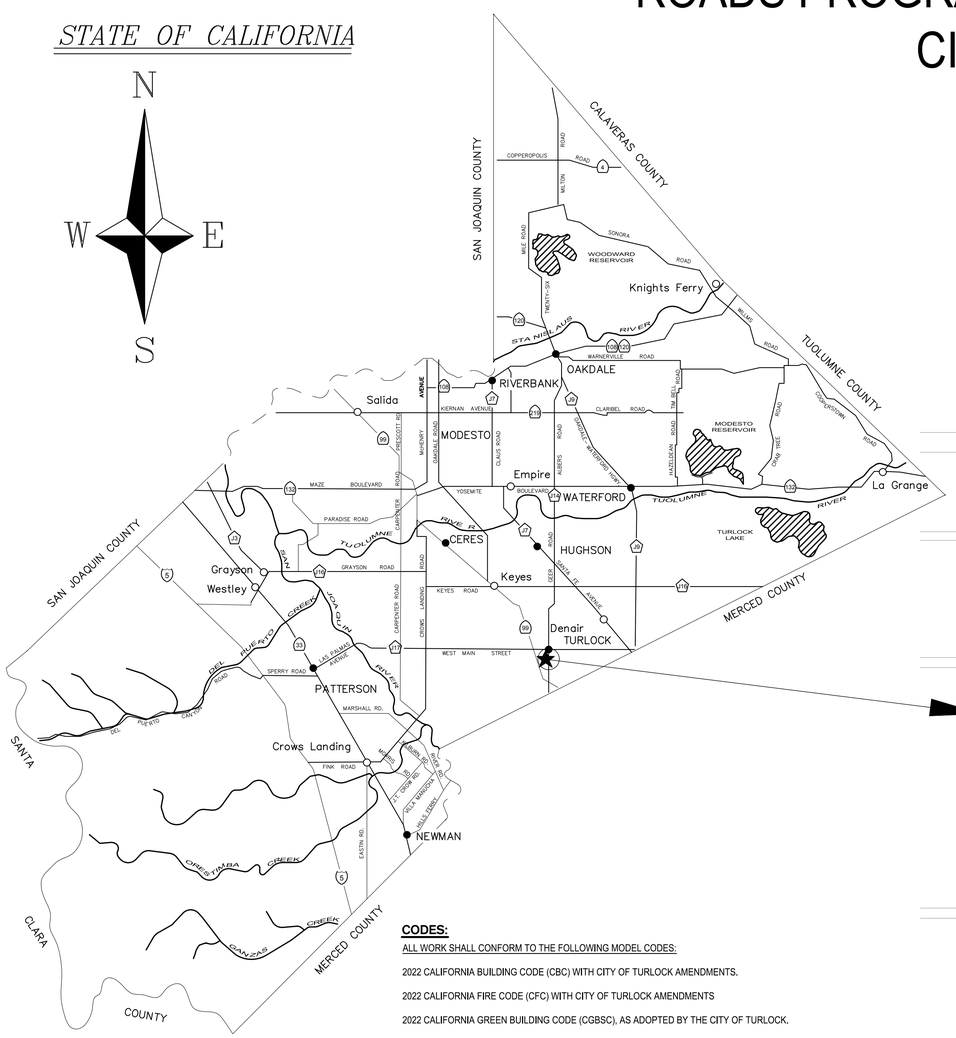

STATE OF CALIFORNIA




# CITY OF TURLOCK

## CONSTRUCTION PLANS FOR
## ROADS PROGRAM CAPITAL IMPROVEMENT PROJECT
## CITY PROJECT NO. 23-033

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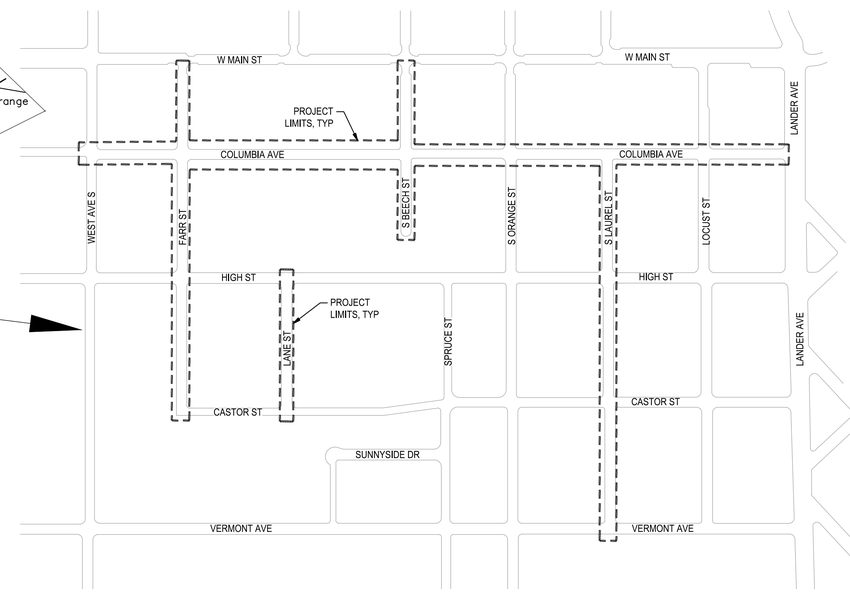


PROJECT LOCATION MAP

**SHEET INDEX**



**CONTACTS**

CITY OF TURLOCK PUBLIC WORKS DEPARTMENT
(209) 668-5520, ENGINEERING@TURLOCK.CA.US

CITY OF TURLOCK ELECTRICAL
(209) 678-5823 DOYLE PERRY, DPERRY@TURLOCK.CA.US

CITY OF TURLOCK STORM AND SEWER
(209) 345-2169 CARLOS GUERRERO, CGUERRERO@TURLOCK.CA.US

CITY OF TURLOCK WATER
(209) 740-3868 ORLANDO GUTIERREZ, OGUTIERREZ@TURLOCK.CA.US

TURLOCK IRRIGATION DISTRICT (ELECTRICAL)
605-0945 DAVID PORATH, DNPORATH@TID.ORG

TURLOCK IRRIGATION DISTRICT (IRRIGATION)
535-1882 TODD TROGLIN, TRTROGLIN@TID.ORG

CHARTER COMMUNICATIONS
(209) 633-3303 ABRAHAM ZAMORA, ABRAHAM.ZAMORA@CHARTER.COM

PACIFIC GAS & ELECTRIC (GAS)
(209) 561-6070 TRENT MILLSAP, TWMB@PGE.COM

AT&T
(209) 507-1689 JIM JELLY, JJ2163@ATT.COM

FIRE DEPARTMENT (NON-EMERGENCY)
(209) 668-5580

POLICE DEPARTMENT (NON-EMERGENCY)
(209) 668-1200

AMBULANCE
(209) 632-2271

TURLOCK SCAVENGER
(209) 668-7274

**CODES:**

ALL WORK SHALL CONFORM TO THE FOLLOWING MODEL CODES:

2022 CALIFORNIA BUILDING CODE (CBC) WITH CITY OF TURLOCK AMENDMENTS.

2022 CALIFORNIA FIRE CODE (CFC) WITH CITY OF TURLOCK AMENDMENTS

2022 CALIFORNIA GREEN BUILDING CODE (CGBSC), AS ADOPTED BY THE CITY OF TURLOCK.

2022 CALIFORNIA BUILDING CODE CHAPTER 11B: ACCESSIBILITY TO PUBLIC BUILDINGS, PUBLIC ACCOMMODATIONS, COMMERCIAL BUILDINGS AND PUBLIC HOUSING

NOTE: THE CITY OF TURLOCK BUILDING DIVISION ENFORCES CBC CHAPTERS 11A AND 11B FOR DISABLED ACCESS COMPLIANCE.

**CIVIL IMPROVEMENTS LIMITS**

THE CITY OF TURLOCK'S ROADS PROGRAM IMPROVEMENTS PROJECT WILL IMPROVE THE EXISTING ROADWAY AT COLUMBIA STREET FROM WEST AVENUE SOUTH TO LANDER AVENUE, AT FARR STREET FROM WEST MAIN STREET TO CASTOR STREET, AT LANE STREET FROM HIGH STREET TO CASTOR STREET, AT SOUTH BEECH STREET AT THE WEST MAIN STREET, AND AT SOUTH LAUREL STREET FROM COLUMBIA STREET TO VERMONT AVENUE IN THE CITY OF TURLOCK, CALIFORNIA.

**GOVERNING CODES AND ADOPTED STANDARDS**

ALL MATERIALS, WORKMANSHIP, AND CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT CITY OF TURLOCK STANDARD SPECIFICATIONS AND DRAWINGS; THE LATEST EDITION OF THE AMERICANS WITH DISABILITIES ACT 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 CITY ENGINEER.

**CITY OF TURLOCK APPROVAL**

4/8/2024
DATE

WILLIAM D. MORRIS, P.E., P.L.S
CITY ENGINEER
PUBLIC WORKS DEPARTMENT

811 Know what's below. Call before you dig.

NOTE:
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

REGISTERED PROFESSIONAL ENGINEER
ADAM K. MERRILL
No. 76826
Exp. 12/31/24
CIVIL
STATE OF CALIFORNIA

DATE SIGNED: 04/02/24

SIEGFRIED
3428 Brookside Road
Stockton ,California 95219
209-943-2021
www.siegfriedeng.com
CIVIL ■ STRUCTURAL ■ LANDSCAPE ARCHITECTURE ■ SURVEYING ■ PLANNING ■ ATHLETIC FACILITY DESIGN

CITY OF TURLOCK INC. 1908

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

COVER SHEET

CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

VERIFY SCALE
0 1"

| | |
|---|---|
| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 01 |
| CH. BY: AKM | |
| DATE: 4/2/2024 | |
| SCALE: SEE SHEET | SHEET: |
| SEI PROJ NO: 22157 | 01 OF 49 |

FILE: F:\22projects\22157 City of Turlock Road CIP\Plans and Graphics\Improvement Plans\22157 C-01 COVER SHEET.dwg

DATE & TIME PLOTTED: 4/02/24 3:14 PM

## GENERAL NOTES

1. ALL IMPROVEMENTS SHALL BE CONSTRUCTED IN STRICT ACCORDANCE WITH CITY OF TURLOCK STANDARD SPECIFICATIONS AND PLANS, LATEST EDITION, AND ALL AMENDMENTS THERE TO-DATE. ALL CITY OF TURLOCK STANDARD DETAILS REFER TO CITY OF TURLOCK ENGINEERING DIVISION STANDARD SPECIFICATIONS AND DETAILS 2016 UNLESS OTHERWISE NOTED

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING FROM DAMAGE ALL EXISTING IMPROVEMENTS THAT ARE TO REMAIN. SUCH IMPROVEMENTS THAT ARE DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT HIS EXPENSE AND APPROVED BY THE CITY ENGINEER.

3. EXCAVATION OF 5 FEET OR MORE IN DEPTH WILL REQUIRE AN EXCAVATION PERMIT FROM THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL SAFETY.

4. THE CONTRACTOR SHALL DEMOLISH, EXCAVATE, REMOVE AND DISPOSE OF ALL EXISTING CONCRETE CURB, GUTTER OR SIDEWALK, ASPHALT CONCRETE PAVING, AND DELETERIOUS MATERIAL AS REQUIRED TO CONSTRUCT THE CONTRACT WORK. ALL SUCH EXCESS MATERIAL GENERATED SHALL BE DISPOSED OF FROM THE SITE BY THE CONTRACTOR. SITE PREPARATION SHALL INCLUDE STRIPPING AND REMOVAL OF ALL VEGETATION AND ANY DEBRIS FROM THE CONSTRUCTION AREAS. THE DEPTH OF STRIPPING ONSITE SHALL BE EVALUATED BY THE OWNER'S SOILS ENGINEER.

5. THE CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT FOR ANY WORK DONE WITHIN THE CITY OF TURLOCK RIGHT-OF-WAY FROM THE CITY PUBLIC WORKS DEPARTMENT AND NOTIFY THE CORRESPONDING AGENCY 48 HOURS IN ADVANCE OF STARTING ANY WORK TO BE ACCEPTED FOR OWNERSHIP AND MAINTENANCE BY CITY OF TURLOCK.

6. EXISTING UTILITIES ARE SHOWN AS THEY ARE BELIEVED TO EXIST. THE OWNER AND THE ENGINEER DO NOT ACCEPT RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO COMMENCING ANY WORK, THE CONTRACTOR SHALL HAVE EACH UTILITY COMPANY ACCURATELY LOCATE IN THE FIELD THEIR MAINS AND SERVICE LINES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT ALL EXISTING UTILITIES. THE CONTRACTOR SHALL NOTIFY MEMBERS OF THE UNDERGROUND SERVICE ALERT (U.S.A.) 48 HOURS IN ADVANCE OF PERFORMING EXCAVATION WORK BY CALLING THE TOLL-FREE NUMBER (800-227-2600).

7. ATTENTION IS CALLED TO: SECTION 1540 (A) (1) OF THE CONSTRUCTION SAFETY ORDERS (TITLE 8 CALIFORNIA ADMINISTRATION CODE SECTION 1540), ISSUED BY THE OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD PURSUANT TO THE CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ACT OF 1973, AS AMENDED, WHICH STATES:

   "PRIOR TO OPENING AN EXCAVATION, EFFORT SHALL BE MADE TO DETERMINE WHETHER UNDERGROUND INSTALLATION I.E., SEWER, WATER, FUEL, ELECTRIC LINES, ETC., WILL BE ENCOUNTERED AND, IF SO, WHERE SUCH UNDERGROUND INSTALLATIONS ARE LOCATED. WHEN THE EXCAVATION APPROACHES THE APPROXIMATE LOCATION OF SUCH AN INSTALLATION, THE EXACT LOCATION SHALL BE DETERMINED BY CAREFUL PROBING OR HAND DIGGING AND WHEN IT IS UNCOVERED, ADEQUATE PROTECTION SHALL BE PROVIDED FOR THE EXISTING INSTALLATION. ALL KNOWN OWNERS OF UNDERGROUND FACILITIES IN THE AREA CONCERNED SHALL BE ADVISED OF PROPOSED WORK AT LEAST 48 HOURS PRIOR TO THE START OF ACTUAL EXCAVATION."

8. WHENEVER EXISTING PAVEMENT IS BROKEN OR CUT DURING THE INSTALLATION OF THE WORK COVERED BY THESE PLANS AND SPECIFICATIONS, THE PAVEMENT SHALL BE REPLACED WITH PAVEMENT MATERIALS EQUAL TO OR BETTER THAN THE MATERIALS USED IN THE ORIGINAL PAVING.

9. PAYMENT FOR PAVEMENT WILL BE MADE FOR THE AREAS SHOWN ON THE PLANS. REPLACEMENT OF PAVEMENT WHICH IS BROKEN OR CUT IN THE INSTALLATION OF THE IMPROVEMENTS COVERED BY THESE PLANS AND SPECIFICATIONS, AND WHICH LIES OUTSIDE OF SAID AREAS, SHALL BE INCLUDED IN THE STREET CONTRACTOR'S UNIT PRICE FOR PAVEMENT, AND NO ADDITIONAL PAYMENT SHALL BE MADE FOR SUCH WORK.

10. THE CONTRACTOR AGREES THAT HE SHALL 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 AND THE ENGINEER 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 THE ENGINEER.

11. THE CONTRACTOR SHALL OBTAIN A PERMIT FROM CITY OF TURLOCK FOR USE OF WATER FROM FIRE HYDRANTS FOR CONSTRUCTION PURPOSES. THE PERMIT SHALL BE APPROVED BY CITY OF TURLOCK FIRE DEPARTMENT.

12. THE CONTRACTOR SHALL FURNISH, INSTALL OPERATE AND MAINTAIN ALL MACHINERY, APPLIANCES AND EQUIPMENT TO MAINTAIN ALL EXCAVATIONS FREE FROM WATER DURING CONSTRUCTION, AND SHALL DEWATER AND DISPOSE OF THE WATER SO AS TO NOT CAUSE INJURY TO PUBLIC OR PRIVATE PROPERTY, OR TO CAUSE A NUISANCE OR MENACE TO THE PUBLIC. THE DEWATERING SYSTEM SHALL BE INSTALLED AND OPERATED SO THE GROUNDWATER LEVEL OUTSIDE THE EXCAVATION IS NOT REDUCED TO THE EXTENT WHICH WOULD CAUSE DAMAGE OR ENDANGER ADJACENT STRUCTURES OR PROPERTY. ALL COSTS FOR DEWATERING SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ALL PIPE CONSTRUCTION. THE STATIC WATER LEVEL SHALL BE DRAWN DOWN A MINIMUM OF 1 FOOT BELOW THE BOTTOM OF EXCAVATION OF ANY FILL TO THE SPECIFIED DENSITY. DISPOSAL OF WATER SHALL BE IN ACCORDANCE WITH THE APPROVED SWPPP AND SHALL NOT DAMAGE PROPERTY, CREATE A PUBLIC NUISANCE OR VIOLATE THE LAW. THE CONTRACTOR SHALL HAVE ON HAND, PUMPING EQUIPMENT AND MACHINERY IN GOOD WORKING CONDITION FOR EMERGENCIES AND SHALL HAVE WORKMEN AVAILABLE FOR ITS OPERATION. THE DEWATERING SYSTEM SHALL OPERATE CONTINUOUSLY UNTIL BACK-FILL HAS BEEN COMPLETED TO 1 FOOT ABOVE THE NORMAL STATIC GROUNDWATER LEVEL.

13. ANY VOIDS LEFT BY THE REMOVAL OF UNDERGROUND UTILITIES OR OTHER BURIED OBJECTS SHALL BE CLEANED OF ALL LOOSE SOILS AND SHALL BE PROPERLY BACKFILLED WITH ENGINEERED FILLED THAT THE OWNER'S SOIL ENGINEER APPROVES, MONITORS, TESTS, AND APPROVES.

14. THE SUBGRADE SOILS OR BASE MATERIALS BENEATH ALL PAVING AREAS SHOULD BE COMPACTED TO A MINIMUM OF 95% RELATIVE COMPACTION.

15. IF ANY SOFT OR LOOSE SOIL POCKETS ARE FOUND ONSITE DURING THE STRIPPING OR RECOMPACTION PROCESS, THEY SHALL BE OVER EXCAVATED AND RECOMPACTED.

16. CONTRACTOR SHALL MAINTAIN MOISTURE CONDITION RIGHT UP TO POURING OF CONCRETE.

17. WHERE COMBINATIONS OF SIDEWALK OR CURB AND GUTTER ARE POURED CONTIGUOUS TO EXISTING, ALL ADJOINING EXISTING CONCRETE VERTICAL FACES SHALL BE DOWELED. ALL ABUTTING SIDEWALK ENDS SHALL BE DOWELED MID-SECTION VERTICALLY WITH TWO DOWELS FOR FOUR THROUGH SIX-FOOT WIDE SIDEWALK AND THREE DOWELS FOR WIDER SIDEWALK. ABUTTING CURB AND GUTTER ENDS SHALL BE DOWELED TWICE, 18 INCHES APART AT GUTTER PAN MID-SECTION. DOWEL CONNECTIONS OF LONGITUDINAL RUNS OF SIDEWALK TO BACK OF CURB SHALL BE THREE FEET ON CENTER. ALL DOWELS SHALL BE 16 INCHES LONG, GRADE 60; #4 REBAR PENETRATING FOUR INCHES. THE DOWEL HOLE SHALL BE 5/8-INCH DIAMETER AT A SLIGHT HORIZONTAL ANGLE FROM PERPENDICULAR. THE PENETRATING PORTION OF THE DOWEL AND THE ENTIRE (CLEANED) VERTICAL SURFACE OF THE ADJOINING, EXISTING CONCRETE SHALL BE THOROUGHLY COATED WITH STATE STANDARD TWO-PART EPOXY.

## 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 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 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.

## DEMOLITION NOTES:

1. EXISTING STRUCTURES, CONCRETE, PAVEMENT, FENCES, CURBS, UTILITY BOXES, LIGHTS, GATES, ETC. NOT CALLED OUT IN PLANS TO BE REMOVED OR DEMOLISHED SHALL BE PROTECTED IN PLACE.

## GRADING NOTES

1. GRADING AND LAND STABILIZATION SHALL INCLUDE COST OF DEWATERING; REMOVING FROM THE SITE ALL STRIPPED VEGETATION, DEBRIS, STRUCTURES, POWER POLES, EXISTING PAVEMENT, BUILDINGS, TREES, AND OTHER DELETERIOUS MATERIALS.

2. TOPOGRAPHICAL INFORMATION SHOWN REFLECTS A TOPOGRAPHY SURVEY PERFORMED BY SIEGFRIED ENGINEERING.

3. ANY AND ALL SEDIMENT AND/OR EROSION CONTROL DETAILS CONTAINED WITHIN THESE PLANS ARE TO BE CONSIDERED AS "REFERENCE DETAILS" ONLY AND THE CITY'S APPROVAL OF THESE PLANS AND "REFERENCE DETAILS" DOES NOT RELIEVE THE OWNER/DEVELOPER FROM COMPLIANCE WITH THE STORM WATER POLLUTION PREVENTION PLAN AS APPROVED BY THE CITY'S STORM WATER DIVISION

4. CONTRACTOR SHALL MATCH EXISTING ELEVATIONS ALONG CONFORM LINES.

5. POSITIVE DRAINAGE SHALL BE MAINTAINED ON ALL SURFACE AREAS WITHIN THE SCOPE OF THIS PROJECT. CONTRACTOR SHOULD TAKE PRECAUTIONS NOT TO ALLOW ANY PONDING OF WATER.

6. ALL DISTURBED AREAS SHALL BE REVEGETATED, BY THE CONTRACTOR, IN ACCORDANCE WITH PROJECT SPECIFICATIONS.

7. THE CONTRACTOR WILL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL UTILITIES AND DRAINAGE STRUCTURES WHETHER SHOWN ON THE PLANS OR NOT. THE CONTRACTOR SHALL UNCOVER EXISTING UTILITIES PRIOR TO CONSTRUCTION TO VERIFY SIZE, GRADE, AND LOCATION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY DEVIATIONS FROM PLANS PRIOR TO BEGINNING CONSTRUCTION. ANY DAMAGE TO EXISTING UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT, SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR, AT HIS EXPENSE.

8. CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING TO ORIGINAL, OR BETTER, CONDITION ANY DAMAGES DONE TO EXISTING SIGNS, UTILITIES, PAVEMENT, CURBS, SIDEWALKS OR DRIVEWAYS.

9. DUE TO FEDERAL REGULATION TITLE 49, PART 192.181, THE GAS UTILITY MUST MAINTAIN ACCESS TO GAS VALVES AT ALL TIMES. THE CONTRACTOR MUST PROTECT AND WORK AROUND ANY GAS VALVES THAT ARE IN THE PROJECT AREA.

10. CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY QUESTIONS THAT MAY ARISE CONCERNING THE INTENT, PLACEMENT, OR LIMITS, OF DIMENSIONS OR GRADES NECESSARY FOR CONSTRUCTION OF THIS PROJECT.

11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ALL PERMITS, TESTS, AND APPROVALS AND ACCEPTANCES REQUIRED TO COMPLETE CONSTRUCTION OF THIS PROJECT.

12. TOPSOIL STRIPPING MATERIALS TO BE RE-USED FOR REVEGETATION SHALL BE MAINTAINED IN ACCORDANCE WITH APPLICABLE POLLUTION PREVENTION PLANS OR PERMITS.

13. WASTE MATERIALS, OR EXCESS TOPSOIL GENERATED AS A RESULT OF CLEARING AND GRADING OPERATIONS SHALL BECOME THE PROPERTY OF THE CONTRACTOR. APPROPRIATE DISPOSAL OF ALL SPOIL SHALL BE AT THE CONTRACTOR'S EXPENSE.

## PAVING AND DIMENSIONING NOTES

1. ALL DIMENSIONS ARE TO TOP FACE OF CURB, FACE OF BUILDING, CENTER OF PAINT STRIPING OR PERPENDICULAR TO THE PROPERTY LINE. CONTRACTOR SHALL VERIFY DIMENSIONS MATCH FIELD CONDITIONS PRIOR TO CONSTRUCTION.

2. THE CONTRACTOR SHALL VERIFY ELEVATIONS AND LOCATIONS OF EXISTING FACILITIES AND NOTIFY THE ENGINEER OF ANY CONFLICTS PRIOR TO BEGINNING CONSTRUCTION.

3. ALL SIGNS SHALL CONFORM TO MUTCD, LATEST EDITION.

## TREE PROTECTION NOTES

CONTRACTOR SHALL PROVIDE A CERTIFIED ARBORIST TO INSPECT TREES FOR HEALTH AND STRUCTURAL INTEGRITY AS WELL AS DETERMINE IF TREES ARE TO REMAIN IN PLACE AND BE PROTECTED DURING CONSTRUCTION.
CONTRACTOR SHALL PROVIDE TREE PROTECTION AND SIGNAGE PER CITY OF TURLOCK REQUIRED STANDARDS AND METHODS.
CARE SHALL BE TAKEN WHEN CONSTRUCTION OCCURS WITHIN THE TREE DRIPLINE.

TREE PROTECTION NOTES

1. PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL MEET AT THE PROJECT SITE TO DISCUSS TREE PROTECTION MEASURES AND REQUIRED TREE MAINTENANCE FOR THE PROJECT.

2. IF ROOTS OR LIMBS OBSERVED OR DAMAGED DURING CONSTRUCTION, THE CONTRACTOR SHALL REPORT IN WRITING THE INCIDENT TO THE CITY ENGINEER.

3. REFER TO SECTION 01 56 39 TREE AND PLANT PROTECTIONS FOR ADDITIONAL STANDARD SPECIFICATIONS IN REGARDS TO EXISTING TREES.

## LANDSCAPE / IRRIGATION PROTECTION NOTES

1. CONTRACTOR SHALL VERIFY ANY IRRIGATION FACILITIES TO BE DISRUPTED IN LANDSCAPED DEMOLITION AREAS.

2. CONTRACTOR TO ADJUST EXISTING IRRIGATION FACILITIES AS NECESSARY TO THE SATISFACTION OF THE CITY ENGINEER.

3. CONTRACTOR TO VERIFY ANY IRRIGATION FACILITIES TO BE DISRUPTED IN LANDSCAPED DEMOLITION AREAS. EXISTING IRRIGATION FACILITIES SHALL BE CUT BACK AND MODIFIED TO ACCOMMODATE PROPOSED IMPROVEMENTS, AND SERVE LANDSCAPE AREAS TO REMAIN.

## LEGEND

| EXISTING | | PROPOSED |
|---|---|---|
| UG | UNDERGROUND ELECTRIC LINE | |
| TELE | TELECOMMUNICATION LINE | |
| | TOP OF CURB ELEVATION | 11.93TC |
| | FLOW LINE ELEVATION | 11.43FL |
| | CONCRETE ELEVATION | 11.93C |
| | PAVEMENT ELEVATION | 11.93P |
| 00.00 | EXISTING ELEVATION | |
| G | GAS LINE | |
| AT&T | AT&T | |
| | CENTER LINE | |
| | PROPERTY & R/W LINE | |
| X X | WOOD FENCE | |
| 8"SS | SANITARY SEWER LINE | |
| 8"SD | STORM DRAIN LINE | |
| 12"W | WATER LINE | |
| | CATCH BASIN | |
| | MAINTENANCE HOLE | |
| | CURB AND GUTTER | |
| | GATE VALVE | |
| | STREET LIGHT | |
| | SIGN | |
| | POWER POLE | |
| | GUY WIRES | |
| E | ELECTRICAL BOX | |
| V | UTILITY VAULT | |
| | TREE | |

## ABBREVIATIONS

| ABBREVIATION | DESCRIPTION |
|---|---|
| @ | AT |
| AB | AGGREGATE BASE |
| AC | ASPHALT CONCRETE |
| ADA | AMERICANS WITH DISABILITIES ACT |
| BW | BACK OF WALK |
| C | CONCRETE |
| CL | CENTERLINE |
| CO | CLEANOUT |
| D | DEPTH |
| DIA | DIAMETER |
| DWG | DRAWING |
| EL | ELEVATION |
| EP | EXISTING PAVEMENT |
| EQ | EQUAL, EQUIDISTANT, EQUIVALENT |
| EX | EXISTING |
| FC | FACE OF CURB |
| FL | FLOWLINE |
| FH | FIRE HYDRANT |
| G | GROUND |
| GB | GRADE BREAK |
| HP | HIGH POINT |
| HORIZ | HORIZONTAL |
| LF | LINEAR FEET |
| L | LEFT |
| LS | LANDSCAPE |
| MAX | MAXIMUM |
| MH | MAINTENANCE HOLE |
| MIN | MINIMUM |
| NO. | NUMBER |
| NTS | NOT TO SCALE |
| O.C. | ON CENTER |
| P | PAVEMENT |
| PP | POWER POLE |
| PSI | POUNDS PER SQUARE INCH |
| PUE | PUBLIC UTILITY EASEMENT |
| PVC | POLYVINYL CHLORIDE |
| PL | PROPERTY LINE |
| R | RADIAL OR RADIUS |
| R/W | RIGHT-OF-WAY |
| SD | STORM DRAIN |
| SF | SQUARE FEET |
| SS | SANITARY SEWER |
| SL | STREET LIGHT |
| SW | SIDEWALK |
| SDMH | STORM DRAIN MAINTENANCE HOLE |
| SSMH | SANITARY SEWER MAINTENANCE HOLE |
| STA | STATION |
| STD | STANDARD |
| ST | STREET |
| SWPPP | STORM WATER POLLUTION PREVENTION PLAN |
| TC | TOP OF CURB |
| TI | TRAFFIC INDEX |
| TYP | TYPICAL |
| VERT | VERTICAL |
| W | WATER |
| (W) | WEST |
| (E) | EAST |
| (S) | SOUTH |
| (N) | NORTH |
| ± | PLUS OR MINUS |
| (L) | LEFT SIDE OF ROAD |
| (R) | RIGHT SIDE OF ROAD |

Know what's **below.** **Call** before you dig.

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REGISTERED PROFESSIONAL ENGINEER ADAM K. MERRILL No. 76826 Exp. 12/31/24 CIVIL STATE OF CALIFORNIA

DATE SIGNED: 04/02/24

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GENERAL NOTES

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THE CITY OF TURLOCK ROADS PROGRAM

VERIFY SCALE 0 1"

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| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 02 |
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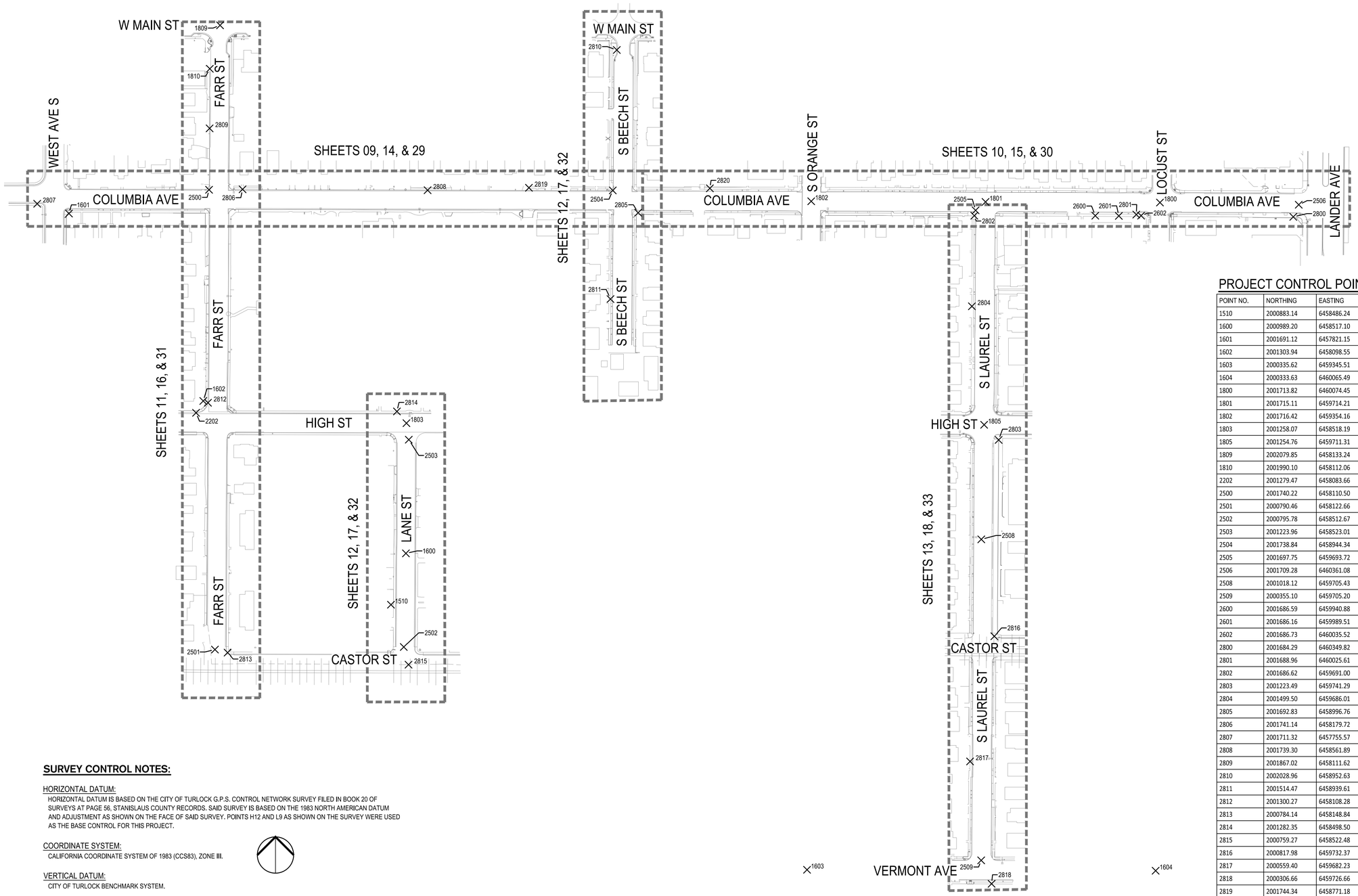


## PROJECT CONTROL POINT TABLE

| POINT NO. | NORTHING | EASTING | ELEVATION | FOUND/SET | DESCRIPTION |
|---|---|---|---|---|---|
| 1510 | 2000883.14 | 6458486.24 | | FOUND | 3/4" IRON PIPE |
| 1600 | 2000989.20 | 6458517.10 | | FOUND | 1/2" IP |
| 1601 | 2001691.12 | 6457821.15 | | FOUND | 3/4" IP |
| 1602 | 2001303.94 | 6458098.55 | | FOUND | 3/4" IP |
| 1603 | 2000335.62 | 6459345.51 | | FOUND | 2" IRON PIPE |
| 1604 | 2000333.63 | 6460065.49 | | FOUND | 2" IRON PIPE |
| 1800 | 2001713.82 | 6460074.45 | | FOUND | 3" BRASS DISK IN MONUMENT WELL |
| 1801 | 2001715.11 | 6459714.21 | | FOUND | 3/4" IRON PIPE IN MONUMENT WELL |
| 1802 | 2001716.42 | 6459354.16 | | FOUND | 3/4" IRON PIPE IN MONUMENT WELL |
| 1803 | 2001258.07 | 6458518.19 | | FOUND | 3/4" IRON PIPE IN MONUMENT WELL TAGGED PLS 7604 |
| 1805 | 2001254.76 | 6459711.31 | | FOUND | 3/4" IRON PIPE IN MONUMENT WELL |
| 1809 | 2002079.85 | 6458133.24 | | FOUND | 3/4" IRON PIPE IN MONUMENT WELL TAGGED PLS 7823 |
| 1810 | 2001990.10 | 6458112.06 | 97.05 | FOUND | NAIL AND TAG ls 7823 |
| 2202 | 2001279.47 | 6458083.66 | 96.28 | SET | 2" CUT CROSS |
| 2500 | 2001740.22 | 6458110.50 | 96.59 | FOUND | SVCP MAG NW OUTSIDE COR XWALK |
| 2501 | 2000790.46 | 6458122.66 | 97.71 | FOUND | SVCP MAG SE TOP T |
| 2502 | 2000795.78 | 6458512.67 | 97.97 | FOUND | SVCP MAG NE COR BTM T |
| 2503 | 2001223.96 | 6458523.01 | 97.22 | FOUND | SVCP MAG NE T |
| 2504 | 2001738.84 | 6458944.34 | 98.69 | FOUND | SVCP MAG NW OUTSIDE COR XWALK |
| 2505 | 2001697.75 | 6459693.72 | 99.19 | FOUND | SVCP MAG SW INNER COR. XWALK |
| 2506 | 2001709.28 | 6460361.08 | 99.65 | FOUND | SVCP MAG NE COR TOP T |
| 2508 | 2001018.12 | 6459705.43 | 98.37 | FOUND | SVCP MAG CENTER OF X |
| 2509 | 2000355.10 | 6459705.20 | 96.99 | FOUND | SVCP MAG SE COR STOP BAR |
| 2600 | 2001686.59 | 6459940.88 | 99.02 | FOUND | NAIL AND TAG PAINTED "C" |
| 2601 | 2001686.16 | 6459989.51 | 99.01 | FOUND | NAIL AND TAG PAINTED "B" |
| 2602 | 2001686.73 | 6460035.52 | 98.93 | FOUND | NAIL AND TAG PAINTED "A" |
| 2800 | 2001684.29 | 6460349.82 | 99.57 | SET | 2" CUT CROSS |
| 2801 | 2001688.96 | 6460025.61 | 98.91 | SET | 2" CUT CROSS |
| 2802 | 2001686.62 | 6459691.00 | 99.22 | SET | 2" CUT CROSS |
| 2803 | 2001223.49 | 6459741.29 | 98.24 | SET | 2" CUT CROSS |
| 2804 | 2001499.50 | 6459686.01 | 98.79 | SET | 2" CUT CROSS |
| 2805 | 2001692.83 | 6458996.76 | 98.80 | SET | 2" CUT CROSS |
| 2806 | 2001741.14 | 6458179.72 | 96.69 | SET | 2" CUT CROSS |
| 2807 | 2001711.32 | 6457755.57 | 96.88 | SET | 2" CUT CROSS |
| 2808 | 2001739.30 | 6458561.89 | 97.41 | SET | 2" CUT CROSS |
| 2809 | 2001867.02 | 6458111.62 | 97.02 | SET | 2" CUT CROSS |
| 2810 | 2002028.96 | 6458952.63 | 98.37 | SET | 2" CUT CROSS |
| 2811 | 2001514.47 | 6458939.61 | 98.32 | SET | 2" CUT CROSS |
| 2812 | 2001300.27 | 6458108.28 | 96.50 | SET | 2" CUT CROSS |
| 2813 | 2000784.14 | 6458148.84 | 97.37 | SET | 2" CUT CROSS |
| 2814 | 2001282.35 | 6458498.50 | 97.22 | SET | 2" CUT CROSS |
| 2815 | 2000759.27 | 6458522.48 | 97.97 | SET | 2" CUT CROSS |
| 2816 | 2000817.98 | 6459732.37 | 97.77 | SET | 2" CUT CROSS |
| 2817 | 2000559.40 | 6459682.23 | 97.40 | SET | 2" CUT CROSS |
| 2818 | 2000306.66 | 6459726.66 | 97.03 | SET | 2" CUT CROSS |
| 2819 | 2001744.34 | 6458771.18 | 97.84 | SET | 2" CUT CROSS |
| 2820 | 2001743.18 | 6459144.89 | 99.62 | SET | 2" CUT CROSS |

## SURVEY CONTROL NOTES:

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:

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

VERTICAL DATUM:

CITY OF TURLOCK BENCHMARK SYSTEM.

