

BULBOUTS ON 5TH STREET
CIP PS 25-16

LEGEND

DESCRIPTION	PROPOSED	EXISTING
SANITARY SEWER	8" S	8" S
STORM DRAIN	8" SD	8" SD
WATER LINE	8" W	8" W
GAS LINE	4" G	4" G
TELEPHONE	T	T
CABLE TELEVISION	TV	TV
WATER VALVE	W	W
GAS VALVE	G	G
S.S. SERVICE LATERAL	8" S	8" S
S.S. CLEANOUT	CO	CO
MANHOLE	MH	MH
FIRE HYDRANT	FH	FH
CATCH BASIN		
GAS METER	G	G
WATER METER	W	W
SIGN		
CURB, GUTTER AND SIDEWALK		
WHEELCHAIR RAMP		
DRIVEWAY		
CONFORM PAVEMENT		
RAILROAD		
BARRICADE		
GUARD RAIL		
FENCE		
UTILITY POLE		
ELECTRICAL CONDUIT	E	E
PULL BOX		
PULL BOX WITH DETECTOR STUB IN CONDUIT		
STREET LIGHT		
COMBINATION TRAFFIC SIGNAL WITH BACKPLATE & LUMINAIRE		
VEHICLE SIGNAL WITH AND WITHOUT BACKPLATE		
COMBINATION TRAFFIC SIGNAL, RED/AMBER/GREEN ARROW, AND BACKPLATE		
MASTARM SIGNAL WITH STREET NAME SIGN		
PROGRAMMED VISIBILITY HEAD WITH BACKPLATE		
PEDESTRIAN SIGNAL FACE		
PEDESTRIAN PUSH BUTTON AND ASSOCIATED VEHICLE PHASE	PPB Ø 6	PPB Ø 6
INDUCTIVE DETECTOR LOOP		
TRAFFIC SIGNAL CONTROLLER CABINET WITH DOOR SWING AS SHOWN		
TYPE III OR III M SERVICE CABINET WITH DOOR SWING AS SHOWN		

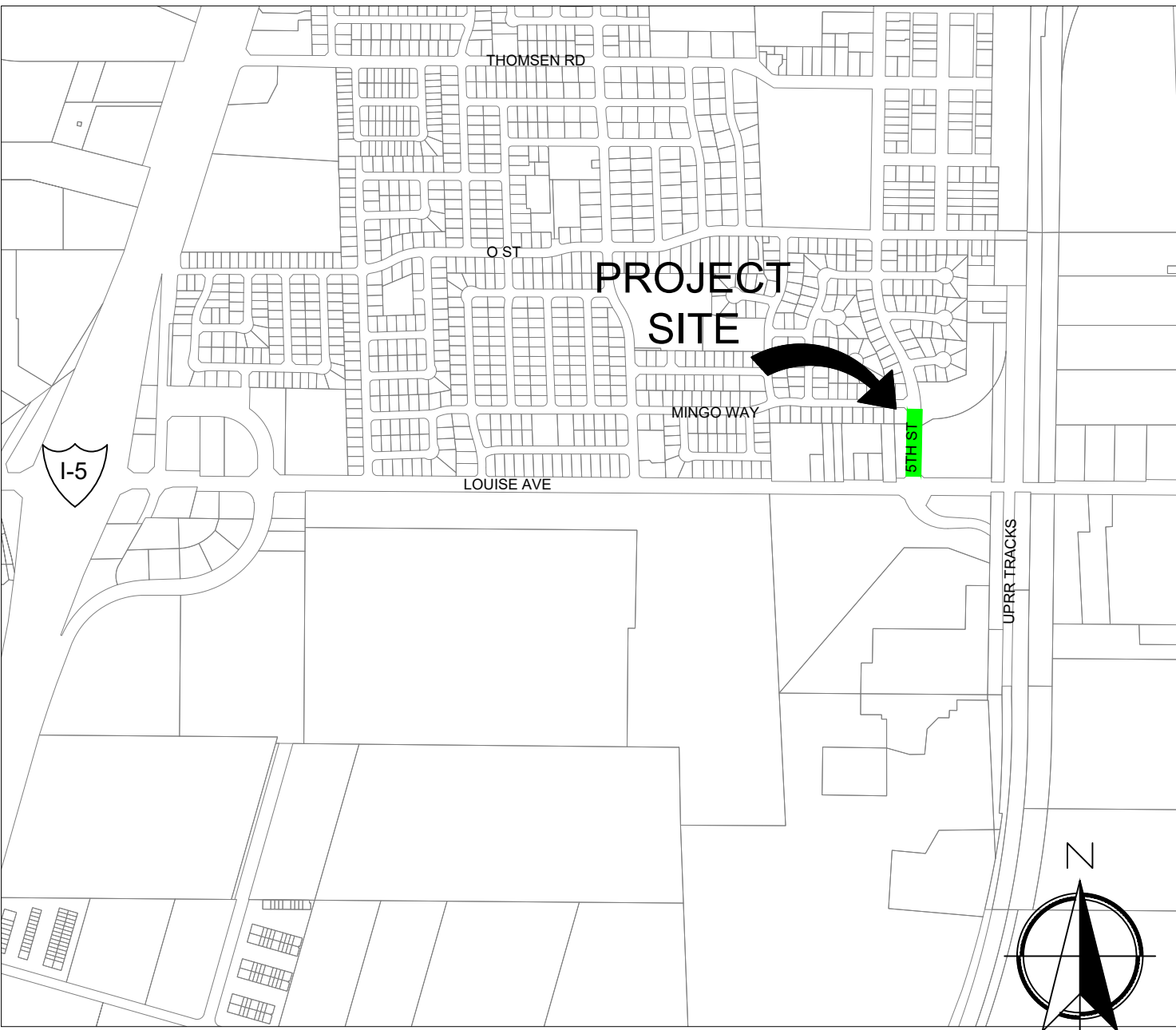
- ALL WORK SHALL BE IN CONFORMANCE WITH THE CITY OF LATHROP DEPARTMENT OF PUBLIC WORKS' STANDARD SPECIFICATIONS AND DETAILS. ALL WORK SHALL BE SUBJECT TO APPROVAL OF AND INSPECTION BY THE CITY ENGINEER.
- AT LEAST ONE SET OF APPROVED PLANS SHALL BE ON THE SITE AT ALL TIMES FOR INSPECTION. ANY DEVIATION FROM THE APPROVED PLANS DURING CONSTRUCTION WILL REQUIRE 48 HOURS PRIOR NOTICE AND APPROVAL OF THE CITY ENGINEER.
- THE PERMITEE/CONTRACTOR SHALL NOTIFY THE PUBLIC WORKS' ENGINEERING DIVISION TWO (2) BUSINESS DAYS PRIOR TO THE START OF ANY WORK.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THE EXISTENCE OF ANY AND ALL UNDERGROUND FACILITIES, WHICH MAY BE SUBJECT TO DAMAGE BY REASON OF HIS OPERATIONS. THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (USA) AT (800) 642-2444, 48 HOURS PRIOR TO ANY EXCAVATION. WORK SHALL START WITHIN 5 DAYS AFTER THE ISSUANCE OF A USA INQUIRY IDENTIFICATION NUMBER. COMPLETE REMOVAL OF THE USA MARKINGS SHALL BE WITHIN 2 WORKING DAYS AFTER COMPLETION OF THE EXCAVATION, BACKFILL AND SURFACE REPLACEMENT OR FOURTEEN (14) CALENDAR DAYS FOLLOWING THE ISSUANCE OF THE INQUIRY IDENTIFICATION NUMBER WHICHEVER IS EARLIER.
- CONTACTING USA DOES NOT RELIEVE THE CONTRACTOR FROM HIS RESPONSIBILITY TO DETERMINE LOCATION AND DEPTH OF BURIED UTILITIES OR REPAIR OF BURIED UTILITIES DAMAGED BY HIS OPERATION.
- ALL GRADING, SITE PREPARATION, PLACING AND COMPACTION OF FILL SHALL BE DONE IN ACCORDANCE WITH THE CITY OF LATHROP STANDARDS, SPECIFICATIONS, SPECIFIC NOTES, DETAIL DRAWINGS.
- AN ENCROACHMENT PERMIT IS REQUIRED PRIOR TO COMMENCEMENT OF WORK. A COPY OF THE ENCROACHMENT PERMIT IS REQUIRED TO BE ON SITE AT ALL TIMES.
- NOISE--PRODUCING CONSTRUCTION AND GRADING OPERATIONS SHALL BE LIMITED TO WEEKDAYS (MONDAY THROUGH FRIDAY) EXCEPT CITY HOLIDAYS AND FROM THE HOURS OF 7:30 A.M. TO 6:00 P.M. ALL EQUIPMENT SHALL BE ADEQUATELY MUFFLED AND MAINTAINED. NO CHANGES SHALL BE ALLOWED WITHOUT PRIOR WRITTEN CONSENT OF THE CITY. ALL REQUESTS FOR CHANGE MUST BE MADE A MINIMUM OF 72 HOURS PRIOR TO THE REQUEST FOR CHANGE.
- IT SHALL BE UNDERSTOOD THAT THE TERM "CITY ENGINEER" AS USED HEREIN IS THE CITY ENGINEER OF THE CITY OF LATHROP OR HIS AUTHORIZED REPRESENTATIVE.

