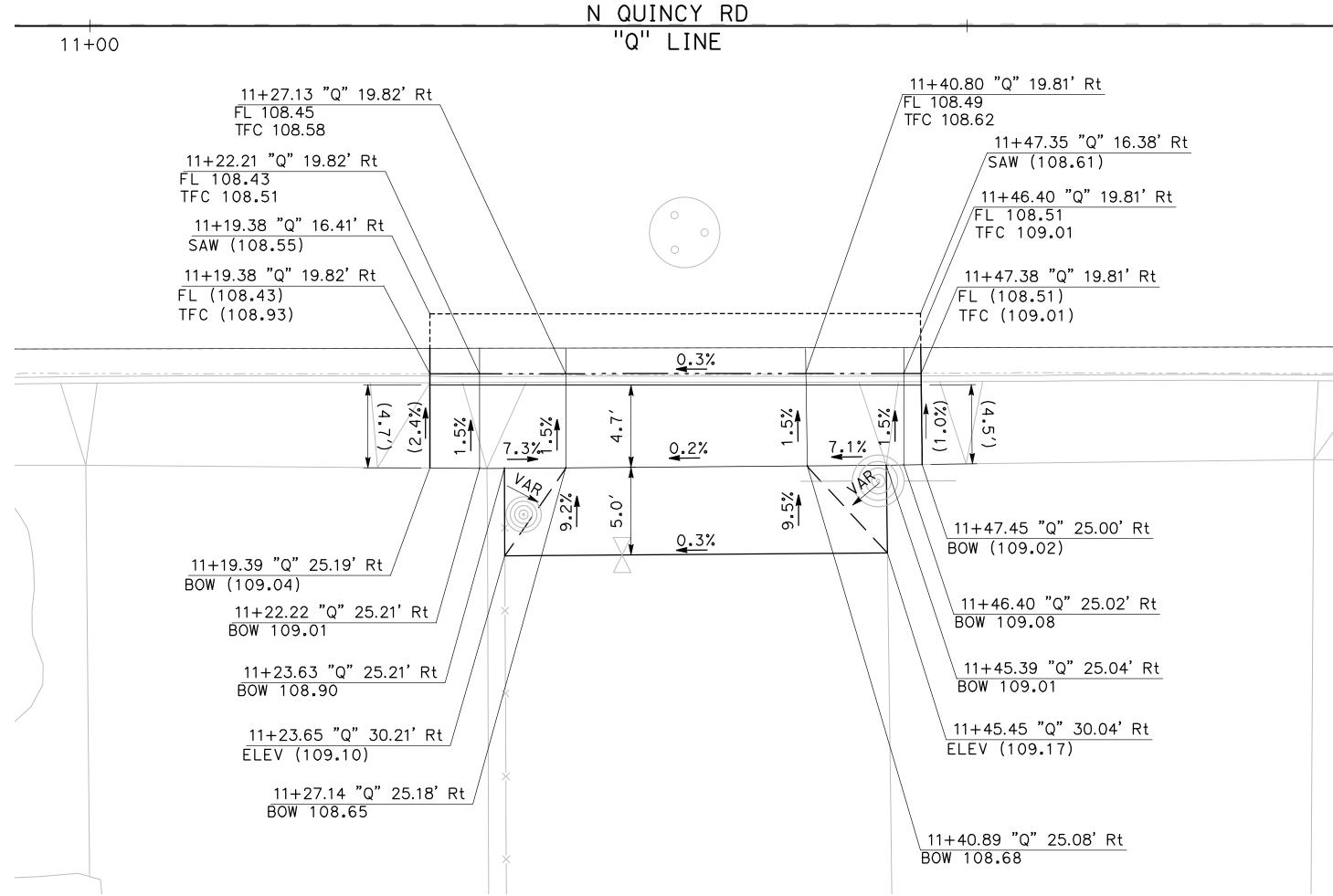
CITY OF TURLOCK
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
156 S. BROADWAY SUIT 150
(209) 668-5520



SCALE: 1" =5'

**CITY OF TURLOCK ROADS PROGRAM - CIP CONSTRUCTION DETAILS**  Sheet <u>24</u> of **54** Sheets

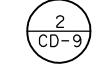






#### MIDBLOCK: E MARSHALL ST & ZINFANDEL LN W ALLEY

SCALE: 1" =5'



#### MIDBLOCK: E MARSHALL ST & ZINFANDEL LN E ALLEY

SCALE: 1" =5'

DESIGNED BY: ANGEL P.

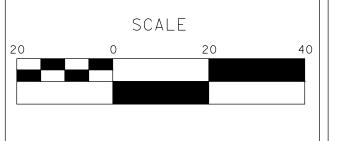
DRAWN BY: ANGEL P.

CHECKED BY: JON H.

CHECKED BY: JON H.
SCALE: AS SHOWN
DATE: 3/26/2024
JOB NO.: 23-00109

NOTE:
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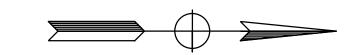




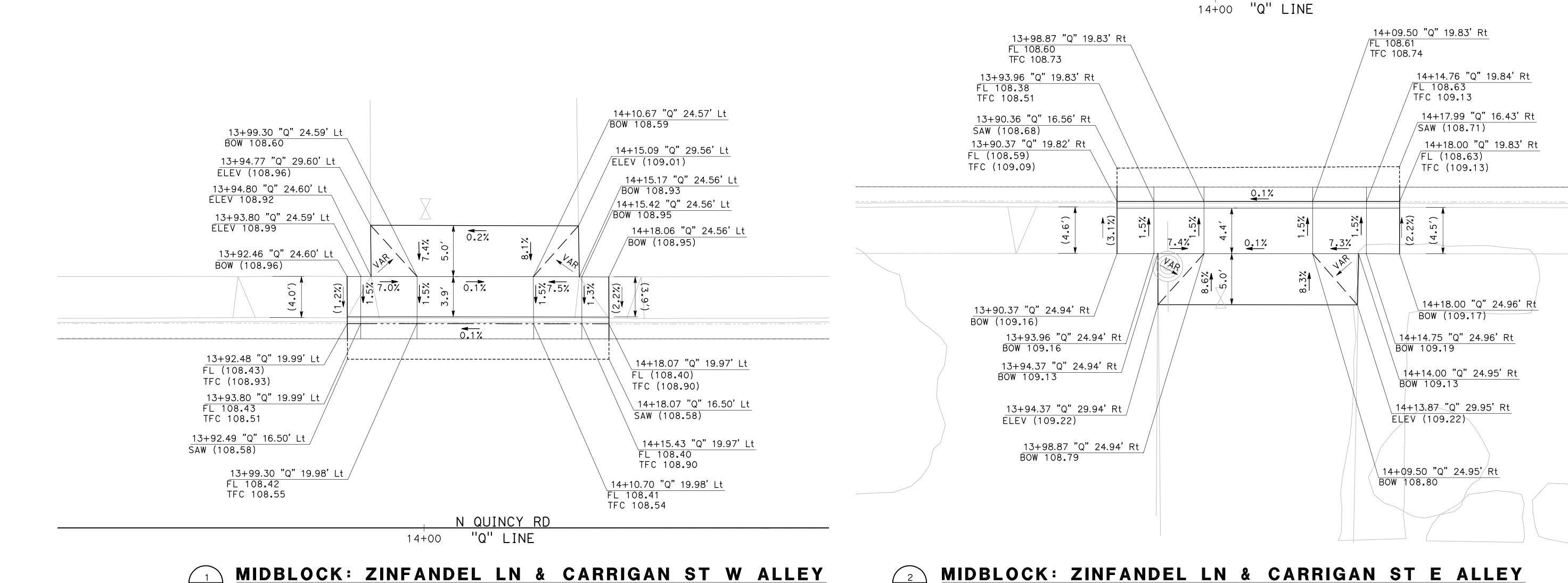
# CITY OF TURLOCK ROADS PROGRAM - CIP CONSTRUCTION DETAILS

Sheet <u>25</u> of <u>54</u> Sheets





N QUINCY RD



DESIGNED BY: ANGEL P.

DRAWN BY: ANGEL P.
CHECKED BY: JON H.

SCALE: AS SHOWN

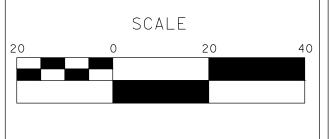
DATE: 3/26/2024

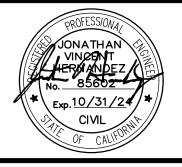
JOB NO.: 23-00109

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SCALE: 1" =5'







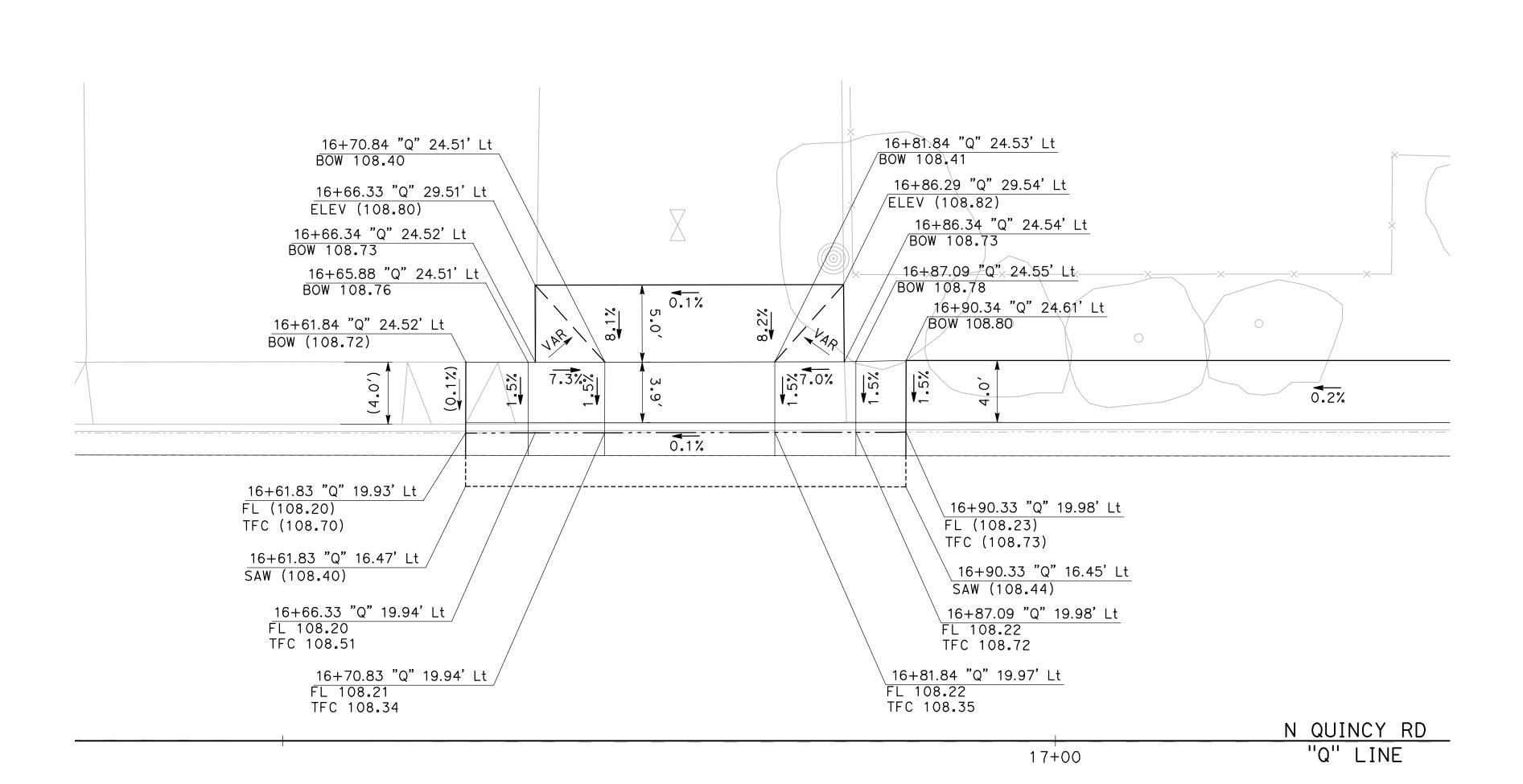
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SCALE: 1" =5'

# CITY OF TURLOCK ROADS PROGRAM - CIP CONSTRUCTION DETAILS

Sheet <u>26</u> of <u>54</u> Sheets





#### MIDBLOCK: CARRIGAN ST & TOKAY AVE W ALLEY

SCALE: 1" =5'

| DESIGNED BY:    | ANGEL P. |
|-----------------|----------|
| DRAWN BY:       | ANGEL P. |
| CHECKED BY:     | JON H.   |
| SCALE: AS SHOWN |          |

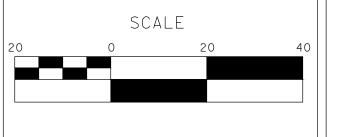
SCALE: AS SHOWN

DATE: 3/26/2024

JOB NO.: 23-00109

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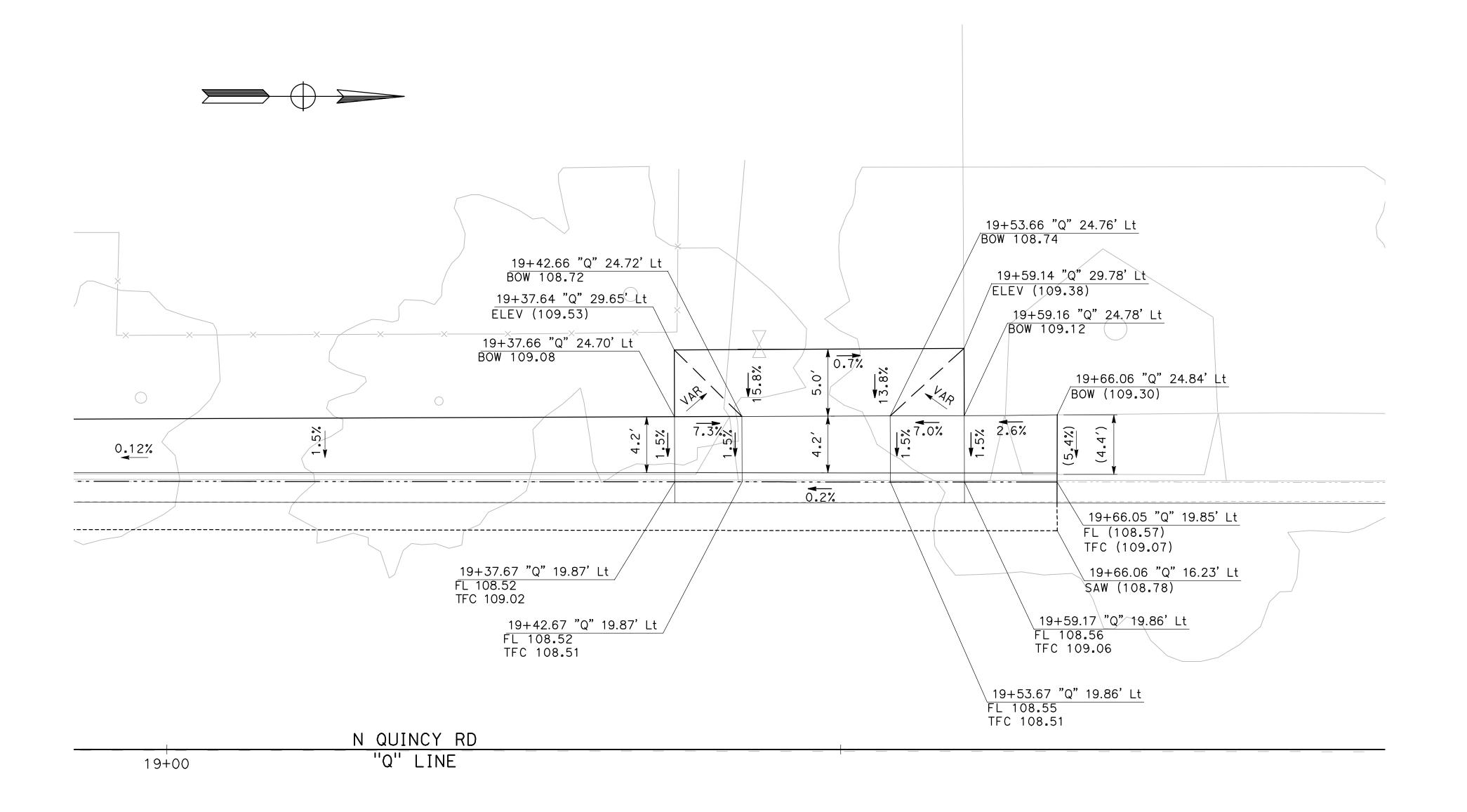


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|                  | CITY OF TURLOCK      |
|------------------|----------------------|
|                  | ROADS PROGRAM - CIP  |
| RLOCK<br>C. 1908 | CONSTRUCTION DETAILS |

Sheet <u>27</u>
of <u>54</u> Sheets





#### MIDBLOCK: TOKAY AVE & MISSION ST W ALLEY

SCALE: 1" =5'

| DESIGNED BY: | ANGEL P. |
|--------------|----------|
| DRAWN BY:    | ANGEL P. |
| CHECKED BY:  | JON H.   |
|              | OWN!     |

CHECKED BY: JON H.