811 Know what's below. Call before you dig.

NOTE:
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REGISTERED PROFESSIONAL ENGINEER ADAM K. MERRILL No. 76826 Exp. 12/31/24 CIVIL STATE OF CALIFORNIA

DATE SIGNED: 04/02/24

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KEY MAP & SURVEY CONTROL POINTS

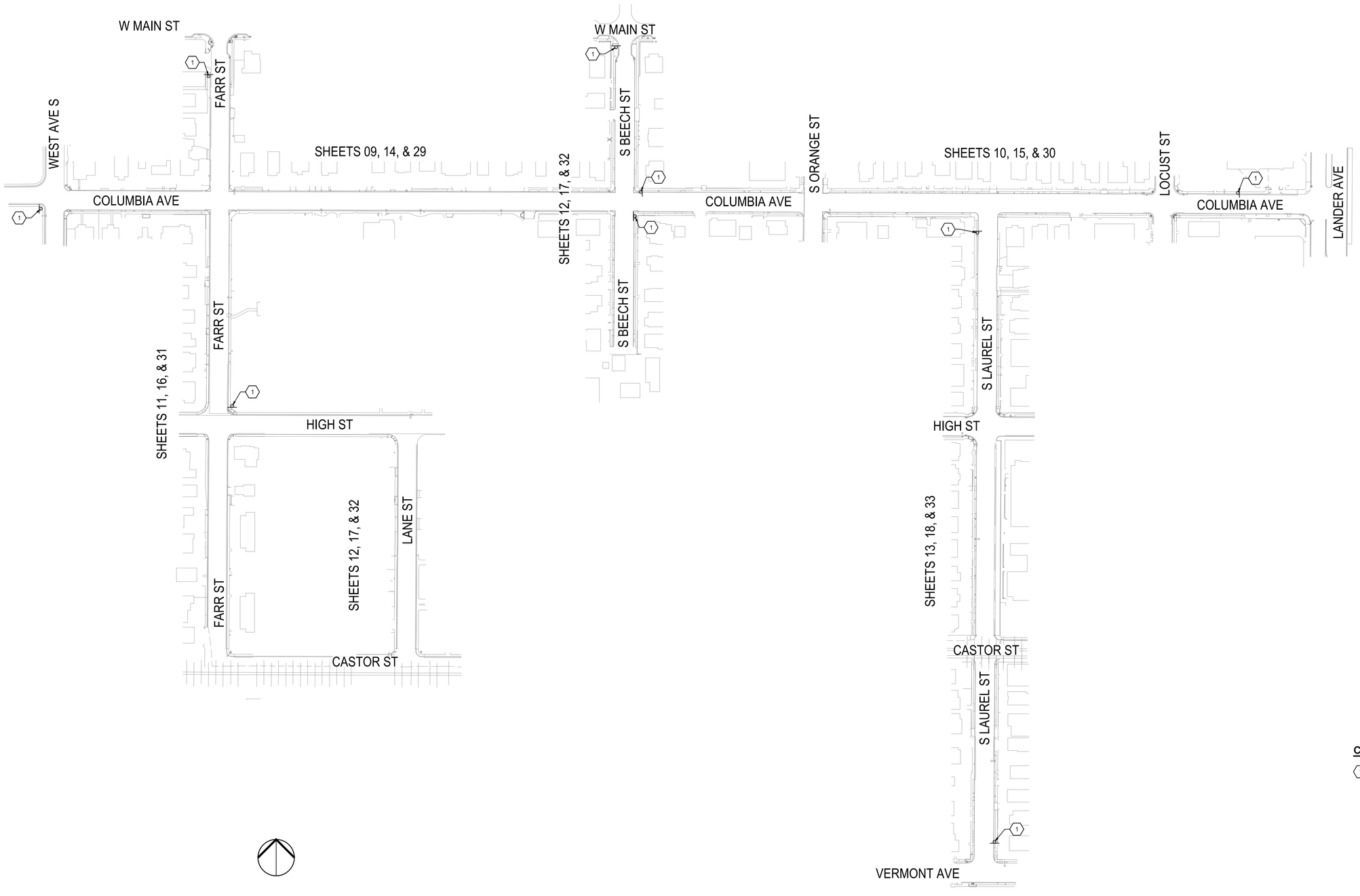
CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

VERIFY SCALE
0 1"

| | |
|---|---|
| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 03 |
| CH. BY: AKM | |
| DATE: 4/2/2024 | |
| SCALE: SEE SHEET | SHEET: |
| SEI PROJ NO: 22157 | 03 OF 49 |

DATE & TIME PLOTTED: 4/02/24 3:14 PM

FILE: F:\22projects\22157 City of Turlock Road CIP\Plans and Graphics\Improvement Plans\22157 C-03 KEY MAP & SURVEY CONTROL.dwg




**CONSTRUCTION KEYNOTES:**

1. INSTALL TEMPORARY CONSTRUCTION FUNDING SIGN. SEE DETAIL 7 ON SHEET 19.

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TEMPORARY CONSTRUCTION FUNDING SIGN OVERALL PLAN

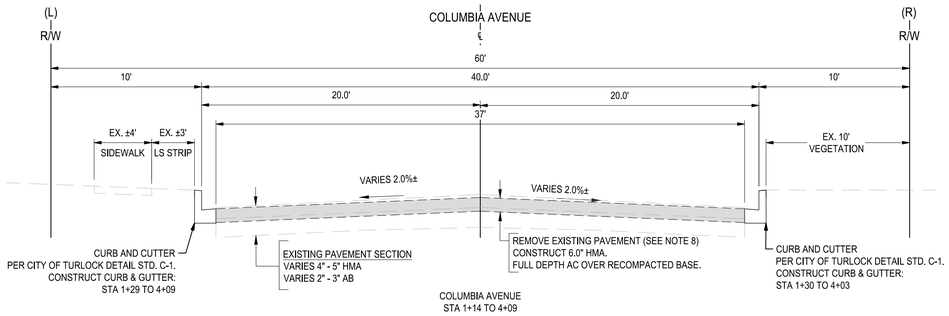
CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

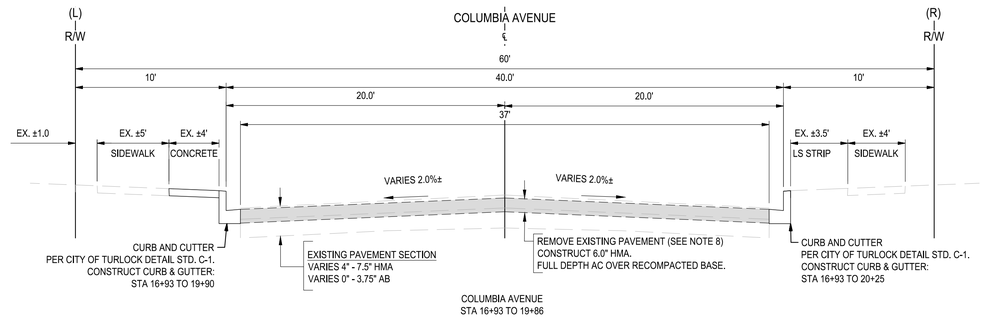
VERIFY SCALE
0 1"

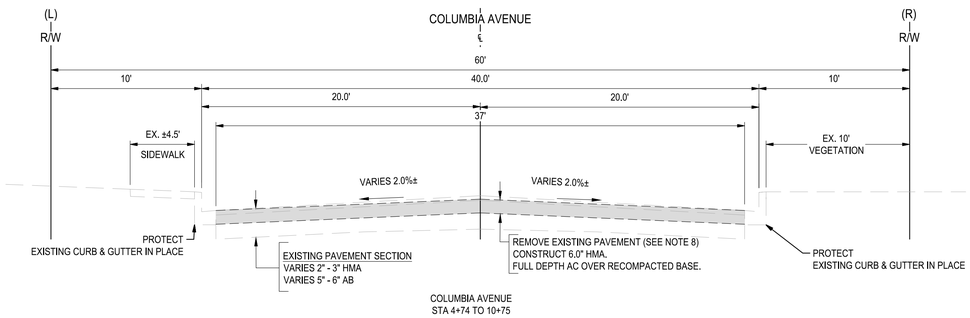
| | |
|---|---|
| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 04 |
| CH. BY: AKM | |
| DATE: 4/2/2024 | |
| SCALE: SEE SHEET | SHEET: |
| SEI PROJ NO: 22157 | 04 OF 49 |

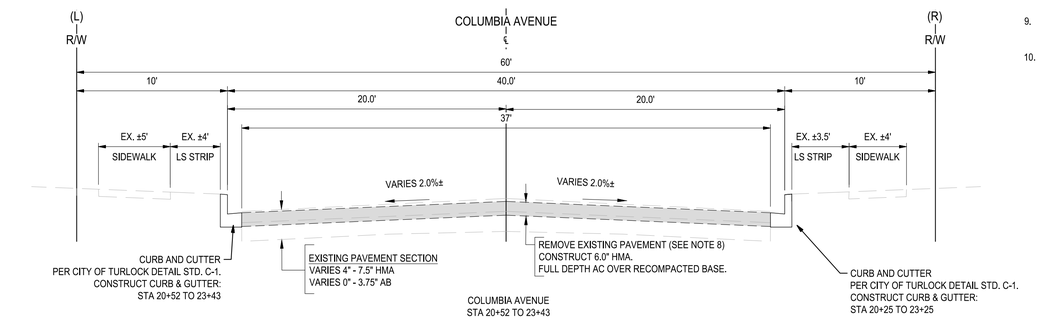
FILE: F:\22projects\22157 City of Turlock Road CIP\Plans and Graphics\Improvement Plans\22157 C-03 TEMPORARY CONSTRUCTION SIGN OVERALL MAP.dwg

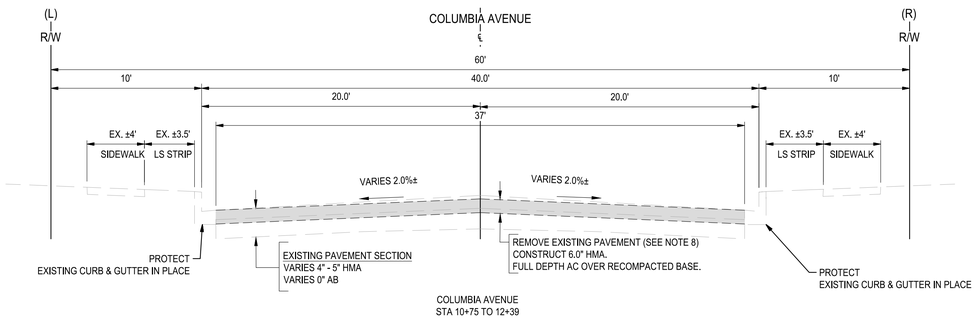
DATE & TIME PLOTTED: 4/02/24 3:15 PM

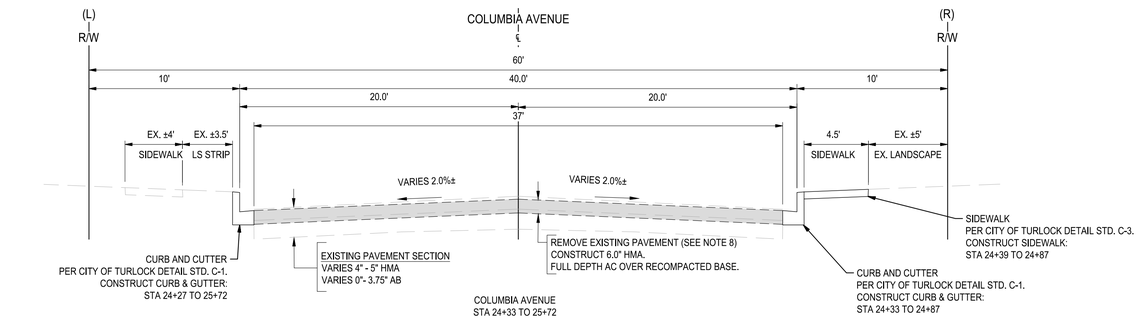


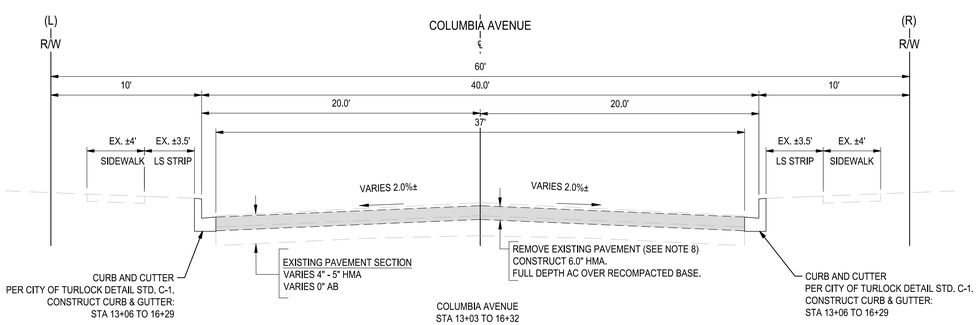



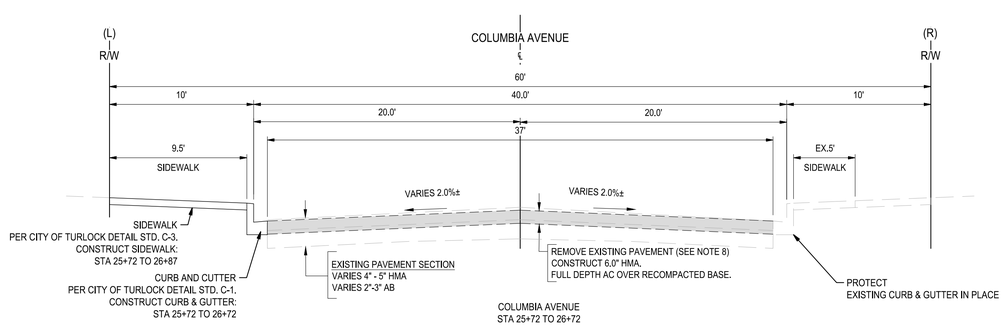




## NOTES:

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

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CIVIL
STATE OF CALIFORNIA

DATE SIGNED: 04/02/24


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# TYPICAL SECTIONS

## COLUMBIA AVENUE TYPICAL CROSS SECTIONS

## CAPITAL PROJECT NO. 23-033
## THE CITY OF TURLOCK ROADS PROGRAM

VERIFY SCALE
0 1"

| | |
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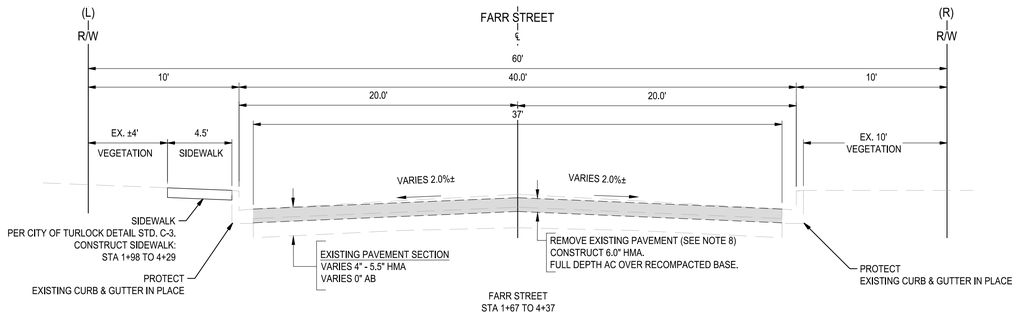
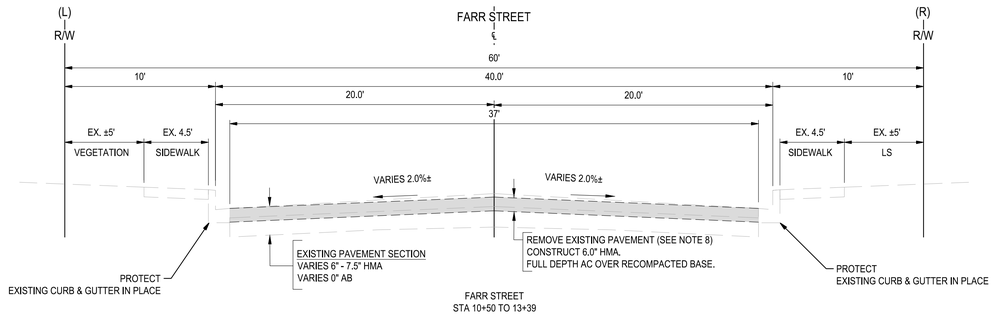
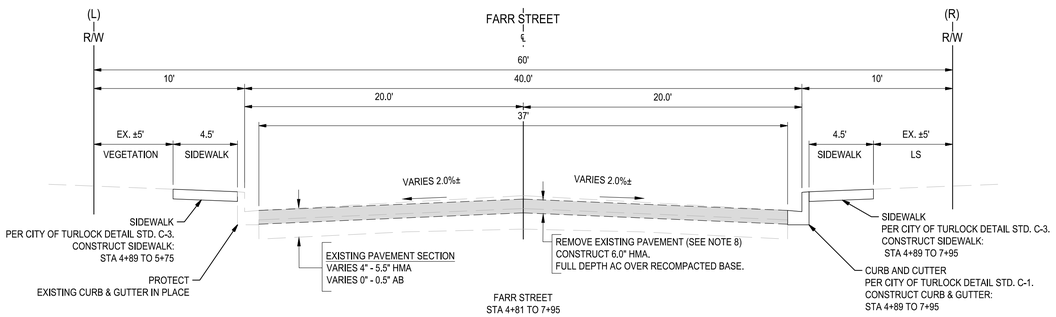
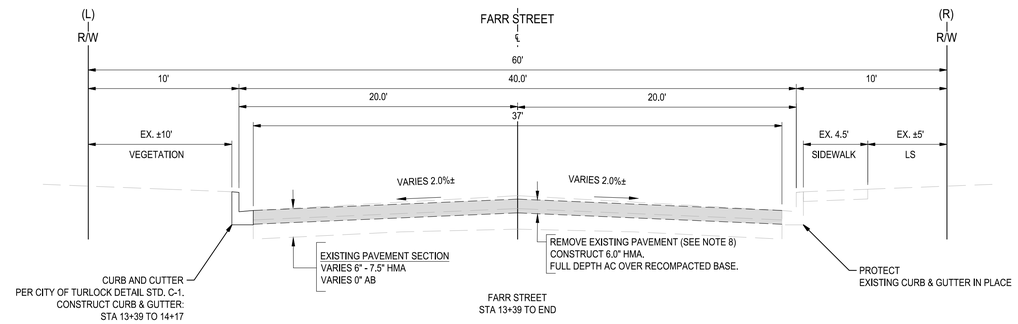
| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 05 |
| CH. BY: AKM | |
| DATE: 4/2/2024 | |
| SCALE: SEE SHEET | SHEET: |
| SEI PROJ NO: 22157 | 05 OF 49 |

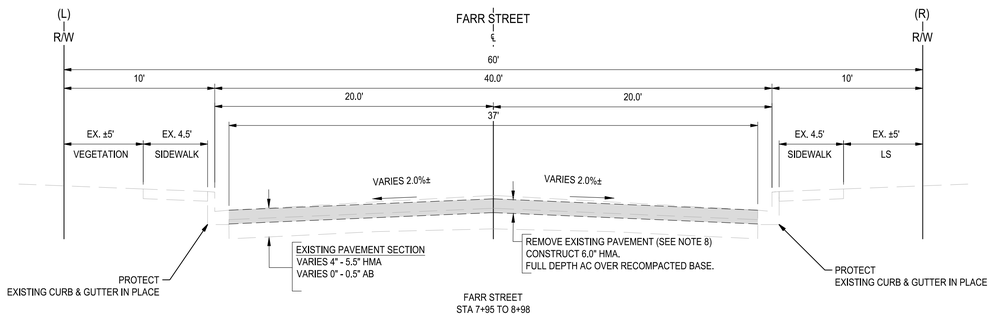
FILE: F:\22projects\22157 City of Turlock Road CIP\Plans and Graphics\Improvement Plans\22157 C-04 CROSS SECTIONS.dwg
DATE & TIME PLOTTED: 4/02/24 3:15 PM

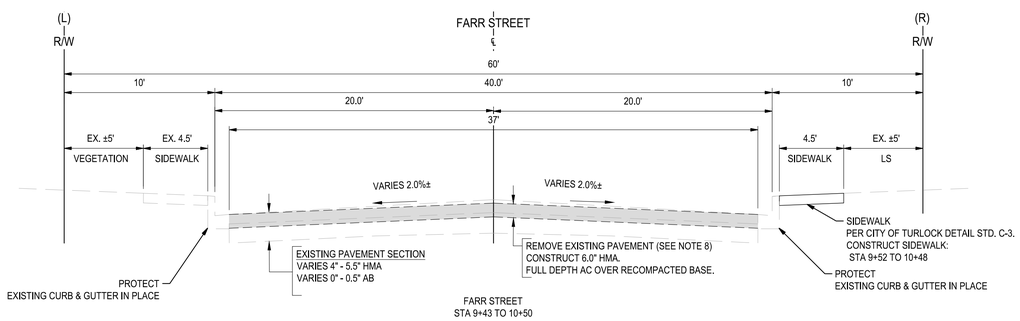



NOTES:

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2. FOR LOCATIONS OF PAVEMENT REHABILITATION, SEE IMPROVEMENT SHEETS
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TYPICAL SECTIONS

FARR STREET TYPICAL CROSS SECTIONS

CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

VERIFY SCALE
0 1"

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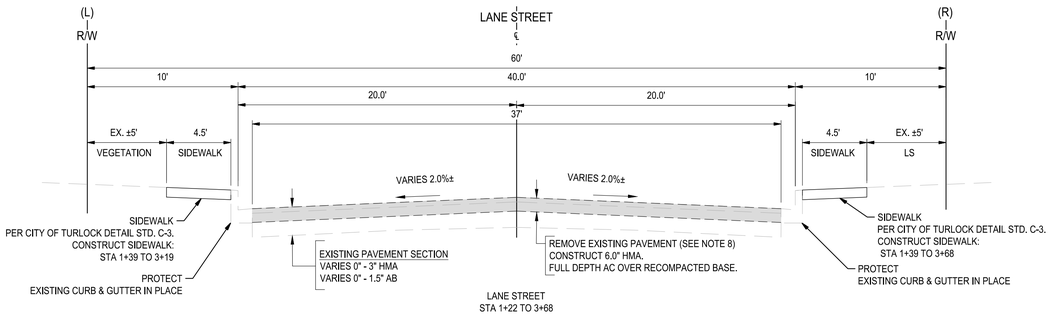
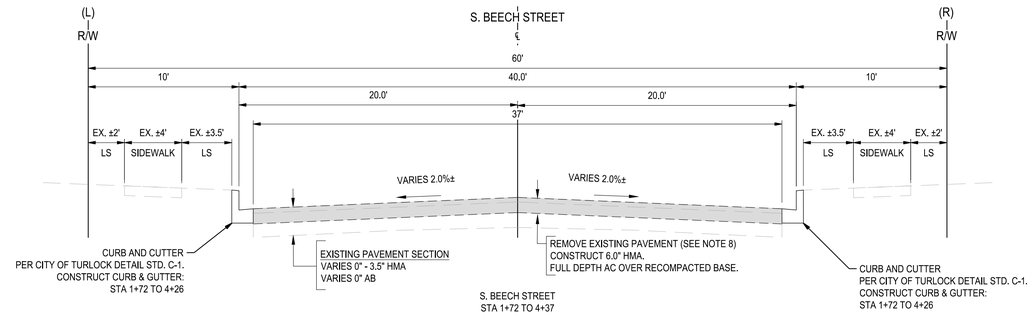
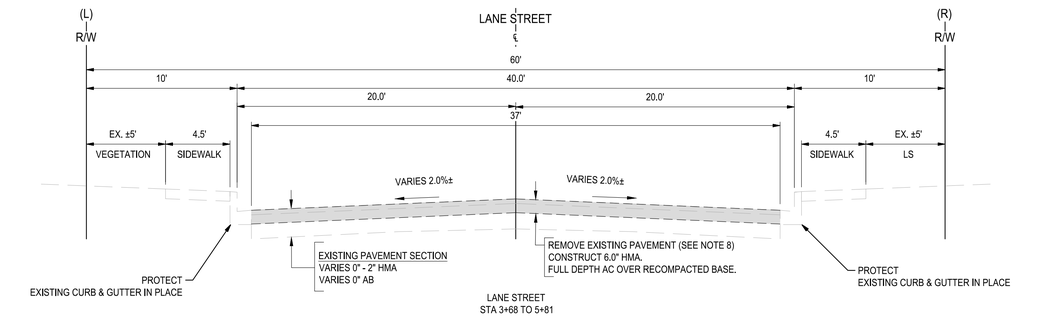
| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 06 |
| CH. BY: AKM | |
| DATE: 4/2/2024 | |
| SCALE: SEE SHEET | SHEET: |
| SEI PROJ NO: 22157 | 06 OF 49 |

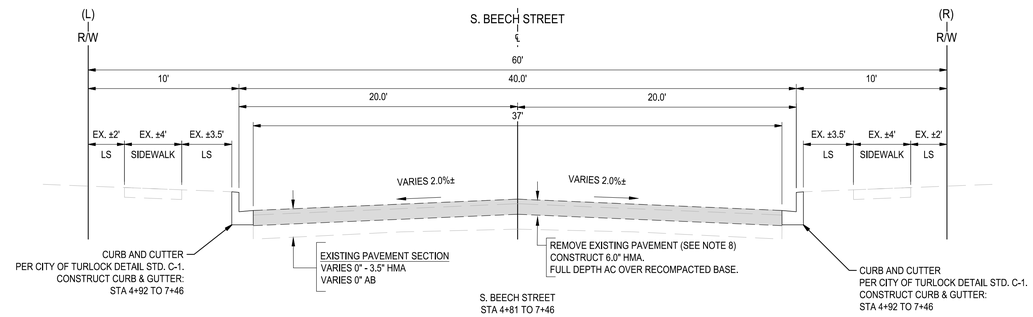
FILE: F:\22projects\22157 City of Turlock Road CIP\Plans and Graphics\Improvement Plans\22157 C-04 CROSS SECTIONS.dwg

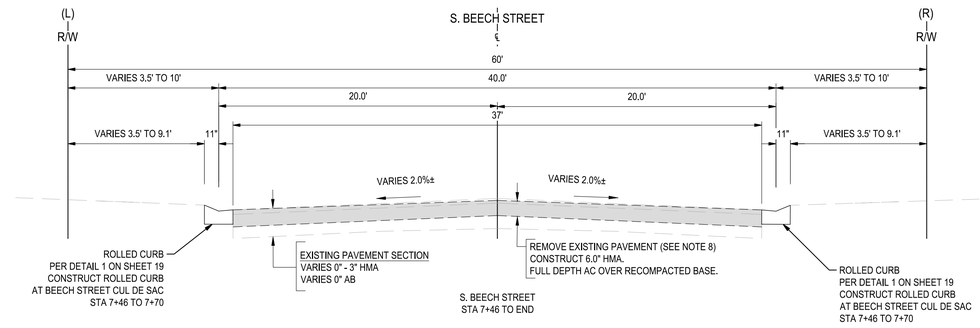
DATE & TIME PLOTTED: 4/02/24 3:15 PM

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TYPICAL SECTIONS

LANE STREET & S. BEECH STREET TYPICAL CROSS SECTIONS

CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

VERIFY SCALE
0 1"

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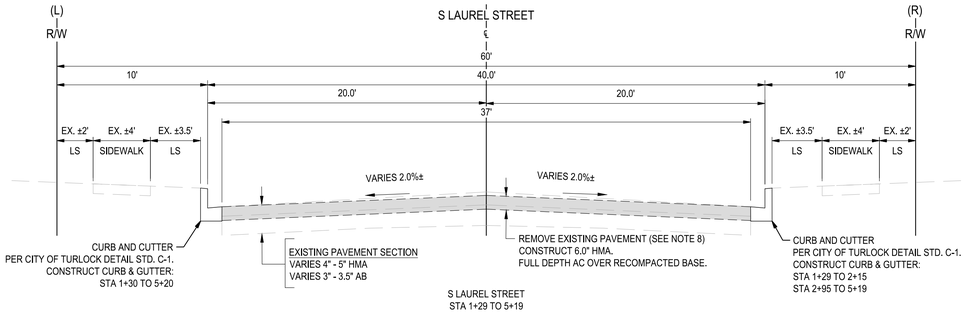
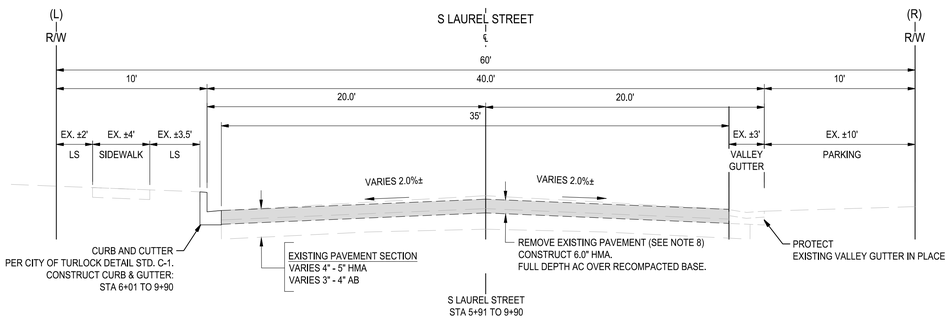
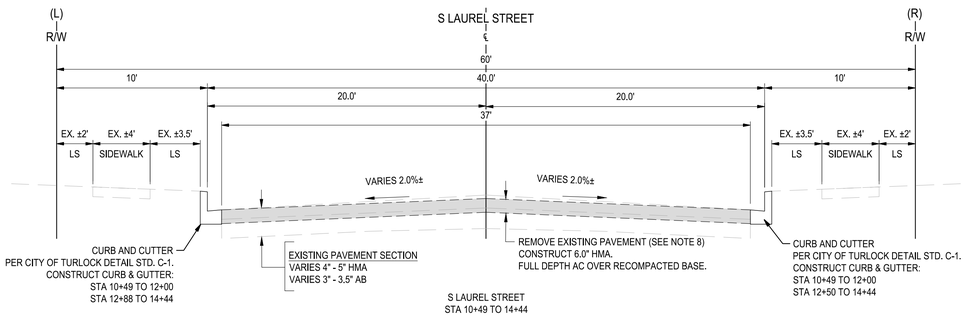
|---|---|
| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 07 |
| CH. BY: AKM | |
| DATE: 4/2/2024 | |
| SCALE: SEE SHEET | SHEET: |
| SEI PROJ NO: 22157 | 07 OF 49 |

FILE: F:\22projects\22157 City of Turlock Road CIP\Plans and Graphics\Improvement Plans\22157 C-04 CROSS SECTIONS.dwg

DATE & TIME PLOTTED: 4/02/24 3:15 PM

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3. CONSTRUCT 6" CURB AND GUTTER PER CITY OF TURLOCK STD. C-1. FOR LOCATIONS AND LIMITS OF CURB AND GUTTER REPLACEMENT, SEE IMPROVEMENTS SHEETS.
4. CONSTRUCT CONCRETE SIDEWALK PER CITY OF TURLOCK STD. C-3, FOR LOCATIONS AND LIMITS OF CURB AND GUTTER REPLACEMENT, SEE IMPROVEMENTS SHEETS.
5. PAVEMENT SHALL BE REPLACED AS SHOWN, CROSS SLOPE OF PAVEMENT SHALL MAINTAIN POSITIVE DRAINAGE. THERE SHALL BE NO LOW POINTS COLLECTING SURFACE RUNOFF.
6. EXISTING CURB, GUTTER, SIDEWALK, AND DRIVEWAY SHALL BE PROTECTED IN PLACE, UNLESS OTHERWISE NOTED ON THE PLANS.
7. DIMENSIONS SHOWN IN TYPICAL SECTIONS ARE APPROXIMATE. CONTRACTOR SHALL VERIFY DIMENSIONS WITH THE ENGINEER IN THE FIELD.
8. REMOVAL OF EXISTING PAVEMENT INCLUDES ASPHALT, AGGREGATE BASE, AND SUB BASE AS NECESSARY TO ARCHIVE REQUIRED REMOVAL DEPTH.
9. WHERE THE ENTIRE EXISTING LAYER IS REMOVED, COMPACT AND PREPARE BASE/ SUBGRADE PRIOR TO PLACING HMA.
10. SEE PLANS FOR PROPOSED PAVEMENT TREATMENT WITHIN INTERSECTION GRADING LIMITS, WHERE APPLICABLE.

811 Know what's below. Call before you dig.

NOTE:
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

REGISTERED PROFESSIONAL ENGINEER
ADAM K. MERRILL
No. 76826
Exp. 12/31/24
CIVIL
STATE OF CALIFORNIA
DATE SIGNED: 04/02/24

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CITY OF TURLOCK INC. 1908

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

TYPICAL SECTIONS
S. LAUREL STREET TYPICAL CROSS SECTIONS
CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

VERIFY SCALE
0 1"

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| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 08 |
| CH. BY: AKM | |
| DATE: 4/2/2024 | |
| SCALE: SEE SHEET | SHEET: |
| SEI PROJ NO: 22157 | 08 OF 49 |

FILE: F:\22projects\22157 City of Turlock Road CIP\Plans and Graphics\Improvement Plans\22157 C-04 CROSS SECTIONS.dwg
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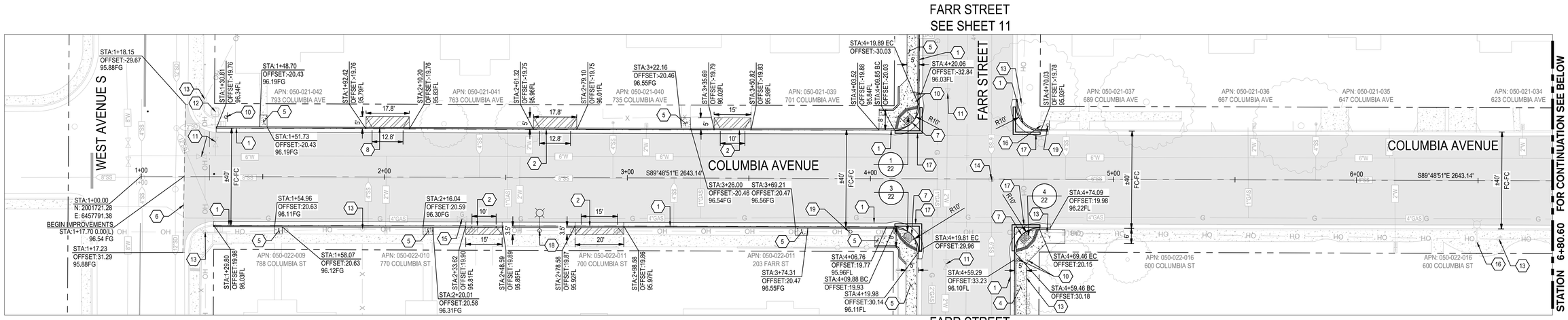
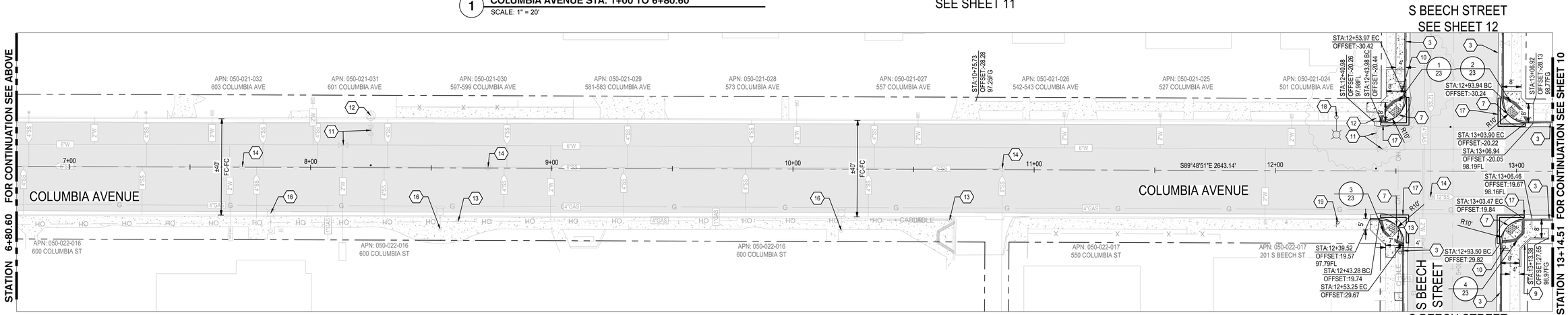



1 **COLUMBIA AVENUE STA: 1+00 TO 6+80.60**
SCALE: 1" = 20'




2 **COLUMBIA AVENUE STA: 6+80.60 TO 13+14.51**
SCALE: 1" = 20'

## CONSTRUCTION KEYNOTES:

1. REMOVE AND RECONSTRUCT CONCRETE CURB & GUTTER PER CITY OF TURLOCK STD. C-1
2. REMOVE AND RECONSTRUCT CONCRETE DRIVEWAY APPROACH PER CITY OF TURLOCK STD. C-5
3. REMOVE CURB AND CONSTRUCT CONCRETE CURB & GUTTER PER CITY OF TURLOCK STD. C-1
4. REMOVE AND CONSTRUCT SIDEWALK PER CITY OF TURLOCK STD. C-3
5. CONSTRUCT SIDEWALK PER CITY OF TURLOCK STD. C-3
6. CONFORM TO EXISTING PAVEMENT. SEE DETAIL 2 ON SHEET 19.
7. REMOVE AND CONSTRUCT CURB RAMP PER CITY OF TURLOCK STD. C-10
8. CONSTRUCT CONCRETE DRIVEWAY APPROACH PER CITY OF TURLOCK STD. C-5
9. REMOVE AND REPLACE IN KIND ±21.5 LF OF EXISTING 8" HIGH CONCRETE CURB. INSTALLATION OF 8" HIGH CONCRETE CURB SHALL BE BEHIND CURB RAMP CONCRETE IMPROVEMENTS. SEE CITY OF TURLOCK VERTICAL CURB DETAIL STD. C-1..
10. REMOVE AND REINSTALL EXISTING SIGN AND POST. FOR LOCATION SEE SHEET 14.
11. ADJUST EXISTING WATER VALVE TO GRADE
12. PROTECT IN PLACE EXISTING FIRE HYDRANT
13. PROTECT IN PLACE EXISTING POWER/LIGHT POLE
14. ADJUST EXISTING SANITARY SEWER MANHOLE TO GRADE
15. ADJUST EXISTING NATURAL GAS VALVE TO GRADE
16. PROTECT IN PLACE EXISTING STREET LIGHT
17. REMOVE AND DISPOSE EXISTING STORM DRAIN UNDER DRAIN
18. STREET LIGHT BULB REPLACEMENT OR PROPOSED LIGHT INSTALLATION (NOT PART OF SCOPE).
19. INSTALL STREET SIGN AND POST. SEE SIGNING AND STRIPING PLANS FOR MORE DETAILS.

## NOTES:

1. LIMITS OF PAVEMENT REHABILITATION APPROXIMATE. CONTRACTOR TO VERIFY THE LOCATION OF CONFORM AND RECEIVE FINAL APPROVAL FROM THE ENGINEER.
2. EXISTING CURB, CURB AND GUTTER, DRIVEWAYS, AND SIDEWALK TO BE PROTECTED IN PLACE UNLESS NOTED ON PLANS
3. LOCATIONS OF CONCRETE REPLACEMENT ARE APPROXIMATE. FOR CURB AND GUTTER REPLACEMENT, CONTRACTOR SHALL SLOPE FLOW LINE TO MAINTAIN POSITIVE DRAINAGE BETWEEN CONFORM POINTS.
4. CONTRACTOR SHALL DOCUMENT ALL MANHOLE COVER AND BOX LOCATIONS PRIOR TO BEGINNING PAVING WORK. ALL COVERS MUST BE ADJACENT TO GRADE FOLLOWING PAVING.
5. UTILITY INFORMATION SHOWN ON PLANS IS BASED ON AVAILABLE RECORDS, INCLUDING THE CITY'S GIS DATA. UTILITY LOCATIONS WERE CORRELATED WITH VISIBLE UTILITY FEATURES. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO POSITIVELY LOCATE (POTHOLE) AND EXPOSE UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION AND PROTECT THEM FROM DAMAGE.
6. CONTRACTOR SHALL REPLACE LANDSCAPING IN KIND AND REESTABLISH IRRIGATION THAT IS DAMAGE DURING CONSTRUCTION.
7. PRESERVATION OF EXISTING MONUMENTS SHALL BE CONTRACTORS RESPONSIBILITY. CONTRACTOR SHALL NOTIFY ENGINEER OF ALL MONUMENTS THAT ARE DISTURBED BY CONSTRUCTION OPERATIONS. EXISTING MONUMENT COVERS SHALL BE ADJUSTED TO GRADE. MONUMENT WELLS INSTALLED BY THE CONTRACTOR SHALL CONFORM TO STD M-1.
8. 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.
9. EXISTING WALKWAYS ADJACENT TO PROPOSED SIDEWALK OR CURB AND GUTTER IMPROVEMENTS SHALL BE RESET OR REPAVED TO CONFORM TO THE NEW CONSTRUCTION BY THE CONTRACTOR WHERE REQUESTED BY THE ENGINEER.
10. UNLESS OTHERWISE SHOWN ON THE PLANS, PROPOSED SIDEWALK SHALL BE 5 FEET WIDE, MEASURED FROM FACE OF CURB AND SIDEWALK WIDTH TRANSITIONS SHALL OCCUR OVER 4 FEET.
11. TREES INDICATED FOR REMOVAL SHALL BE INSPECTED BY THE CITY DURING CONSTRUCTION TO DETERMINE IF PORTIONS OF THE ROOT SYSTEM CAN BE REMOVED TO ACCOMMODATE THE IMPROVEMENTS OR IF THE WHOLE TREE NEEDS TO BE REMOVED AND REPLACED.
12. PROPOSED CURB AND GUTTER SHALL CONFORM TO EXISTING AT LIMITS.
13. HOT MIX ASPHALT (HMA) SHALL CONFORM TO THE PROVISIONS IN SECTION 39, "HOT MIX ASPHALT," OF THE CALTRANS STANDARD SPECIFICATIONS. UNLESS STATED IN THE PROJECT SPECIFICATIONS OTHERWISE, THE CONSTRUCTION PROCESS SHALL BE METHOD; THE AGGREGATE GRADATION SHALL BE 1/2"; THE HMA TYPE SHALL BE TYPE "A" AND THE BINDER SHALL BE PG 70-10, CONTRACTOR SHALL TACK COAT ALL SURFACES TO RECEIVE HMA AND SHALL CONFORM TO THE CALTRANS.STANDARD SPECIFICATIONS SECTION 39, "HOT MIX ASPHALT".
14. SUBGRADE TO RECEIVE BASE, SUB-BASE OR ASPHALT CONCRETE SHALL HAVE THE VEGETATION REMOVED AND SHALL BE BLADED OR DISCED TO A DEPTH OF 6 INCHES. ALL ROCKS, HARD PAN OR OTHER UNSUITABLE SOLID MATERIAL OVER 2.5 INCHES IN DIMENSIONS SHALL BE REMOVED FROM THE JOB SITE. THE MATERIAL THAT HAS BEEN BLADED OR DISCED SHALL BE THOROUGHLY MIXED, WATERED AND ROLLED TO RELATIVE COMPACTION OF 95%. THE SURFACE OF THE COMPLETED SUBGRADE SHALL NOT VARY MORE THAN 0.005 FEET ABOVE OR BELOW THE PLANNED GRADE AT ANY POINT. NO AGGREGATE SUB-BASE, BASE OR ASPHALT CONCRETE SHALL BE PLACED ON THE SUBGRADE UNTIL IT HAS BEEN APPROVED BY THE ENGINEER. SEE CITY OF TURLOCK STANDARD SPECIFICATIONS, SECTION 12-4, TITLED "SUBGRADE".

## LEGEND:

- ASPHALT PAVEMENT (TI=7.0)
  6.0" HMA. FULL DEPTH AC OVER 6" RECOMPACTED BASE
  PREPARED PER SECTION 10.19 EARTHWORK IN THE TECHNICAL SPECIFICATIONS
- SIDEWALK CONCRETE
  3.5" PCC OVER 6" NATIVE MATERIAL
  PREPARED PER SECTION 10.19 EARTHWORK IN THE TECHNICAL SPECIFICATIONS
- DRIVEWAY CONCRETE
  5.5" PCC OVER 6" NATIVE MATERIAL
  PREPARED PER SECTION 10.19 EARTHWORK IN THE TECHNICAL SPECIFICATIONS
- EXISTING CONCRETE TO REMAIN
- TRUNCATED DOMES
  TRUNCATED DOMES COMPLYING WITH CBC 11B-705.

0' 10' 20' 40'
SCALE: 1"=20'

Know what's **below.**
**Call** before you dig.