NO WORK SHALL BE DONE ON THIS PROJECT PRIOR TO A PRE-CONSTRUCTION CONFERENCE TO BE HELD IN THE ENGINEERING DIVISION. CONTACT CITY OF LATHROP TO ARRANGE FOR THE CONFERENCE.
- A PRE-CONSTRUCTION CONFERENCE SHALL BE SCHEDULED AT LEAST TWO WORKING DAYS IN ADVANCE OF COMMENCEMENT OF ANY CONSTRUCTION WORK FOR THE IMPROVEMENTS DELINEATED WITHIN THIS SET OF PLANS. THE FOLLOWING INDIVIDUALS SHALL BE IN ATTENDANCE: OWNER/DEVELOPER, CONTRACTOR (S), CITY ENGINEER, ENGINEER, SOILS ENGINEER, CONSTRUCTION INSPECTOR, OR THEIR AUTHORIZED REPRESENTATIVES.
- THE CONTRACTOR SHALL SUBMIT A SCHEDULE OF ALL GRADING OPERATIONS AND RECEIVE APPROVAL OF SAID SCHEDULE FROM THE CITY ENGINEER PRIOR TO OR THE DAY OF THE PRE-CONSTRUCTION CONFERENCE.
- THE CONSTRUCTION CONTRACTOR AGREES, THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.

ABBREVIATIONS

AB - AGGREGATE BASE	EX - EXISTING	PVMT - PAVEMENT
AC - ASPHALT CONCRETE	FC - FACE OF CURB	RCP - REINFORCED CONCRETE PIPE
AD - AREA DRAIN	FG - FINISH GRADE	RD - ROAD
AP - ANGLE POINT	FH - FIRE HYDRANT	RP - RADIUS POINT
APPROX - APPROXIMATE	FL - FLOWLINE	RT - RIGHT
ARV - AIR RELEASE VALVE	FI - FIELD INLET	ROW - RIGHT OF WAY
ASTM - AMERICAN SOCIETY FOR TESTING AND MATERIALS	FUT - FUTURE	(S) - SOUTH
BC - BEGINNING OF CURVE	FVT - FULL VEHICULAR TRAFFIC	SJVAPCD - SAN JOAQUIN VALLEY AIR POLLUTION CONSERVATION DISTRICT
BEG - BEGIN	GB - GRADE BREAK	SS - SANITARY SEWERS
BFV - BUTTERFLY VALVE	GND - GROUND	SSMH - SANITARY SEWER MANHOLE
BNDY - BOUNDARY	HDPE - HIGH DENSITY POLYETHYLENE	SSFM - SANITARY SEWER FORCED MAIN
BOV - BLOWOFF VALVE	HP - HIGH POINT	STD - STANDARD
C&G - CURB & GUTTER	INV - INVERT	STA - STATION
C&GS - COAST & GEODETIC SURVEY	IRR - IRRIGATION	STLT - STREET LIGHT
ALTRANS - CALIFORNIA DEPARTMENT OF TRANSPORTATION	LF - LINEAR FEET	SW, S/W - SIDEWALK
CB - CATCH BASIN	LP - LOW POINT	SWRCB - STATE WATER RESOURCES CONTROL BOARD
CL - CENTERLINE	LT - LEFT	SWPPP - STORM WATER POLLUTION PREVENTION PLAN
C - CONSTRUCTION LAYOUT LINE	M - MONUMENT	TC - TOP OF CURB
CIP - CAPITAL IMPROVEMENT PROJECT	MH - MAINTENANCE HOLE	TI - TRAFFIC INDEX
CR - CROWN	MIN - MINIMUM	TG - TOP OF GRATE
CY - CUBIC YARD	MID PT - MIDPOINT	TYP - TYPICAL
DI - DRAIN INLET	MTC - MEDIAN TOP OF CURB	(W) - WEST
DIP - DUCTILE IRON PIPE	MUTCD - MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES	W - WATER
DW/DWY - DRIVEWAY	(N) - NORTH	UDC - URBAN DESIGN CONCEPT
(E) - EAST	NAP - NOT A PART	VCP - VITRIFIED CLAY PIPE
EC - END OF CURVE	NTS - NOT TO SCALE	± - PLUS OR MINUS
EL - ELEVATION	PCG - PORTLAND CEMENT CONCRETE	
ELECT - ELECTROLIER	PERF - PERFORATED	
EP - EDGE OF PAVEMENT	PKWY - PARKWAY	
ER - END OF RETURN	PL - PROPERTY LINE	
ESCP - EROSION & SEDIMENT CONTROL PLAN	PROJ - PROJECT	
	PVC - POLYVINYL CHLORIDE	
	PUE - PUBLIC UTILITY EASEMENT	