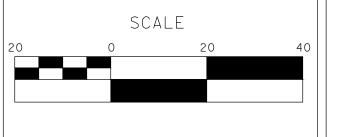
SCALE: AS SHOWN

DATE: 3/26/2024

JOB NO.: 23-00109

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PRIOR TO THE COMMENCEMENT OF WORK.







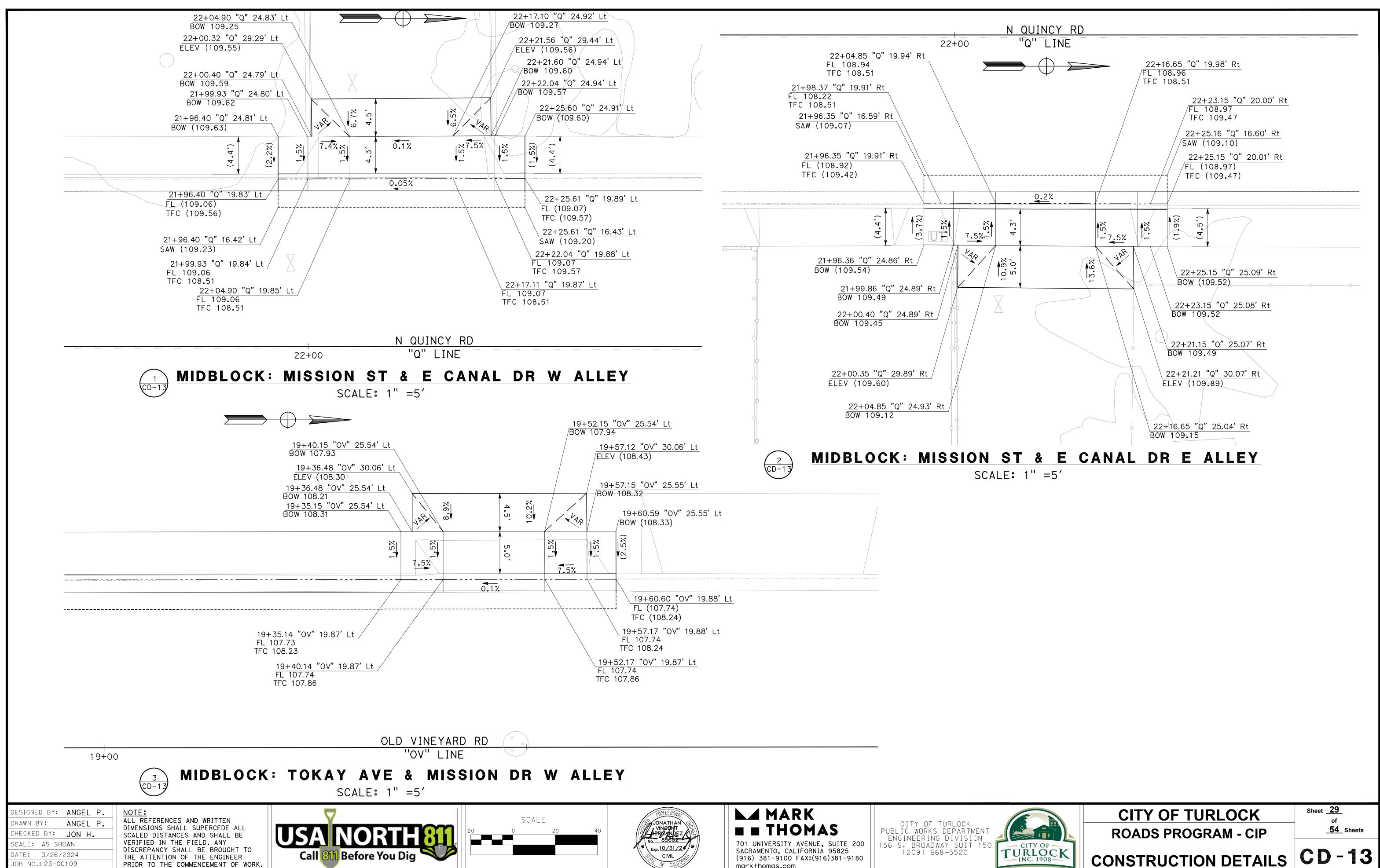


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| CITY OF TURLOCK     |
|---------------------|
| ROADS PROGRAM - CIP |
| CONSTRUCTION DETAIL |

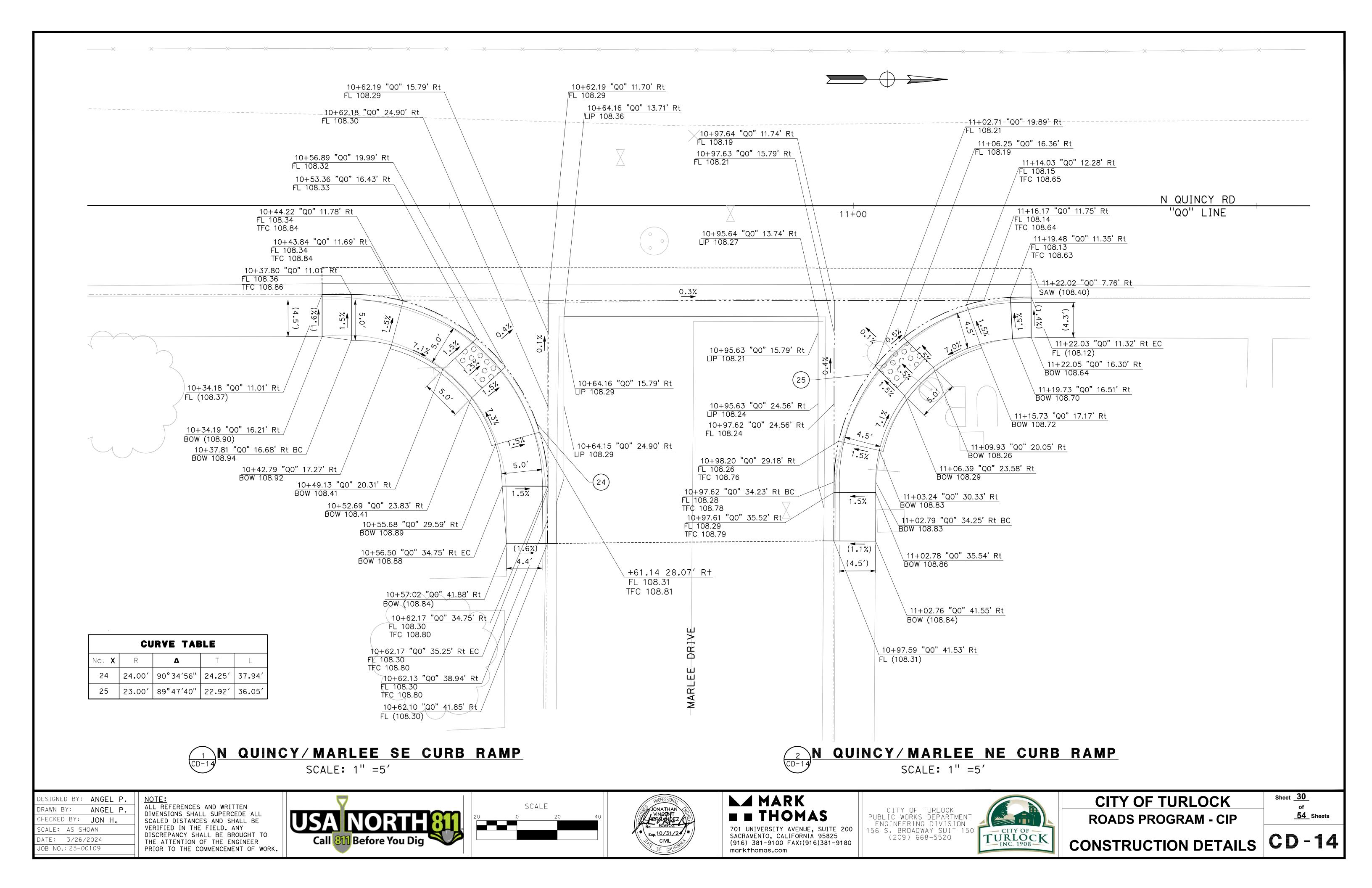
Sheet <u>28</u> of <u>54</u> Sheets

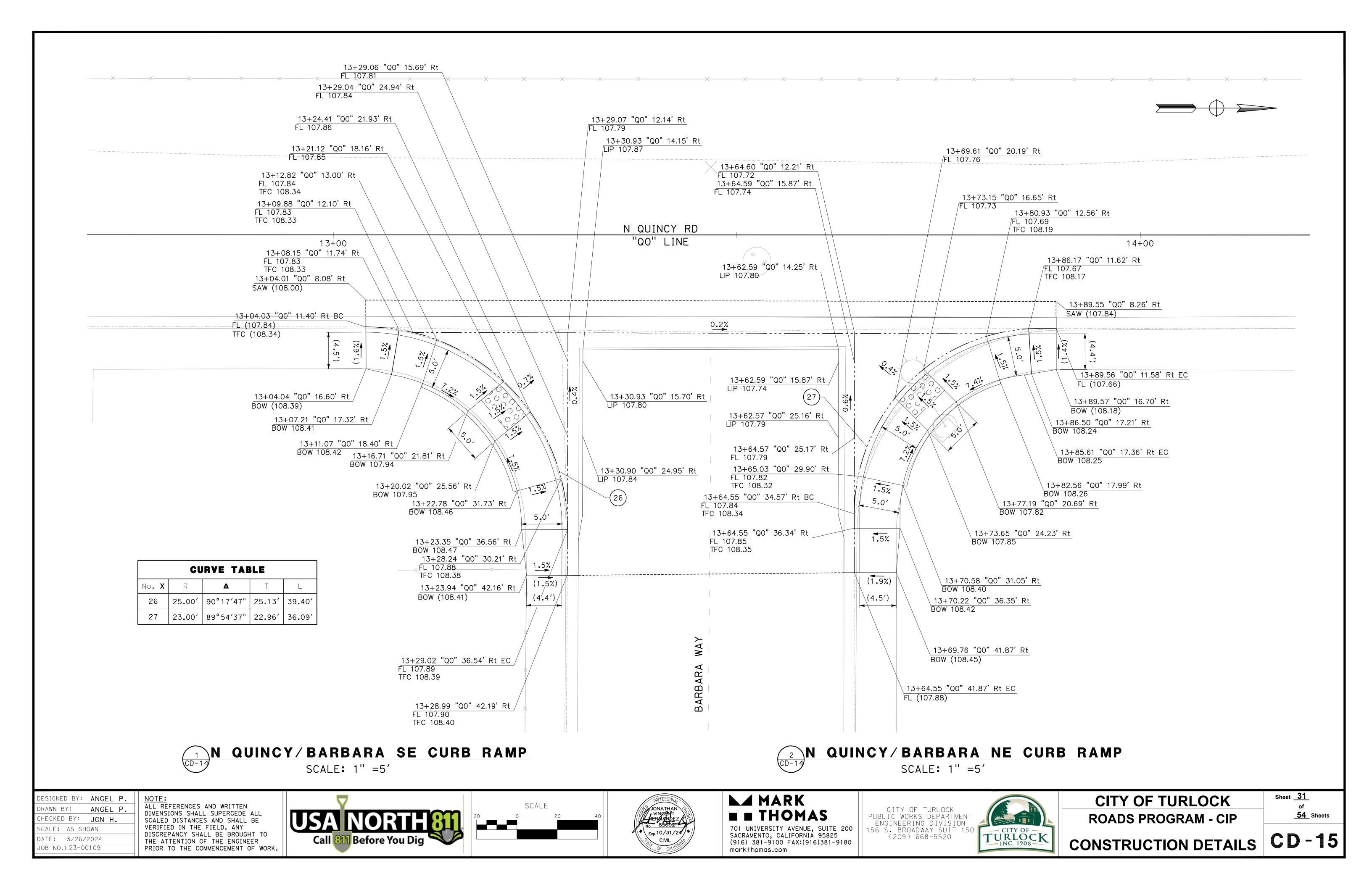


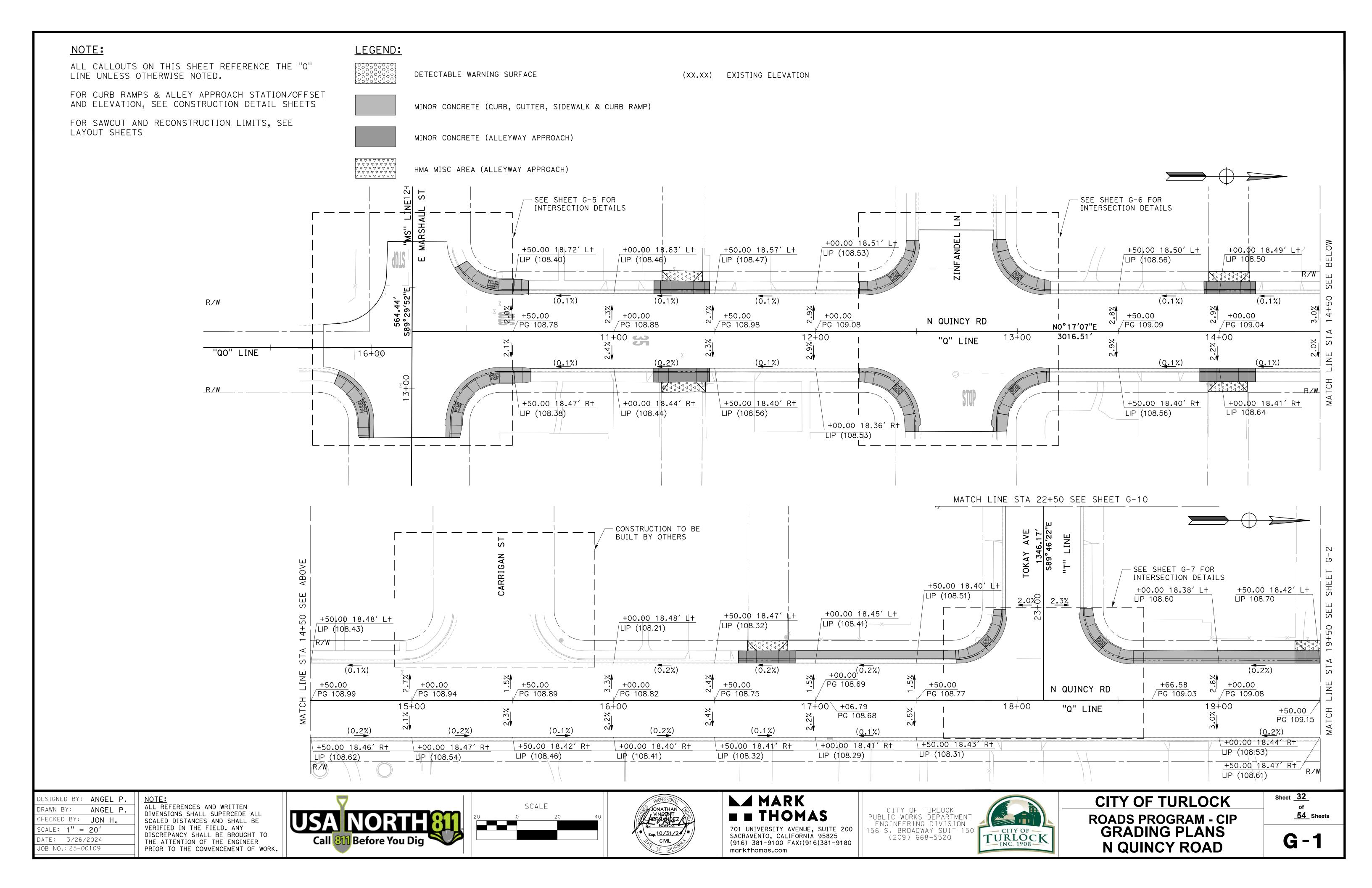
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PRIOR TO THE COMMENCEMENT OF WORK.