NOTE:
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IMPROVEMENTS PLAN
COLUMBIA AVENUE IMPROVEMENTS - STATION 1+00 TO 13+14.51
CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

VERIFY SCALE
0 1"

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| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 09 |
| CH. BY: AKM | |
| DATE: 4/5/2024 | |
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| SEI PROJ NO: 22157 | 09 OF 49 |

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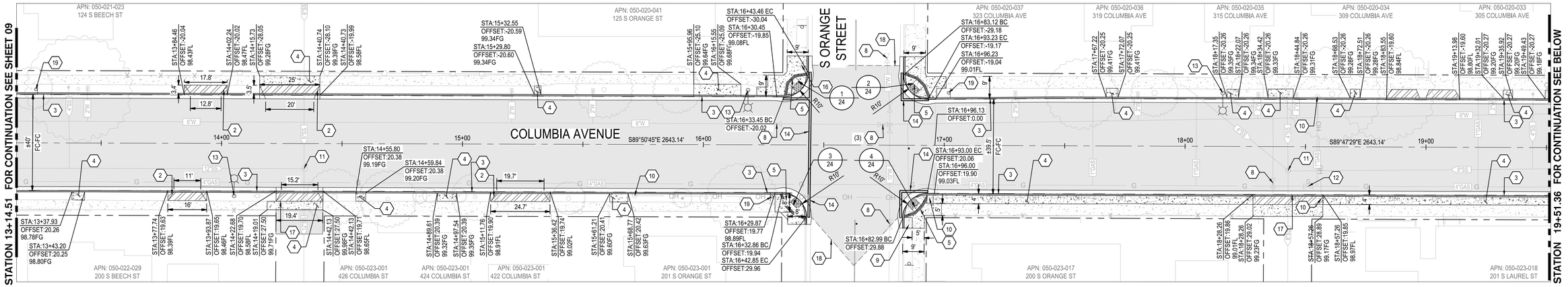
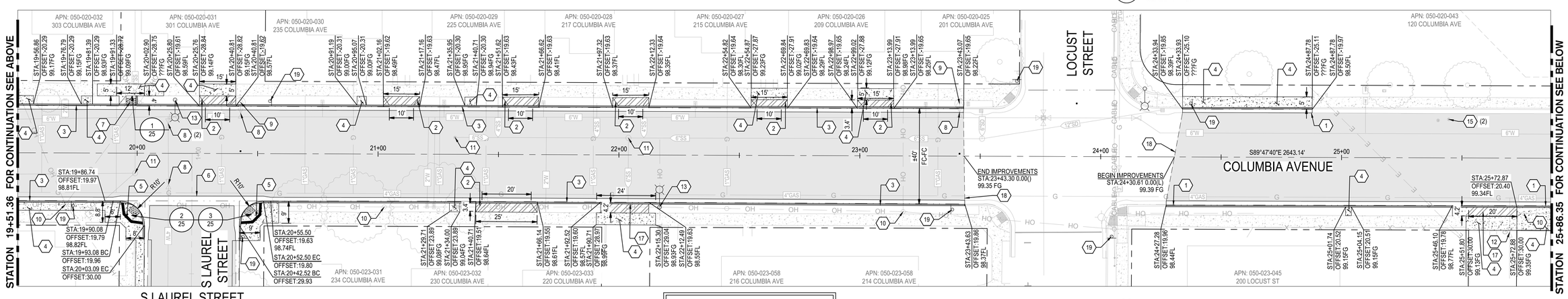


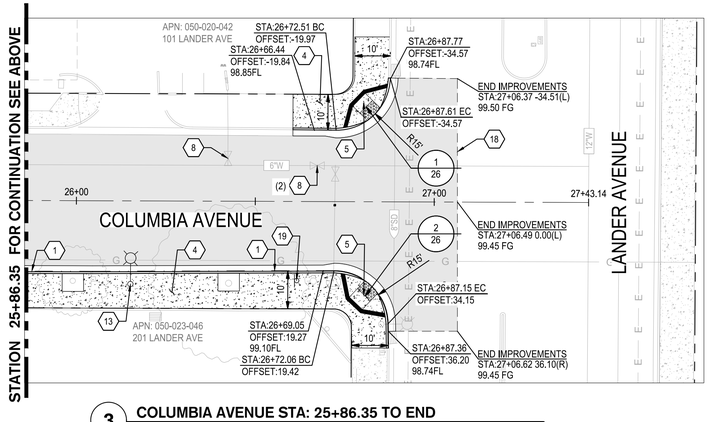

1 **COLUMBIA AVENUE STA: 13+14.51 TO 19+51.36**
SCALE: 1" = 20'




S LAUREL STREET
SEE SHEET 13

2 **COLUMBIA AVENUE STA: 19+51.36 TO 25+86.35**
SCALE: 1" = 20'

**NOTE:**
FOR LAYOUT NOTES, REFER TO SHEET 09




3 **COLUMBIA AVENUE STA: 25+86.35 TO END**
SCALE: 1" = 20'

## CONSTRUCTION KEYNOTES:

1. REMOVE AND RECONSTRUCT CONCRETE CURB & GUTTER PER CITY OF TURLOCK STD. C-1
2. REMOVE AND RECONSTRUCT CONCRETE DRIVEWAY APPROACH PER CITY OF TURLOCK STD. C-5
3. REMOVE CURB AND CONSTRUCT CONCRETE CURB & GUTTER PER CITY OF TURLOCK STD. C-1
4. REMOVE AND CONSTRUCT SIDEWALK PER CITY OF TURLOCK STD. C-3
5. REMOVE AND CONSTRUCT CURB RAMP PER CITY OF TURLOCK STD. C-10
6. CONSTRUCT CONCRETE VALLEY GUTTER APPROACH PER CITY OF TURLOCK STD. C-1
7. CONSTRUCT MODIFIED CASE G CURB RAMP PER CALTRANS DETAIL A88A
8. ADJUST EXISTING WATER VALVE TO GRADE
9. PROTECT IN PLACE EXISTING FIRE HYDRANT
10. PROTECT IN PLACE EXISTING POWER/LIGHT POLE
11. ADJUST EXISTING SANITARY SEWER MANHOLE TO GRADE
12. ADJUST EXISTING NATURAL GAS VALVE TO GRADE
13. STREET LIGHT TO BE INSTALLED (NOT PART OF SCOPE)
14. REMOVE AND DISPOSE EXISTING STORM DRAIN UNDER DRAIN
15. ADJUST EXISTING MONITORING WELLS TO GRADE
16. REMOVE AND REINSTALL EXISTING SING AND POST. FOR LOCATION SEE SHEET 15.
17. REMOVE AND RECONSTRUCT CONCRETE ALLEY APPROACH PER CITY OF TURLOCK STD. C-7
18. CONFORM TO EXISTING PAVEMENT. SEE DETAIL 2 ON SHEET 19.
19. INSTALL STREET SIGN & POST. SEE SIGNING AND STRIPING PLANS. FOR MORE DETAILS.

## LEGEND:

- ASPHALT PAVEMENT (TI=7.0)
  6.0" HMA. FULL DEPTH AC OVER 6" RECOMPACTED BASE
  PREPARED PER SECTION 10.19 EARTHWORK IN THE TECHNICAL SPECIFICATIONS
- SIDEWALK CONCRETE
  3.5" PCC OVER 6" NATIVE MATERIAL
  PREPARED PER SECTION 10.19 EARTHWORK IN THE TECHNICAL SPECIFICATIONS
- DRIVEWAY CONCRETE
  5.5" PCC OVER 6" NATIVE MATERIAL
  PREPARED PER SECTION 10.19 EARTHWORK IN THE TECHNICAL SPECIFICATIONS
- EXISTING CONCRETE TO REMAIN
- TRUNCATED DOMES
  TRUNCATED DOMES COMPLYING WITH CBC 11B-705.

0' 10' 20' 40'
SCALE: 1"=20'

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REGISTERED PROFESSIONAL ENGINEER ADAM K. MERRILL No. 76826 Exp. 12/31/24 CIVIL STATE OF CALIFORNIA
DATE SIGNED: 04/05/24

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IMPROVEMENTS PLAN
COLUMBIA AVENUE IMPROVEMENTS - STATION 13+14.51 TO END
CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

VERIFY SCALE 0 1"

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| DATE: 4/5/2024 | |
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| SEI PROJ NO: 22157 | 10 OF 49 |

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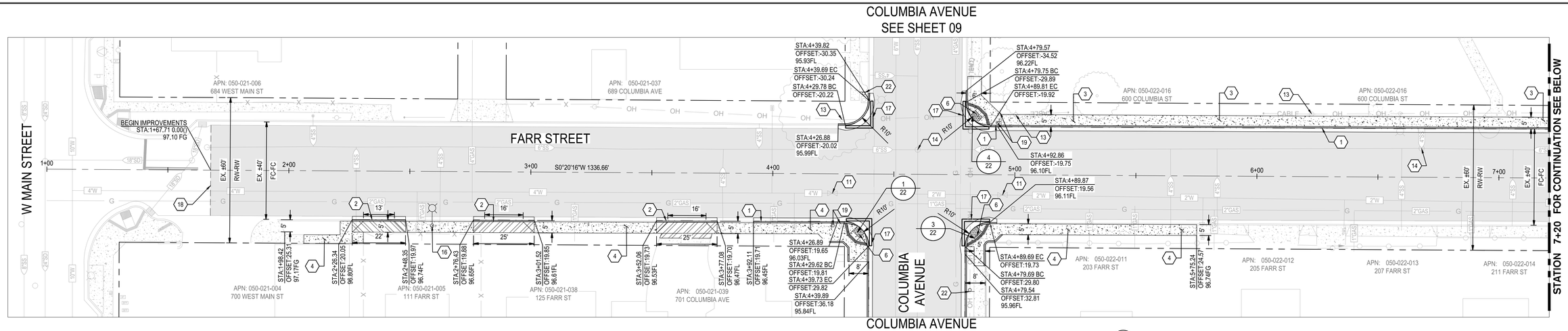
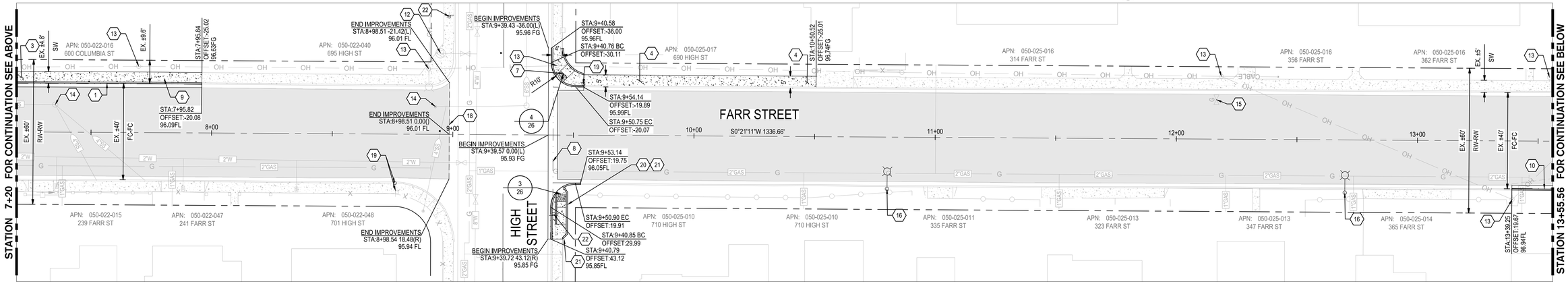
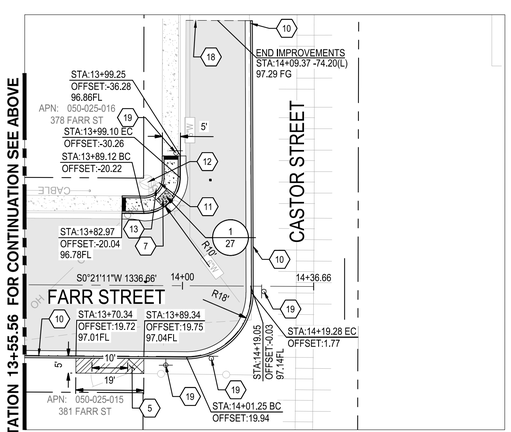



1 **FARR STREET STA: 1+00 TO 7+20**
SCALE: 1" = 20'




2 **FARR STREET STA: 7+20 TO 13+55.56**
SCALE: 1" = 20'




2 **FARR STREET STA: 13+55.56 TO END**
SCALE: 1" = 20'

**NOTE:**
FOR LAYOUT NOTES, REFER TO SHEET 09

## CONSTRUCTION KEYNOTES:

1. REMOVE AND RECONSTRUCT CONCRETE CURB & GUTTER PER CITY OF TURLOCK STD. C-1
2. REMOVE AND RECONSTRUCT CONCRETE DRIVEWAY APPROACH PER CITY OF TURLOCK STD. C-5
3. REMOVE AND CONSTRUCT SIDEWALK PER CITY OF TURLOCK STD. C-3
4. CONSTRUCT SIDEWALK PER CITY OF TURLOCK STD. C-3
5. CONSTRUCT CONCRETE DRIVEWAY APPROACH PER CITY OF TURLOCK STD. C-5
6. REMOVE AND CONSTRUCT CURB RAMP PER CITY OF TURLOCK STD. C-10
7. CONSTRUCT CURB RAMP PER CITY OF TURLOCK STD. C-12
8. CONSTRUCT CONCRETE VALLEY GUTTER APPROACH PER CITY OF TURLOCK STD. C-1
9. REMOVE EXISTING DRIVEWAY AND CONSTRUCT SIDEWALK PER CITY OF TURLOCK STD. C-3
10. CONSTRUCT CONCRETE CURB & GUTTER PER CITY OF TURLOCK STD. C-1
11. ADJUST EXISTING WATER VALVE TO GRADE
12. PROTECT IN PLACE EXISTING FIRE HYDRANT
13. PROTECT IN PLACE EXISTING POWER/LIGHT POLE
14. ADJUST EXISTING SANITARY SEWER MANHOLE TO GRADE
15. ADJUST EXISTING NATURAL GAS VALVE TO GRADE
16. STREET LIGHT TO BE INSTALLED (NOT PART OF SCOPE)
17. REMOVE AND DISPOSE EXISTING STORM DRAIN UNDER DRAIN
18. CONFORM TO EXISTING PAVEMENT. SEE DETAIL 2 ON SHEET 19.
19. REMOVE AND REINSTALL EXISTING SING AND POST. FOR LOCATION SEE SHEET 16.
20. REMOVE AND RECONSTRUCT MODIFIED CASE "F" CURB RAMP PER CALTRANS A88A.
21. REMOVE EXISTING CONCRETE WALL AS NEEDED TO RECONSTRUCT MODIFIED CASE "F" CURB RAMP. UPON COMPLETION OF IMPROVEMENTS, CONTRACTOR SHALL REPLACE WALL IN KIND.
22. INSTALL STREET SIGN AND POST. SEE SIGNING AND STRIPING PLANS FOR MORE DETAILS.

## LANDSCAPE / IRRIGATION PROTECTION NOTES

1. CONTRACTOR SHALL VERIFY ANY IRRIGATION FACILITIES TO BE DISRUPTED IN LANDSCAPED DEMOLITION AREAS.
2. CONTRACTOR TO ADJUST EXISTING IRRIGATION FACILITIES AS NECESSARY TO THE SATISFACTION OF THE CITY ENGINEER.
3. CONTRACTOR TO VERIFY ANY IRRIGATION FACILITIES TO BE DISRUPTED IN LANDSCAPED DEMOLITION AREAS.
   EXISTING IRRIGATION FACILITIES SHALL BE CUT BACK AND MODIFIED TO ACCOMMODATE PROPOSED IMPROVEMENTS, AND SERVE LANDSCAPE AREAS TO REMAIN.

## LEGEND:

- ASPHALT PAVEMENT (TI=7.0)
  6.0" HMA. FULL DEPTH AC OVER 6" RECOMPACTED BASE
  PREPARED PER SECTION 10.19 EARTHWORK IN THE TECHNICAL SPECIFICATIONS
- SIDEWALK CONCRETE
  3.5" PCC OVER 6" NATIVE MATERIAL
  PREPARED PER SECTION 10.19 EARTHWORK IN THE TECHNICAL SPECIFICATIONS
- DRIVEWAY CONCRETE
  5.5" PCC OVER 6" NATIVE MATERIAL
  PREPARED PER SECTION 10.19 EARTHWORK IN THE TECHNICAL SPECIFICATIONS
- EXISTING CONCRETE TO REMAIN
- TRUNCATED DOMES
  TRUNCATED DOMES COMPLYING WITH CBC 11B-705.

0' 10' 20' 40'
SCALE: 1"=20'

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IMPROVEMENTS PLAN
FARR STREET IMPROVEMENTS
CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

VERIFY SCALE 0 1"

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| DATE: 4/5/2024 | |
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| SEI PROJ NO: 22157 | 11 OF 49 |

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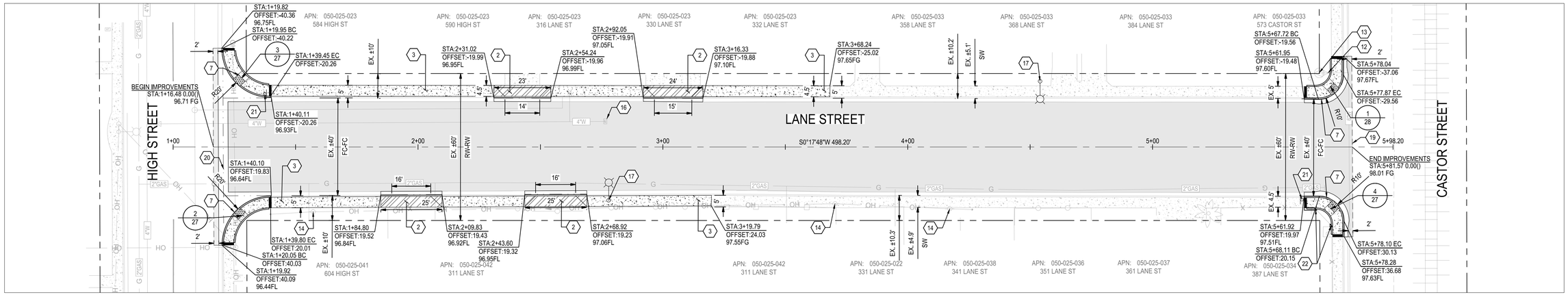
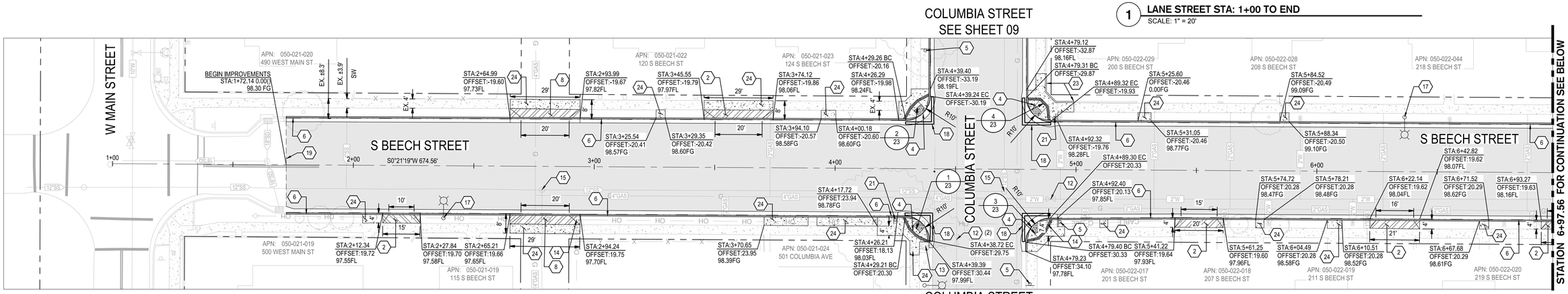
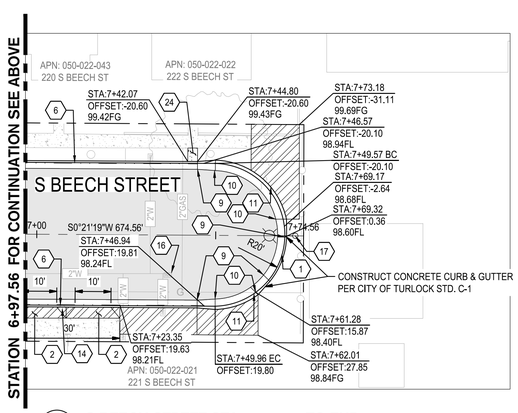



1 **LANE STREET STA: 1+00 TO END**
SCALE: 1" = 20'




2 **S BEECH STREET STA: 1+00 TO 6+97.56**
SCALE: 1" = 20'

**NOTE:**
FOR LAYOUT NOTES, REFER TO SHEET 09




3 **S BEECH STREET STA: 6+97.56 TO END**
SCALE: 1" = 20'

## CONSTRUCTION KEYNOTES:

1. REMOVE AND RECONSTRUCT CONCRETE CURB & GUTTER PER CITY OF TURLOCK STD. C-1
2. REMOVE AND RECONSTRUCT CONCRETE DRIVEWAY APPROACH PER CITY OF TURLOCK STD. C-5
3. CONSTRUCT SIDEWALK PER CITY OF TURLOCK STD. C-3
4. REMOVE AND RECONSTRUCT CURB RAMP PER CITY OF TURLOCK STD. C-10
5. INSTALL STREET SIGN AND POST. SEE SIGNING AND STRIPING PLANS FOR MORE DETAILS.
6. REMOVE EXISTING CURB AND CONSTRUCT CONCRETE CURB & GUTTER PER CITY OF TURLOCK STD. C-1
7. CONSTRUCT CURB RAMP PER CITY OF TURLOCK STD. C-12
8. REMOVE AND RECONSTRUCT CONCRETE ALLEY APPROACH PER CITY OF TURLOCK STD. C-7
9. BEGIN TRANSITION FOR CONCRETE ROLLED CURB PER DETAIL 1 ON SHEET 19.
10. END TRANSITION FOR CONCRETE ROLLED CURB PER DETAIL 1 ON SHEET 19.
11. CONSTRUCT CONCRETE ROLLED CURB AND GUTTER PER DETAIL 1 ON SHEET 19.
12. ADJUST EXISTING WATER VALVE TO GRADE
13. PROTECT IN PLACE EXISTING FIRE HYDRANT
14. PROTECT IN PLACE EXISTING POWER/LIGHT POLE
15. ADJUST EXISTING SANITARY SEWER MANHOLE TO GRADE
16. ADJUST EXISTING WATER BLOW-OFF TO GRADE
17. STREET LIGHT TO BE INSTALLED (NOT PART OF SCOPE)
18. REMOVE AND DISPOSE EXISTING STORM DRAIN UNDER DRAIN
19. CONFORM TO EXISTING PAVEMENT. SEE DETAIL 2 ON SHEET 19.
20. REMOVE AND RECONSTRUCT CONCRETE VALLEY GUTTER APPROACH PER CITY OF TURLOCK STD. C-1
21. REMOVE AND REINSTALL EXISTING SING AND POST. FOR LOCATION SEE SHEET 17.
22. REMOVE AND REPLACE IN KIND EXISTING WOOD FENCE. RELOCATION OF WOODEN FENCE SHALL BE BEHIND CURB RAMP IMPROVEMENTS.
23. REMOVE AND REPLACE IN KIND ±21.5 LF OF EXISTING 8" HIGH CONCRETE CURB. INSTALLATION OF 8" HIGH CONCRETE CURB SHALL BE BEHIND CURB RAMP CONCRETE IMPROVEMENTS. SEE CITY OF TURLOCK VERTICAL CURB DETAIL STD. C-1..
24. REMOVE AND RECONSTRUCT SIDEWALK PER CITY OF TURLOCK STD. C-3

## LANDSCAPE / IRRIGATION PROTECTION NOTES

1. CONTRACTOR SHALL VERIFY ANY IRRIGATION FACILITIES TO BE DISRUPTED IN LANDSCAPED DEMOLITION AREAS.
2. CONTRACTOR TO ADJUST EXISTING IRRIGATION FACILITIES AS NECESSARY TO THE SATISFACTION OF THE CITY ENGINEER.
3. CONTRACTOR TO VERIFY ANY IRRIGATION FACILITIES TO BE DISRUPTED IN LANDSCAPED DEMOLITION AREAS. EXISTING IRRIGATION FACILITIES SHALL BE CUT BACK AND MODIFIED TO ACCOMMODATE PROPOSED IMPROVEMENTS, AND SERVE LANDSCAPE AREAS TO REMAIN.

## LEGEND:

ASPHALT PAVEMENT (TI=7.0)
6.0" HMA. FULL DEPTH AC OVER 6" RECOMPACTED BASE
PREPARED PER SECTION 10.19 EARTHWORK IN THE TECHNICAL SPECIFICATIONS

SIDEWALK CONCRETE
3.5" PCC OVER 6" NATIVE MATERIAL
PREPARED PER SECTION 10.19 EARTHWORK IN THE TECHNICAL SPECIFICATIONS

DRIVEWAY CONCRETE
5.5" PCC OVER 6" NATIVE MATERIAL
PREPARED PER SECTION 10.19 EARTHWORK IN THE TECHNICAL SPECIFICATIONS

EXISTING CONCRETE TO REMAIN

TRUNCATED DOMES
TRUNCATED DOMES COMPLYING WITH CBC 11B-705.

0' 10' 20' 40'
SCALE: 1"=20'

811 Know what's **below.** **Call** before you dig.

NOTE:
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REGISTERED PROFESSIONAL ENGINEER
ADAM K. MERRILL
No. 76826
Exp. 12/31/24
CIVIL
STATE OF CALIFORNIA
DATE SIGNED: 04/05/24

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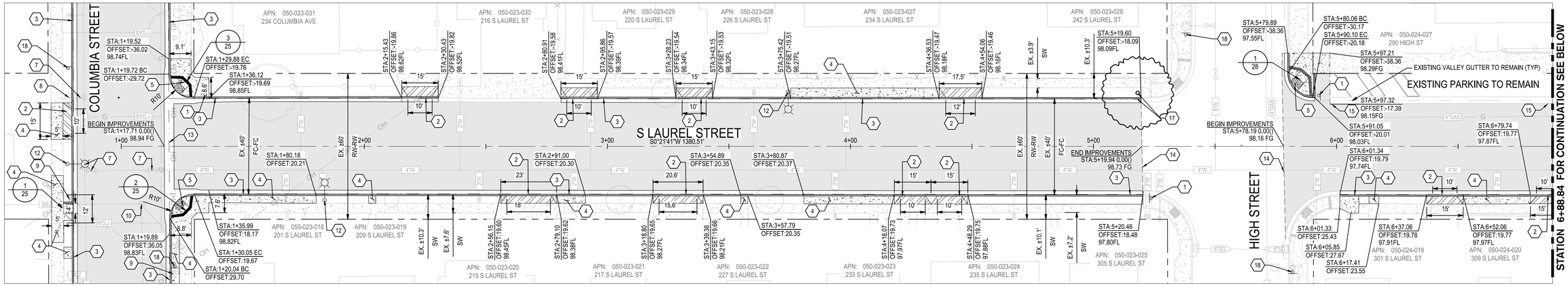
IMPROVEMENTS PLAN
LANE STREET & S. BEECH STREET IMPROVEMENTS
CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

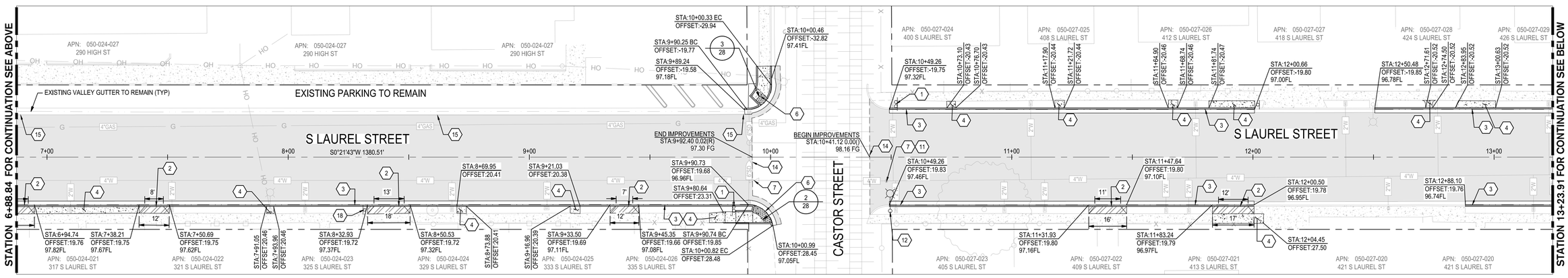
VERIFY SCALE 0 1"

| | |
|---|---|
| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 12 |
| CH. BY: AKM | |
| DATE: 4/5/2024 | |
| SCALE: SEE SHEET | SHEET: |
| SEI PROJ NO: 22157 | 12 OF 49 |

FILE: F:\22projects\22157 city of turlock road cip\plans and graphics\improvement plans\22157 C-11 LANE STREET & BEECH STREET IMPROVEMENTS PLAN.dwg
DATE & TIME PLOTTED: 4/05/24 11:06 AM

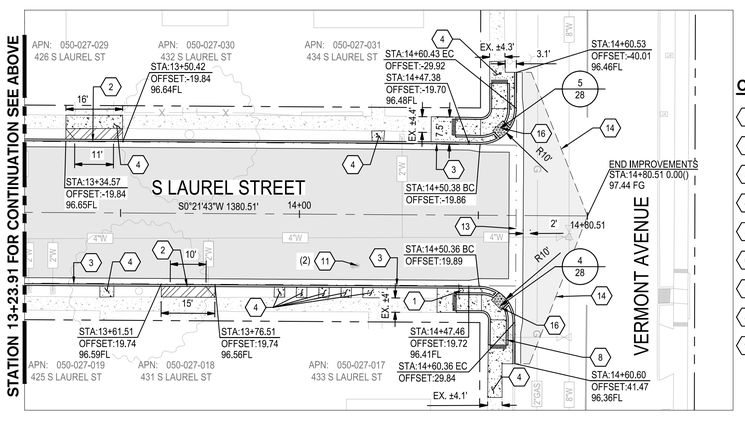



1 **S LAUREL STREET STA: 1+00 TO 6+88.84**
SCALE: 1" = 20'




2 **S LAUREL STREET STA: 6+88.84 TO 13+23.91**
SCALE: 1" = 20'

**NOTE:**
FOR LAYOUT NOTES, REFER TO SHEET 09




3 **S LAUREL STREET STA: 13+23.91 TO END**
SCALE: 1" = 20'

## CONSTRUCTION KEYNOTES:

1. REMOVE AND REINSTALL EXISTING SING AND POST. FOR LOCATION SEE SHEET 18.
2. REMOVE AND RECONSTRUCT CONCRETE DRIVEWAY APPROACH PER CITY OF TURLOCK STD. C-5
3. REMOVE EXISTING CURB AND CONSTRUCT CONCRETE CURB & GUTTER PER CITY OF TURLOCK STD. C-1
4. REMOVE AND CONSTRUCT SIDEWALK PER CITY OF TURLOCK STD. C-3
5. REMOVE AND CONSTRUCT CURB RAMP PER CITY OF TURLOCK STD. C-10
6. CONSTRUCT MODIFIED CASE G CALTRANS RAMP PER DETAIL A88A
7. ADJUST EXISTING WATER VALVE TO GRADE
8. PROTECT IN PLACE EXISTING FIRE HYDRANT
9. PROTECT IN PLACE EXISTING POWER/LIGHT POLE
10. ADJUST EXISTING SANITARY SEWER MANHOLE TO GRADE
11. PROTECT EXISTING MONITORING WATER WELLS IN PLACE
12. STREET LIGHT TO BE INSTALLED (NOT PART OF SCOPE)
13. CONSTRUCT CONCRETE VALLEY GUTTER APPROACH PER CITY OF TURLOCK STD. C-1
14. CONFORM TO EXISTING PAVEMENT. SEE DETAIL 2 ON SHEET 19.
15. ASPHALT PAVEMENT SHALL MATCH EXISTING CONCRETE GRADE
16. REMOVE AND CONSTRUCT CURB RAMP PER CITY OF TURLOCK STD. C-12
17. REMOVE EXISTING CURB AND CONSTRUCT CONCRETE CURB & GUTTER PER CITY OF TURLOCK STD. C-1. CONTRACTOR SHALL MODIFY THE CURB AND GUTTER IN FRONT OF TREE. FOR MODIFIED CURB & GUTTER SEE DETAIL 4 ON SHEET 19.
18. INSTALL STREET SIGN AND POST. SEE SIGNING AND STRIPING PLANS FOR MORE DETAILS.

## LEGEND:

- ASPHALT PAVEMENT (TI=7.0)
  6.0" HMA. FULL DEPTH AC OVER 6" RECOMPACTED BASE
  PREPARED PER SECTION 10.19 EARTHWORK IN THE TECHNICAL SPECIFICATIONS
- SIDEWALK CONCRETE
  3.5" PCC OVER 6" NATIVE MATERIAL
  PREPARED PER SECTION 10.19 EARTHWORK IN THE TECHNICAL SPECIFICATIONS
- DRIVEWAY CONCRETE
  5.5" PCC OVER 6" NATIVE MATERIAL
  PREPARED PER SECTION 10.19 EARTHWORK IN THE TECHNICAL SPECIFICATIONS
- EXISTING CONCRETE TO REMAIN
- TRUNCATED DOMES
  TRUNCATED DOMES COMPLYING WITH CBC 11B-705.

0' 10' 20' 40'
SCALE: 1"=20'

811 Know what's below. Call before you dig.

NOTE:
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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DATE SIGNED: 04/05/24

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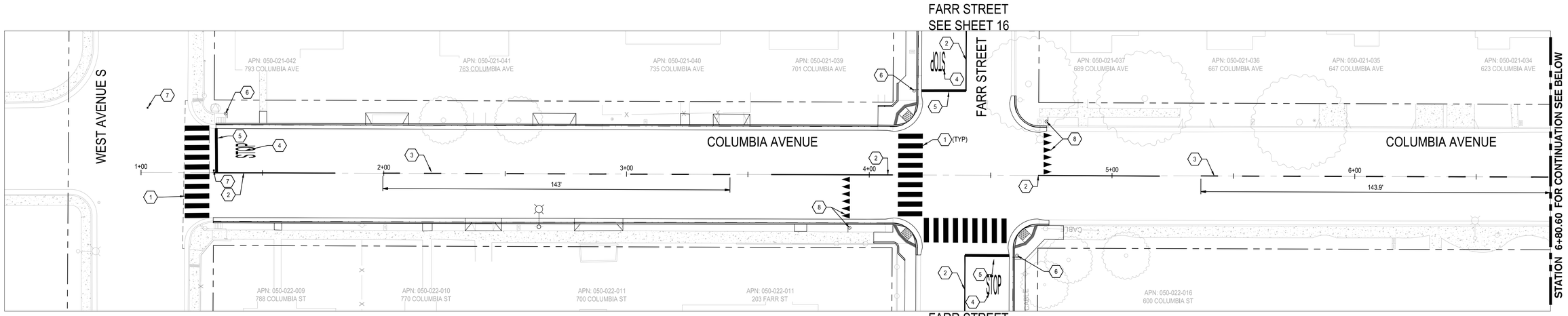
IMPROVEMENTS PLAN
S. LAUREL STREET IMPROVEMENTS
CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

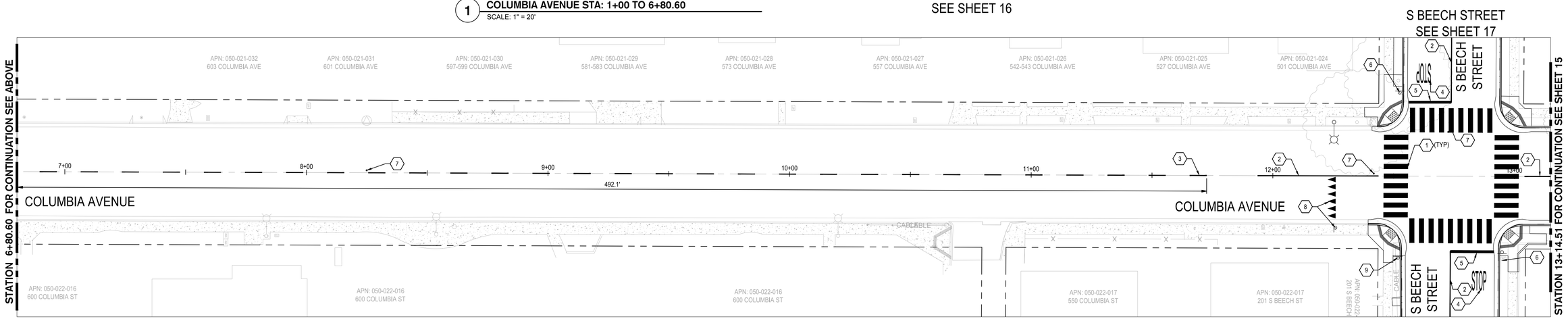
VERIFY SCALE 0 1"

| | |
|---|---|
| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 13 |
| CH. BY: AKM | |
| DATE: 4/5/2024 | |
| SCALE: SEE SHEET | SHEET: |
| SEI PROJ NO: 22157 | 13 OF 49 |

FILE: F:\22projects\22157 city of turlock road cip\plans and graphics\improvement plans\22157 C-12 LAUREL STREET IMPROVEMENTS PLAN.dwg
DATE & TIME PLOTTED: 4/05/24 11:06 AM




1 **COLUMBIA AVENUE STA: 1+00 TO 6+80.60**
SCALE: 1" = 20'




2 **COLUMBIA AVENUE STA: 6+80.60 TO 13+14.51**
SCALE: 1" = 20'

**SIGNING AND STRIPING NOTES:**

PROTECT IN PLACE ALL EXISTING SIGNS UNLESS NOTED OTHERWISE ON PLAN.

**CONSTRUCTION KEYNOTES:**

1. INSTALL CROSSWALK PER CITY OF TURLOCK STD. C-17
2. INSTALL 50 LF OF DETAIL 22 TRAFFIC LINES PER CALTRANS STANDARD DETAIL A20A
3. INSTALL DETAIL 2 TRAFFIC LINES PER CALTRANS STANDARD DETAIL A20A
4. INSTALL "STOP" MARKING PER CALTRANS STANDARD DETAIL A24D
5. INSTALL LIMIT STOP LINE MARKING FROM CENTERLINE TO LIP OF GUTTER PER CALTRANS STANDARD DETAIL A20G
6. REINSTALL EXISTING POST AND R1-1 SIGN PANEL PER CA MUTCD FIGURE 2B-1.
   INSTALL STREET NAME SIGN PANELS ON POST PER CITY STANDARD DETAIL ST-10 THRU ST-12.
7. INSTALL BLUE REFLECTIVE HYDRANT MARKER PER CITY OF TURLOCK STD. W-3.
8. INSTALL YIELD PAVEMENT MARKINGS AND R1-5 SIGNAGE PER CA MUTCD FIGURE 3B-17.
9. INSTALL POST AND W14-1 SIGN PANEL PER CA MUTCD.

0' 10' 20' 40'
SCALE: 1"=20'

811 Know what's below. Call before you dig.

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SIGNING AND STRIPING PLAN
COLUMBIA AVENUE SIGNING & STRIPING - STATION 1+00 TO 13+14.51
CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

VERIFY SCALE 0 1"

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| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 14 |
| CH. BY: AKM | |
| DATE: 4/2/2024 | |
| SCALE: SEE SHEET | SHEET: |
| SEI PROJ NO: 22157 | 14 OF 49 |

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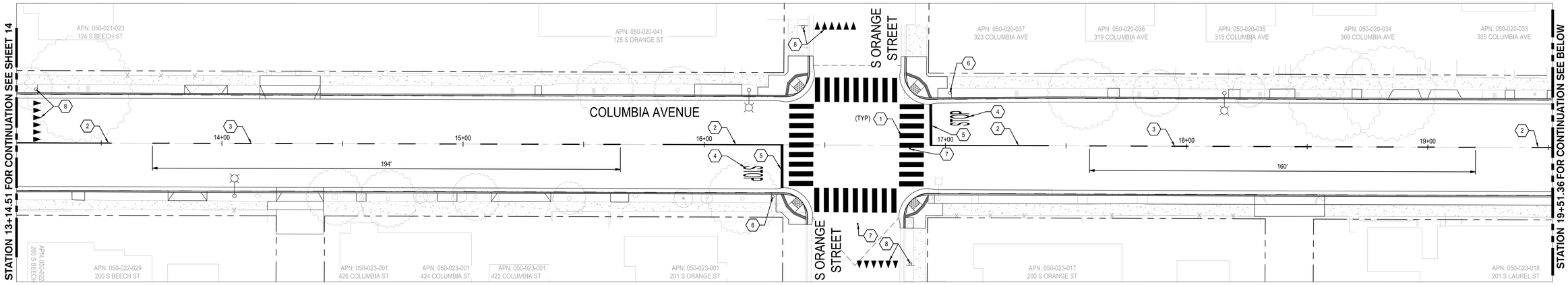
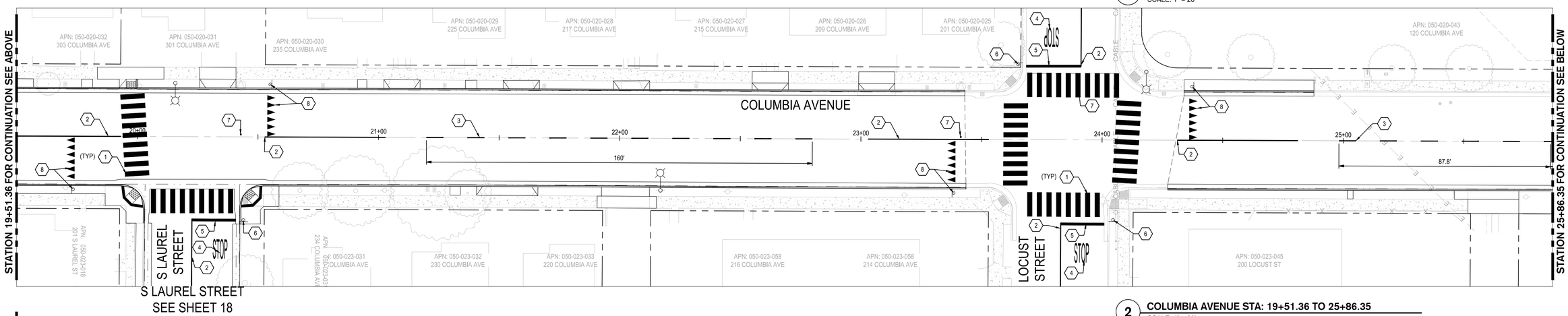
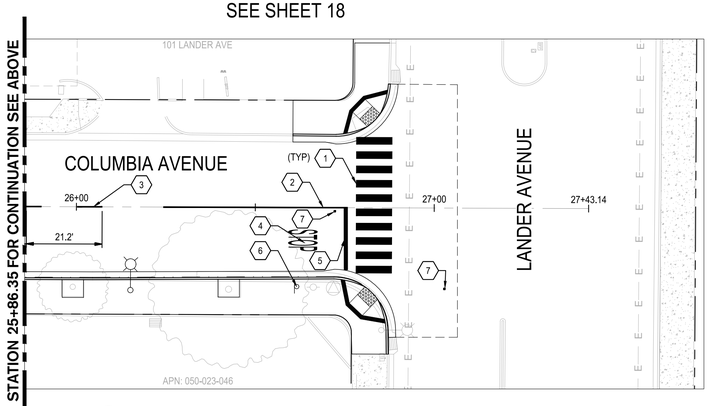
DATE & TIME PLOTTED: 4/02/24 3:16 PM




1 **COLUMBIA AVENUE STA: 13+14.51 TO 19+51.36**
SCALE: 1" = 20'




2 **COLUMBIA AVENUE STA: 19+51.36 TO 25+86.35**
SCALE: 1" = 20'




3 **COLUMBIA AVENUE STA: 25+86.35 TO END**
SCALE: 1" = 20'

## CONSTRUCTION KEYNOTES:

1. INSTALL CROSSWALK PER CITY OF TURLOCK STD. C-17.
2. INSTALL 50 LF OF DETAIL 22 TRAFFIC LINES PER CALTRANS STANDARD DETAIL A20A.
3. INSTALL DETAIL 2 TRAFFIC LINES PER CALTRANS STANDARD DETAIL A20A.
4. INSTALL "STOP" MARKING PER CALTRANS STANDARD DETAIL A20D.
5. INSTALL LIMIT STOP LINE MARKING FROM CENTERLINE TO LIP OF GUTTER PER CALTRANS STANDARD DETAIL A20G.
6. INSTALL POST AND R1-1 SIGN PANEL PER CA MUTCD FIGURE 2B-1.
   INSTALL STREET NAME SIGN PANELS ON POST PER CITY STANDARD DETAIL ST-10 THRU ST-12.
7. INSTALL BLUE REFLECTIVE HYDRANT MARKER PER CITY OF TURLOCK STD. W-3.
8. INSTALL YIELD PAVEMENT MARKINGS AND R1-5 SIGNAGE PER CA MUTCD FIGURE 3B-17.