- THE CONTRACTOR SHALL PROVIDE EMERGENCY TELEPHONE NUMBERS FOR PUBLIC WORKS, AMBULANCE, POLICE, AND FIRE DEPARTMENTS AT THE JOB SITE.
- THE CONTRACTOR SHALL NOT DISTURB OR DESTROY ANY PERMANENT SURVEY POINTS WITHOUT THE CONSENT OF THE CITY ENGINEER. IN THE EVENT IT BECOMES NECESSARY TO REMOVE OR DISTURB A MONUMENT, THE PERSON SO DOING SHALL FIRST OBTAIN PERMISSION, IN WRITING, FROM THE CITY ENGINEER AND SHALL DEPOSIT WITH THE CITY ENGINEER A SUFFICIENT AMOUNT, BASED UPON THE CITY ENGINEER'S ESTIMATE, TO COVER THE COST OF PRELIMINARY REFERENCING AND FINAL RELOCATION OF THE MONUMENTS.
- ALL CONSTRUCTION STAKING SHALL BE DONE BY A REGISTERED CIVIL ENGINEER OR LICENSED LAND SURVEYOR. UPON COMPLETION OF GRADING, THE CONTRACTOR SHALL REQUEST THE LICENSED LAND SURVEYOR TO CHECK THE GRADES AND CERTIFY THAT THE PADS ARE GRADED TO WITHIN ± 0.10 FOOT OF FINISH PAD GRADE.
- THE CONTRACTOR SHALL PROVIDE FOR INGRESS AND EGRESS FOR PRIVATE PROPERTY ADJACENT TO THE WORK AREA THROUGHOUT THE PERIOD OF CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR MATCHING EXISTING STREETS, SURROUNDING LANDSCAPE AND OTHER IMPROVEMENTS, WITH A SMOOTH TRANSITION IN GRADE AVOIDING ANY ABRUPT OR APPARENT CHANGES IN GRADE OR CROSS SLOPE, LOW SPOTS OR HAZARDOUS CONDITIONS.
- EXISTING CURB AND SIDEWALK WITHIN THE PROJECT LIMITS THAT ARE DAMAGED OR DISPLACED, EVEN THOUGH THEY WERE NOT TO BE REMOVED, SHALL BE REPAIRED OR REPLACED, EVEN IF THE DAMAGE OR DISPLACEMENT OCCURRED PRIOR TO ANY WORK PERFORMED BY THE CONTRACTOR. CONTRACTOR SHALL DOCUMENT CONDITION VIA PHOTOGRAPHS PRIOR TO START OF CONSTRUCTION.
- THE CONTRACTOR SHALL CONTROL DUST BY WATERING EXPOSED SURFACES AS NEEDED. INCREASED WATERING SHALL BE REQUIRED WHEN WIND SPEEDS EXCEED 10 MPH OR WHEN DIRECTED BY THE CITY.
- NO PERSON SHALL, WHEN HAULING ANY EARTH, SAND, GRAVEL, STONE, DEBRIS, PAPER, OR ANY OTHER SUBSTANCE OVER ANY PUBLIC STREETS OR OTHER PUBLIC PLACE, ALLOW MATERIAL TO BLOW OR SPILL OVER AND UPON SAID PUBLIC OR ADJACENT PRIVATE PROPERTY. ALL LOADS LEAVING THE SITE SHALL BE COVERED.
- THE CONTRACTOR SHALL PROVIDE STABILIZED CONSTRUCTION ENTRANCE TO PREVENT THE TRACKING OF SOIL, DUST, MUD, OR CONSTRUCTION DEBRIS ON PUBLIC STREETS.
- MUD TRACKED ONTO STREETS OR ADJACENT PROPERTIES SHALL BE REMOVED IMMEDIATELY; STREET SHALL BE SWEEPED WITH A POWER SWEEPER (NOT PRESSURE WASHED) AS DIRECTED BY THE CITY.
- A DISPOSAL SITE FOR ANY OFF-SITE HAUL OF DIRT MATERIALS SHALL BE APPROVED BY THE CITY PRIOR TO APPROVAL OF THE GRADING PERMIT. THE OFF-SITE HAUL ROUTE FOR EXCESS DIRT OR CONSTRUCTION DEBRIS IS SUBJECT TO APPROVAL OF THE CITY ENGINEER.
- EXCAVATIONS SHALL BE ADEQUATELY SHORED, BRACED AND SHEETED SO THAT THE EARTH WILL NOT SLIDE OR SETTLE AND SO THAT ALL EXISTING IMPROVEMENTS OF ANY KIND WILL BE FULLY PROTECTED FROM DAMAGE. ANY DAMAGE RESULTING FROM A LACK OF ADEQUATE SHORING, BRACING AND SHEETING, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND THE CONTRACTOR SHALL EFFECT NECESSARY REPAIRS OR RECONSTRUCTION AT HIS OWN EXPENSE. WHERE THE EXCAVATION FOR A TRENCH, STRUCTURE AND/OR BORING OR JACKING PIT IS FIVE FEET OR MORE IN DEPTH THE CONTRACTOR SHALL CONFORM TO THE APPLICABLE CONSTRUCTION SAFETY ORDERS OF THE DIVISION OF INDUSTRIAL SAFETY OF THE STATE OF CALIFORNIA.
- ALL TRENCHES IN EXISTING CITY STREETS SHALL BE BACKFILLED AND PAVED WITHIN 24 HOURS OF EXCAVATION. STEEL PLATES MAY BE PLACED OVER UNBACKFILLED TRENCHES BEYOND THE 24 HOUR PERIOD WITH THE SPECIFIC APPROVAL OF THE CITY ENGINEER.



