



**CITY OF RICHLAND  
NOTICE OF APPLICATION AND PUBLIC HEARING  
SHORELINE SUBSTANTIAL DEVELOPMENT AND SPECIAL  
USE PERMIT (SMP2020-101 & SSDP2020-101)**

Notice is hereby given that the City of Richland Public Works Department has applied for a Shoreline Management Substantial Development & Special Use Permit to fully reconstruct a 1.1-mile segment of Columbia Park Trail and to reconstruct an existing parking lot on the north side of Columbia Park Trail. Road work includes adding curb & gutter, sidewalks, multi-use paths, on-street bike lanes, new streetlights, pedestrian crossing locations, storm drainage collection system including on-site swales and underground infiltration systems. Work on the parking lot will be within the Corps of Engineers owned land, leased to the City of Richland. A SEPA DNS was issued for this project on Dec. 30, 2019 (EA2019-135). The proposal has been determined to be consistent with the City of Richland's Critical Areas regulations.

Copies of the complete application packet, SEPA Checklist and related materials can be obtained by visiting the City of Richland website ([www.ci.richland.wa.us](http://www.ci.richland.wa.us)).

The Richland Hearings Examiner will conduct a public hearing and review of the application at 6:00 p.m., Monday, April 13, 2020 in the Richland City Hall Council Chambers, 625 Swift Boulevard. All interested parties are invited to attend and present testimony at the public hearing.

Any person desiring to express their views or to be notified of any decisions pertaining to this application should notify Shane O'Neill, Senior Planner, 625 Swift Boulevard, MS #35, Richland, WA 99352. Comments may also be emailed to [soneill@ci.richland.wa.us](mailto:soneill@ci.richland.wa.us). Written comments should be received no later than 5:00 p.m. on Monday, April 6, 2020 to be incorporated into the staff report. Comments received after that date will be entered into the record at the hearing.

The application will be reviewed in accordance with the regulations in RMC Title 19 Development Regulations Administration and Title 26 Shoreline Master Program. Appeal procedures of decisions related to the above referenced application are set forth in RMC Chapter 19.70. Contact the Richland Planning Division at the above referenced address with questions related to the available appeal process.

# Vicinity Map

Item: Columbia Park Trail East Shoreline Special Use  
& Substantial Development Permit  
Applicant: City of Richland Public Works  
File #'s: SSD2020-101 & SMP2020-101





## Shoreline Master Program Substantial Development Application

**Note: A Pre-Application meeting is required prior to submittal of an application.**

<b>PROPERTY OWNER INFORMATION</b>		<input type="checkbox"/> Contact Person
Owner: Corps of Engineers (lease #W912EF-1-04-14 to COR Parks Department), & COR Public Works Dept (ROW / street)		
Address:		
Phone:	Email:	

<b>APPLICANT/CONTRACTOR INFORMATION (if different)</b>		<input type="checkbox"/> Contact Person
Company: City of Richland Public Works Department	UBI#	
Contact: Sheldon Williamson		
Address: 625 Swift Blvd, MS-26 Richland, WA 99352		
Phone: (509) 942-7492	Email: swilliamson@ci.richland.wa.us	

<b>PROPERTY INFORMATION</b>		
Legal Description: Parts of section 29 & 30 T9N R29E, Columbia Park Trail East from Fowler to Hanford Reach Driveway including Wye Park parking lots	Parcel #	
Current Zoning: Split: Waterfront, C-3 (general business), PPF (Parks & Public facilities), CR (commercial recreation), C-2 (Retail business)	Current Land Use Designation: Split: GCOM (general commercial), WTF (waterfront), URD (urban recreational district), NOS (natural open space), RR (retail regional)	Shoreline Designation: Recreation conservancy, waterfront, recreation

**DESCRIPTION OF PROJECT (Size of structure(s), amount of grading/filling, impacts to wetlands and/or buffers etc.)**

The project is located along Columbia Park Trail between Fowler Drive and the Hanford Reach Driveway, covering approximately 1.1 miles within Sections 29 and 30 of T9N R29E. This corridor services as a minor arterial and access point to Columbia Park West, Richland Marina, Bateman Island, along with businesses, residential homes, and business office complex. Parts of the Columbia Park Trail East corridor included in the project see over 5000 ADT.

This improvement project will include a full reconstruction of the existing roadway including adding curb & gutter, sidewalks, multi-use paths, on-street bike lanes, new streetlights, undergrounding of existing power (removal of power poles) pedestrian crossing locations (RRFBs (2) and new ADA ramps), storm drainage collection system including on-site swales and storm drainage piping network (storm pipes, catch basins, storm manholes). An Ecology stormwater grant will allow for the treatment of stormwater prior to being discharged in the Columbia River along with the rehabilitation of the parking lots for the Wye Park (including storm drainage collection system). Work on the parking lots will be within the Corps of Engineers owned land, leased to the City of Richland as is the east end of the project street work.

Storm drainage collection structures to be included in project: storm manholes (up to 10' deep, 48" diameter), storm piping (PVC) 12" and 18" diameter, varying depths (4' to 10' deep), catch basins (typical City sized 24" diameter), various overflow collection structures from swales, and swale storm collection system.

Other structures in project include: streetlights (26 total w/ conduits and J-boxes), rapid flash beacon systems (2), power utility for undergrounding existing overhead power (conduit, vaults), fire hydrants (moved from existing locations), and minor amount of water and sewer work (mainly new services).

Grading to include removal of existing street for reconstruction / new construction of street at 14" deep (8" CSBC, 2" CSTC, 4" HMA). Fill will be minor with most material to be exported from site (note all rock and asphalt will be imported into the project). A rough estimate of material that will be excavated (removal of existing street section) is 10,000 CY. Approximately 26,000 SY of new street and 11,700 LF of curb & gutter.

Wetlands and buffer area should not be impacted as project is within the existing footprint of disturbed / developed area.

**APPLICATION MUST INCLUDE**

1. Completed Application and Filing Fee
2. Title Insurance company certificate, issued no more than 30 days prior to application, showing ownership of the property and all lien holders
3. A site plan, drawn to scale, showing all details of the proposal – include property lines, easements, building location(s) and dimensions, parking areas, access driveways, landscaping areas, critical area features, fences, signs, storm water control features, existing wells and drainfields, fire hydrants, significant cut or fill areas, etc. See WAC 173-27-180
4. Preliminary layout of building interior (uses and sizes of rooms)
5. Any other information the Administrator deems necessary to determine compliance with applicable codes
6. SEPA Checklist

I authorize employees and officials of the City of Richland the right to enter and remain on the property in question to determine whether a permit should be issued and whether special conditions should be placed on any issued permit. I have the legal authority to grant such access to the property in question.

I also acknowledge that if a permit is issued for land development activities, no terms of the permit can be violated without further approval by the permitting entity. I understand that the granting of a permit does not authorize anyone to violate in any way any federal, state, or local law/regulation pertaining to development activities associated with a permit.

I hereby certify under penalty of perjury under the laws of the State of Washington that the following is true and correct:

1. I have read and examined this permit application and have documented all applicable requirements on the site plan.
2. The information provided in this application contains no misstatement of fact.
3. I am the owner(s), the authorized agent(s) of the owner(s) of the above referenced property, or I am currently a licensed contractor or specialty contractor under Chapter 18.27 RCW or I am exempt from the requirements of the Chapter 18.27 RCW.
4. I understand this permit is subject to all other local, state, and federal regulations.

*Note: This application will not be processed unless the above certification is endorsed by an authorized agent of the owner(s) of the property in question and/or the owner(s) themselves. If the City of Richland has reason to believe that erroneous information has been supplied by an authorized agent of the owner(s) of the property in question and/or by the owner(s) themselves, processing of the application may be suspended.*

Applicant Printed Name: Sheldon Williamson

Applicant Signature: Sheldon William Date 2/28/2020



## Shoreline Master Program Special Use Application

**Note: A Pre-Application meeting is required prior to submittal of an application.**

### PROPERTY OWNER INFORMATION

Contact Person

Owner: Corps of Engineers (lease #W912EF-1-04-14 to COR Parks Dept.) & City of Richland Public Works Dept (ROW/Street)

Address:

Phone:

Email:

### APPLICANT/CONTRACTOR INFORMATION (if different)

Contact Person

Company: City of Richland Public Works Dept.

UBI#

Contact: Sheldon Williamson

Address: 625 Swift Blvd., MS-26, Richland, WA 99352

Phone: (509) 942-7492

Email: swilliamson@ci.richland.wa.us

### PROPERTY INFORMATION

Legal Description: Parts of section 29 & 30 T9N R29E, Columbia Park Trail East from Fowler to Hanford Reach Driveway including Wye Park parking lots

Parcel #

Current Zoning: Split C-2 & C-3

Current Land Use Designation: Split: GCOM, WTF, URD, NOS, RR

Shoreline Designation: Recreation conservancy, waterfront, recreation

### DESCRIPTION OF PROJECT

The project is located along Columbia Park Trail between Fowler Drive and the Hanford Reach Driveway, covering approximately 1.1 miles within Sections 29 and 30 of T9N R29E. This corridor services as a minor arterial and access point to Columbia Park West, Richland Marina, Bateman Island, along with businesses, residential homes, and business office complex. Parts of the Columbia Park Trail East corridor included in the project see over 5000 ADT. This improvement project will include a full reconstruction of the existing roadway including adding curb & gutter, sidewalks, multi-use paths, on-street bike lanes, new streetlights, undergrounding of existing power (removal of power poles) pedestrian crossing locations (RRFBs (2) and new ADA ramps), storm drainage collection system including on-site swales and storm drainage piping network (storm pipes, catch basins, storm manholes). An Ecology stormwater grant will allow for the treatment of stormwater prior to being discharged in the Columbia River along with the rehabilitation of the parking lots for the Wye Park (including storm drainage collection system). Work on the parking lots will be within the Corps of Engineers owned land, leased to the City of Richland as is the east end of the project street work.

### PURPOSE

The purpose of a Special Use permit is to provide a system within the master program which allows flexibility in the application of use regulations in a manner consistent with the policies of RCW 90.58.020. In authorizing a special use, special conditions may be attached to the permit by local government or the department to prevent undesirable effects of the proposed use and/or to assure consistency of the project with the act and the Richland Shoreline Master Program.

### APPLICATION MUST INCLUDE

1. Completed Application and Filing Fee
2. Title Insurance company certificate, issued no more than 30 days prior to application, showing ownership of the property and all lien holders
3. A site plan, drawn to scale, showing all details of the proposal – include property lines, easements, building location(s) and dimensions, parking areas, access driveways, landscaping areas, critical area features, fences, signs, storm water control features, existing wells and drainfields, fire hydrants, significant cut or fill areas, etc. See WAC 173-27-180
4. Preliminary layout of building interior (uses and sizes of rooms)
5. Any other information the Administrator deems necessary to determine compliance with applicable codes and WAC 173-27-180
6. SEPA Checklist

**COMPLETE QUESTIONS AS THOROUGHLY AS POSSIBLE**

Describe how the proposed use is consistent with the policies of RCW 90.58.020 and the Richland Master Program:

The proposed use of the project (minor arterial roadway) is the same as the current use of the project with the exception of additional enhancements including pedestrian facilities (sidewalks, multi-use path, RRFB crossing locations, ADA ramps), bike facilities (bike lanes, multi-use path), streetlights (to current standards), and storm collection / treatment. All items are enhancements to the existing street creating a safer and more appealing street that will hopefully encourage redevelopment.

The Wye park parking lot repaving will enhance the entrance to Wye Park and Bateman island nature area.

Describe how the proposed use will not interfere with the normal public use of public shorelines:

The reconstruction project will enhance access and usability of existing park / nature areas (i.e. shoreline) by providing a multi-use path, sidewalks, and / or bike lanes within the project area. Existing access to Bateman Island, Wye Park, Richland Marina will remain after the project is completed (minor disruptions in access will be required during the construction project).

Describe how the proposed use of the site and design of the project is compatible with other authorized uses within the area and with uses planned for the area under the Comprehensive Plan and Shoreline Master Program:

As an enhancement project to an existing street, the project is compatible with both current authorized uses and potential future uses as defined in the zoning and land use. New driveways will be built for access to each existing business, home, or park access. New ADA ramps will facilitate better pedestrian accesses including access to businesses. New bike lanes and multi-use path will include more access for additional people. These enhancements meet shoreline goal #7 (from the COR Shoreline Master Plan) in providing circulation: "Develop a safe and convenient shoreline circulation system to meet the needs for efficient movement of people, consistent with the shoreline environments, located and designed to minimize adverse impact on the environment."

Describe how the proposed use will cause no significant adverse effects to the shoreline environment in which it is to be located and how the public interest suffers no substantial detrimental effect:

The project has the potential to enhance the shoreline with the collection and treatment of storm drainage runoff, provide additional access via sidewalks, bike lanes, and a multi-use path. Street lights will make the street safer at night and the new paving, sidewalks, and curb & gutter will beautify the entire corridor.

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I also acknowledge that if a permit is issued for land development activities, no terms of the permit can be violated without further approval by the permitting entity. I understand that the granting of a permit does not authorize anyone to violate in any way any federal, state, or local law/regulation pertaining to development activities associated with a permit.

I hereby certify under penalty of perjury under the laws of the State of Washington that the following is true and correct:

1. I have read and examined this permit application and have documented all applicable requirements on the site plan.
2. The information provided in this application contains no misstatement of fact.
3. I am the owner(s), the authorized agent(s) of the owner(s) of the above referenced property, or I am currently a licensed contractor or specialty contractor under Chapter 18.27 RCW or I am exempt from the requirements of the Chapter 18.27 RCW.
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Applicant Printed Name: Sheldon Williamson

Applicant Signature: Sheldon Williamson Date 2/24/2020

CONSTRUCTION PLANS FOR:

# COLUMBIA PARK TRAIL EAST IMPROVEMENTS

(FOWLER ST. TO REACH MUSEUM DWY.)

CONTRACT #: SB XX-###

**CONTACTS:**

CITY OF RICHLAND, ENGINEERING DEPT.  
SHELDON WILLIAMS  
(W)(509)942-7492 (C)(509)531-1990

CITY OF RICHLAND, WATER DEPT.  
MIKE ENNS (C)(509)531-7915

CITY OF RICHLAND, SEWER DEPT.  
HECTOR MOORE (C)(509)531-4849

CITY OF RICHLAND, ENERGY SERVICES DEPT.  
KELLY HILL (W)(509)942-7418 (C)(509)420-8489

CITY OF RICHLAND, SURVEY DEPT.  
BRANDIN LOPEZ (W)(509)942-7512

CITY OF RICHLAND, STREET DEPT.  
CHAD BOOTHIE (W)(509)942-7524 (C)(509)531-9188

CITY OF RICHLAND, PARKS & FACILITIES DEPT.  
SHAWN HARPER (W)(509)942-7527 (C)(509)578-9338

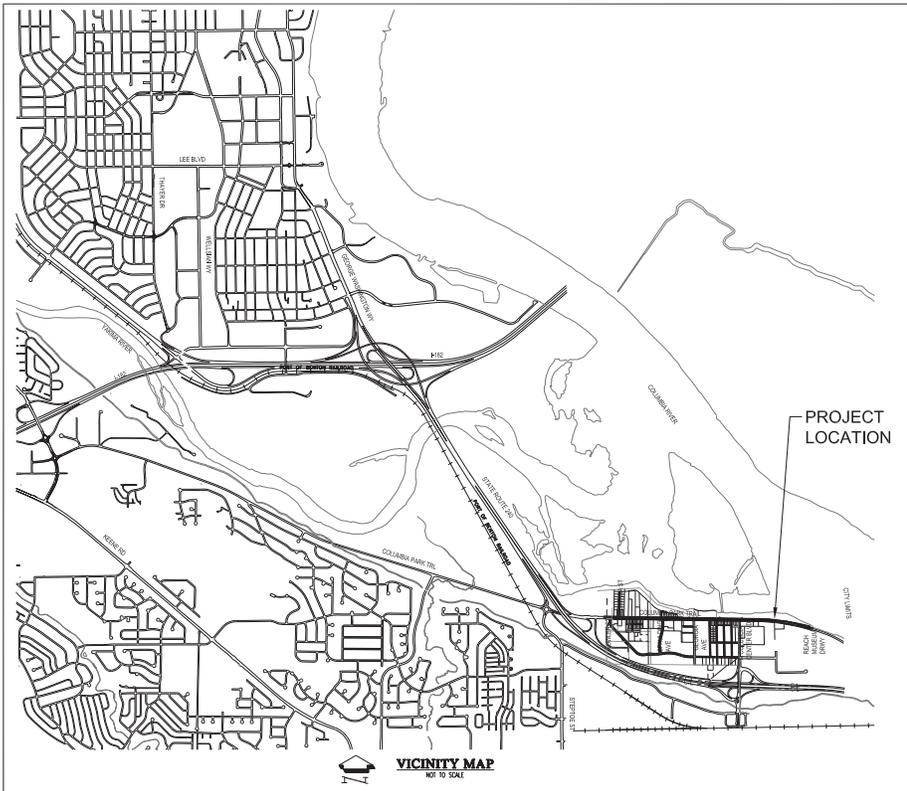
CITY OF RICHLAND, TRAFFIC ENGINEERING  
JOHN DESKINS (W)(509)942-7514

