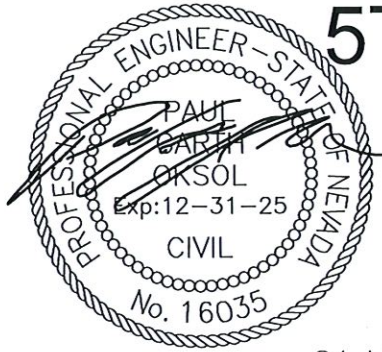


# CITY OF SPARKS

## FY26/FY27 DRAINAGE & ROADWAY PROJECT - L STREET AND 5TH STREET L STREET FROM PYRAMID WAY TO STANFORD WAY. 5TH STREET FROM L STREET TO GREENBRAE DRIVE. BID # 25/26-011 PWP #WA-2026-318



24 March 2026

GARTH OKSOL, P.E. DATE  
PROJECT ENGINEER

PROJECT NO. 70-25-071



**J-U-B ENGINEERS, INC.**  
5190 Neil Rd, Ste. 500, Reno, NV 89502  
p 775 852 1440 w www.jub.com



**THE LANGDON GROUP**



**GATEWAY MAPPING INC.**

J-U-B FAMILY OF COMPANIES

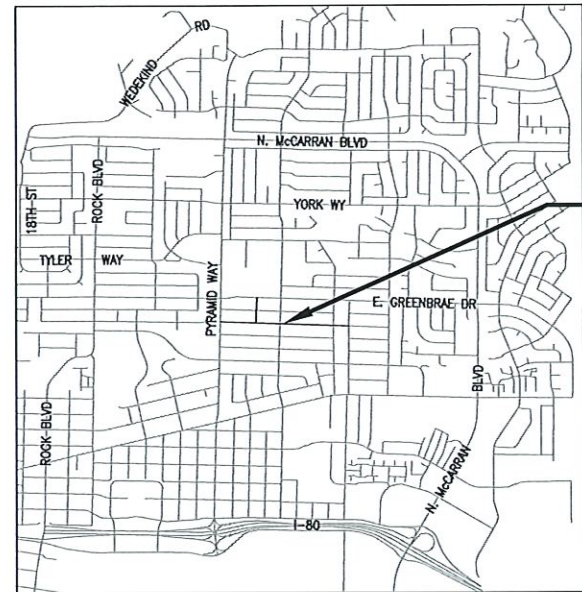


**CITY OF SPARKS OFFICIALS:**

ED LAWSON	MAYOR
DONALD ABBOTT	COUNCIL MEMBER WARD 1
DIAN VANDERWELL	COUNCIL MEMBER WARD 2
PAUL ANDERSON	COUNCIL MEMBER WARD 3
CHARLENE BYBEE	COUNCIL MEMBER WARD 4
JOE RODRIGUEZ	COUNCIL MEMBER WARD 5
DION LOUTHAN	CITY MANAGER

APPROVED BY:  DATE: 3-25-2026  
AMBER SOSA, P.E.  
CITY ENGINEER

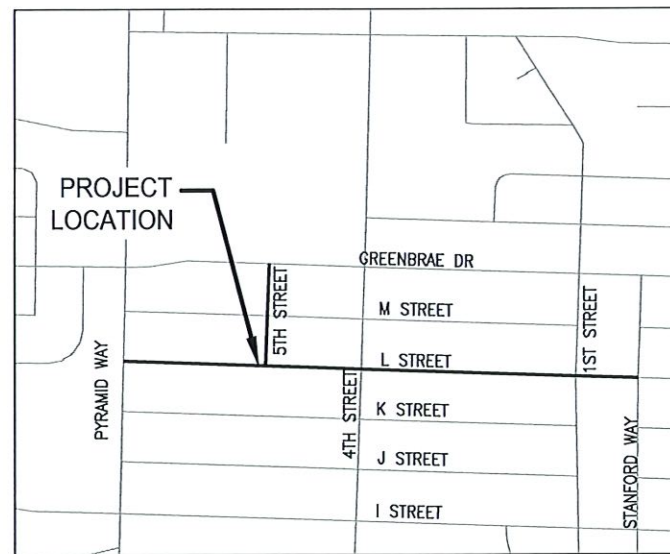
March 2026



**VICINITY MAP**  
SCALE 1" = 2000'



BID SET  
3/24/2026



**LOCATION MAP**  
SCALE 1" = 500'



Sheet List Table	
Sheet Number	Sheet Title
G-001	TITLE
G-002	GENERAL NOTES
G-003	LEGENDS
G-004	SYMBOLS AND ABBREVIATIONS
C-101	ROADWAY SITE PLAN
C-102	ROADWAY SITE PLAN
C-103	ROADWAY SITE PLAN
C-104	ROADWAY SITE PLAN
C-105	ROADWAY SITE PLAN
C-106	ROADWAY SITE PLAN
C-107	ROADWAY SITE PLAN
C-108	ROADWAY SITE PLAN
C-109	ROADWAY SITE PLAN
C-110	ROADWAY SITE PLAN
C-111	ROADWAY SITE PLAN
C-112	5TH & L STREET CROSS SECTIONS
D-501	DETAILS
D-502	DETAILS
D-503	DETAILS

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LAST UPDATED: 3/24/2026

SHEET NUMBER:

G-001

# GENERAL NOTES

- ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THE DETAILS CONTAINED IN THESE PLANS, THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC), 2012 EDITION, CITY OF SPARKS STANDARDS, AND THE STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION (SDPWC), LATEST EDITION, AS ADOPTED BY CITY OF SPARKS, AND SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER. ALL SPECIFICATIONS REFERENCED HEREIN REFER TO THE SSPWC UNLESS INDICATED OTHERWISE.
- THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL NECESSARY TRAFFIC CONTROL, THROUGHOUT CONSTRUCTION, IN ACCORDANCE WITH APPLICABLE PARTS OF SPECIFICATION SECTION 332, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, (MUTCD, LATEST EDITION).
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE GENERAL SAFETY DURING CONSTRUCTION, AND ALL WORK SHALL CONFORM TO PERTINENT SAFETY REGULATIONS AND CODES. THE CONTRACTOR SHALL FENCE AND OR BARRICADE THE CONSTRUCTION AREA AS REQUIRED TO PROTECT ADJACENT SITES, VEHICULAR TRAFFIC, AND PEDESTRIAN TRAFFIC. THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE PROVISIONS OF OSHA AND NRS CHAPTER 618, IN THE CONSTRUCTION PRACTICES FOR ALL EMPLOYEES DIRECTLY ENGAGED IN THE CONSTRUCTION OF THIS PROJECT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND/OR PROTECTION OF ALL EXISTING AND PROPOSED PIPING, UTILITIES, TRAFFIC SIGNAL EQUIPMENT (BOTH ABOVE GROUND AND BELOW GROUND), STRUCTURES ADJACENT TO STREETS, AND ALL OTHER EXISTING IMPROVEMENTS THROUGHOUT CONSTRUCTION.
- THE CONTRACTOR SHALL PURSUE WORK IN A CONTINUOUS AND DILIGENT MANNER TO ENSURE A TIMELY COMPLETION OF THE PROJECT.
- ALL CONSTRUCTION SHALL BE CLOSELY COORDINATED WITH THE CITY OF SPARKS SO THAT THE QUALITY OF WORK CAN BE CHECKED FOR APPROVAL.
- THE CONTRACTOR SHALL INCORPORATE ADEQUATE DRAINAGE PROCEDURES DURING THE CONSTRUCTION PROCESS TO ELIMINATE EXCESSIVE PONDING AND/OR EROSION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE SITE IN A NEAT AND ORDERLY MANNER THROUGHOUT THE CONSTRUCTION PROCESS. ALL MATERIALS SHALL BE STORED WITHIN APPROVED CONSTRUCTION AREAS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTINUOUS DUST CONTROL THROUGHOUT THE CONSTRUCTION OF ALL ITEMS SHOWN ON THESE DRAWINGS IN CONFORMITY WITH SECTION 40.030 OF WASHOE COUNTY AIR POLLUTION REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REGULAR CLEANING OF ALL MUD, DIRT, DEBRIS, ETC., FROM ANY AND ALL ADJACENT STREETS AND SIDEWALKS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING, ALL PERMITS AS REQUIRED BY CITY OF SPARKS. THE DUST CONTROL PERMIT SHALL BE AT THE CONTRACTOR'S EXPENSE. THE ENCROACHMENT, EXCAVATION, AND LANE CLOSURE PERMITS ARE "NO FEE" PERMITS FOR CITY PROJECTS.
- ALL DIMENSIONS ARE TO FRONT FACE OF CURB (FFC) UNLESS NOTED OTHERWISE.
- SHOULD ANY PREHISTORIC OR HISTORIC REMAINS OR ARTIFACTS BE DISCOVERED DURING SITE DEVELOPMENT, WORK SHALL BE TEMPORARILY HALTED AT THE SPECIFIC SITE AND THE STATE HISTORIC PRESERVATION OFFICE OF THE DEPARTMENT OF MUSEUMS, LIBRARY AND ARTS, SHALL BE NOTIFIED TO RECORD AND PHOTOGRAPH THE SITE. THE PERIOD OF TEMPORARY DELAY SHALL BE LIMITED TO A MAXIMUM OF TWO (2) WORKING DAYS FROM THE DATE OF NOTIFICATION.
- NO MATERIALS OF ANY KIND SHALL BE STOCKPILED OR CONSTRUCTION EQUIPMENT PARKED ON CONCRETE OR ASPHALT SURFACES UNLESS APPROVED BY THE CITY PROJECT COORDINATOR.
- CONSTRUCTION OF STREET IMPROVEMENTS MUST ALLOW FOR THE PERPETUATION OF ALL EXISTING LEGAL ACCESSSES AND EXISTING DRIVEWAYS.
- THE CONTRACTOR SHALL FURNISH PRODUCT SUBMITTALS FOR IMPROVEMENTS INCLUDING MANUFACTURER'S SPECIFICATIONS, SHOP DRAWINGS, CONCRETE MIX DESIGNS, ASPHALT MIX DESIGNS, GRADATION CERTIFICATIONS, ETC. FOR REVIEW BY THE ENGINEER OF RECORD. SUBMITTALS SHALL BE FURNISHED PROMPTLY AFTER EXECUTION OF THE CONTRACT, BUT IN ALL CASES PRIOR TO DELIVERY OF SUCH MATERIALS.

- THE CONTRACTOR IS REQUIRED TO FILE A NOTICE OF INTENT (NOI) WITH THE NEVADA DEPARTMENT OF ENVIRONMENTAL PROTECTION. THE CONTRACTOR IS REQUIRED TO SUBMIT THE NOI, PAY THE ASSOCIATED FEES, AND PROVIDE A COPY OF THE NOI RECEIPT WITH THE EE PERMIT APPLICATION. BEST MANAGEMENT PRACTICES SHALL BE IN PLACE PRIOR TO START OF CONSTRUCTION. THE CONTRACTOR SHALL COMPLY AND MAINTAIN THE CONSTRUCTION SITE INSPECTION CHECKLIST, LOCATED IN APPENDIX D OF THE TRUCKEE MEADOWS BMP HANDBOOK. THE CHECKLIST SHALL BE ONSITE FOR REVIEW BY STATE AND LOCAL GOVERNMENT INSPECTORS. THE CONTRACTOR SHALL INSPECT THE SITE DAILY; PRIOR TO FORECASTED RAIN EVENTS AND WITHIN 24 HOURS OF ANY RAIN EVENT. IF AN INSPECTOR DETERMINES THAT INSTALLED STORM WATER CONTROLS PLACE THE CITY AT RISK OF VIOLATING ITS NPDES PERMIT, THE INSPECTOR MAY ORDER A CHANGE TO THE STORM WATER CONTROLS. IF THE CHANGE IS NOT ACCEPTABLE OR IS NOT IMMEDIATELY IMPLEMENTED, A VIOLATION POSSIBLY RESULTING IN A FINE MAY BE ISSUED. THE CONTRACTOR SHALL NOT DISPOSE OR PLACE DEBRIS IN ANY CITY OF SPARKS MANHOLE, CATCH BASIN OR FACILITY.

# EXISTING UTILITIES

- APPROXIMATE LOCATIONS OF UTILITIES ARE SHOWN ON THE PLANS. THEY ARE TO BE USED FOR GENERAL INFORMATION ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE APPROPRIATE UTILITY COMPANIES WHEN CONSTRUCTION MIGHT INTERFERE WITH NORMAL OPERATION OF ANY UTILITIES. IT SHALL ALSO BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE THE APPROPRIATE UTILITY COMPANY FIELD-LOCATE ANY UTILITY INSTALLATIONS WHICH MIGHT BE AFFECTED BY CONSTRUCTION PRIOR TO BEGINNING WORK IN THAT AREA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SERVICE OF EXISTING UTILITIES AND FOR RESTORING ANY UTILITIES DAMAGED DUE TO CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER. DEPTHS AND ELEVATIONS OF UTILITIES ARE UNKNOWN UNLESS OTHERWISE SHOWN. CONTRACTOR SHALL FIELD VERIFY UTILITY DEPTHS AND ELEVATIONS; ANY DISCREPANCIES AND/OR CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.
- RECENT UTILITY WORK INCLUDES:
  - A. TMWA M STREET WATER MAIN REPLACEMENT.
  - B. TMWA 5TH AND L STREET WATER MAIN REPLACEMENT.
  - C. NV ENERGY L STREET GAS MAIN REPLACEMENT.
 CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH CURRENT CONDITIONS INCLUDING, BUT NOT LIMITED TO, FIELD INVENTORY.

# DEMOLITION NOTES

- THE REMOVAL OF EXISTING IMPROVEMENTS SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC, 2012), SECTION 301.00.
- EXISTING IMPROVEMENTS, ADJACENT PROPERTY, FENCING, WALLS, UTILITIES AND OTHER FACILITIES, TREES AND PLANTS THAT ARE NOT TO BE REMOVED SHALL BE PROTECTED FROM INJURY OR DAMAGE RESULTING FROM THE CONTRACTORS OPERATIONS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC, 2012), SECTIONS 301.04 AND 300.04.
- THE CONTRACTOR SHALL ADJUST ALL EXISTING MANHOLE RIMS, WATER & GAS VALVE COVERS, & UTILITY BOXES AND FRAME AND COVERS, BOTH HORIZONTALLY AND VERTICALLY, AS REQUIRED TO FIT THE NEW WORK. THE CONTRACTOR SHALL REPLACE ANY APPURTENANCE DAMAGED DURING RELOCATION AT THE COST OF THE CONTRACTOR.
- ALL EXISTING FEATURES IN CONFLICT WITH PROPOSED SHALL BE REMOVED, RELOCATED AND/OR REPLACED. CONTRACTOR SHALL OBTAIN APPROVAL FROM THE ENGINEER AND THE GOVERNING AGENCIES PRIOR TO SUCH REMOVAL, RELOCATION AND/OR REPLACEMENT.

# CONTACT PHONE NUMBERS

## ENGINEER - (J-U-B ENGINEERS, INC.)

GARTH OKSOL, P.E. 775-852-1440 office  
 J-U-B OFFICE - RENO, NV  
 5190 Neil Rd. Ste. 500  
 Reno, NV 89502

## SENIOR CIVIL ENGINEER - (CITY OF SPARKS)

BECCA EPSTEIN, P.E. 775-747-9328 cell  
 431 Prater Way  
 Sparks, NV 89431

**BID SET**  
3/24/2026



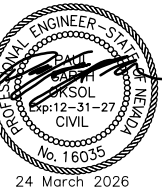
**Know what's below.  
Call before you dig.**

**CALL 2 BUSINESS DAYS IN ADVANCE BEFORE  
YOU DIG, GRADE, OR EXCAVATE FOR THE  
MARKING OF UNDERGROUND MEMBER  
UTILITIES**



J-U-B ENGINEERS, INC.

J-U-B ENGINEERS, INC.  
 5190 Neil Road  
 Suite 500  
 Reno, NV 89502  
 Phone: 775.852.1440  
 www.jub.com



NO.	DESCRIPTION	BY	DATE

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FY26/FY27 DRAINAGE & ROADWAY PROJECT  
 L & 5TH STREET

GENERAL NOTES

FILE: 07-25-071\_G-002  
 JUB PROJ. #: 70-25-071  
 DRAWN BY: PSS  
 DESIGN BY: PSS  
 CHECKED BY: GO  
 AT FULL SIZE, IF NOT ONE INCH, SCALE ACCORDINGLY  
 LAST UPDATED: 3/24/2026

SHEET NUMBER:  
**G-002**

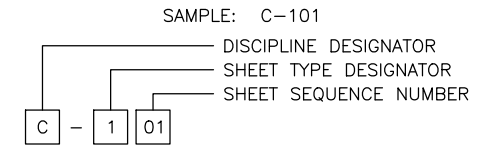
## LINE LEGEND

LINE DESCRIPTION	PROPOSED LINE	EXISTING LINE
<b>POWER / COMMUNICATIONS</b>		
OVERHEAD POWER	—OHP—	--- OHP ---
UNDERGROUND POWER	—UP—	--- UP ---
OVERHEAD TELEPHONE	—OHT—	--- OHT ---
UNDERGROUND TELEPHONE	—UT—	--- UT ---
FIBER OPTIC	—F/O—	--- F/O ---
CABLE TELEVISION	—CTV—	--- CTV ---
UNDERGROUND POWER, TEL, CABLE TV		--- P,T,CTV ---
UNDERGROUND POWER, TEL, CABLE TV, GAS		--- P,T,CTV,G ---
<b>STORM DRAIN</b>		
STORM DRAIN (GENERAL)	—SD—	--- SD ---
STORM DRAIN	—X*SD—	--- X*SD ---
ROOF DRAIN	—RD—	--- RD ---
LAND DRAIN	—LD—	--- LD ---
<b>SANITARY SEWER</b>		
SANITARY SEWER (GENERAL)	—SS—	--- SS ---
SANITARY SEWER	—X*SS—	--- X*SS ---
SANITARY SEWER SERVICE	—SS—SS	--- SS --- SS ---
SEWER FORCE MAIN	—FM—	--- FM ---
<b>WATER</b>		
WATER (GENERAL)	—W—	--- W ---
WATER (SPECIFIED SIZE)	—X*W—	--- X*W ---
WATER SERVICE	—WS—WS	--- WS --- WS ---
<b>IRRIGATION</b>		
IRRIGATION	—IRR—	--- IRR ---
GRAVITY IRRIGATION	—GIRR—	--- GIRR ---
PRESSURE IRRIGATION	—PIRR—	--- PIRR ---
POTABLE WATER	—PW—	--- PW ---
NON-POTABLE WATER	—NPW—	--- NPW ---
<b>GAS</b>		
NATURAL GAS	—G—	--- G ---
NATURAL GAS SERVICE	—G—G	--- G --- G ---
HIGH PRESSURE GAS	—HPG—	--- HPG ---
LIQUID GAS	—LG—	--- LG ---
<b>UTILITY</b>		
CHLORINE LINE	—CHL—	--- CHL ---
INDUSTRIAL WASTE WATER	—IWW—	--- IWW ---
DRAIN LINE	—DL—	--- DL ---