VICINITY MAP

NOT TO SCALE

SHEET INDEX

SHEET	DESCRIPTION
1	COVER SHEET
2	CITY STANDARDS
3	STANDARD DETAILS
4	DEMOLITION
5	HORIZONTAL CONTROL
6	SIGNING & STRIPING



CITY OF LATHROP ENGINEERING	
APPROVED BY: _____	DATE: _____
City Engineer	RCE NO: _____
	EXP DATE: _____

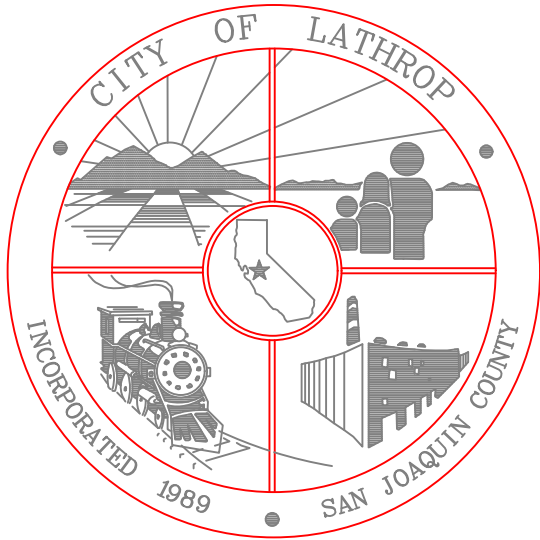
WARNING • CAUTION
EXISTING UNDERGROUND UTILITIES
CONTACT: UNDERGROUND SERVICE ALERT
PHONE: (800) 227-2600
FOR MARKING PRIOR TO DIGGING



BULBOUTS ON 5TH STREET
CIP PS 25-16

COVER SHEET

NO.	DESCRIPTION	CHECKED BY	CITY APPROVAL	
			APPROVED BY	DATE



DEPARTMENT OF PUBLIC WORKS
CITY OF LATHROP

DRAWN BY:	A.A.
CHECKED BY:	B.T.
PROJ. MGR.:	
DATE:	NOVEMBER 2024
SCALE:	N.T.S.
FILE NO.:	CIP PS 25-16

SHEET NO.

1
OF
6

The work to be completed under CIP PS 25-16 for Bulbouts on 5th Street includes, but is not limited to;

- A. These plans have been checked by the City of Lathrop and/or its authorized representative, but such checking and/or approval does not relieve the contractor from his responsibility to correct errors, omissions or make changes required by conditions discovered in the field during the course of construction.

- B. All revisions to this plan must be reviewed by the City Engineer prior to construction and shall be accurately shown on revised plans stamped and signed by the City prior to the installation of the improvements.

- C. All construction and material shall conform to City of Lathrop Design and Construction Standards, the project Urban Design Concept (if applicable), and per the approved plans. The improvements are subject to the inspection and approval of the Public Works Department. Contact Public Works construction inspection at (209) 941-7450, at least three (3) working days prior to start of any work to arrange for inspection.

- D. Notify Underground Service Alert (USA –North) at “811” or (800) 227-2600 at least two (2) working days prior to excavation. The USA authorization number shall be kept at the job site.

- E. If necessary to confirm field locations of facilities, exploratory trenching or potholing shall be done at the expense of the contractor

- F. If a conflict occurs between the City of Lathrop Design and Construction Standards and the recommendations by the Design Engineer and/or Soils Engineer, the more stringent shall apply as directed by the City Engineer.

- G. Basis of elevation datum shall be provided (if City/County benchmark, give number, location and elevation).

- H. The existing utilities are plotted from available records. The Contractor shall take precautionary measures to protect these utilities. The Contractor shall not excavate until all utility agencies and the City of Lathrop have been notified and have marked their facilities in the field.

- I. Existing utilities shall not be interrupted until the utility company has provided alternative service facilities. The Contractor shall cooperate and coordinate his work with the appropriate agencies and utility companies.

- J. Final pavement work shall not occur within the City right-of-way prior to completion of utility relocation without the specific approval of the City Engineer.

- K. All utility trenches in existing roadway shall be backfilled and opened to public traffic for a minimum of two weeks prior to placing permanent pavement.

- L. All construction staking for grading, curb, and gutter, sidewalk, sanitary sewer, storm drains, water lines, recycled water, fire hydrants, electroliners, etc. shall be done by a registered civil engineer or a licensed land surveyor.

- M. All areas undergoing grading, and all other construction activities shall be watered, or other dust-palliative measures used, to prevent dust, as conditions warrant. Water trucks shall be available at all times. The person responsible for dust control shall be available 24 hours a day.

- N. Prior to receiving/taking any water from the City of Lathrop water system the Contractor shall acquire a city water meter or city fire hydrant meter. All water usage shall be metered.

- O. All lines abandoned during construction shall be removed unless otherwise noted on the plans.

- P. Prior to trenching for any sewer, water, recycled water, or storm drain pipe, the Contractor shall verify, in the field, the size and the location of the existing pipe at the point of connection. Any deviation from the plans shall be resolved by the Design Engineer prior to trenching. Any damage caused by trenching to existing underground utilities shall be the sole responsibility of the Contractor.

- Q. All trenches shall be backfilled in accordance with City Standard Details. Compaction shall be achieved by mechanical means. No flooding, ponding, or jetting shall be permitted.

- R. Testing:

1. All independent laboratory inspections called for by the City Engineer will be paid for by the Developer or Contractor.
2. Roadway sub-grade, sub-base, base, and trench backfill compaction testing shall be performed by a soils lab contracting with the City of Lathrop at the Developer's expense.
3. R-Value testing of the pavement sub-grade shall be performed prior to the installation of base rock, or as required by the City Engineer.
4. A minimum of 48 hours notice is required to schedule all special inspection/testing services.

- S. Asbestos cement pipe (ACP) or vitrified clay pipe (VCP) or fittings shall not be used within the City of Lathrop.

- T. Existing curb, gutter and sidewalks within the project limits that are damaged or displaced, shall be repaired or replaced per the City Design and Construction Standards by the Contractor.

- U. No trees shall be removed unless they are shown and noted to be removed on the improvement plans. All trees conflicting with grading, utilities, or other improvements, or overhanging the sidewalk or pavement to form a nuisance or hazard, shall be trimmed and properly treated and sealed. The drip line of trees to be saved will be fenced, and no grading shall take place within this fenced area.

- V. The full structural section of the major streets shall be continued through the intersections.

- W. Benchmarks shall be furnished and installed by the Contractor at locations shown. The Developer's engineers shall stamp the benchmarks per Standard Detail R-26 and furnish the City Engineer with the benchmark elevation data.

- X. Street signs shall be installed at all intersections that meet the UDC standards (if applicable) per City Design and Construction standards.

- Y. Traffic control devices and installations shall be in conformance with California Manual On Uniform Traffic Control Devices, and must meet the UDC standards (if applicable).