CASCADE NATURAL GAS  
DREG HILLER (W)(509)736-5547 (C)(509)579-1185  
24 HOUR EMERGENCY 1-888-522-1130

CHARTER COMMUNICATIONS  
JUNIOR CAMPOS (W)(509)322-2552 (C)(509)481-0222

FRONTIER COMMUNICATION  
JOSEPH COFFY (C)(509)736-3722

LS NETWORKS  
WINFRED VOGT (W)(503)414-0475



**DRAWING INDEX**

SHEET	DESCRIPTION
1	COVER SHEET
2	LEGEND, ABBREVIATIONS AND GENERAL NOTES
3	KEY MAP INDEX
4	TYPICAL ROAD SECTIONS
5	CORINGS INFORMATION
6 TO 11	CONSTRUCTION DETAILS
DTL-01 TO DTL-04	DETAIL INFORMATION
INT-01 TO INT-06	INTERSECTION AND ADA RAMP DETAILS
RRFB1-RRFB4	RECTANGULAR RAPID FLASH BEACON PLANS (RRFB)
C-01 TO C-11	PLAN AND PROFILE SHEETS
ST-01 TO ST-06	SIGNING AND STRIPING PLANS

60% REVIEW SUBMITTAL

REGION NO. STATE FEDERAL AG PROJECT NUMBER  
10 18 1 5706 (AP-2006002)

**Columbia Park Trail East Improvements**  
(Fowler St. to Reach Museum Drwy.)

Cover Sheet

**CITY OF RICHLAND**  
PUBLIC WORKS DEPARTMENT

811  
Non-emergency  
Call before you dig

**Richland**  
Washington

www.ci.richland.wa.us

CONTRACT NO: 20-0029  
DATE: 02-21-2020  
DESIGN BY: SAW  
RECORD NO: 00-000

SHEET  
**1**  
OF  
**09**

AT FULL SIZE, IF NOT OTHERWISE SPECIFIED

### PLAN SYMBOLOGY

EXISTING	NEW
R/W	R/W
P/L	P/L
EASEMENT	EASEMENT
MONUMENT	MONUMENT/CONTROL POINT
CURB & GUTTER	CURB & GUTTER
EP	EP
EG	EG
TOE	TOE
TOR	TOR
DRT	DRT
WET	WET
FENCE	FENCE
SIGN	SIGN
STREET WATER FLOW	STREET WATER FLOW
ABANDONED LINE	ABANDONED LINE
W	W
SS	SS
SD	SD
IRR	IRR
PIPE CAP OR FLANGE	PIPE CAP OR FLANGE
REDUCER	REDUCER
TEE W/ THRUST BLOCK	TEE W/ THRUST BLOCK
22.5/45° OR 90° ELBOW W/THRUST BLOCK	22.5/45° OR 90° ELBOW W/THRUST BLOCK
GATE VALVE/BUTTERFLY VALVE	GATE VALVE/BUTTERFLY VALVE
FIRE HYDRANT	FIRE HYDRANT
AIR/VACUUM VALVE ASSEMBLY	AIR/VACUUM VALVE ASSEMBLY (LOCATED AT HIGH POINT)
WATER METER	WATER METER
BLOW OFF ASSEMBLY	BLOW OFF ASSEMBLY
BOLLARD	BOLLARD
SEWER MANHOLE	SEWER MANHOLE
SEWER CLEAN OUT	SEWER CLEANOUT
STORM MANHOLE	STORM MANHOLE
STORM CATCH BASIN/MANHOLE	STORM CATCH BASIN/MANHOLE
CATCH BASIN	CATCH BASIN
DITCH/SWALE	DITCH/SWALE
END OF CULVERT	END OF CULVERT
P	P
OHP	OHP
C	C
SL	SL
FO	FO
JUNCTION BOX/POWER VAULT	JUNCTION BOX/POWER VAULT
STREET LIGHT OR YARD LIGHT	STREET LIGHT OR YARD LIGHT
MALIBOX	MALIBOX
BRUSH OR TREES	TREE TYPE
UTILITY POLE	TREE TYPE
GUY WIRE	TREE TYPE
T	T
C	C
XXX	XXX

### MATERIALS IN PLAN/SECTION

	= HANDICAP DETECTABLE PATTERN		= CRUSHED SURFACING/QUARRY SPALLS/ BASE COURSE
	= CONCRETE AREA (REMOVE & REPLACE)		= ROAD REBUILD AREA
	= NEW HMA AREA (PLAN & SECTION)		= DEMO AREA (PLAN)
	= CRUSHED SURFACE TOP COURSE		= TOPSOIL/EARTH (SECTION)

### ABBREVIATIONS

A	= AND	E	= EAST	N	= NORTH
ABAN	= ABANDONED	EB	= EASTBOUND	NC	= NOT IN CONTRACT
AC	= ASPHALT CONCRETE	EG	= EDGE OF GRAVEL	OC	= ON CENTER
ADP	= ASPHALT CONC. PAVEMENT	EL	= ELEVATION OR ELBOW	OD	= OUTSIDE DIAMETER
APPROX	= APPROXIMATE	EP	= EDGE OF PAVEMENT	OHP	= OVERHEAD POWER
AVE	= AVENUE	ESMT	= EASEMENT	P	= UNDERGROUND POWER
BEG	= BEGIN	EVC	= END VERTICAL CURVE	PC	= POINT OF CURVATURE
BK	= BACK	EVC2	= END VERTICAL CURVE ELEVATION	PCC	= POINT OF COMBINED CURVATURE
BLVD	= BOULEVARD	EVC3	= END VERTICAL CURVE STATION	PED	= PEDESTAL OR PEDESTRIAN
BM	= BENCHMARK	EXIST	= EXISTING	PI	= POINT OF INTERSECTION
BOC	= BACK OF CURB	FG	= FINISHED GRADE	P/L	= PROPERTY LINE
BT	= BOTTOM	FI	= FIRE HYDRANT	PP	= POWER POLE
BRG	= BEARING OR BRIDGE	FL	= FLANGE	PRC	= POINT OF REVERSE CURVE
BVC	= BEGIN VERTICAL CURVE STATION	FO	= FACE OF CURB	PSI	= POUNDS PER SQUARE INCH
BVC2	= BEGIN VERTICAL CURVE ELEVATION	FOC	= FACE OF CURT	PVC	= POLYVINYL CHLORIDE
BVC3	= BEGIN VERTICAL CURVE	FOG	= FACE OF GUTTER	PVI	= POINT OF VERTICAL INTERSECTION
BVC4	= BEGIN VERTICAL CURVE	FT	= FEET, FOOT	PVC	= POINT OF VERTICAL INTERSECTION CURVE
CAG	= CURB & GUTTER	G	= UNDERGROUND NATURAL GAS	PWMT	= PAVEMENT
CB	= CATCH BASIN	GPM	= GALLONS PER MINUTE	R	= RADIUS
CD	= CONTROL DENSITY FILL	GR	= GRADE	RD	= ROAD
CF	= CENTERLINE, CLASS, CLOSE	GV	= GATE VALVE	RJ	= RESTRAINED JOINT
CLR	= CLEARANCE	H	= HIGH, HORIZONTAL	R/R	= RIGHT OF WAY
CM	= CORRUGATED METAL PIPE	HMA	= HOT MIX ASPHALT	S	= SOUTH
COM	= CLEAN OUT	IE	= INVERT ELEVATION	SCH	= SCHEDULE
CONC	= CONCRETE	INV	= INVERT	SD	= STORM DRAIN
CONC	= CONCRETE	IRR	= IRRIGATION	SDB	= STORM DRAIN CATCH BASIN
C/COND	= CONDUIT	J	= JUNCTION	SEP	= SEPARATION
CONST	= CONSTRUCTION LINE	JB	= JUNCTION BOX	SF	= SQUARE FOOT
CSBC	= CRUSHED SURFACE BASE COURSE	JCT	= JUNCTION	SH	= SHOULDER
CSFC	= CRUSHED SURFACE TOP COURSE	L	= LENGTH, ANGLE	SHL	= SHEET
CT	= COURT	LI	= LINEAR FOOT	SI	= STATION INTERSECT
CTV	= CABLE TELEVISION	LN	= LANE	SL	= UNDERGROUND STREET LIGHTING, SLOPE
CY	= CUBIC YARDS	LT	= LEFT	SO	= SQUARE
DOWN	= DOUBLE CHECK VALVE ASSEMBLY	MAX	= MAXIMUM	SS	= SANITARY SEWER
DI	= DUCTILE IRON	M/C	= MECHANICALLY COUPLED	ST	= STREET
DI	= DIAMETER	MJ	= MECHANICAL JOINT	STA	= STATION
DR	= DRINK OR DRIVE	MON	= MONUMENT	STD	= STANDARD
DWG	= DRAWING	MU	= MANHOLE	STL	= STEEL
				SW	= SIDEWALK
				SY	= SQUARE YARD

### GENERAL NOTES

- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE MEANS, METHODS & SEQUENCES OF CONSTRUCTION INCLUDING THE SAFETY OF ALL WORKERS & THE GENERAL PUBLIC.
- NO PUBLIC WATER VALVES OR HYDRANTS SHALL BE OPENED OR CLOSED (OPERATED) BY ANYONE BUT CITY OF RICHLAND STAFF.
- ALL MATERIALS AND WORKMANSHIP SHALL BE IN CONFORMANCE WITH THE MOST CURRENT EDITION OF THE STATE OF WASHINGTON STANDARD SPECIFICATIONS FOR ROAD, BRIDGE & MUNICIPAL CONSTRUCTION.
- ALL TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE LATEST VERSION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS & HIGHWAYS" (MUTCD).
- THE LOCATIONS OF ALL KNOWN EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE PLANS ARE APPROXIMATE ONLY. LOCATIONS ARE BASED ON INFORMATION OBTAINED FROM THE SITE INFORMATION OF RECORD DRAWINGS & INFORMATION PROVIDED TO ENGINEER. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK.
- THE CONTRACTOR SHALL BE REQUIRED TO CALL 811 OR 1-800-424-5555 (NEAREST: WWW.WASHINGTON811.COM) TWO BUSINESS DAYS PRIOR TO COMMENCING ANY EXCAVATION ACTIVITIES TO DETERMINE FIELD LOCATIONS OF ALL UNDERGROUND UTILITIES, AS REQUIRED BY LAW.
- ANY CHANGES OR MODIFICATIONS TO THE PROJECT PLANS SHALL FIRST BE APPROVED BY THE CITY ENGINEER OR HIS/HER REPRESENTATIVE.
- METHODS OF DUST & EROSION CONTROL PROPOSED TO BE USED BY THE CONTRACTOR SHALL BE APPROVED BY THE CITY ENGINEER PRIOR TO ANY CONSTRUCTION ACTIVITIES.
- THE CONTRACTOR SHALL TAKE ANY NECESSARY MEANS TO KEEP FROM TRACKING MUD & DEBRIS ONTO THE EXISTING STREETS, & SHALL ALSO KEEP MUD & ANY OTHER DEBRIS FROM HIS SITE FROM ENTERING THE EXISTING PUBLIC STORM DRAINAGE SYSTEM.
- CONTRACTOR SHALL PROVIDE DETAILED "AS-BUILT" RECORDS SHOWING LOCATION, DEPTH, SIZE & MATERIAL TYPE OF ALL PIPING INSTALLED OR DISCONTINUED DURING CONSTRUCTION OF IMPROVEMENTS.
- CONTRACTOR SHALL COORDINATE SCHEDULED WORK WITH ACTIVITIES TO BE PERFORMED BY UTILITIES & WORK SHOWN TO BE COMPLETED BY "CITY FORCES".
- THE FACE OF CURB SHALL BE STAMPED AT ALL UTILITY CROSSINGS, MAIN LINES, & SERVICE LINES AS FOLLOWS:  
 "S" - SANITARY SEWER  
 "T" - IRRIGATION  
 "W" - WATER  
 "C" - CONDUITS  
 "SD" - STORM DRAIN

Know what's below.  
Call before you dig.

### GENERAL SYMBOLOGY

	= CURB RADI DATA (PLAN VIEW)		= CONSTRUCTION NOTES
	= DETAIL NUMBER		= SHEET LOCATION
	= ARROW INDICATES DIRECTION OF PLAN VIEW NORTH		= UNDERGROUND TELEPHONE
	= TANGENT		= TOP BACK CURB
	= TOP OF BANK, BOLT, BEAM		= TOP OF CURB, CONCRETE
	= TOP OF BANK		= TOP OF FACE
	= TOP OF BANK		= TOP OF WALL
	= TOP OF PIPE		= TOP OF TYP
	= UNITED STATES BUREAU OF RECLAMATION		= UNION PACIFIC RAILROAD
	= VERTICAL CURVE		= VERTICAL
	= VERTICAL POINT OF INTERSECTION		= VERTICAL POINT OF CURVE
	= VERTICAL POINT OF INTERSECT		= VERTICAL POINT OF INTERSECT
	= VERTICAL POINT OF TANGENCY		= WATER, WEST, WIDE, WIRE
	= WATER, WEST, WIDE, WIRE		= WESTBOUND
	= WASHINGTON STATE DEPARTMENT OF TRANSPORTATION		= WASHINGTON STATE STANDARD SPECIFICATIONS
	= WELDED WIRE FABRIC		= WIDE

### ABBREVIATION NOTES

- THESE ABBREVIATIONS APPLY TO THE ENTIRE SET OF CONTRACT DRAWINGS.
- LISTING OF ABBREVIATIONS DOES NOT IMPLY ALL ARE USED IN THE CONTRACT DRAWING.
- ABBREVIATIONS SHOWN ON THIS SHEET INCLUDE VARIATIONS OF THE WORD. FOR EXAMPLE, "MUD" MAY MEAN MUDIFY OR MODIFICATION; "MUD" MAY MEAN INCLUDED OR INCLUDING; "TREN" MAY MEAN EITHER TRENCH OR TRENCHING.
- SCREENING OR SHADING OF WORK IS USED TO INDICATE EXISTING COMPONENTS OR TO DE-EMPHASIZE PROPOSED IMPROVEMENTS TO HIGHLIGHT SELECTED TRADE WORK. REFER TO CONTEXT OF EACH SHEET FOR USAGE.