LINE DESCRIPTION	PROPOSED LINE	EXISTING LINE
<b>BOUNDARY</b>		
PROPERTY LINE	—P/L—	--- P/L ---
PROPERTY LINE	— — —	--- --- ---
RIGHT OF WAY	—R/W—	--- R/W ---
TEMPORARY EASEMENT	—T/E—	--- T/E ---
PERMANENT EASEMENT	—P/E—	--- P/E ---
TOWNSHIP AND RANGE		--- --- ---
SECTION LINE		--- --- ---
QUARTER SECTION LINE		--- --- ---
1/16 SECTION LINE		--- --- ---
STATE LINE		--- --- ---
COUNTY LINE		--- --- ---
<b>SITE</b>		
FENCE	—X—	--- X ---
MAJOR CONTOUR	—2521—	--- --- ---
MINOR CONTOUR		--- --- ---
GRADE BREAK		--- GB ---
TOP OF BANK		--- TOB ---
TOE OF SLOPE		--- TOE ---
CUT LIMITS	— — —	--- --- ---
CUT LIMITS	—CUT—	--- --- ---
FILL LIMITS	— · · · · ·	--- --- ---
FILL LIMITS	—FILL—	--- --- ---
DITCH	— · · ·	--- --- ---
STORM SWALE	— · · ·	--- --- ---
EDGE OF WATER		--- --- ---
HIGH WATER		--- --- ---
WETLAND		--- WET ---
WETLAND BOG		--- BOG ---
WETLAND MARSH		--- MRSH ---
WETLAND SWAMP		--- SWMP ---
<b>ROADWAY</b>		
ROAD SHOULDER	— — —	--- --- ---
ROAD CENTERLINE	— — —	--- --- ---
ROAD ASPHALT		--- EP ---
ROAD GRAVEL	—EG—	--- EG ---
TOP BACK OF CURB		--- --- ---
LIP OF GUTTER		--- --- ---
LANDSCAPING LIMITS	—LS—	--- LS ---

**BID SET**  
3/24/2026

## SHEET NUMBERING

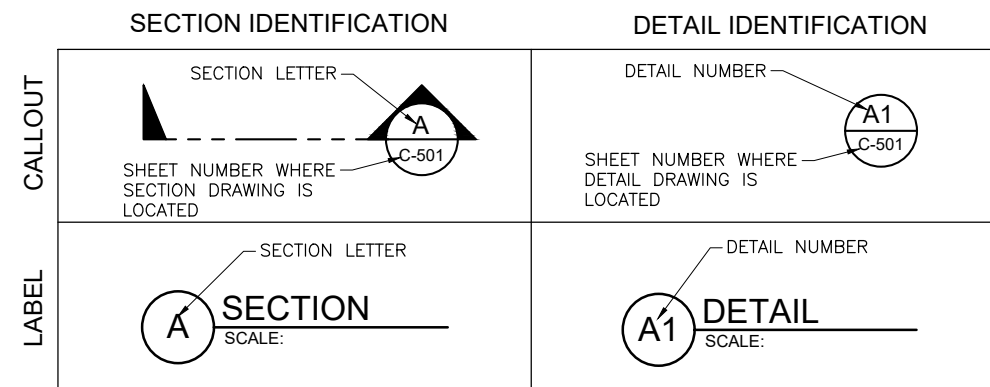


DISCIPLINE DESIGNATORS		
DISCIPLINE	DESIGNATOR	DESCRIPTION
GENERAL	G	ALL GENERAL
	GI	GENERAL INFORMATION
	GC	GENERAL CONTRACTUAL
	GR	GENERAL RESOURCE
SURVEY/MAPPING	V	ALL SURVEY
GEOTECHNICAL	B	ALL GEOTECHNICAL
CIVIL	C	ALL CIVIL
LANDSCAPE	L	ALL LANDSCAPE
STRUCTURAL	S	ALL STRUCTURAL
ARCHITECTURAL	A	ALL ARCHITECTURE
EQUIPMENT	Q	ALL EQUIPMENT
MECHANICAL	M	ALL MECHANICAL
ELECTRICAL	E	ALL ELECTRICAL
PLUMBING	P	ALL PLUMBING
PROCESS	D	ALL PROCESS
RESOURCE	R	ALL RESOURCE

SHEET TYPE DESIGNATORS	
DESIGNATOR	SHEET TYPE
0	GENERAL (SYMBOLS, LEGENDS, NOTES, ETC.)
1	PLANS (HORIZONTAL VIEWS)
2	ELEVATIONS, PROFILES, COMBINED PLAN & PROFILES
3	SECTIONS (SECTIONAL VIEWS)
4	LARGE-SCALE VIEWS (PLANS, ELEVATIONS, ECT.)
5	DETAILS OR COMBINED DETAILS AND SECTIONS
6	SCHEDULES AND DIAGRAMS
7	USER DEFINED
8	USER DEFINED
9	3D REPRESENTATIONS (ISOMETRICS, PERSPECTIVES, PHOTOS)

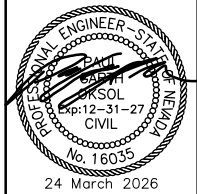
## SECTION AND DETAIL IDENTIFIERS

**NOTE:**  
A DASH MAY BE PLACED IN THE LOWER PORTION OF THE IDENTIFIER IF THE DETAIL DRAWING OR SECTION VIEW IS LOCATED ON THE SAME SHEET.



J-U-B ENGINEERS, INC.

J-U-B ENGINEERS, INC.  
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www.jub.com



NO.	REVISION	DESCRIPTION	BY	DATE

FY26/FY27 DRAINAGE & ROADWAY PROJECT  
L & 5TH STREET  
LEGENDS

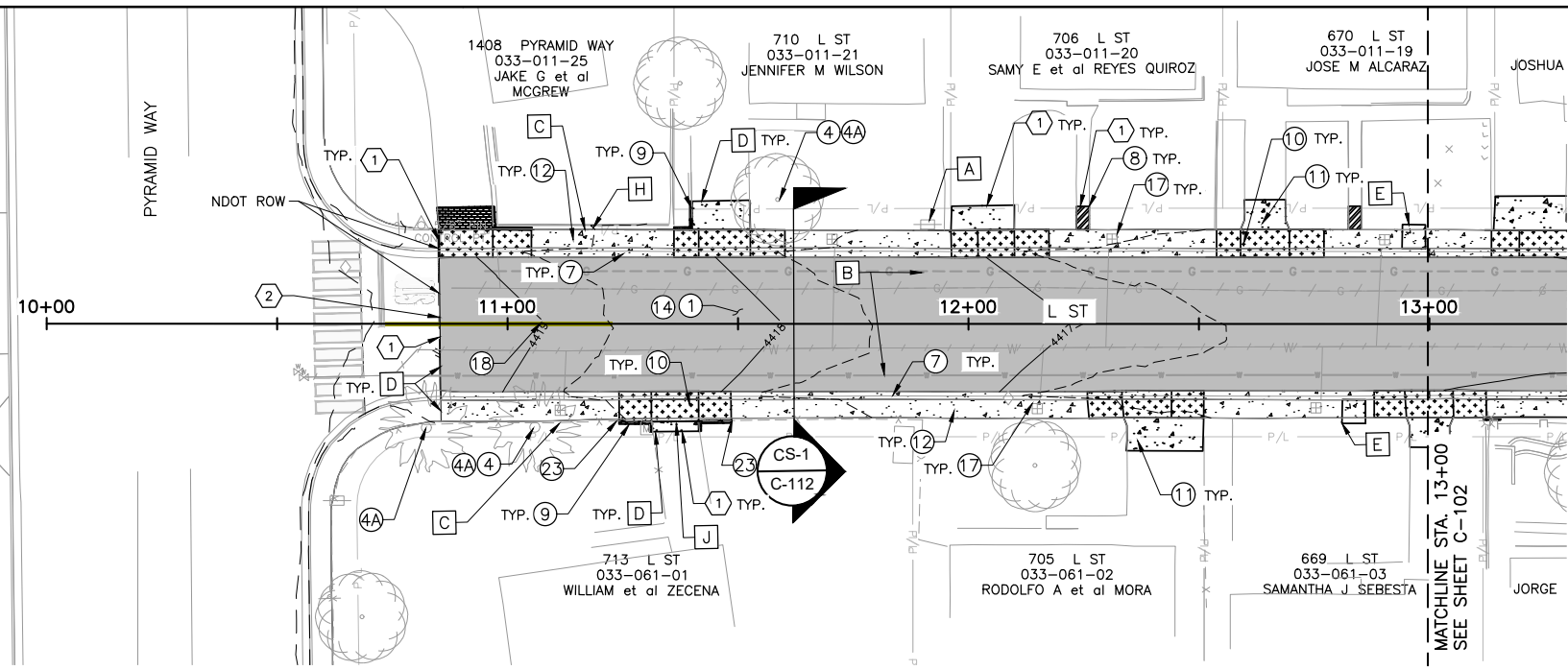
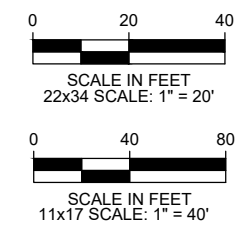
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JUB PROJ. #: 70-25-071  
DRAWN BY: PSS  
DESIGN BY: PSS  
CHECKED BY: GO  
AT FULL SIZE, IF NOT ONE INCH, SCALE ACCORDINGLY  
LAST UPDATED: 3/24/2026  
SHEET NUMBER:  
**G-003**



NO.	REVISION	DESCRIPTION	DATE

FY26/FY27 DRAINAGE & ROADWAY PROJECT  
L & 5TH STREET  
ROADWAY SITE PLAN  
10+00 - 13+00

**BID SET**  
3/24/2026



**SITE PLAN 10+00 - 13+00**

**CONSTRUCTION NOTES:**

- A** PROTECT EXISTING STREET LIGHT/POWER POLE IN PLACE
- B** PROTECT EXISTING UTILITY PIPE IN PLACE
- C** PROTECT EXISTING FENCE IN PLACE
- D** MATCH TO EXISTING GRADE
- E** ADA PASSING SPACES (60" x 60" PAD) SEE DETAIL S-103B SHEET C-501
- H** PROTECT MOW STRIP IN PLACE
- J** ADJUST/EXTEND GATE WHEELS

**HATCH LEGEND**

HATCH DESCRIPTION	HATCH DEPICTION	ASSOCIATED SECTION/DETAIL	
PROPOSED ASPHALT PAVEMENT & ROADBED MODIFICATION		CS-1 C-112	
PROPOSED FULL DEPTH PAVEMENT PATCH		S-115 D-502	
PROPOSED CONCRETE REPLACEMENT SECTION		S-109 D-501	S-103 D-501
PROPOSED DRIVEWAY APRON REPLACEMENT		S-111B D-501	S-111C D-502
PROPOSED GRAVEL REPLACEMENT			
REMOVE, SALVAGE AND REPLACE PAVER/BRICK			
PROPOSED WALKWAY REPLACEMENT		S-103 D-501	
REMOVE & REPLACE MOW STRIP			
ROADBED MODIFICATION (STA 16+00 TO STA 19+50)		CS-1 C-112	

**IMPROVEMENT LEGEND \*QUANTITIES FOR SHEET C-101 ONLY\***

NO.	IMPROVEMENT	UNIT	QTY.	PER DETAIL
1	ROADBED MODIFICATION	SF	6260	CS-1/C-112
2	ROADBED MODIFICATION (STA 16+00 TO STA 19+50)	SF	0	CS-1/C-112
3	OVEREXCAVATION OF UNSUITABLE MATERIAL, FURNISH & PLACE TYPE 1 AGGREGATE BASE (CONTINGENT)	CY	100	CS-1/C-112
4	REMOVE AND DISPOSE OF EXISTING TREE/ARBORIST TIME (CONTINGENT)	EA	2	N/A
4A	ROOT MITIGATION	EA	3	N/A
5	REMOVE EXISTING AND INSTALL TYPE 4R DRAINAGE INLET	EA	-	S-204A, S-204B/D-502
6	REMOVE AND REPLACE 8" SDR-35 PVC	LF	-	S-117/D-502
7	REMOVE EXISTING AND CONSTRUCT PCC TYPE I CURB AND GUTTER	LF	500	S-109/D-501
8	REMOVE AND REPLACE EXISTING WALKWAY	SF	28	N/A
9	INSTALL POST CURB	LF	55	S-110/D-501
10	REMOVE EXISTING AND CONSTRUCT PCC RESIDENTIAL DRIVEWAY APRON	SF	1059	S-111B/D-501, S-111C/D-502
11	REMOVE AND REPLACE RESIDENTIAL DRIVEWAY	SF	455	N/A
12	REMOVE EXISTING AND CONSTRUCT PCC SIDEWALK	SF	987	S-103/D-501
13	REMOVE EXISTING AND CONSTRUCT PCC ADA ACCESSIBLE RAMP	EA	-	S-106A/D-501
14	FURNISH AND INSTALL 4-INCH PLANTMIX BITUMINOUS PAVEMENT	SF	6260	CS-1/C-112
15	FURNISH AND INSTALL FULL DEPTH PAVEMENT PATCH	SF	-	S-115/D-502
16	PROTECT AND ADJUST UTILITY VALVE TO FINISH GRADE	EA	-	10J-2/D-503
17	PROTECT AND ADJUST METER BOX TO FINISH GRADE	EA	6	10K-2/D-502
18	INSTALL 4-INCH SOLID DOUBLE YELLOW CENTERLINE STRIPING (TYPE II WATERBORNE)	LF	50	MUTCD 3B.01
19	INSTALL 24-INCH STOP BAR (THERMOPLASTIC)	LF	-	S-411/D-503
20	INSTALL INTERNATIONAL CROSSWALK (THERMOPLASTIC)	LF	-	S-411/D-503
21	INSTALL 8-FOOT STOP LEGENDS (THERMOPLASTIC)	EA	-	MUTCD 3B.20
22	FURNISH AND INSTALL NEW STOP SIGN AND POST, SALVAGE AND RE-INSTALL STREET SIGNS	EA	-	S-401A/D-502
23	REMOVE AND REINSTALL FENCING/GATE	LF	15	N/A
24	REMOVE AND REPLACE PCC MOW STRIP	LF	-	N/A
25	PROTECT AND ADJUST UTILITY MANHOLE TO FINISH GRADE	EA	-	S-210A/D-502

**RE-CONSTRUCTION NOTES:**

- ① SAW CUT FULL DEPTH FOR A CLEAN VERTICAL JOINT, FINISHED SURFACE SHALL MATCH ADJACENT EXISTING SURFACE WITH A NEAT LINE/CLEAN EDGE.
- ② CONTRACTOR SHALL COORDINATE TIE-IN POINT WITH NDOT'S PYRAMID WAY REHAB PROJECT

**Driveway Build Back Table**

Address	Driveway Distance From Back of Sidewalk	Driveway Curb	
		Left	Right
1408 Pyramid Way	5.0'		X
713 L ST.	2.2'	X	X
710 L ST.	6.4'	X	
706 L ST.	5.3'		
705 L ST.	7.2'		
670 L ST.	6.5'		
669 L ST.	6.5'		

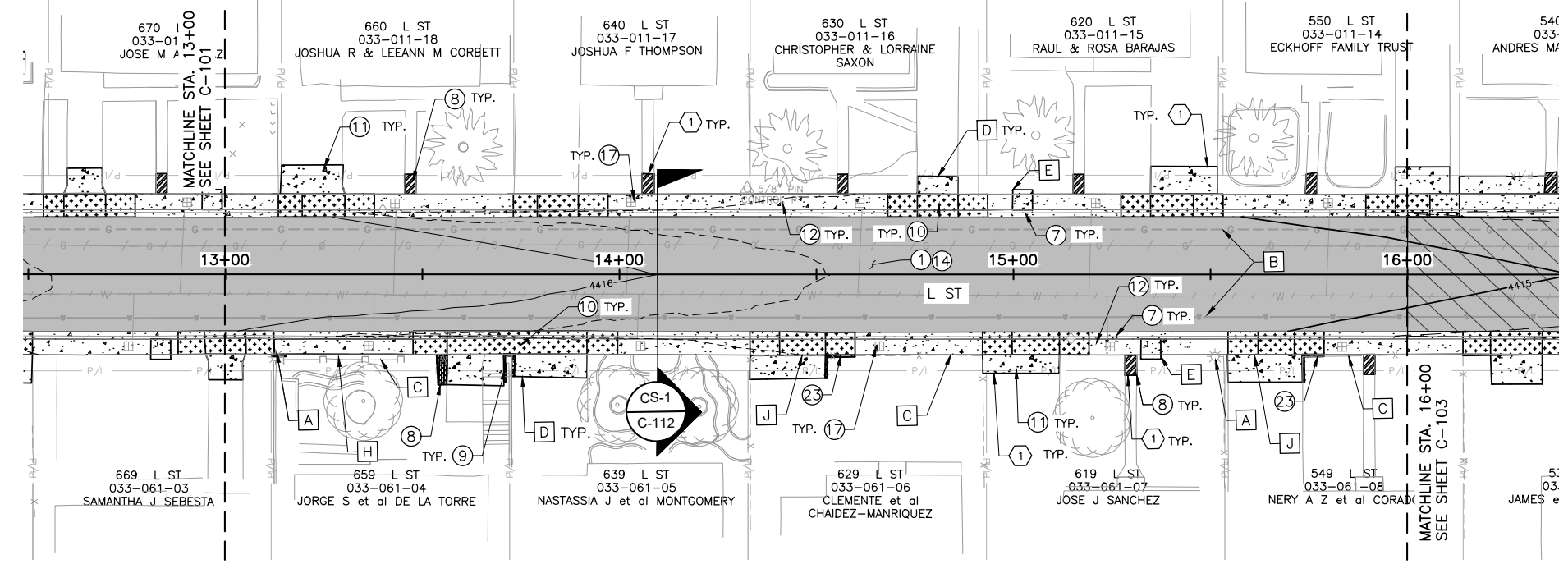
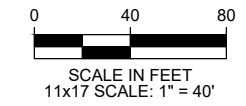
**DESIGN TABLE L STREET SHEET C-101**