0' 10' 20' 40'
SCALE: 1"=20'

811 Know what's **below.** **Call** before you dig.

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SIGNING AND STRIPING PLAN
COLUMBIA AVENUE SIGNING & STRIPING - STATION 13+14.51 TO END
CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

VERIFY SCALE 0 1"

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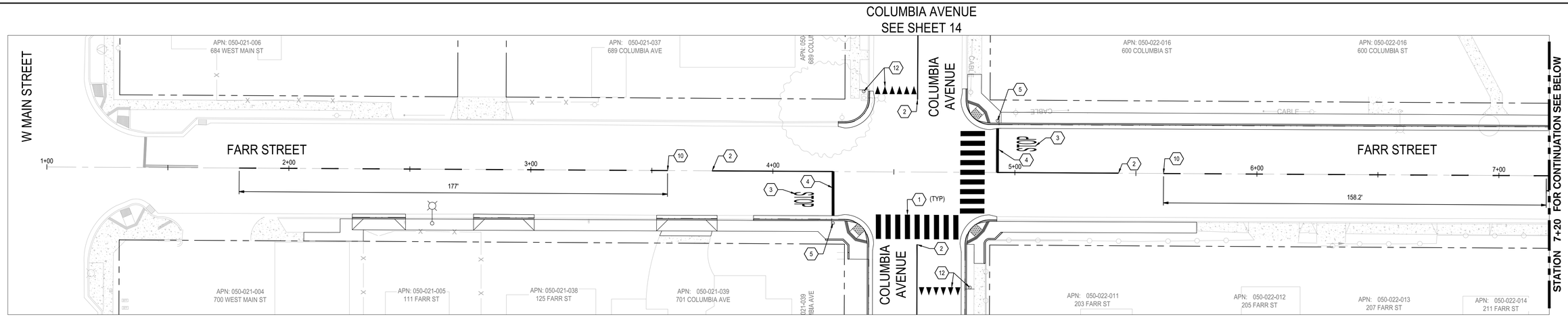
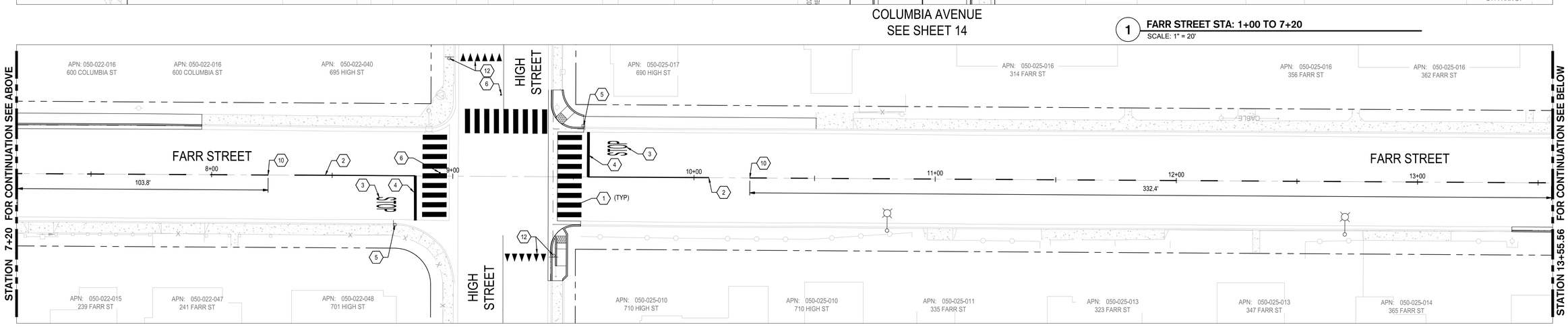
| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 15 |
| CH. BY: AKM | |
| DATE: 4/2/2024 | |
| SCALE: SEE SHEET | SHEET: |
| SEI PROJ NO: 22157 | 15 OF 49 |

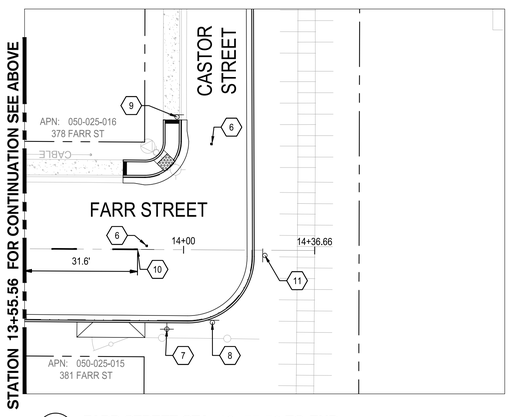
FILE: F:\22projects\22157 City of Turlock Road CIP\Plans and Graphics\Improvement Plans\22157 C-13 COLUMBIA AVE STRIPING PLAN.dwg
DATE & TIME PLOTTED: 4/02/24 3:16 PM




1 **FARR STREET STA: 1+00 TO 7+20**
SCALE: 1" = 20'




2 **FARR STREET STA: 7+20 TO 13+55.56**
SCALE: 1" = 20'




2 **FARR STREET STA: 13+55.56 TO END**
SCALE: 1" = 20'

## CONSTRUCTION KEYNOTES:

1. INSTALL CROSSWALK PER CITY OF TURLOCK STD. C-17
2. INSTALL 50 LF OF DETAIL 22 TRAFFIC LINES PER CALTRANS STANDARD DETAIL A20A
3. INSTALL "STOP" MARKING PER CALTRANS STANDARD DETAIL A20D
4. INSTALL LIMIT STOP LINE MARKING FROM CENTERLINE TO LIP OF GUTTER PER CALTRANS STANDARD DETAIL A20G
5. REINSTALL EXISTING POST AND R1-1 SIGN PANEL PER CA MUTCD FIGURE 2B-1. INSTALL STREET NAME SIGN PANELS ON POST PER CITY STANDARD DETAIL ST-10 THRU ST-12.
6. INSTALL BLUE REFLECTIVE HYDRANT MARKER PER CITY OF TURLOCK STD. W-3.
7. INSTALL POST AND W1-1(L) SIGN PANEL PER CA MUTCD FIGURE 2C-1. INSTALL STREET NAME SIGN PANELS ON POST PER CITY STANDARD DETAIL ST-10 THRU ST-12.
8. INSTALL POST AND W1-6(R) SIGN PANEL PER CA MUTCD FIGURE 2C-1. INSTALL STREET NAME SIGN PANELS ON POST PER CITY STANDARD DETAIL ST-10 THRU ST-12.
9. INSTALL POST AND W1-1(R) SIGN PANEL PER CA MUTCD FIGURE 2C-1. INSTALL STREET NAME SIGN PANELS ON POST PER CITY STANDARD DETAIL ST-10 THRU ST-12.
10. INSTALL DETAIL 2 TRAFFIC LINES PER CALTRANS STANDARD DETAIL A20A
11. INSTALL POST AND W1-6(L) SIGN PANEL PER CA MUTCD FIGURE 2C-1. INSTALL STREET NAME SIGN PANELS ON POST PER CITY STANDARD DETAIL ST-10 THRU ST-12.
12. INSTALL YIELD PAVEMENT MARKINGS AND R1-5 SIGNAGE PER CA MUTCD FIGURE 3B-17.

0' 10' 20' 40'
SCALE: 1"=20'

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SIGNING AND STRIPING PLAN
FARR STREET SIGNING & STRIPING
CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

VERIFY SCALE 0 1"

| | |
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| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 16 |
| CH. BY: AKM | |
| DATE: 4/2/2024 | |
| SCALE: SEE SHEET | SHEET: |
| SEI PROJ NO: 22157 | 16 OF 49 |

FILE: F:\22projects\22157 City of Turlock Road CIP\Plans and Graphics\Improvement Plans\22157 C-15 FARR STREET SIGNING AND STRIPING PLAN.dwg
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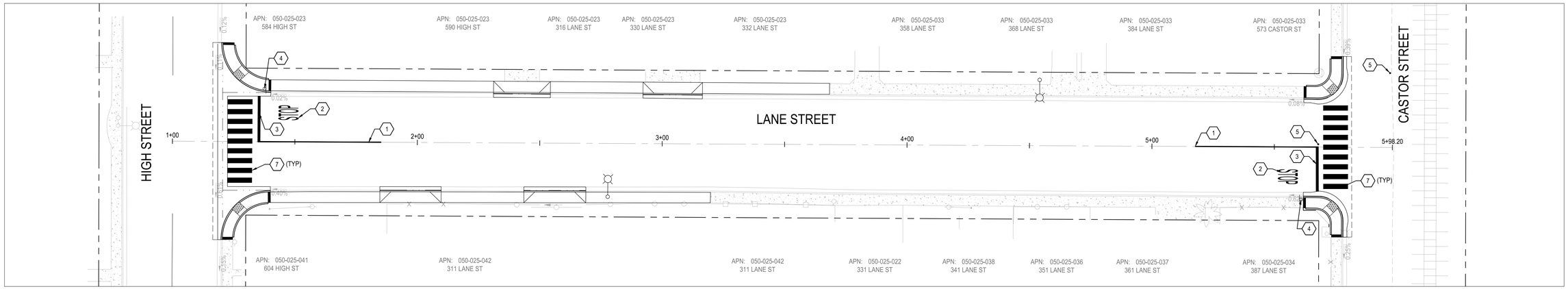
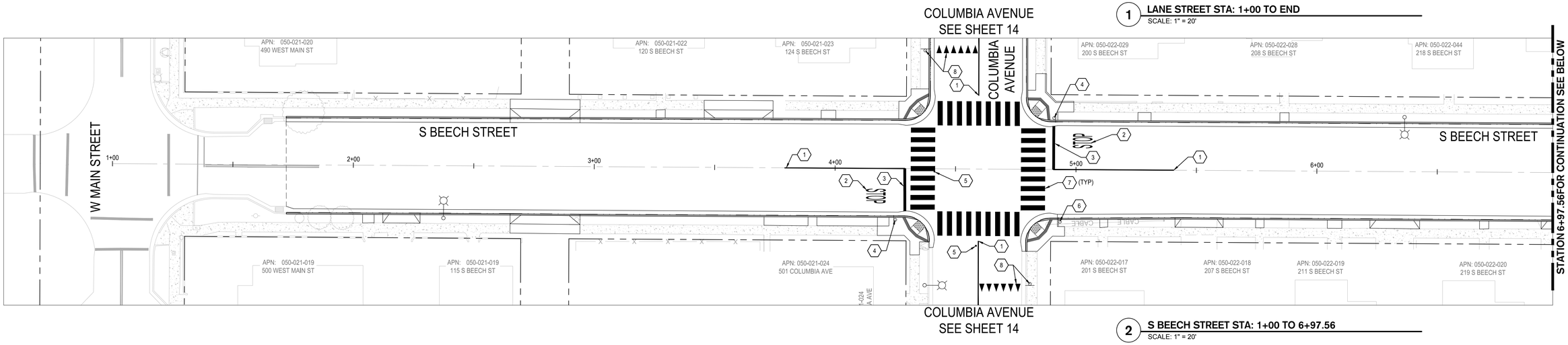
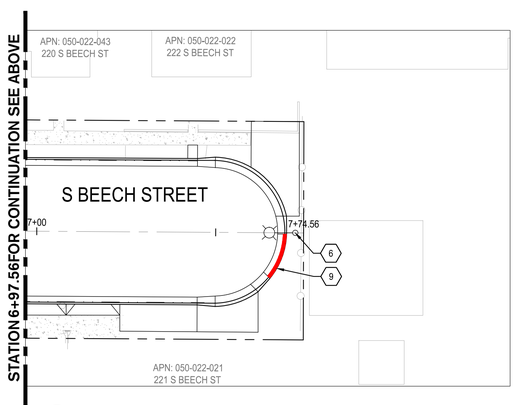


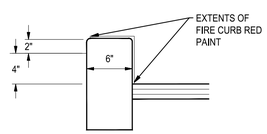

1 **LANE STREET STA: 1+00 TO END**
SCALE: 1" = 20'



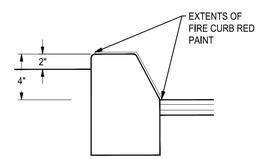

2 **S BEECH STREET STA: 1+00 TO 6+97.56**
SCALE: 1" = 20'




3 **S BEECH STREET STA: 6+97.56 TO END**
SCALE: 1" = 20'




STRAIGHT CURB




MOUNTABLE FACE CURB


A. CURB/PAVEMENT LETTERING

ALL RAISED CURBS IN "NO PARKING" AREAS SHALL BE PAINTED RED WITH ACCEPTABLE RED CURB/PAVEMENT PAINT AND LETTERED TO THE ABOVE STANDARD. LETTERING SHALL BE 3" HIGH (MIN), WHITE AND HAVE A 3/4" STROKE. MARKINGS TO BE LOCATED EVERY 25'-0", PER CFC 503.1. PAVEMENT MARKING DIRECT TO PAVEMENT AS INDICATED ON PLANS.

- **FIRE LANE CURB / PAVEMENT MARKING**
NO SCALE

## CONSTRUCTION KEYNOTES:

1. INSTALL 50 LF OF DETAIL 22 TRAFFIC LINES PER CALTRANS STANDARD DETAIL A20A
2. INSTALL "STOP" MARKING PER CALTRANS STANDARD DETAIL A20D
3. INSTALL LIMIT STOP LINE MARKING FROM CENTERLINE TO LIP OF GUTTER PER CALTRANS STANDARD DETAIL A20G.
4. REINSTALL EXISTING POST AND R1-1 SIGN PANEL PER CA MUTCD FIGURE 2B-1. INSTALL STREET NAME SIGN PANELS ON POST PER CITY STANDARD DETAIL ST-10 THRU ST-12.
5. INSTALL BLUE REFLECTIVE HYDRANT MARKER PER CITY OF TURLOCK STD. W-3.
6. INSTALL POST AND W14-1, "DEAD END", SIGN PANEL PER CA MUTCD FIGURE 2C-5.
7. INSTALL CROSSWALK PER CITY OF TURLOCK STD. C-17.
8. INSTALL YIELD PAVEMENT MARKINGS AND R1-5 SIGNAGE PER CA MUTCD FIGURE 3B-17.
9. INSTALL FIRE LANE CURB MAKING PER DETAIL THIS SHEET

0' 10' 20' 40'
SCALE: 1"=20'

811 Know what's below. Call before you dig.

NOTE:
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

REGISTERED PROFESSIONAL ENGINEER ADAM K. MERRILL No. 76826 Exp. 12/31/24 CIVIL STATE OF CALIFORNIA
DATE SIGNED: 04/02/24

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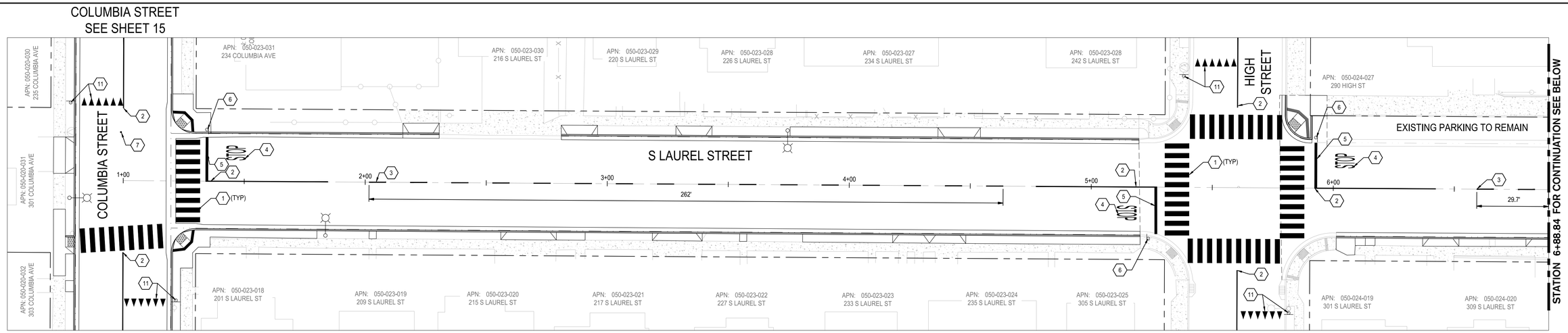
ENGINEERING DIVISION
156 S. BRODWAY,
SUITE 150
(209) 668-5520

SIGNING AND STRIPING PLAN
LANE STREET & S. BEECH STREET SIGNING & STRIPING
CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

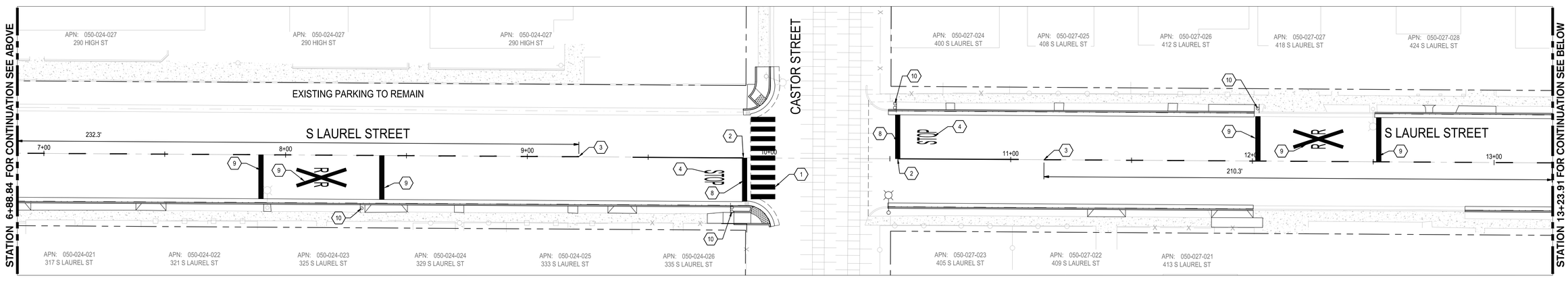
VERIFY SCALE
0 1"

| | |
|---|---|
| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 17 |
| CH. BY: AKM | |
| DATE: 4/2/2024 | |
| SCALE: SEE SHEET | SHEET: |
| SEI PROJ NO: 22157 | 17 OF 49 |

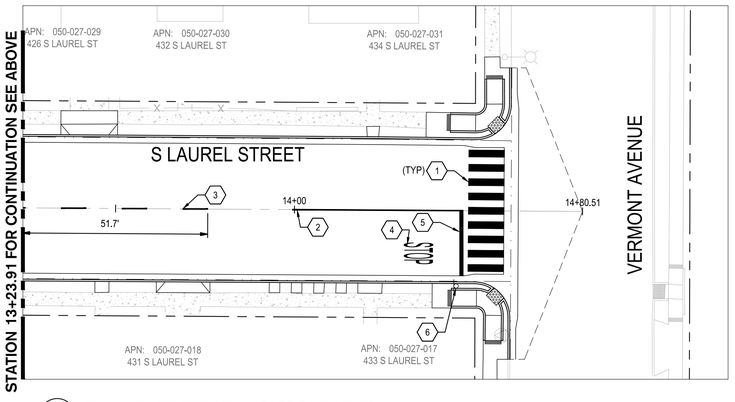
FILE: F:\22projects\22157 City of Turlock Road CIP\Plans and Graphics\Improvement Plans\22157 C-16 LANE STREET & BEECH STREET SIGNING AND STRIPING PLAN.dwg
DATE & TIME PLOTTED: 4/02/24 3:16 PM




1 **S LAUREL STREET STA: 1+00 TO 6+88.84**
SCALE: 1" = 20'




2 **S LAUREL STREET STA: 6+88.84 TO 13+23.91**
SCALE: 1" = 20'




3 **S LAUREL STREET STA: 13+23.91 TO END**
SCALE: 1" = 20'

## CONSTRUCTION KEYNOTES:

1. INSTALL CROSSWALK PER CITY OF TURLOCK STD. C-17
2. INSTALL 50 LF OF DETAIL 22 TRAFFIC LINES PER CALTRANS STANDARD DETAIL A20A
3. INSTALL DETAIL 2 TRAFFIC LINES PER CALTRANS STANDARD DETAIL A20A
4. INSTALL "STOP" MARKING PER CALTRANS STANDARD DETAIL A24D
5. INSTALL LIMIT STOP LINE MARKING FROM CENTERLINE TO LIP OF GUTTER PER CALTRANS STANDARD DETAIL A20G.
6. REINSTALL EXISTING POST AND R1-1 SIGN PANEL PER CA MUTCD FIGURE 2B-1. INSTALL STREET NAME SIGN PANELS ON POST PER CITY STANDARD DETAIL ST-10 THRU ST-12.
7. INSTALL BLUE REFLECTIVE HYDRANT MARKER PER CITY OF TURLOCK STD. W-3.
8. INSTALL 24" WIDE RAIL ROAD LIMIT STOP LINE FROM CENTERLINE TO LIP OF GUTTER PER CAMUTCD FIGURE 8B-6.
9. INSTALL RAIL ROAD PAVEMENT MARKING SYMBOL PER CAMUTCD FIGURE 8B-7.
10. INSTALL CROSSBUCK ASSEMBLY R15-1 SIGN WITH R1-1 SIGN PER CA MUTCD FIGURE 8B-3.
11. INSTALL YIELD PAVEMENT MARKINGS AND R1-5 SIGNAGE PER CA MUTCD FIGURE 3B-17.

0' 10' 20' 40'
SCALE: 1"=20'

811 Know what's below. Call before you dig.

NOTE:
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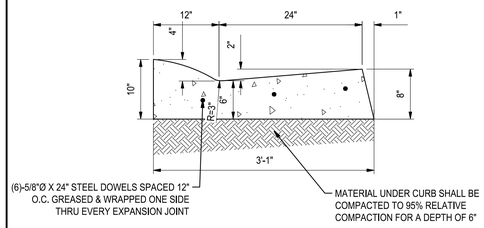
SIGNING AND STRIPING PLAN
S. LAUREL STREET SIGNING & STRIPING
CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

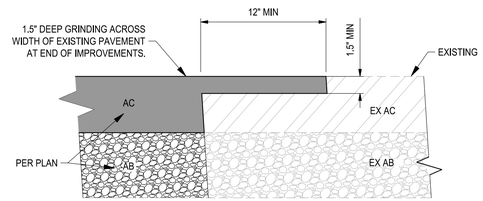
VERIFY SCALE 0 1"

| | |
|---|---|
| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 18 |
| CH. BY: AKM | |
| DATE: 4/2/2024 | |
| SCALE: SEE SHEET | SHEET: |
| SEI PROJ NO: 22157 | 18 OF 49 |

FILE: F:\22projects\22157 City of Turlock Road CIP\Plans and Graphics\Improvement Plans\22157 C-17 LAUREL STREET SIGNING AND STRIPING PLAN.dwg
DATE & TIME PLOTTED: 4/02/24 3:16 PM

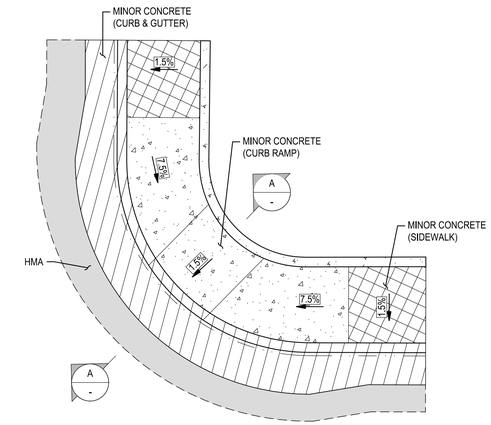


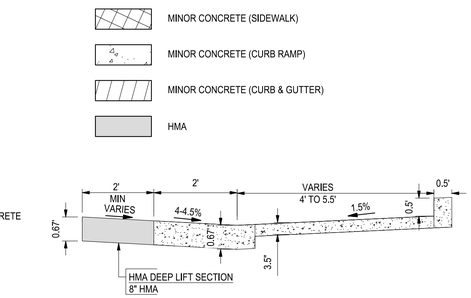

## 1 ROLL CURB & GUTTER
NO SCALE



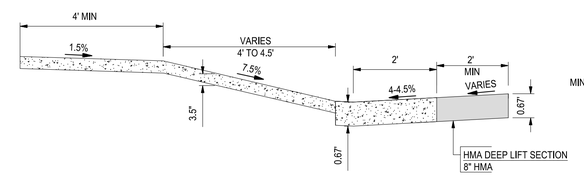

## 2 CONFORM PAVEMENT DETAIL
NO SCALE

## - EXISTING MODIFIED CURB & GUTTER IMAGE
NO SCALE




## A SECTION A-A
NO SCALE

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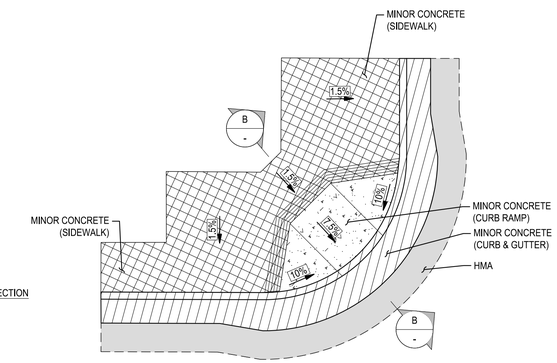
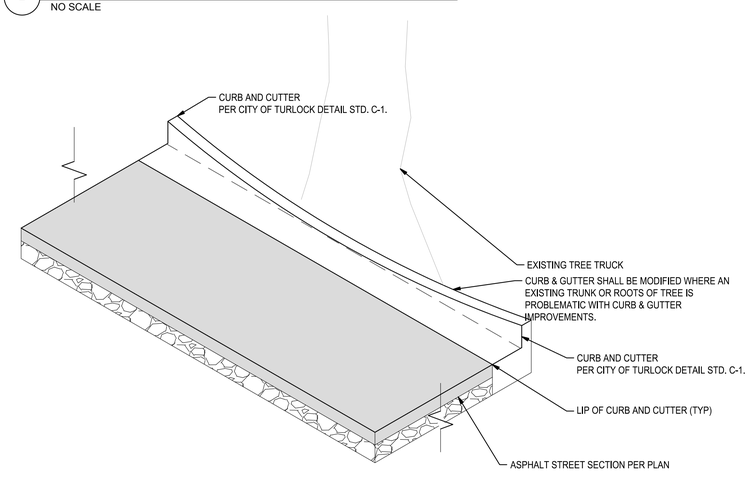
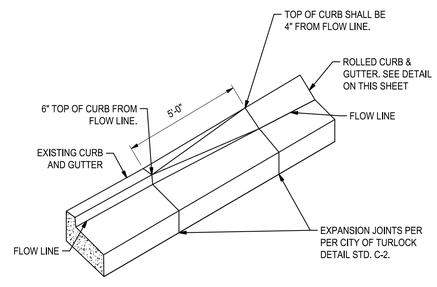
NO SCALE




## 3 CURB RAMP TYPICAL DETAIL
NO SCALE

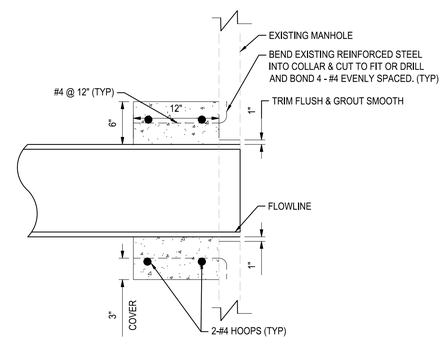



## 4 MODIFIED CURB & GUTTER AT TREE DETAIL
NO SCALE

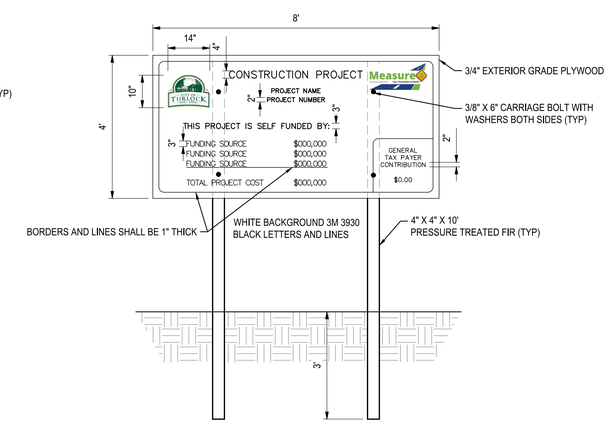



NOTES:
1. MINIMUM TRANSITION LENGTH IS 5'-0". IF LESS THAN 5'-0", NEED CITY ENGINEER APPROVAL.
2. MAXIMUM TRANSITION SLOPE IS 2.5%.

## 5 6" CURB & GUTTER TO ROLLED CURB TRANSITION DETAIL
NO SCALE




## 6 STORM DRAIN CONNECTION TO EXISTING MANHOLE DETAIL
NO SCALE




## 7 TEMPORARY CONSTRUCTION FUNDING SIGN
NO SCALE

811 Know what's below. Call before you dig.

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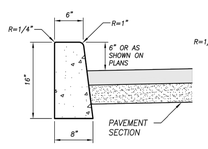
CONSTRUCTION DETAILS I

CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

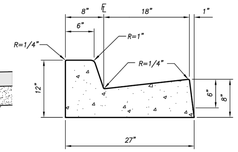
VERIFY SCALE 0 1"

| | |
|---|---|
| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 19 |
| CH. BY: AKM | |
| DATE: 4/2/2024 | |
| SCALE: SEE SHEET | SHEET: |
| SEI PROJ NO: 22157 | 19 OF 49 |

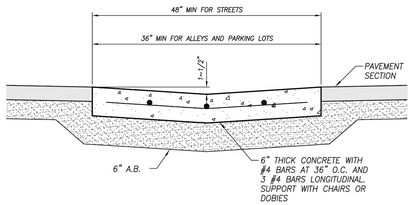
FILE: F:\22projects\22157 City of Turlock Road CIP\Plans and Graphics\Improvement Plans\22157 C-18 CONSTRUCTION DETAILS.dwg
DATE & TIME PLOTTED: 4/02/24 3:17 PM




VERTICAL CURB




CURB AND GUTTER

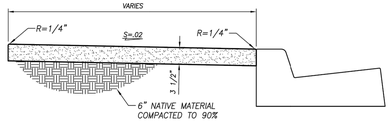



VALLEY GUTTER

NOTES:

1. INSTALL WEAKENED PLANE JOINT AT 10' INTERVALS
2. GUTTER FLOW LINES SHALL BE WATER TESTED FOR FLOW
3. FLOW LINE OF GUTTERS SHALL SLOPE AT 0.20% MIN, UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER

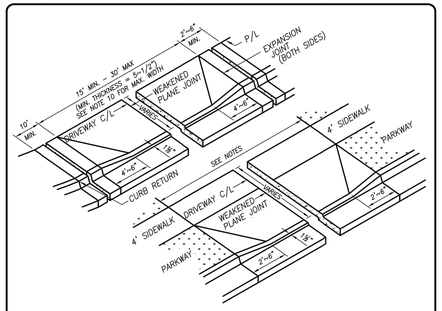
| CURB AND GUTTERS | | | |
|---|---|---|---|
| DRAWN BY: JSH | CITY OF TURLOCK | | DRAWING NO. C-1 |
| CHECK BY: NBB | APPROVED BY: | | COUNCIL APPROVAL DEC, 2015 |
| SCALE: NONE | CITY ENGINEER – MICHAEL G. PITCOCK – RCE 52694 | | |




NOTES:

1. ALL CONCRETE WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY STANDARD SPECIFICATIONS
2. SEE ST-1 FOR ADDITIONAL INFORMATION REGARDING SIDEWALK LOCATION
3. SEE C-2 FOR LOCATIONS OF JOINTS AND SCORE MARKS
4. PROVIDE MIN 48" OF CLEARANCE AROUND OBSTRUCTIONS. SEE C-4.

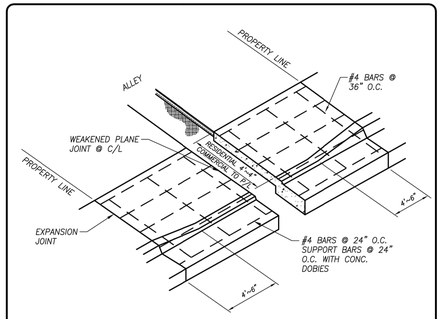
| RESIDENTIAL AND COMMERCIAL SIDEWALK | | | |
|---|---|---|---|
| DRAWN BY: JSH | CITY OF TURLOCK | | DRAWING NO. C-3 |
| CHECK BY: NBB | APPROVED BY: | | COUNCIL APPROVAL DEC, 2015 |
| SCALE: NONE | CITY ENGINEER – MICHAEL G. PITCOCK – RCE 52694 | | |




NOTES:

1. SUB-GRADE COMPACTION SHALL BE 95%
2. CONCRETE SURFACE SHALL BE TROWELED SMOOTH & HAIR BROOMED
3. CONCRETE CURING SHALL BE PER CURRENT CALTRANS SPECIFICATIONS
4. GUTTER FLOW LINE SHALL BE WATER TESTED FOR FLOW
5. DRIVEWAY BREAKDOWN LIP SHALL BE 1~1/2"
6. PROVIDE A WEAKENED PLANE JOINT OF 1~1/2" MINIMUM DEPTH AND 1/8"
7. MAXIMUM WIDTH IN THE MIDDLE OF THE DRIVEWAY APPROACH AND GUTTER ON MONOLITHIC CURB, GUTTER AND SIDEWALK INSTALL EXPANSION JOINTS AT EDGES OF DRIVEWAY
8. MAXIMUM DRIVEWAY WIDTHS ARE AS FOLLOWS:
   TWO DOOR GARAGE IS 25 FEET
   THREE CAR GARAGE IS 30 FEET, PROVIDING THE THE DRIVEWAY WIDTH DOES NOT EXCEED 40% OF TOTAL LOT FRONTAGE
9. CURB, GUTTER AND DRIVEWAY SHALL BE POURED MONOLITHICALLY

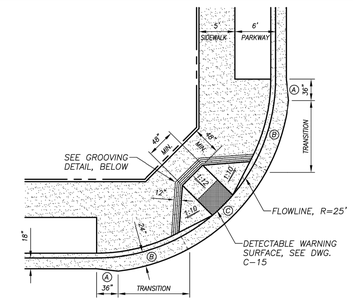
| RESIDENTIAL DRIVEWAY APPROACH | | | |
|---|---|---|---|
| DRAWN BY: JSH | CITY OF TURLOCK | | DRAWING NO. C-5 |
| CHECK BY: NBB | APPROVED BY: | | COUNCIL APPROVAL DEC, 2015 |
| SCALE: NONE | CITY ENGINEER – MICHAEL G. PITCOCK – RCE 52694 | | |

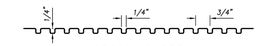



NOTES:

1. COMMERCIAL ALLEYS SHALL HAVE A SLOPE OF 1% MIN. AND A CROSS SLOPE OF 2% MAX.
2. ALL ALLEY APPROACHES SHALL HAVE A MINIMUM THICKNESS OF 7~1/2".
3. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS.
4. GUTTER FLOW LINE & VALLEY GUTTER SHALL BE WATER TESTED FOR FLOW.
5. FINISH GRADE AT BACK OF DRIVEWAY SHALL MATCH ALLEY PAVEMENT.
6. WEAKENED PLANE JOINT SHALL BE 1~1/2" MIN. DEPTH AND 1/8" MAX. WIDTH.

| ALLEY APPROACH | | | |
|---|---|---|---|
| DRAWN BY: JSH | CITY OF TURLOCK | | DRAWING NO. C-7 |
| CHECK BY: NBB | APPROVED BY: | | COUNCIL APPROVAL DEC, 2015 |
| SCALE: NONE | CITY ENGINEER – MICHAEL G. PITCOCK – RCE 52694 | | |



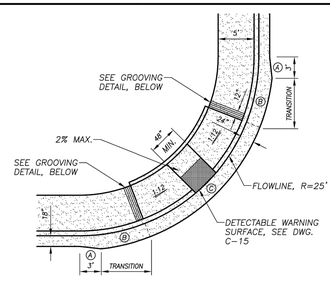

GROOVING DETAIL

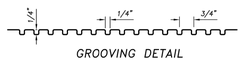
Ⓐ CONCRETE LIP SHALL EXTEND FROM 18" TO 24" WITHIN THE FIRST 3 FEET OF THE RADIUS POINT. LIP OF GUTTER SHALL BE 2" HIGHER THAN FLOWLINE

Ⓑ CONCRETE LIP SHALL MAINTAIN 24" FROM FLOWLINE. CONCRETE LIP SHALL TRANSITION FROM 2" TO 1" ABOVE FLOWLINE. TRANSITION SHALL BE COMPLETED BY START OF FLARED SIDES (WINGS)

Ⓒ CONCRETE LIP SHALL MAINTAIN 24" FROM FLOWLINE AND 1" ABOVE FLOWLINE. MAXIMUM ALLOWABLE SLOPE IS 5%

| CURB RETURN PEDESTRIAN RAMP | | | |
|---|---|---|---|
| DRAWN BY: JSH | CITY OF TURLOCK | | DRAWING NO. C-10 |
| CHECK BY: NBB | APPROVED BY: | | COUNCIL APPROVAL DEC, 2015 |
| SCALE: NONE | CITY ENGINEER – MICHAEL G. PITCOCK – RCE 52694 | | |

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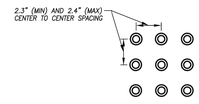
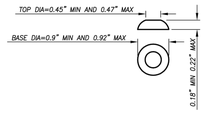
| CURB RETURN PEDESTRIAN RAMP | | | |
|---|---|---|---|
| DRAWN BY: JSH | CITY OF TURLOCK | | DRAWING NO. C-12 |
| CHECK BY: NBB | APPROVED BY: | | COUNCIL APPROVAL DEC, 2015 |
| SCALE: NONE | CITY ENGINEER – MICHAEL G. PITCOCK – RCE 52694 | | |




RAISED TRUNCATED DOME PATTERN (IN-LINE)



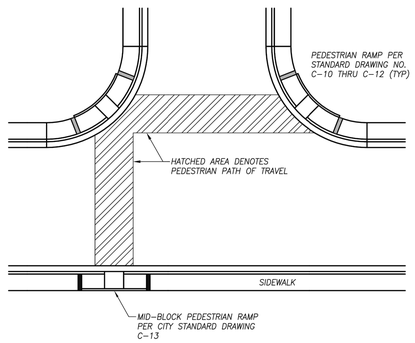

RAISED TRUNCATED DOME

DETECTABLE WARNING SURFACE

NOTES:

1. CAST-IN-PLACE PREFABRICATED DETECTABLE WARNING SURFACE SHALL BE COMPOSED OF A VITRIFIED POLYMER INCLUDING ALUMINUM OXIDE ("ARMOR-TILE" OR APPROVED EQUAL). COLOR SHALL BE SAFETY YELLOW. FIELD SURFACE AND TOP OF DOMES TO HAVE A SLIP RESISTANCE SURFACE.
2. CURB RAMPS SHALL HAVE A DETECTABLE WARNING SURFACE THAT EXTENDS THE FULL WIDTH AND 3'-0" DEPTH OF THE RAMP. A 4'-0" WIDE DETECTABLE WARNING SURFACE MAY BE USED ON A 4'-2" WIDE CURB RAMP. DETECTABLE WARNING SURFACES SHALL CONFORM TO THE REQUIREMENTS IN THE STANDARD SPECIFICATIONS.

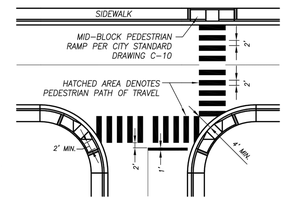
| DETECTABLE WARNING SURFACE | | | |
|---|---|---|---|
| DRAWN BY: JSH | CITY OF TURLOCK | | DRAWING NO. C-15 |
| CHECK BY: NBB | APPROVED BY: | | COUNCIL APPROVAL DEC, 2015 |
| SCALE: NONE | CITY ENGINEER – MICHAEL G. PITCOCK – RCE 52694 | | |

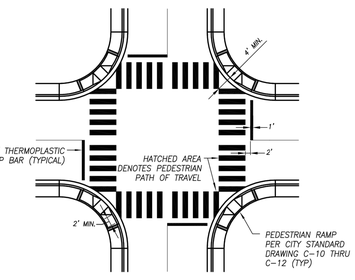



NOTE:
MID-BLOCK PEDESTRIAN RAMP MAY BE INSTALLED AT EITHER SIDE OF THE INTERSECTION.