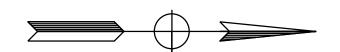


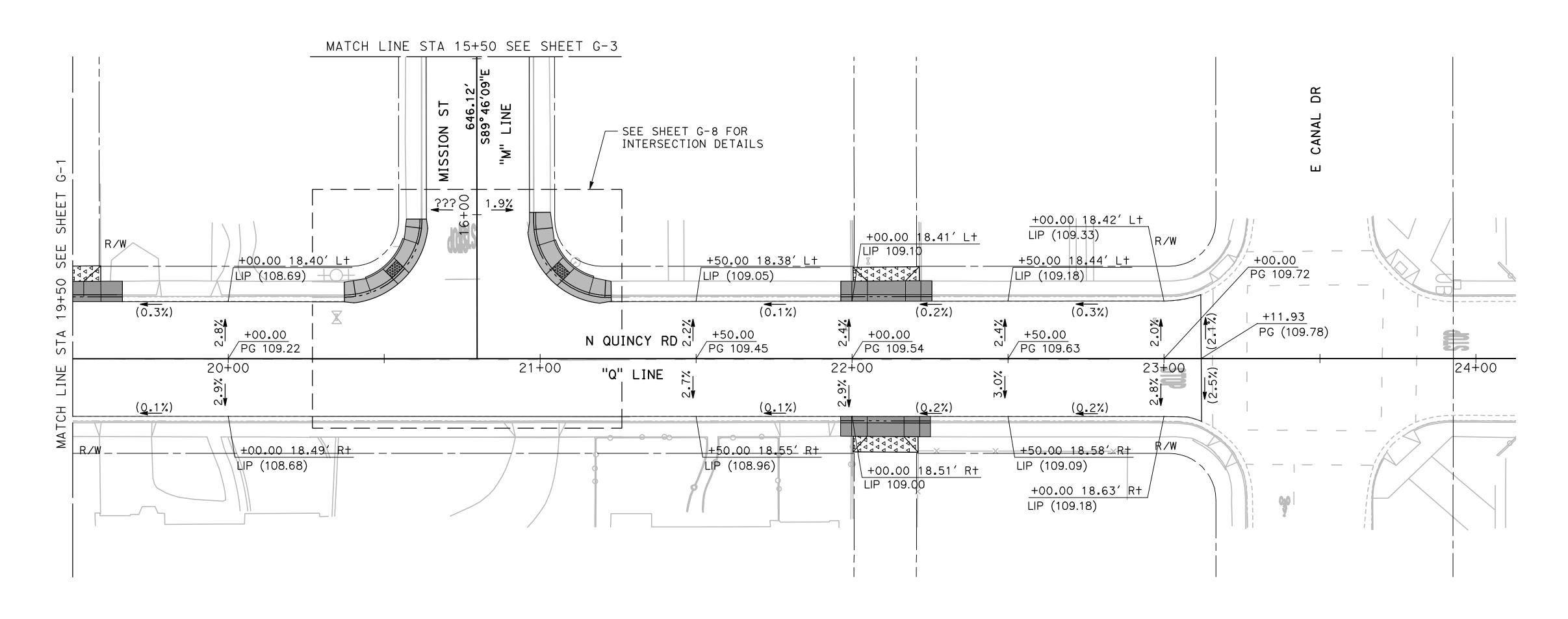




#### NOTE:

ALL CALLOUTS ON THIS SHEET REFERENCE THE "Q" LINE UNLESS OTHERWISE NOTED.





| DESIGNED BY: | ANGEL P. |
|--------------|----------|
| DRAWN BY:    | ANGEL P. |
| CHECKED BY:  | JON H.   |
| SCALE: 1" =  | 20′      |
|              |          |

DIMENSIONS SHALL SUPERCEDE ALL SCALED DISTANCES AND SHALL BE VERIFIED IN THE FIELD. ANY DISCREPANCY SHALL BE BROUGHT TO DATE: 3/26/2024 THE ATTENTION OF THE ENGINEER JOB NO.: 23-00109 PRIOR TO THE COMMENCEMENT OF WORK.









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|  | ROADS PROGRA |
| OF<br>OCK  | GRADING PI   |
| 908  | N QUINCY R   |

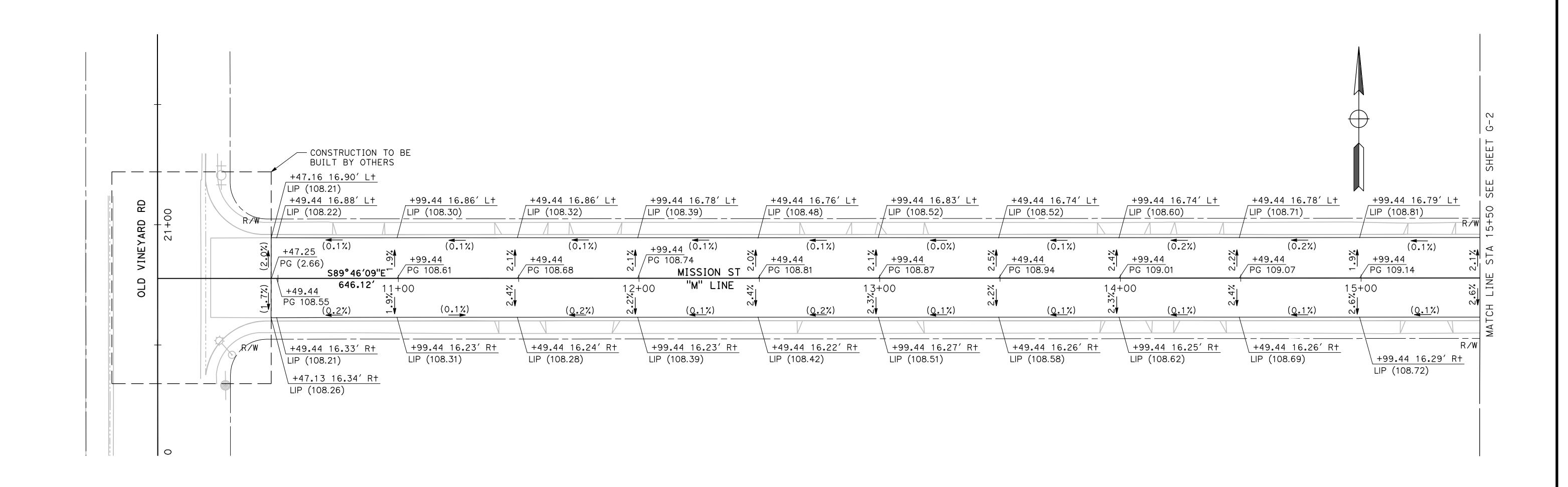
RLOCK RAM - CIP PLANS ROAD

Sheet <u>33</u> of **54** Sheets

**G-2** 

#### NOTE:

ALL CALLOUTS ON THIS SHEET REFERENCE THE "M" LINE UNLESS OTHERWISE NOTED.

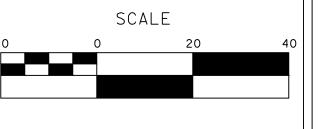


| DESIGNED BY: | ANGEL P. |
|--------------|----------|
| DRAWN BY:    | ANGEL P. |
| CHECKED BY:  | JON H.   |
| SCALE: 1" =  | 20'      |

DATE: 3/26/2024 JOB NO.: 23-00109

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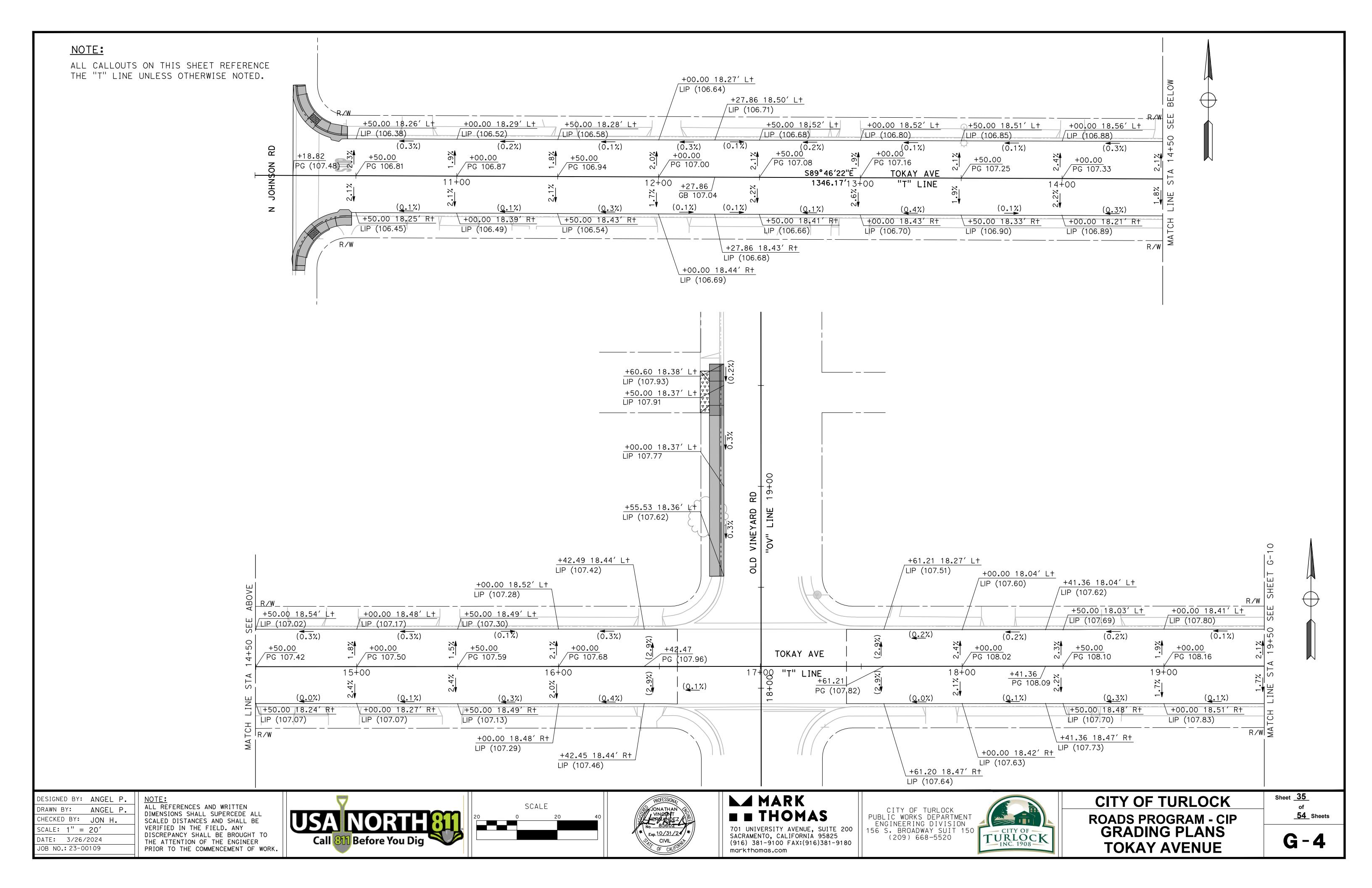
701 UNIVERSITY AVENUE, SUITE 200 SACRAMENTO, CALIFORNIA 95825 (916) 381-9100 FAX:(916)381-9180 markthomas.com

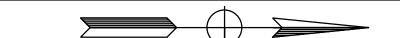


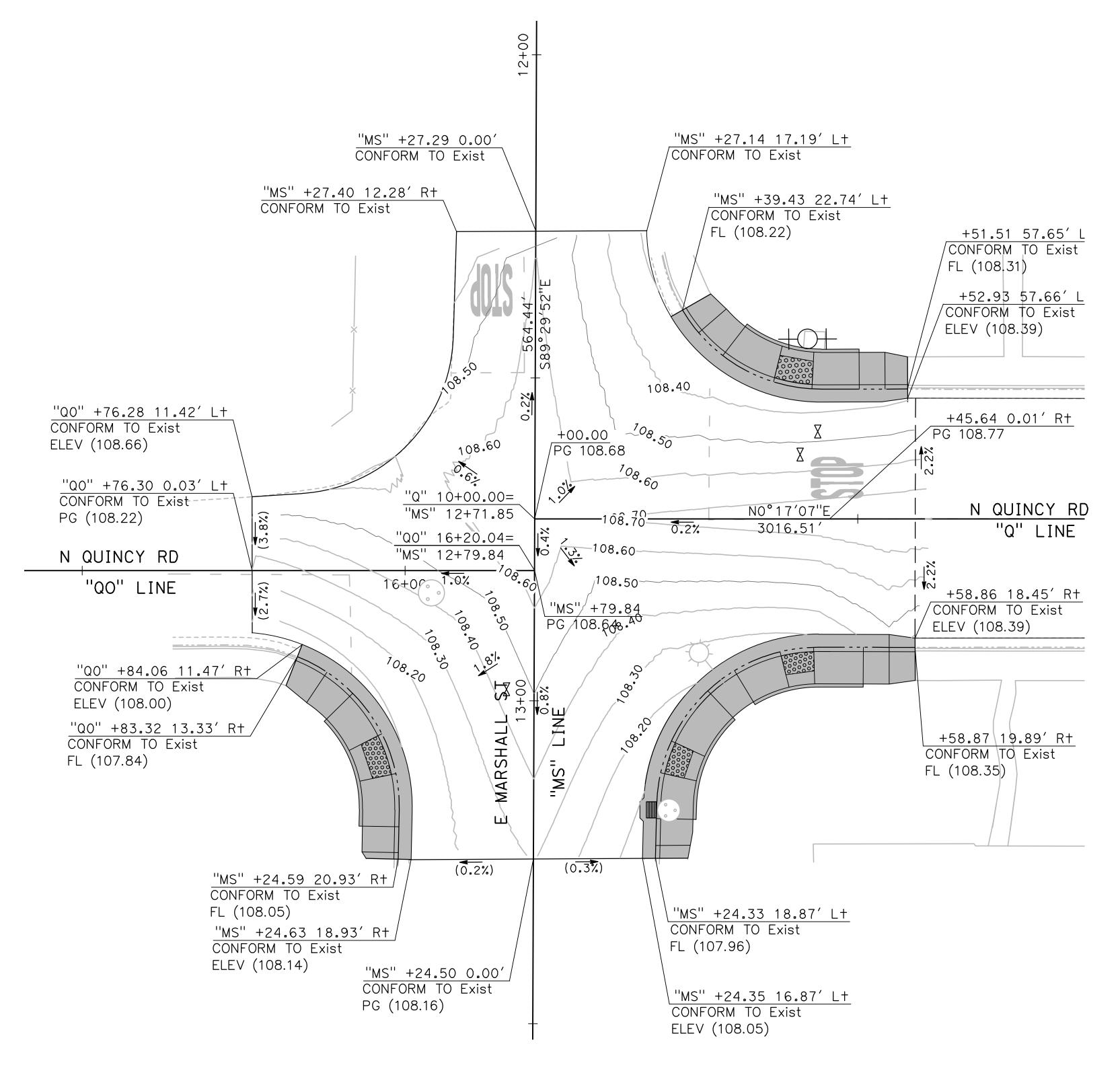
**CITY OF TURLOCK ROADS PROGRAM - CIP GRADING PLANS MISSION STREET** 

Sheet <u>34</u> **54** Sheets

**G-3** 







1 N QUINCY RD / E MARSHALL ST INTERSECTION DETAIL

G-5 SCALE: 1" = 10'

DESIGNED BY: ANGEL P.