Station	TOP BACK OF CURB (LEFT)		LIP OF GUTTER (LEFT)			CROWN			LIP OF GUTTER (RIGHT)			TOP BACK OF CURB (RIGHT)		
	EXISTING	PROPOSED	EXISTING	PROPOSED	OFFSET (FT)	SLOPE	EXISTING	PROPOSED	SLOPE	OFFSET (FT)	EXISTING	PROPOSED	EXISTING	PROPOSED
11+00.00	19.35	<b>19.32</b>	19.14	<b>18.87</b>	14.50	2.00%	19.46	<b>19.16</b>	1.26%	14.62	19.12	<b>18.97</b>	19.44	<b>19.44</b>
11+50.00	18.37	<b>17.96</b>	18.22	<b>17.90</b>	14.50	2.00%	18.53	<b>18.19</b>	1.78%	14.47	18.08	<b>17.93</b>	18.38	<b>18.41</b>
12+00.00	17.41	<b>17.53</b>	17.26	<b>17.06</b>	14.50	2.03%	17.65	<b>17.35</b>	1.64%	14.50	17.29	<b>17.11</b>	17.55	<b>17.58</b>
12+50.00	16.74	<b>16.93</b>	16.47	<b>16.46</b>	14.50	2.00%	17.06	<b>16.75</b>	2.27%	14.39	16.54	<b>16.42</b>	16.78	<b>16.48</b>
13+00.00	16.42	<b>16.60</b>	16.15	<b>16.13</b>	14.50	2.00%	16.63	<b>16.42</b>	2.80%	14.30	16.17	<b>16.01</b>	16.30	<b>16.07</b>

NO.	REVISION	DESCRIPTION	BY	DATE

FY26/FY27 DRAINAGE & ROADWAY PROJECT  
L & 5TH STREET  
ROADWAY SITE PLAN  
13+00 - 16+00

**BID SET**  
3/24/2026



**SITE PLAN 13+00 - 16+00**

**CONSTRUCTION NOTES:**

- A** PROTECT EXISTING STREET LIGHT/POWER POLE IN PLACE
- B** PROTECT EXISTING UTILITY PIPE IN PLACE
- C** PROTECT EXISTING FENCE IN PLACE
- D** MATCH TO EXISTING GRADE
- E** ADA PASSING SPACES (60" x 60" PAD) SEE DETAIL S-103B SHEET C-501
- H** PROTECT MOW STRIP IN PLACE
- J** ADJUST/EXTEND GATE WHEELS

**HATCH LEGEND**

HATCH DESCRIPTION	HATCH DEPICTION	ASSOCIATED SECTION/DETAIL	
PROPOSED ASPHALT PAVEMENT & ROADBED MODIFICATION		CS-1 C-112	
PROPOSED FULL DEPTH PAVEMENT PATCH		S-115 D-502	
PROPOSED CONCRETE REPLACEMENT SECTION		S-109 D-501	S-103 D-501
PROPOSED DRIVEWAY APRON REPLACEMENT		S-111B D-501	S-111C D-502
PROPOSED GRAVEL REPLACEMENT			
REMOVE, SALVAGE AND REPLACE PAVER/BRICK			
PROPOSED WALKWAY REPLACEMENT		S-103 D-501	
REMOVE & REPLACE MOW STRIP			
ROADBED MODIFICATION (STA 16+00 TO STA 19+50)		CS-1 C-112	

**IMPROVEMENT LEGEND \*QUANTITIES FOR SHEET C-102 ONLY\***

NO.	IMPROVEMENT	UNIT	QTY.	PER DETAIL
1	ROADBED MODIFICATION	SF	8726	CS-1/C-112
2	ROADBED MODIFICATION (STA 16+00 TO STA 19+50)	SF	0	CS-1/C-112
3	OVEREXCAVATION OF UNSUITABLE MATERIAL, FURNISH & PLACE TYPE 1 AGGREGATE BASE (CONTINGENT)	CY	100	CS-1/C-112
4	REMOVE AND DISPOSE OF EXISTING TREE/ARBORIST TIME (CONTINGENT)	EA	-	N/A
4A	ROOT MITIGATION	EA	-	N/A
5	REMOVE EXISTING AND INSTALL TYPE 4R DRAINAGE INLET	EA	-	S-204A, S-204B/D-502
6	REMOVE AND REPLACE 8" SDR-35 PVC	LF	-	S-117/D-502
7	REMOVE EXISTING AND CONSTRUCT PCC TYPE I CURB AND GUTTER	LF	344	S-109/D-501
8	REMOVE AND REPLACE EXISTING WALKWAY	SF	120	N/A
9	INSTALL POST CURB	LF	67	S-110/D-501
10	REMOVE EXISTING AND CONSTRUCT PCC RESIDENTIAL DRIVEWAY APRON	SF	1467	S-111B/D-501, S-111C/D-502
11	REMOVE AND REPLACE RESIDENTIAL DRIVEWAY	SF	871	N/A
12	REMOVE EXISTING AND CONSTRUCT PCC SIDEWALK	SF	1327	S-103/D-501
13	REMOVE EXISTING AND CONSTRUCT PCC ADA ACCESSIBLE RAMP	EA	-	S-106A/D-501
14	FURNISH AND INSTALL 4-INCH PLANTMIX BITUMINOUS PAVEMENT	SF	8726	CS-1/C-112
15	FURNISH AND INSTALL FULL DEPTH PAVEMENT PATCH	SF	-	S-115/D-502
16	PROTECT AND ADJUST UTILITY VALVE TO FINISH GRADE	EA	-	10J-2/D-503
17	PROTECT AND ADJUST METER BOX TO FINISH GRADE	EA	10	10K-2/D-502
18	INSTALL 4-INCH SOLID DOUBLE YELLOW CENTERLINE STRIPING (TYPE II WATERBORNE),	LF	-	MUTCD 3B.01
19	INSTALL 24-INCH STOP BAR (THERMOPLASTIC)	LF	-	S-411/D-503
20	INSTALL INTERNATIONAL CROSSWALK (THERMOPLASTIC)	LF	-	S-411/D-503
21	INSTALL 8-FOOT STOP LEGENDS (THERMOPLASTIC)	EA	-	MUTCD 3B.20
22	FURNISH AND INSTALL NEW STOP SIGN AND POST, SALVAGE AND RE-INSTALL STREET SIGNS	EA	-	S-401A/D-502
23	REMOVE AND REINSTALL FENCING/GATE	LF	28	N/A
24	REMOVE AND REPLACE PCC MOW STRIP	LF	-	N/A
25	PROTECT AND ADJUST UTILITY MANHOLE TO FINISH GRADE	EA	-	S-210A/D-502

**RE-CONSTRUCTION NOTES:**

- 1** SAW CUT FULL DEPTH FOR A CLEAN VERTICAL JOINT. FINISHED SURFACE SHALL MATCH ADJACENT EXISTING SURFACE WITH A NEAT LINE/CLEAN EDGE.

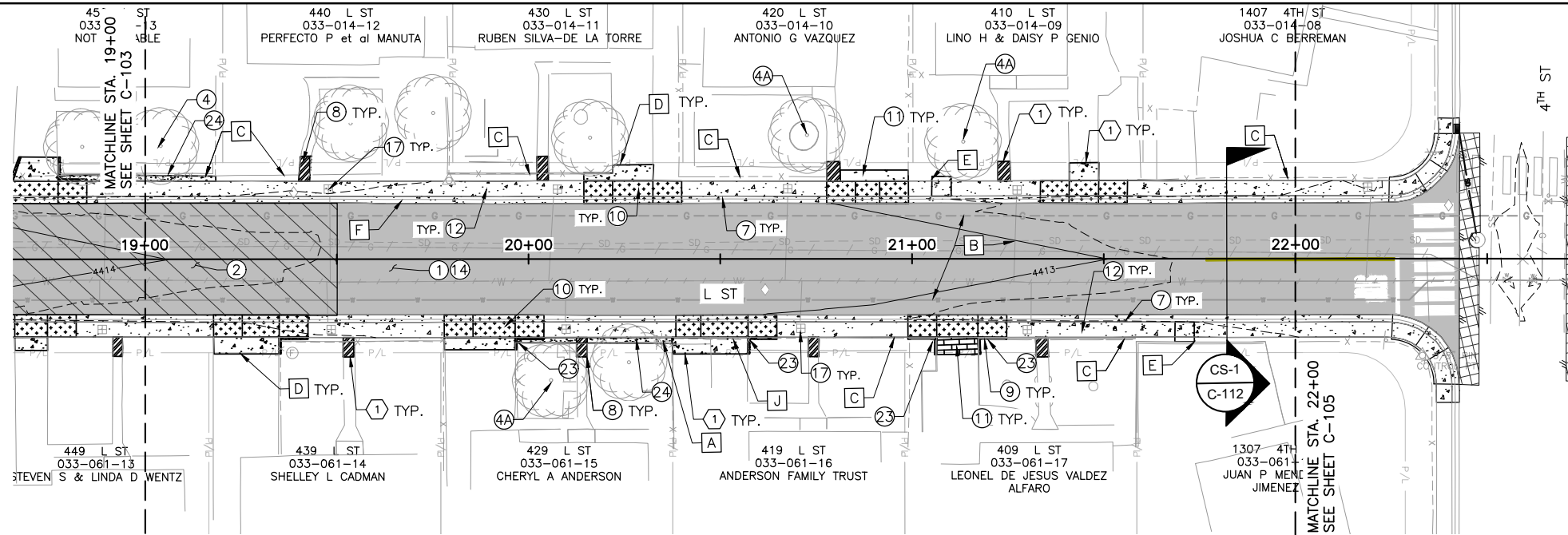
**Driveway Build Back Table**

Address	Driveway Distance From Back of Sidewalk	Driveway Curb	
		Left	Right
660 L ST.	7.5'		
659 L ST.	7.8'	X	
640 L ST.	-		
639 L ST.	6.0'		X
630 L ST.	9.5'		
629 L ST.	6.5'	X	
620 L ST.	7.0'		
619 L ST.	4.5'		
549 L ST.	7.0'	X	

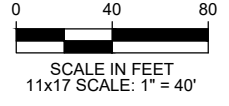
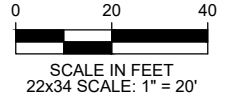
**DESIGN TABLE L STREET SHEET C-102**

	TOP BACK OF CURB (LEFT)				LIP OF GUTTER (LEFT)				CROWN				LIP OF GUTTER (RIGHT)				TOP BACK OF CURB (RIGHT)	
	EXISTING	PROPOSED	EXISTING	PROPOSED	EXISTING	PROPOSED	OFFSET (FT)	SLOPE	EXISTING	PROPOSED	SLOPE	OFFSET (FT)	EXISTING	PROPOSED	EXISTING	PROPOSED		
13+00.00	16.42	16.60	16.15	16.13	14.50	2.00%	16.63	16.42	2.80%	14.30	16.17	16.01	16.30	16.07				
13+50.00	16.25	16.40	15.98	15.92	14.50	2.00%	16.40	16.21	2.34%	14.33	16.01	15.87	16.29	16.35				
14+00.00	16.10	16.23	15.84	15.75	14.50	2.00%	16.28	16.04	2.54%	14.32	15.81	15.67	16.08	16.15				
14+50.00	15.86	15.96	15.61	15.49	14.50	2.00%	16.02	15.78	2.30%	14.49	15.66	15.44	15.86	15.50				
15+00.00	15.63	15.69	15.35	15.22	14.50	2.00%	15.72	15.51	1.67%	14.37	15.43	15.26	15.68	15.32				
15+50.00	15.47	15.50	15.22	15.03	14.50	2.00%	15.61	15.32	1.64%	14.36	15.19	15.08	15.48	15.55				
16+00.00	15.28	14.99	15.06	14.93	14.50	2.00%	15.51	15.17	2.03%	14.23	15.02	14.87	15.28	15.35				





**BID SET**  
3/24/2026



**SITE PLAN 19+00 - 22+00**

**CONSTRUCTION NOTES:**

- A** PROTECT EXISTING STREET LIGHT/POWER POLE IN PLACE
- B** PROTECT EXISTING UTILITY PIPE IN PLACE
- C** PROTECT EXISTING FENCE IN PLACE
- D** MATCH TO EXISTING GRADE
- E** ADA PASSING SPACES (60" x 60" PAD) SEE DETAIL S-103B SHEET C-501
- F** PROPOSED 30 LF ROLLED CURB. DETAIL S-110/D-501 QUANTITY INCLUDED IN IMPROVEMENTS LEGEND NO. 7
- J** ADJUST/EXTEND GATE WHEELS

**HATCH LEGEND**

HATCH DESCRIPTION	HATCH DEPICTION	ASSOCIATED SECTION/DETAIL	
PROPOSED ASPHALT PAVEMENT & ROADBED MODIFICATION		CS-1 C-112	
PROPOSED FULL DEPTH PAVEMENT PATCH		S-115 D-502	
PROPOSED CONCRETE REPLACEMENT SECTION		S-109 D-501	S-103 D-501
PROPOSED DRIVEWAY APRON REPLACEMENT		S-111B D-501	S-111C D-502
PROPOSED GRAVEL REPLACEMENT			
REMOVE, SALVAGE AND REPLACE PAVER/BRICK			
PROPOSED WALKWAY REPLACEMENT		S-103 D-501	
REMOVE & REPLACE MOW STRIP			
ROADBED MODIFICATION (STA 16+00 TO STA 19+50)		CS-1 C-112	

**IMPROVEMENT LEGEND \*QUANTITIES FOR SHEET C-104 ONLY\***

NO.	IMPROVEMENT	UNIT	QTY.	PER DETAIL
1	ROADBED MODIFICATION	SF	7292	CS-1/C-112
2	ROADBED MODIFICATION (STA 16+00 TO STA 19+50)	SF	1460	CS-1/C-112
3	OVEREXCAVATION OF UNSUITABLE MATERIAL, FURNISH & PLACE TYPE 1 AGGREGATE BASE (CONTINGENT)	CY	100	CS-1/C-112
4	REMOVE AND DISPOSE OF EXISTING TREE/ARBORIST TIME (CONTINGENT)	EA	1	N/A
4A	ROOT MITIGATION	EA	3	N/A
5	REMOVE EXISTING AND INSTALL TYPE 4R DRAINAGE INLET	EA	-	S-204A, S-204B/D-502
6	REMOVE AND REPLACE 8" SDR-35 PVC	LF	-	S-117/D-502
7	REMOVE EXISTING AND CONSTRUCT PCC TYPE I CURB AND GUTTER	LF	360	S-109/D-501
8	REMOVE AND REPLACE EXISTING WALKWAY	SF	112	N/A
9	INSTALL POST CURB	LF	61	S-110/D-501
10	REMOVE EXISTING AND CONSTRUCT PCC RESIDENTIAL DRIVEWAY APRON	SF	1309	S-111B/D-501, S-111C/D-502
11	REMOVE AND REPLACE RESIDENTIAL DRIVEWAY	SF	360	N/A
12	REMOVE EXISTING AND CONSTRUCT PCC SIDEWALK	SF	1475	S-103/D-501
13	REMOVE EXISTING AND CONSTRUCT PCC ADA ACCESSIBLE RAMP	EA	-	S-106A/D-501
14	FURNISH AND INSTALL 4-INCH PLANTMIX BITUMINOUS PAVEMENT	SF	8752	CS-1/C-112
15	FURNISH AND INSTALL FULL DEPTH PAVEMENT PATCH	SF	-	S-115/D-502
16	PROTECT AND ADJUST UTILITY VALVE TO FINISH GRADE	EA	-	10J-2/D-503
17	PROTECT AND ADJUST METER BOX TO FINISH GRADE	EA	8	10K-2/D-502
18	INSTALL 4-INCH SOLID DOUBLE YELLOW CENTERLINE STRIPING (TYPE II WATERBORNE),	LF	-	MUTCD 3B.01
19	INSTALL 24-INCH STOP BAR (THERMOPLASTIC)	LF	-	S-411/D-503
20	INSTALL INTERNATIONAL CROSSWALK (THERMOPLASTIC)	LF	-	S-411/D-503
21	INSTALL 8-FOOT STOP LEGENDS (THERMOPLASTIC)	EA	-	MUTCD 3B.20
22	FURNISH AND INSTALL NEW STOP SIGN AND POST, SALVAGE AND RE-INSTALL STREET SIGNS	EA	-	S-401A/D-502
23	REMOVE AND REINSTALL FENCING/GATE	LF	34	N/A
24	REMOVE AND REPLACE PCC MOW STRIP	LF	60	N/A
25	PROTECT AND ADJUST UTILITY MANHOLE TO FINISH GRADE	EA	-	S-210A/D-502
26	REMOVE AND REPLACE WITH DIRT	SF	-	N/A
27	INSTALL PREFORMED WHITE DIRECTIONAL ARROW PAVEMENT MARKING (THERMOPLASTIC)	EA	-	MUTCD 3B.20
28	INSTALL RED CURB PAINT	LF	-	MUTCD 3B.23

**RE-CONSTRUCTION NOTES:**

- 1** SAW CUT FULL DEPTH FOR A CLEAN VERTICAL JOINT, FINISHED SURFACE SHALL MATCH ADJACENT EXISTING SURFACE WITH A NEAT LINE/CLEAN EDGE.