### SURVEY NOTES

- TOPOGRAPHIC SURVEY PREPARED BY CITY OF RICHLAND
- VERTICAL DATUM: NAVD83  
HORIZONTAL DATUM: NAD83  
BENCHMARKS ARE CONTROL MONUMENTS: SEE PLAN SHEETS

**CITY OF RICHLAND**  
PUBLIC WORKS DEPARTMENT  
FLOOD CONTROL DIVISION

---

**Columbia Park Trail East Improvements**  
(Riviera St. to River Avenue Drive)

LEGEND, ABBREVIATIONS and GENERAL NOTES

---

AT 10% SCALE SEE IF NOT OTHERWISE NOTED

CAD FILE: [blank]  
 CONTRACT NO.: [blank]  
 SHEET NO.: [blank]  
 DATE: [blank]  
 DRAWN BY: [blank]  
 CHECKED BY: [blank]  
 RECORD ENGINEER: [blank]

**SHT**  
OF  
**08**

60% REVIEW  
SUBMITTAL



**COLUMBIA PARK TRAIL  
KBY MAP**  
NOT TO SCALE




**CITY OF RICHLAND**  
PUBLIC WORKS DEPARTMENT  
CONSTRUCTION DIVISION

**Columbia Park Trail East Improvements**  
(Pavement to Roadway Driv)

KEY MAP INDEX

DATE: 01-11-2020  
DRAWN BY: LD  
CHECKED BY: SA  
RECORD DWG: 03-01

PROJECT NO: 156-01  
SHEET NO: 03 OF 09

SCALE: AS SHOWN  
CONTRACT NO: 156-01  
DATE: 01-11-2020  
DRAWN BY: LD  
CHECKED BY: SA  
RECORD DWG: 03-01

**60% REVIEW  
SUBMITTAL**



**CITY OF RICHLAND**  
 PUBLIC WORKS DEPARTMENT  
 PROJECT NO. 15-0000000000  
 REVISION

**Columbia Park Trail East Improvements**  
 (Riverside St. to River Avenue Driv.)  
 Typical Road Sections

DATE: 11/11/2015  
 TIME: 10:00 AM  
 DRAWN BY: JLD  
 CHECKED BY: JLD  
 RECORD ENGINEER: BLS/BB

60% REVIEW  
 SUBMITTAL

ONE INCH = 10 FEET

AT FULL SCALE IN NOT ONE INCH SCALE ACCORDANCE

CAD FILE: Columbia Park Trail East Improvements.dwg

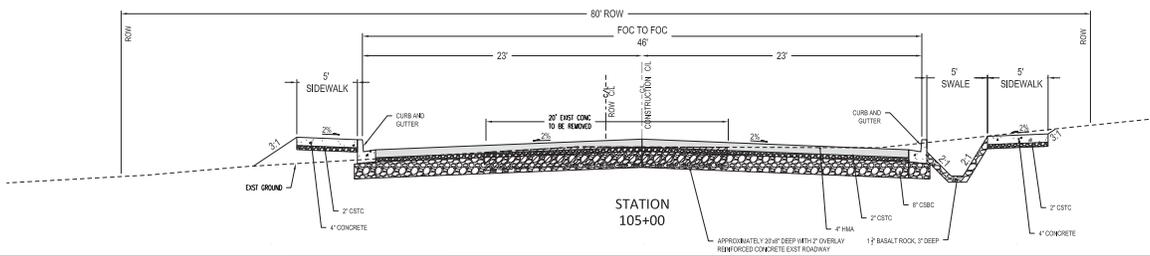
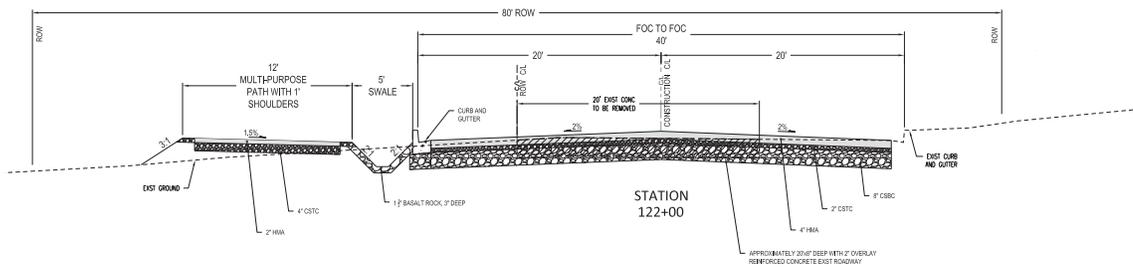
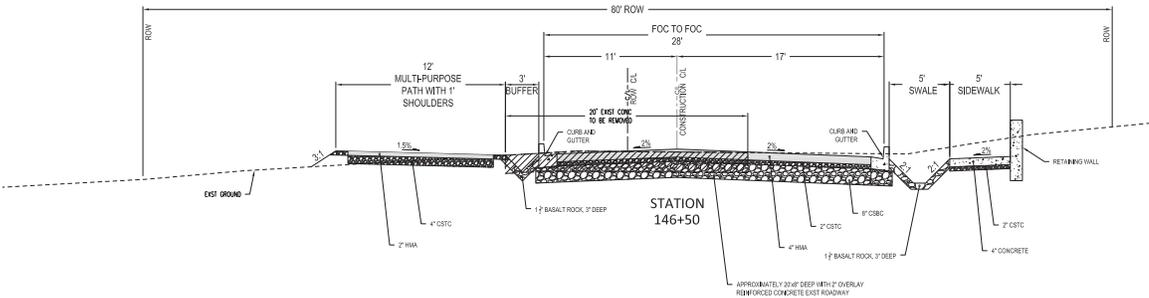
CONTRACT NO.: SE 15-1177

SHEET: 2 OF 28

DATE: 11/11/2015

RECORD ENGINEER: BLS/BB

SHEET: 04 OF 04



HMA CORE INFORMATION (SEE C SHEET FOR LOCATIONS)

SAMPLE NUMBER	1	2	3	4	5	6	7	8	9	10	11
STATION	106+10.00	109+60.00	113+10.00	116+60.00	120+10.00	123+60.00	127+10.00	130+60.00	134+10.00	137+59.00	141+09.00
OFFSET	7' RT	0	18' LT	0	15' RT	0	13' LT	0	25' RT	0	18' LT
SAMPLE DATE	10-05-19	10-05-19	10-12-19	10-05-19	10-05-19	10-05-19	10-12-19	10-05-19	10-12-19	10-12-19	10-12-19
HMA (INCHES)	8-1/2	1-3/8	3	1-3/4	6-1/2	1-3/4	4	2	3	2	3
HMA LAYERS	5	1	3	1	3	1	3	1	2	2	3
CONCRETE THICKNESS	N/A	7-1/8	N/A	6-3/4	N/A	6-3/4	N/A	6-3/4	N/A	6 1/4	N/A
REBAR DEPTH	N/A	4	-	N/A	N/A	4-1/2	-	N/A	-	N/A	-
CRUSHED AGGREGATE	-	-	2" CSTC	-	-	-	2" CSTC	-	2" CSTC	-	2" CSTC
SUBGRADE SOIL	COBBLES	COBBLES	COBBLES	COBBLES	CEMENT OR CLAY	COBBLES	COBBLES	COBBLES	COBBLES	COBBLES	COBBLES

SAMPLE NUMBER	12	13	14	15	16	17	18	19	20	21
STATION	144+60.00	148+10.00	151+61.00	155+10.00	158+60.00	162+08.00	165+58.00	169+09.00	172+57.00	136+00.00
OFFSET	6,5' LT	16,7' LT	5,3' RT	5' LT	14,8' LT	0	14,7' RT	4,7' RT	16' LT	23' LT
SAMPLE DATE	10-12-19	10-12-19	10-12-19	10-12-19	10-12-19	10-12-19	10-12-19	10-12-19	10-12-19	10-12-19
HMA (INCHES)	5	3 1/4	2	2 3/8	3 1/2	3/4	1 1/4	N/A	2	3 3/4
HMA LAYERS	3	3	2	2	2	1	2	N/A	2	3
CONCRETE THICKNESS	3 1/2	N/A	7	7 1/2	N/A	6 3/4	N/A	6 3/4	N/A	N/A
REBAR DEPTH	-	-	N/A							
CRUSHED AGGREGATE	CSTC PATCH	2" CSTC	N/A	N/A	2" CSTC	N/A	2" CSTC	N/A	2" CSTC	2" CSTC
SUBGRADE SOIL	COBBLES	COBBLES	COBBLES	COBBLES	COBBLES	COBBLES	COBBLES	COBBLES	COBBLES	COBBLES

\*INDICATES INDIVIDUAL LIFTS OF HMA THAT DISINTEGRATED DURING SAMPLING



CITY OF RICHLAND  
PUBLIC WORKS DEPARTMENT  
REVISION

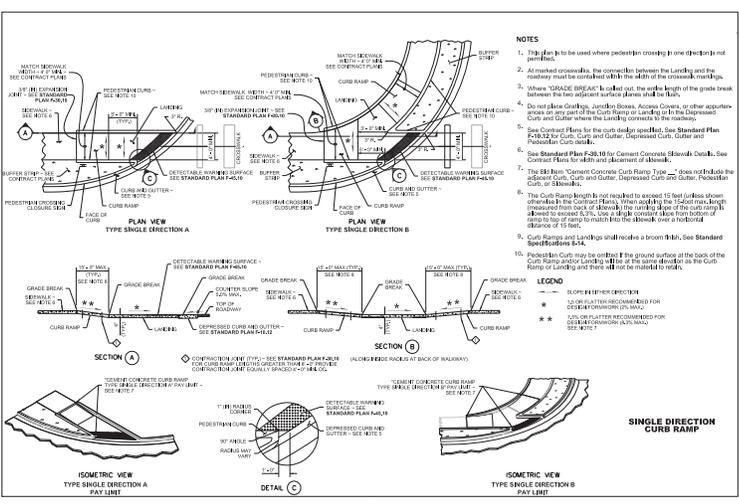
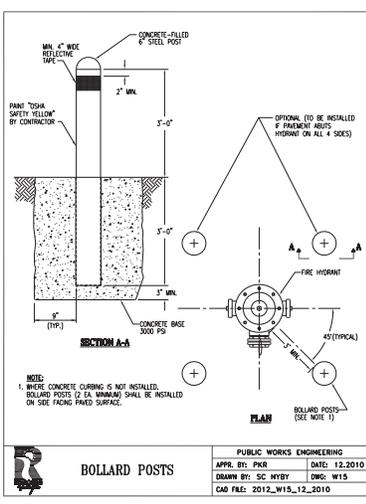
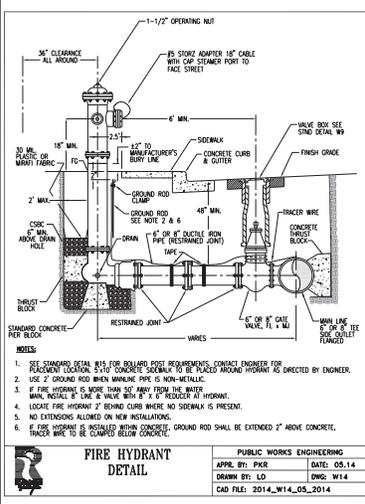
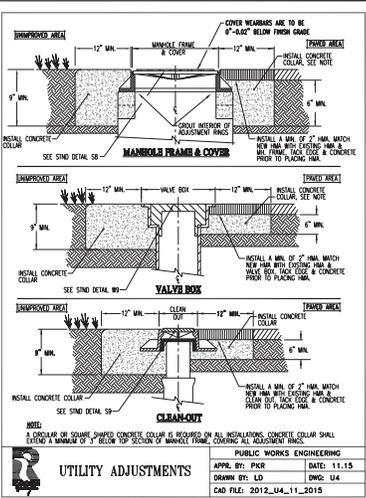
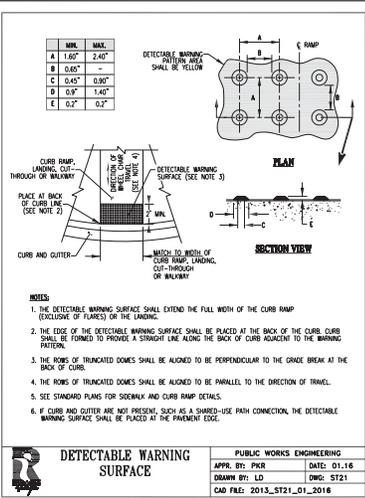
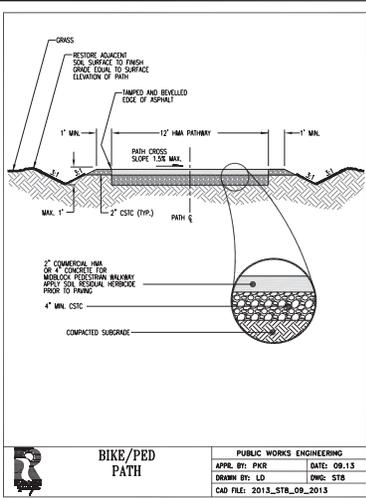
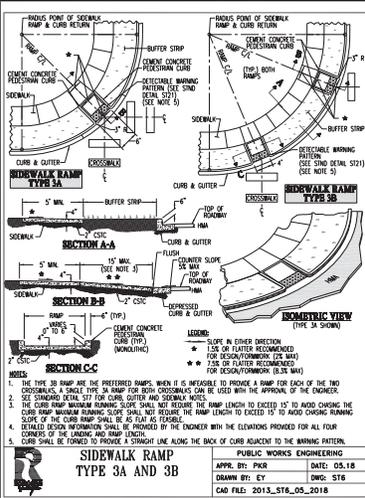
Columbia Park Trail East Improvements  
(Riverside St. to River Avenue Dr.)  
Cutting Information

DATE	10/12/19
BY	JM
DATE	10/12/19
BY	JM
DATE	10/12/19
BY	JM
DATE	10/12/19
BY	JM

05 OF 09

60% REVIEW SUBMITTAL





**CITY OF RICHLAND**  
 PUBLIC WORKS DEPARTMENT  
 DESIGN DIVISION

**Columbia Park Trail East Improvements**  
 (North St. to River Avenue Dr.)

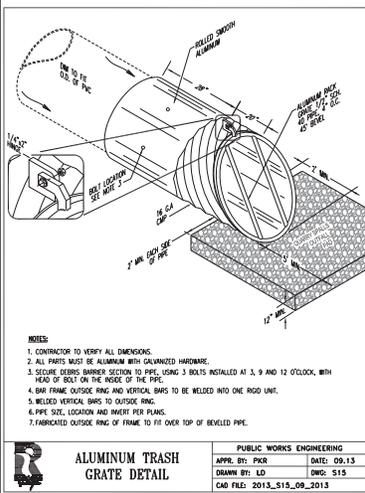
60% REVIEW SUBMITTAL

CONSTRUCTION DETAILS

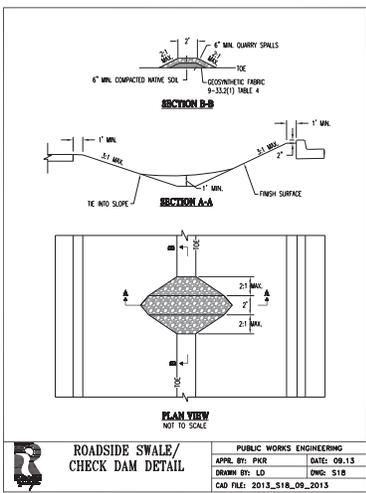
07 OF 09 SHEET



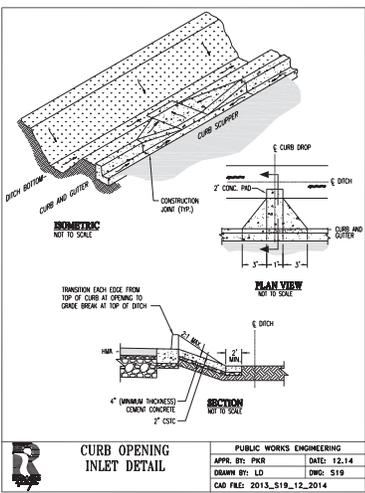




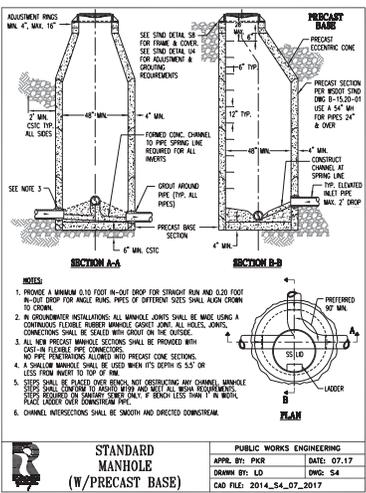
**ALUMINUM TRASH GRATE DETAIL**  
 PUBLIC WORKS ENGINEERING  
 APPR. BY: PKR DATE: 09.13  
 DRAWN BY: LD DWG: 519  
 CAD FILE: 2013\_519\_09\_2013



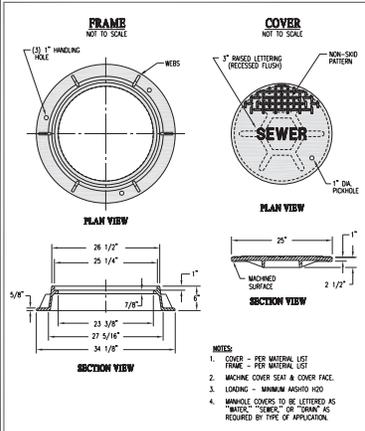
**ROADSIDE SWALE/CHECK DAM DETAIL**  
 PUBLIC WORKS ENGINEERING  
 APPR. BY: PKR DATE: 09.13  
 DRAWN BY: LD DWG: 518  
 CAD FILE: 2013\_518\_09\_2013



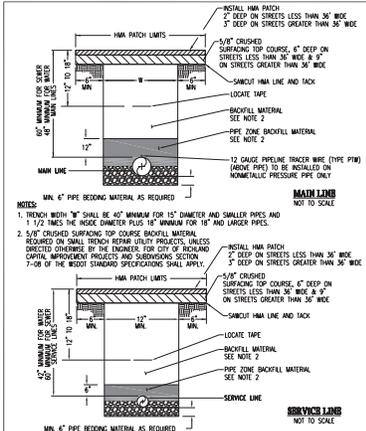
**CURB OPENING INLET DETAIL**  
 PUBLIC WORKS ENGINEERING  
 APPR. BY: PKR DATE: 12.14  
 DRAWN BY: LD DWG: 519  
 CAD FILE: 2013\_519\_12\_2014