DRAWN BY: ANGEL P.

CHECKED BY: JON H.

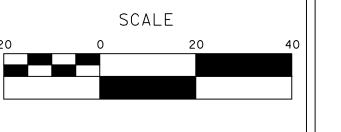
SCALE: AS SHOWN

DATE: 3/26/2024

JOB NO.: 23-00109

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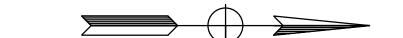
CITY OF TURLOCK
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
156 S. BROADWAY SUIT 150
(209) 668-5520

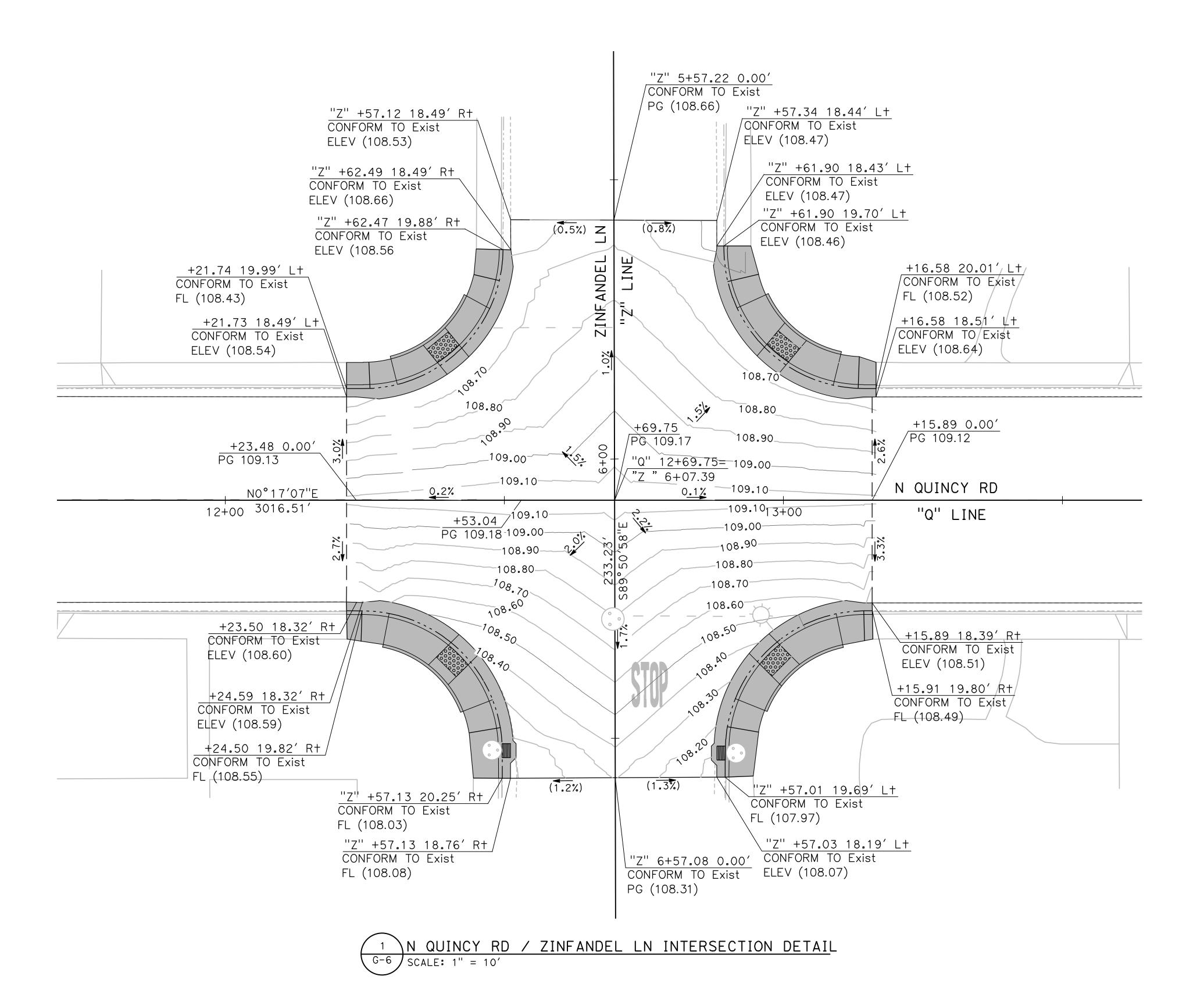


## CITY OF TURLOCK ROADS PROGRAM - CIP GRADING PLANS

Sheet <u>36</u> of <u>54</u> Sheets

**G** - 5





DESIGNED BY: ANGEL P. ANGEL P. DRAWN BY:

CHECKED BY: JON H. SCALE: AS SHOWN DATE: 3/26/2024 JOB NO.: 23-00109

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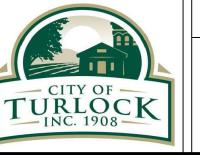




**► MARK THOMAS** 701 UNIVERSITY AVENUE, SUITE 200 SACRAMENTO, CALIFORNIA 95825

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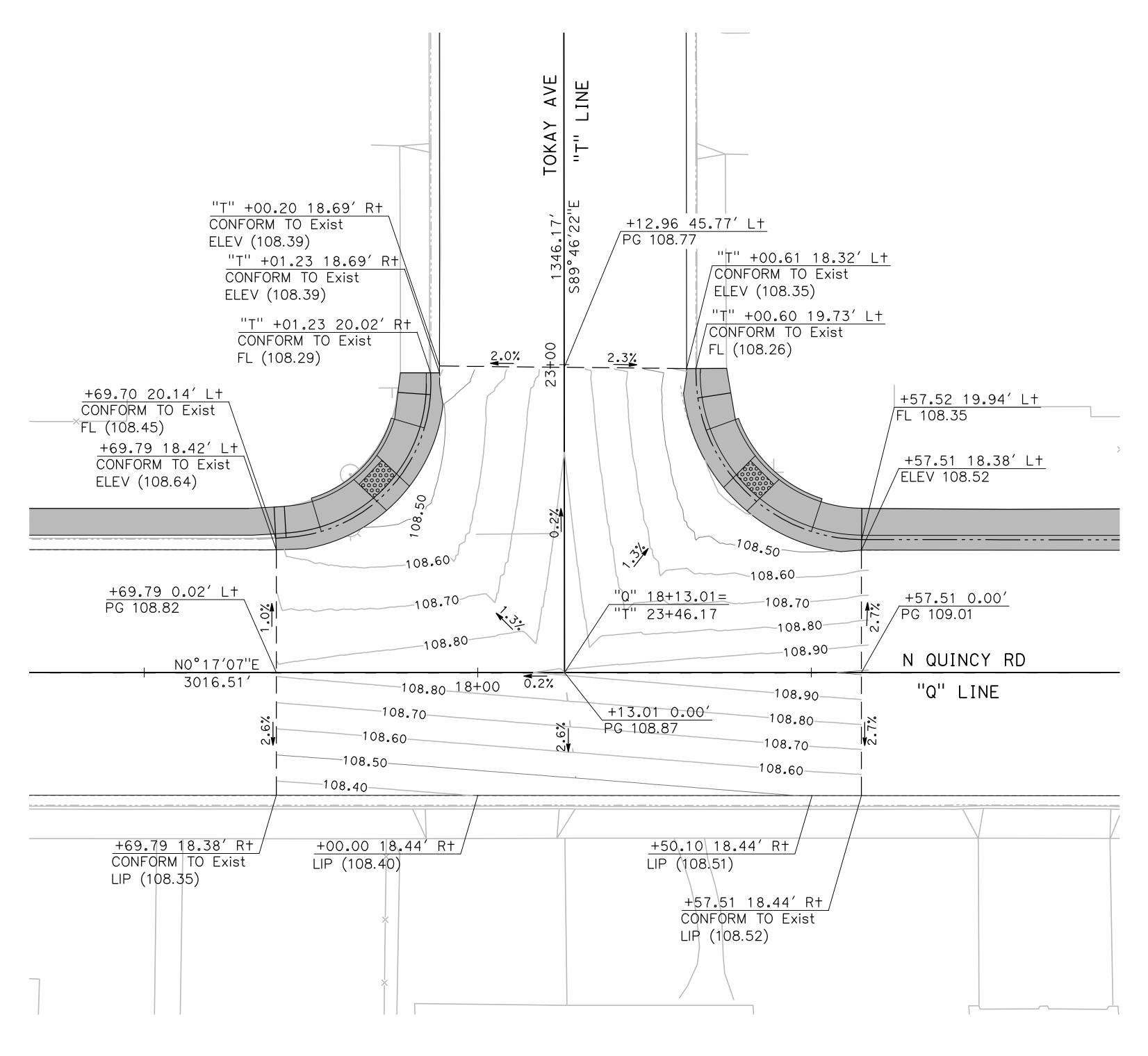
CITY OF TURLOCK
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
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**CITY OF TURLOCK ROADS PROGRAM - CIP GRADING PLANS** 

Sheet <u>37</u> of **54** Sheets





1 N QUINCY RD / TOKAY AVE INTERSECTION DETAIL

G-7 SCALE: 1" = 10'

DESIGNED BY: ANGEL P.

DRAWN BY: ANGEL P.

CHECKED BY: JON H.

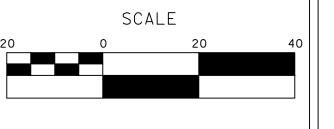
SCALE: AS SHOWN

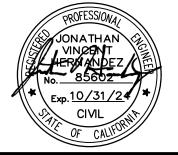
DATE: 3/26/2024

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|--------------------------------------|
| ROADS PROGRAM - CIP<br>GRADING PLANS |

Sheet <u>38</u>
of
<u>54</u> Sheets

MISSION ST "M" LINE "M" +99.35 16.21′ R+ CONFORM TO Exist "M" +99.22 16.84' L+ ELEV (108.98) CONFORM TO Exist ELEV (108.96) "M" +01.33 16.18' R+ CONFORM TO Exist "M" +99.21 18.19' L+ +79.75 PG 109.27 ELEV (108.99) CONFORM TO Exist ELEV (108.90) "M" +01.33 17.58' R+ CONFORM TO Exist \_1<u>.9%</u> +22.77 19.61' L+ ELEV (108.85) CONFORM TO Exist ELEV (109.02) +37.24 19.68' L+ +22.77 18.26' L+ CONFORM TO Exist CONFORM TO Exist ELEV (108.73) ELEV (109.07) +37.24 18.24' L+ CONFORM TO Exist ELEV (108.80) 109.20 109.10 "Q" 20+79.79= "M" 16+46.12 +79.79 /PG 109.33 \_109.20 N QUINCY RD NO°17′07"E 3016.51′ -109.30<del>21+</del>00 20+00 -109.20 "Q" LINE +37.25 +22.77 -109.20-PG 109.27 PG 109.41 -109.10--109.10--109.00--109.00--108.90--108.90-+37.25 18.47' Rt CONFORM TO Exist +00.00 18.55 Rt/ ELEV (108.76) LIP (108.84) +50.00 18.54' R† +22.76 18.47' Rt LIP (108.78) CONFORM TO Exist ELEV (108.90) N QUINCY RD / MISSION ST INTERSECTION DETAIL G-8 SCALE: 1" = 10' **►** MARK **CITY OF TURLOCK** DESIGNED BY: ANGEL P.

JONATHAN
VINCENT
HERMANDEZ
No. 85602

Exp. 10/31/2

CIVIL

**THOMAS** 

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— CITY OF — TURLOCK
INC. 1908

SCALE

Call Before You Dig

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PRIOR TO THE COMMENCEMENT OF WORK.

ANGEL P.

DRAWN BY:

CHECKED BY: JON H.