**Driveway Build Back Table**

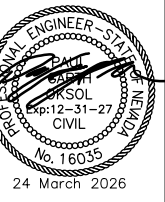
Address	Driveway Distance From Back of Sidewalk	Driveway Curb	
		Left	Right
440 L ST.	-		
439 L ST.	4.4'	X	
430 L ST.	4.0'		
429 L ST.	3.2'	X	
420 L ST.	3.0'		
419 L ST.	4.3'	X	
410 L ST.	4.6'		
409 L ST.	4.6'	X	X
1407 4TH ST.	0		

**DESIGN TABLE L STREET SHEET C-104**

	TOP BACK OF CURB (LEFT)		LIP OF GUTTER (LEFT)				CROWN			LIP OF GUTTER (RIGHT)		TOP BACK OF CURB (RIGHT)		
	EXISTING	PROPOSED	EXISTING	PROPOSED	OFFSET (FT)	SLOPE	EXISTING	PROPOSED	SLOPE	OFFSET (FT)	EXISTING	PROPOSED	EXISTING	PROPOSED
19+00.00	14.06	<b>14.21</b>	13.80	<b>13.73</b>	14.50	2.00%	14.23	<b>14.02</b>	2.39%	14.31	13.86	<b>13.67</b>	14.12	<b>14.15</b>
19+50.00	13.96	<b>14.00</b>	13.69	<b>13.53</b>	14.50	2.00%	13.94	<b>13.82</b>	2.34%	14.46	13.63	<b>13.48</b>	13.86	<b>13.95</b>
20+00.00	13.79	<b>13.80</b>	13.50	<b>13.33</b>	14.50	2.00%	13.69	<b>13.61</b>	2.20%	14.46	13.45	<b>13.29</b>	13.66	<b>13.60</b>
20+50.00	13.54	<b>13.59</b>	13.38	<b>13.12</b>	14.50	2.00%	13.63	<b>13.41</b>	2.30%	14.47	13.28	<b>13.07</b>	13.49	<b>13.13</b>
21+00.00	13.30	<b>13.39</b>	13.12	<b>12.92</b>	14.50	2.00%	13.27	<b>13.21</b>	2.08%	14.44	13.04	<b>12.90</b>	13.24	<b>13.38</b>
21+50.00	13.11	<b>12.97</b>	12.88	<b>12.71</b>	14.50	2.00%	13.06	<b>13.00</b>	2.24%	14.50	12.83	<b>12.67</b>	13.09	<b>13.15</b>
22+00.00	12.96	<b>12.98</b>	12.61	<b>12.51</b>	14.50	2.00%	12.88	<b>12.80</b>	2.47%	14.52	12.74	<b>12.44</b>	12.90	<b>12.91</b>



**J-U-B ENGINEERS, INC.**  
5190 Neil Road  
Suite 500  
Reno, NV 89502  
Phone: 775.852.1440  
www.jub.com



NO.	REVISION	DESCRIPTION	DATE

**FY26/FY27 DRAINAGE & ROADWAY PROJECT**  
**L & 5TH STREET**  
**ROADWAY SITE PLAN**  
19+00 - 22+00

FILE: 07-25-071\_C-10X  
JUB PROJ. #: 70-25-071  
DRAWN BY: PSS  
DESIGN BY: PSS  
CHECKED BY: GO  
AT FULL SIZE, IF NOT ONE INCH SCALE ACCORDINGLY  
LAST UPDATED: 3/24/2026  
SHEET NUMBER:  
**C-104**

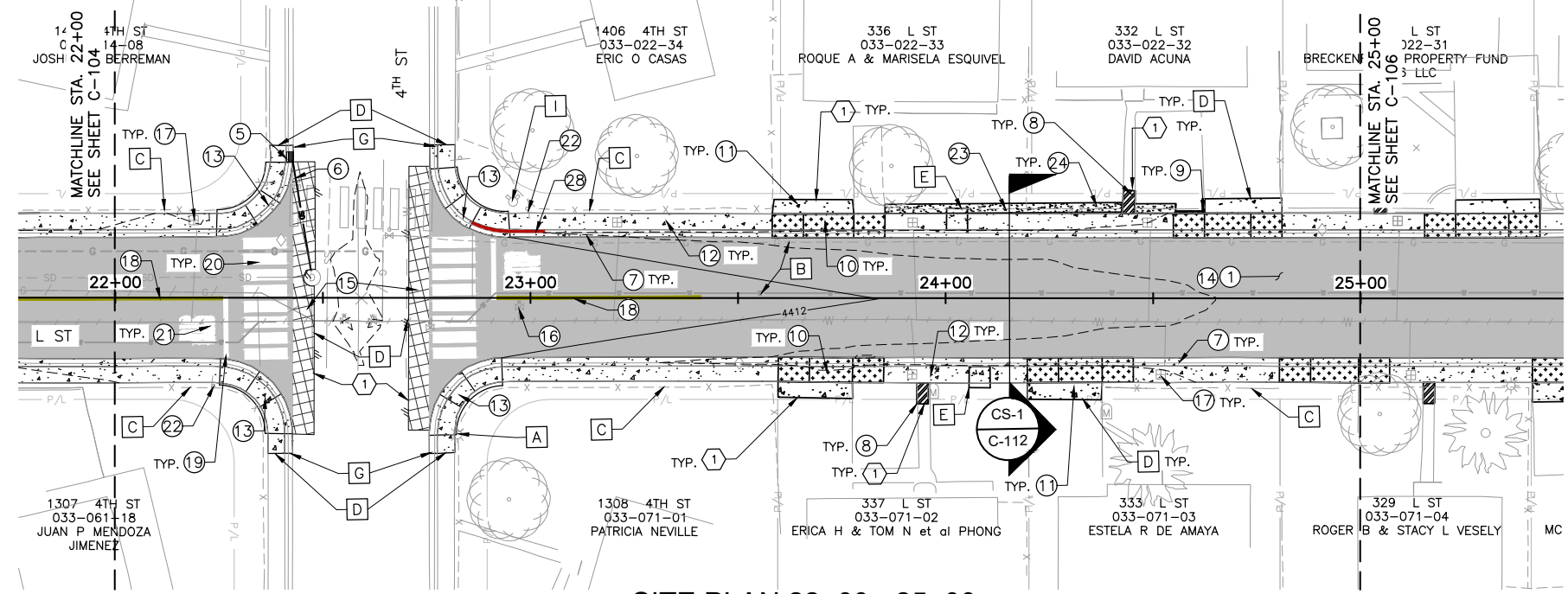
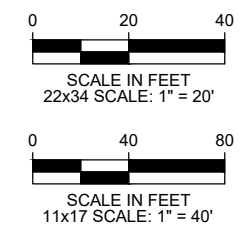
Plot Date: 3/24/2026 2:24:24 PM Printed By: Pss, Seabury  
Date Created: 3/24/2026 JUB-CENTRAL-CALIENT-SV-SPARKS-CITY-PROJ-DEC/13/07-25-071-STRAIGHT-DRAINAGE-DESIGN-CAD-SHEET/07-25-071-C-104.DWG

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NO.	REVISION	DESCRIPTION	DATE

FY26/FY27 DRAINAGE & ROADWAY PROJECT  
L & 5TH STREET  
ROADWAY SITE PLAN  
22+00 - 25+00

**BID SET**  
3/24/2026



**SITE PLAN 22+00 - 25+00**

**CONSTRUCTION NOTES:**

- A** PROTECT EXISTING STREET LIGHT/POWER POLE IN PLACE
- B** PROTECT EXISTING UTILITY PIPE IN PLACE
- C** PROTECT EXISTING FENCE IN PLACE
- D** MATCH TO EXISTING GRADE
- E** ADA PASSING SPACES (60" x 60" PAD) SEE DETAIL S-103B SHEET C-501
- G** TRANSITION TO L CURB
- I** PROTECT FIRE HYDRANT IN PLACE

**IMPROVEMENT LEGEND \*QUANTITIES FOR SHEET C-105 ONLY\***

NO.	IMPROVEMENT	UNIT	QTY.	PER DETAIL
1	ROADBED MODIFICATION	SF	8028	CS-1/C-112
2	ROADBED MODIFICATION (STA 16+00 TO STA 19+50)	SF	-	CS-1/C-112
3	OVEREXCAVATION OF UNSUITABLE MATERIAL, FURNISH & PLACE TYPE 1 AGGREGATE BASE (CONTINGENT)	CY	100	CS-1/C-112
4	REMOVE AND DISPOSE OF EXISTING TREE/ARBORIST TIME (CONTINGENT)	EA	-	N/A
4A	ROOT MITIGATION	EA	-	N/A
5	REMOVE EXISTING AND INSTALL TYPE 4R DRAINAGE INLET	EA	1	S-204A, S-204B/D-502
6	REMOVE AND REPLACE 8" SDR-35 PVC	LF	30	S-117/D-502
7	REMOVE EXISTING AND CONSTRUCT PCC TYPE I CURB AND GUTTER	LF	322	S-109/D-501
8	REMOVE AND REPLACE EXISTING WALKWAY	SF	31	N/A
9	INSTALL POST CURB	LF	10	S-110/D-501
10	REMOVE EXISTING AND CONSTRUCT PCC RESIDENTIAL DRIVEWAY APRON	SF	663	S-111B/D-501, S-111C/D-502
11	REMOVE AND REPLACE RESIDENTIAL DRIVEWAY	SF	275	N/A
12	REMOVE EXISTING AND CONSTRUCT PCC SIDEWALK	SF	1310	S-103/D-501
13	REMOVE EXISTING AND CONSTRUCT PCC ADA ACCESSIBLE RAMP	EA	4	S-106A/D-501
14	FURNISH AND INSTALL 4-INCH PLANTMIX BITUMINOUS PAVEMENT	SF	8028	CS-1/C-112
15	FURNISH AND INSTALL FULL DEPTH PAVEMENT PATCH	SF	650	S-115/D-502
16	PROTECT AND ADJUST UTILITY VALVE TO FINISH GRADE	EA	1	10J-2/D-503
17	PROTECT AND ADJUST METER BOX TO FINISH GRADE	EA	6	10K-2/D-502
18	INSTALL 4-INCH SOLID DOUBLE YELLOW CENTERLINE STRIPING (TYPE II WATERBORNE),	LF	75	MUTCD 3B.01
19	INSTALL 24-INCH STOP BAR (THERMOPLASTIC)	LF	30	S-411/D-503
20	INSTALL INTERNATIONAL CROSSWALK (THERMOPLASTIC)	LF	160	S-411/D-503
21	INSTALL 8-FOOT STOP LEGENDS (THERMOPLASTIC)	EA	2	MUTCD 3B.20
22	FURNISH AND INSTALL NEW STOP SIGN AND POST, SALVAGE AND RE-INSTALL STREET SIGNS	EA	2	S-401A/D-502
23	REMOVE AND REINSTALL FENCING/GATE	LF	70	N/A
24	REMOVE AND REPLACE PCC MOW STRIP	LF	70	N/A
25	PROTECT AND ADJUST UTILITY MANHOLE TO FINISH GRADE	EA	-	S-210A/D-502
26	REMOVE AND REPLACE WITH DIRT	SF	-	N/A
27	INSTALL PREFORMED WHITE DIRECTIONAL ARROW PAVEMENT MARKING (THERMOPLASTIC)	EA	-	MUTCD 3B.20
28	INSTALL RED CURB PAINT	LF	15	MUTCD 3B.23

**RE-CONSTRUCTION NOTES:**

- 1** SAW CUT FULL DEPTH FOR A CLEAN VERTICAL JOINT, FINISHED SURFACE SHALL MATCH ADJACENT EXISTING SURFACE WITH A NEAT LINE/CLEAN EDGE.

**HATCH LEGEND**

HATCH DESCRIPTION	HATCH DEPICTION	ASSOCIATED SECTION/DETAIL	
PROPOSED ASPHALT PAVEMENT & ROADBED MODIFICATION		CS-1 C-112	
PROPOSED FULL DEPTH PAVEMENT PATCH		S-115 D-502	
PROPOSED CONCRETE REPLACEMENT SECTION		S-109 D-501	S-103 D-501
PROPOSED DRIVEWAY APRON REPLACEMENT		S-111B D-501	S-111C D-502
PROPOSED GRAVEL REPLACEMENT			
REMOVE, SALVAGE AND REPLACE PAVER/BRICK			
PROPOSED WALKWAY REPLACEMENT		S-103 D-501	
REMOVE & REPLACE MOW STRIP			
ROADBED MODIFICATION (STA 16+00 TO STA 19+50)		CS-1 C-112	

**DESIGN TABLE L STREET SHEET C-105**

	TOP BACK OF CURB (LEFT)		LIP OF GUTTER (LEFT)			CROWN			LIP OF GUTTER (RIGHT)			TOP BACK OF CURB (RIGHT)		
	EXISTING	PROPOSED	EXISTING	PROPOSED	OFFSET (FT)	SLOPE	EXISTING	PROPOSED	SLOPE	OFFSET (FT)	EXISTING	PROPOSED	EXISTING	PROPOSED
22+00.00	12.96	<b>12.98</b>	12.61	<b>12.51</b>	14.50	2.00%	12.88	<b>12.80</b>	2.47%	14.52	12.74	<b>12.44</b>	12.90	<b>12.91</b>
22+50.00	N/A	<b>N/A</b>	N/A	<b>N/A</b>	N/A	<b>N/A</b>	N/A	<b>N/A</b>	N/A	N/A	N/A	<b>N/A</b>	N/A	<b>N/A</b>
23+00.00	12.33	<b>12.46</b>	12.13	<b>11.99</b>	14.50	2.00%	12.43	<b>12.28</b>	2.09%	14.12	12.14	<b>11.97</b>	12.45	<b>12.45</b>
23+50.00	12.22	<b>12.29</b>	11.95	<b>11.82</b>	14.50	2.00%	12.37	<b>12.11</b>	2.11%	14.05	11.98	<b>11.80</b>	12.18	<b>12.28</b>
24+00.00	12.07	<b>12.13</b>	11.82	<b>11.65</b>	14.50	2.00%	12.25	<b>11.94</b>	2.09%	14.47	11.85	<b>11.64</b>	12.09	<b>12.11</b>
24+50.00	11.96	<b>11.96</b>	11.65	<b>11.49</b>	14.50	2.00%	12.10	<b>11.78</b>	2.17%	14.30	11.72	<b>11.46</b>	11.99	<b>11.94</b>
25+00.00	11.69	<b>11.80</b>	11.46	<b>11.33</b>	14.50	2.00%	11.89	<b>11.61</b>	2.20%	14.32	11.47	<b>11.29</b>	11.76	<b>11.45</b>

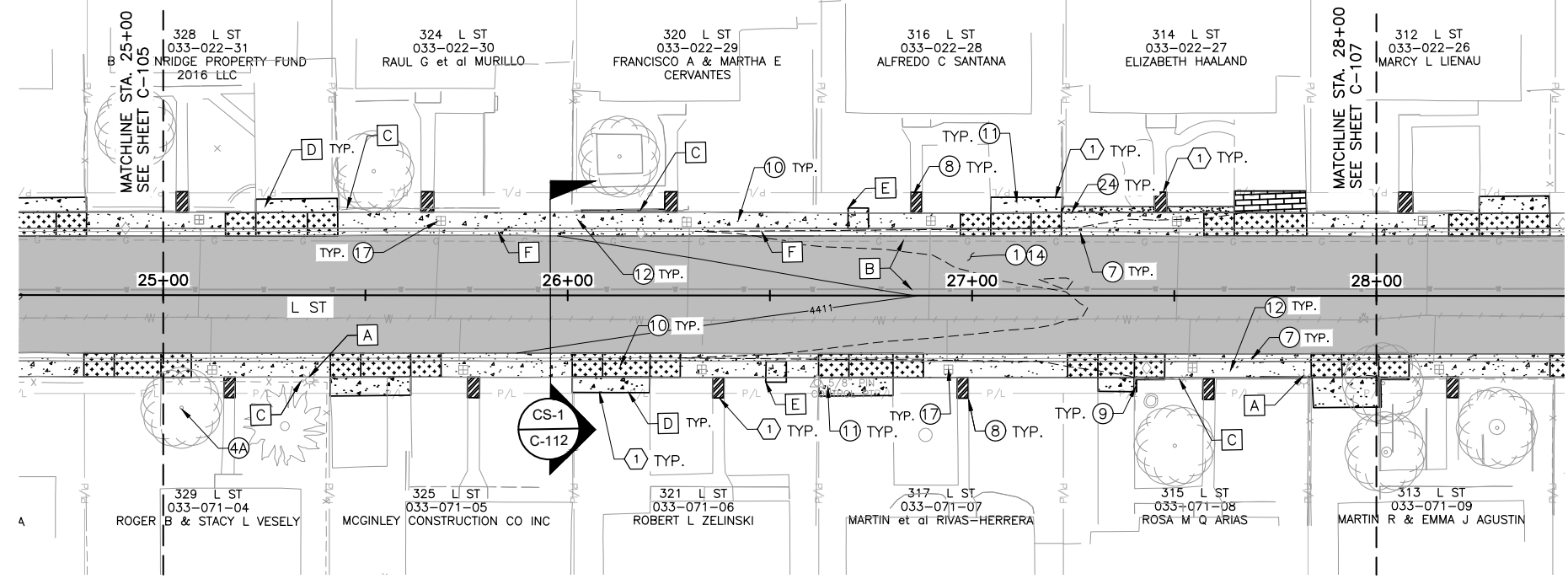
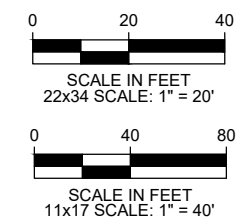
**Driveway Build Back Table**

Address	Driveway Distance From Back of Sidewalk	Driveway Curb	
		Left	Right
337 L ST.	3.8'		
336 L ST.	3.5'		
333 L ST.	4.0'		
332 L ST.	3.5'	X	
329 L ST.	-		

NO.	DESCRIPTION	BY	DATE

FY26/FY27 DRAINAGE & ROADWAY PROJECT  
L & 5TH STREET  
ROADWAY SITE PLAN  
25+00 - 28+00

**BID SET**  
3/24/2026



**SITE PLAN 25+00 - 28+00**

**CONSTRUCTION NOTES:**

- A** PROTECT EXISTING STREET LIGHT/POWER POLE IN PLACE
- B** PROTECT EXISTING UTILITY PIPE IN PLACE
- C** PROTECT EXISTING FENCE IN PLACE
- D** MATCH TO EXISTING GRADE
- E** ADA PASSING SPACES (60" x 60" PAD) SEE DETAIL S-103B SHEET C-501
- F** PROPOSED 65 LF ROLLED CURB. DETAIL S-110/D-501 QUANTITY INCLUDED IN IMPROVEMENTS LEGEND NO.7

**HATCH LEGEND**

HATCH DESCRIPTION	HATCH DEPICTION	ASSOCIATED SECTION/DETAIL	
PROPOSED ASPHALT PAVEMENT & ROADBED MODIFICATION		CS-1 C-112	
PROPOSED FULL DEPTH PAVEMENT PATCH		S-115 D-502	
PROPOSED CONCRETE REPLACEMENT SECTION		S-109 D-501	S-103 D-501
PROPOSED DRIVEWAY APRON REPLACEMENT		S-111B D-501	S-111C D-502
PROPOSED GRAVEL REPLACEMENT			
REMOVE, SALVAGE AND REPLACE PAVER/BRICK			
PROPOSED WALKWAY REPLACEMENT		S-103 D-501	
REMOVE & REPLACE MOW STRIP			
ROADBED MODIFICATION (STA 16+00 TO STA 19+50)		CS-1 C-112	

**IMPROVEMENT LEGEND \*QUANTITIES FOR SHEET C-106 ONLY\***

NO.	IMPROVEMENT	UNIT	QTY.	PER DETAIL
1	ROADBED MODIFICATION	SF	8719	CS-1/C-112
2	ROADBED MODIFICATION (STA 16+00 TO STA 19+50)	SF	-	CS-1/C-112
3	OVEREXCAVATION OF UNSUITABLE MATERIAL, FURNISH & PLACE TYPE 1 AGGREGATE BASE (CONTINGENT)	CY	100	CS-1/C-112
4	REMOVE AND DISPOSE OF EXISTING TREE/ARBORIST TIME (CONTINGENT)	EA	-	N/A
4A	ROOT MITIGATION	EA	1	N/A
5	REMOVE EXISTING AND INSTALL TYPE 4R DRAINAGE INLET	EA	-	S-204A, S-204B/D-502
6	REMOVE AND REPLACE 8" SDR-35 PVC	LF	-	S-117/D-502
7	REMOVE EXISTING AND CONSTRUCT PCC TYPE I CURB AND GUTTER	LF	300	S-109/D-501
8	REMOVE AND REPLACE EXISTING WALKWAY	SF	146	N/A
9	INSTALL POST CURB	LF	20	S-110/D-501
10	REMOVE EXISTING AND CONSTRUCT PCC RESIDENTIAL DRIVEWAY APRON	SF	1456	S-111B/D-501, S-111C/D-502
11	REMOVE AND REPLACE RESIDENTIAL DRIVEWAY	SF	650	N/A
12	REMOVE EXISTING AND CONSTRUCT PCC SIDEWALK	SF	1349	S-103/D-501
13	REMOVE EXISTING AND CONSTRUCT PCC ADA ACCESSIBLE RAMP	EA	-	S-106A/D-501
14	FURNISH AND INSTALL 4-INCH PLANTMIX BITUMINOUS PAVEMENT	SF	8719	CS-1/C-112
15	FURNISH AND INSTALL FULL DEPTH PAVEMENT PATCH	SF	-	S-115/D-502
16	PROTECT AND ADJUST UTILITY VALVE TO FINISH GRADE	EA	-	10J-2/D-503
17	PROTECT AND ADJUST METER BOX TO FINISH GRADE	EA	10	10K-2/D-502
18	INSTALL 4-INCH SOLID DOUBLE YELLOW CENTERLINE STRIPING (TYPE II WATERBORNE),	LF	-	MUTCD 3B.01
19	INSTALL 24-INCH STOP BAR (THERMOPLASTIC)	LF	-	S-411/D-503
20	INSTALL INTERNATIONAL CROSSWALK (THERMOPLASTIC)	LF	-	S-411/D-503
21	INSTALL 8-FOOT STOP LEGENDS (THERMOPLASTIC)	EA	-	MUTCD 3B.20
22	FURNISH AND INSTALL NEW STOP SIGN AND POST, SALVAGE AND RE-INSTALL STREET SIGNS	EA	-	S-401A/D-502
23	REMOVE AND REINSTALL FENCING/GATE	LF	-	N/A
24	REMOVE AND REPLACE PCC MOW STRIP	LF	40	N/A
25	PROTECT AND ADJUST UTILITY MANHOLE TO FINISH GRADE	EA	-	S-210A/D-502