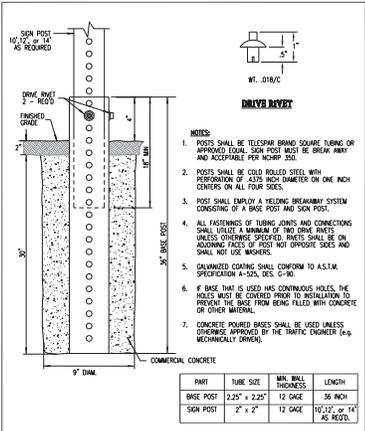
**STANDARD MANHOLE (W/PRECAST BASE)**  
 PUBLIC WORKS ENGINEERING  
 APPR. BY: PKR DATE: 07.17  
 DRAWN BY: LD DWG: 54  
 CAD FILE: 2014\_54\_07\_2017



**MANHOLE FRAME AND COVER**  
 PUBLIC WORKS ENGINEERING  
 APPR. BY: PKR DATE: 03.2018  
 DRAWN BY: EY DWG: 58  
 CAD FILE: 2012\_58\_03\_2018

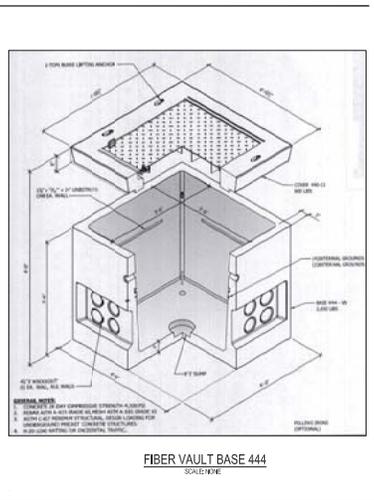
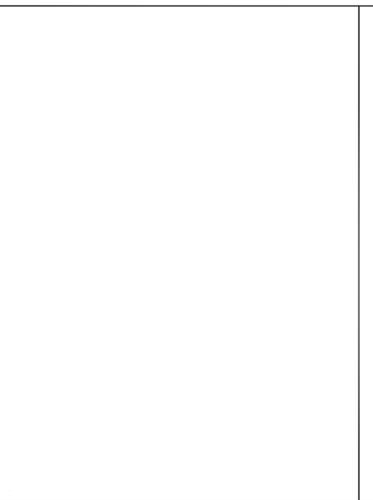
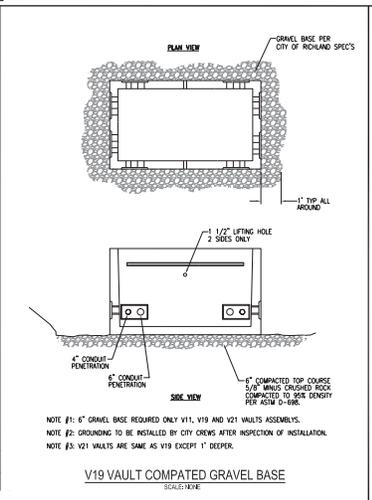
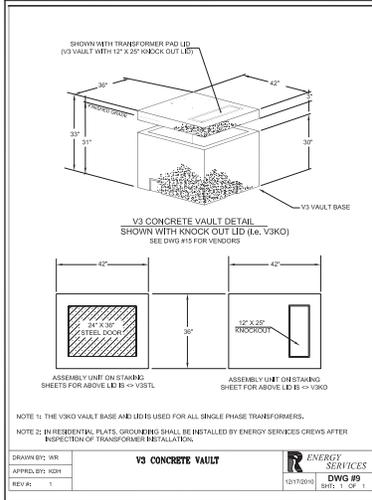
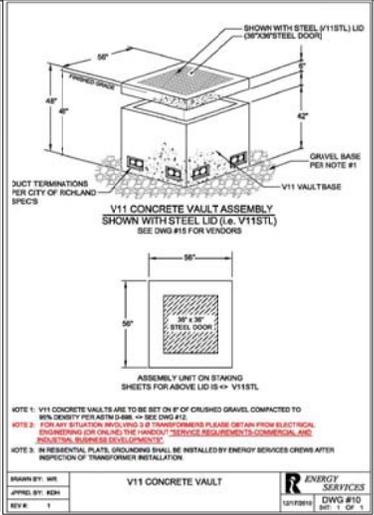
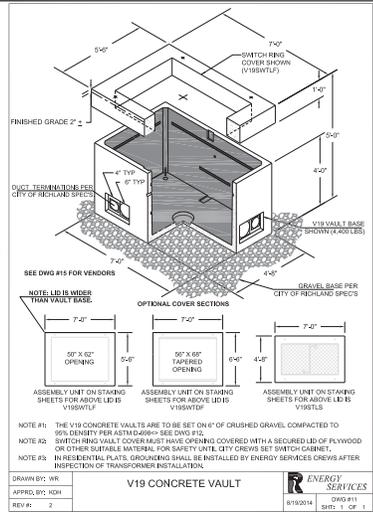
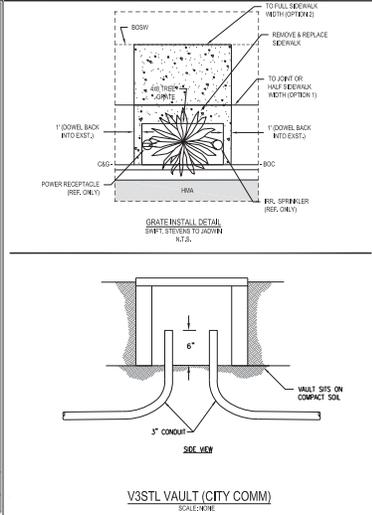
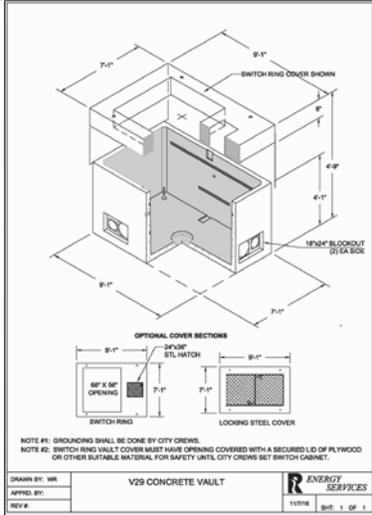


**TRENCH DETAIL**  
 PUBLIC WORKS ENGINEERING  
 APPR. BY: PKR DATE: 05.14  
 DRAWN BY: LD DWG: 123  
 CAD FILE: 2014\_123\_05\_2014



**TYPICAL SIGN POST**  
 PUBLIC WORKS ENGINEERING  
 APPR. BY: PKR DATE: 06.18  
 DRAWN BY: EY DWG: 5723  
 CAD FILE: 2018\_5723\_06\_2018

**Richland**  
 PUBLIC WORKS ENGINEERING  
 CITY OF RICHLAND  
 PUBLIC WORKS ENGINEERING  
 60% REVIEW SUBMITTAL  
 Columbia Park Trail East Improvements  
 (Route 56 to River Avenue Driv)  
 Construction Details  
 SHEET 10 OF 09



**City of Richland**  
PUBLIC WORKS DEPARTMENT  
CONSTRUCTION DIVISION

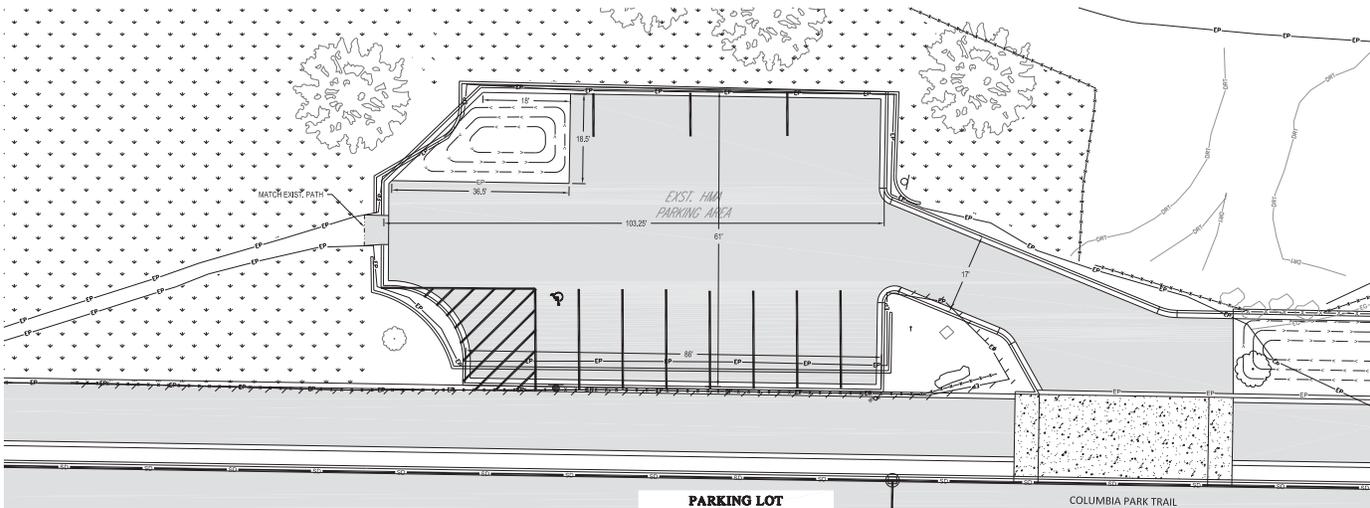
**60% REVIEW SUBMITTAL**

**Columbia Park Trail East Improvements**  
(Riverside St. to River Avenue Drive)

CONSTRUCTION DETAILS

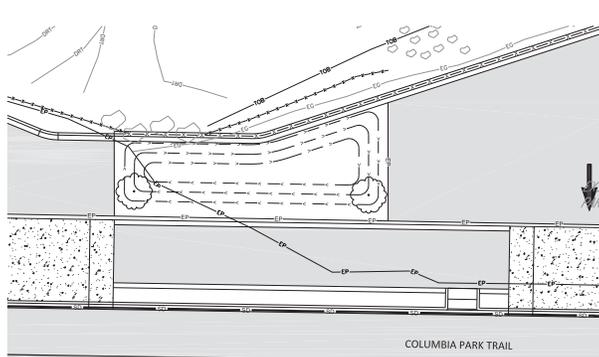
DATE: 11/15/16  
SHEET 11 OF 108

11 OF 108



**PARKING LOT  
PLAN VIEW**

SCALE:  
1"=10' (22:54), 1"=20' (11:17)



**PARKING LOT SWALE  
PLAN VIEW**

SCALE:  
1"=10' (22:54), 1"=20' (11:17)

60% REVIEW  
SUBMITTAL



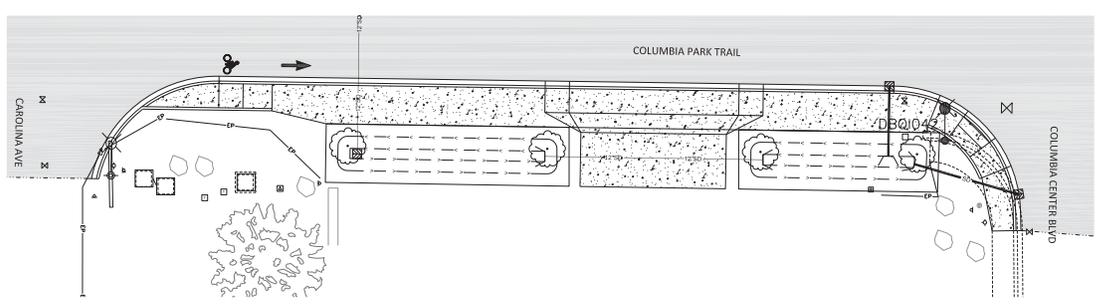
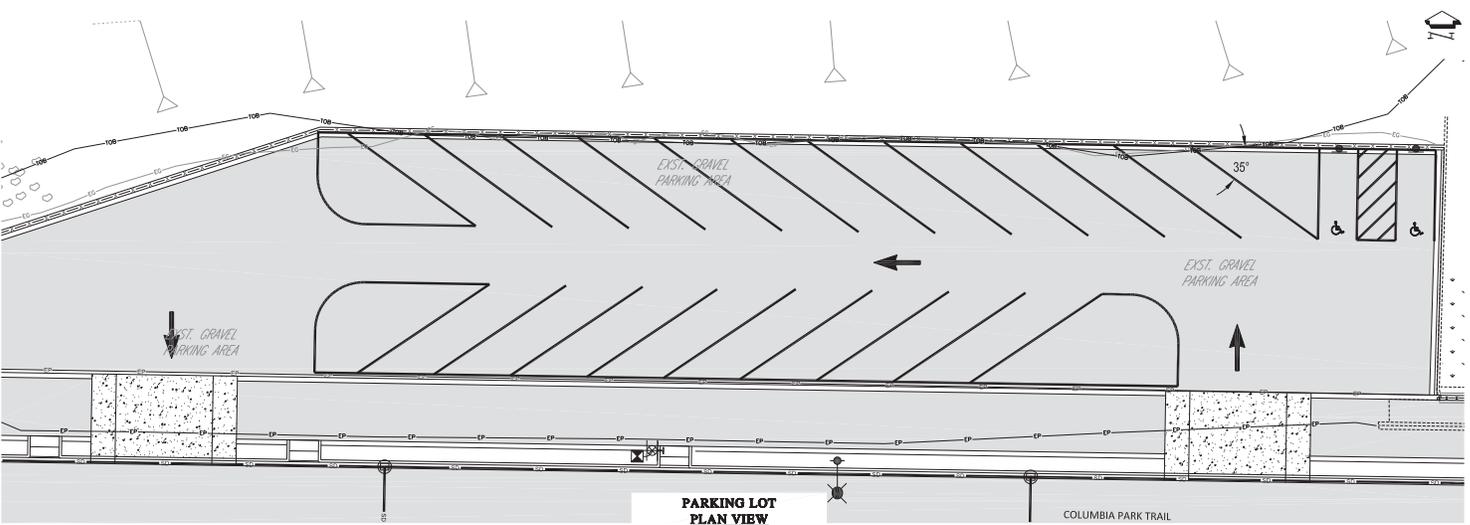
**CITY OF RICHLAND**  
PUBLIC WORKS DEPARTMENT  
REVISION

**Columbia Park Trail East Improvements**  
(From St. to River Avenue Driv.)  
Parking Lot and Swale Detail

NO.	DESCRIPTION	DATE

DTL-01  
OF  
09

CAD DWG	DATE
DATE	
CONTRACT NO.	
DATE	
DESIGN BY	
CHECK BY	
RECORD DWG.	
SHEET	



**CITY OF RICHLAND**  
 PUBLIC WORKS DEPARTMENT  
 REVISION

NO.	DESCRIPTION	BY	DATE

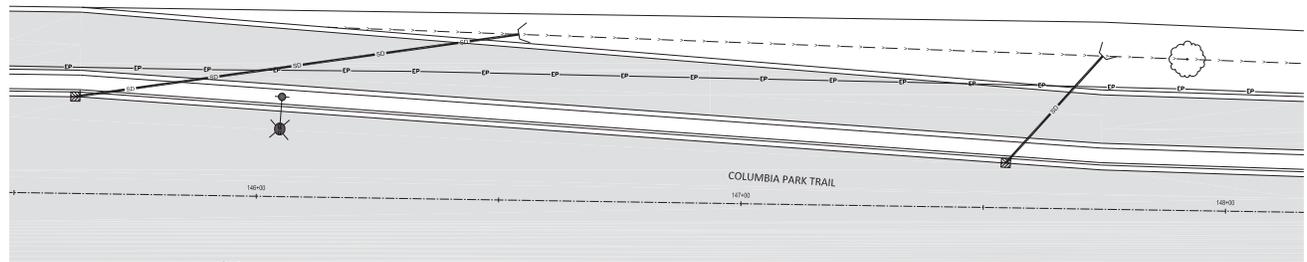
**Columbia Park Trail East Improvements**  
 (From S. to River Avenue Driv.)  
 Parking lot and Swale Detail