SCALE: AS SHOWN

DATE: 3/26/2024

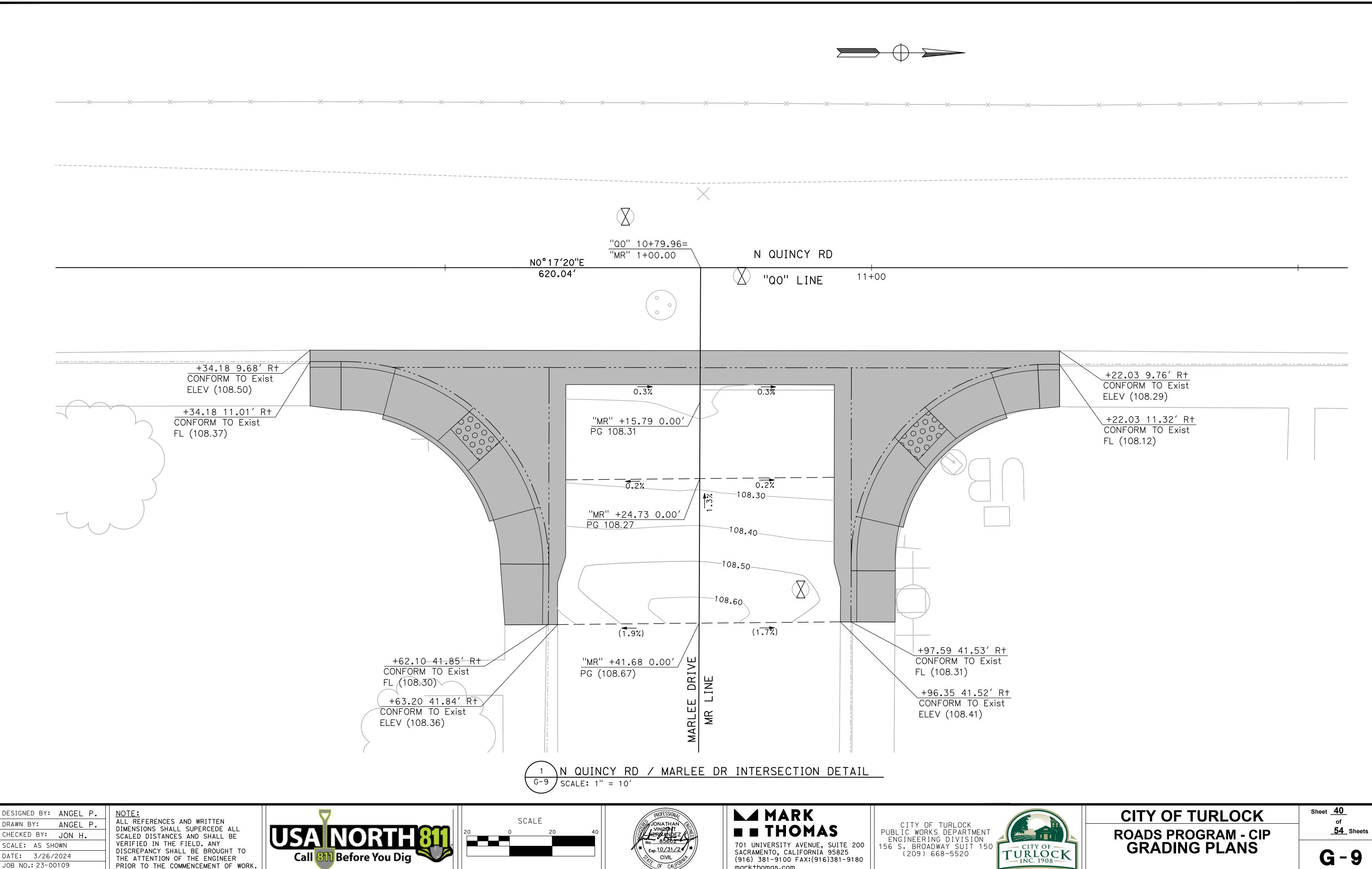
JOB NO.: 23-00109

**54** Sheets

Sheet <u>39</u>

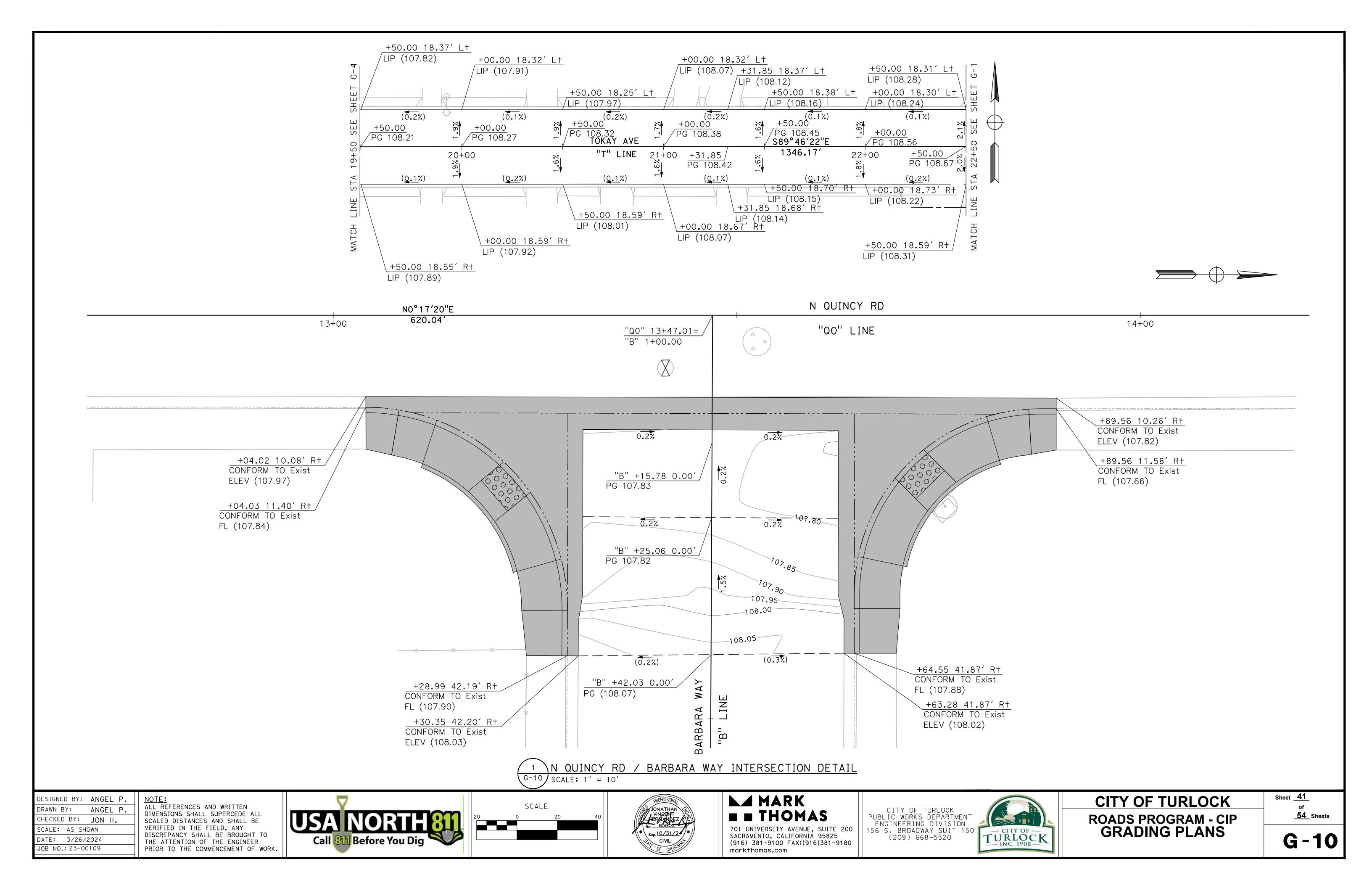
**ROADS PROGRAM - CIP** 

**GRADING PLANS** 



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PRIOR TO THE COMMENCEMENT OF WORK.



#### TRAFFIC CONTROL GENERAL NOTES:

- 1. VALIDATION: THE TRAFFIC CONTROL PLAN IS NOT VALID UNTIL WORK DATES ARE APPROVED. THE CONTRACTOR SHALL, PER SECTION 601-2 OF THE CITY SUPPLEMENT TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CONTACT THE PUBLIC WORKS TRAFFIC CONTROL SECTION AT (209) 668-5590 TO OBTAIN A PERMIT. THE CONTRACTOR MUST SUBMIT A COMPLETED TRAFFIC CONTROL PERMIT FORM A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO STARTING WORK, OR FIVE (5) WORKING DAYS WHEN WORK WILL AFFECT A TRAFFIC SIGNAL.
- 2. STANDARDS: THIS TRAFFIC CONTROL PLAN SHALL CONFORM TO EACH OF THE FOLLOWING MANUALS:

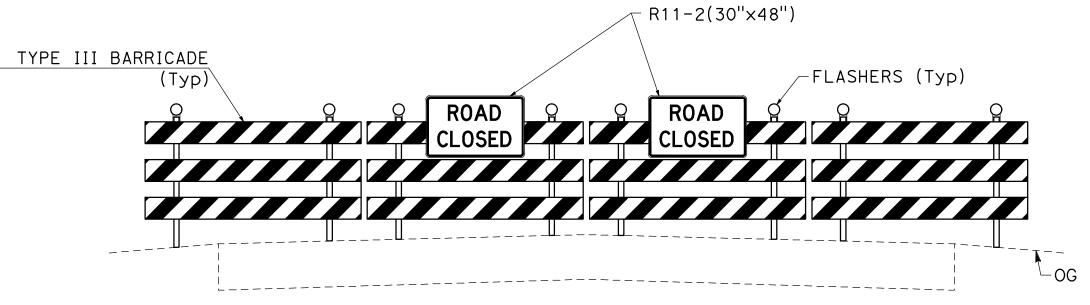
DESCRIPTION

2014 CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD)

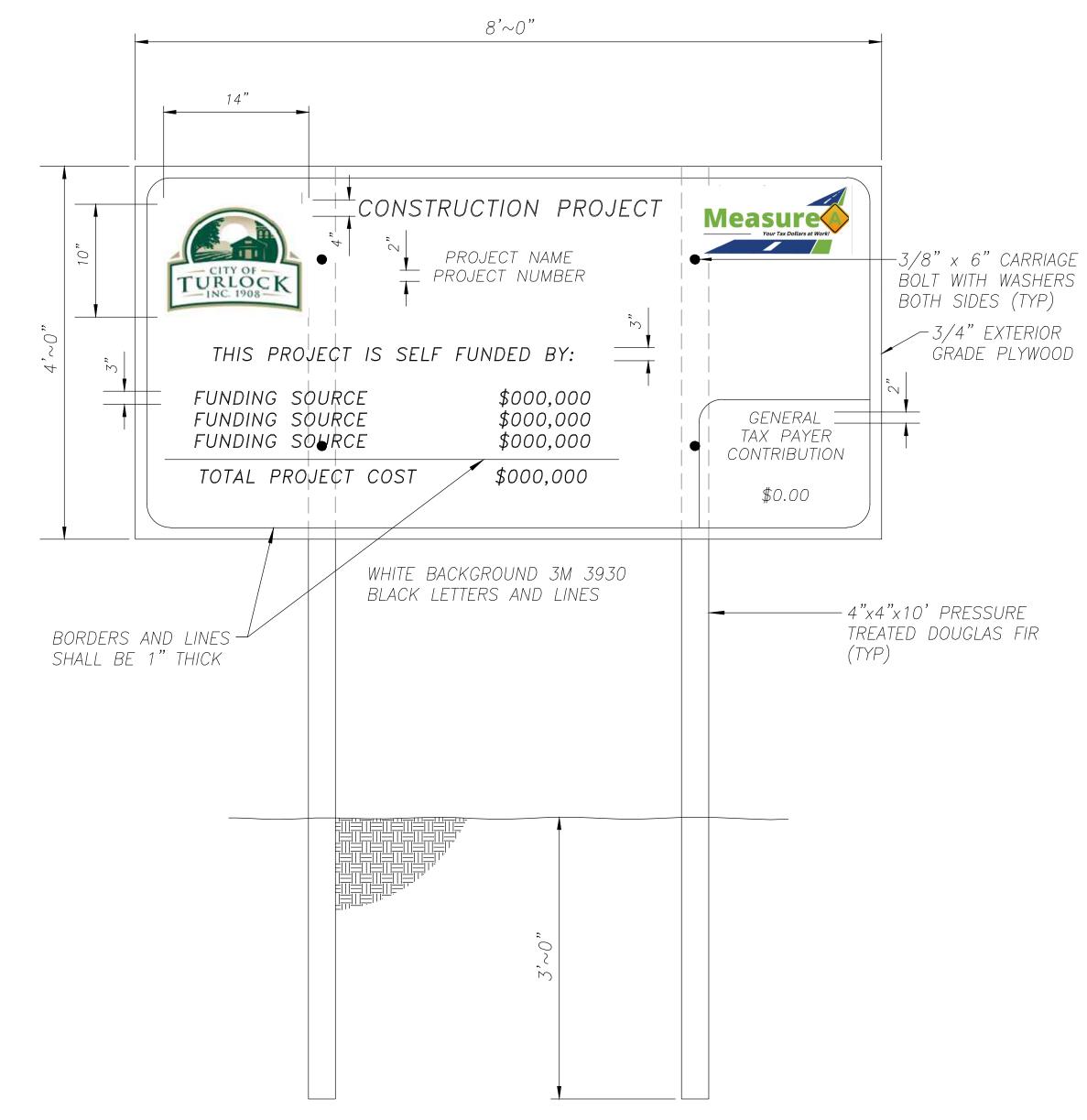
2016 CITY OF TURLOCK STANDARD SPECIFICATIONS AND DRAWINGS

CALTRANS STANDARD PLANS

- 3. NOTIFICATIONS: THE CONTRACTOR SHALL NOTIFY RELEVANT AGENCIES A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO ANY EXCAVATION, CONSTRUCTION, OR TRAFFIC CONTROL.
- 4. THE CONTRACTOR SHALL NOTIFY PROPERTY OWNERS AND TENANTS A MINIMUM OF SEVEN (7) WORKING DAYS PRIOR TO CLOSURE OF DRIVEWAYS. THE CONTRACTOR SHALL POST SIGNS NOTIFYING THE PUBLIC A MINIMUM OF SEVEN (7) WORKING DAYS PRIOR TO CLOSURE OF STREETS.
- 5. POSTING PARKING RESTRICTIONS: THE CONTRACTOR SHALL POST "TOW-AWAY/NO PARKING SIGNS SEVENTY TWO (72) HOURS IN ADVANCE OF PARKING REMOVAL. SIGNS SHALL INDICATE SPECIFIC DAYS, DATES, AND TIMES OF RESTRICTIONS.
- 6. EXCAVATIONS: EXCEPT AS OTHERWISE SHOWN ON THE PLANS, TRENCHES SHALL BE BACKFILLED OR TRENCH-PLATED AT THE END OF EACH WORK DAY, AN ASPHALT RAMP SHALL BE PLACED AROUND EACH TRENCH PLATE TO PREVENT THE PLATE FROM BEING DISLODGED. CONTRACTOR SHALL MONITOR TRENCH PLATES DURING NON-WORKING HOURS TO ENSURE THAT THEY DO NOT BECOME DISLODGED, UPON COMPLETION OF EXCAVATION BACKFILL, THE CONTRACTOR SHALL PROVIDE A SATISFACTORY SURFACE FOR TRAFFIC, WHEN CONSTRUCTION OPERATIONS ARE NOT ACTIVELY IN PROGRESS, THE CONTRACTOR SHALL MAINTAIN ALL TRAVEL LANES, BIKE LANES, AND PEDESTRIAN WALKWAYS OPEN TO THE APPROPRIATE TRAFFIC EXCEPT AS OTHERWISE SHOWN ON THE PLANS.
- 7. RESTORATION OF TRAFFIC CONTROL DEVICES: THE CONTRACTOR SHALL REPAIR OR REPLACE TRAFFIC CONTROL DEVICES (INCLUDING TRAFFIC SIGNS, STRIPING, PAVEMENT MARKERS, PAVEMENT MARKINGS, LEGENDS, CURB MARKINGS, LOOP DETECTORS, TRAFFIC SIGNAL EQUIPMENT, ETC.) DAMAGED OR REMOVED AS A RESULT OF OPERATIONS AND NOT DESIGNATED FOR REMOVAL. REPAIRS AND REPLACEMENTS SHALL BE AT LEAST EQUAL TO EXISTING IMPROVEMENT.
- 8. TEMPORARY TRAFFIC SIGNAL DETECTION: THE CONTRACTOR SHALL INSTALL CITY APPROVED TEMPORARY VIDEO OR RADAR DETECTION WHEN EXISTING TRAFFIC SIGNAL DETECTION SYSTEMS ARE DAMAGED, DISABLED, OR BECOME INEFFECTIVE DUE TO CONSTRUCTION FOR A PERIOD OF FIVE (5) OR MORE DAYS. THE CONTRACTOR SHALL COMPLETELY REMOVE ALL TEMPORARY TRAFFIC SIGNAL DETECTION EQUIPMENT AND RESTORE/INSTALL A CITY APPROVED PERMANENT VEHICLE DETECTION SYSTEM UPON COMPLETION OF CONSTRUCTION. ALL INSTALLATION AND REMOVALS ARE SUBJECT TO APPROVAL BY THE CITY ENGINEER.
- 9. CHANGE IN WORK: THE CITY ENGINEER WILL OBSERVE THESE TRAFFIC CONTROL PLANS IN OPERATION AND RESERVE THE RIGHT TO MAKE ANY CHANGES AS FIELD CONDITIONS WARRANT, ANY CHANGES SHALL BE DOCUMENTED AND SUPERCEDE THESE PLANS.
- 10. OPEN TRENCH: THE CONTRACTOR SHALL PLACE "OPEN TRENCH" SIGNS (C27(CA)) ON TYPE BARRICADES WITHIN THE WORK ZONE, AHEAD OF ANY WORK AREA WHICH INCLUDES OPEN TRENCHES IN EXCESS OF THREE (3) INCHES IN DEPTH, PER CA MUTCD SECTION 6F.103 (CA) GUIDELINES.
- 11. FOR WORK NOT COVERED BY THESE TRAFFIC CONTROL PLANS: THE CONTRACTOR SHALL PREPARE TRAFFIC CONTROL WORKING DRAWINGS AND SUBMIT THEM TO THE CITY RESIDENT ENGINEER. THE CONTRACTOR SHALL ALLOW A MINIMUM OF TWENTY (20) WORKING DAYS FOR REVIEW OF THE WORKING DRAWINGS. UPON APPROVAL OF THE TRAFFIC CONTROL PLAN, THE PUBLIC WORKS TRAFFIC CONTROL SECTION WILL ISSUE A TRAFFIC CONTROL PLAN (TCP) PERMIT FOR THIS WORK.
- 12. CONTRACTOR SHALL INSTALL UNEVEN PAVEMENT SIGNS C46 (CA) ALONG THE EDGE OF AREAS WHERE A STEP OF GREATER THAN 2" EXISTS WHETHER PARALLEL OR PERPENDICULAR TO THE DIRECTION OF TRAVEL.
- 13. CONTRACTOR HAS THE OPTION TO WORK AT MULTIPLE LOCATIONS CONCURRENTLY. ADJACENT BLOCKS SHALL NOT BE REDUCED TO ONE-WAY TRAFFIC
- 14.SEE TABLE 6H-3 IN THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD) FOR MEANING OF LETTER CODES ON TYPICAL APPLICATION DIAGRAMS.
- 15. CONTRACTOR SHALL DEPLOY FOUR (4) PORTABLE CHANGEABLE MESSAGE SYSTEMS (PCMS) THROUGHOUT CONSTRUCTION, WITH FINAL PLACEMENT TO BE DETERMINED BY ENGINEER.



# TEMPORARY BARRICADE ROAD CLOSURE DETAIL



CONSTRUCTION FUNDING SIGN

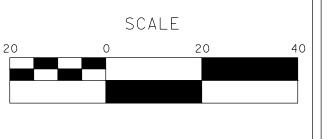
DESIGNED BY: ANGEL P. DRAWN BY: ANGEL P. CHECKED BY: JON H. SCALE: AS SHOWN

DATE: 3/26/2024

OB NO.: 23-00109

ALL REFERENCES AND WRITTEN DIMENSIONS SHALL SUPERCEDE ALL SCALED DISTANCES AND SHALL BE VERIFIED IN THE FIELD. ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.