**DESIGN TABLE L STREET SHEET C-106**

	TOP BACK OF CURB (LEFT)		LIP OF GUTTER (LEFT)				CROWN			LIP OF GUTTER (RIGHT)				TOP BACK OF CURB (RIGHT)	
	EXISTING	PROPOSED	EXISTING	PROPOSED	OFFSET (FT)	SLOPE	EXISTING	PROPOSED	SLOPE	OFFSET (FT)	EXISTING	PROPOSED	EXISTING	PROPOSED	
25+00.00	11.69	<b>11.80</b>	11.46	<b>11.33</b>	14.50	2.00%	11.89	<b>11.61</b>	2.20%	14.32	11.47	<b>11.29</b>	11.76	<b>11.45</b>	
25+50.00	11.57	<b>11.63</b>	11.32	<b>11.16</b>	14.50	2.00%	11.75	<b>11.45</b>	2.26%	14.21	11.32	<b>11.12</b>	11.59	<b>11.18</b>	
26+00.00	11.41	<b>11.39</b>	11.19	<b>11.00</b>	14.50	2.00%	11.58	<b>11.28</b>	2.29%	14.20	11.15	<b>10.95</b>	11.41	<b>11.43</b>	
26+50.00	11.21	<b>11.25</b>	10.99	<b>10.83</b>	14.50	2.00%	11.33	<b>11.12</b>	2.32%	14.25	10.99	<b>10.78</b>	11.25	<b>11.26</b>	
27+00.00	11.06	<b>11.01</b>	10.82	<b>10.66</b>	14.50	2.00%	11.08	<b>10.95</b>	2.35%	14.29	10.83	<b>10.61</b>	11.07	<b>11.09</b>	
27+50.00	10.86	<b>10.97</b>	10.63	<b>10.50</b>	14.50	2.00%	10.90	<b>10.79</b>	2.40%	14.22	10.68	<b>10.44</b>	10.93	<b>10.92</b>	
28+00.00	10.71	<b>10.81</b>	10.47	<b>10.33</b>	14.50	2.00%	10.71	<b>10.62</b>	2.44%	14.14	10.44	<b>10.26</b>	10.74	<b>10.32</b>	

**RE-CONSTRUCTION NOTES:**

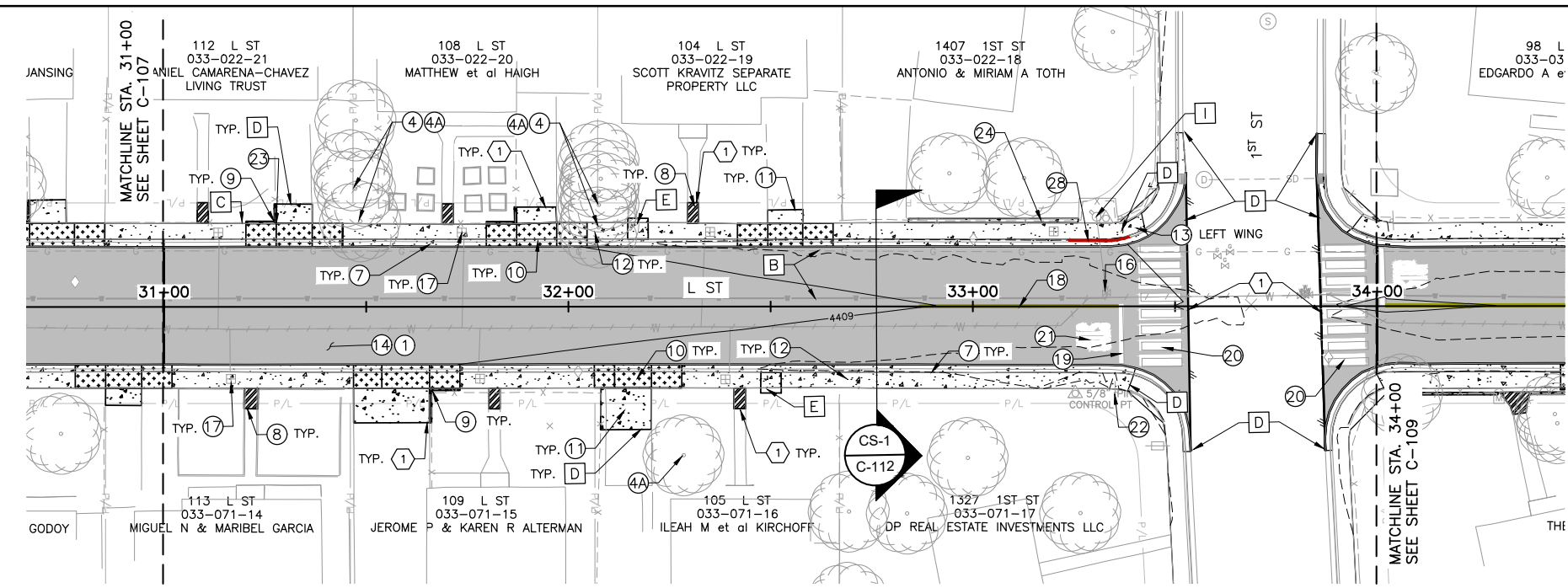
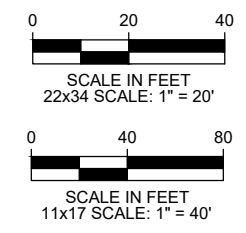
- ① SAW CUT FULL DEPTH FOR A CLEAN VERTICAL JOINT, FINISHED SURFACE SHALL MATCH ADJACENT EXISTING SURFACE WITH A NEAT LINE/CLEAN EDGE.

**Driveway Build Back Table**

Address	Driveway Distance From Back of Sidewalk	Driveway Curb	
		Left	Right
328 L ST.	3.3'		
325 L ST.	4.5'		
324 L ST.	-		
321 L ST.	3.5'		
320 L ST.	-		
317 L ST.	4.5'		
316 L ST.	4.0'		
315 L ST.	3.5'	X	
314 L ST.	5.3'		
313 L ST.	7.8'	X	



**BID SET**  
3/24/2026



**SITE PLAN 31+00 - 34+00**

**CONSTRUCTION NOTES:**

- A** PROTECT EXISTING STREET LIGHT/POWER POLE IN PLACE
- B** PROTECT EXISTING UTILITY PIPE IN PLACE
- C** PROTECT EXISTING FENCE IN PLACE
- D** MATCH TO EXISTING GRADE
- E** ADA PASSING SPACES (60" x 60" PAD) SEE DETAIL S-103B SHEET C-501
- I** PROTECT FIRE HYDRANT IN PLACE

**HATCH LEGEND**

HATCH DESCRIPTION	HATCH DEPICTION	ASSOCIATED SECTION/DETAIL	
PROPOSED ASPHALT PAVEMENT & ROADBED MODIFICATION		CS-1 C-112	
PROPOSED FULL DEPTH PAVEMENT PATCH		S-115 D-501	
PROPOSED CONCRETE REPLACEMENT SECTION		S-109 D-501	S-103 D-501
PROPOSED DRIVEWAY APRON REPLACEMENT		S-111B D-501	S-111C D-502
PROPOSED GRAVEL REPLACEMENT			
REMOVE, SALVAGE AND REPLACE PAVER/BRICK			
PROPOSED WALKWAY REPLACEMENT			
REMOVE & REPLACE MOW STRIP			

**IMPROVEMENT LEGEND \*QUANTITIES FOR SHEET C-108 ONLY\***

NO.	IMPROVEMENT	UNIT	QTY.	PER DETAIL
1	ROADBED MODIFICATION	SF	8028	CS-1/C-112
2	ROADBED MODIFICATION (STA 16+00 TO STA 19+50)	SF	-	CS-1/C-112
3	OVEREXCAVATION OF UNSUITABLE MATERIAL, FURNISH & PLACE TYPE 1 AGGREGATE BASE (CONTINGENT)	CY	100	CS-1/C-112
4	REMOVE AND DISPOSE OF EXISTING TREE/ARBORIST TIME (CONTINGENT)	EA	4	N/A
4A	ROOT MITIGATION	EA	4	N/A
5	REMOVE EXISTING AND INSTALL TYPE 4R DRAINAGE INLET	EA	-	S-204A, S-204B/D-502
6	REMOVE AND REPLACE 8" SDR-35 PVC	LF	-	S-117/D-502
7	REMOVE EXISTING AND CONSTRUCT PCC TYPE I CURB AND GUTTER	LF	315	S-109/D-501
8	REMOVE AND REPLACE EXISTING WALKWAY	SF	89	N/A
9	INSTALL POST CURB	LF	35	S-110/D-501
10	REMOVE EXISTING AND CONSTRUCT PCC RESIDENTIAL DRIVEWAY APRON	SF	939	S-111B/D-501, S-111C/D-502
11	REMOVE AND REPLACE RESIDENTIAL DRIVEWAY	SF	521	N/A
12	REMOVE EXISTING AND CONSTRUCT PCC SIDEWALK	SF	1243	S-103/D-501
13	REMOVE EXISTING AND CONSTRUCT PCC ADA ACCESSIBLE RAMP	EA	1	S-106A/D-501
14	FURNISH AND INSTALL 4-INCH PLANTMIX BITUMINOUS PAVEMENT	SF	8028	CS-1/C-112
15	FURNISH AND INSTALL FULL DEPTH PAVEMENT PATCH	SF	-	S-115/D-502
16	PROTECT AND ADJUST UTILITY VALVE TO FINISH GRADE	EA	1	10J-2/D-503
17	PROTECT AND ADJUST METER BOX TO FINISH GRADE	EA	7	10K-2/D-502
18	INSTALL 4-INCH SOLID DOUBLE YELLOW CENTERLINE STRIPING (TYPE II WATERBORNE)	LF	50	MUTCD 3B.01
19	INSTALL 24-INCH STOP BAR (THERMOPLASTIC)	LF	15	S-411/D-503
20	INSTALL INTERNATIONAL CROSSWALK (THERMOPLASTIC)	LF	160	S-411/D-503
21	INSTALL 8-FOOT STOP LEGENDS (THERMOPLASTIC)	EA	1	MUTCD 3B.20
22	FURNISH AND INSTALL NEW STOP SIGN AND POST, SALVAGE AND RE-INSTALL STREET SIGNS	EA	1	S-401A/D-502
23	REMOVE AND REINSTALL FENCING/GATE	LF	10	N/A
24	REMOVE AND REPLACE PCC MOW STRIP	LF	43	N/A
25	PROTECT AND ADJUST UTILITY MANHOLE TO FINISH GRADE	EA	-	S-210A/D-502
26	REMOVE AND REPLACE WITH DIRT	SF	-	N/A
27	INSTALL PREFORMED WHITE DIRECTIONAL ARROW PAVEMENT MARKING (THERMOPLASTIC)	EA	-	MUTCD 3B.20
28	INSTALL RED CURB PAINT	LF	15	MUTCD 3B.23

- RE-CONSTRUCTION NOTES:**
- I** SAW CUT FULL DEPTH FOR A CLEAN VERTICAL JOINT, FINISHED SURFACE SHALL MATCH ADJACENT EXISTING SURFACE WITH A NEAT LINE/CLEAN EDGE.

**Driveway Build Back Table**

Address	Driveway Distance From Back of Sidewalk	Driveway Curb	
		Left	Right
112 L ST.	4.8'	X	
109 L ST.	8.5'	X	
108 L ST.	4.2'	X	
105 L ST.	10.3'		
104 L ST.	3.3'		

**DESIGN TABLE L STREET SHEET C-108**

Station	TOP BACK OF CURB (LEFT)		LIP OF GUTTER (LEFT)				CROWN			LIP OF GUTTER (RIGHT)			TOP BACK OF CURB (RIGHT)	
	EXISTING	PROPOSED	EXISTING	PROPOSED	OFFSET (FT)	SLOPE	EXISTING	PROPOSED	SLOPE	OFFSET (FT)	EXISTING	PROPOSED	EXISTING	PROPOSED
31+00.00	9.58	<b>9.81</b>	9.46	<b>9.34</b>	14.50	2.00%	9.86	<b>9.63</b>	2.60%	14.08	9.43	<b>9.24</b>	9.55	<b>9.65</b>
31+50.00	9.45	<b>9.65</b>	9.44	<b>9.18</b>	14.50	2.00%	9.82	<b>9.46</b>	2.69%	14.16	9.28	<b>9.07</b>	9.55	<b>9.13</b>
32+00.00	9.25	<b>9.25</b>	9.11	<b>9.02</b>	14.50	2.00%	9.59	<b>9.29</b>	2.69%	14.21	9.13	<b>8.90</b>	9.44	<b>9.38</b>
32+50.00	9.06	<b>8.91</b>	8.95	<b>8.85</b>	14.50	2.00%	9.53	<b>9.13</b>	2.78%	14.11	8.98	<b>8.73</b>	9.25	<b>9.21</b>
33+00.00	9.03	<b>9.15</b>	8.84	<b>8.68</b>	14.50	2.00%	9.32	<b>8.96</b>	2.65%	14.44	8.85	<b>8.56</b>	8.97	<b>9.04</b>
33+50.00	8.77	<b>8.77</b>	8.49	<b>8.49</b>	37.00	2.47%	9.06	<b>9.00</b>	2.00%	37.00	8.65	<b>8.65</b>	8.90	<b>8.90</b>
34+00.00	8.62	<b>8.92</b>	8.70	<b>8.66</b>	14.50	2.60%	9.08	<b>9.05</b>	0.96%	14.90	8.70	<b>8.75</b>	8.91	<b>8.99</b>

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**REVISION**

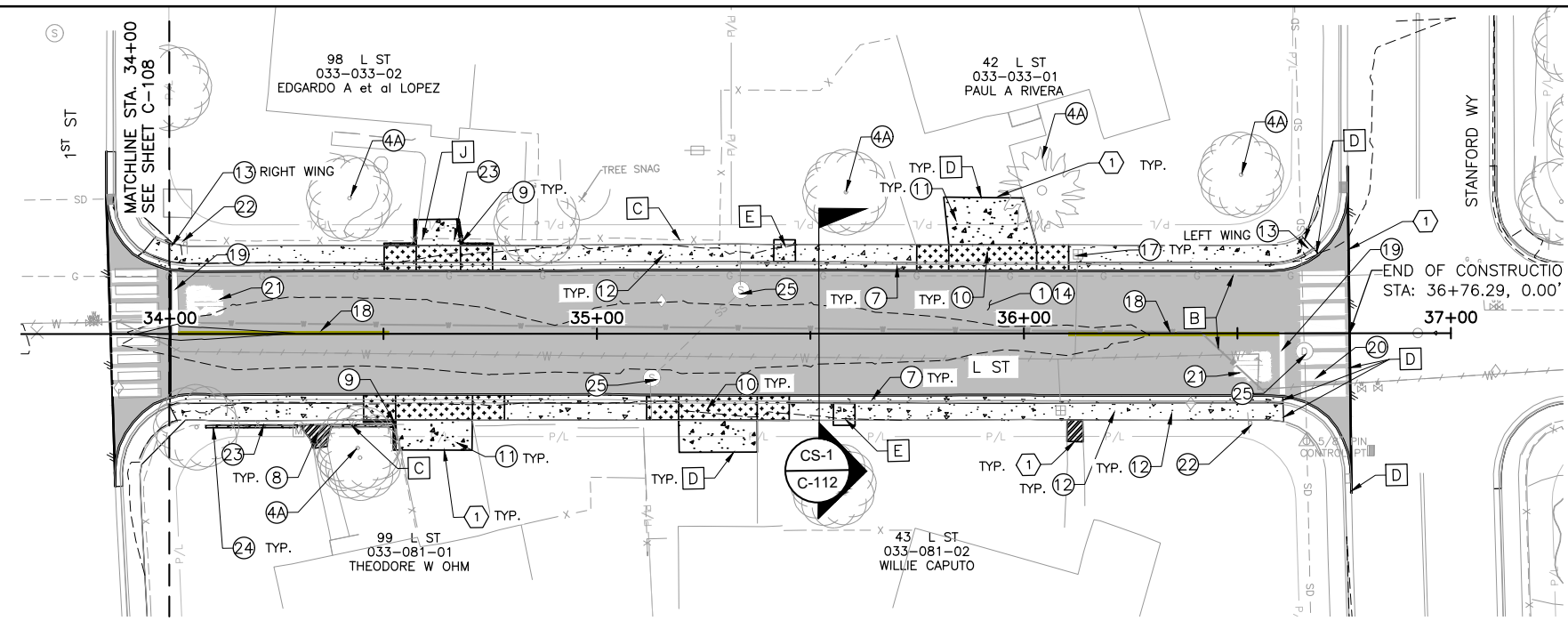
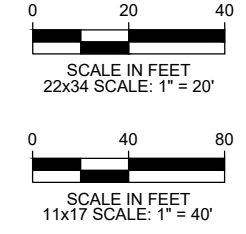
NO.	DESCRIPTION	DATE

**FY26/FY27 DRAINAGE & ROADWAY PROJECT**  
**L & 5TH STREET**  
**ROADWAY SITE PLAN**  
31+00 - 34+00

NO.	DESCRIPTION	DATE

FY26/FY27 DRAINAGE & ROADWAY PROJECT  
 L & 5TH STREET  
 ROADWAY SITE PLAN  
 34+00 - 37+00

**BID SET**  
3/24/2026



**SITE PLAN 34+00 - 37+00**

**CONSTRUCTION NOTES:**

- A** PROTECT EXISTING STREET LIGHT/POWER POLE IN PLACE
- B** PROTECT EXISTING UTILITY PIPE IN PLACE
- C** PROTECT EXISTING FENCE IN PLACE
- D** MATCH TO EXISTING GRADE
- E** ADA PASSING SPACES (60" x 60" PAD) SEE DETAIL S-103B SHEET C-501
- J** ADJUST/EXTEND GATE WHEELS

**RE-CONSTRUCTION NOTES:**

- 1** SAW CUT FULL DEPTH FOR A CLEAN VERTICAL JOINT, FINISHED SURFACE SHALL MATCH ADJACENT EXISTING SURFACE WITH A NEAT LINE/CLEAN EDGE.