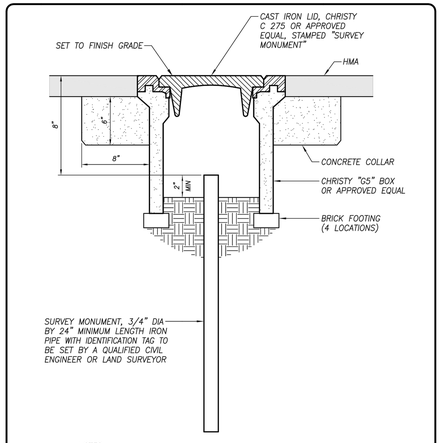
| MID-BLOCK PEDESTRIAN RAMP AT INTERSECTION | | | |
|---|---|---|---|
| DRAWN BY: JSH | CITY OF TURLOCK | | DRAWING NO. C-16 |
| CHECK BY: NBB | APPROVED BY: | | COUNCIL APPROVAL DEC, 2015 |
| SCALE: NONE | CITY ENGINEER – MICHAEL G. PITCOCK – RCE 52694 | | |

NOTES:
1. CROSS WALK SHALL BE THERMOPLASTIC MATERIAL.
2. EACH BAND OF THERMO-PLASTIC MATERIAL SHALL BE 2' WIDE.
3. EACH GAP SHALL BE 2' WIDE, SHRINK MIDDLE GAP IF NECESSARY.
4. 4' MINIMUM CLEAR SPACE FROM FLOWLINE TO CLOSEST EDGE OF THERMOPLASTIC.
5. THERMOPLASTIC BAR SHALL START 2' FROM BEGINNING OF WING FOR ACCESS RAMP.




| CROSS WALK LAYOUT | | | |
|---|---|---|---|
| DRAWN BY: AZ | CITY OF TURLOCK | | DRAWING NO. C-17 |
| CHECK BY: NBB | APPROVED BY: | | COUNCIL APPROVAL DEC, 2015 |
| SCALE: NONE | CITY ENGINEER – MICHAEL G. PITCOCK – RCE 52694 | | |




NOTES:
1. MONUMENTS SHALL BE SET AFTER PAVING OPERATIONS ARE COMPLETE.
2. MONUMENTS ARE TO BE PLACED AT THE INTERSECTION OF CENTERLINES, BEGINNING OF CURVE, END OF CURVE, POINT OF REVERSE CURVE, ETC. FOR ALL PUBLIC ROADWAYS.

| MONUMENT DETAIL | | | |
|---|---|---|---|
| DRAWN BY: JSH | CITY OF TURLOCK | | DRAWING NO. M-1 |
| CHECK BY: NBB | APPROVED BY: | | COUNCIL APPROVAL DEC, 2015 |
| SCALE: NONE | CITY ENGINEER – MICHAEL G. PITCOCK – RCE 52694 | | |

811 Know what's below. Call before you dig.

NOTE:
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REGISTERED PROFESSIONAL ENGINEER ADAM K. MERRILL No. 76826 Exp. 12/31/24 CIVIL STATE OF CALIFORNIA

DATE SIGNED: 04/02/24

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CITY OF TURLOCK INC. 1908

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

CONSTRUCTION DETAILS II

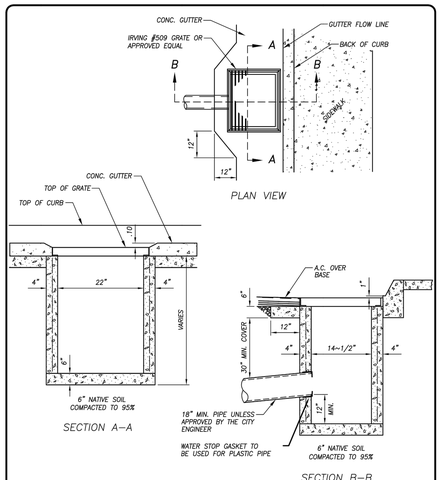
CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

VERIFY SCALE 0 1"

| | |
|---|---|
| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 20 |
| CH. BY: AKM | |
| DATE: 4/2/2024 | |
| SCALE: SEE SHEET | SHEET: |
| SEI PROJ NO: 22157 | 20 OF 49 |

FILE: F:\22projects\22157 City of Turlock Road CIP\Plans and Graphics\Improvement Plans\22157 C-18 CONSTRUCTION DETAILS.dwg

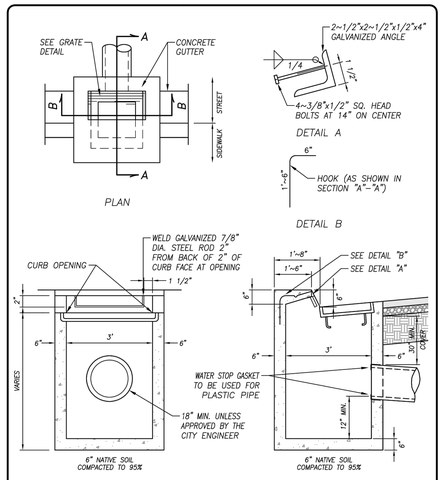
DATE & TIME PLOTTED: 4/02/24 3:17 PM




NOTE:
ONLY TO BE USED WITH THE WRITTEN PERMISSION OF THE CITY ENGINEER

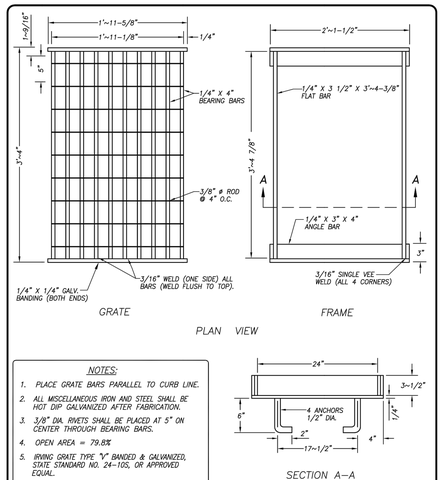
**CATCH BASIN NO. 1**

| | | | |
|---|---|---|---|
| DRAWN BY: JSH | CITY OF TURLOCK | | DRAWING NO. |
| CHECK BY: NBB | APPROVED BY: | | SD–1 |
| SCALE: NONE | CITY ENGINEER – MICHAEL G. PITCOCK – RCE 52694 | | COUNCIL APPROVAL DEC, 2015 |




**CATCH BASIN NO. 3**

| | | | |
|---|---|---|---|
| DRAWN BY: JSH | CITY OF TURLOCK | | DRAWING NO. |
| CHECK BY: NBB | APPROVED BY: | | SD–3 |
| SCALE: NONE | CITY ENGINEER – MICHAEL G. PITCOCK – RCE 52694 | | COUNCIL APPROVAL NOV., 2015 |

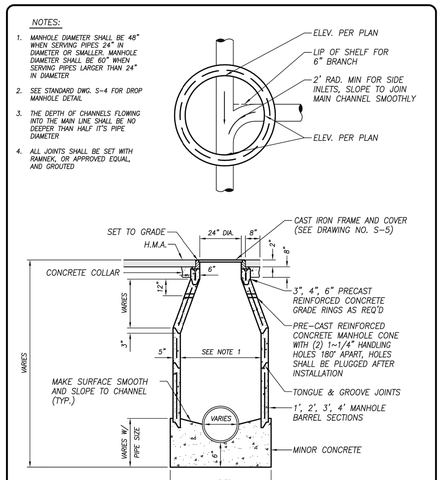



NOTES:
1. PLACE GRATE BARS PARALLEL TO CURB LINE.
2. ALL MISCELLANEOUS IRON AND STEEL SHALL BE HOT DIP GALVANIZED AFTER FABRICATION.
3. 3/8" DIA. RIVETS SHALL BE PLACED AT 5" ON CENTER THROUGH BEARING BARS.
4. OPEN AREA = 79.8%
5. IRVING GRATE TYPE "V" BANDED & GALVANIZED, STATE STANDARD NO. 24–105, OR APPROVED EQUAL.

**GRATE DETAIL FOR SD–2 & SD–3**

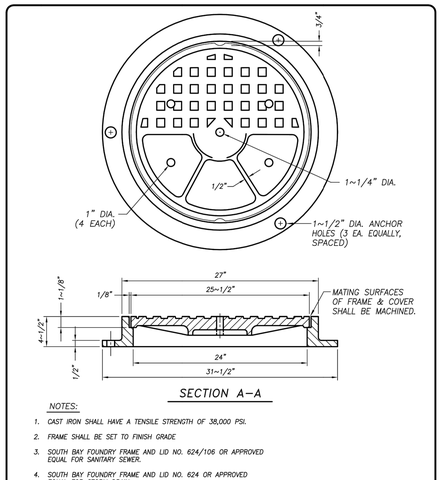
| | | | |
|---|---|---|---|
| DRAWN BY: JSH | CITY OF TURLOCK | | DRAWING NO. |
| CHECK BY: NBB | APPROVED BY: | | SD–5 |
| SCALE: NONE | CITY ENGINEER – MICHAEL G. PITCOCK – RCE 52694 | | COUNCIL APPROVAL NOV., 2015 |

NOTES:
1. MANHOLE DIAMETER SHALL BE 48" WHEN SERVING PIPES 24" IN DIAMETER OR SMALLER, MANHOLE DIAMETER SHALL BE 60" WHEN SERVING PIPES LARGER THAN 24" IN DIAMETER
2. SEE STANDARD DWG. S–4 FOR DROP MANHOLE DETAIL
3. THE DEPTH OF CHANNELS FLOWING INTO THE MAIN LINE SHALL BE NO DEEPER THAN HALF IT'S PIPE DIAMETER
4. ALL JOINTS SHALL BE SET WITH RAMNEK, OR APPROVED EQUAL, AND GROUTED




**STANDARD MANHOLE**

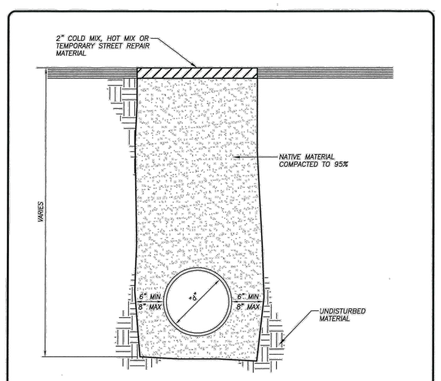
| | | | |
|---|---|---|---|
| DRAWN BY: JSH | CITY OF TURLOCK | | DRAWING NO. |
| CHECK BY: NBB | APPROVED BY: | | S–3 |
| SCALE: NONE | CITY ENGINEER – MICHAEL G. PITCOCK – RCE 52694 | | COUNCIL APPROVAL DEC, 2015 |




NOTES:
1. CAST IRON SHALL HAVE A TENSILE STRENGTH OF 38,000 PSI.
2. FRAME SHALL BE SET TO FINISH GRADE
3. SOUTH BAY FOUNDRY FRAME AND LID NO. 624/106 OR APPROVED EQUAL FOR SANITARY SEWER.
4. SOUTH BAY FOUNDRY FRAME AND LID NO. 624 OR APPROVED EQUAL FOR STORM DRAIN.
5. WEIGHT OF LID SHALL BE 100 POUNDS MINIMUM.

**MANHOLE FRAME AND COVER**

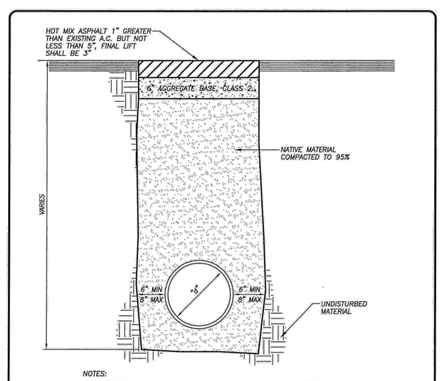
| | | | |
|---|---|---|---|
| DRAWN BY: JSH | CITY OF TURLOCK | | DRAWING NO. |
| CHECK BY: NBB | APPROVED BY: | | S–5 |
| SCALE: NONE | CITY ENGINEER – MICHAEL G. PITCOCK – RCE 52694 | | COUNCIL APPROVAL DEC, 2015 |




NOTES:
1. COMPACTION TESTS SHALL BE APPROVED BY THE CITY BEFORE PAVING.
2. TRENCHES 5 FEET OR MORE IN DEPTH SHALL BE SHORED.
3. MAXIMUM LIFT THICKNESS FOR BEDDING AND BACKFILL SHALL BE 12" BEFORE COMPACTION.
4. TRENCHES WHICH ARE LESS THAN 30" IN DEPTH OR LESS THAN 18" IN WIDTH SHALL BE BACKFILLED WITH TWO SACK CEMENT SLURRY.
5. ALL STEPS OF TRENCHING SHALL BE REPEATED WHEN REPAIRING A SECTION OF PIPE.

**3 STEP TRENCH REPAIR ~ STEP 1**

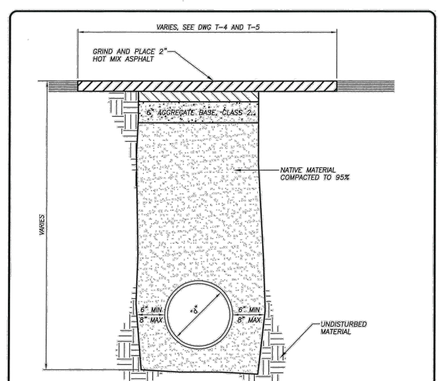
| | | | |
|---|---|---|---|
| DRAWN BY: JSH | CITY OF TURLOCK | | DRAWING NO. |
| CHECK BY: NBB | APPROVED BY: | | T–1 |
| SCALE: NONE | INTERIM CITY ENGINEER – NATHAN B. BRAY – RCE 76642 | | COUNCIL APPROVAL FEB, 2019 |




NOTES:
1. STEP 1 MAY BE OMITTED IF STEP 2 IS PERFORMED SAME DAY AS TRENCH EXCAVATION
2. COMPACTION TESTS SHALL BE APPROVED BY THE CITY BEFORE PAVING.
3. TRENCHES 5 FEET OR MORE IN DEPTH SHALL BE SHORED.
4. MAXIMUM LIFT THICKNESS FOR BEDDING AND BACKFILL SHALL BE 12" BEFORE COMPACTION.
5. TRENCHES WHICH ARE LESS THAN 30" IN DEPTH OR LESS THAN 18" IN WIDTH SHALL BE BACKFILLED WITH TWO SACK CEMENT SLURRY.
6. ALL STEPS OF TRENCHING SHALL BE REPEATED WHEN REPAIRING A SECTION OF PIPE.
7. HMA SHALL BE PG 64–10, TYPE A

**3 STEP TRENCH REPAIR ~ STEP 2**

| | | | |
|---|---|---|---|
| DRAWN BY: JSH | CITY OF TURLOCK | | DRAWING NO. |
| CHECK BY: NBB | APPROVED BY: | | T–2 |
| SCALE: NONE | INTERIM CITY ENGINEER – NATHAN B. BRAY – RCE 76642 | | COUNCIL APPROVAL FEB, 2019 |

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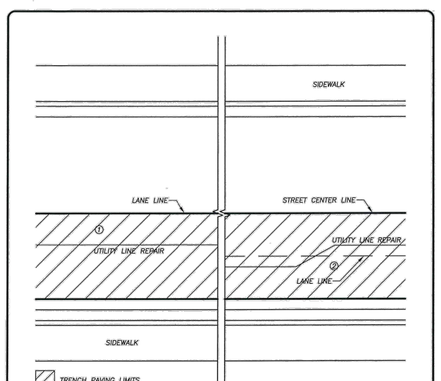
4. TRENCHES WHICH ARE LESS THAN 30" IN DEPTH OR LESS THAN 18" IN WIDTH SHALL BE BACKFILLED WITH TWO SACK CEMENT SLURRY.
5. ALL STEPS OF TRENCHING SHALL BE REPEATED WHEN REPAIRING A SECTION OF PIPE.

**3 STEP TRENCH REPAIR ~ STEP 3**

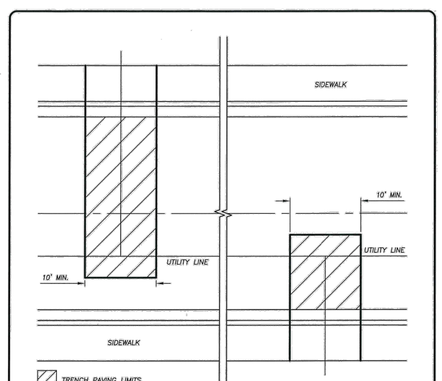
| | | | |
|---|---|---|---|
| DRAWN BY: JSH | CITY OF TURLOCK | | DRAWING NO. |
| CHECK BY: NBB | APPROVED BY: | | T–3 |
| SCALE: NONE | INTERIM CITY ENGINEER – NATHAN B. BRAY – RCE 76642 | | COUNCIL APPROVAL FEB, 2019 |




NOTES:
1. GRINDING AND FINAL PAVING WIDTH SHALL BE TO THE EXTENT OF AFFECTED LANE LINES, 12' MIN.
2. IF TRENCH CROSSES LANE LINES, GRINDING AND FINAL PAVING WIDTH SHALL BE TO THE EXTENT OF ALL AFFECTED LANE LINES FOR ENTIRE LENGTH OF TRENCH

**LONGITUDINAL TRENCH PATCH LIMITS**

| | | | |
|---|---|---|---|
| DRAWN BY: JSH | CITY OF TURLOCK | | DRAWING NO. |
| CHECK BY: NBB | APPROVED BY: | | T–4 |
| SCALE: NONE | INTERIM CITY ENGINEER – NATHAN B. BRAY – RCE 76642 | | COUNCIL APPROVAL FEB, 2019 |




NOTES:
1. GRINDING AND PAVING WIDTH SHALL BE 10' MIN.
2. ALL CUTS SHALL BE SQUARE AND PERPENDICULAR TO THE TRAVEL LANE

**PERPENDICULAR TRENCH PATCH LIMITS**

| | | | |
|---|---|---|---|
| DRAWN BY: JSH | CITY OF TURLOCK | | DRAWING NO. |
| CHECK BY: NBB | APPROVED BY: | | T–5 |
| SCALE: NONE | INTERIM CITY ENGINEER – NATHAN B. BRAY – RCE 76642 | | COUNCIL APPROVAL FEB, 2019 |

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REGISTERED PROFESSIONAL ENGINEER ADAM K. MERRILL No. 76826 Exp. 12/31/24 CIVIL STATE OF CALIFORNIA

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CONSTRUCTION DETAILS III

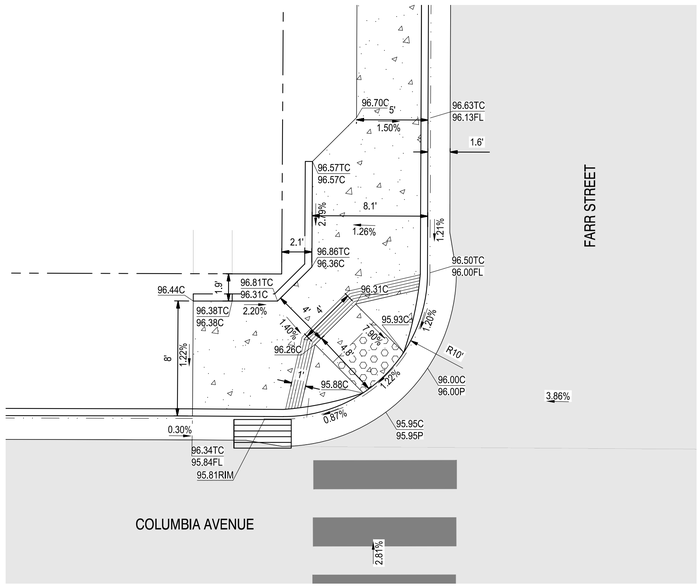
CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

VERIFY SCALE 0 1"

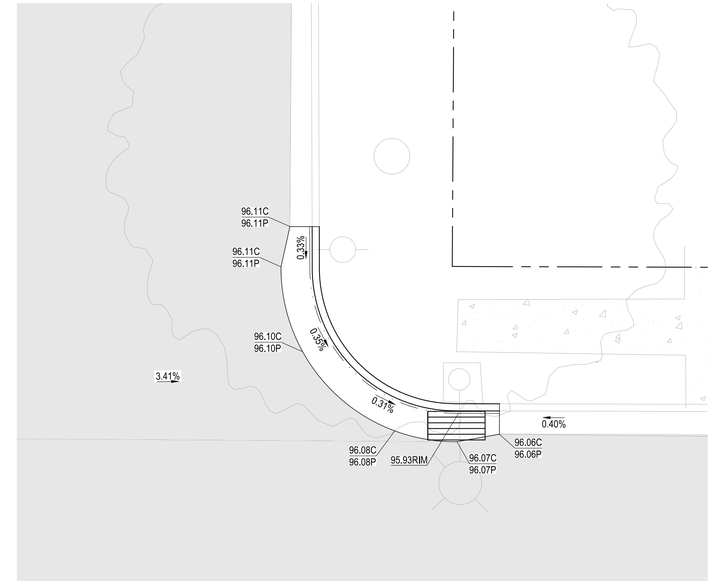
| | |
|---|---|
| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 21 |
| CH. BY: AKM | |
| DATE: 4/2/2024 | |
| SCALE: SEE SHEET | SHEET: |
| SEI PROJ NO: 22157 | 21 OF 49 |

FILE: F:\22projects\22157 City of Turlock Road CIP\Plans and Graphics\Improvement Plans\22157 C–18 CONSTRUCTION DETAILS.dwg

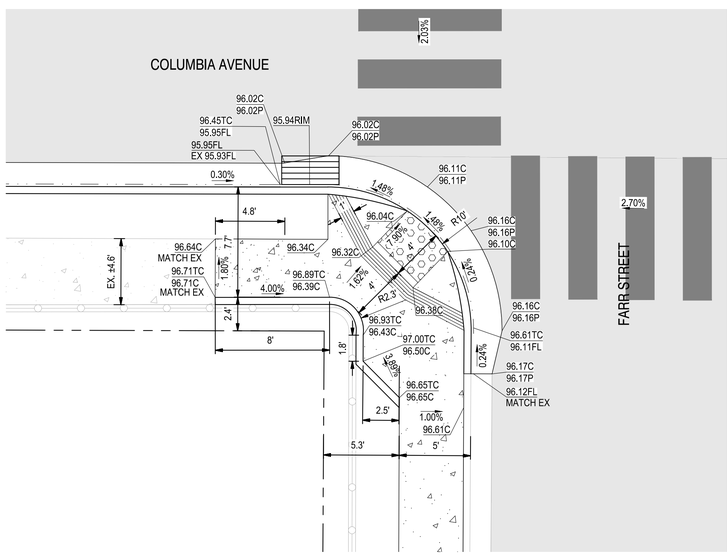
DATE & TIME PLOTTED: 4/02/24 3:17 PM



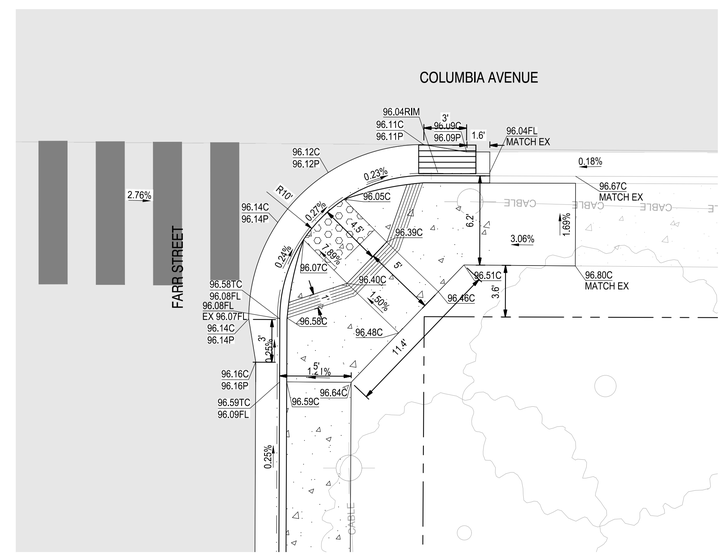

1 **COLUMBIA AVENUE & FARR STREET - NW CORNER**
1" = 5'




2 **COLUMBIA AVENUE & FARR STREET - NE CORNER**
1" = 5'




3 **COLUMBIA AVENUE & FARR STREET - SW CORNER**
1" = 5'




4 **COLUMBIA AVENUE & FARR STREET - SE CORNER**
1" = 5'

Know what's **below.**
**Call** before you dig.

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REGISTERED PROFESSIONAL ENGINEER
ADAM K. MERRILL
No. 76826
Exp. 12/31/24
CIVIL
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CURB RAMP DETAILS

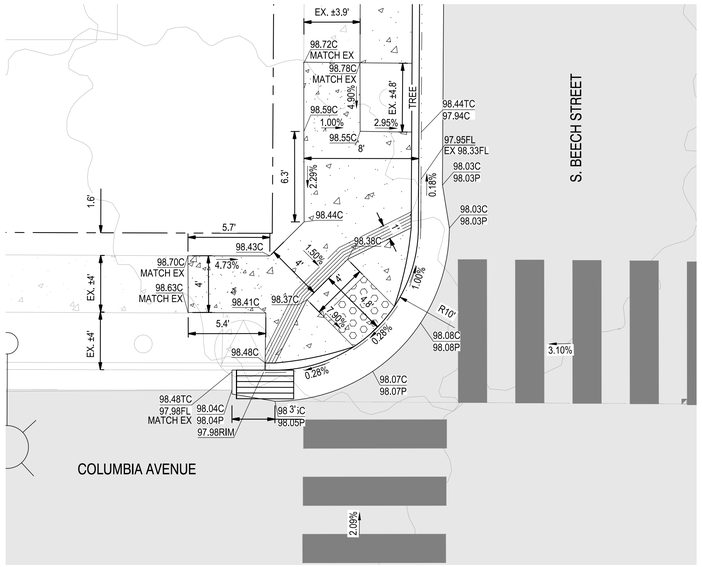
COLUMBIA & FARR CURB RAMP DETAILS

CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

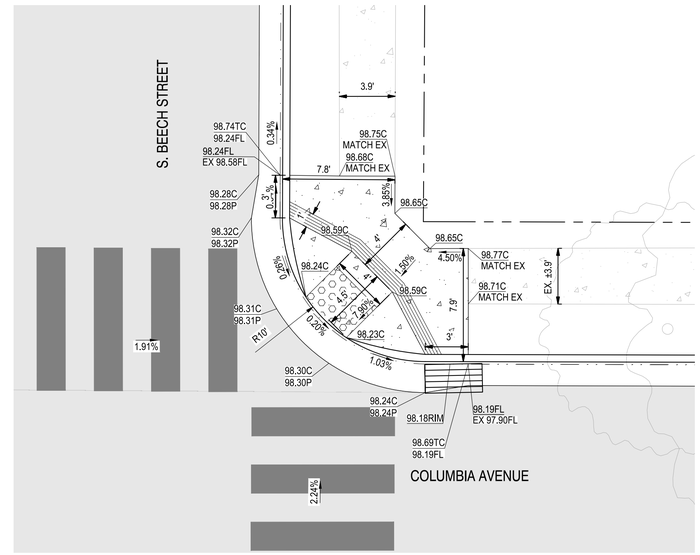
VERIFY SCALE
0 1"

| | |
|---|---|
| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 22 |
| CH. BY: AKM | |
| DATE: 4/2/2024 | |
| SCALE: SEE SHEET | SHEET: |
| SEI PROJ NO: 22157 | 22 OF 49 |

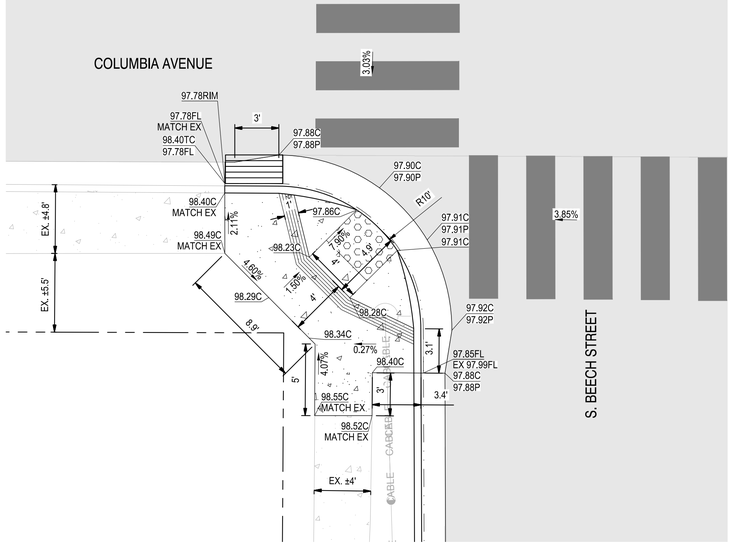
FILE: F:\22projects\22157 City of Turlock Road CIP\Plans and Graphics\Improvement Plans\22157 C-25 CURB RAMP DETAILS.dwg
DATE & TIME PLOTTED: 4/02/24 3:17 PM




1 **COLUMBIA AVENUE & S. BEECH STREET - NW CORNER**
1" = 5'




2 **COLUMBIA AVENUE & S. BEECH STREET - NE CORNER**
1" = 5'

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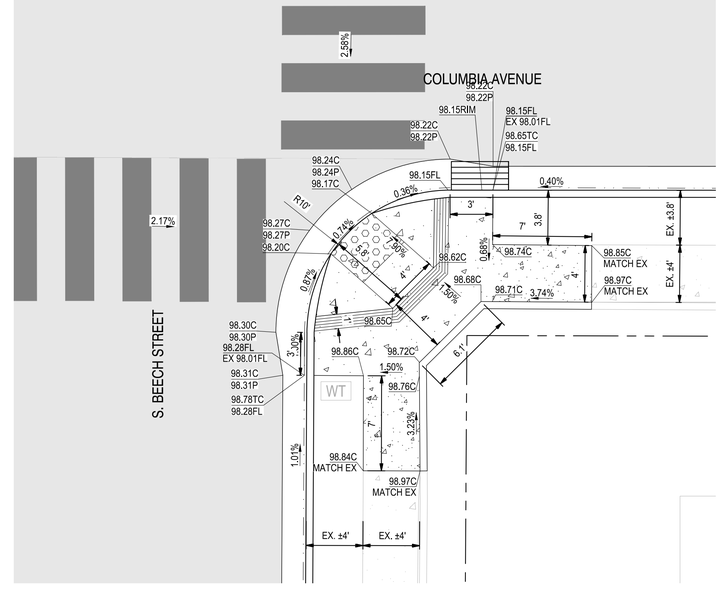


4 **COLUMBIA AVENUE & S. BEECH STREET - SE CORNER**
1" = 5'

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CURB RAMP DETAILS
COLUMBIA & S. BEECH CURB RAMP DETAILS
CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

VERIFY SCALE
0 1"

| | |
|---|---|
| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 23 |
| CH. BY: AKM | |
| DATE: 4/2/2024 | |
| SCALE: SEE SHEET | SHEET: |
| SEI PROJ NO: 22157 | 23 OF 49 |

FILE: F:\22projects\22157 City of Turlock Road CIP\Plans and Graphics\Improvement Plans\22157 C-25 CURB RAMP DETAILS.dwg
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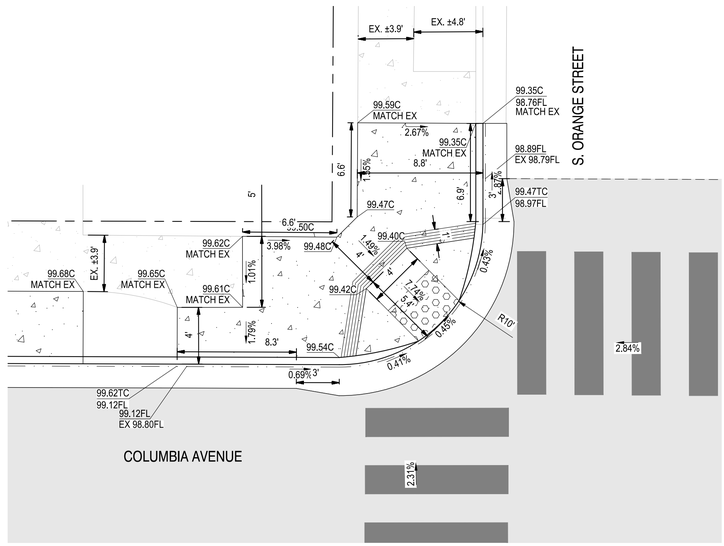
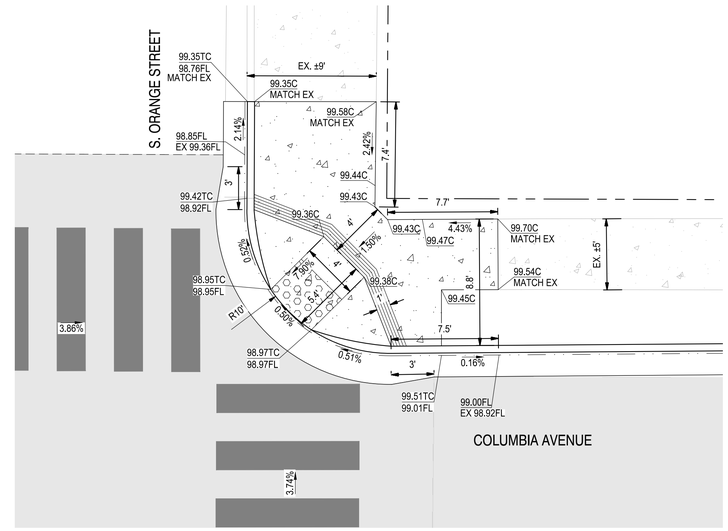
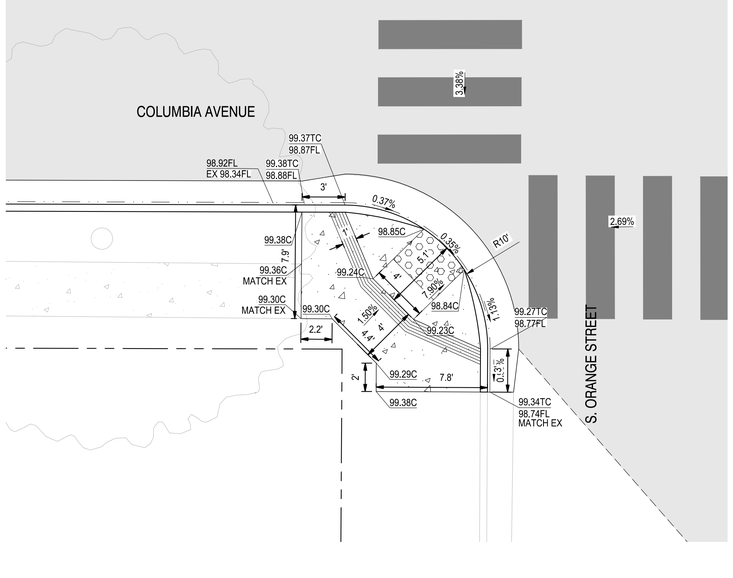



1 **COLUMBIA AVENUE & S. ORANGE STREET - NW CORNER**
1" = 5'




2 **COLUMBIA AVENUE & S. ORANGE STREET - NE CORNER**
1" = 5'

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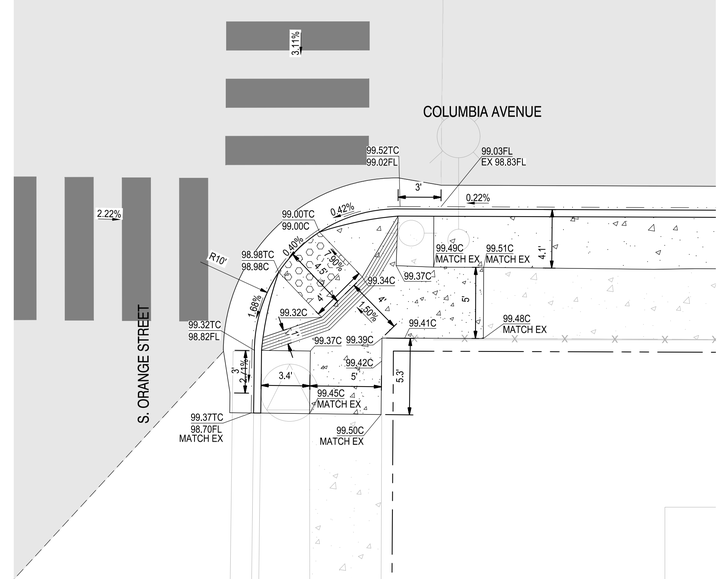


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**Call** before you dig.

NOTE:
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REGISTERED PROFESSIONAL ENGINEER
ADAM K. MERRILL
No. 76826
Exp. 12/31/24
CIVIL
STATE OF CALIFORNIA

DATE SIGNED: 04/02/24

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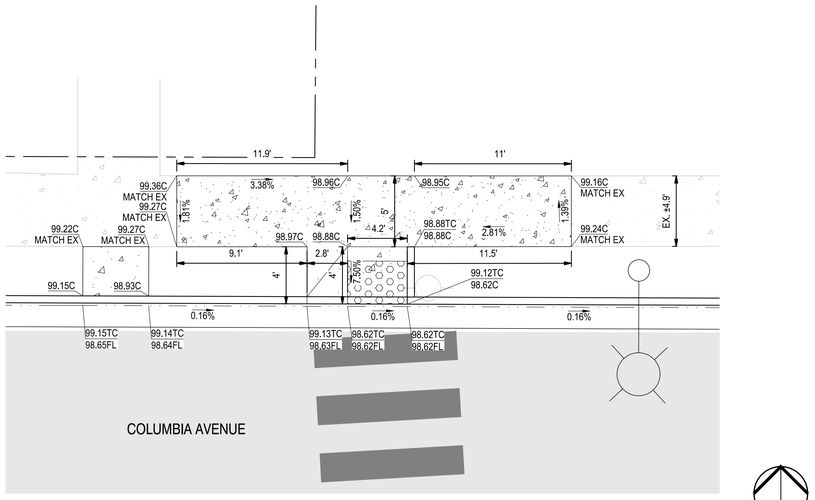
CURB RAMP DETAILS
COLUMBIA & S. ORANGE CURB RAMP DETAILS
CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

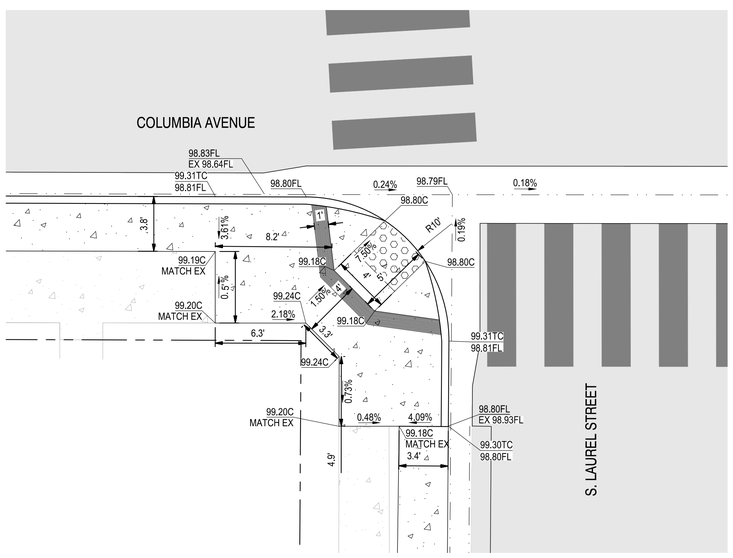
VERIFY SCALE
0 1"

| | |
|---|---|
| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 24 |
| CH. BY: AKM | |
| DATE: 4/2/2024 | |
| SCALE: SEE SHEET | SHEET: |
| SEI PROJ NO: 22157 | 24 OF 49 |

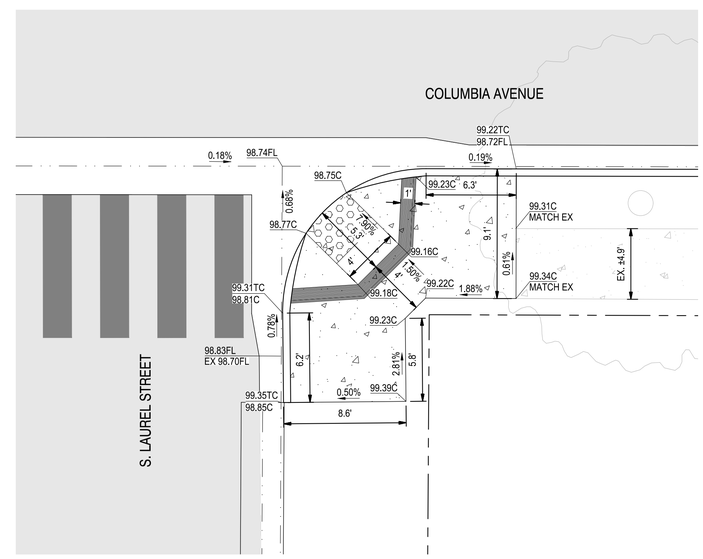
FILE: F:\22projects\22157 City of Turlock Road CIP\Plans and Graphics\Improvement Plans\22157 C-25 CURB RAMP DETAILS.dwg
DATE & TIME PLOTTED: 4/02/24 3:18 PM




**1** **COLUMBIA AVENUE & S. LAUREL STREET - MID CORNER**
1" = 5'




**2** **COLUMBIA AVENUE & S. LAUREL STREET - SW CORNER**
1" = 5'




**3** **COLUMBIA AVENUE & S. LAUREL STREET - SE CORNER**
1" = 5'

Know what's **below.**
**Call** before you dig.