- Z. All street monuments, lot corner, benchmarks and other permanent pipe or monuments disturbed during the process of construction shall be replaced by a licensed civil engineer or surveyor prior to acceptance of improvements by the City.

If a monument is located within the boundary of the project, the Contractor shall submit the Acknowledgement of Monument Responsibility "Pre-Construction" form, found in Appendix E of these Standards, to the City during the Encroachment Permit Application Phase. In addition, the Contractor shall submit the Acknowledgement of Monument Responsibility "Post-Construction" form, found in Appendix E of these Standards, to the City when the work is complete.

- AA. ESCPs must be prepared consistent to the City's Design and Construction Standards and Ordinances. SWPPPs must be prepared by a Qualified SWPPP Developer and be compliant with the State's Construction General Permit. Erosion and sediment control measures must be in place at all times during the construction project until final site stabilization is achieved. The person responsible for the daily maintenance of the facilities shall be available 24 hours a day. These facilities shall control

and contain erosion-caused sediment deposits and provide for the safe discharge of sediment-free storm water into existing storm drain facilities.

- BB. If the project is applicable to the State's Construction General Permit, a Notice of Intent (NOI) to comply with the NPDES general permit for stormwater run-off associated with construction activity shall be submitted to the SWRCB via the State's SMARTS system. The WQID# should be indicated on the plans. A Stormwater Pollution Prevention Plan (SWPPP) shall be submitted for approval by the City Engineer.

- CC. If, during construction, archaeological remains are encountered, construction in the vicinity shall be halted, an archaeologist consulted and the City Community Development Department notified. If, in the opinion of the Archaeologist, the remains are significant, measures, as may be required by the Community Development Director, shall be taken to protect them.

- DD. Work shall be restricted to weekdays between 8:00 AM to 5:00 PM and weekends by City approval. Work which requires any traffic lane closures or restricting of the traveled way shall be limited to 9:00 AM to 3:30 PM in the commute direction and 8:00 AM to 4:30 PM in the non-commute direction.

- EE. The overtime cost for inspecting work performed before 8:00 AM, after 5:00 PM, weekends, and holidays, that require City inspection, shall be pre-paid by the Contractor or Developer before the work is authorized.

- FF. Construction equipment which operates at a noise level in excess of 85 decibels (measured on the A-weighted scale defined in ANSI S-1.4) at a distance of 100 feet from the equipment is prohibited.

- GG. The contractor shall keep excavations free from water during construction. The static water level shall be drawn down a minimum of 2 feet below bottom of excavations to maintain an undisturbed state of natural soils and allow placement of fill to the specified density. Disposal of water shall not damage property or create a public nuisance. Contractor shall determine method of dewatering and location for discharge/disposal.

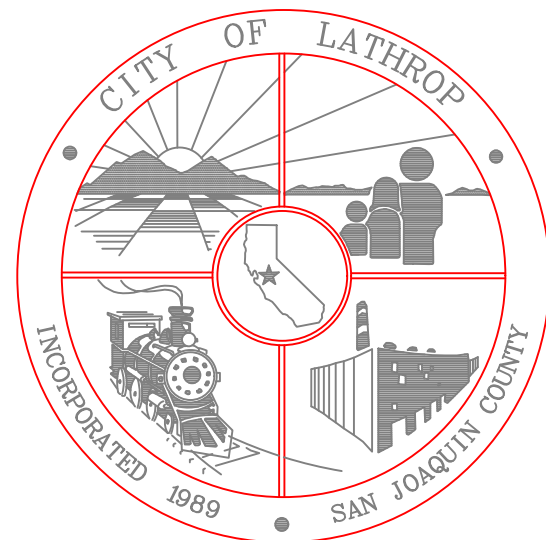
- HH. Disposal of water into the city sanitary sewer system is strictly prohibited.

- II. Disposal of water into the existing storm drain system must be approved in writing by the City Engineer prior to disposal.

- JJ. Contractor shall maintain all streets, sidewalks, and all other public right-of-ways in a clean, safe, and usable condition throughout the course of construction. All spillage of soil, rock, construction debris, etc., shall be removed immediately from publicly owned property. All adjacent property, private or public, shall be maintained in a clean, safe, and usable condition. The Contractor shall provide for safe, unobstructed access to private property adjacent to work throughout the period of construction. Contractor shall provide to the Public Works Department the name and telephone number of the responsible person available 24 hours a day if any problems or conditions are not met.

- KK. All trash, construction debris and materials shall be contained within proper containers and removed on a weekly basis.

CITY STANDARDS

[illegible]

DRAWN BY:	A.A.
CHECKED BY:	B.T.
PROJ. MGR.:	
DATE:	NOVEMBER 2024
SCALE:	N.T.S.
FILE NO.:	CIP PS 25-16

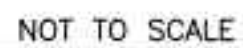
SHEET NO.
2 OF 6

(Typical for Standard Details No. R-3 to R-58)

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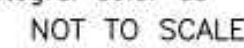
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R-4

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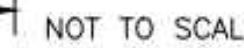
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N.T.S