**HATCH LEGEND**

HATCH DESCRIPTION	HATCH DEPICTION	ASSOCIATED SECTION/DETAIL	
PROPOSED ASPHALT PAVEMENT & ROADBED MODIFICATION		CS-1 C-112	
PROPOSED FULL DEPTH PAVEMENT PATCH		S-115 D-501	
PROPOSED CONCRETE REPLACEMENT SECTION		S-109 D-501	S-103 D-501
PROPOSED DRIVEWAY APRON REPLACEMENT		S-111B D-501	S-111C D-502
PROPOSED GRAVEL REPLACEMENT			
REMOVE, SALVAGE AND REPLACE PAVER/BRICK			
PROPOSED WALKWAY REPLACEMENT			
REMOVE & REPLACE MOW STRIP			

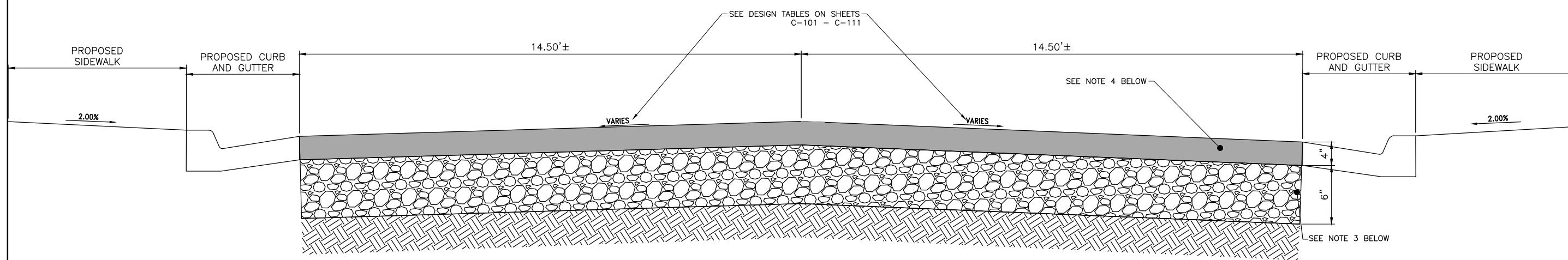
NO.	IMPROVEMENT	UNIT	QTY.	PER DETAIL
1	ROADBED MODIFICATION	SF	8187	CS-1/C-112
2	ROADBED MODIFICATION (STA 16+00 TO STA 19+50)	SF	-	CS-1/C-112
3	OVEREXCAVATION OF UNSUITABLE MATERIAL, FURNISH & PLACE TYPE 1 AGGREGATE BASE (CONTINGENT)	CY	100	CS-1/C-112
4	REMOVE AND DISPOSE OF EXISTING TREE/ARBORIST TIME (CONTINGENT)	EA	-	N/A
4A	ROOT MITIGATION	EA	5	N/A
5	REMOVE EXISTING AND INSTALL TYPE 4R DRAINAGE INLET	EA	-	S-204A, S-204B/D-502
6	REMOVE AND REPLACE 8" SDR-35 PVC	LF	-	S-117/D-502
7	REMOVE EXISTING AND CONSTRUCT PCC TYPE I CURB AND GUTTER	LF	380	S-109/D-501
8	REMOVE AND REPLACE EXISTING WALKWAY	SF	46	N/A
9	INSTALL POST CURB	LF	26	S-110/D-501
10	REMOVE EXISTING AND CONSTRUCT PCC RESIDENTIAL DRIVEWAY APRON	SF	842	S-111B/D-501, S-111C/D-502
11	REMOVE AND REPLACE RESIDENTIAL DRIVEWAY	SF	541	N/A
12	REMOVE EXISTING AND CONSTRUCT PCC SIDEWALK	SF	1678	S-103/D-501
13	REMOVE EXISTING AND CONSTRUCT PCC ADA ACCESSIBLE RAMP	EA	2	S-106A/D-501
14	FURNISH AND INSTALL 4-INCH PLANTMIX BITUMINOUS PAVEMENT	SF	8187	CS-1/C-112
15	FURNISH AND INSTALL FULL DEPTH PAVEMENT PATCH	SF	-	S-115/D-502
16	PROTECT AND ADJUST UTILITY VALVE TO FINISH GRADE	EA	-	10J-2/D-503
17	PROTECT AND ADJUST METER BOX TO FINISH GRADE	EA	2	10K-2/D-502
18	INSTALL 4-INCH SOLID DOUBLE YELLOW CENTERLINE STRIPING (TYPE II WATERBORNE),	LF	100	MUTCD 3B.01
19	INSTALL 24-INCH STOP BAR (THERMOPLASTIC)	LF	30	S-411/D-503
20	INSTALL INTERNATIONAL CROSSWALK (THERMOPLASTIC)	LF	80	S-411/D-503
21	INSTALL 8-FOOT STOP LEGENDS (THERMOPLASTIC)	EA	2	MUTCD 3B.20
22	FURNISH AND INSTALL NEW STOP SIGN AND POST, SALVAGE AND RE-INSTALL STREET SIGNS	EA	2	S-401A/D-502
23	REMOVE AND REINSTALL FENCING/GATE	LF	36	N/A
24	REMOVE AND REPLACE PCC MOW STRIP	LF	40	N/A
25	PROTECT AND ADJUST UTILITY MANHOLE TO FINISH GRADE	EA	3	S-210A/D-502

STATION	TOP BACK OF CURB (LEFT)		LIP OF GUTTER (LEFT)				CROWN				LIP OF GUTTER (RIGHT)		TOP BACK OF CURB (RIGHT)	
	EXISTING	PROPOSED	EXISTING	PROPOSED	OFFSET (FT)	SLOPE	EXISTING	PROPOSED	SLOPE	OFFSET (FT)	EXISTING	PROPOSED	EXISTING	PROPOSED
34+00.00	8.62	<b>8.92</b>	8.70	<b>8.66</b>	14.50	2.60%	9.08	<b>9.05</b>	0.96%	14.90	8.70	<b>8.75</b>	8.91	<b>8.99</b>
34+50.00	8.94	<b>9.08</b>	8.76	<b>8.61</b>	14.50	2.32%	9.13	<b>8.95</b>	2.09%	14.16	8.74	<b>8.64</b>	9.01	<b>8.90</b>
35+00.00	8.75	<b>9.01</b>	8.70	<b>8.54</b>	14.50	1.94%	9.08	<b>8.82</b>	1.22%	14.22	8.77	<b>8.64</b>	9.02	<b>8.06</b>
35+50.00	8.74	<b>8.87</b>	8.53	<b>8.40</b>	14.50	1.92%	9.16	<b>8.68</b>	1.19%	14.31	8.60	<b>8.51</b>	8.87	<b>8.98</b>
36+00.00	8.35	<b>8.32</b>	8.43	<b>8.26</b>	14.50	1.95%	9.03	<b>8.54</b>	1.22%	14.16	8.48	<b>8.37</b>	8.52	<b>8.85</b>
36+50.00	8.52	<b>8.59</b>	8.29	<b>8.12</b>	14.50	2.67%	8.90	<b>8.51</b>	1.90%	14.30	8.50	<b>8.23</b>	8.80	<b>8.71</b>
36+76.29	N/A	<b>N/A</b>	7.35	<b>7.35</b>	35.67	N/A	8.85	<b>8.85</b>	N/A	35.44	8.09	<b>8.09</b>	N/A	<b>N/A</b>

Address	Driveway Distance From Back of Sidewalk	Driveway Curb	
		Left	Right
98 L ST.	6.1'	X	X
99 L ST.	7.0'		
42 L ST.	11.0'		
43 L ST.	7.5'		







**CS-1 5TH & L ST PAVEMENT REHABILITATION CROSS SECTION**  
SCALE: NTS

**PAVEMENT REHABILITATION NOTES:**

1. PULVERIZE TO A DEPTH OF 15 INCHES
2. GRADE EXISTING AGGREGATE BASE/COMPOSITE MATERIALS TO +/- 4 INCHES BELOW PROPOSED FINISHED GRADE
3. ADD 2% CEMENT, MIX GRADE, & COMPACT. PLACE SS-1H SEAL.  
FOR STA. 16+00 TO STA 19+50 ONLY: CEMENT CONTENT SHALL BE 3% RATHER THAN 2%.
4. PLACE 4 INCHES OF PLANTMIX BITUMINOUS PAVEMENT, TYPE 3, 50 BLOW, PG64-28NV, 3% VOIDS, 15% RAP, WITH LIME MARINATION
5. FOR STA. 16+00 TO STA 19+50 ONLY: CONTRACTOR TO BE AWARE 3"-6" COBBLES MAY BE PRESENT. REFER TO THE GEOTECH REPORT PREPARED BY CME.

**REUSE OF DRAWINGS**  
JUB SHALL RETAIN ALL COMMON LAW, STATUTORY, COPYRIGHT AND PATENT RIGHTS IN ALL INFORMATION CONTAINED HEREIN. NO PART OF THIS DRAWING SHALL BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN CONSENT OF JUB. ANY REUSE WITHOUT WRITTEN CONSENT BY JUB WILL BE AT CLIENT'S SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO JUB.

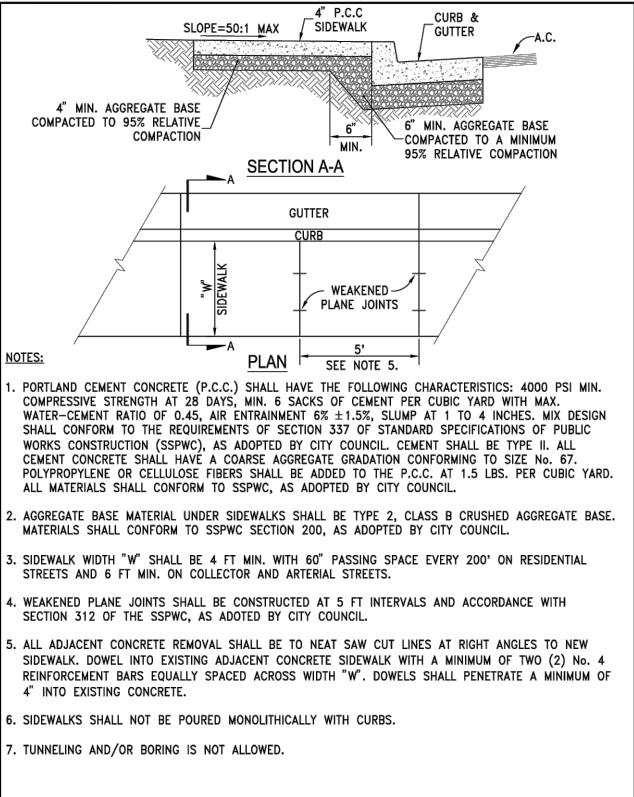
NO.	REVISION	DESCRIPTION	BY	DATE

**FY26/FY27 DRAINAGE & ROADWAY PROJECT**  
**L & 5TH STREET**  
**5TH & L STREET CROSS SECTIONS**

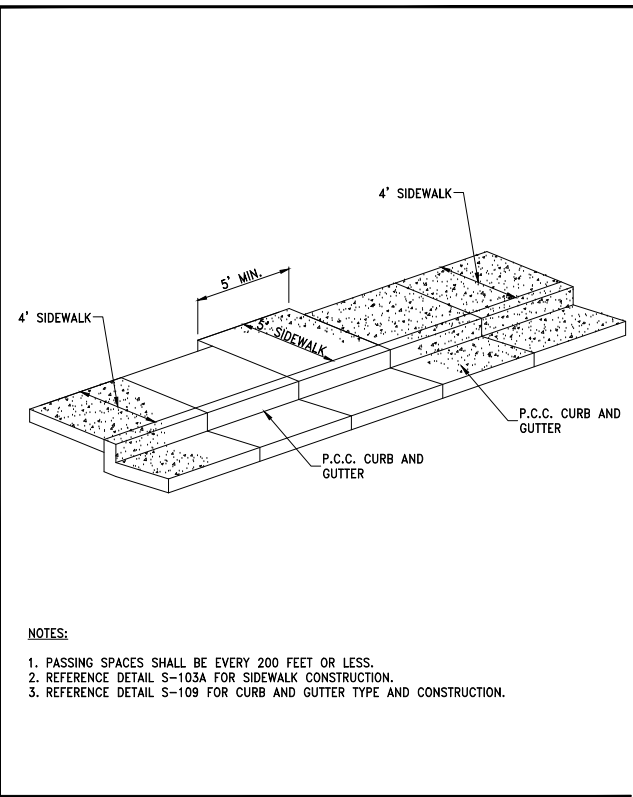
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DRAWN BY: PSS  
DESIGN BY: PSS  
CHECKED BY: GO

**BID SET**  
3/24/2026

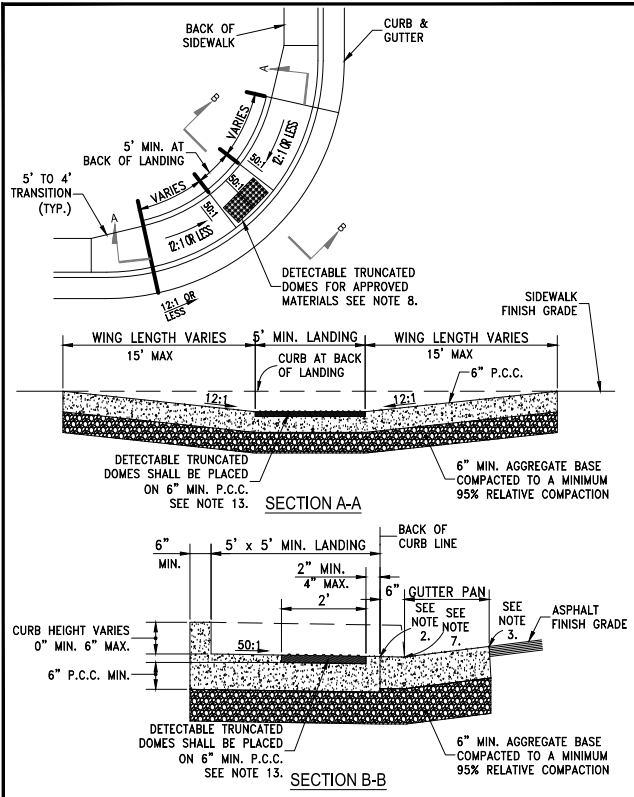
ONE INCH  
AT FULL SIZE, IF NOT ONE INCH, SCALE ACCORDINGLY  
LAST UPDATED: 3/24/2026  
SHEET NUMBER:  
**C-112**



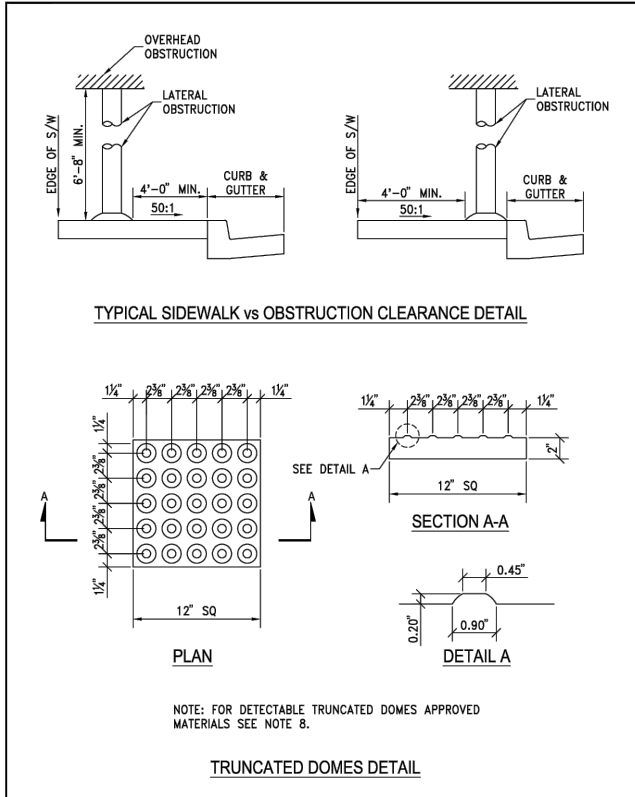
STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION DRAWING No. S-103  
**SIDEWALK DETAIL**  
APPROVED BY: JE DATE: 1/2020



STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION DRAWING No. S-103B (MODIFIED)  
**SIDEWALK PASSING SPACE**



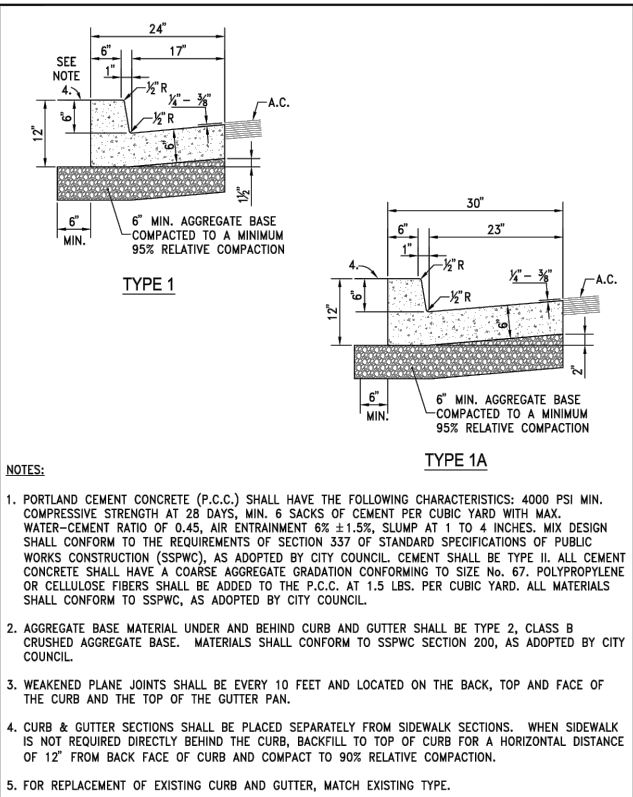
STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION DRAWING No. S-106A (MODIFIED)  
**PEDESTRIAN RAMP - EXISTING SIDEWALKS**