PROJECT NUMBER: 2017-001  
 SHEET NUMBER: 02 OF 02

DATE: 08/11/2017  
 DRAWN BY: LD  
 CHECKED BY: SKA  
 RECORD ENG: BLS/BB

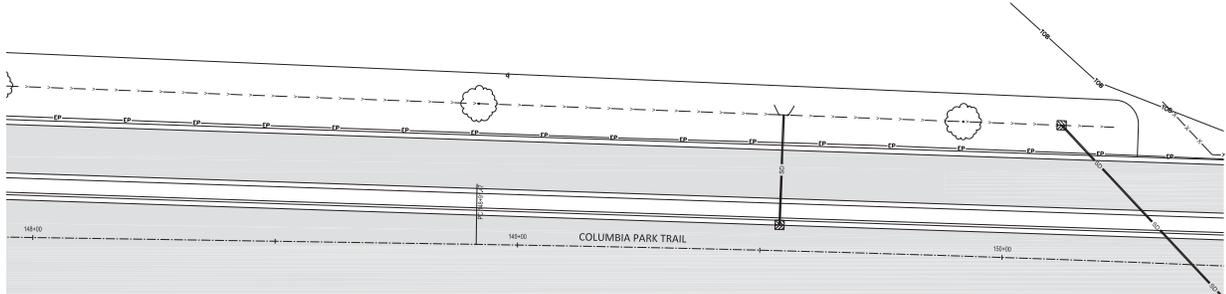
SHEET: DTL-02 OF 02

60% REVIEW SUBMITTAL



**SWALE  
PLAN VIEW**

SCALE:  
1"=10' (22-34), 1"=20' (11x17)



**SWALE  
PLAN VIEW**

SCALE:  
1"=10' (22-34), 1"=20' (11x17)

**CITY OF RICHLAND**  
PUBLIC WORKS DEPARTMENT

**Columbia Park Trail East Improvements**  
(From S. to River Avenue Driv.)

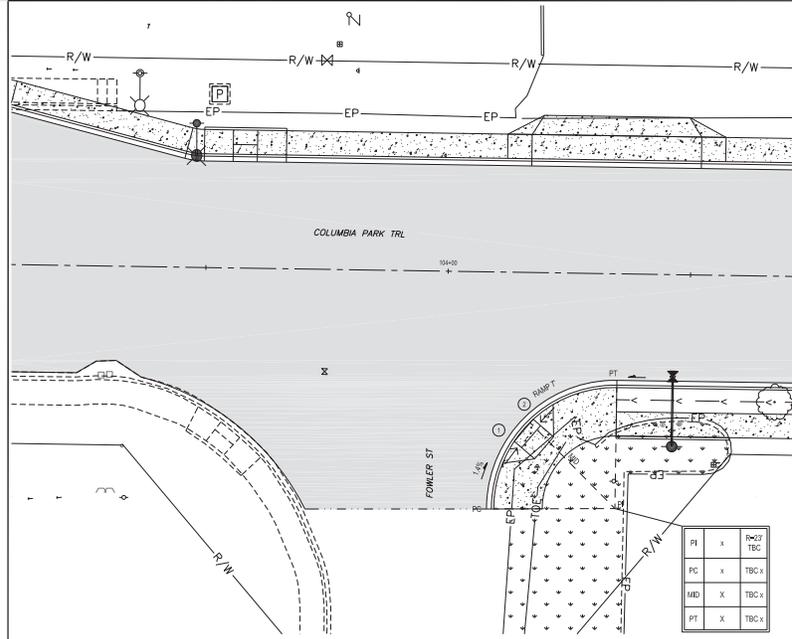
AT FULL SCALE IF NOT OTHERWISE NOTED  
SCALE AS SHOWN

CAD: DMC  
DATE: 02-11-2020  
CONTRACT NO.: DC-2020  
DESIGNER: LD  
CHECKER: SK  
RECORD DWG: BLS/BB  
SHEET

**DTL-03**  
OF **09**

**60% REVIEW  
SUBMITTAL**





**COLUMBIA PARK TRAIL AND FOWLER ST INTERSECTION DETAIL**

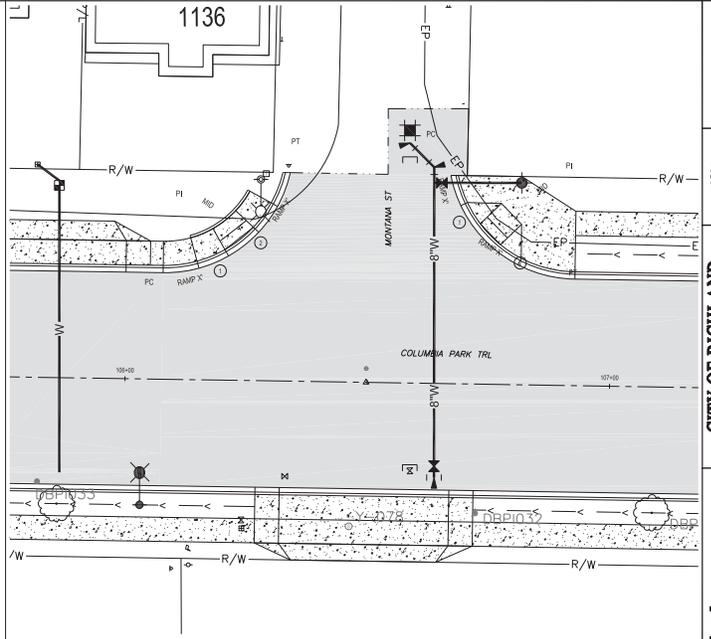
SCALE: 1"=10' (20/34) 1"=20' (11x17)

PI	X	TBC
PC	X	TBC X
MID	X	TBC X
PT	X	TBC X

TYPE 2B SIDEWALK RAMP

STATION	OFFSET
XX	X
X	X

NOTES:  
 1. ALL RAMP LENGTHS ARE AT FACE OF CURB.  
 2. ALL UTILITY ADJUSTMENTS, IMPROVEMENTS AND REPAIRS AND SIGN RELOCATIONS ARE SHOWN ON C SHEETS.



**COLUMBIA PARK TRAIL AND MONTANA ST INTERSECTION DETAIL**

SCALE: 1"=10' (20/34) 1"=20' (11x17)




**CITY OF RICHLAND**

PROJECT: COLUMBIA PARK TRAIL  
 PHASE: IMPROVEMENTS  
 REVISION: 1

**Columbia Park Trail East Improvements**  
 (Fowler St. to River Avenue Dr.)  
 Intersection and ADA Ramp Detail

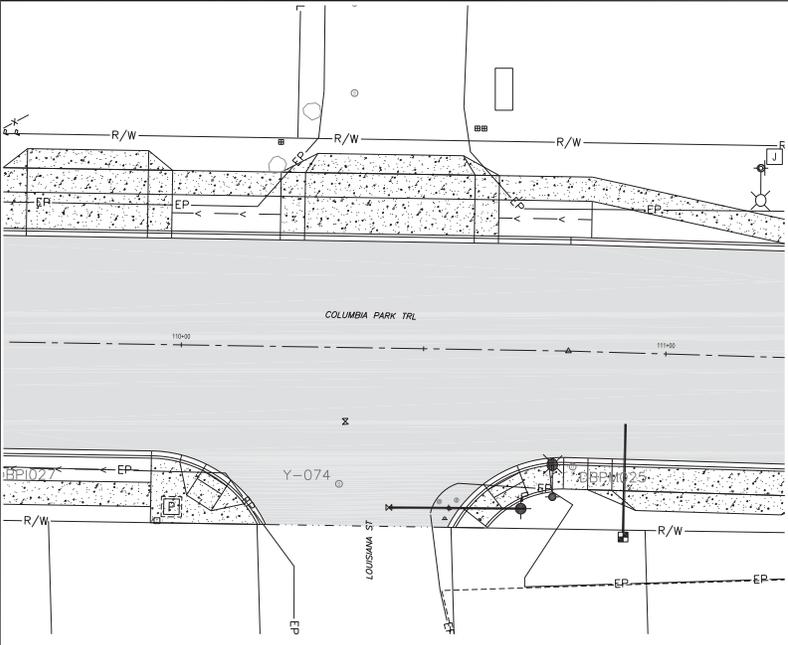
PROJECT NO. 18-001  
 SHEET NO. INT-01 OF 01

DATE: 08/11/2018  
 DRAWN BY: LD  
 CHECKED BY: SKA  
 RECORD ENG: SBA/EP

SCALE: AS SHOWN  
 SHEET: INT-01

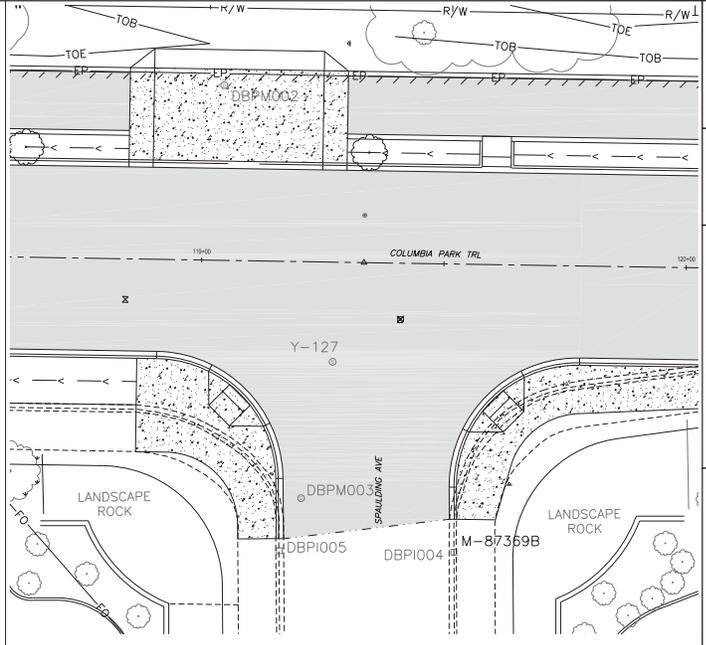
60% REVIEW  
SUBMITTAL

**INT-01**  
OF  
**01**



**COLUMBIA PARK TRAIL AND LOUISIANA ST  
INTERSECTION DETAIL**

SCALE  
1"=10' (20:30) 1"=20' (11x17)



**COLUMBIA PARK TRAIL AND SPAULDING AVE  
INTERSECTION DETAIL**

SCALE  
1"=10' (20:30) 1"=20' (11x17)

**NOTES**  
1. ALL RAMP LENGTHS ARE AT FACE OF CURB.  
2. ALL UTILITY ADJUSTMENTS, IMPROVEMENTS  
AND REPAIRS AND SIGN RELOCATIONS ARE  
SHOWN ON C SHEETS.




**CITY OF RICHLAND**

PUBLIC WORKS DEPARTMENT

REVISION

NO.	DATE	DESCRIPTION

**Columbia Park Trail East Improvements**  
*(North St. to River Avenue Driv.)*

**Intersection and Aft Ramp Detail**

SECTION NO. 10011 (GENERAL AND PROJECT NUMBER)  
DATE: 07/27/2020

1"=10' (20:30) 1"=20' (11x17)

AT FULL SIZE IF NOT ONE INCH  
SCALE ACCORDINGLY

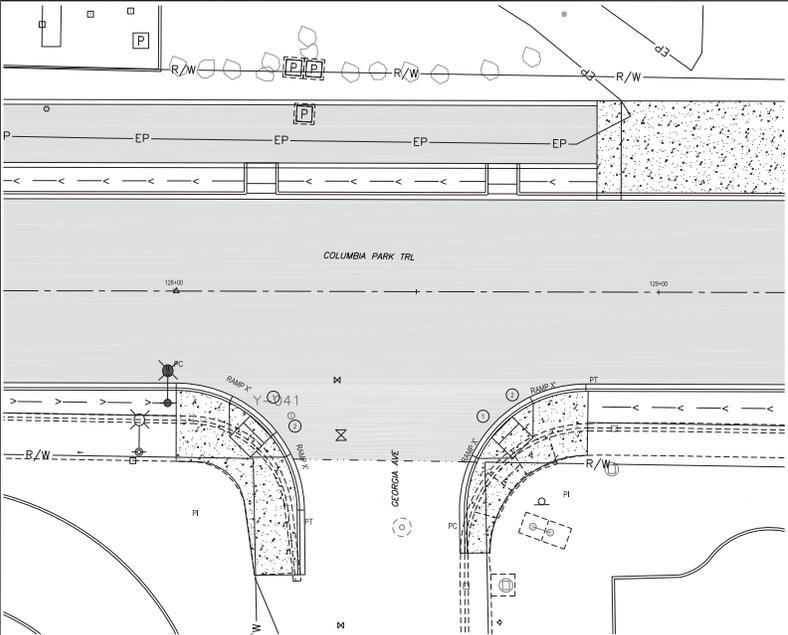
CAD DWG	DATE	BY	CHK	DATE
CONTRACT NO.				
SHEET				
DRAWN BY				
CHECKED BY				
RECORD DWG.				

SHEET

**INT-02**

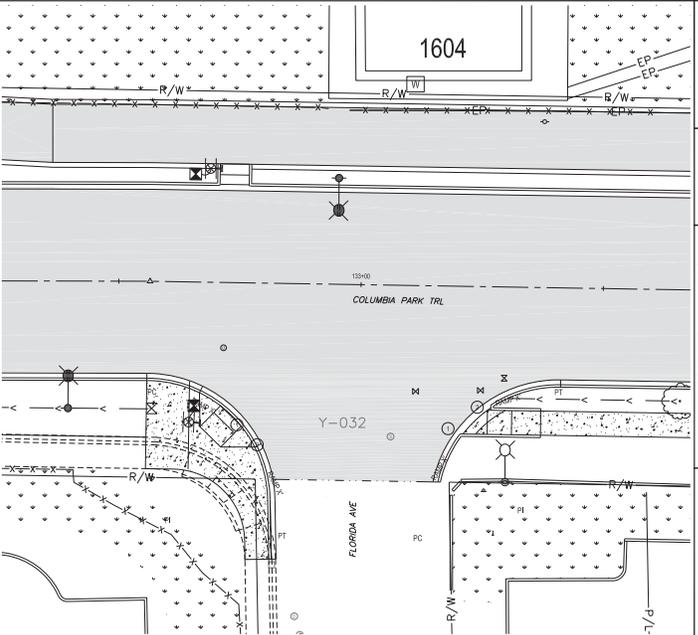
OF

60% REVIEW  
SUBMITTAL



**COLUMBIA PARK TRAIL AND GEORGIA AVE  
INTERSECTION DETAIL**

SCALE  
1"=10' (22.94) 1"=20' (11x17)



**COLUMBIA PARK TRAIL AND FLORIDA AVE  
INTERSECTION DETAIL**

SCALE  
1"=10' (22.94) 1"=20' (11x17)

- NOTES**
1. ALL RAMP LENGTHS ARE AT FACE OF CURB.
  2. ALL UTILITY ADJUSTMENTS, IMPROVEMENTS AND REPAIRS AND SIGN RELOCATIONS ARE SHOWN ON C SHEETS.