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CURB RAMP DETAILS

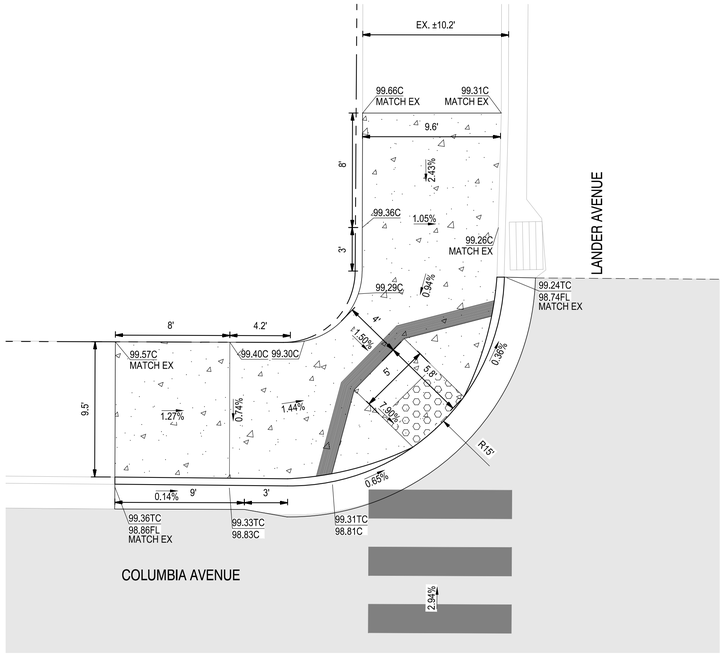
COLUMBIA & S. LAUREL CURB RAMP DETAILS

CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

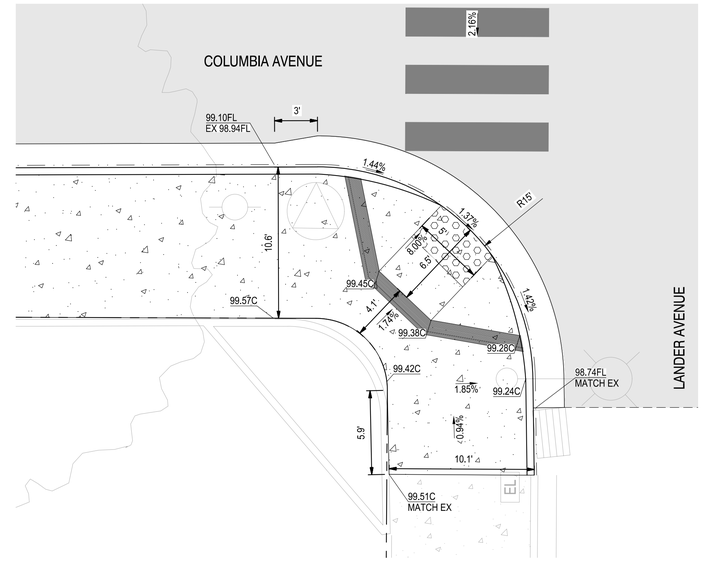
VERIFY SCALE
0 1"

| | |
|---|---|
| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 25 |
| CH. BY: AKM | |
| DATE: 4/2/2024 | |
| SCALE: SEE SHEET | SHEET: |
| SEI PROJ NO: 22157 | 25 OF 49 |

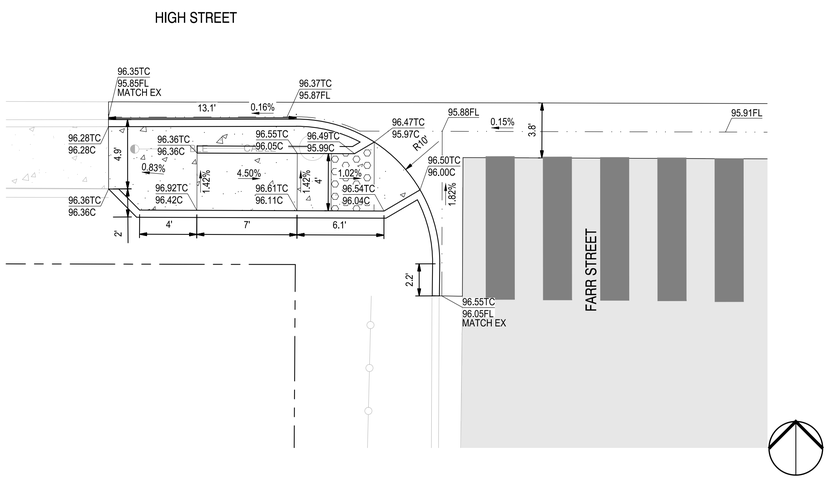
FILE: F:\22projects\22157 City of Turlock Road CIP\Plans and Graphics\Improvement Plans\22157 C-25 CURB RAMP DETAILS.dwg
DATE & TIME PLOTTED: 4/02/24 3:18 PM



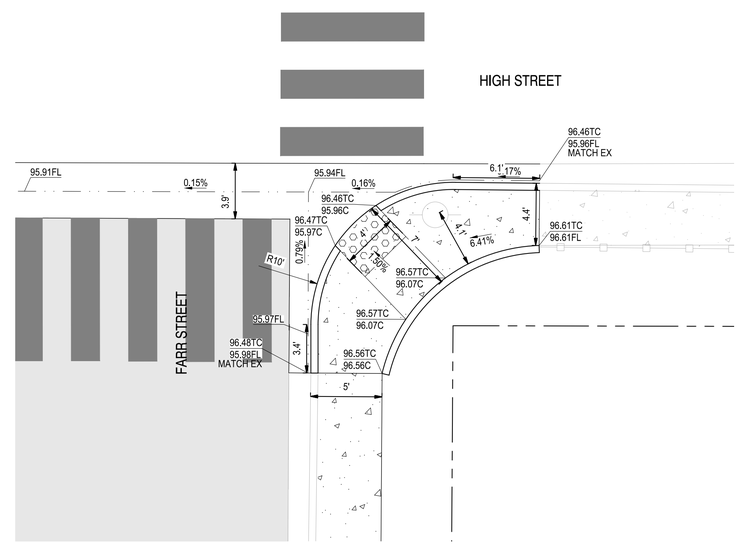

1 **COLUMBIA AVENUE & LANDER AVENUE - NW CORNER**
1" = 5'




2 **COLUMBIA AVENUE & LANDER AVENUE - SW CORNER**
1" = 5'




3 **FARR STREET & HIGH STREET - SW CORNER**
1" = 5'




4 **FARR STREET & HIGH STREET - SE CORNER**
1" = 5'

811 Know what's below. Call before you dig.

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DATE SIGNED: 04/02/24

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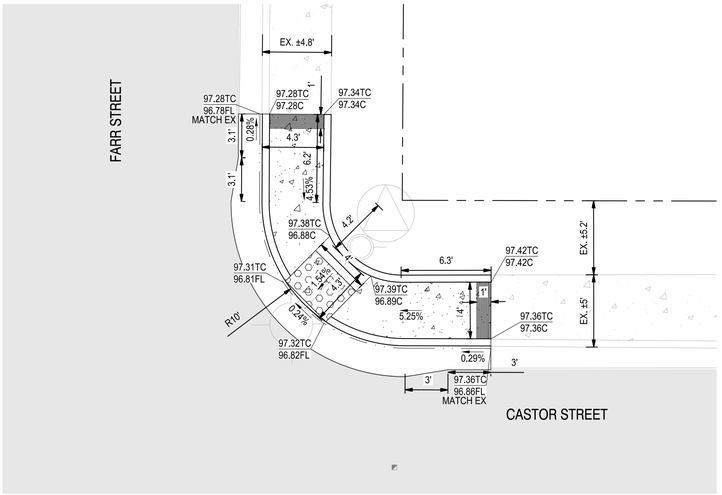
CURB RAMP DETAILS
COLUMBIA & LANDER AVE CURB RAMP DETAILS
CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

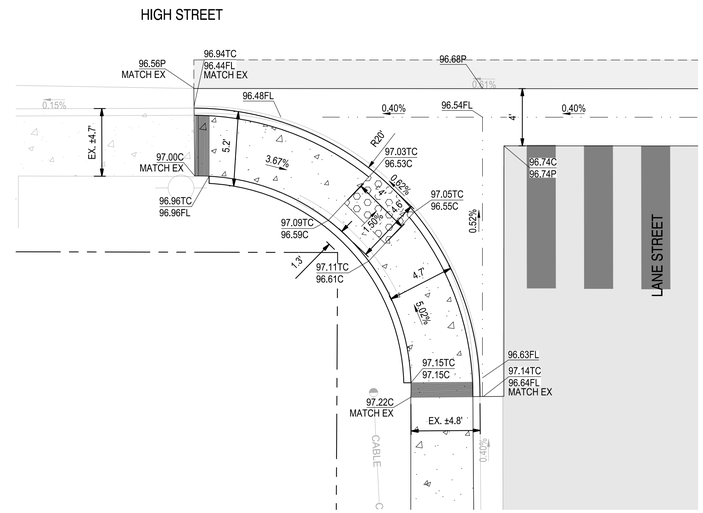
VERIFY SCALE 0 1"

| | |
|---|---|
| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 26 |
| CH. BY: AKM | |
| DATE: 4/2/2024 | |
| SCALE: SEE SHEET | SHEET: |
| SEI PROJ NO: 22157 | 26 OF 49 |

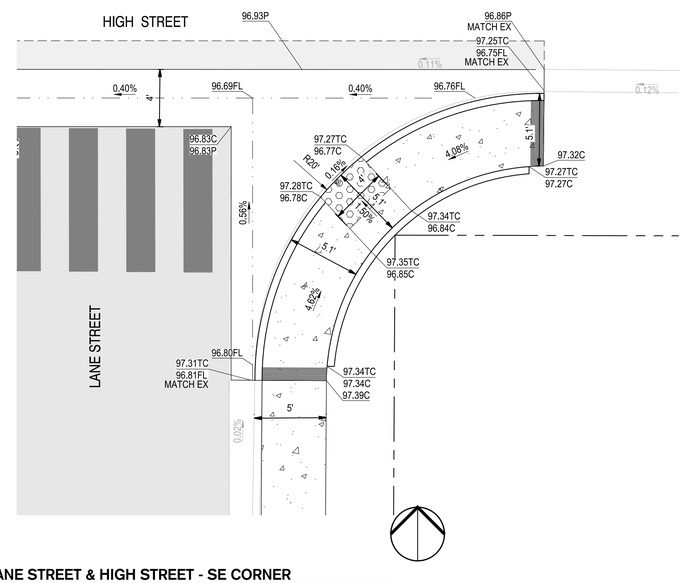
FILE: F:\22projects\22157 City of Turlock Road CIP\Plans and Graphics\Improvement Plans\22157 C-25 CURB RAMP DETAILS.dwg
DATE & TIME PLOTTED: 4/02/24 3:18 PM



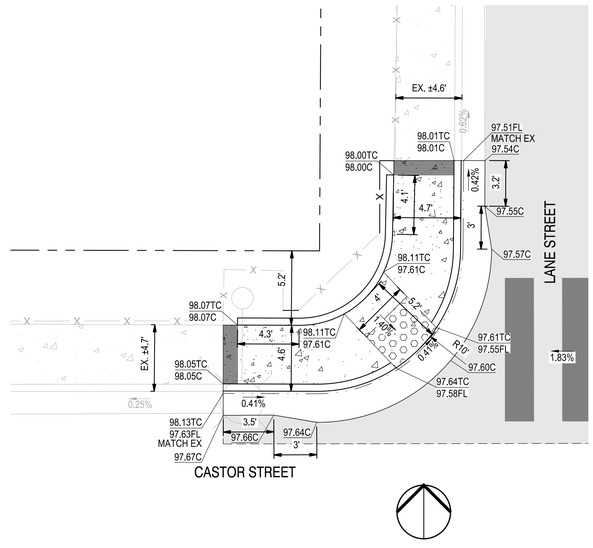

1 **FARR STREET & CASTOR STREET - NE CORNER**
1" = 5'



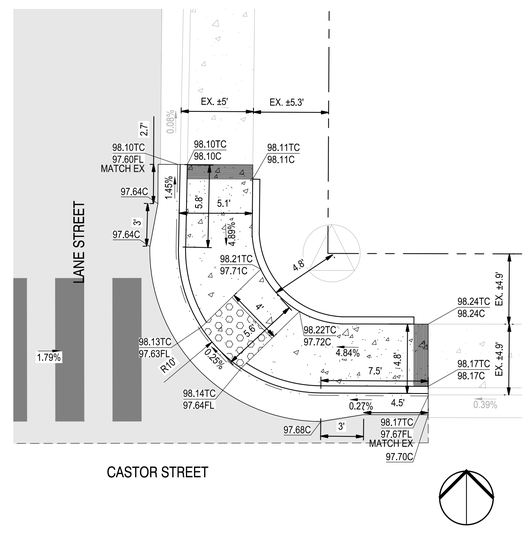

2 **LANE STREET & HIGH STREET - SW CORNER**
1" = 5'




3 **LANE STREET & HIGH STREET - SE CORNER**
1" = 5'




4 **LANE STREET & CASTOR STREET - NW CORNER**
1" = 5'




5 **LANE STREET & CASTOR STREET - NE CORNER**
1" = 5'

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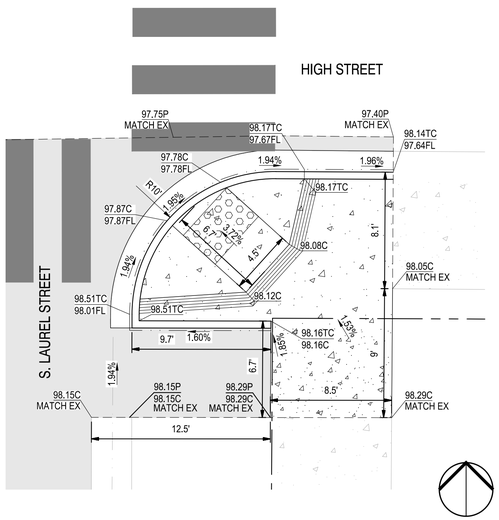
CURB RAMP DETAILS
LANE STREET CURB RAMP DETAILS
CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

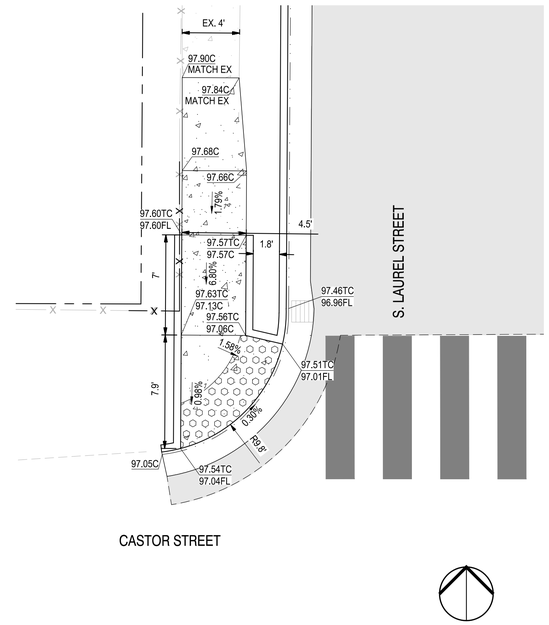
VERIFY SCALE
0 1"

| | |
|---|---|
| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 27 |
| CH. BY: AKM | |
| DATE: 4/2/2024 | |
| SCALE: SEE SHEET | SHEET: |
| SEI PROJ NO: 22157 | 27 OF 49 |

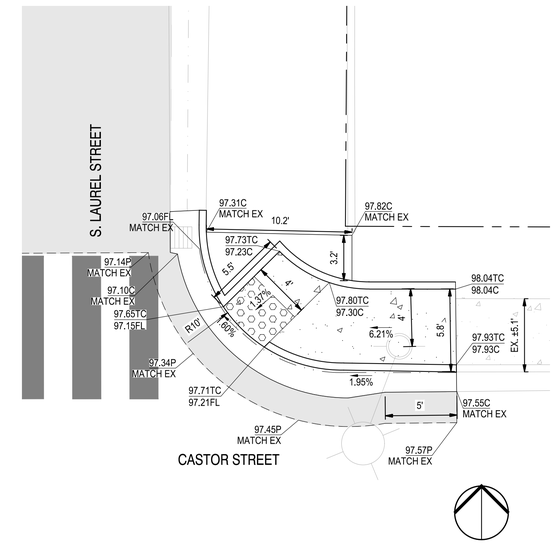
FILE: F:\22projects\22157 City of Turlock Road CIP\Plans and Graphics\Improvement Plans\22157 C-25 CURB RAMP DETAILS.dwg
DATE & TIME PLOTTED: 4/02/24 3:18 PM



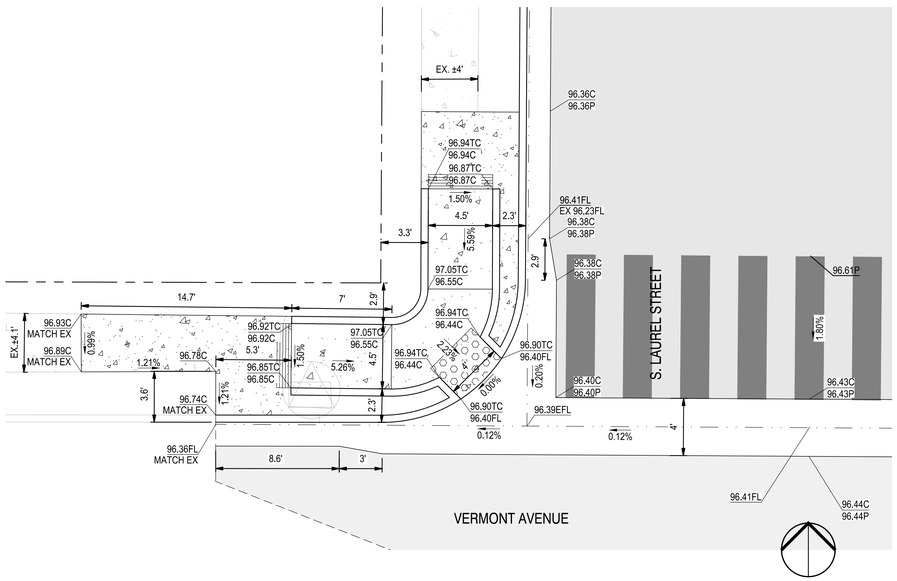

1 **S. LAUREL STREET & HIGH STREET - SE CORNER**
1" = 5'



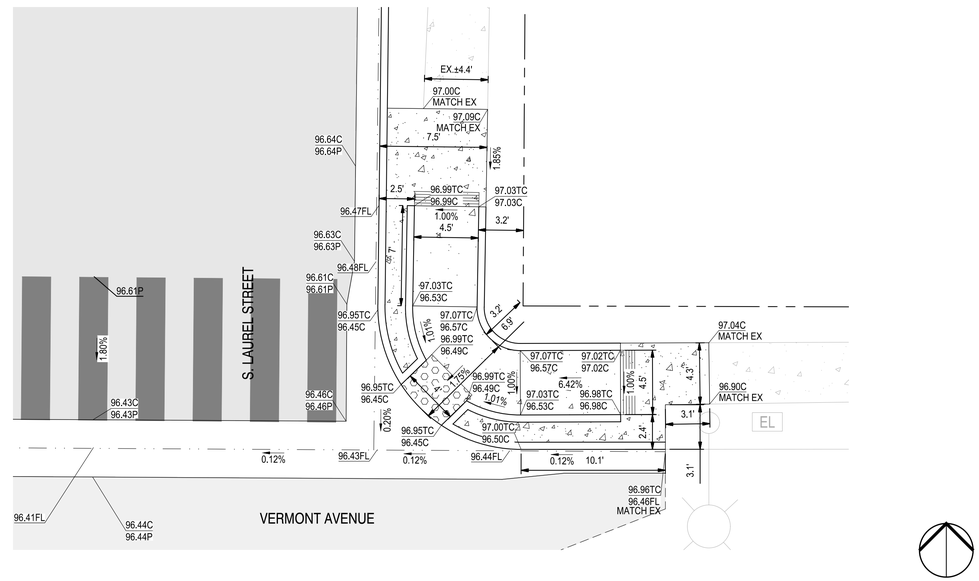

2 **S. LAUREL STREET & CASTOR STREET - NW CORNER**
1" = 5'




3 **S. LAUREL STREET & CASTOR STREET - NE CORNER**
1" = 5'




4 **S. LAUREL STREET & VERMONT AVENUE - NW CORNER**
1" = 5'




5 **S. LAUREL STREET & VERMONT AVENUE - NE CORNER**
1" = 5'

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CURB RAMP DETAILS
S. LAUREL STREET CURB RAMP DETAILS
CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

VERIFY SCALE
0 1"

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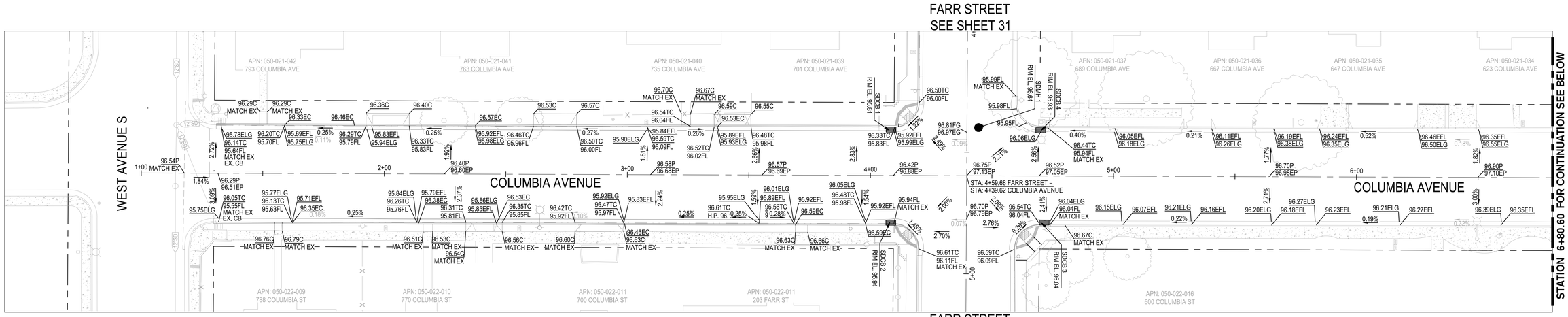
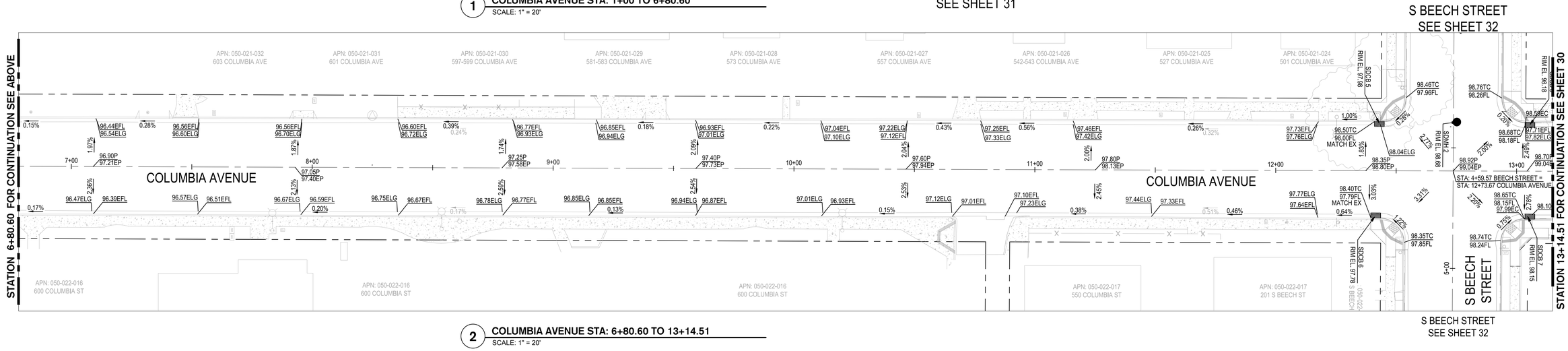
|---|---|
| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 28 |
| CH. BY: AKM | |
| DATE: 4/2/2024 | |
| SCALE: SEE SHEET | SHEET: |
| SEI PROJ NO: 22157 | 28 OF 49 |

FILE: F:\22projects\22157 City of Turlock Road CIP\Plans and Graphics\Improvement Plans\22157 C-25 CURB RAMP DETAILS.dwg
DATE & TIME PLOTTED: 4/02/24 3:19 PM




**1** **COLUMBIA AVENUE STA: 1+00 TO 6+80.60**
SCALE: 1" = 20'




**2** **COLUMBIA AVENUE STA: 6+80.60 TO 13+14.51**
SCALE: 1" = 20'

## GRADING LEGEND

| ABBREVIATION | DESCRIPTION |
|---|---|
| BW | BACK OF WALK |
| C | CONCRETE |
| EC | EXISTING CONCRETE |
| EFL | EXISTING FLOWLINE |
| ELG | EXISTING LIP OF GUTTER |
| EG | EXISTING GROUND |
| EL | ELEVATION |
| EP | EXISTING PAVEMENT |
| EX. | EXISTING |
| FG | FINISH GROUND |
| FL | FLOWLINE |
| G | GROUND |
| GB | GRADE BREAK |
| HP | HIGH POINT |
| LP | LOW POINT |
| MAX | MAXIMUM |
| MIN | MINIMUM |
| P | PAVEMENT |
| TC | TOP OF CURB |
| TOW | TOP OF WALL |
| TYP | TYPICAL |

## LEGEND

- GRADE SLOPE PERCENTAGE
- EXISTING GRADE SLOPE PERCENTAGE
- GRADE BREAK / RIDGE

0' 10' 20' 40'
SCALE: 1"=20'

811 Know what's below. Call before you dig.

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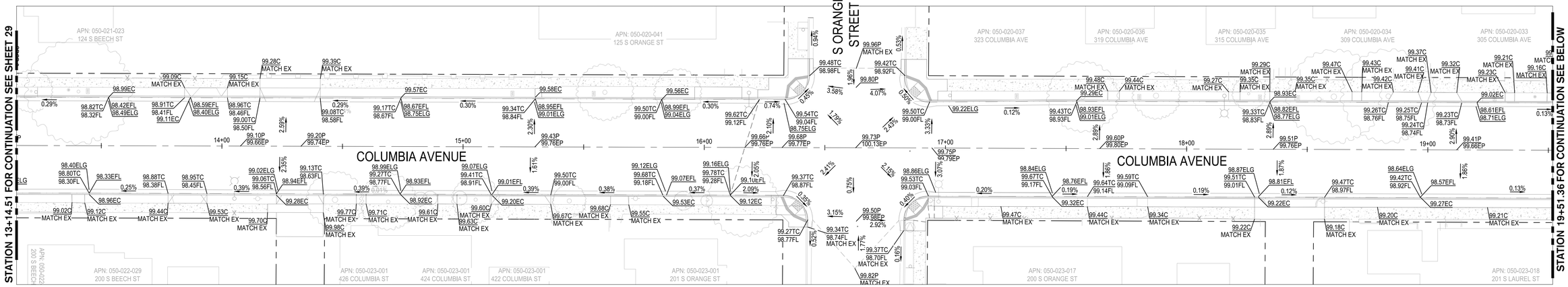
GRADING PLAN
COLUMBIA AVENUE GRADING PLAN - STATION 1+00 TO 13+14.51
CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

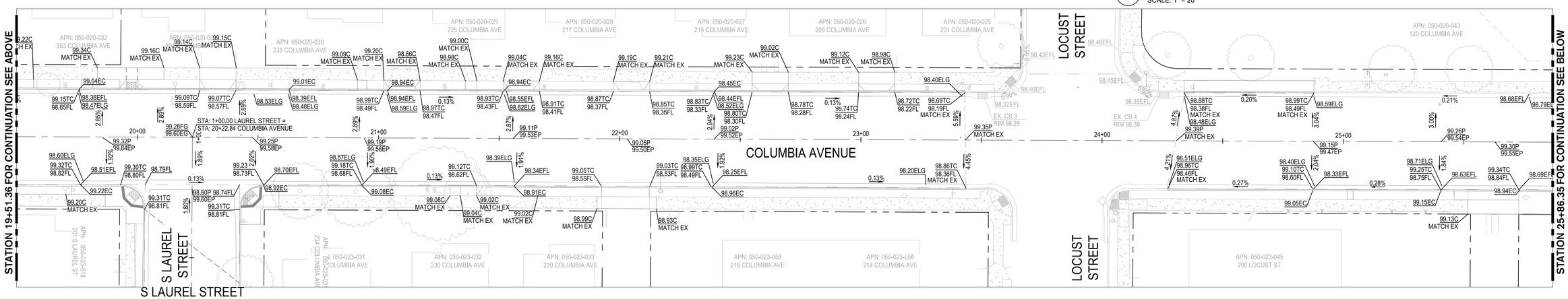
VERIFY SCALE
0 1"

| | |
|---|---|
| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 29 |
| CH. BY: AKM | |
| DATE: 4/2/2024 | |
| SCALE: SEE SHEET | SHEET: |
| SEI PROJ NO: 22157 | 29 OF 49 |

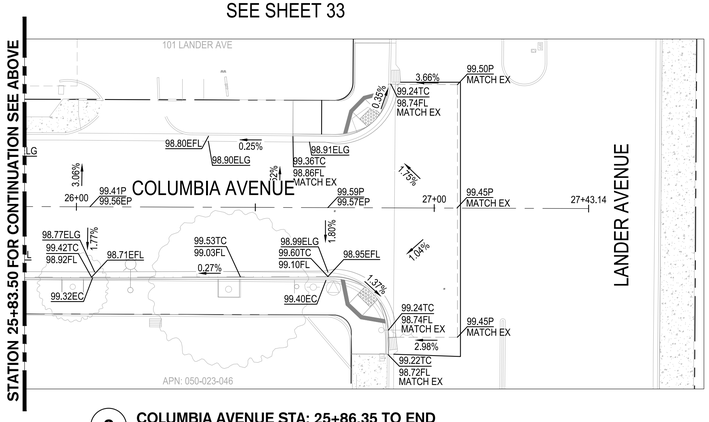
FILE: F:\22projects\22157 City of Turlock Road CIP\Plans and Graphics\Improvement Plans\22157 C-26 COLUMBIA AVE GRADING PLAN.dwg
DATE & TIME PLOTTED: 4/02/24 3:19 PM




1 **COLUMBIA AVENUE STA: 13+14.51 TO 19+51.36**
SCALE: 1" = 20'




2 **COLUMBIA AVENUE STA: 19+51.36 TO 25+86.35**
SCALE: 1" = 20'




3 **COLUMBIA AVENUE STA: 25+86.35 TO END**
SCALE: 1" = 20'

## GRADING LEGEND

| ABBREVIATION | DESCRIPTION |
|---|---|
| BW | BACK OF WALK |
| C | CONCRETE |
| EC | EXISTING CONCRETE |
| EFL | EXISTING FLOWLINE |
| ELG | EXISTING LIP OF GUTTER |
| EG | EXISTING GROUND |
| EL | ELEVATION |
| EP | EXISTING PAVEMENT |
| EX. | EXISTING |
| FG | FINISH GROUND |
| FL | FLOWLINE |
| G | GROUND |
| GB | GRADE BREAK |
| HP | HIGH POINT |
| LP | LOW POINT |
| MAX | MAXIMUM |
| MIN | MINIMUM |
| P | PAVEMENT |
| TC | TOP OF CURB |
| TOW | TOP OF WALL |
| TYP | TYPICAL |

## LEGEND

- GRADE SLOPE PERCENTAGE
- EXISTING GRADE SLOPE PERCENTAGE
- GRADE BREAK / RIDGE

0' 10' 20' 40'
SCALE: 1"=20'

Know what's **below.** **Call** before you dig.

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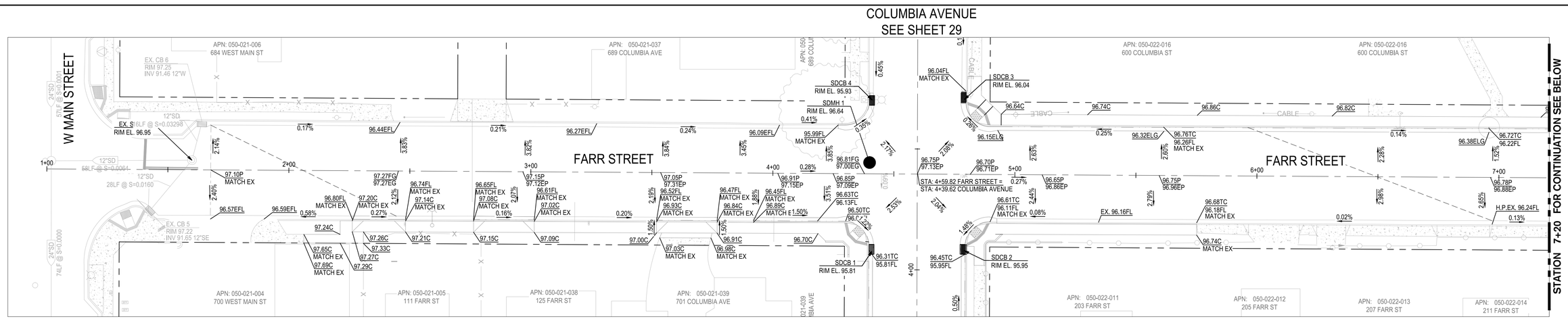
GRADING PLAN
COLUMBIA AVENUE GRADING PLAN - STATION 13+14.51 TO END
CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

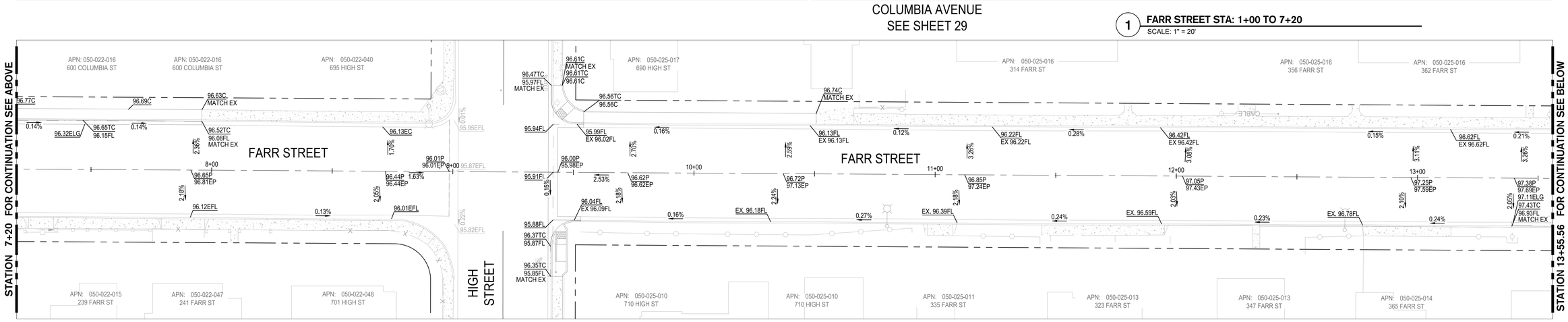
VERIFY SCALE
0 1"

| | |
|---|---|
| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 30 |
| CH. BY: AKM | |
| DATE: 4/2/2024 | |
| SCALE: SEE SHEET | SHEET: |
| SEI PROJ NO: 22157 | 30 OF 49 |

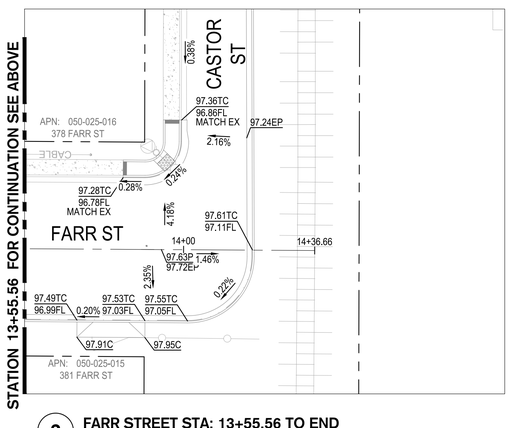
FILE: F:\22projects\22157 City of Turlock Road CIP\Plans and Graphics\Improvement Plans\22157 C-26 COLUMBIA AVE GRADING PLAN.dwg
DATE & TIME PLOTTED: 4/02/24 3:19 PM




1 **FARR STREET STA: 1+00 TO 7+20**
SCALE: 1" = 20'




2 **FARR STREET STA: 7+20 TO 13+55.56**
SCALE: 1" = 20'




2 **FARR STREET STA: 13+55.56 TO END**
SCALE: 1" = 20'

## GRADING LEGEND

| ABBREVIATION | DESCRIPTION |
|---|---|
| BW | BACK OF WALK |
| C | CONCRETE |
| EC | EXISTING CONCRETE |
| EFL | EXISTING FLOWLINE |
| ELG | EXISTING LIP OF GUTTER |
| EG | EXISTING GROUND |
| EL | ELEVATION |
| EP | EXISTING PAVEMENT |
| EX. | EXISTING |
| FG | FINISH GROUND |
| FL | FLOWLINE |
| G | GROUND |
| GB | GRADE BREAK |
| HP | HIGH POINT |
| LP | LOW POINT |
| MAX | MAXIMUM |
| MIN | MINIMUM |
| P | PAVEMENT |
| TC | TOP OF CURB |
| TOW | TOP OF WALL |
| TYP | TYPICAL |

## LEGEND

- GRADE SLOPE PERCENTAGE
- EXISTING GRADE SLOPE PERCENTAGE
- GRADE BREAK / RIDGE

0' 10' 20' 40'
SCALE: 1"=20'

Know what's **below.** **Call** before you dig.

NOTE:
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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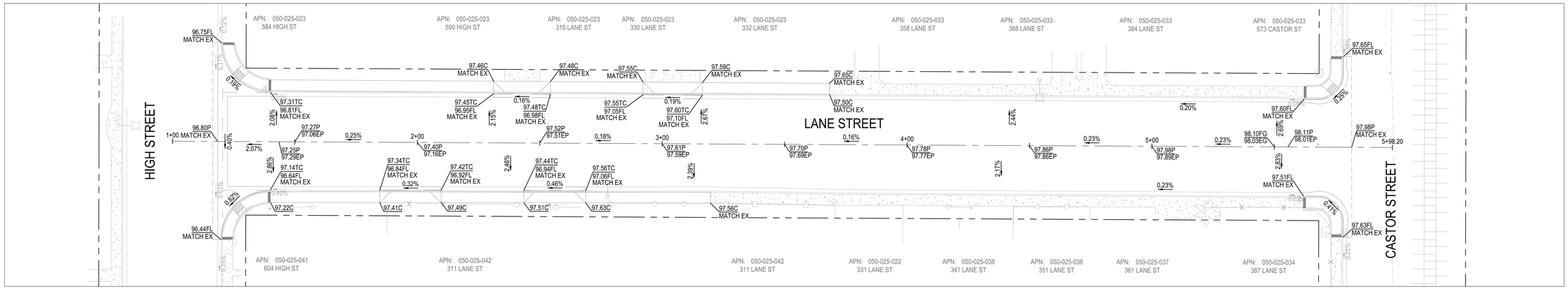
156 S. BROADWAY,
SUITE 150
(209) 668-5520

GRADING PLAN
FARR STREET GRADING PLAN
CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

VERIFY SCALE
0 1"

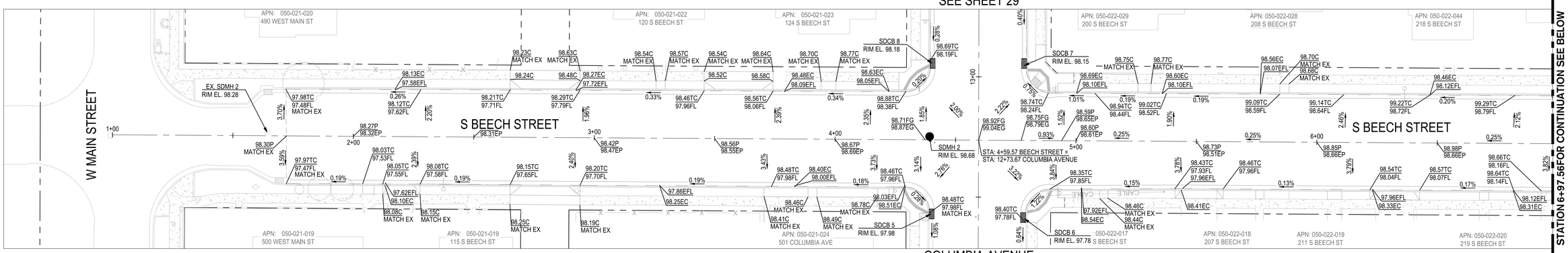
| | |
|---|---|
| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 31 |
| CH. BY: AKM | |
| DATE: 4/2/2024 | |
| SCALE: SEE SHEET | SHEET: |
| SEI PROJ NO: 22157 | 31 OF 49 |

FILE: F:\22projects\22157 City of Turlock Road CIP\Plans and Graphics\Improvement Plans\22157 C-29 FARR STREET GRADING PLAN.dwg
DATE & TIME PLOTTED: 4/02/24 3:19 PM



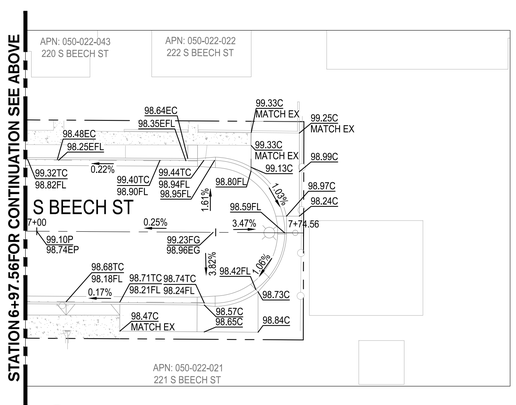

1 **LANE STREET STA: 1+00 TO END**
SCALE: 1" = 20'

COLUMBIA AVENUE
SEE SHEET 29




COLUMBIA AVENUE
SEE SHEET 29

2 **S BEECH STREET STA: 1+00 TO 6+97.56**
SCALE: 1" = 20'




3 **S BEECH STREET STA: 6+97.56 TO END**
SCALE: 1" = 20'

## GRADING LEGEND

| ABBREVIATION | DESCRIPTION |
|---|---|
| BW | BACK OF WALK |
| C | CONCRETE |
| EC | EXISTING CONCRETE |
| EFL | EXISTING FLOWLINE |
| ELG | EXISTING LIP OF GUTTER |
| EG | EXISTING GROUND |
| EL | ELEVATION |
| EP | EXISTING PAVEMENT |
| EX. | EXISTING |
| FG | FINISH GROUND |
| FL | FLOWLINE |
| G | GROUND |
| GB | GRADE BREAK |
| HP | HIGH POINT |
| LP | LOW POINT |
| MAX | MAXIMUM |
| MIN | MINIMUM |
| P | PAVEMENT |
| TC | TOP OF CURB |
| TOW | TOP OF WALL |
| TYP | TYPICAL |

## LEGEND

- % — GRADE SLOPE PERCENTAGE
- % — EXISTING GRADE SLOPE PERCENTAGE
- GRADE BREAK / RIDGE

0' 10' 20' 40'
SCALE: 1"=20'

Know what's **below.** **Call** before you dig.