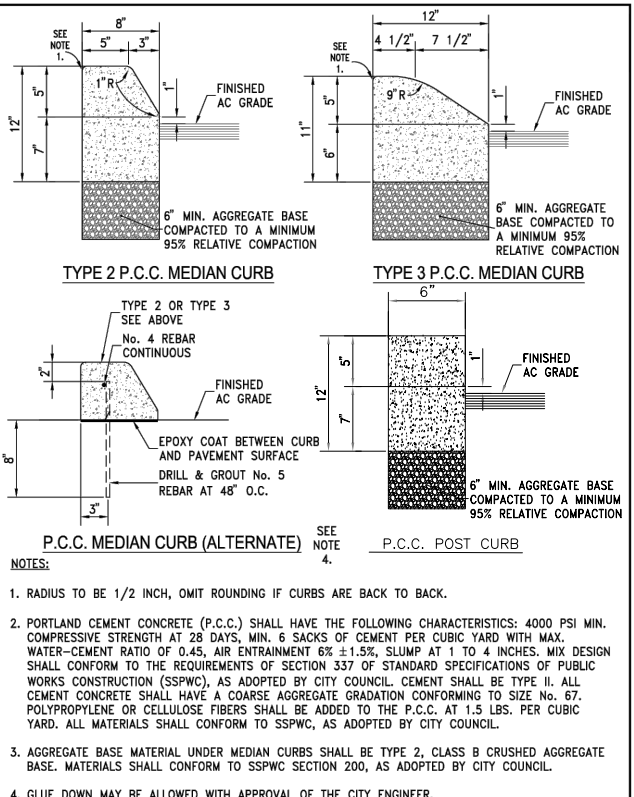
STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION DRAWING No. S-106F  
**PEDESTRIAN RAMP - DETAILS**  
APPROVED BY: JE DATE: 1/2020

- STORM DRAIN INLETS OR SIMILAR ACCESSES SHALL NOT BE LOCATED IN THE AREA AT THE BASE OF THE CURB RAMP OR LANDING AREA. IF OBSTRUCTIONS SUCH AS INLETS, UTILITY POLES, PULL BOXES, FIRE HYDRANTS, ETC. ARE ENCOUNTERED, THE LOCATION AND DIMENSIONS MAY BE ADJUSTED UPON APPROVAL OF THE CITY ENGINEER.
- NO LIP SHALL BE PERMITTED AT THE CURB RAMP SLOPE TO GUTTER PAN.
- PLANTMIX BITUMINOUS SURFACE SHALL BE FLUSH WITH THE EDGE OF THE GUTTER PAN IN THE AREA OF THE CURB RAMP.
- ROUGH BROOM TEXTURE ON CURB RAMPS AND WINGS.
- DETECTABLE WARNING SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS AND SHALL BE PLACED ON MIN. SIX (6") INCHES OF P.C.C.
- ALL SLOPE RATES ARE RELATIVE TO LEVEL AND SHALL COMPLY WITH THE PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG) STANDARDS.
- GUTTER SHALL MAINTAIN POSITIVE DRAINAGE TO PREVENT PONDING.
- DETECTABLE WARNING SHALL CONSIST OF PRECAST WETSET TILES WITH MIN. SIZE OF 2' X 2', COLOR YELLOW. APPROVED PRODUCTS INCLUDE: "CASTINACT 3", "TEKWAY DOME-TILES", "ADA SOLUTIONS", AND "ACCESS TILE". DETECTABLE WARNING SURFACES SHALL EXTEND THE FULL WIDTH OF THE RAMP RUN (EXCLUDING ANY FLARED SIDES), BLENDED TRANSITION, OR TURNING SPACE. DETECTABLE WARNING SHALL BE CONSTRUCTED PER MANUFACTURER'S INSTALLATION GUIDELINES AND CONFORM TO ADAAG.
- CONCRETE REMOVAL SHALL BE TO NEAT SAW CUT LINES
- AGGREGATE BASE MATERIAL UNDER PEDESTRIAN RAMPS SHALL BE TYPE 2, CLASS B CRUSHED AGGREGATE BASE. MATERIALS SHALL CONFORM TO SSPWC SECTION 200, AS ADOPTED BY CITY COUNCIL.
- PORTLAND CEMENT CONCRETE (P.C.C.) SHALL HAVE THE FOLLOWING CHARACTERISTICS: 4000 PSI MIN. COMPRESSIVE STRENGTH AT 28 DAYS, MIN. 6 SACKS OF CEMENT PER CUBIC YARD WITH MAX. WATER-CEMENT RATIO OF 0.45, AIR ENTRAINMENT 6% ± 1.5%, SLUMP AT 1 TO 4 INCHES. MIX DESIGN SHALL CONFORM TO THE REQUIREMENTS OF SECTION 337 OF STANDARD SPECIFICATIONS OF PUBLIC WORKS CONSTRUCTION (SSPWC), AS ADOPTED BY CITY COUNCIL. CEMENT SHALL BE TYPE II. ALL CEMENT CONCRETE SHALL HAVE A COARSE AGGREGATE GRADATION CONFORMING TO SIZE No. 67. POLYPROPYLENE OR CELLULOSE FIBERS SHALL BE ADDED TO THE P.C.C. AT 1.5 LBS. PER CUBIC YARD. ALL MATERIALS SHALL CONFORM TO SSPWC, AS ADOPTED BY CITY COUNCIL.
- CONTRACTORS SHALL CORRECT ANY GRADE CONFLICT WITH EXISTING BOXES. THE CITY ENGINEER SHALL MAKE THE FINAL DETERMINATION REGARDING THE DEGREE OF MODIFICATIONS REQUIRED BY THE CONTRACTOR FOR GRADE CONFLICTS BETWEEN EXISTING BOXES AND NEW PEDESTRIAN RAMPS.
- SIDEWALK AT BOTH SIDES OF RAMP MAY BE RECONSTRUCTED TO MINIMIZE THE GRADE AT A HORIZONTAL DISTANCE TO BE DETERMINED IN THE FIELD, UPON APPROVAL OF THE CITY ENGINEER, SUBJECT TO PROWAG REQUIREMENTS. CURB AT THE BACK OF WALK MAY BE NEEDED. A TRANSITION SECTION OF SIDEWALK MAY BE NECESSARY TO MATCH CROSS SLOPE OF EXISTING SIDEWALK TO PEDESTRIAN RAMP IMPROVEMENTS. TRANSITION SECTIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.

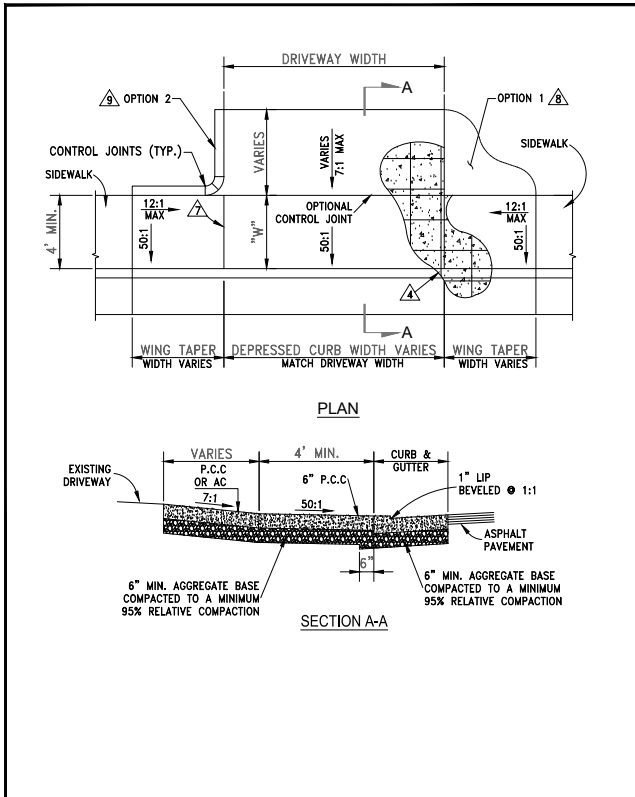
STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION DRAWING No. S-106G  
**NOTES - PEDESTRIAN RAMP**  
APPROVED BY: JE DATE: 3/2021



STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION DRAWING No. S-109  
**P.C.C. CURB & GUTTER**  
APPROVED BY: JE DATE: 1/2020

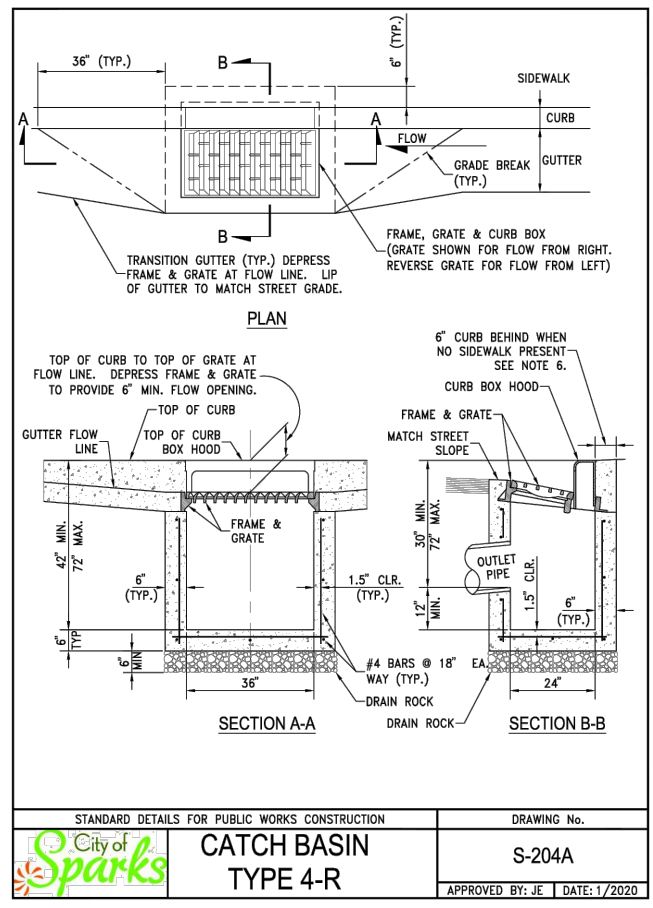


STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION DRAWING No. S-110  
**P.C.C. MEDIAN CURBS**

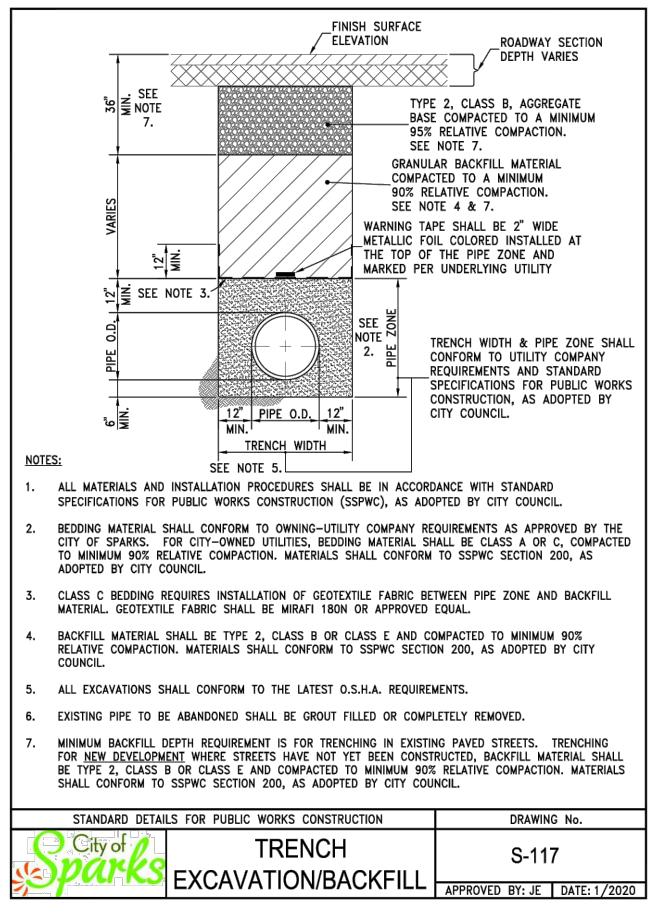


STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION DRAWING No. S-111B (MODIFIED)  
**P.C.C. DRIVEWAY APRON**

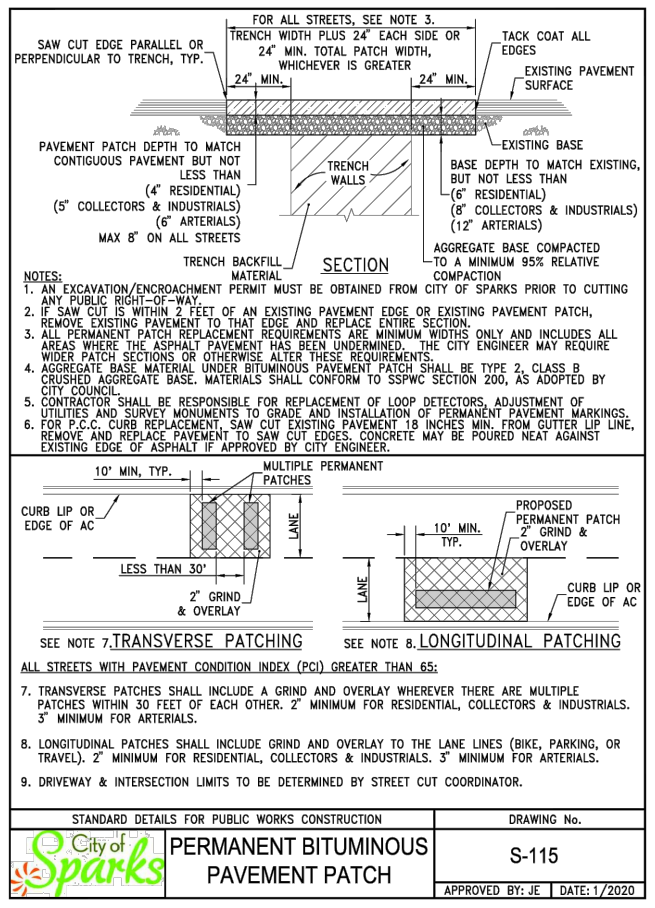
NO.	REVISION	DESCRIPTION	DATE



STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION DRAWING No. S-204A  
 APPROVED BY: JE | DATE: 1/2020



STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION DRAWING No. S-117  
 APPROVED BY: JE | DATE: 1/2020

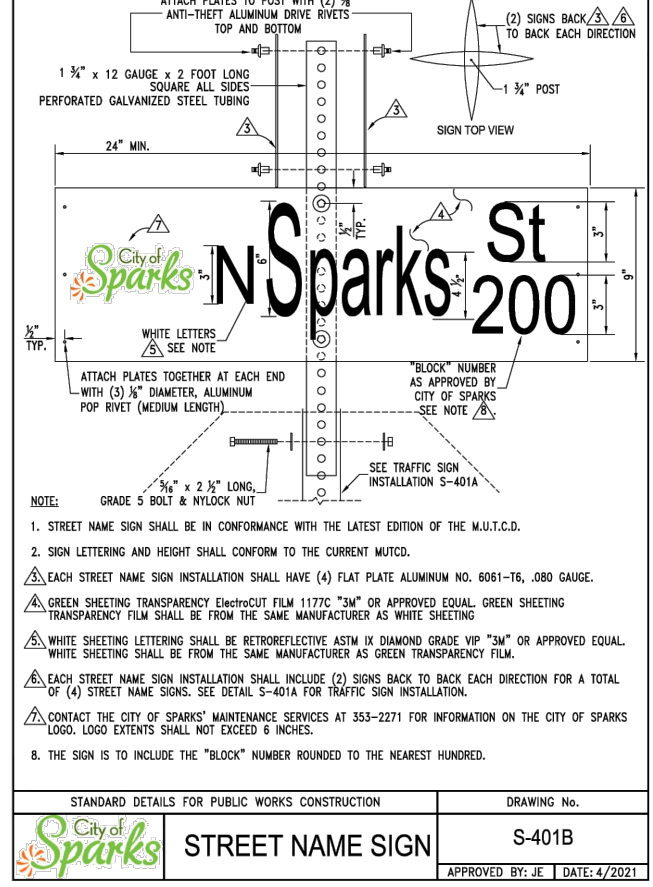


STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION DRAWING No. S-115  
 APPROVED BY: JE | DATE: 1/2020