Drawing No: **R-31**

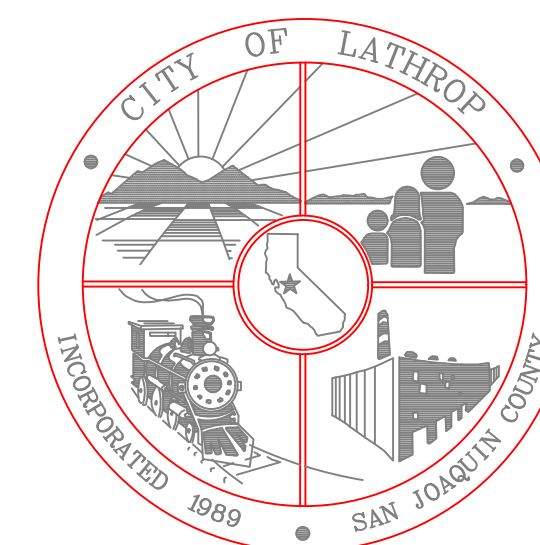
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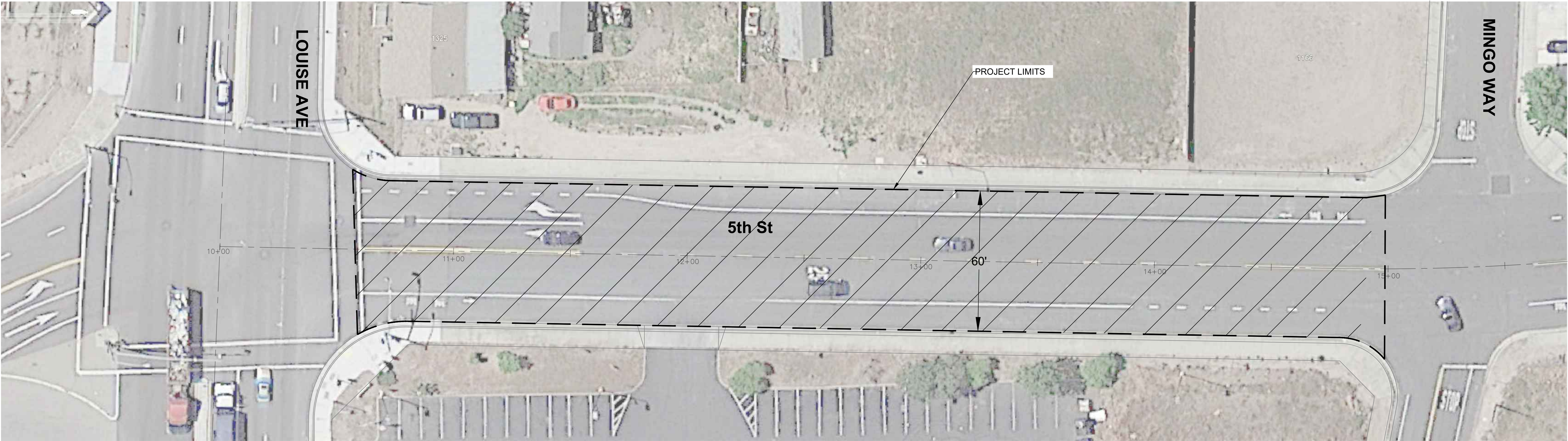
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N.T.S

STANDARD DETAILS

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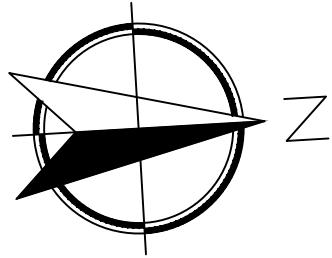
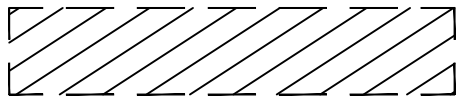
OF 6



NOTES FOR CONTRACTOR:
1. CONTRACTOR TO VERIFY ALL DIMENSIONS AND LOCATIONS.

LEGEND

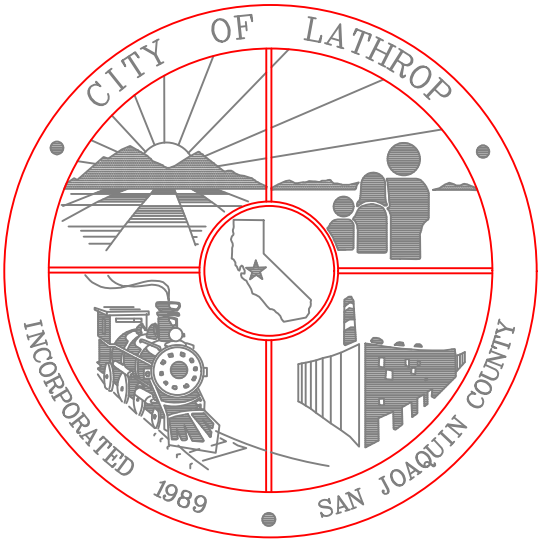
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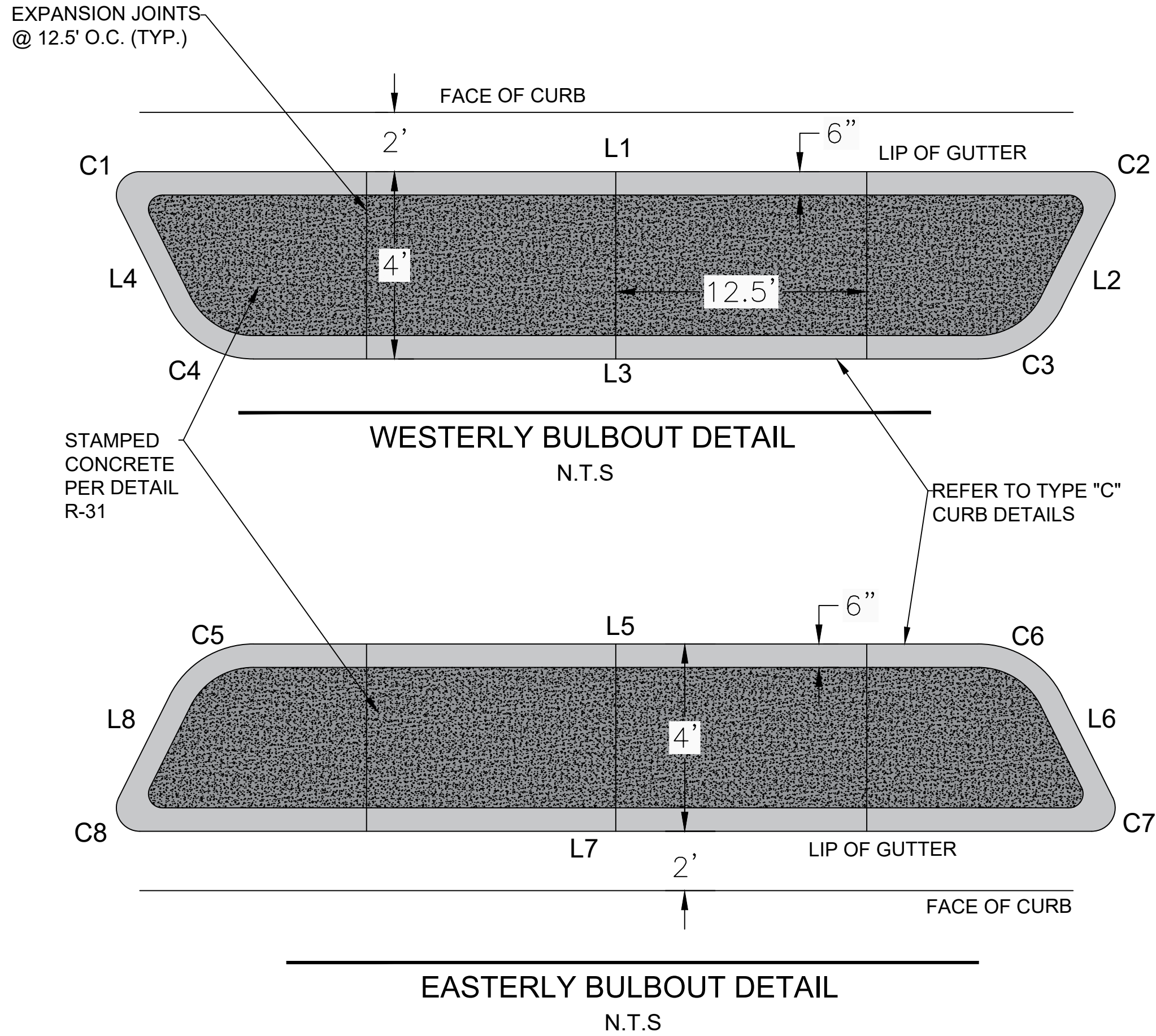
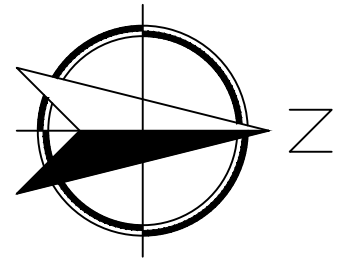
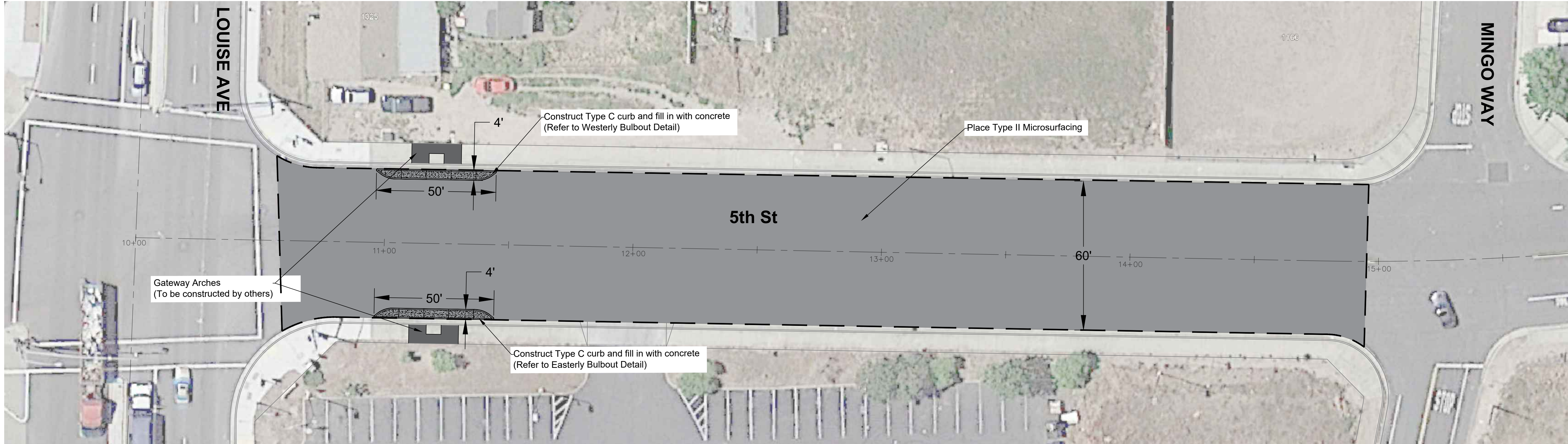
BULBOUTS ON 5TH STREET
CIP PS 25-16