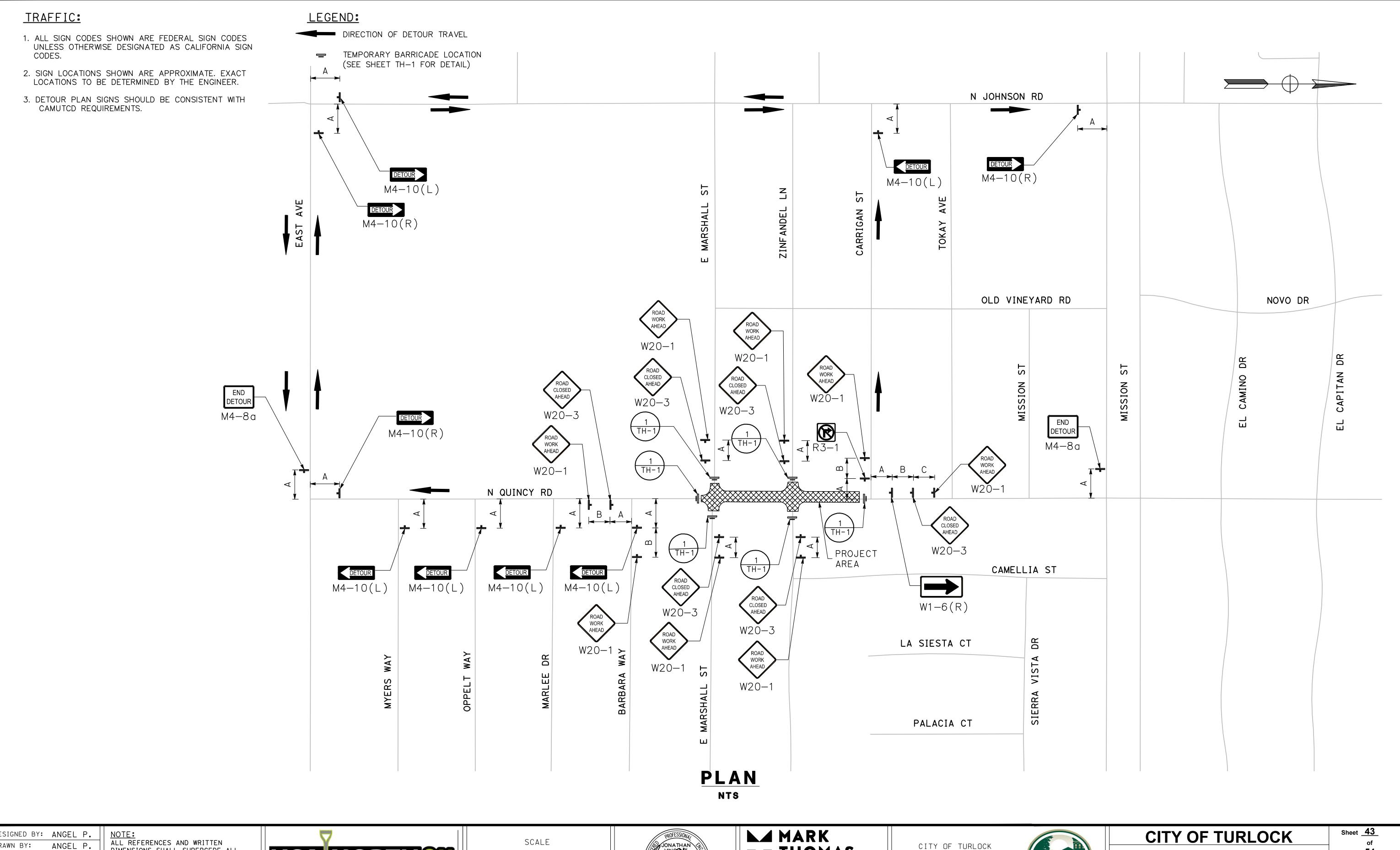
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# TURLOCK

CITY OF TURLOCK **ROADS PROGRAM - CIP** TRAFFIC HANDLING PLANS Sheet <u>42</u> 54 Sheets

TH-1



DESIGNED BY: ANGEL P. DRAWN BY: CHECKED BY: JON H. SCALE: AS SHOWN DATE: 3/26/2024

JOB NO.: 23-00109

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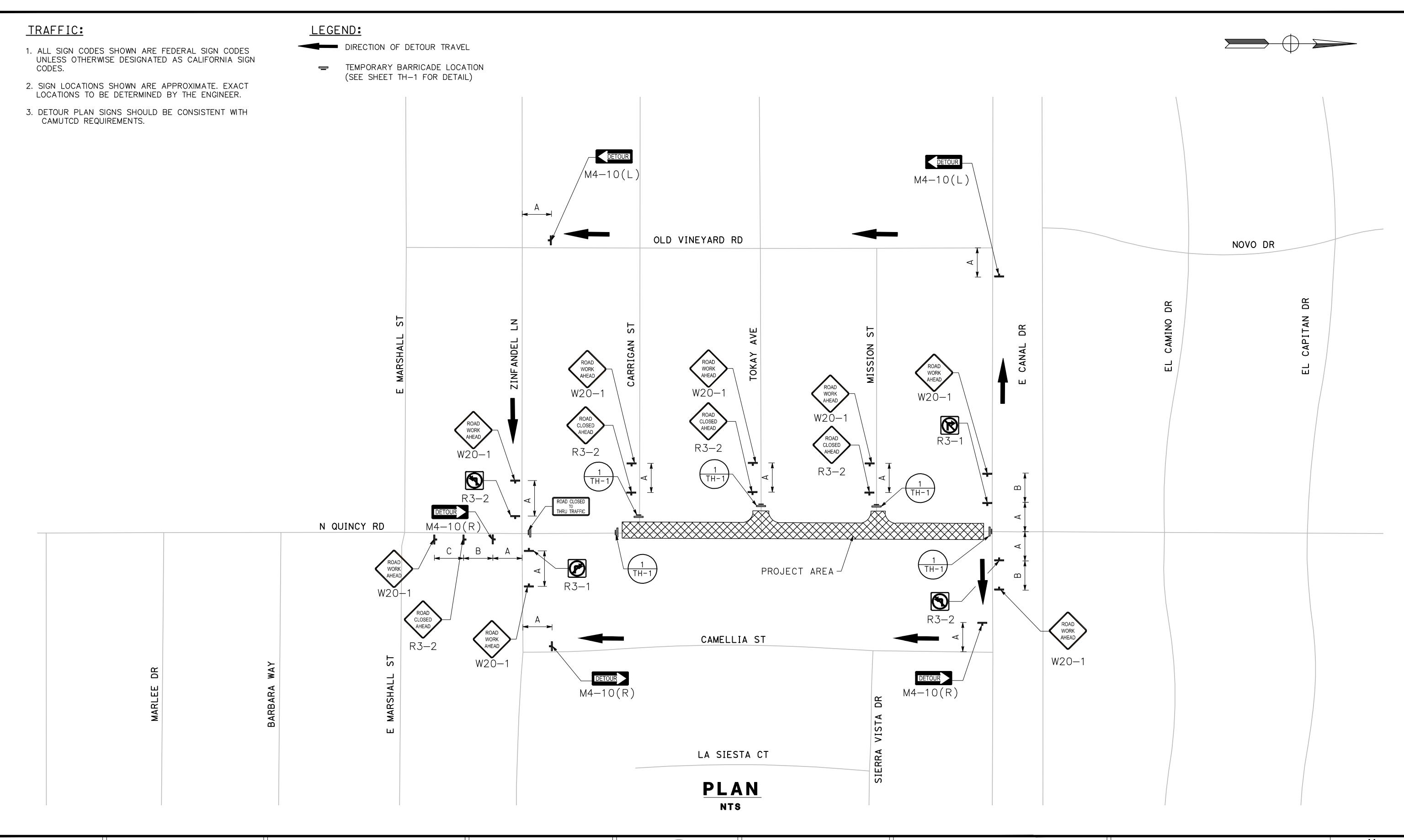
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**ROADS PROGRAM - CIP** TRAFFIC HANDLING PLANS \_**54**\_ Sheets

**TH-2** 



DESIGNED BY: ANGEL P.

DRAWN BY: ANGEL P.

CHECKED BY: JON H.

SCALE: AS SHOWN

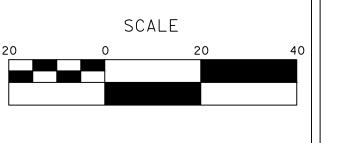
DATE: 3/26/2024

JOB NO.: 23-00109

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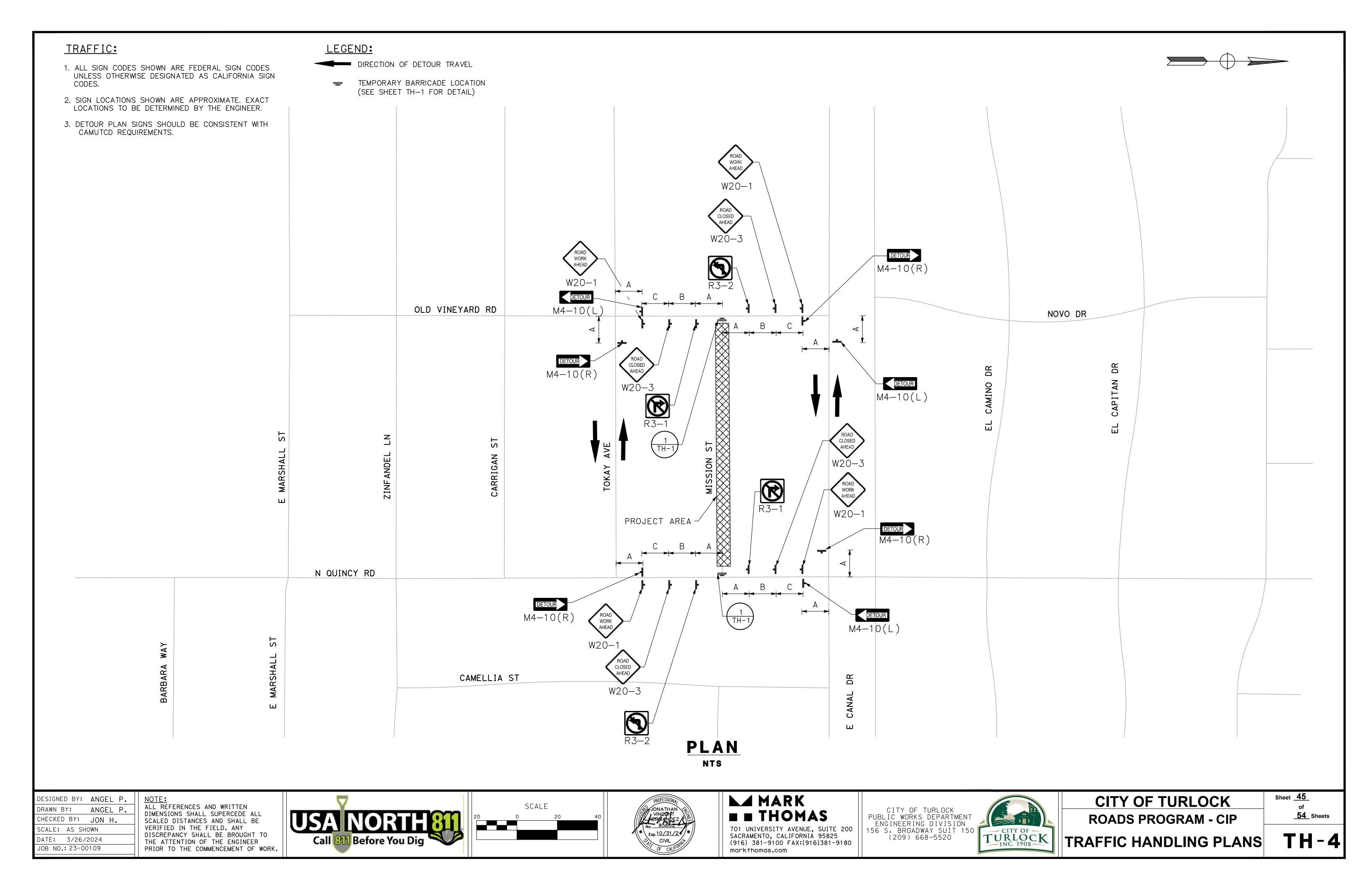
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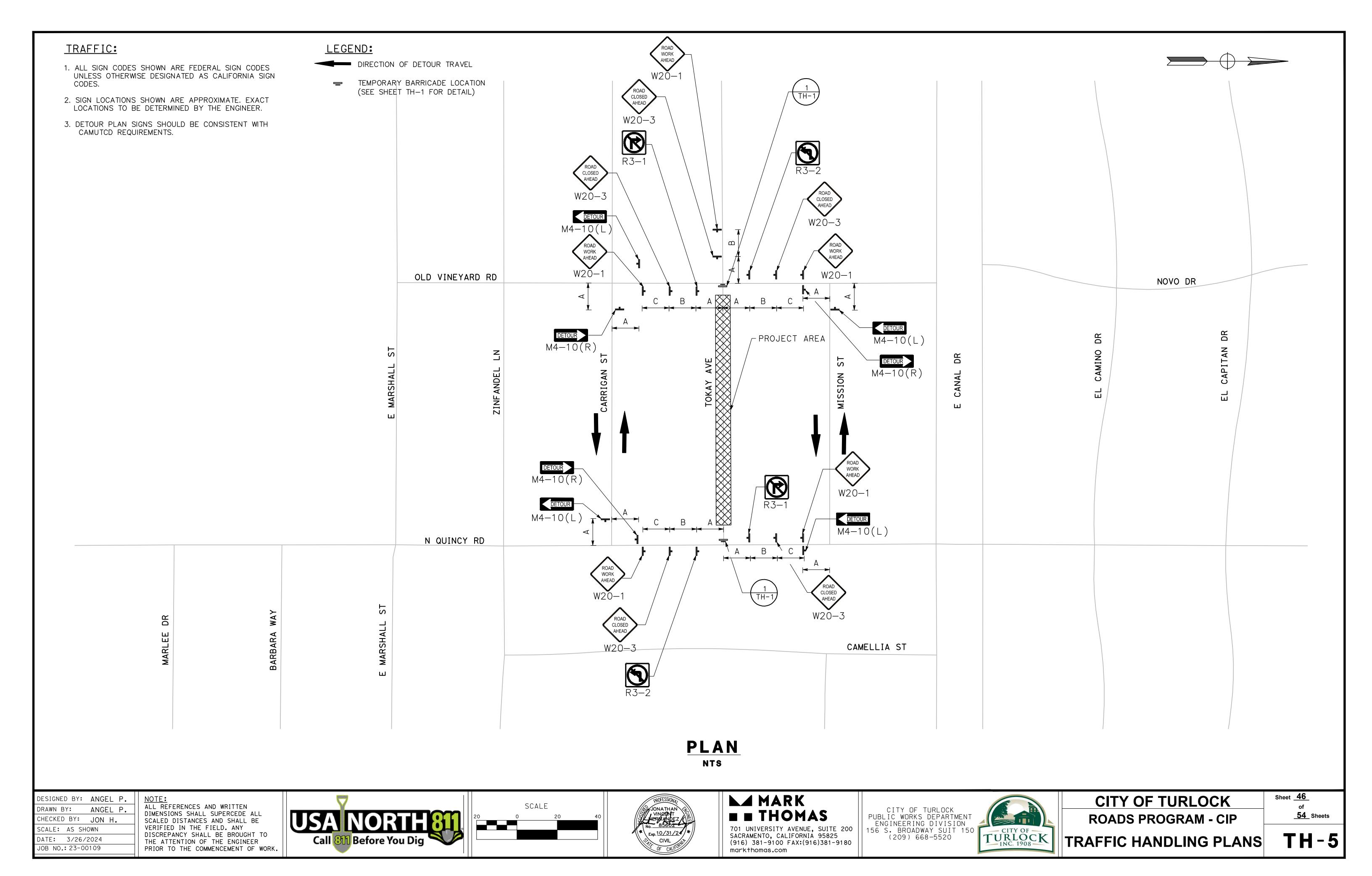