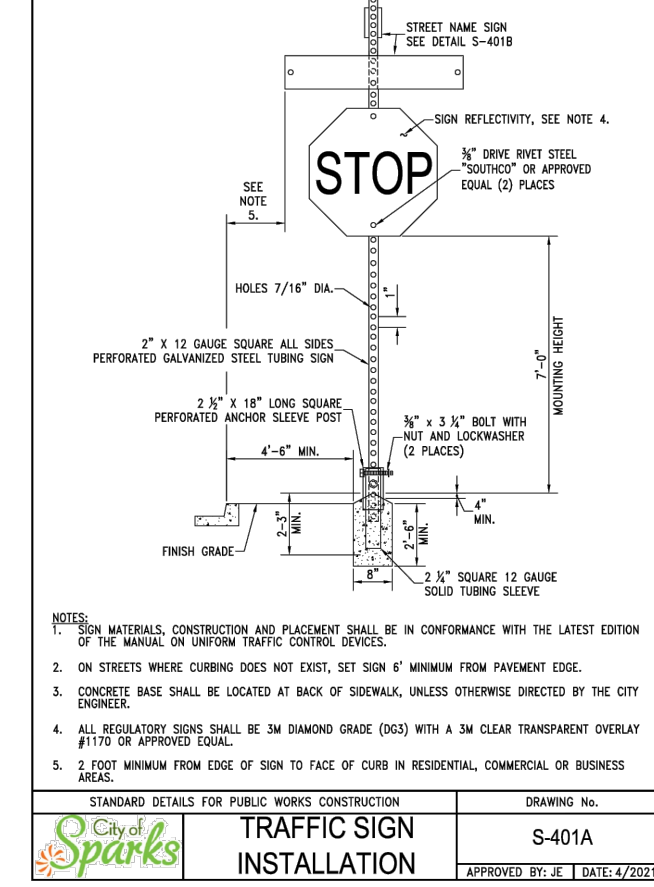
**NOTES:**

- PORTLAND CEMENT CONCRETE (P.C.C.) SHALL HAVE THE FOLLOWING CHARACTERISTICS: 4000 PSI MIN. COMPRESSIVE STRENGTH AT 28 DAYS, MIN. 6 SACKS OF CEMENT PER CUBIC YARD WITH MAX. WATER-CEMENT RATIO OF 0.45, AIR ENTRAINMENT 6% ± 1.5%, SLUMP AT 1 TO 4 INCHES. MIX DESIGN SHALL CONFORM TO THE REQUIREMENTS OF SECTION 337 OF STANDARD SPECIFICATIONS OF PUBLIC WORKS CONSTRUCTION (SSPWC), AS ADOPTED BY CITY COUNCIL. CEMENT SHALL BE TYPE II. ALL CEMENT CONCRETE SHALL HAVE A COARSE AGGREGATE GRADATION CONFORMING TO SIZE NO. 67. POLYPROPYLENE OR CELLULOSE FIBERS SHALL BE ADDED TO THE P.C.C. AT 1.5 LBS. PER CUBIC YARD. ALL MATERIALS SHALL CONFORM TO SSPWC, AS ADOPTED BY CITY COUNCIL.
- AGGREGATE BASE MATERIAL UNDER DRIVEWAYS AND SIDEWALKS SHALL BE TYPE 2, CLASS B CRUSHED AGGREGATE BASE. ALL MATERIALS SHALL CONFORM TO SSPWC SECTION 200, AS ADOPTED BY CITY COUNCIL.
- RESIDENTIAL DRIVEWAYS SHALL BE POURED SEPARATE FROM CURB AND GUTTER.
- COMMERCIAL DRIVEWAYS MAY BE POURED MONOLITHIC WITH CURB AND GUTTER. COMMERCIAL DRIVEWAYS TO HAVE #4 BARS AT 18" ON CENTER LONGITUDINAL & TRANSVERSE EXTENDING INTO GUTTER PAN, DRIVEWAY WINGS, AND TRANSITION. MINIMUM 2" CONCRETE COVER FOR ALL REINFORCING BARS. WHEN COMMERCIAL DRIVEWAY APPROACH AND CURB & GUTTER IS POURED SEPARATELY, IT SHALL BE REQUIRED FOR EACH REINFORCING BAR TO BE DOWELED INTO ADJACENT CURB & GUTTER. DOWELS SHALL BE #4 REBAR, PENETRATE INTO CURB & GUTTER MINIMUM OF 6", SPACED AT 18" ON CENTER AND BE SECURELY TIED TO THE DRIVEWAY APPROACH REINFORCING. REINFORCEMENT TO BE INSTALLED THROUGHOUT ENTIRE COMMERCIAL DRIVEWAY, INCLUDING CURB AND GUTTER, WINGS, AND TRANSITIONS, REGARDLESS OF POURING METHOD.
- IF JOINT EXISTS WITHIN 4 FEET OF DRIVEWAY, REMOVE SIDEWALK AND CURB AND GUTTER TO THAT JOINT.
- ALL ADJACENT CONCRETE REMOVAL SHALL BE TO NEAT SAW CUT LINES AT RIGHT ANGLES. DOWEL INTO EXISTING ADJACENT CONCRETE DRIVEWAY APPROACH OR SIDEWALK WITH (2) NO. 4 REINFORCEMENT BARS EQUALLY SPACED ACROSS WIDTH "W". DOWELS SHALL PENETRATE A MINIMUM OF 4" INTO EXISTING CONCRETE.
- WEAKENED PLANE JOINTS SHALL BE CONSTRUCTED AT 5 FT INTERVALS AND IN ACCORDANCE WITH SECTION 312 OF THE SSPWC, AS ADOPTED BY CITY COUNCIL.
- OPTION 1: LANDSCAPE/MISC GRADING. REGRADE EXISTING LANDSCAPING INCLUDING ADJUSTMENT OF SPRINKLER HEADS, IRRIGATION LINES, ROCK, SOD, ETC.
- OPTION 2: POST CURB. POST CURB WILL REQUIRE CITY OF SPARKS APPROVAL PRIOR TO PLACEMENT. THIS OPTION MAY BE NECESSARY TO PROTECT EXISTING FENCING, WALLS, OR FEATURES THAT CANNOT BE REGRADED. POST CURB SHALL BE POURED SEPARATELY FROM SIDEWALK AND DRIVEWAYS OR AS APPROVED BY THE CITY ENGINEER.
- DETAIL S-111A SHALL NOT BE USED FOR NEW CONSTRUCTION UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.

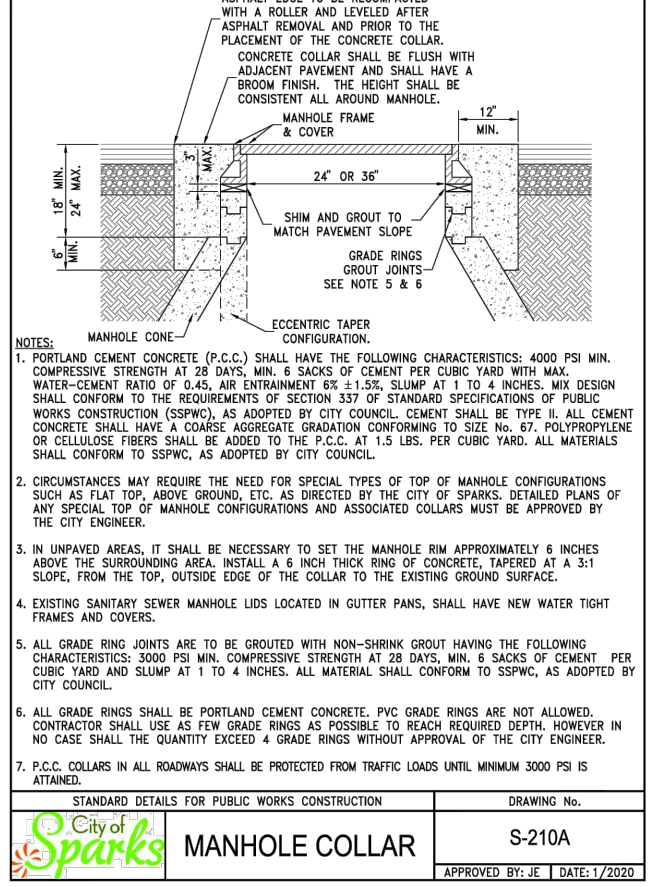
NOTES - P.C.C. DRIVEWAY APRON DRAWING No. S-111C (MODIFIED)  
 APPROVED BY: JE | DATE: 1/2020



STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION DRAWING No. S-401B  
 APPROVED BY: JE | DATE: 4/2021



STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION DRAWING No. S-401A  
 APPROVED BY: JE | DATE: 4/2021



STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION DRAWING No. S-210A  
 APPROVED BY: JE | DATE: 1/2020

**NOTES:**

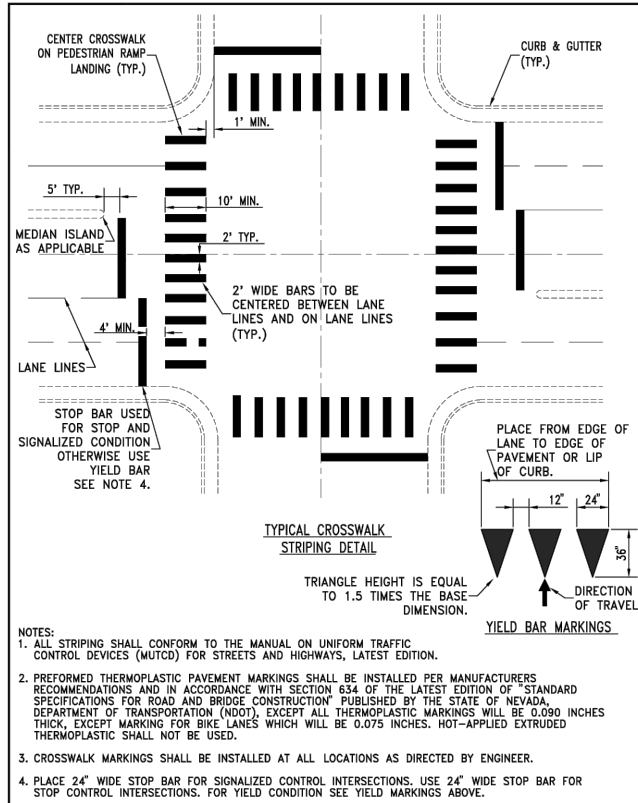
- P.C.C CURB AND GUTTER TRANSITION SHALL BE PORTLAND CEMENT CONCRETE (P.C.C.) AND SHALL HAVE THE FOLLOWING CHARACTERISTICS: 4000 PSI MIN. COMPRESSIVE STRENGTH AT 28 DAYS, MIN. 6 SACKS OF CEMENT PER CUBIC YARD WITH MAX. WATER-CEMENT RATIO OF 0.45, AIR ENTRAINMENT 6% ± 1.5%, SLUMP AT 1 TO 4 INCHES. MIX DESIGN SHALL CONFORM TO THE REQUIREMENTS OF SECTION 337 OF STANDARD SPECIFICATIONS OF PUBLIC WORKS CONSTRUCTION (SSPWC), AS ADOPTED BY CITY COUNCIL. CEMENT SHALL BE TYPE II. ALL CEMENT CONCRETE SHALL HAVE A COARSE AGGREGATE GRADATION CONFORMING TO SIZE NO. 67. POLYPROPYLENE OR CELLULOSE FIBERS SHALL BE ADDED TO THE P.C.C. AT 1.5 LBS. PER CUBIC YARD. ALL MATERIALS SHALL CONFORM TO SSPWC, AS ADOPTED BY CITY COUNCIL.
- REINFORCING STEEL SHALL BE GRADE 40 AND HAVE 1.5" MINIMUM CLEAR COVER.
- CONCRETE STRUCTURE MAY BE A CAST-IN-PLACE CONCRETE UNIT UPON APPROVAL OF THE CITY ENGINEER. BASE OF CAST-IN-PLACE CONCRETE UNIT SHALL BE PLACED ON 6" COMPACTED DRAIN ROCK.
- FRAME, GRATE AND CURB BOX HOOD ASSEMBLY SHALL BE D&L I-3519 WITH TYPE L "VANE GRATE" OR APPROVED EQUAL. GRATE SHALL BE INSTALLED WITH PROPER FLOW DIRECTION. EACH CATCH BASIN SHALL BE CAST WITH A FISH IMAGE AND THE WORDS "NO DUMPING! DRAINS TO RIVERS" IN THE TOP OF EACH CURB HOOD.
- TILT FRAME & GRATE AS REQUIRED TO ATTAIN 6" MIN. FLOW OPENING & INSTALL DURABLE SHIMS BETWEEN THE CURB BOX & FRAME AS REQUIRED TO MATCH CURB BOX TO TOP OF CURB AND FACE OF CURB (SEE SECTION B-B).
- WHEN SIDEWALK IS PRESENT CONCRETE BEHIND CURB BOX SHALL BE THICKENED TO THE FULL DEPTH OF THE CURB BOX. IF NO SIDEWALK IS PRESENT, POUR 6" CONCRETE CURB STRUCTURE BEHIND GRATE AND THE BEAM INTO BOX.
- ALL CATCH BASINS, PUBLIC OR PRIVATE, SHALL BE PROVIDED WITH A "SUR-TRAP" OIL/WATER SEPARATOR OR APPROVED EQUAL.
- FRAMES AND GRATES SHALL BE MATCHED TO ACHIEVE A CLOSE TOLERANCE FIT WITH MINIMAL GAPS.
- CATCH BASIN SHALL NOT BE PLACED WITHIN THE RADIUS OF THE CURB UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.

NOTES - CATCH BASIN TYPE 4-R DRAWING No. S-204B  
 APPROVED BY: JE | DATE: 1/2020

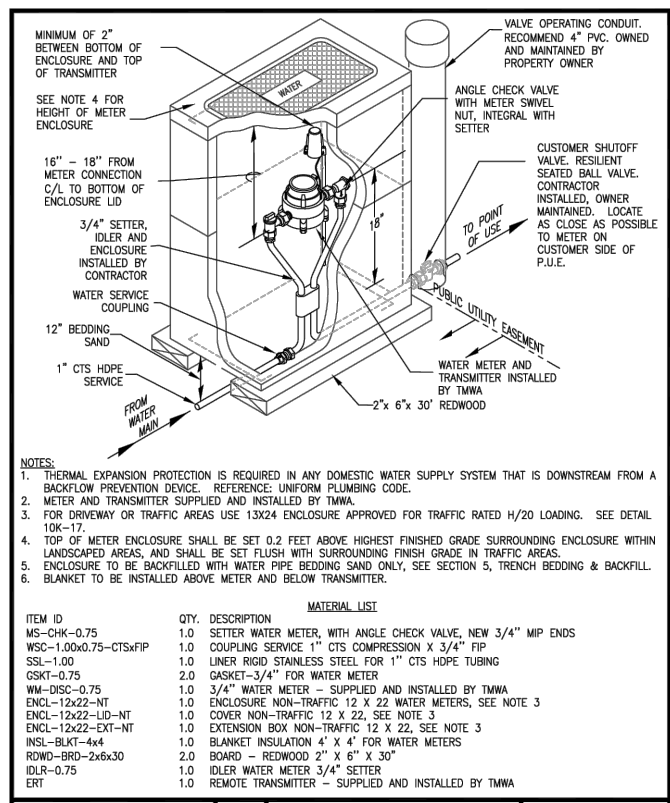
REUSE OF DRAWINGS

JUB SHALL RETAIN ALL COMMON LAW, STATUTORY, COPYRIGHT AND TRADEMARK RIGHTS IN THIS DRAWING. NO PART OF THIS DRAWING SHALL BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN CONSENT OF JUB. ANY REUSE WITHOUT WRITTEN CONSENT BY JUB WILL BE AT CLIENT'S SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO JUB.

NO.	REVISION	DESCRIPTION	DATE

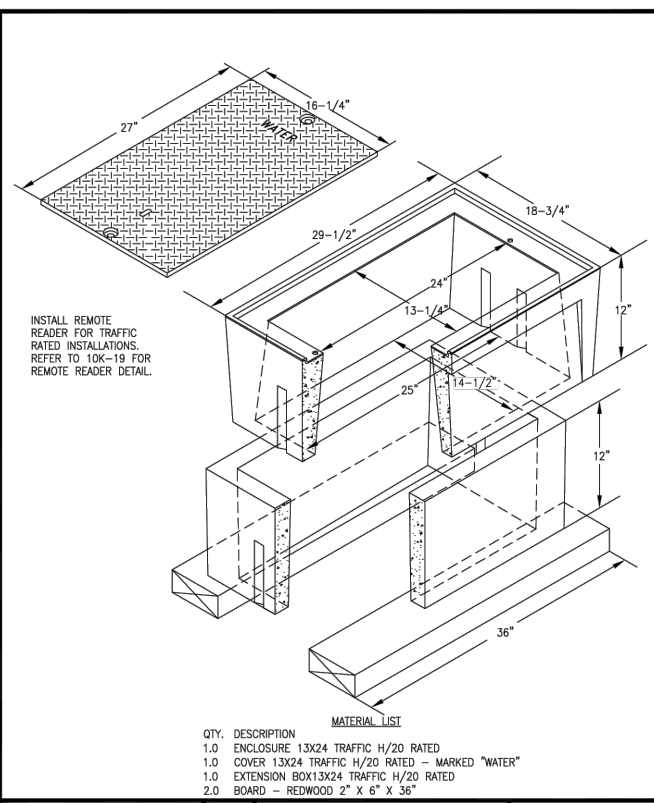


STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	DRAWING No.
<b>CROSSWALK LEGEND</b>	S-411
APPROVED BY: JE	DATE: 1/2020

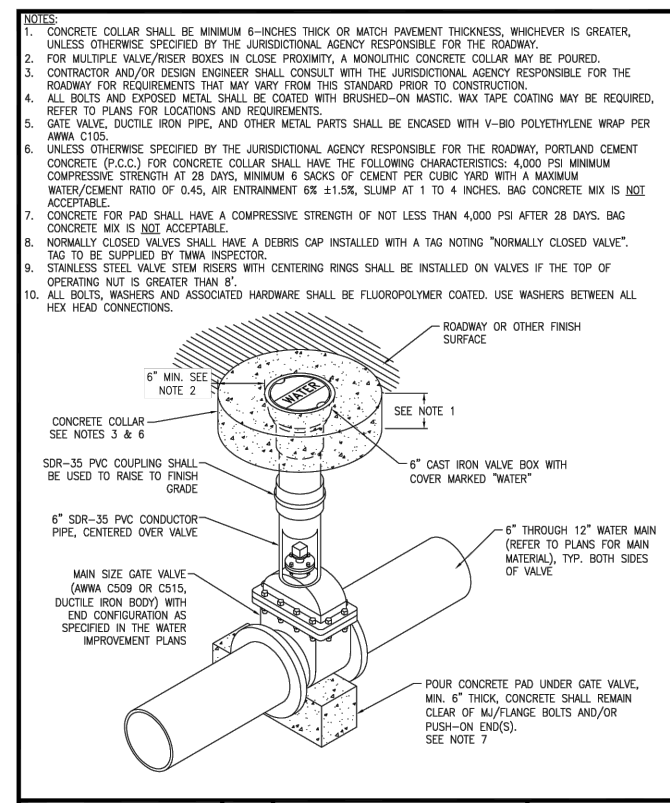


ITEM ID	QTY.	DESCRIPTION	MATERIAL LIST
MS-CHK-0.75	1.0	SETTER WATER METER, WITH ANGLE CHECK VALVE, NEW 3/4" MIP ENDS	
WSC-1.00x0.75-CTSxFIP	1.0	COUPLING SERVICE 1" CTS COMPRESSION X 3/4" FIP	
SSL-1.00	1.0	LINER RIGID STAINLESS STEEL FOR 1" CTS HDPE TUBING	
GSKT-0.75	2.0	GASKET-3/4"	
WM-DISC-0.75	1.0	3/4" WATER METER - SUPPLIED AND INSTALLED BY TMWA	
ENCL-12x22-NT	1.0	ENCLOSURE NON-TRAFFIC 12 X 22 WATER METERS, SEE NOTE 3	
ENCL-12x22-LID-NT	1.0	COVER NON-TRAFFIC 12 X 22, SEE NOTE 3	
ENCL-12x22-EXT-NT	1.0	EXTENSION BOX NON-TRAFFIC 12 X 22, SEE NOTE 3	
INSL-BLKT-4x4	1.0	BLANKET INSULATION 4' X 4' FOR WATER METERS	
RWD-BRD-2x6x30	2.0	BOARD - REDWOOD 2" X 6" X 30"	
IDLR-0.75	1.0	IDLER WATER METER 3/4" SETTER	
ERT	1.0	REMOTE TRANSMITTER - SUPPLIED AND INSTALLED BY TMWA	

TRUCKEE MEADOWS WATER	DATE	APPENDIX 10K	DRAWING NUMBER
	6/2004	WATER METERS - SMALL	10K-2
	REV	NEW RESIDENTIAL INSTALLATION	
	7/2011	1" SINGLE SERVICE	
		FOR 3/4" SETTER WITH ANGLE CHECK	
		METER AND TRANSMITTER	



TRUCKEE MEADOWS WATER	DATE	APPENDIX 10K	DRAWING NUMBER
	6/2004	WATER METERS - SMALL	10K-17
	REV	NEW INSTALLATION	
	5/2024	13x24 ENCLOSURE	
		TRAFFIC RATED	



TRUCKEE MEADOWS WATER	DATE	APPENDIX 10I	DRAWING NUMBER
	1/2002	DISTRIBUTION VALVE INSTALLATION	10J-2
	REV	IN-LINE GATE VALVE	
	5/2024	WITH CONCRETE COLLAR	