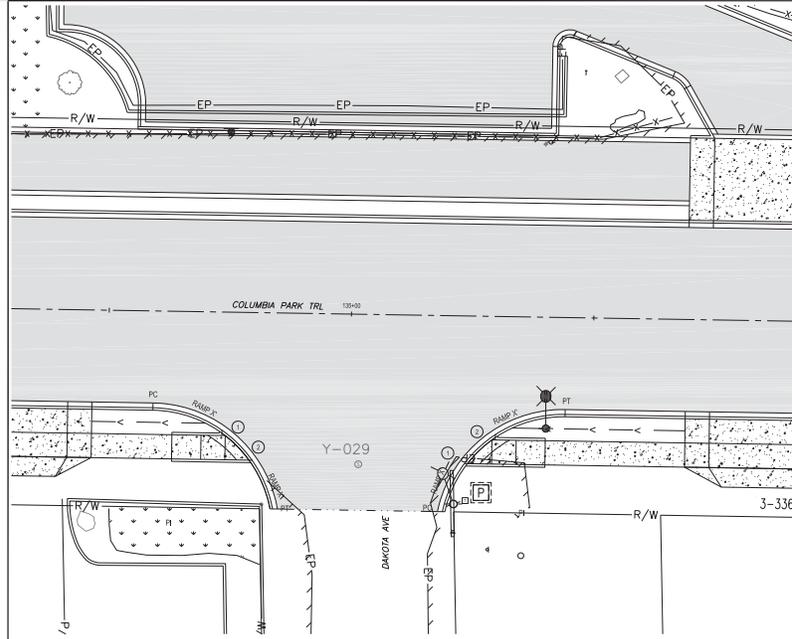

<b>CITY OF RICHLAND</b>	<b>PROJECT</b>
<b>PUBLIC WORKS</b>	<b>REVISION</b>
<b>Columbia Park Trail East Improvements</b>	<b>NO.</b>
<i>(Refer to "Revised Memo Dry")</i>	<b>DATE</b>
<b>Intersection and ADA Ramp Detail</b>	<b>DESCRIPTION</b>
<b>REVISION NO.</b>	<b>DATE</b>
<b>NO.</b>	<b>NO.</b>

**Columbia Park Trail East Improvements**  
*(Refer to "Revised Memo Dry")*  
**Intersection and ADA Ramp Detail**

1"=10' (22.94) 1"=20' (11x17)

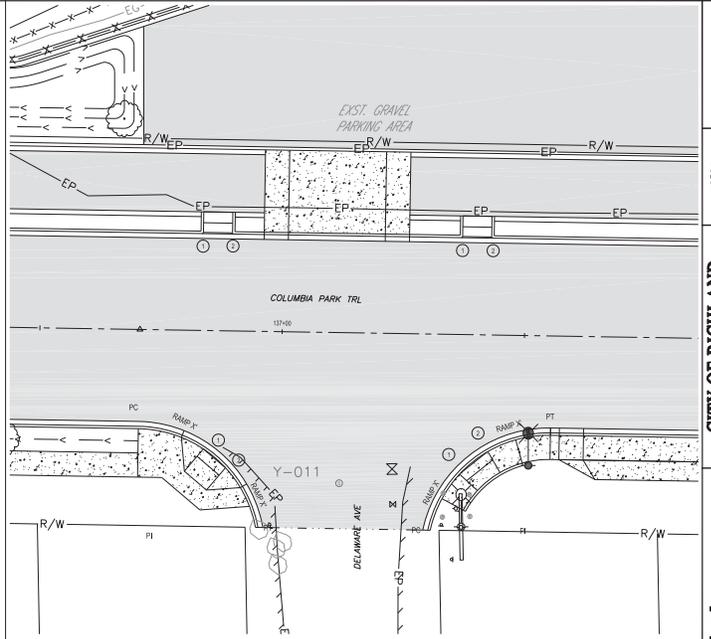
60% REVIEW  
SUBMITTAL

**INT-03**  
OF  
**08**



**COLUMBIA PARK TRAIL AND DAKOTA AVE  
INTERSECTION DETAIL**

SCALE:  
1"=10' (22.86) 1"=20' (11.43)



**COLUMBIA PARK TRAIL AND DELAWARE AVE  
INTERSECTION DETAIL**

SCALE:  
1"=10' (22.86) 1"=20' (11.43)

**NOTES**

1. ALL RAMP LENGTHS ARE AT FACE OF CURB.
2. ALL UTILITY ADJUSTMENTS, IMPROVEMENTS AND REPAIRS AND SIGN RELOCATIONS ARE SHOWN ON C SHEETS.



**CITY OF RICHLAND**  
PUBLIC WORKS DEPARTMENT  
REVISION

NO.	DESCRIPTION	DATE

**Columbia Park Trail East Improvements**  
(From S. to West Avenue Drive)  
Intersection and Adj Ramp Detail

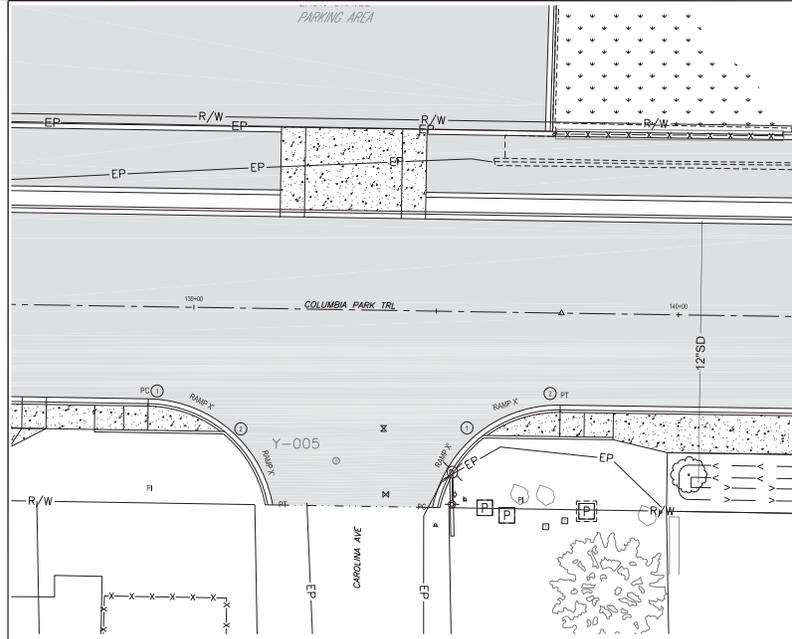
PROJECT NO. 22-04  
SHEET NO. INT-04 OF 04

NO.	DATE	BY	DESCRIPTION

1"=10' (22.86) 1"=20' (11.43)  
SHEET

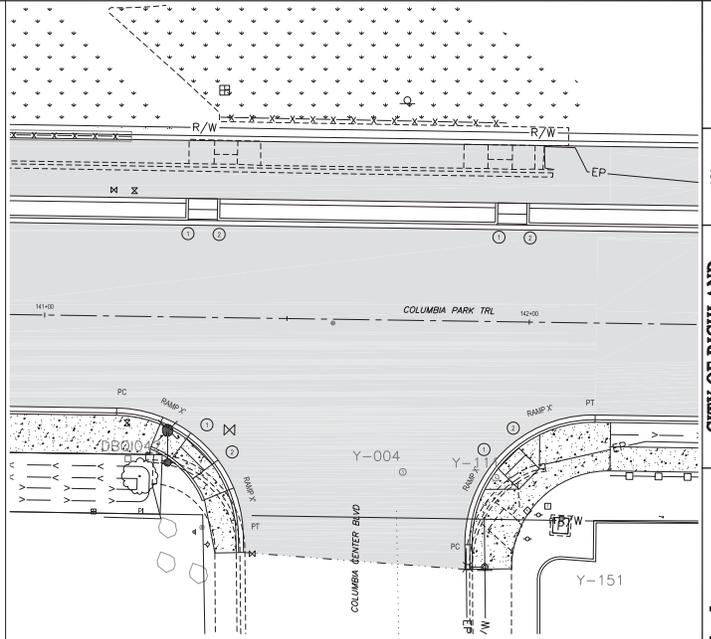
**INT-04**  
OF  
**04**

**60% REVIEW  
SUBMITTAL**



**COLUMBIA PARK TRAIL AND CAROLINA AVE  
INTERSECTION DETAIL**

SCALE:  
1"=10' (22.86) 1"=20' (11.43)



**COLUMBIA PARK TRAIL AND COLUMBIA CENTER BLVD  
INTERSECTION DETAIL**

SCALE:  
1"=10' (22.86) 1"=20' (11.43)

**NOTES:**

1. ALL RAMP LENGTHS ARE AT FACE OF CURB.
2. ALL UTILITY ADJUSTMENTS, IMPROVEMENTS AND REPAIRS AND SIGN RELOCATIONS ARE SHOWN ON C SHEETS.



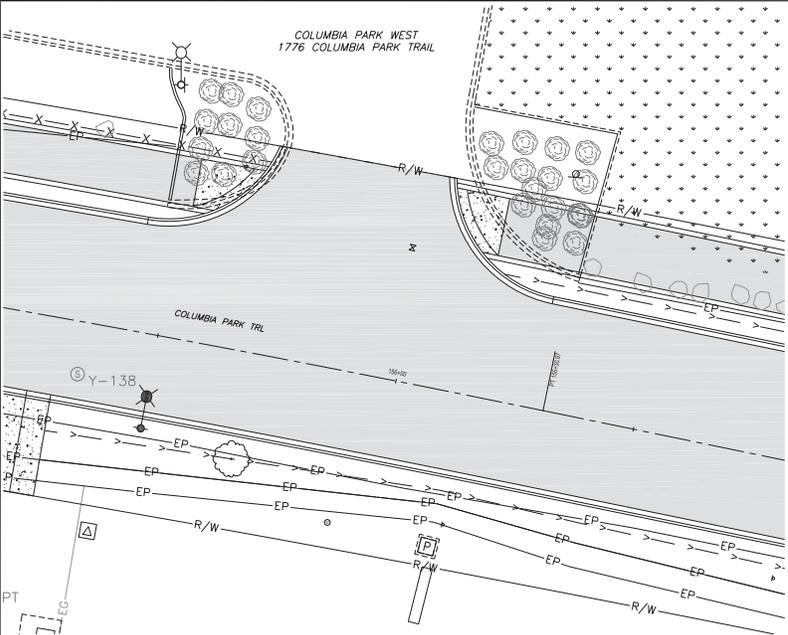
CITY OF RICHLAND	PROJECT NO.	DATE
PUBLIC WORKS DEPARTMENT	REVISION	BY
	DESCRIPTION	NO.

**Columbia Park Trail East Improvements**  
(Perkins & Reed Avenue Dr.)  
Intersection and ADA Ramp Detail

CAD DWG	DATE
CONTRACT NO.	DATE
DRAWN BY	DATE
CHECKED BY	DATE
RECORD DWG	DATE

SHEET  
**INT-05**  
OF  
**08**

**60% REVIEW  
SUBMITTAL**



**COLUMBIA PARK TRAIL AND COLUMBIA PARK WEST ENTRANCE INTERSECTION DETAIL**



SCALE:  
1"=10' (22.86) 1"=20' (11.43)

**NOTES:**

1. ALL RAMP LENGTHS ARE AT FACE OF CURB.
2. ALL UTILITY ADJUSTMENTS, IMPROVEMENTS AND REPAIRS AND SIGN RELOCATIONS ARE SHOWN ON C SHEETS.



**CITY OF RICHLAND**

PROJECT	DATE
REVISION	BY
DESCRIPTION	DATE

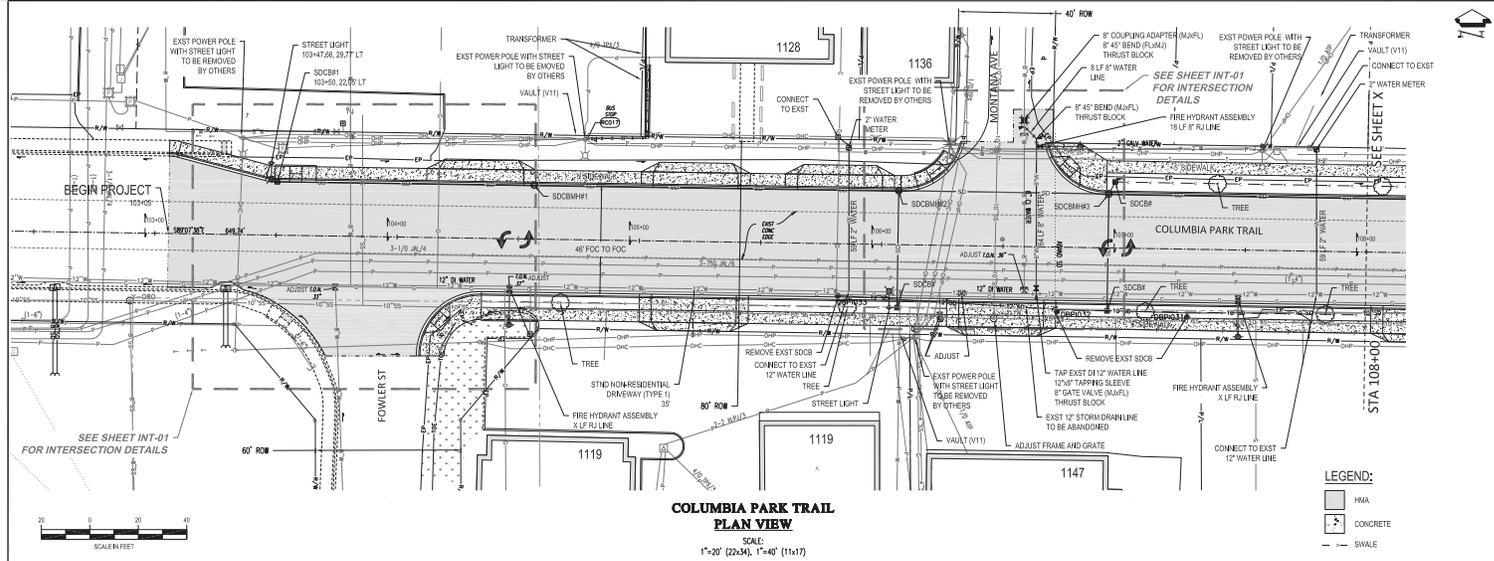
**Columbia Park Trail East Improvements**  
(*From S. to Reed Avenue Dr.*)

INTERSECTION AND ADA RAMP DETAIL
PROJECT NO. 100000000000000
SHEET NO. 06

CAD DWG	DATE
CONTRACT NO.	SCALE
DRAWN BY	DATE
CHECKED BY	DATE
RECORD DWG	DATE

INT-06  
OF  
06

60% REVIEW  
SUBMITTAL

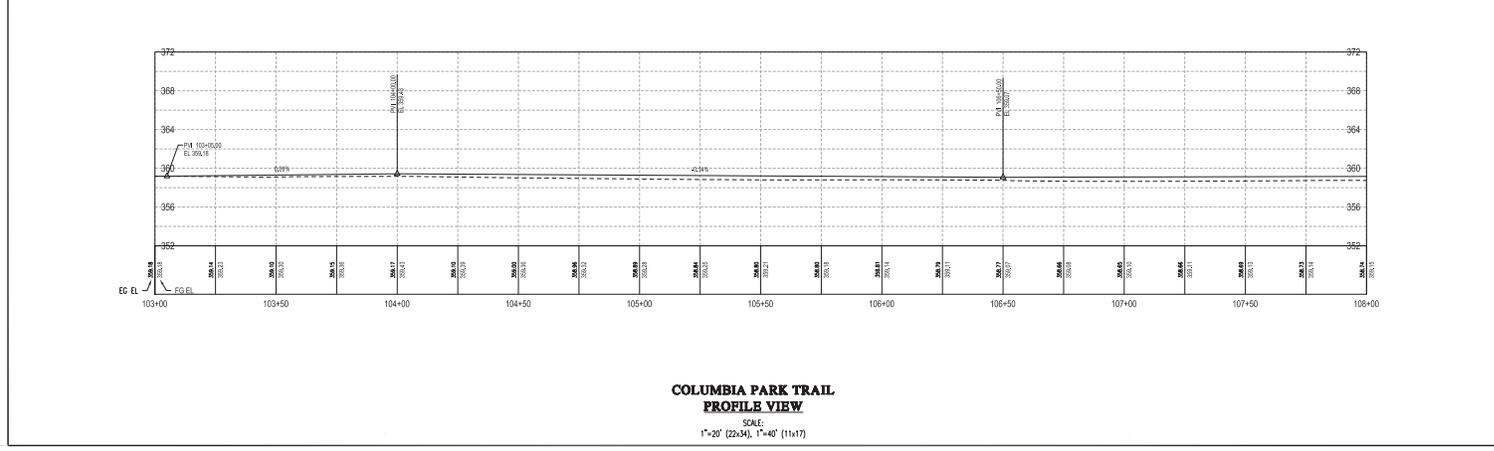


**COLUMBIA PARK TRAIL  
PLAN VIEW**

SCALE:  
1"=20' (22-34), 1"=40' (11x17)

**LEGEND:**  

 HRA  
 CONCRETE  
 SWALE



**COLUMBIA PARK TRAIL  
PROFILE VIEW**

SCALE:  
1"=20' (22-34), 1"=40' (11x17)