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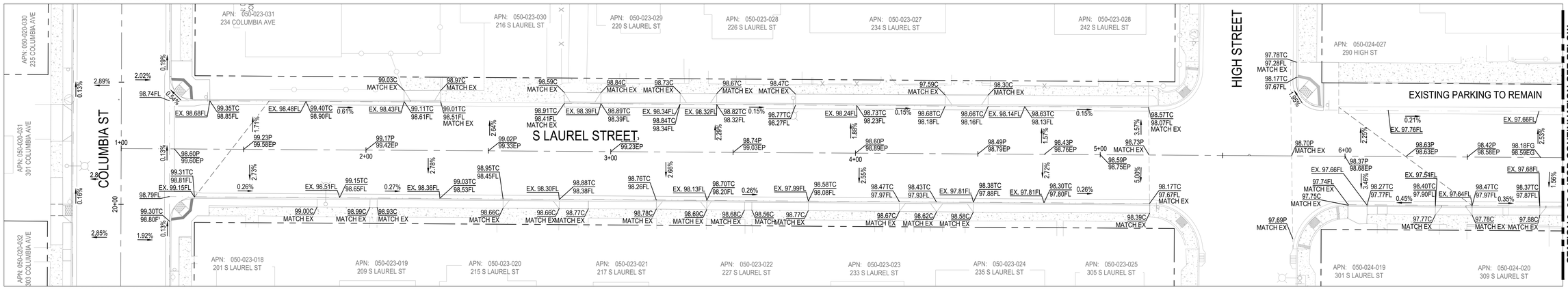
GRADING PLAN
LANE STREET & S. BEECH STREET GRADING PLAN
CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

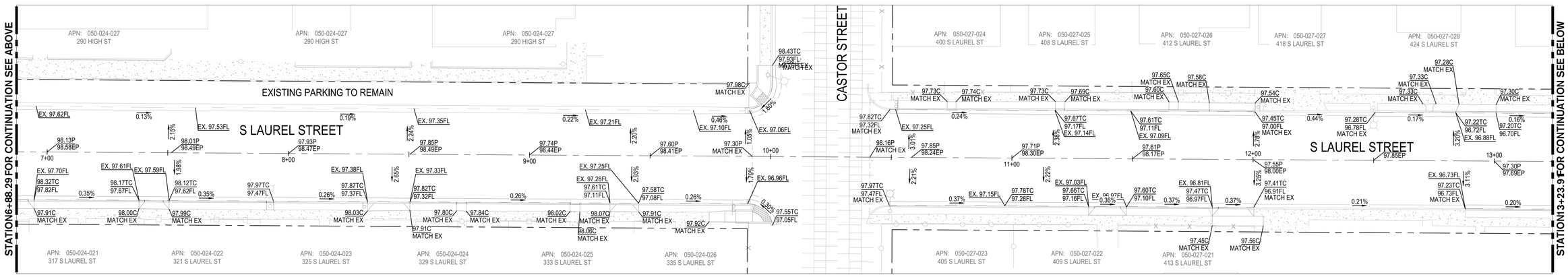
VERIFY SCALE
0 1"

| | |
|---|---|
| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 32 |
| CH. BY: AKM | |
| DATE: 4/2/2024 | |
| SCALE: SEE SHEET | SHEET: |
| SEI PROJ NO: 22157 | 32 OF 49 |

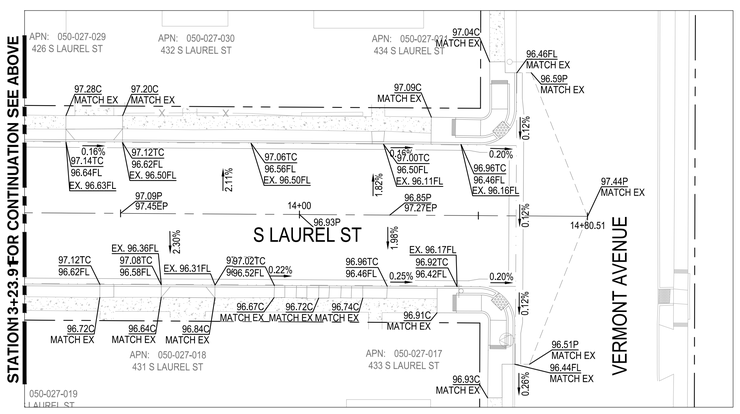
FILE: F:\22projects\22157 City of Turlock Road CIP\Plans and Graphics\Improvement Plans\22157 C-30 LANE STREET & BEECH STREET GRADING PLAN.dwg
DATE & TIME PLOTTED: 4/02/24 3:19 PM




1 **S LAUREL STREET STA: 1+00 TO 6+88.84**
SCALE: 1" = 20'




2 **S LAUREL STREET STA: 6+88.84 TO 13+23.91**
SCALE: 1" = 20'




3 **S LAUREL STREET STA: 13+23.91 TO END**
SCALE: 1" = 20'

## GRADING LEGEND

| ABBREVIATION | DESCRIPTION |
|---|---|
| BW | BACK OF WALK |
| C | CONCRETE |
| EC | EXISTING CONCRETE |
| EFL | EXISTING FLOWLINE |
| ELG | EXISTING LIP OF GUTTER |
| EG | EXISTING GROUND |
| EL | ELEVATION |
| EP | EXISTING PAVEMENT |
| EX. | EXISTING |
| FG | FINISH GROUND |
| FL | FLOWLINE |
| G | GROUND |
| GB | GRADE BREAK |
| HP | HIGH POINT |
| LP | LOW POINT |
| MAX | MAXIMUM |
| MIN | MINIMUM |
| P | PAVEMENT |
| TC | TOP OF CURB |
| TOW | TOP OF WALL |
| TYP | TYPICAL |

## LEGEND

- GRADE SLOPE PERCENTAGE
- EXISTING GRADE SLOPE PERCENTAGE
- GRADE BREAK / RIDGE

0' 10' 20' 40'
SCALE: 1"=20'

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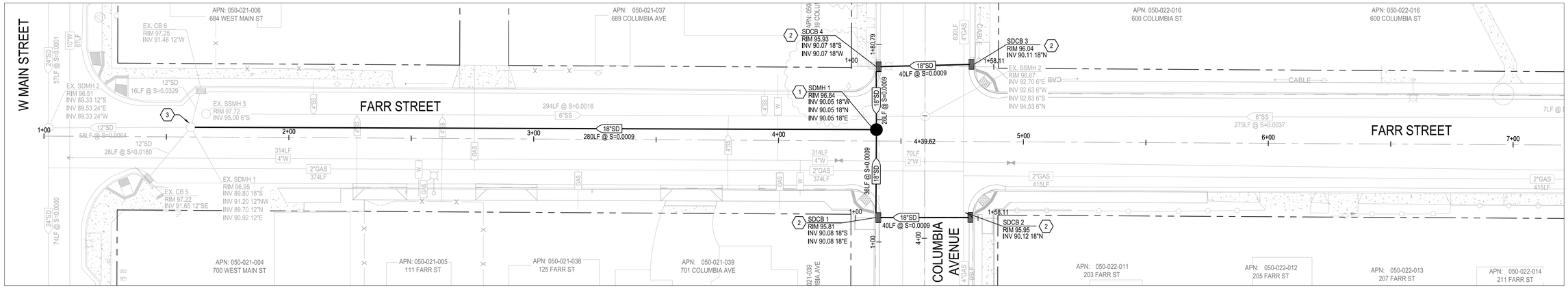
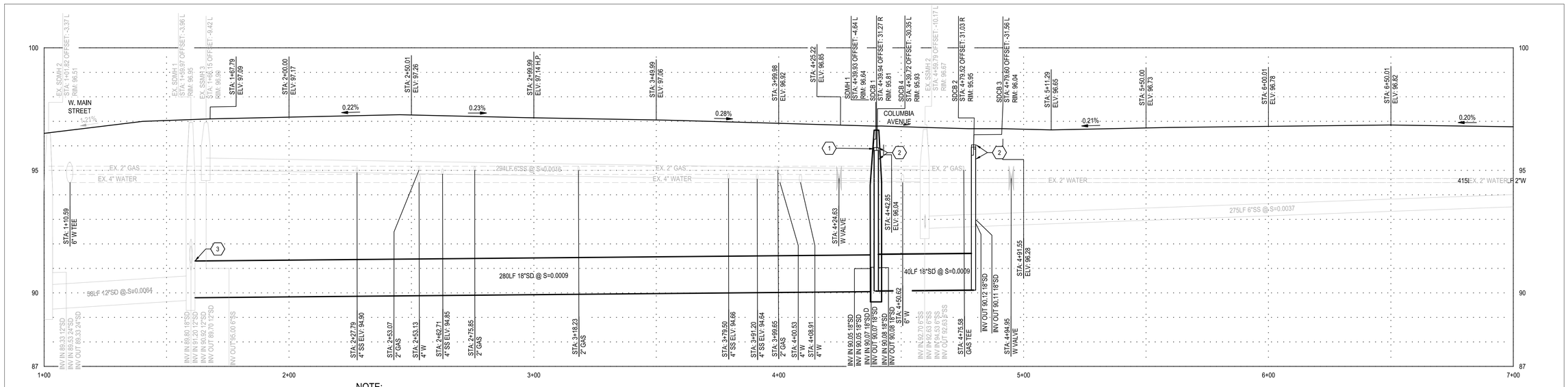
GRADING PLAN
S. LAUREL STREET GRADING PLAN
CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

VERIFY SCALE 0 1"

| | |
|---|---|
| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 33 |
| CH. BY: AKM | |
| DATE: 4/2/2024 | |
| SCALE: SEE SHEET | SHEET: |
| SEI PROJ NO: 22157 | 33 OF 49 |

FILE: F:\22projects\22157 City of Turlock Road CIP\Plans and Graphics\Improvement Plans\22157 C-31 LAUREL STREET GRADING PLAN.dwg
DATE & TIME PLOTTED: 4/02/24 3:20 PM




NOTE:
DEPTH OF EXISTING UTILITIES ARE APPROXIMATE.
CONTRACTOR SHALL VERIFY THE ACTUAL DEPTH AND HORIZONTAL LOCATION OF EXISTING UNDERGROUND UTILITIES WHICH MAY CONFLICT WITH PROPOSED UNDERGROUND STORM DRAIN SYSTEMS OR ANY WORK ASSOCIATED WITH THIS CONTRACT.

**FARR STREET**
**HORZ. SCALE: 1"=20'**
**VERT. SCALE: 1"=2'**

## DRAINAGE NOTES:

1. CONTRACTOR SHALL VERIFY THE ACTUAL DEPTH AND HORIZONTAL LOCATION OF EXISTING UNDERGROUND UTILITIES WHICH MAY CONFLICT WITH PROPOSED UNDERGROUND STORM DRAIN SYSTEMS OR ANY WORK ASSOCIATED WITH THIS CONTRACT.
2. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 1' VERTICAL CLEARANCE BELOW EXISTING WATER LINES.
3. ALL UTILITY LINES SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED ON THE PLANS.
4. EXISTING CATCH BASINS, PIPES, WATER VALVES, AND MANHOLES TO PROTECTED IN PLACE UNLESS OTHERWISE NOTED ON THE PLANS.

## CONSTRUCTION KEYNOTES:

1. INSTALL MANHOLE, FRAME, AND COVER PER CITY OF TURLOCK STD. S-3 AND S-5
2. INSTALL CATCH BASIN AND FRAME PER CITY OF TURLOCK STD. SD-3 AND SD-5.
3. CONNECT TO EXISTING STORM DRAIN MANHOLE. SEE DETAIL 6 ON SHEET 19.

0' 10' 20' 40'
SCALE: 1"=20'

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FARR STREET-STORM DRAIN PROFILES I

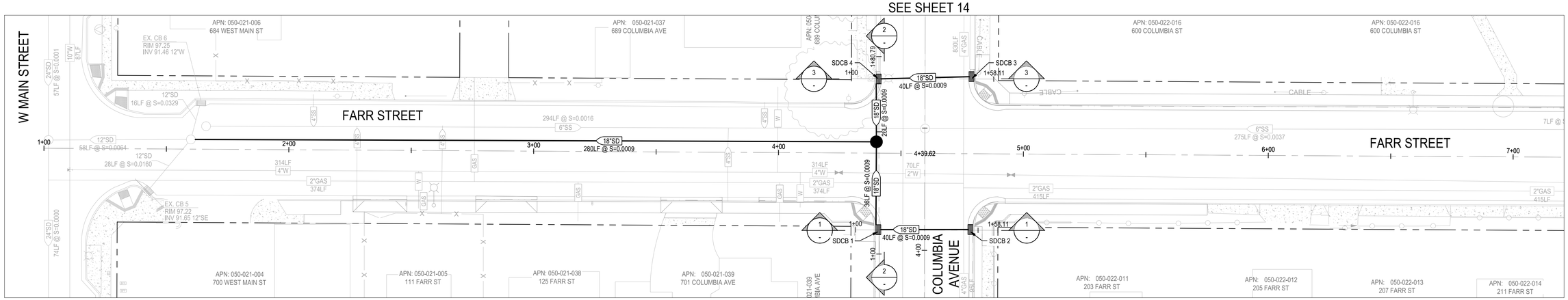
CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

VERIFY SCALE
0 1"

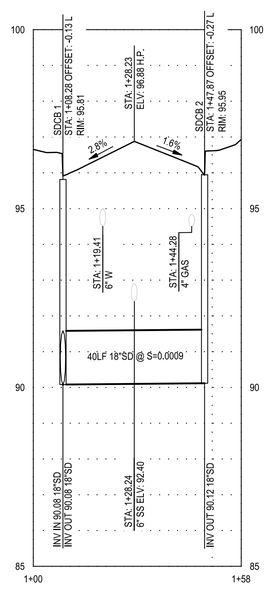
| | |
|---|---|
| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 34 |
| CH. BY: AKM | |
| DATE: 4/2/2024 | |
| SCALE: SEE SHEET | SHEET: |
| SEI PROJ NO: 22157 | 34 OF 49 |

FILE: F:\22projects\22157 City of Turlock Road CIP\Plans and Graphics\Improvement Plans\22157 C-35 FARR STREET STORM DRAIN.dwg
DATE & TIME PLOTTED: 4/02/24 3:20 PM

COLUMBIA AVENUE
SEE SHEET 14

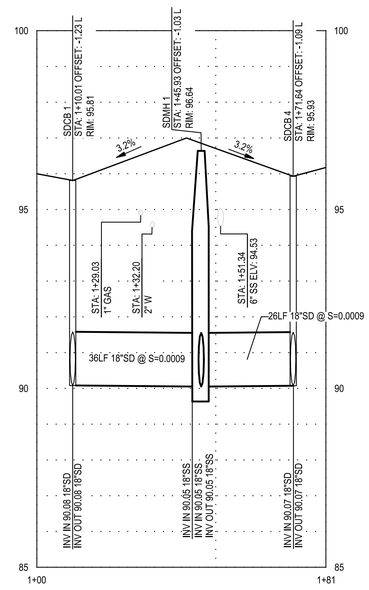



COLUMBIA AVENUE
SEE SHEET 14



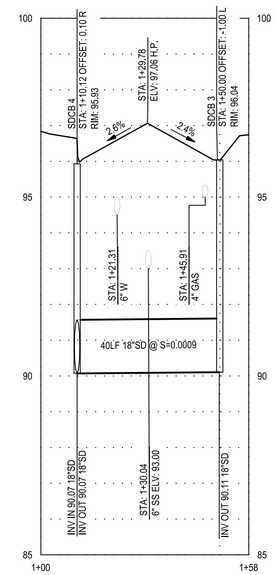

**SDCB 1 TO SDCB 2**
**HORZ. SCALE: 1"=20'**
**VERT. SCALE: 1"=2'**

1 **SDCB 1 TO SDCB 2 CROSS SECTION**
SCALE: AS NOTED




**SDCB 1 TO SDCB 4**
**HORZ. SCALE: 1"=20'**
**VERT. SCALE: 1"=2'**

2 **SDCB 1 TO SDCB 4 CROSS SECTION**
SCALE: AS NOTED




**SDCB 4 TO SDCB 3**
**HORZ. SCALE: 1"=20'**
**VERT. SCALE: 1"=2'**

3 **SDCB 4 TO SDCB 3 CROSS SECTION**
SCALE: AS NOTED

NOTE:
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0' 10' 20' 40'
SCALE: 1"=20'

811 Know what's **below.** **Call** before you dig.

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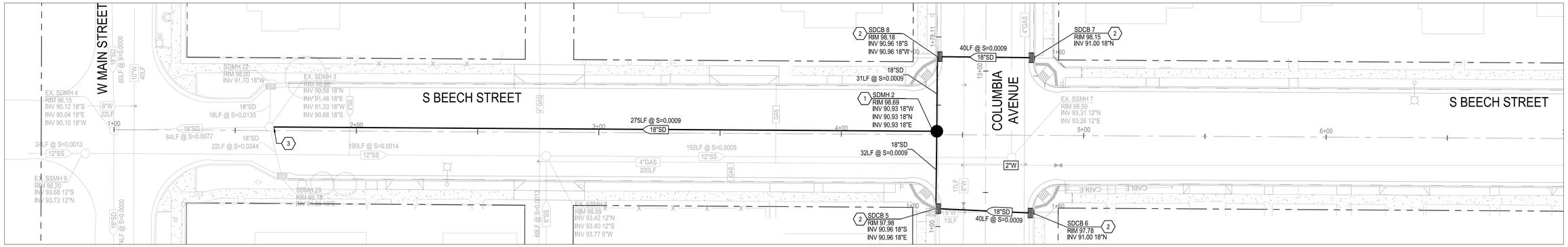
FARR STREET-STORM DRAIN PROFILES II

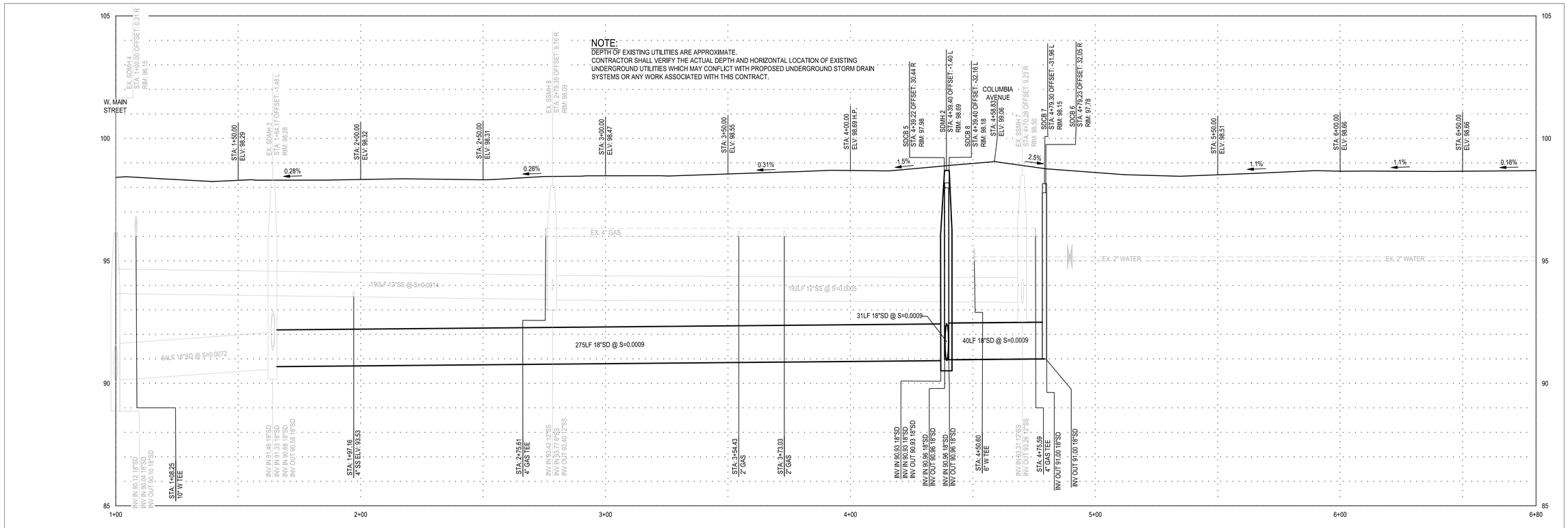
CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

VERIFY SCALE
0 1"

| | |
|---|---|
| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 35 |
| CH. BY: AKM | |
| DATE: 4/2/2024 | |
| SCALE: SEE SHEET | SHEET: |
| SEI PROJ NO: 22157 | 35 OF 49 |

FILE: F:\22projects\22157 C-35 FARR STREET STORM DRAIN\City of Turlock Road CIP\Plans and Graphics\Improvement Plans.dwg
DATE & TIME PLOTTED: 4/02/24 3:20 PM




**BEECH STREET**
**HORZ. SCALE: 1"=20'**
**VERT. SCALE: 1"=2'**

## DRAINAGE NOTES:

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## CONSTRUCTION KEYNOTES:

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2. INSTALL CATCH BASIN AND FRAME PER CITY OF TURLOCK STD. SD-3 AND SD-5.
3. CONNECT TO EXISTING STORM DRAIN MANHOLE. SEE DETAIL 5 ON SHEET 19.

0' 10' 20' 40'
SCALE: 1"=20'

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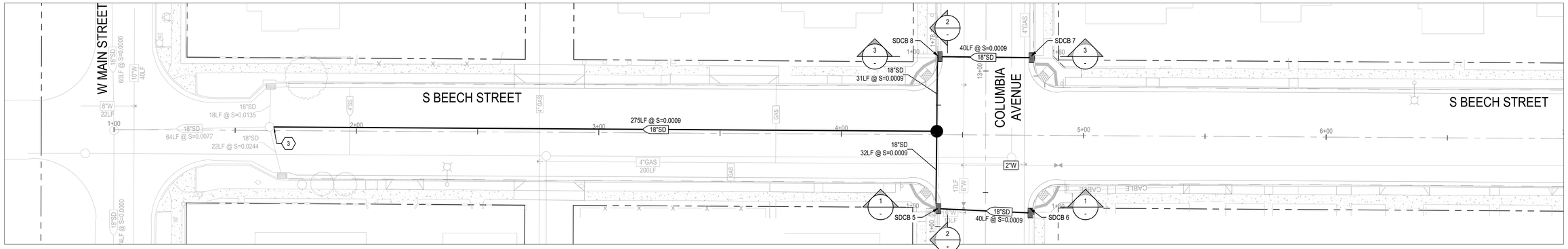
S BEECH STREET-STORM DRAIN PROFILES I

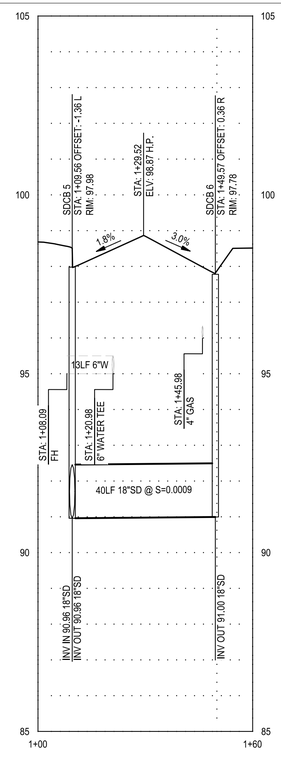
CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

VERIFY SCALE
0 1"

| | |
|---|---|
| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 36 |
| CH. BY: AKM | |
| DATE: 4/2/2024 | |
| SCALE: SEE SHEET | SHEET: |
| SEI PROJ NO: 22157 | 36 OF 49 |

FILE: F:\22projects\22157 City of Turlock Road CIP\Plans and Graphics\Improvement Plans\22157 C-37 S BEECH STREET STORM DRAIN.dwg
DATE & TIME PLOTTED: 4/02/24 3:20 PM




**SDCB 5 TO SDCB 6**
**HORZ. SCALE: 1"=20'**
**VERT. SCALE: 1"=2'**

NOTE:
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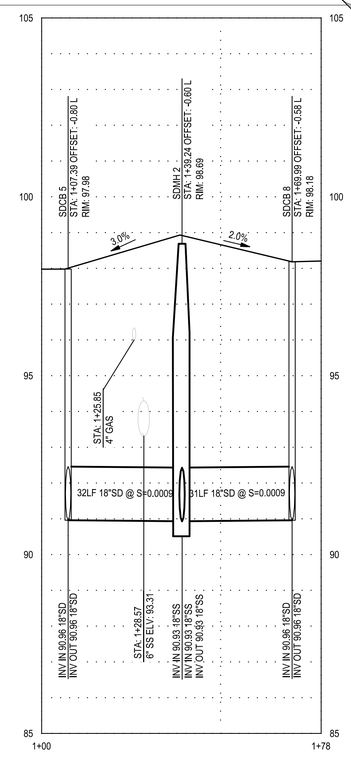
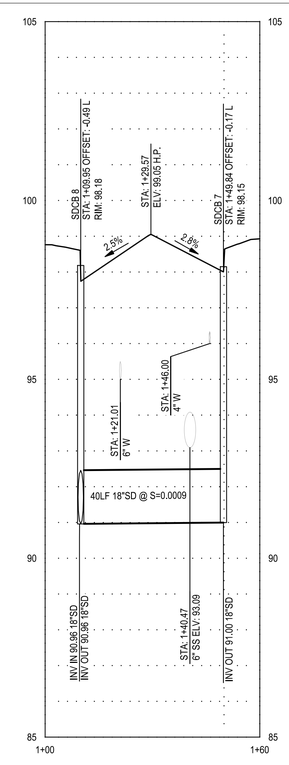



**SDCB 5 TO SDCB 8**
**HORZ. SCALE: 1"=20'**
**VERT. SCALE: 1"=2'**




**SDCB 8 TO SDCB 7**
**HORZ. SCALE: 1"=20'**
**VERT. SCALE: 1"=2'**

1 **SDCB 5 TO SDCB 6 CROSS SECTION PROFILE**
SCALE: AS NOTED

2 **SDCB 5 TO SDCB 8 CROSS SECTION PROFILE**
SCALE: AS NOTED

3 **SDCB 8 TO SDCB 7 CROSS SECTION PROFILE**
SCALE: AS NOTED

0' 10' 20' 40'
SCALE: 1"=20'

811 Know what's **below.** **Call** before you dig.

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S BEECH STREET-STORM DRAIN PROFILES II

CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

VERIFY SCALE
0 1"

| | |
|---|---|
| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 37 |
| CH. BY: AKM | |
| DATE: 4/2/2024 | |
| SCALE: SEE SHEET | SHEET: |
| SEI PROJ NO: 22157 | 37 OF 49 |

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## 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 THE 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 FOR 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:

| EDITION | DESCRIPTION |
|---|---|
| 2016 | CITY OF TURLOCK STANDARDS SPECIFICATIONS AND DRAWINGS |
| 2018 | CALTRANS STANDARD PLANS |
| 2014 | CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD) |

3. NOTIFICATIONS: THE CONTRACTOR SHALL NOTIFY RELEVANT AGENCIES A MINIMUM OF SEVEN (7) WORKING DAYS PRIOR TO ANY EXCAVATION, CONSTRUCTION, OR TRAFFIC CONTROL.

4. THE CONTRACTOR SHALL NOTIFY PROPERTY OWNERS AND TENANT 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 DISLODGE. UPON COMPLETION OF EXCAVATION BACK FILL, THE CONTRACTOR SHALL PROVIDE A SATISFACTORY SURFACE FOR TRAFFIC. WEN 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 THE TRAFFIC CONTROL DEVICES: THE CONTRACTOR SHALL REPAIR OR REPLACE TRAFFIC CONTROL DEVICES (INCLUDING TRAFFIC SIGNS, STRIPING, PAVEMENT MARKERS, PAVEMENT MARKINGS, LEGEND, CURB MARKING, 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 IMPROVEMENTS.

8. TEMPORARY TRAFFIC SIGNAL DETECTION: THE CONTRACTOR SHALL INSTALL CITY APPROVED TEMPORARY VIDEO OR RADAR DETECTION WHEN EXISTING TRAFFIC SIGNAL DETECTION 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 RESTOREINSTALL 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 III BARRICADES WITHIN THE WORK ZONE, AHEAD OF MANY WORK AREA WHICH INCLUDES THE 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 A TRAFFIC CONTROL WORKING DRAWINGS AND SUBMIT THEM TO THE CITY RESIDENT ENGINEER. THE CONTRACTOR SHALL ALLOW A MINIMUM OF TWENTY (20) WORKING DAYS FOR THE 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 THE 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 AT THE SAME TIME.

## SEQUENCE OF CONSTRUCTION NOTES:

COLUMBIA AVENUE

STAGE 1
1. IMPLEMENT DETOUR PLAN PER SHEET 39.
2. IMPLEMENT TRAFFIC CONTROL PLANS PER SHEET 40 FOR COLUMBIA AVENUE FROM WEST AVENUE S TO LANDER AVENUE
3. CONSTRUCT THE SOUTH HALF OF COLUMBIA AVENUE BETWEEN WEST AVENUE S TO LANDER AVENUE
4. AT THE COMPLETION OF FIRST BLOCK ON COLUMBIA AVENUE BETWEEN WEST AVENUE S AND FARR STREET, SHIFT TRAFFIC CONTROL AND CONSTRUCT THE SOUTH HALF OF COLUMBIA AVENUE FOR THE NEXT BLOCK TO THE EAST OF THE PRIOR BLOCK.
5. REPEAT THE PROCESS UNTIL THE SOUTH HALF OF COLUMBIA AVENUE FROM WEST AVENUE S TO LANDER AVENUE IS CONSTRUCTED COMPLETELY.
6. REMOVE ALL TRAFFIC CONTROL AND DETOUR DEVICES AND CONTINUE TO STAGE 2.

STAGE 2
1. IMPLEMENT DETOUR PLAN PER SHEET 39.
2. IMPLEMENT TRAFFIC CONTROL PLANS PER SHEET 41 FOR COLUMBIA AVENUE FROM WEST AVENUE S TO LANDER AVENUE
3. CONSTRUCT THE NORTH HALF OF COLUMBIA AVENUE BETWEEN WEST AVENUE S TO LANDER AVENUE
4. AT THE COMPLETION OF FIRST BLOCK ON COLUMBIA AVENUE BETWEEN WEST AVENUE S AND FARR STREET, SHIFT TRAFFIC CONTROL AND CONSTRUCT THE NORTH HALF OF COLUMBIA AVENUE FOR THE NEXT BLOCK TO THE EAST OF THE PRIOR BLOCK.
5. REPEAT THE PROCESS UNTIL THE NORTH HALF OF COLUMBIA AVENUE FROM WEST AVENUE S TO LANDER AVENUE IS CONSTRUCTED COMPLETELY.
6. REMOVE ALL TRAFFIC CONTROL AND DETOUR DEVICES.

FARR STREET

STAGE 1
1. IMPLEMENT DETOUR PLAN PER SHEET 39.
2. IMPLEMENT TRAFFIC CONTROL PLANS PER SHEET 42 FOR FARR STREET FROM W MAIN STREET TO CASTOR STREET.
3. CONSTRUCT THE EAST HALF OF FARR STREET BETWEEN W MAIN STREET AND CASTOR STREET.
4. AT THE COMPLETION OF FIRST BLOCK ON FARR STREET BETWEEN W MAIN STREET AND COLUMBIA AVENUE, SHIFT TRAFFIC CONTROL AND CONSTRUCT THE EAST HALF OF FARR STREET FOR THE NEXT BLOCK TO THE SOUTH OF THE PRIOR BLOCK.
5. REPEAT THE PROCESS UNTIL THE EAST HALF OF FARR STREET FROM W MAIN STREET TO CASTOR STREET IS CONSTRUCTED COMPLETELY.
6. REMOVE ALL TRAFFIC CONTROL AND DETOUR DEVICES AND CONTINUE TO STAGE 2.

STAGE 2
1. IMPLEMENT DETOUR PLAN PER SHEET 39.
2. IMPLEMENT TRAFFIC CONTROL PLANS PER SHEET 43 FOR FARR STREET FROM W MAIN STREET TO CASTOR STREET.
3. CONSTRUCT THE WEST HALF OF FARR STREET BETWEEN W MAIN STREET AND CASTOR STREET.
4. AT THE COMPLETION OF FIRST BLOCK ON FARR STREET BETWEEN W MAIN STREET AND COLUMBIA AVENUE, SHIFT TRAFFIC CONTROL AND CONSTRUCT THE WEST HALF OF FARR STREET FOR THE NEXT BLOCK TO THE SOUTH OF THE PRIOR BLOCK.
5. REPEAT THE PROCESS UNTIL THE WEST HALF OF FARR STREET FROM W MAIN STREET TO CASTOR STREET IS CONSTRUCTED COMPLETELY.
6. REMOVE ALL TRAFFIC CONTROL AND DETOUR DEVICES.

LANE STREET

STAGE 1
1. IMPLEMENT DETOUR PLAN PER SHEET 39.
2. IMPLEMENT TRAFFIC CONTROL PLANS PER SHEET 46 FOR LANE STREET FROM HIGH STREET TO CASTOR STREET.
3. CONSTRUCT THE EAST HALF OF LANE STREET BETWEEN HIGH STREET AND CASTOR STREET.
4. AT THE COMPLETION OF THE EAST HALF OF LANE STREET BETWEEN HIGH STREET AND CASTOR STREET REMOVE ALL TRAFFIC CONTROL AND DETOUR DEVICES AND CONTINUE TO STAGE 2.

STAGE 2
1. IMPLEMENT DETOUR PLAN PER SHEET 39.
2. IMPLEMENT TRAFFIC CONTROL PLANS PER SHEET 47 FOR LANE STREET FROM HIGH STREET TO CASTOR STREET.
3. CONSTRUCT THE WEST HALF OF LANE STREET BETWEEN HIGH STREET AND CASTOR STREET.
4. AT THE COMPLETION OF THE WEST HALF OF LANE STREET BETWEEN HIGH STREET AND CASTOR STREET REMOVE ALL TRAFFIC CONTROL AND DETOUR DEVICES.

S. BEECH STREET

STAGE 1
1. IMPLEMENT DETOUR PLAN PER SHEET 39.
2. IMPLEMENT TRAFFIC CONTROL PLANS PER SHEET 44 FOR S. BEECH STREET FROM W MAIN STREET TO S. BEECH STREET AT DEAD END.
3. CONSTRUCT THE EAST HALF OF S. BEECH STREET BETWEEN W MAIN STREET AND S. BEECH STREET AT DEAD END.
4. AT THE COMPLETION OF FIRST BLOCK ON S. BEECH STREET BETWEEN W MAIN STREET AND COLUMBIA AVENUE, SHIFT TRAFFIC CONTROL AND CONSTRUCT THE EAST HALF OF S. BEECH STREET FOR THE NEXT BLOCK TO THE SOUTH OF THE PRIOR BLOCK.
5. REPEAT THE PROCESS UNTIL THE EAST HALF OF S. BEECH STREET FROM W MAIN STREET TO S. BEECH STREET AT DEAD END IS CONSTRUCTED COMPLETELY.
6. REMOVE ALL TRAFFIC CONTROL AND DETOUR DEVICES AND CONTINUE TO STAGE 2.

STAGE 2
1. IMPLEMENT DETOUR PLAN PER SHEET 39.
2. IMPLEMENT TRAFFIC CONTROL PLANS PER SHEET 45 FOR S. BEECH STREET FROM W MAIN STREET TO S. BEECH STREET AT DEAD END.
3. CONSTRUCT THE WEST HALF OF S. BEECH STREET BETWEEN W MAIN STREET AND S. BEECH STREET AT DEAD END.
4. AT THE COMPLETION OF FIRST BLOCK ON S. BEECH STREET BETWEEN W MAIN STREET AND COLUMBIA AVENUE, SHIFT TRAFFIC CONTROL AND CONSTRUCT THE WEST HALF OF S. BEECH STREET FOR THE NEXT BLOCK TO THE SOUTH OF THE PRIOR BLOCK.
5. REPEAT THE PROCESS UNTIL THE WEST HALF OF S. BEECH STREET FROM W MAIN STREET TO S. BEECH STREET AT DEAD END IS CONSTRUCTED COMPLETELY.
6. REMOVE ALL TRAFFIC CONTROL AND DETOUR DEVICES.

S. LAUREL STREET

STAGE 1
1. IMPLEMENT DETOUR PLAN PER SHEET 39.
2. IMPLEMENT TRAFFIC CONTROL PLANS PER SHEET 48 FOR S. LAUREL STREET FROM COLUMBIA AVENUE TO VERMONT AVENUE.
3. CONSTRUCT THE EAST HALF OF S. LAUREL STREET BETWEEN COLUMBIA AVENUE AND VERMONT AVENUE.
4. AT THE COMPLETION OF FIRST BLOCK ON S. LAUREL STREET BETWEEN COLUMBIA AVENUE AND HIGH STREET, SHIFT TRAFFIC CONTROL AND CONSTRUCT THE EAST HALF OF S. LAUREL STREET FOR THE NEXT BLOCK TO THE SOUTH OF THE PRIOR BLOCK.
5. REPEAT THE PROCESS UNTIL THE EAST HALF OF S. LAUREL STREET FROM COLUMBIA AVENUE TO VERMONT AVENUE IS CONSTRUCTED COMPLETELY.
6. REMOVE ALL TRAFFIC CONTROL AND DETOUR DEVICES AND CONTINUE TO STAGE 2.

STAGE 2
1. IMPLEMENT DETOUR PLAN PER SHEET 39.
2. IMPLEMENT TRAFFIC CONTROL PLANS PER SHEET 49 FOR S. LAUREL STREET FROM COLUMBIA AVENUE TO VERMONT AVENUE.
3. CONSTRUCT THE WEST HALF OF S. LAUREL STREET BETWEEN COLUMBIA AVENUE AND VERMONT AVENUE.
4. AT THE COMPLETION OF FIRST BLOCK ON S. LAUREL STREET BETWEEN COLUMBIA AVENUE AND HIGH STREET, SHIFT TRAFFIC CONTROL AND CONSTRUCT THE WEST HALF OF S. LAUREL STREET FOR THE NEXT BLOCK TO THE SOUTH OF THE PRIOR BLOCK.
5. REPEAT THE PROCESS UNTIL THE WEST HALF OF S. LAUREL STREET FROM COLUMBIA AVENUE TO VERMONT AVENUE IS CONSTRUCTED COMPLETELY.
6. REMOVE ALL TRAFFIC CONTROL AND DETOUR DEVICES.

NOTE: SPEED CATEGORY TO BE DETERMINED BY THE HIGHWAY AGENCY

TABLE 6H-3

| ROAD TYPE | DISTANCE BETWEEN SIGNS | | |
|---|---|---|---|
| | A | B | C |
| URBAN (LOW SPEED) | 100 FEET | 100 FEET | 100 FEET |
| URBAN (HIGH SPEED) | 350 FEET | 350 FEET | 350 FEET |
| RURAL | 500 FEET | 500 FEET | 500FEET |
| EXPRESS / FREEWAY | 1000 FEET | 1500 FEET | 2640 FEET |

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NOTE:
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DATE SIGNED: 04/02/24

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TRAFFIC CONTROL
TRAFFIC CONTROL NOTES
CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

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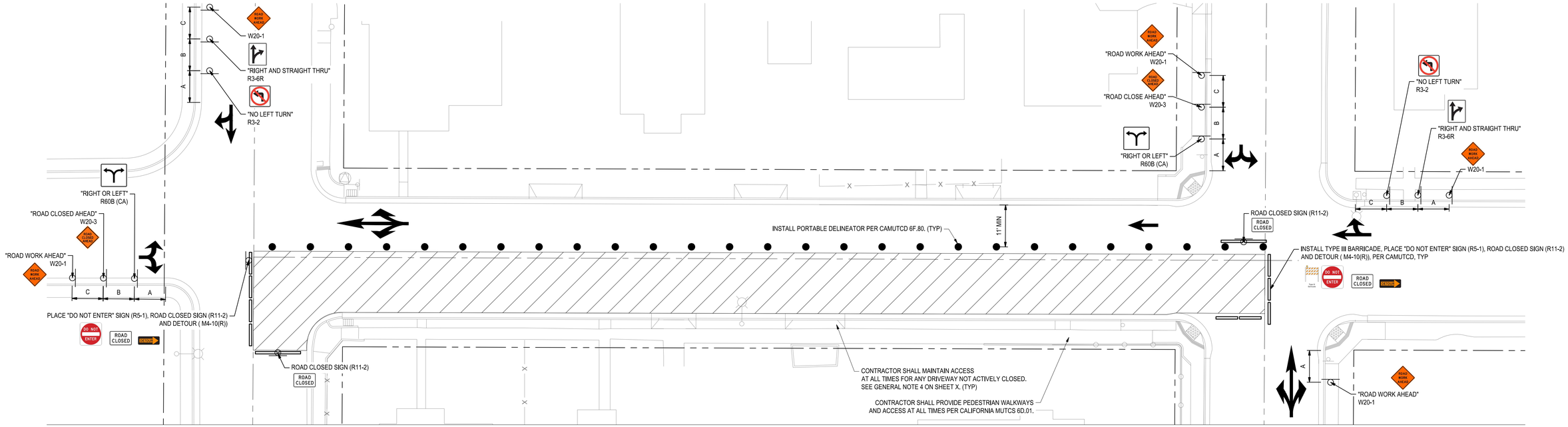
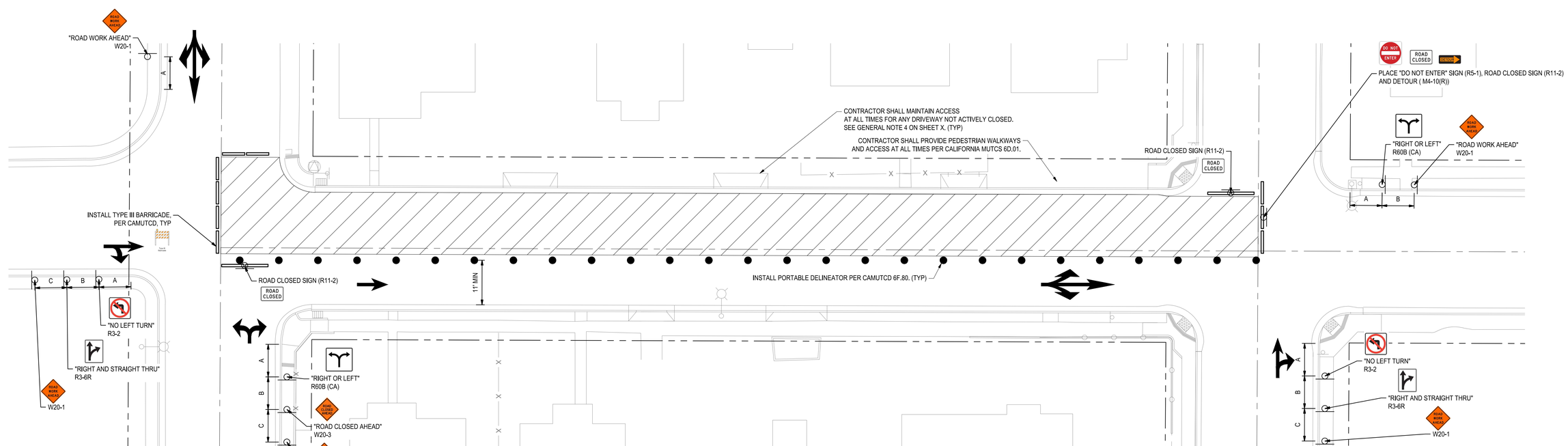



NOTE: FOR DIMENSION "A", "B", "C", SEE TABLE 6H-3 ON SHEET C-38.