DEMOLITION

REVISIONS			
NO.	BY	DATE	DESCRIPTION

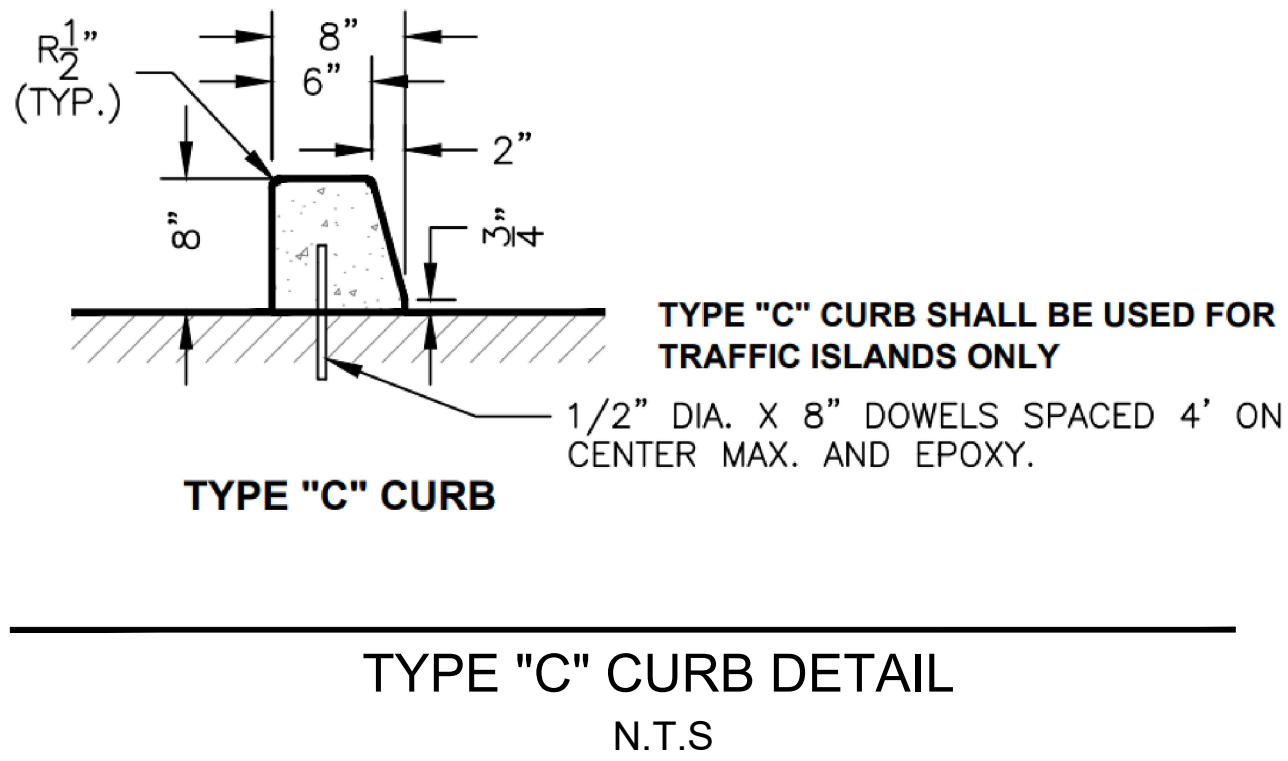


DEPARTMENT OF PUBLIC WORKS CITY OF LATHROP			SHEET NO. 4 OF 6
DRAWN BY:	A.A.		
CHECKED BY:	B.T.		
PROJ. MGR.:			
DATE:	NOVEMBER 2024		
SCALE:	1" = 20'		
FILE NO.:	CIP PS 25-16		