**CITY OF RICHLAND**  
 PUBLIC WORKS DEPARTMENT  
 PROJECT NO. 2018-001  
 REVISION

**Columbia Park Trail East Improvements**  
*(Fowler St. to River Avenue Driv.)*  
 Plan and Profile

60% REVIEW SUBMITTAL

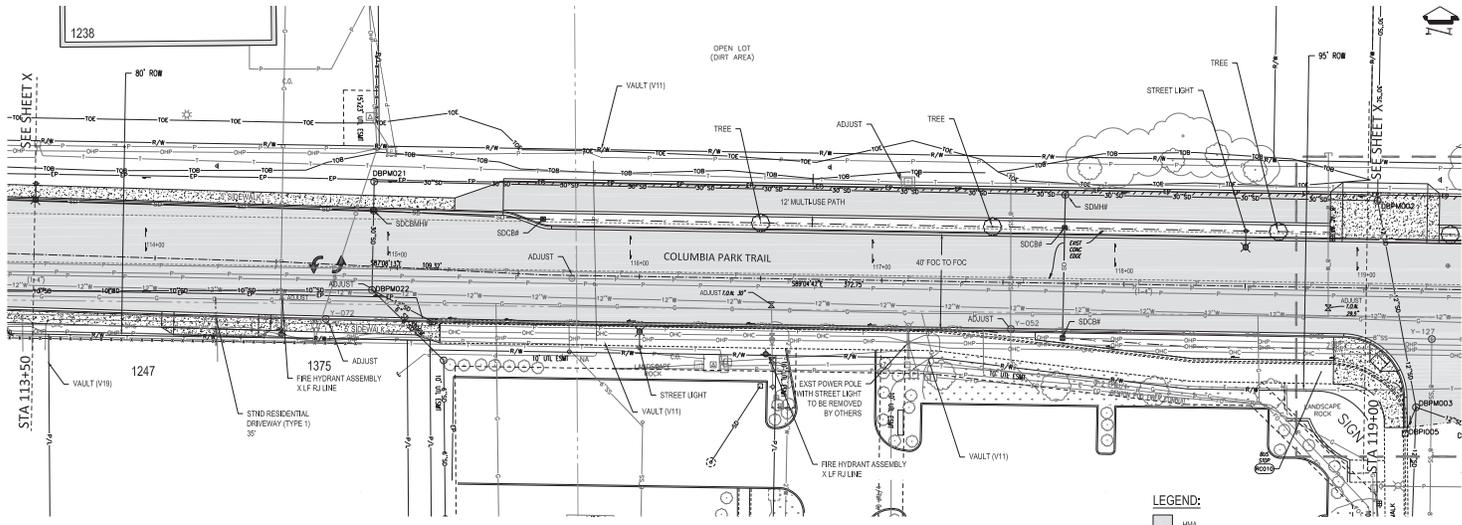
REVISION NO. DATE REVISION BY  
 1 11/15/18 100% DESIGN/CONSTRUCTION

DATE: 11/15/18  
 CONTRACT NO.: 18-001  
 SHEET: 2 OF 2  
 DRAWN BY: LD  
 CHECKED BY: SJA  
 RECORD ENGINEER: BLS/BS

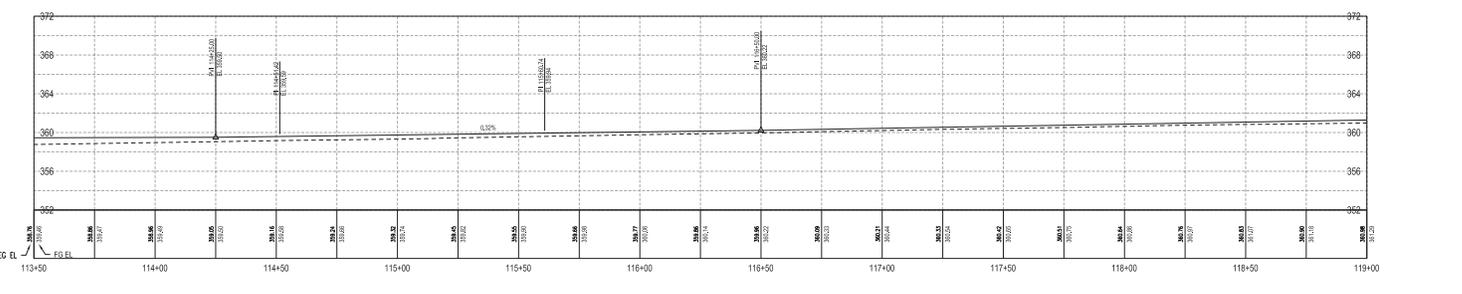
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 CONTRACT NO.: 18-001  
 SHEET: 2 OF 2  
 DRAWN BY: LD  
 CHECKED BY: SJA  
 RECORD ENGINEER: BLS/BS

SHEET  
**C-01**  
 OF  
**09**





**COLUMBIA PARK TRAIL  
PLAN VIEW**  
SCALE: 1"=20' (22:34), 1"=40' (11:17)



**COLUMBIA PARK TRAIL  
PROFILE VIEW**  
SCALE: 1"=20' (22:34), 1"=40' (11:17)




**CITY OF RICHLAND**  
PUBLIC WORKS DEPARTMENT  
REVISION

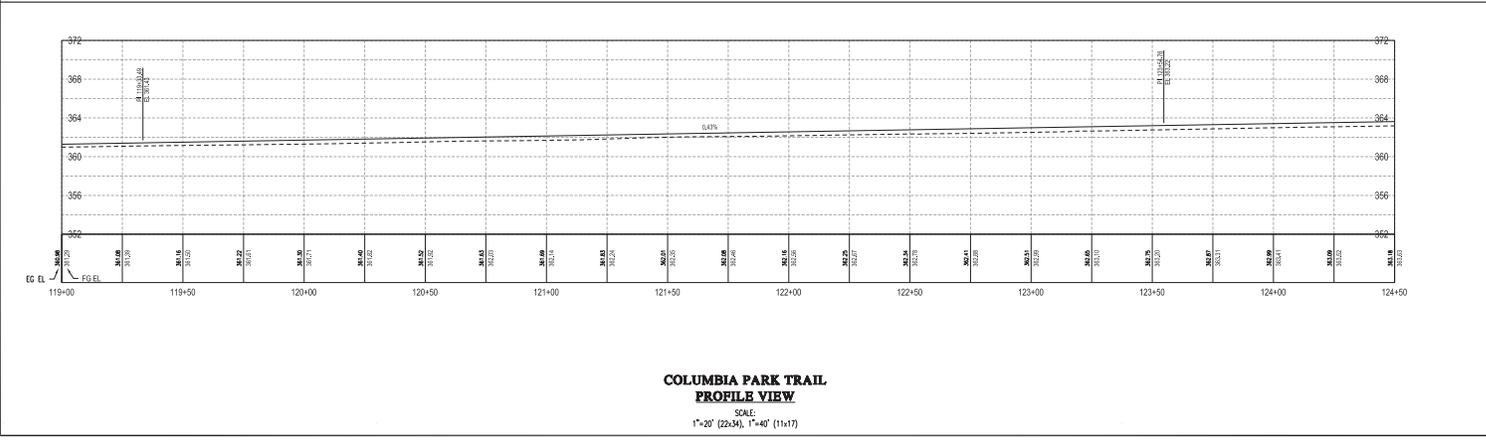
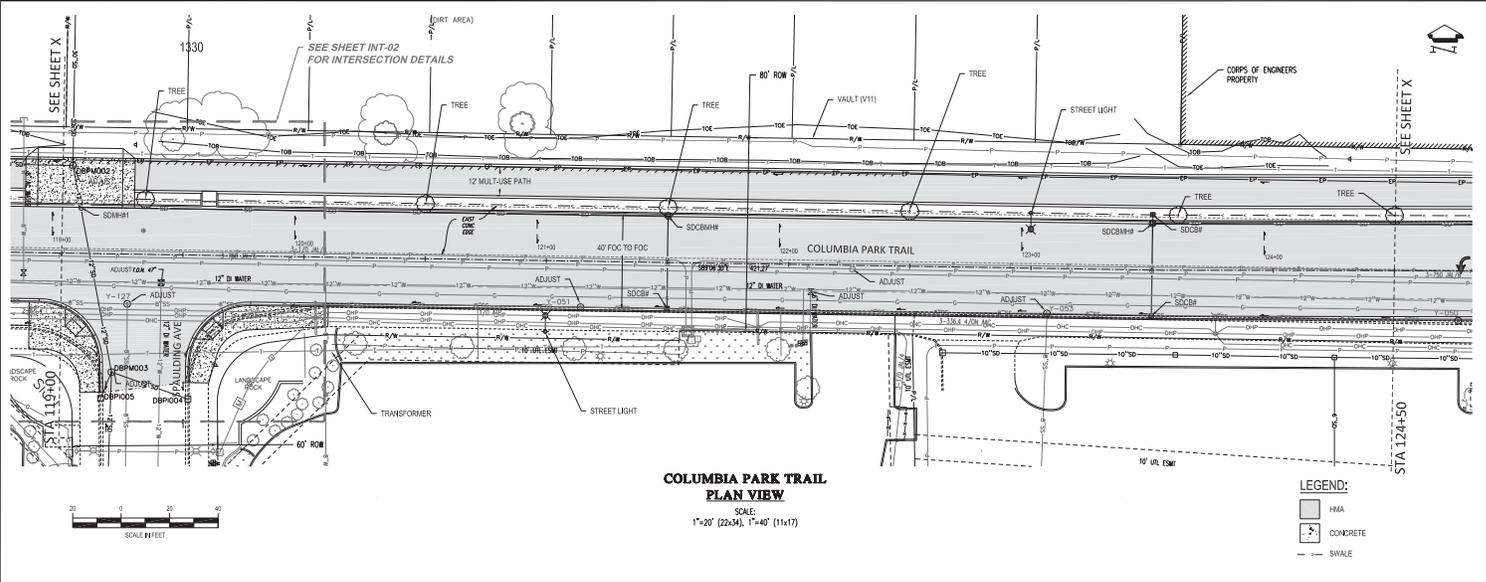
NO.	DATE	DESCRIPTION
1	11/11/2020	60% REVIEW SUBMITTAL

**Columbia Park Trail East Improvements**  
(From S. to West Mainway Dr.)

**Plan and Profile**

DESIGNED BY: [Name]  
CHECKED BY: [Name]  
RECORD ENGINEER: [Name]

SHEET  
**C-03**  
OF  
**09**






**CITY OF RICHLAND**

PUBLIC WORKS DEPARTMENT

REVISION

60% REVIEW

SUBMITTAL

**Columbia Park Trail East Improvements**

*(Riverside St. to River Avenue Drive)*

Plan and Profile

REVISION NO. | DATE | DESCRIPTION

ONE INCH

AT FULL SCALE SEE NOT ONE INCH SCALE REQUIREMENTS

CAD FILE: [unreadable]  
 CONTRACT NO.: [unreadable]  
 DATE: 2-20-2020  
 DRAWN BY: LD  
 CHECKED BY: [unreadable]  
 RECORD ENG: [unreadable]

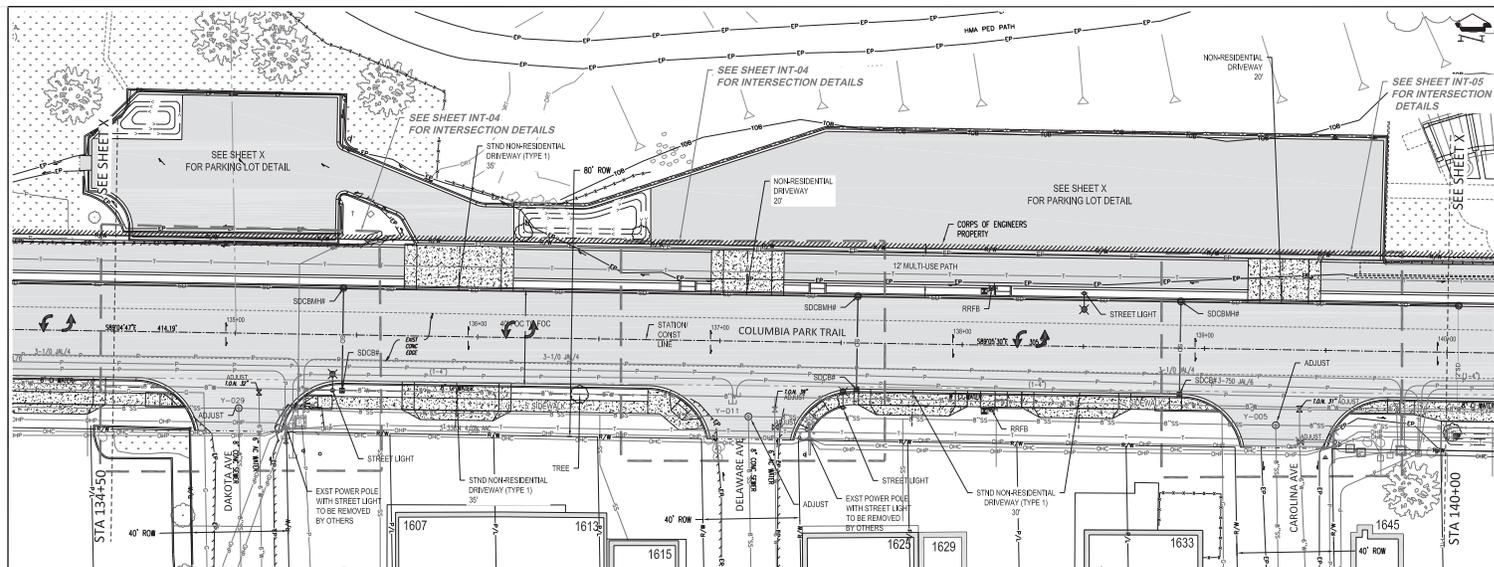
SHEET

C-04

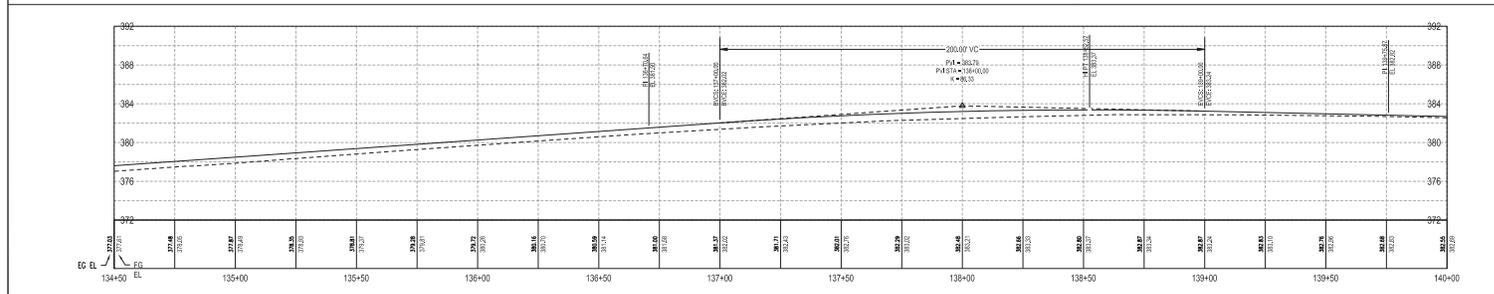
OF







**COLUMBIA PARK TRAIL  
PLAN VIEW**  
SCALE:  
1"=20' (22:34), 1"=40' (11:17)



**COLUMBIA PARK TRAIL  
PROFILE VIEW**  
SCALE:  
1"=20' (22:34), 1"=40' (11:17)




**CITY OF RICHLAND**

PUBLIC WORKS DEPARTMENT

DESIGN REVISION

60% REVIEW  
SUBMITTAL

**Columbia Park Trail East Improvements**

*(Riverside St. to Reed Avenue Dr.)*

Plan and Profile

REVISION NO. DATE BY

1"=ONE INCH

AS FULL SIZE IF NOT ONE INCH

SCALE ACCORDINGLY

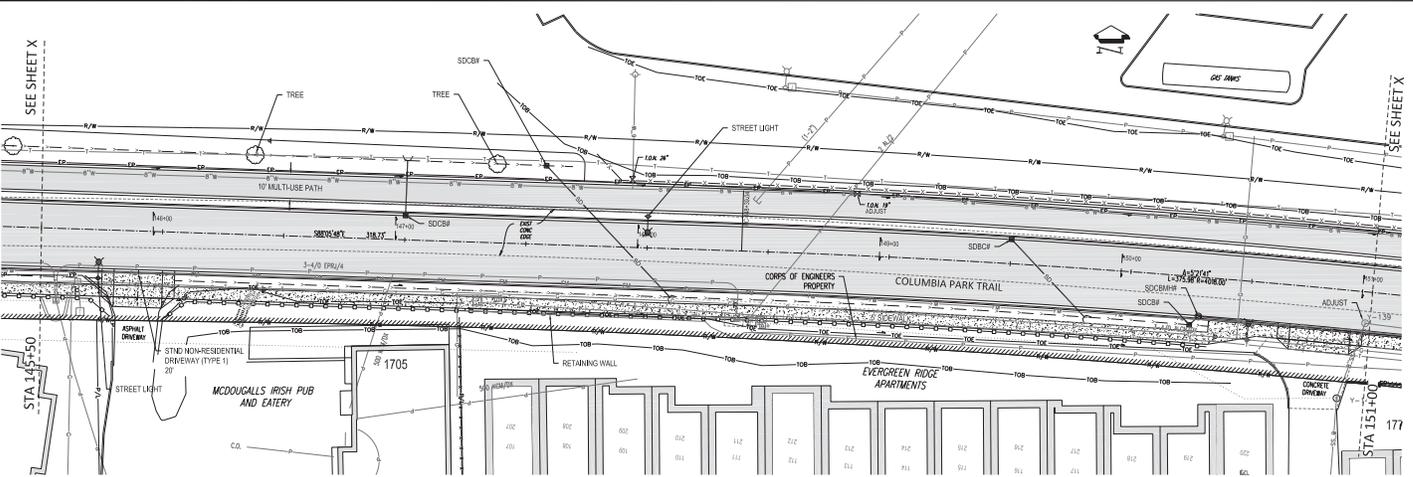
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DATE: 12-20-2018  
CONTRACT NO.: PC-2018  
SHEET: 2 OF 2  
DESIGNER: LD  
CHECKER: SKA  
RECORD DWG: BLS/BJB