**TRAFFIC CONTROL PLAN**
**CENTERLINE SIDE STREET TO CENTERLINE SIDE STREET STAGE 1**
NOT TO SCALE




NOTE: FOR DIMENSION "A", "B", "C", SEE TABLE 6H-3 ON SHEET C-38.

**TRAFFIC CONTROL PLAN**
**CENTERLINE SIDE STREET TO CENTERLINE SIDE STREET STAGE 2**
NOT TO SCALE

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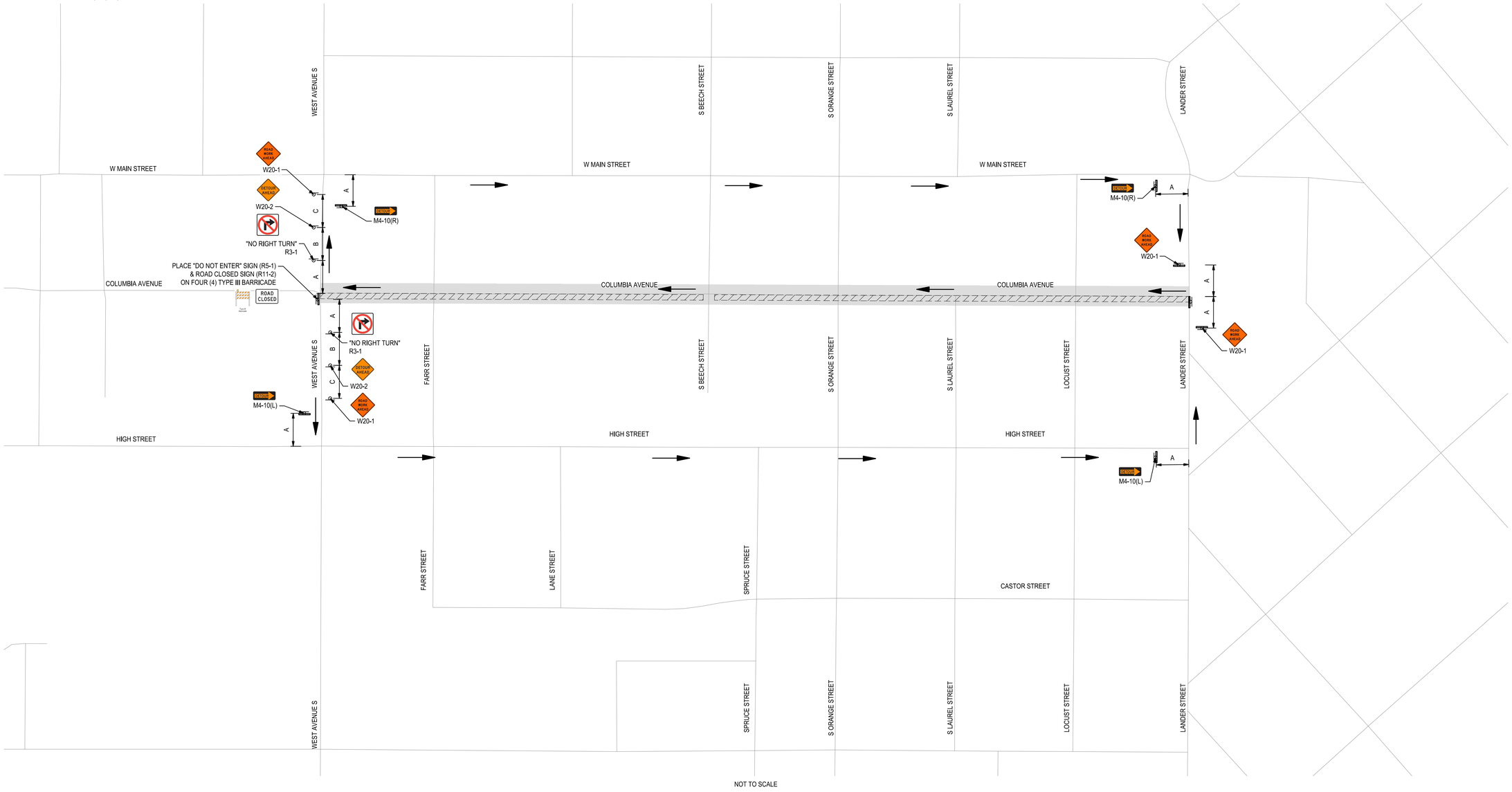
NOTE: FOR DIMENSION "A", "B", "C", SEE TABLE 6H-3 THIS SHEET.




NOTE: SPEED CATEGORY TO BE DETERMINED BY THE HIGHWAY AGENCY

TABLE 6H-3

| ROAD TYPE | DISTANCE BETWEEN SIGNS | | |
|---|---|---|---|
| | A | B | C |
| URBAN (LOW SPEED) | 100 FEET | 100 FEET | 100 FEET |
| URBAN (HIGH SPEED) | 350 FEET | 350 FEET | 350 FEET |
| RURAL | 500 FEET | 500 FEET | 500FEET |
| EXPRESS / FREEWAY | 1000 FEET | 1500 FEET | 2640 FEET |

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TRAFFIC CONTROL

COLUMBIA AVENUE STAGE 1-TRAFFIC CONTROL

CAPITAL PROJECT NO. 23-033
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NOTE: FOR DIMENSION "A", "B", "C", SEE TABLE 6H-3 THIS SHEET.


NOTE: SPEED CATEGORY TO BE DETERMINED BY THE HIGHWAY AGENCY

TABLE 6H-3

| ROAD TYPE | DISTANCE BETWEEN SIGNS | | |
|---|---|---|---|
| | A | B | C |
| URBAN (LOW SPEED) | 100 FEET | 100 FEET | 100 FEET |
| URBAN (HIGH SPEED) | 350 FEET | 350 FEET | 350 FEET |
| RURAL | 500 FEET | 500 FEET | 500FEET |
| EXPRESS / FREEWAY | 1000 FEET | 1500 FEET | 2640 FEET |

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TRAFFIC CONTROL

COLUMBIA AVENUE STAGE 2-TRAFFIC CONTROL

CAPITAL PROJECT NO. 23-033
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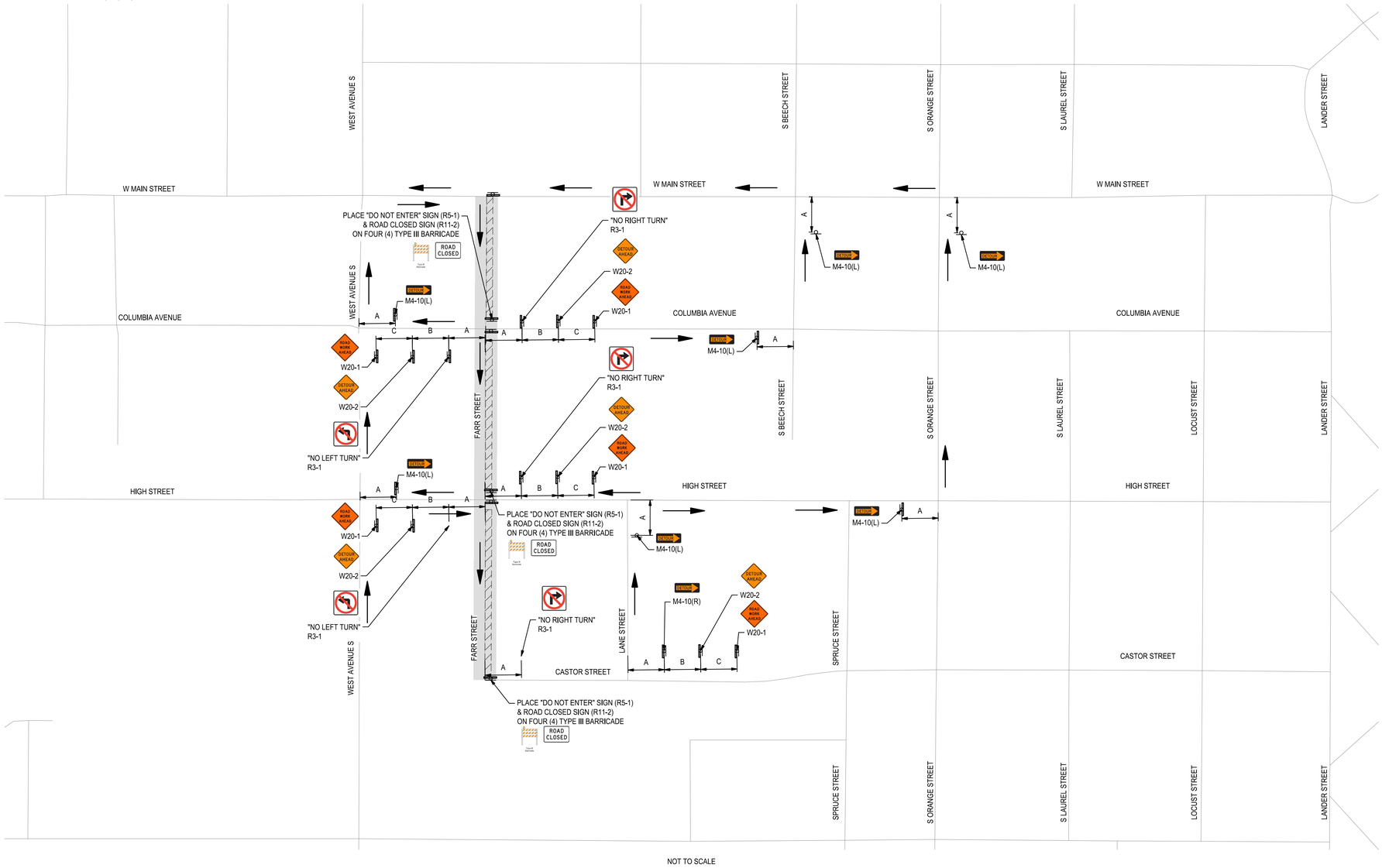
NOTE: FOR DIMENSION "A", "B", "C", SEE TABLE 6H-3 THIS SHEET.




NOT TO SCALE

NOTE: SPEED CATEGORY TO BE DETERMINED BY THE HIGHWAY AGENCY

TABLE 6H-3

| ROAD TYPE | DISTANCE BETWEEN SIGNS | | |
|---|---|---|---|
| | A | B | C |
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| URBAN (HIGH SPEED) | 350 FEET | 350 FEET | 350 FEET |
| RURAL | 500 FEET | 500 FEET | 500FEET |
| EXPRESS / FREEWAY | 1000 FEET | 1500 FEET | 2640 FEET |

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TRAFFIC CONTROL
FARR STREET STAGE 1-TRAFFIC CONTROL
CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

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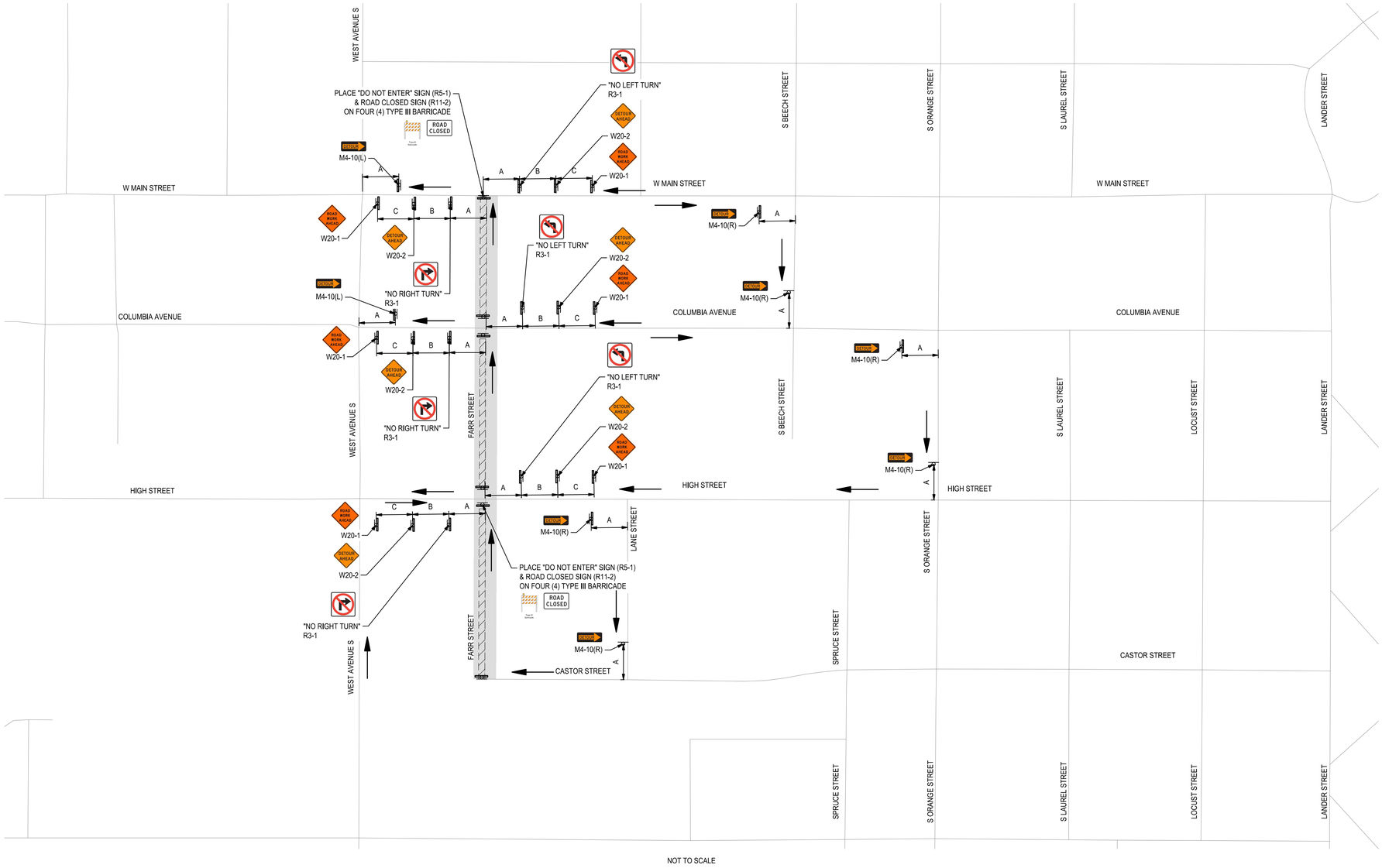
NOTE: FOR DIMENSION "A", "B", "C", SEE TABLE 6H-3 THIS SHEET.




NOT TO SCALE

NOTE: SPEED CATEGORY TO BE DETERMINED BY THE HIGHWAY AGENCY

| TABLE 6H-3 | | | |
|---|---|---|---|
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CITY OF TURLOCK PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
156 S. BROADWAY,
SUITE 150
(209) 668-5520

TRAFFIC CONTROL

FARR STREET STAGE 2-TRAFFIC CONTROL

CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

VERIFY SCALE 0 1"

DRAWN BY: JR
REV. BY: ARM
CH. BY: AKM
DATE: 4/2/2024
SCALE: SEE SHEET
SEI PROJ NO: 22157

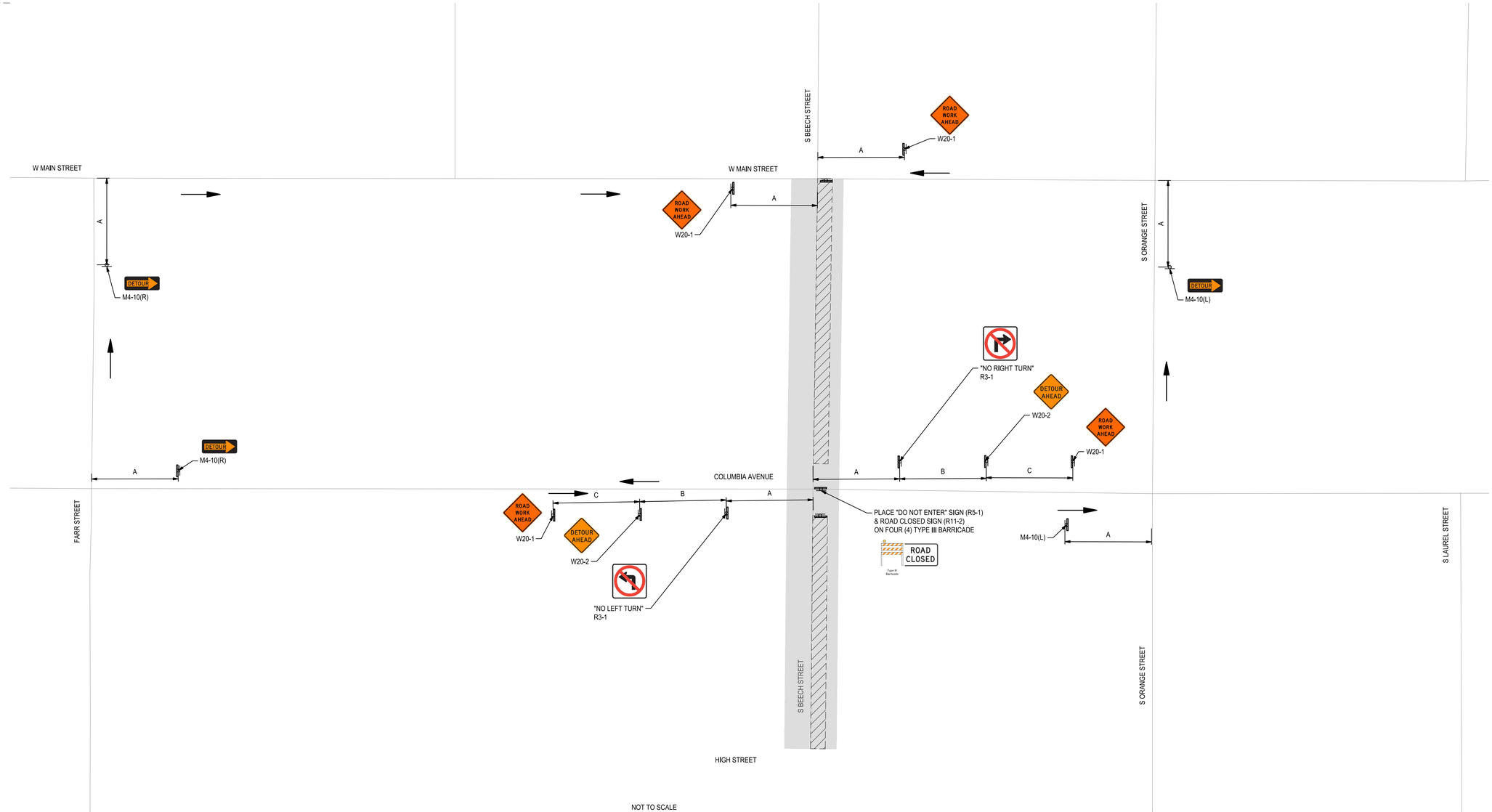
DRAWING NO. 43

SHEET: 43 OF 49

FILE: F:\22projects\22157 City of Turlock Road CIP\Plans and Graphics\Improvement Plans\22157 C-34 TRAFFIC CONTROL SHEETS.dwg

DATE & TIME PLOTTED: 4/02/24 3:21 PM

NOTE: FOR DIMENSION "A", "B", "C", SEE TABLE 6H-3 THIS SHEET.




NOT TO SCALE

NOTE: SPEED CATEGORY TO BE DETERMINED BY THE HIGHWAY AGENCY

TABLE 6H-3

| ROAD TYPE | DISTANCE BETWEEN SIGNS | | |
|---|---|---|---|
| | A | B | C |
| URBAN (LOW SPEED) | 100 FEET | 100 FEET | 100 FEET |
| URBAN (HIGH SPEED) | 350 FEET | 350 FEET | 350 FEET |
| RURAL | 500 FEET | 500 FEET | 500FEET |
| EXPRESS / FREEWAY | 1000 FEET | 1500 FEET | 2640 FEET |

Know what's below. Call before you dig.

NOTE:
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REGISTERED PROFESSIONAL ENGINEER ADAM K. MERRELL No. 76826 Exp. 12/31/24 CIVIL STATE OF CALIFORNIA

DATE SIGNED: 04/02/24

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TRAFFIC CONTROL
S. BEECH STREET STAGE 1-TRAFFIC CONTROL
CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

VERIFY SCALE
0 1"

DRAWN BY: JR
REV. BY: ARM
CH. BY: AKM
DATE: 4/2/2024
SCALE: SEE SHEET
SEI PROJ NO: 22157

DRAWING NO. 44

SHEET: 44 OF 49

FILE: F:\22projects\22157 City of Turlock Road CIP\Plans and Graphics\Improvement Plans\22157 C-34 TRAFFIC CONTROL SHEETS.dwg

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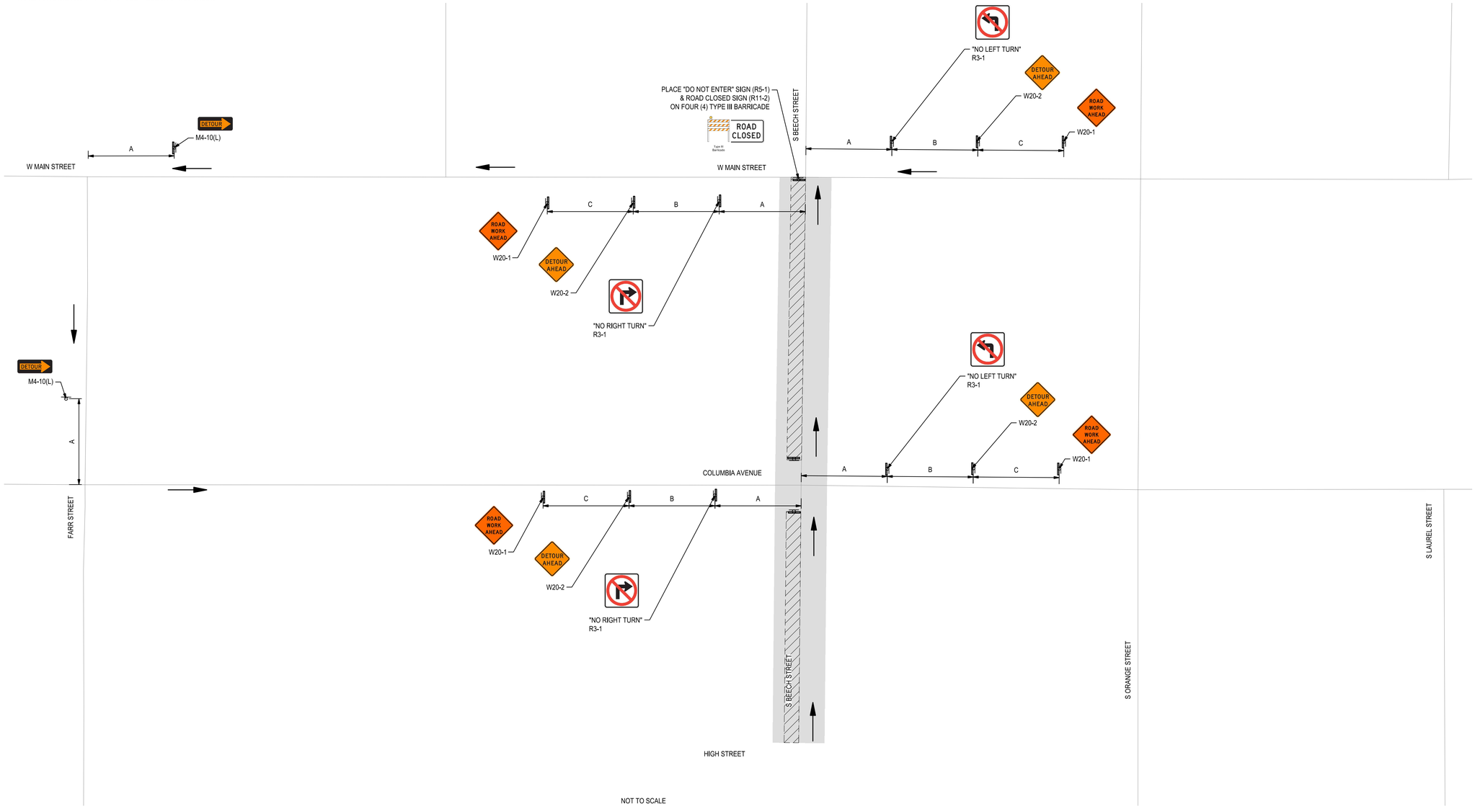


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|---|---|---|---|
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CAPITAL PROJECT NO. 23-033
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VERIFY SCALE
0 1"

DRAWN BY: JR
REV. BY: ARM
CH. BY: AKM
DATE: 4/2/2024
SCALE: SEE SHEET
SEI PROJ NO: 22157

DRAWING NO. 45

SHEET: 45 OF 49

FILE: F:\22projects\22157 City of Turlock Road CIP\Plans and Graphics\Improvement Plans\22157 C-34 TRAFFIC CONTROL SHEETS.dwg

DATE & TIME PLOTTED: 4/02/24 3:21 PM

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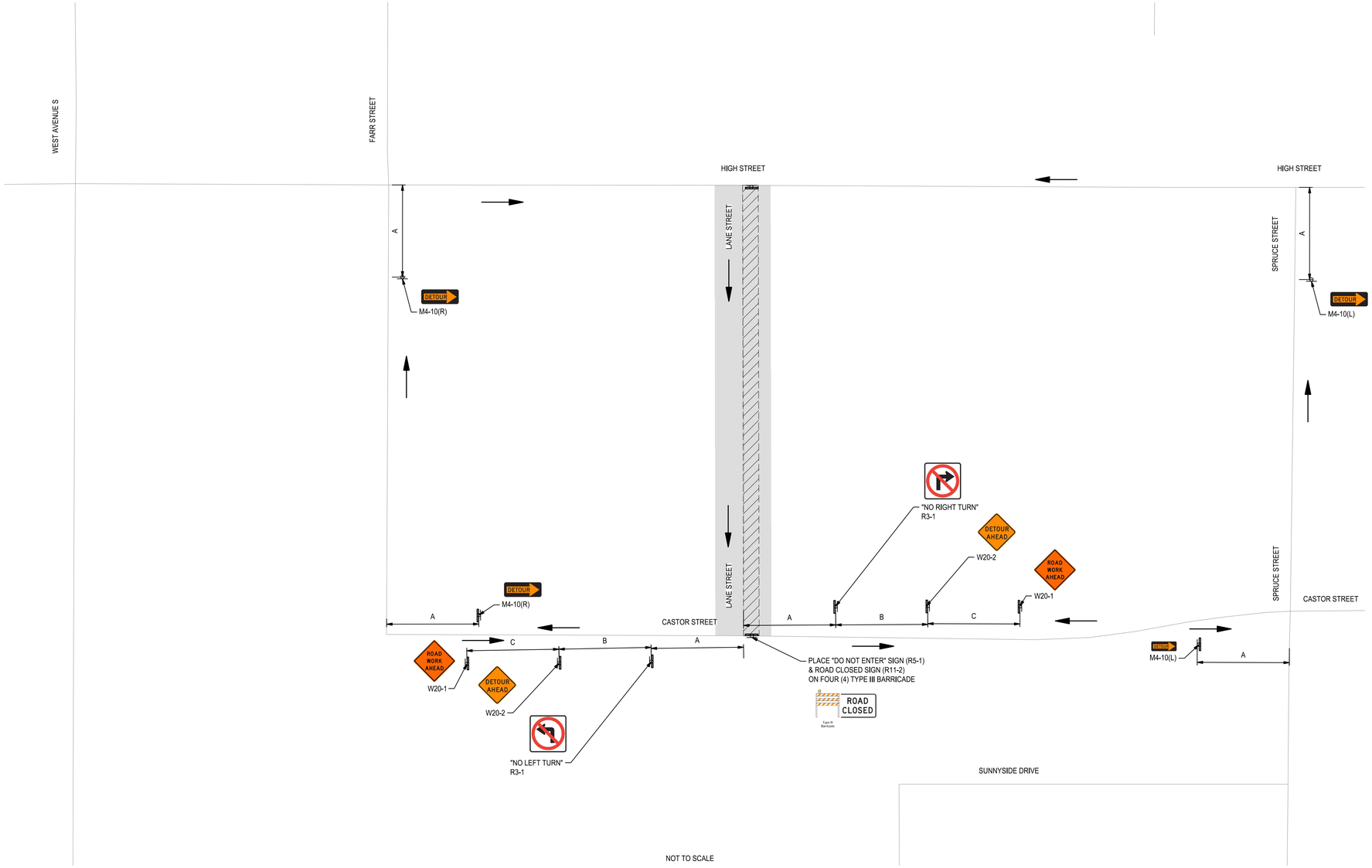


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PLACE "DO NOT ENTER" SIGN (R5-1)
& ROAD CLOSED SIGN (R11-2)
ON FOUR (4) TYPE III BARRICADE
ROAD CLOSED
Type III Barricade

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TRAFFIC CONTROL

LANE STREET STAGE 1-TRAFFIC CONTROL

CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

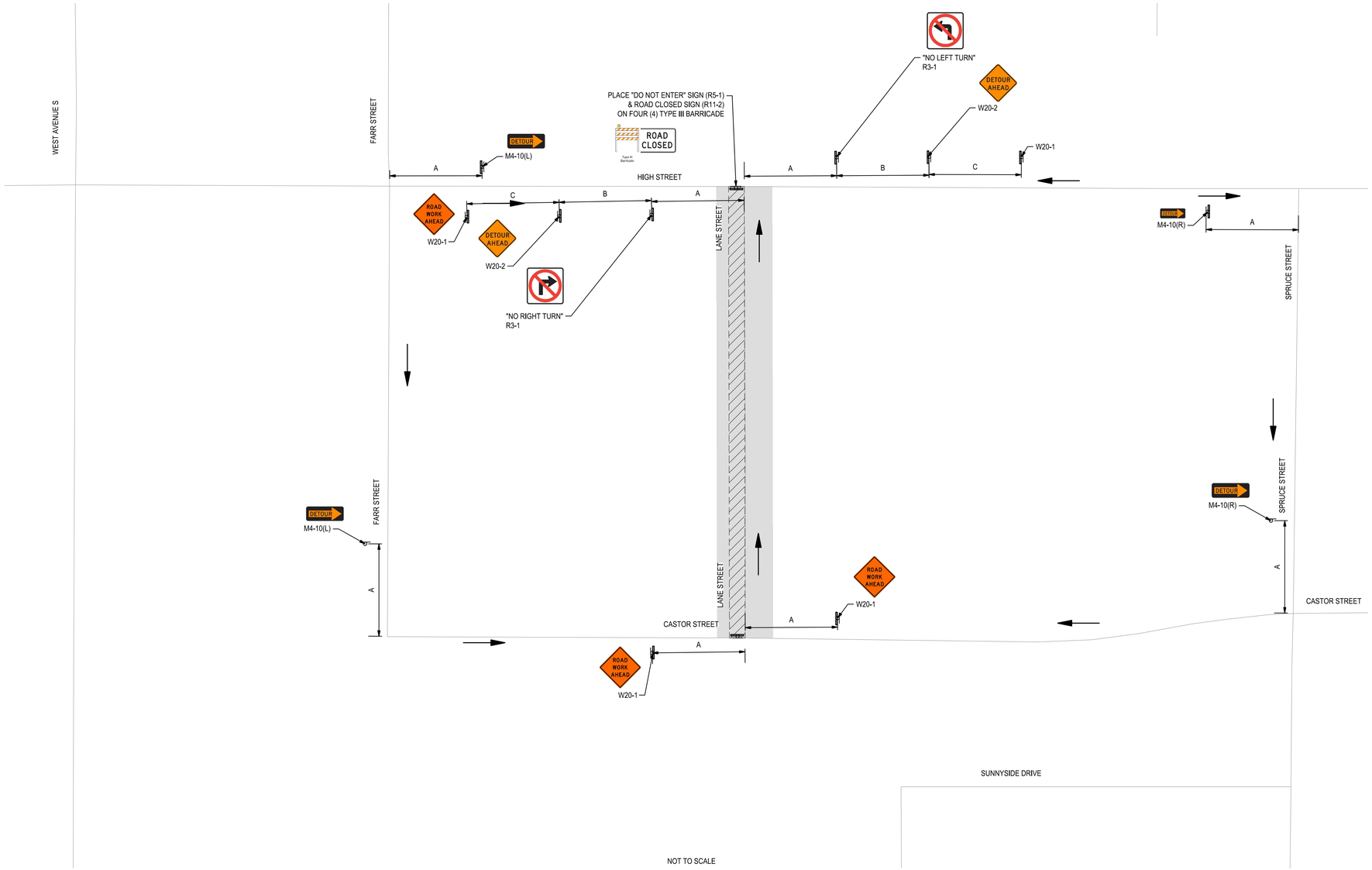
VERIFY SCALE
0 1"

| | |
|---|---|
| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 46 |
| CH. BY: AKM | |
| DATE: 4/2/2024 | |
| SCALE: SEE SHEET | SHEET: |
| SEI PROJ NO: 22157 | 46 OF 49 |

FILE: F:\22projects\22157 City of Turlock Road CIP\Plans and Graphics\Improvement Plans\22157 C-34 TRAFFIC CONTROL SHEETS.dwg

DATE & TIME PLOTTED: 4/02/24 3:21 PM

NOTE: FOR DIMENSION "A", "B", "C", SEE TABLE 6H-3 THIS SHEET.

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& ROAD CLOSED SIGN (R11-2)
ON FOUR (4) TYPE III BARRICADE
ROAD CLOSED

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TRAFFIC CONTROL

LANE STREET STAGE 2-TRAFFIC CONTROL

CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

VERIFY SCALE
0 1"

| | |
|---|---|
| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 47 |
| CH. BY: AKM | |
| DATE: 4/2/2024 | |
| SCALE: SEE SHEET | SHEET: 47 OF 49 |
| SEI PROJ NO: 22157 | |

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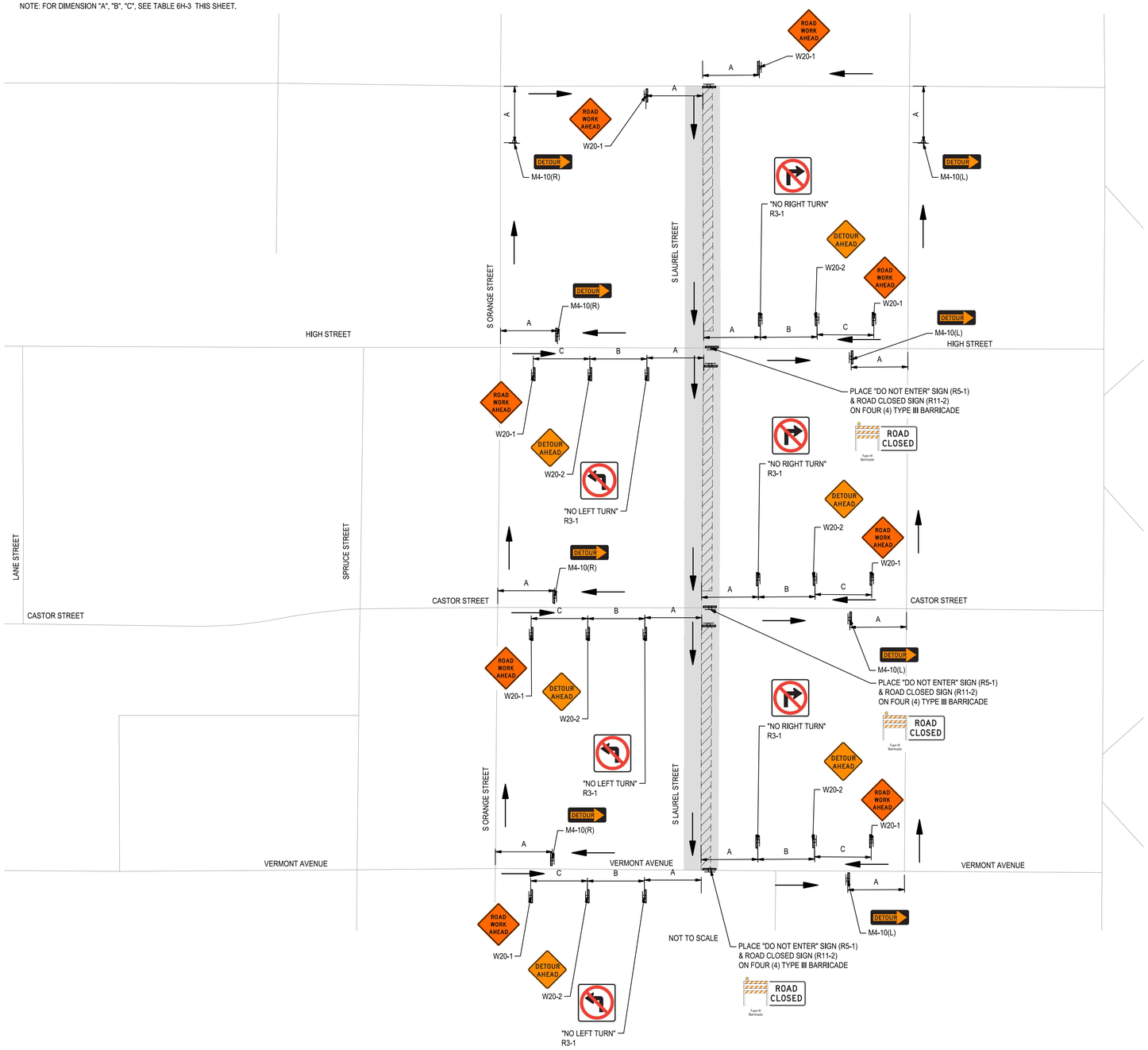


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S. LAUREL STREET STAGE 1-TRAFFIC CONTROL
CAPITAL PROJECT NO. 23-033
THE CITY OF TURLOCK ROADS PROGRAM

VERIFY SCALE
0 1"

| | |
|---|---|
| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 48 |
| CH. BY: AKM | |
| DATE: 4/2/2024 | |
| SCALE: SEE SHEET | SHEET: |
| SEI PROJ NO: 22157 | 48 OF 49 |

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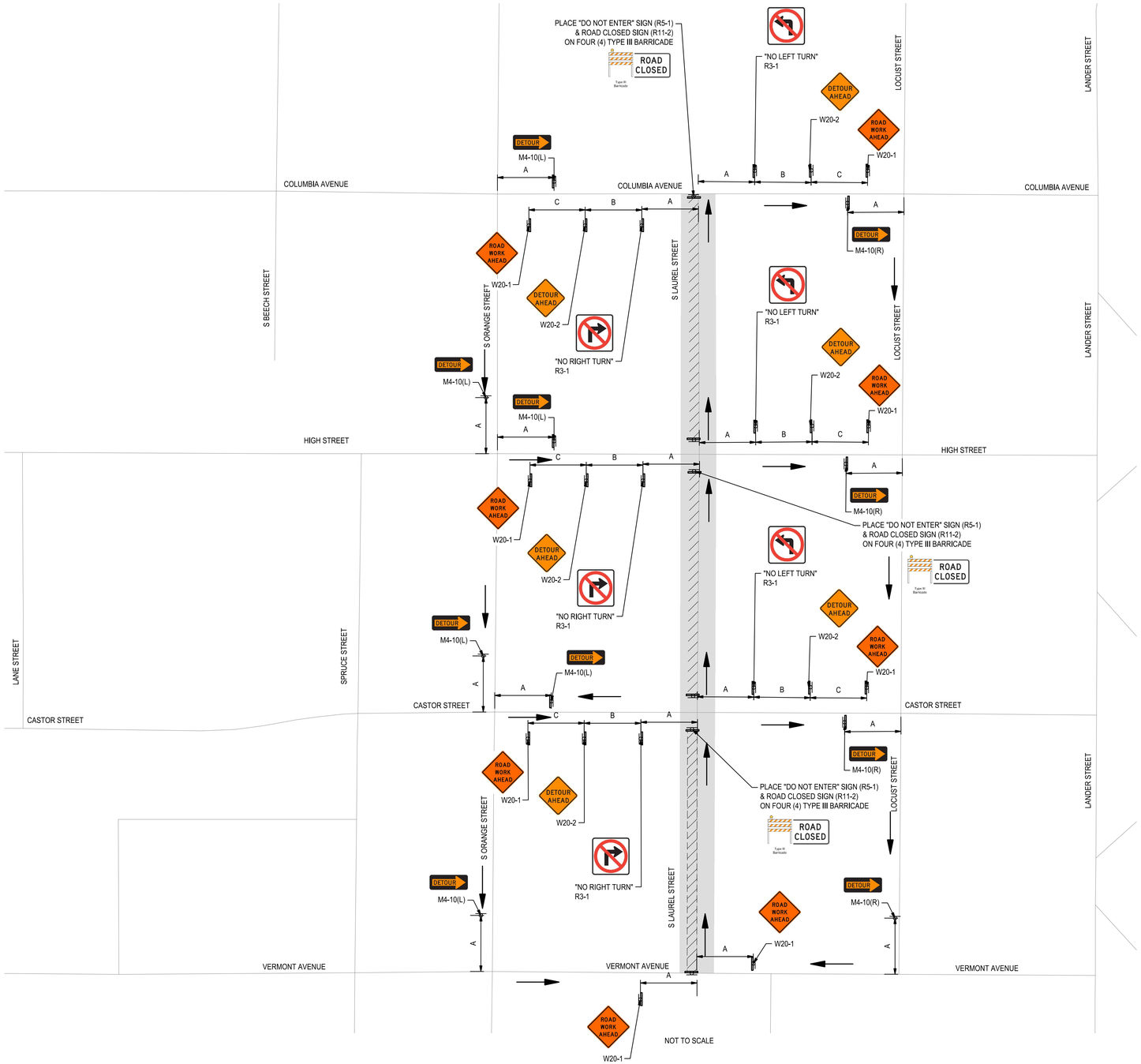


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| | |
|---|---|
| DRAWN BY: JR | DRAWING NO. |
| REV. BY: ARM | 49 |
| CH. BY: AKM | |
| DATE: 4/2/2024 | |
| SCALE: SEE SHEET | SHEET: |
| SEI PROJ NO: 22157 | 49 OF 49 |