LINE TABLE		
LINE #	LENGTH	ANGLE
L1	47.15'	89°
L2	1.47'	308°
L3	32.98'	269°
L4	1.47'	230°
L5	32.98'	89°
L6	1.47'	50°
L7	47.15'	269°
L8	1.47'	128°

CURVE TABLE		
CURVE #	LENGTH	RADIUS
C1	1.23'	0.5'
C2	1.23'	0.5'
C3	6.75'	10'
C4	6.75'	10'
C5	6.75'	10'
C6	6.75'	10'
C7	1.23'	0.5'
C8	1.23'	0.5'



- NOTES FOR CONTRACTOR:
- 1. CONTRACTOR TO VERIFY ALL DIMENSIONS AND LOCATIONS.

BULBOUTS ON 5TH STREET
CIP PS 25-16

HORIZONTAL CONTROL

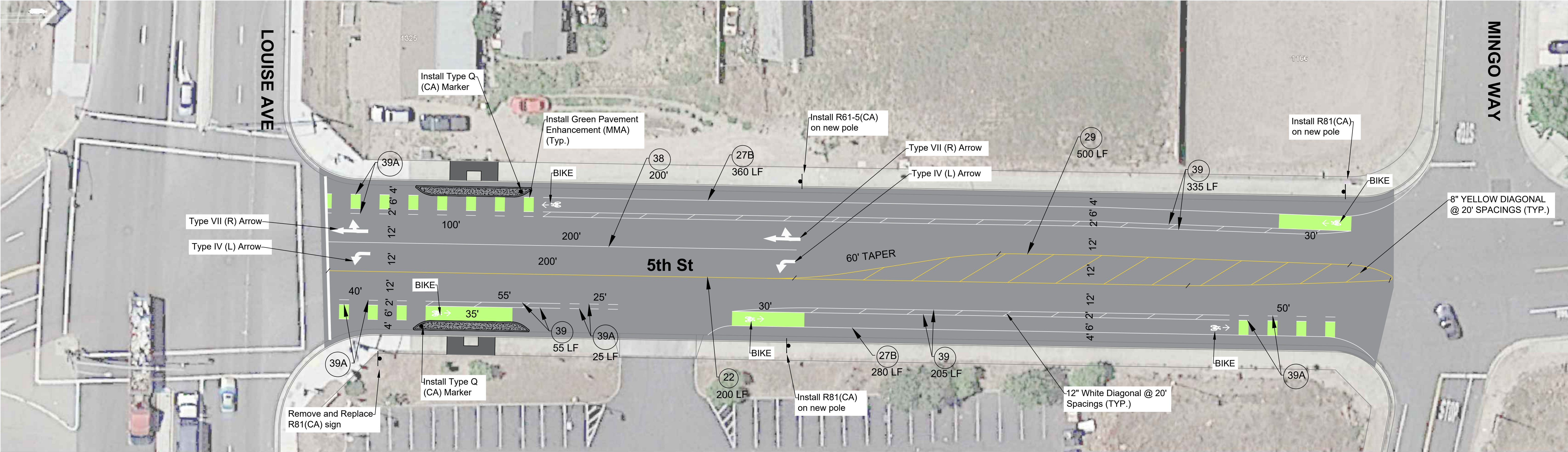
REVISIONS			
NO.	BY	DATE	DESCRIPTION



DEPARTMENT OF PUBLIC WORKS
CITY OF LATHROP

DRAWN BY: A.A.
CHECKED BY: B.T.
PROJ. MGR.:
DATE: NOVEMBER 2024
SCALE: 1" = 20'
FILE NO.: CIP PS 25-16

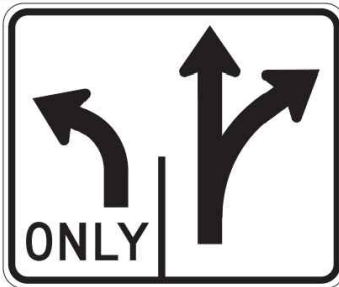
SHEET NO.
5
OF
6



SIGNS LEGEND

NOTES FOR CONTRACTOR:

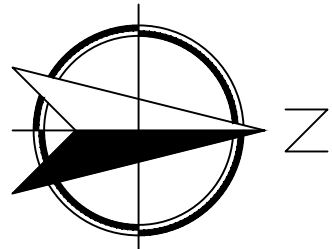
- 1. CONTRACTOR TO VERIFY ALL DIMENSIONS AND LOCATIONS
- 2. ALL STRIPING TO FOLLOW CALTRANS STANDARD DETAILS
- 3. ALL SIGNS TO COMPLY WITH MUTCD STANDARDS
- 4. ALL NEW POSTS TO COMPLY WITH CITY STANDARD DETAIL R-46



R61-5 (CA)
SIZE: 30" X 36"
QTY: 1

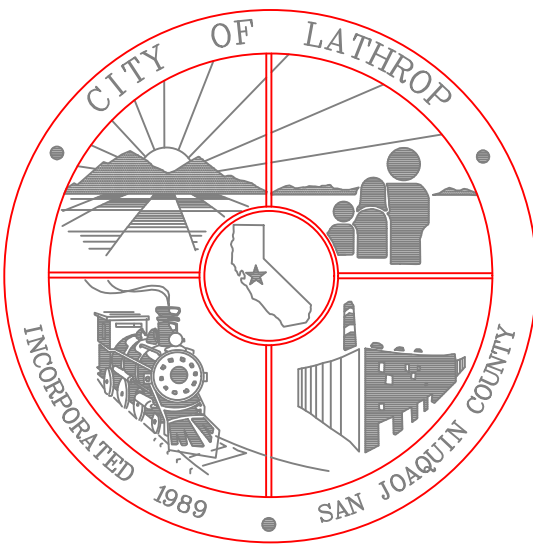


R81 (CA)
SIZE: 24" X 18"
QTY: 3



BULBOUTS ON 5TH STREET
CIP PS 25-16
SIGNING AND STRIPING

REVISIONS			
NO.	BY	DATE	DESCRIPTION



DEPARTMENT OF PUBLIC WORKS CITY OF LATHROP			SHEET NO. 6 OF 6
DRAWN BY:	A.A.		
CHECKED BY:	B.T.		
PROJ. MGR.:			
DATE:	NOVEMBER 2024		
SCALE:	1" = 20'		
FILE NO.:	CIP PS 25-16		