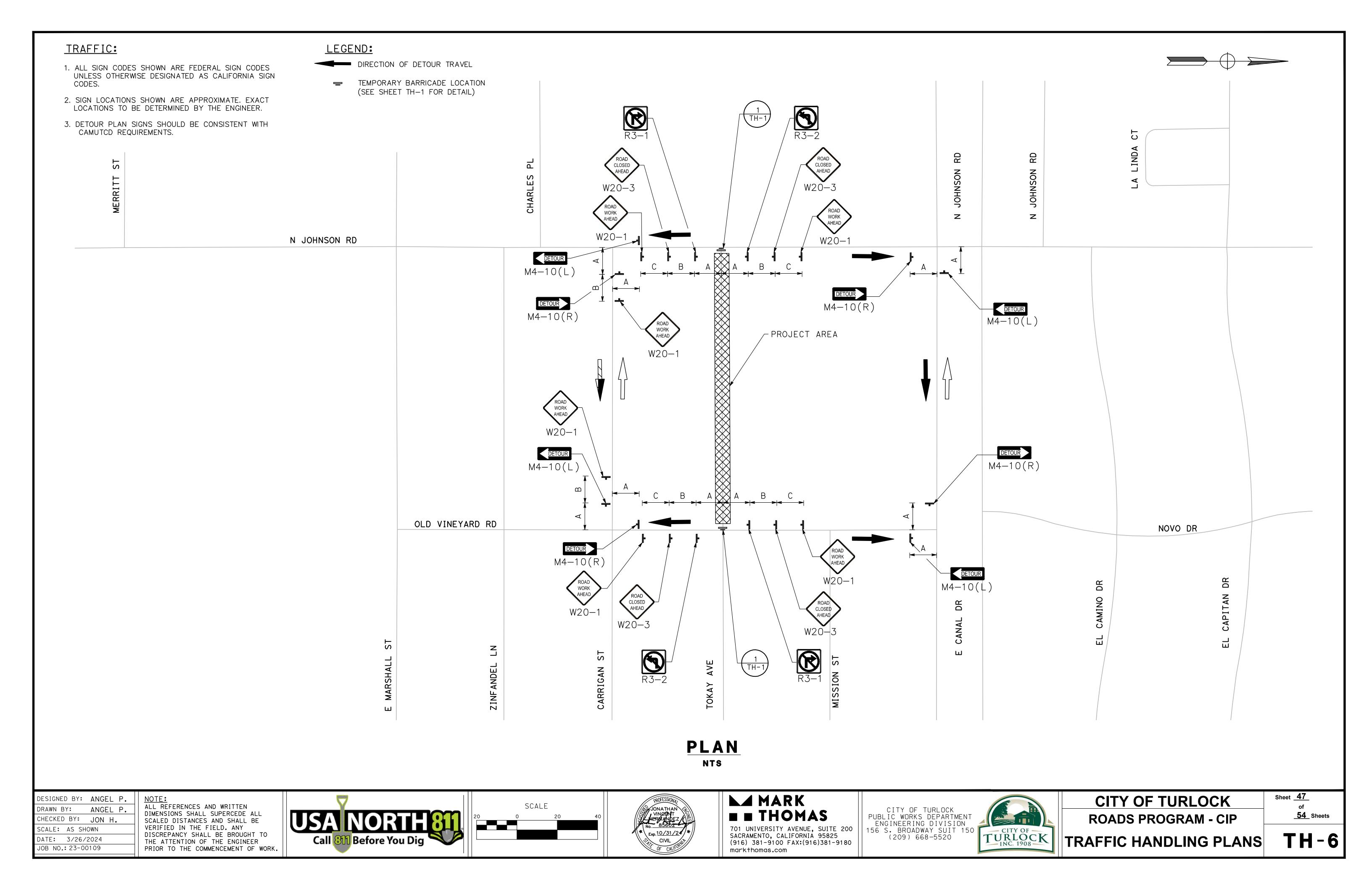
CITY OF TURLOCK
ROADS PROGRAM - CIP
TRAFFIC HANDLING PLANS

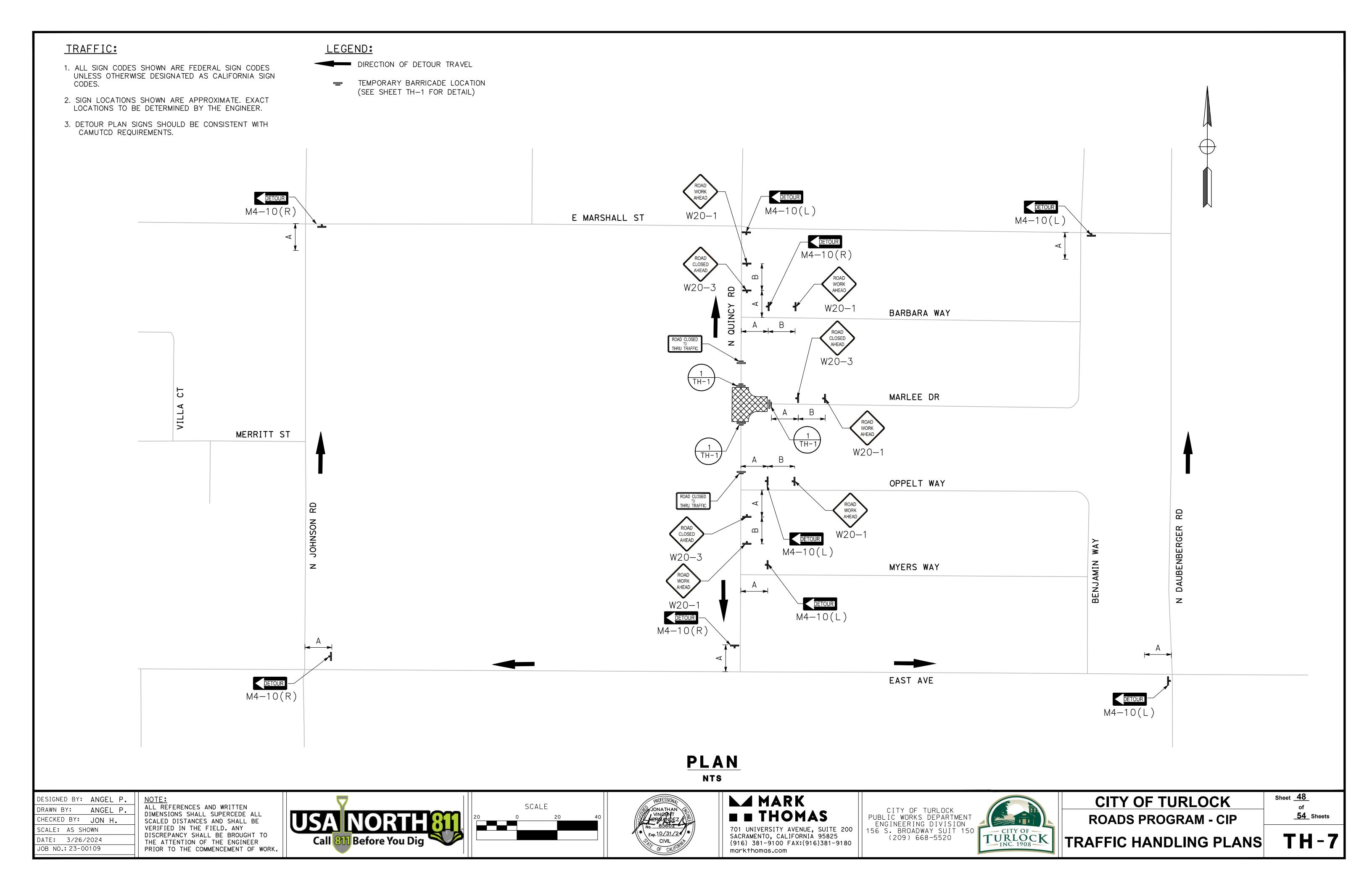
Sheet <u>44</u> of <u>54</u> Sheets

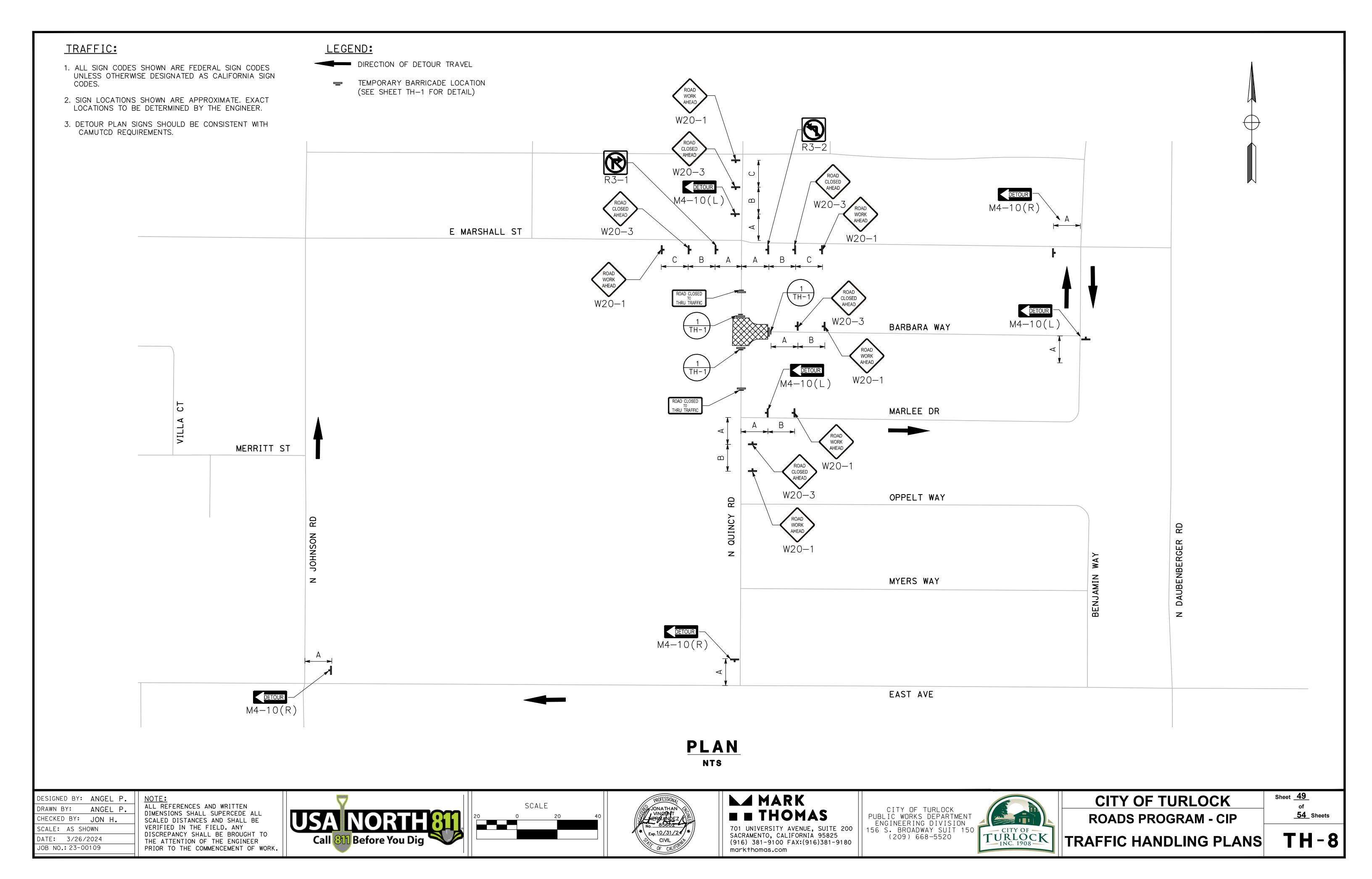
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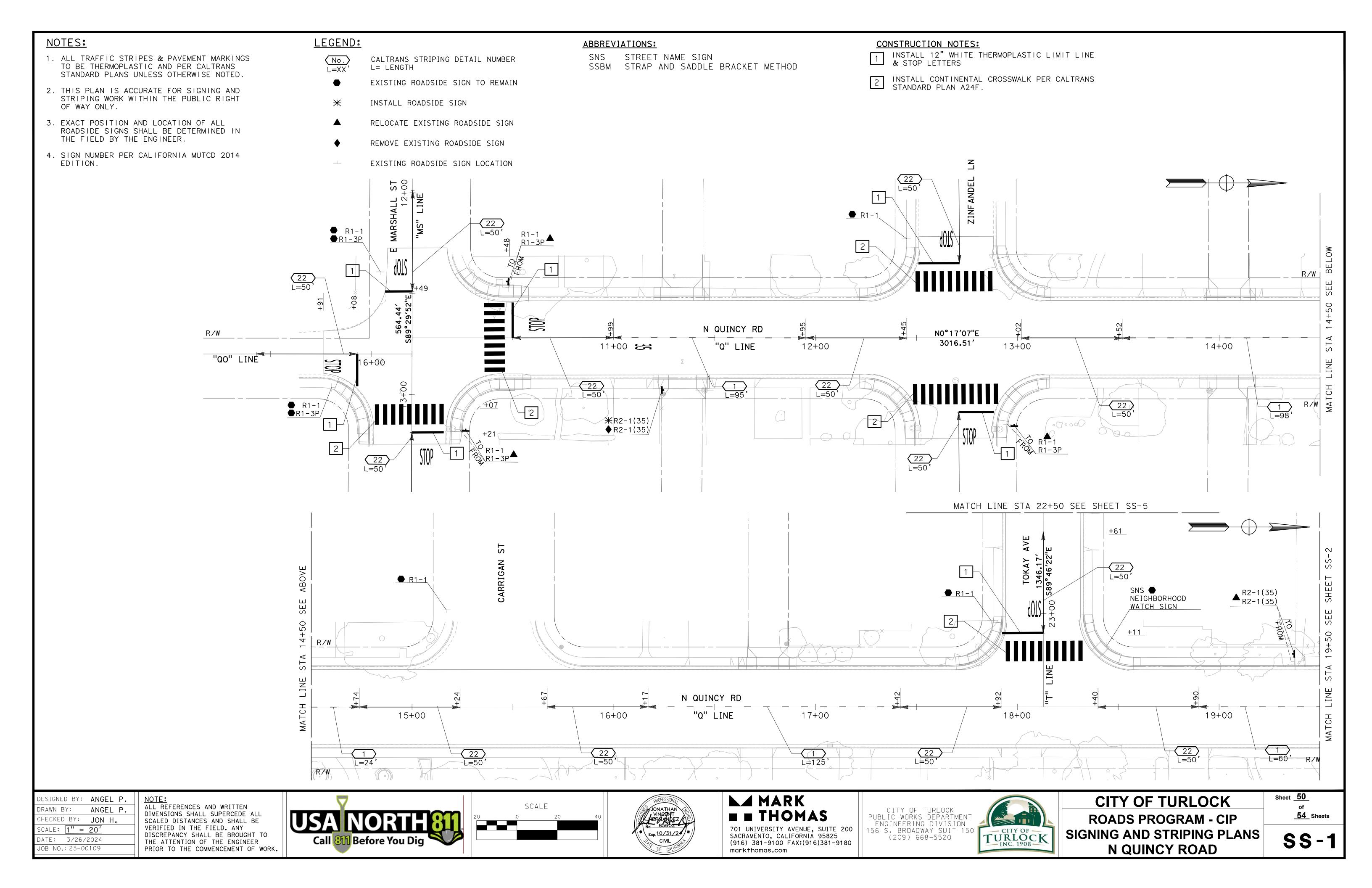






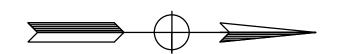


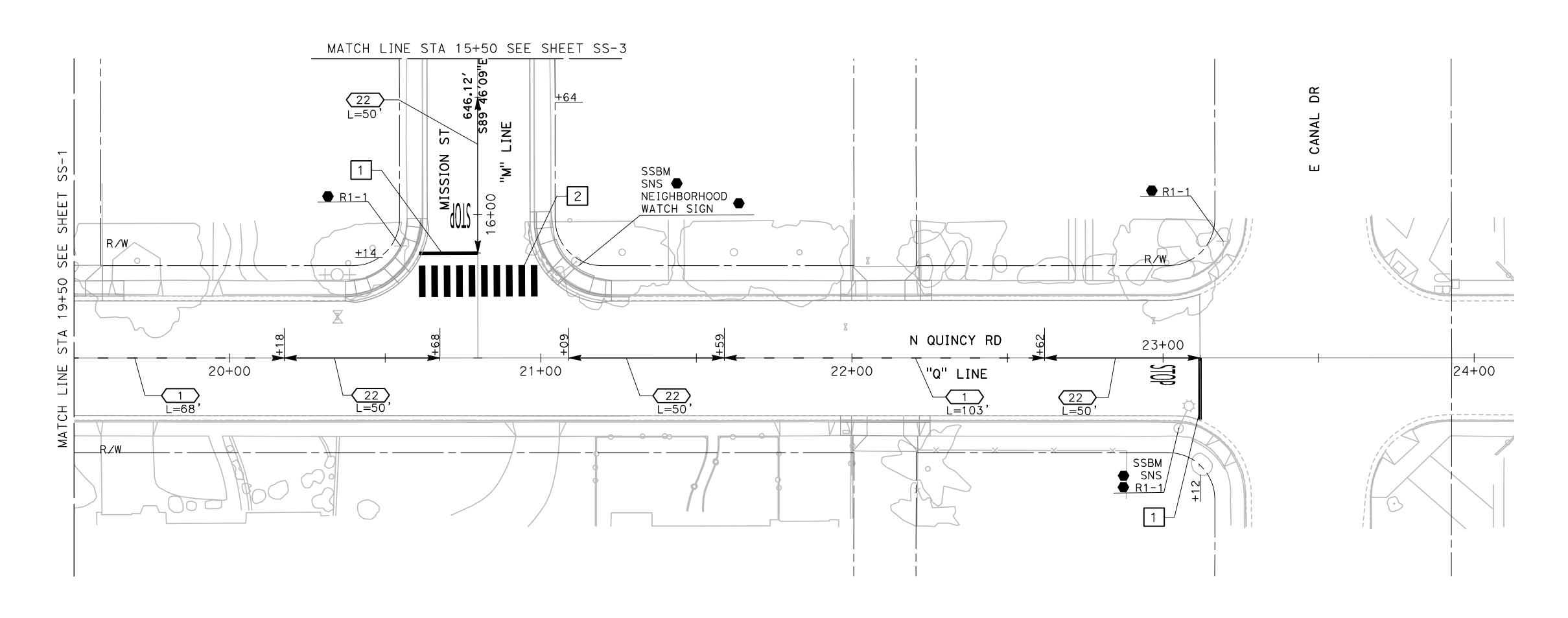




#### NOTE:

SEE LEGEND, ABBREVIATIONS, AND NOTES ON SHEET SS-1





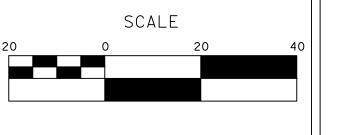
| DESIGNED BY: | ANGEL P. |
|--------------|----------|
| DRAWN BY:    | ANGEL P. |
| CHECKED BY:  | JON H.   |
| SCALE: 1" =  | 20′      |

DATE: 3/26/2024 JOB NO.: 23-00109

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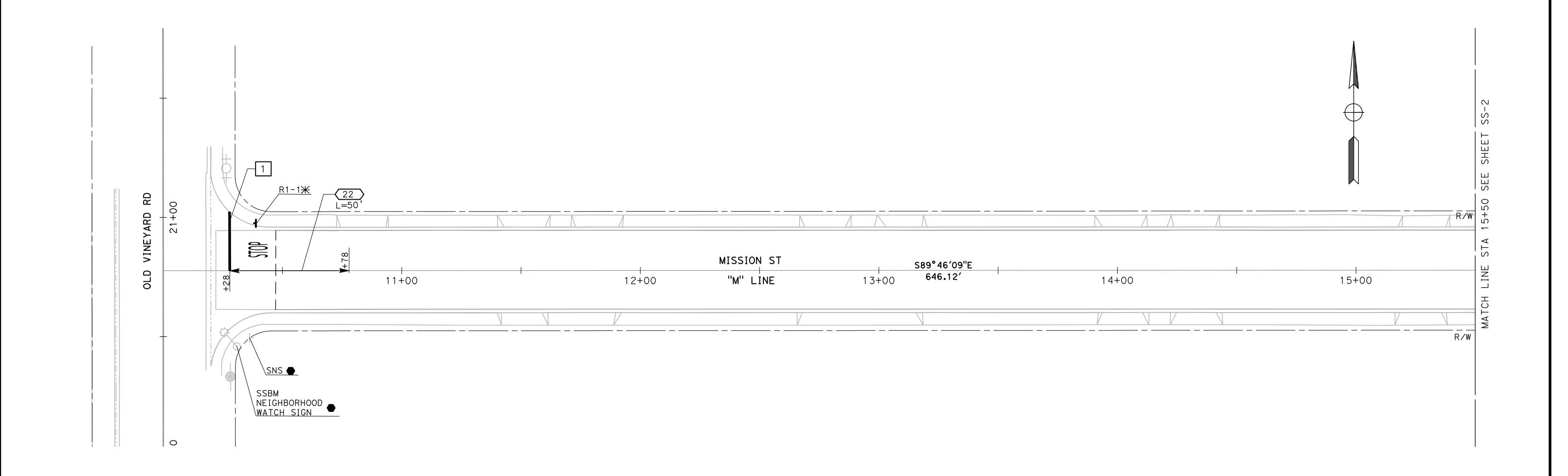
**CITY OF TURLOCK ROADS PROGRAM - CIP** SIGNING AND STRIPING PLANS N QUINCY ROAD

Sheet <u>51</u> of **54** Sheets

**SS-2** 

## NOTE:

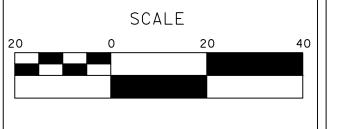
SEE LEGEND, ABBREVIATIONS, AND NOTES ON SHEET SS-1



| DESIGNED BY: | ANGEL P. |
|--------------|----------|
| DRAWN BY:    | ANGEL P. |
| CHECKED BY:  | JON H.   |
| SCALE: 1" =  | 20′      |
| DATE: 3/26/  | 2024     |

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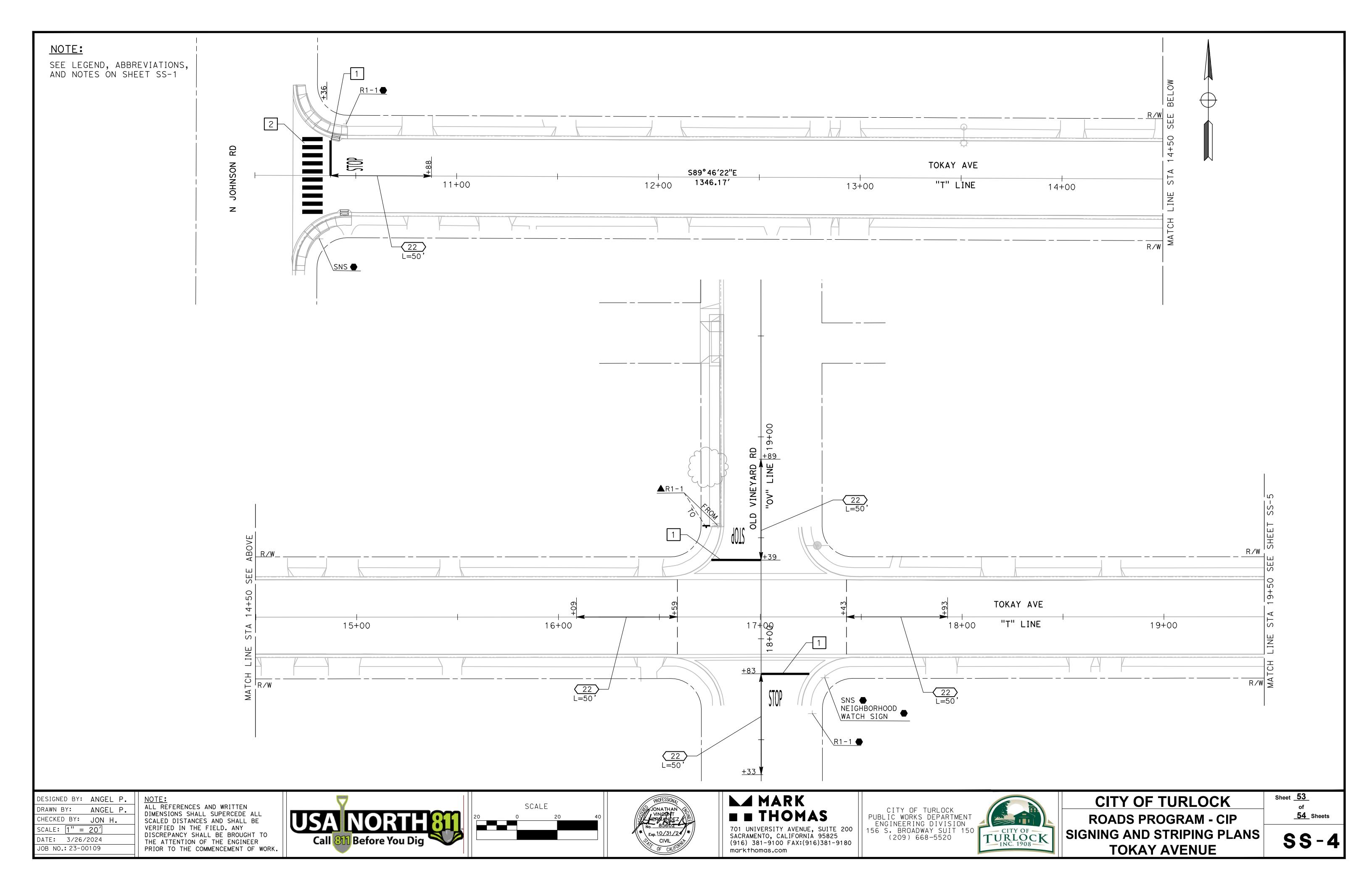
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|       | CITY OF TURLOCK            |
|-------|----------------------------|
|       | ROADS PROGRAM - CIP        |
| DF CK | SIGNING AND STRIPING PLANS |
| 08    | MISSION STREET             |

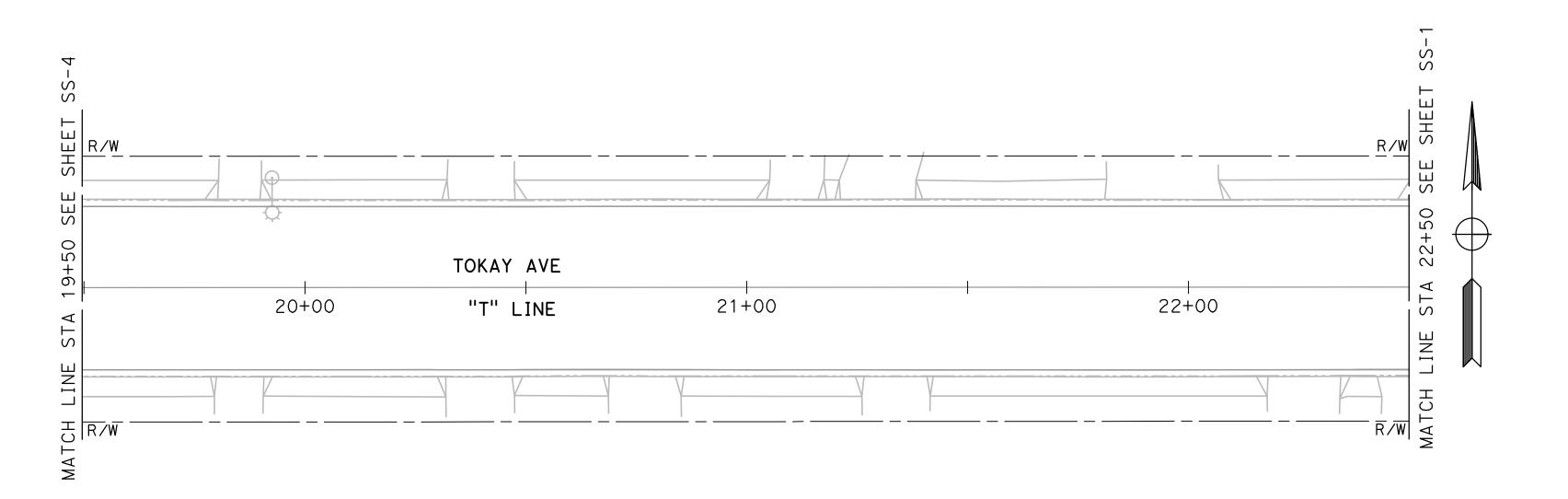
Sheet <u>**52**</u> of \_**54**\_ Sheets

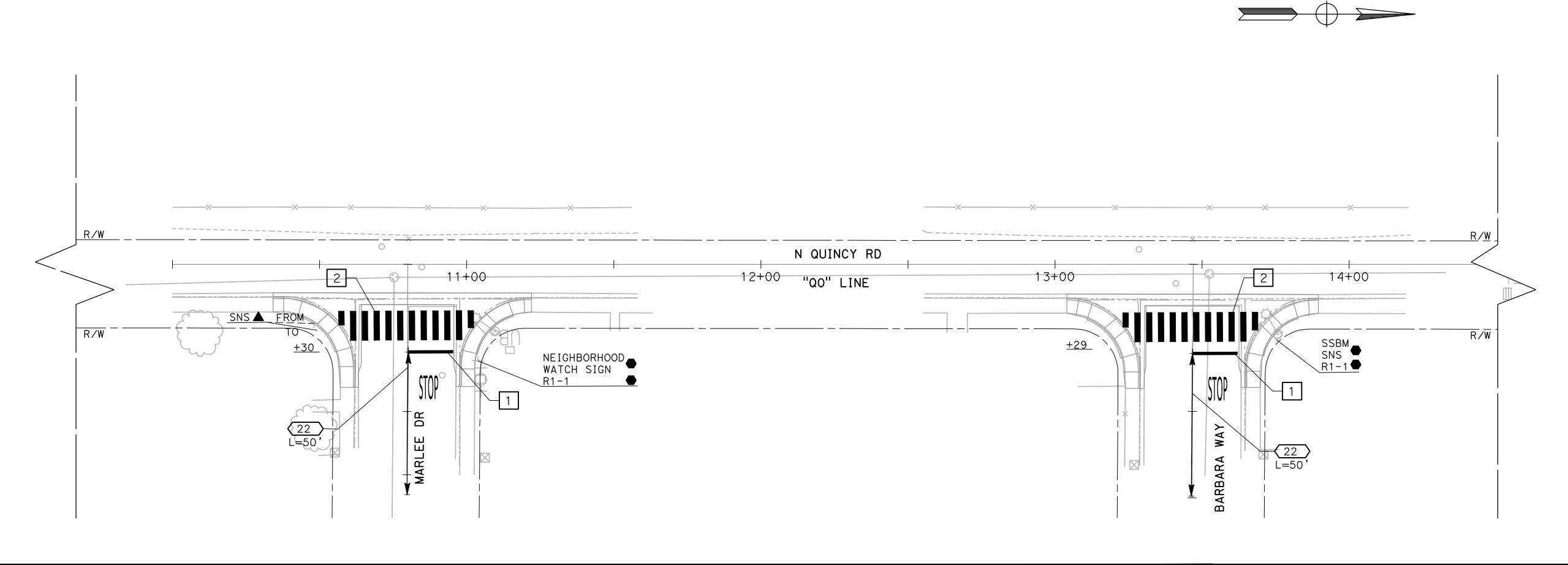
**SS-3** 



### NOTE:

SEE LEGEND, ABBREVIATIONS, AND NOTES ON SHEET SS-1





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CHECKED BY: JON H.

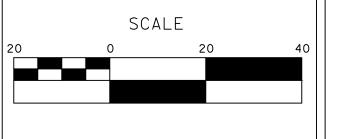
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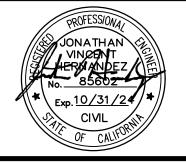
DATE: 3/26/2024

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CITY OF TURLOCK

ROADS PROGRAM - CIP
SIGNING AND STRIPING PLANS
TOKAY AVENUE

Sheet <u>54</u> of <u>54</u> Sheets

**SS-5**