SHEET

C-07

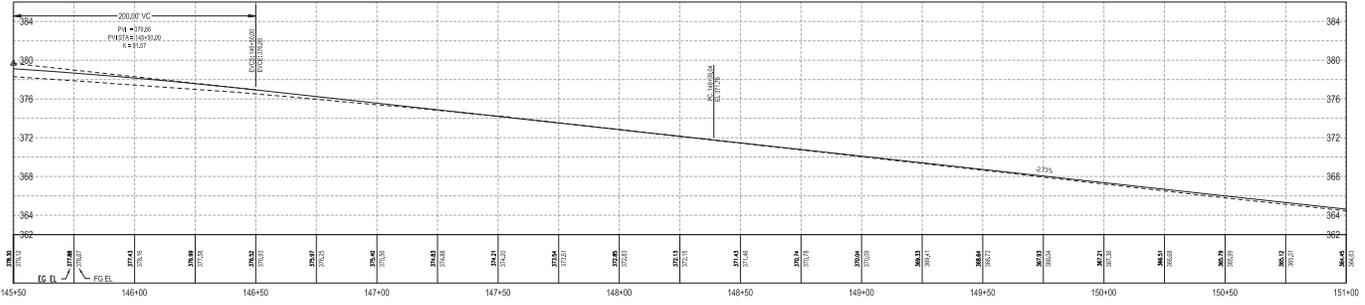
OF





**COLUMBIA PARK TRAIL  
PLAN VIEW**  
SCALE:  
1"=20' (22-3/4), 1"=40' (11x17)

- LEGEND:**
- HMA
  - CONCRETE
  - SWALE



**COLUMBIA PARK TRAIL  
PROFILE VIEW**  
SCALE:  
1"=20' (22-3/4), 1"=40' (11x17)




**CITY OF RICHLAND**  
PUBLIC WORKS DEPARTMENT  
REVISION

NO.	DATE	DESCRIPTION

**Columbia Park Trail East Improvements**  
(From S. to West Avenue Dr.)

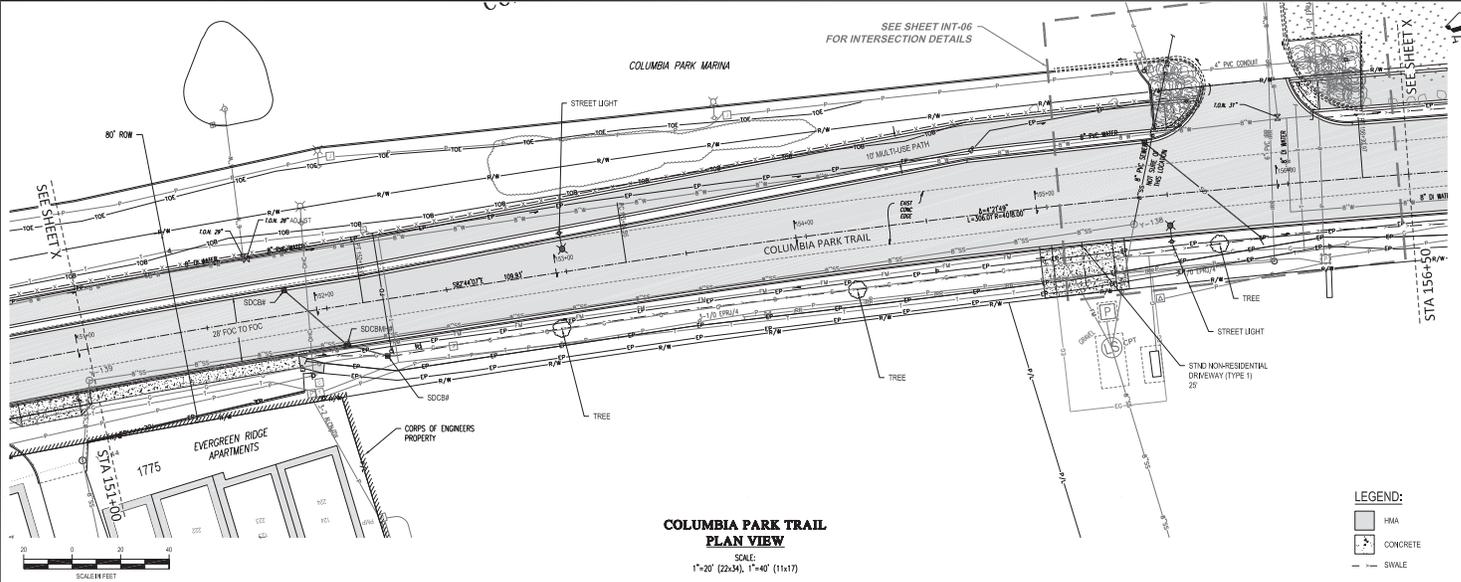
**Plan and Profile**

60% REVIEW SUBMITTAL

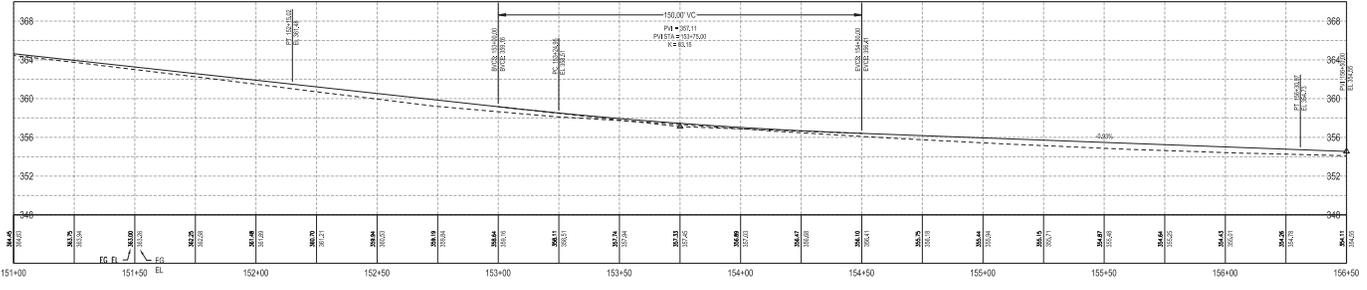
REVISION NO. 01 DATE 08/20/2020

DATE	08/20/2020
CONTRACT NO.	PC0002
DATE	2-20-2020
DESIGNER	LD
CHECKER	SK
RECORD ENGINEER	BL/BB

SHEET  
**C-09**  
OF  
**09**



**COLUMBIA PARK TRAIL  
PLAN VIEW**  
SCALE: 1"=20' (22:34), 1"=40' (11:17)



**COLUMBIA PARK TRAIL  
PROFILE VIEW**  
SCALE: 1"=20' (22:34), 1"=40' (11:17)




**CITY OF RICHLAND**  
PUBLIC WORKS DEPARTMENT  
REVISION

NO.	DESCRIPTION	DATE
1	60% REVIEW SUBMITTAL	08/20/2020

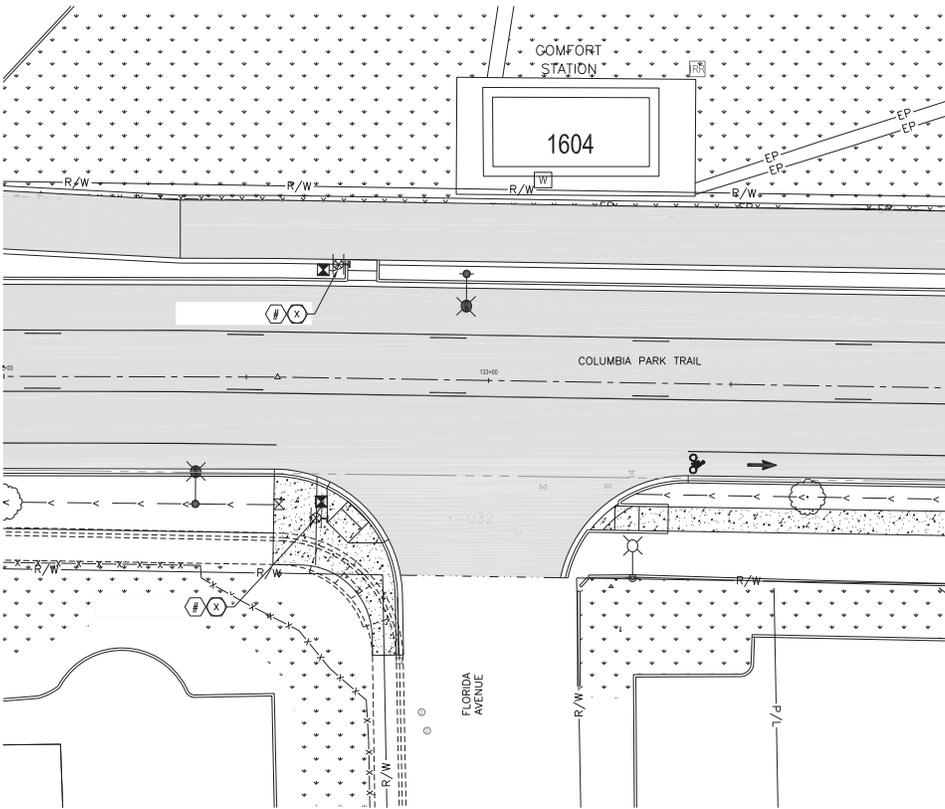
**Columbia Park Trail East Improvements**  
(Rover St. to River Avenue Driv.)  
Plan and Profile

DESIGNED BY: [Name]  
CHECKED BY: [Name]  
RECORD ENGINEER: [Name]

AT FULL SIZE IF NOT ONE INCH = SOME REQUIREMENTS  
CONTRACT NO.: PC-2020-001  
SHEET NO.: 2 OF 2  
DRAWN BY: LD  
SCALE: 1"=40'

**C-10**  
OF  
**09**





COLUMBIA PARK TRAIL AND FLORIDA AVENUE  
 SCALE: 1"=10' (22-24), 1"=20' (11-17)

**CONSTRUCTION RRFB NOTES**

1. INSTALL TYPE I POLE FOUNDATION WITH CURB BASE PER WSDOT STANDARD PLAN 2501-142, SHEET 2 OF 2. SET FOUNDATION WITH PELCO AP-1092-04L ANCHOR BOLT CAGE.
2. INSTALL TYPE I RRFB EQUIPMENT ON TYPE I POLE USING RELO-BASE MODEL PD-5334-35-04L-PNC. INCLUDE SIGNAGE, LIGHT BARS, CONTROL CABINET AND CAMPBELL GUARDIAN PUSHBUTTON.
3. INSTALLATION OF FOUNDATION, CONDUIT AND JUNCTION BOX BY OTHERS.
4. INSTALL TYPE I QUARTZ JUNCTION BOX ADJACENT TO TYPE I OR TYPE II POLE FOR GROUNDING OF THE RRFB ASSEMBLY POLE. CONNECT THE POLE FOUNDATION AND JUNCTION BOX WITH Z' SCHEDULE 40 PVC CONDUIT.
5. INSTALL TYPE II RRFB EQUIPMENT ON TYPE II POLE USING RELO-BASE MODEL PD-5334-35-04L-PNC. INCLUDE SIGNAGE, LIGHT BARS, CONTROL CABINET AND CAMPBELL GUARDIAN PUSHBUTTON.
6. INSTALL TYPE III MAST ARM POLE FOUNDATION PER WSDOT STANDARD PLAN 2501-142. FOUNDATION SHALL BE PER ALTERNATE R. 2" FOUND WITH DEPTH OF 11"X.
7. INSTALL TYPE III POLE WITH MAST ARM PER RRFB POLE SHEET AND 16 FOOT LUMINAIRE ARM. INSTALL TWO SETS OF OVER-HEAD SINGLE SIDED 4P48 PEDESTRIAN SIGNS AND SINGLE SIDED RRFB LIGHT BARS ON THE MAST ARM PER OVER-HEAD MOUNTING DETAIL THIS SHEET. LEVEL THE SIGN AND LIGHT BAR TO THE GROUND. NOT THE ARM. INSTALL TYPE II RRFB (DOUBLE SIDED) EQUIPMENT INCLUDING CONTROL CABINET, SOLAR PANEL, 3P48 PEDESTRIAN SIGNS AND LIGHT BAR ON THE POLE.
8. INSTALL CAMPBELL GUARDIAN PUSHBUTTON ON POLE OR POST.
9. SEPARATE ASPHALT OR CONCRETE SIDEWALK AS NECESSARY.
10. INSTALL CITY STANDARD LED LUMINAIRE PER SPECIFICATIONS. NOTE ALL INSTALLATIONS ARE ON MINOR ARTERIALS EXCEPT GEORGE WASHINGTON WAY AT GUYER AVE. WHICH IS A PRINCIPAL ARTERIAL.
11. INSTALL CONDUCTORS TO EXISTING JUNCTION BOX AND BACK TO STREET LIGHT SERVICE. ADD SEPARATE BREAKER FOR RRFB.
12. INSTALL TYPE I POLE FOUNDATION WITH STANDARD BASE PER WSDOT STANDARD PLAN 2501-142, SHEET 1 OF 2. SET FOUNDATION WITH PELCO AP-1092-04L ANCHOR BOLT CAGE.
13. INSTALL TYPE II POLE POST.
14. SET UP SYSTEM FOR AC RRFB.
15. INSTALL THERMOPLASTIC CROSSWALK BLOCKS AS SHOWN.
16. INSTALL THERMOPLASTIC STOPBAR AS SHOWN.
17. REMOVE EXISTING LAMPS AND POST.
18. INSTALL 36"x36" R148 ON CITY STANDARD POST.
19. INSTALL 12"x36" 0M-3 OBJECT MARKER.
20. REMOVE EXISTING SIGN.

**GENERAL NOTES**

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF RICHLAND STANDARDS AND SPECIFICATIONS, WASHINGTON STATE DEPARTMENT OF TRANSPORTATION (WSDOT) STANDARDS AND SPECIFICATIONS, AND MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
2. THE LOCATIONS OF FEATURES SHOWN SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO CONSTRUCTION WORK.
3. ALL WORK SHALL BE CONCURRENT WITH UTILITY AGENCY REQUIREMENTS. THE CONTRACTOR SHALL CONTACT ALL PERTINENT UTILITY AGENCIES 48 HOURS PRIOR TO COMMENCING WORK, AND SHALL COORDINATE WITH AFFECTED UTILITY AGENCIES THROUGHOUT THE PROJECT.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES. THE CONTRACTOR SHALL NOTIFY THE AFFECTED UTILITY COMPANY AND THE CITY IMMEDIATELY UPON DAMAGE AND BE RESPONSIBLE FOR REPLACING ANY DAMAGED EQUIPMENT TO THE SATISFACTION OF THE AFFECTED UTILITY COMPANY AND/OR THE CITY.
5. THE JUNCTION BOX AND CONDUIT LOCATIONS SHOWN ARE APPROXIMATE. JUNCTION BOXES SHALL BE PLACED OUTSIDE OF SIDEWALK UNLESS OTHERWISE NOTED OR DIRECTED BY THE ENGINEER. JUNCTION BOXES LOCATED INSIDE SIDEWALK SHALL HAVE RISEABLES.
6. POLE LOCATIONS SHALL BE STAKED IN THE FIELD AND APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.
7. THE CONTRACTOR SHALL VERIFY ACCEPTABLE MINIMUM OVERHEAD CLEARANCE FOR ALL SIGNAL HEADS ABOVE THE STREET PRIOR TO PLACING FOUNDATIONS OR ORDERING SIGNAL POLES.
8. THE CONTRACTOR SHALL KEEP ALL EXISTING TRAFFIC SIGNAL EQUIPMENT IN OPERATION PRIOR TO TUNING OR PROPOSED TRAFFIC SIGNAL EQUIPMENT. COORDINATE WITH CITY OF RICHLAND FOR SWITCHOVER PROCEDURE AND ALLOWABLE CLOSURES.
9. THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES IS SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MUST BE OCCURRED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.



NOTES:  
 1. (X) THESE NOTES CORRESPOND TO POLES LISTED ON SHEET C4

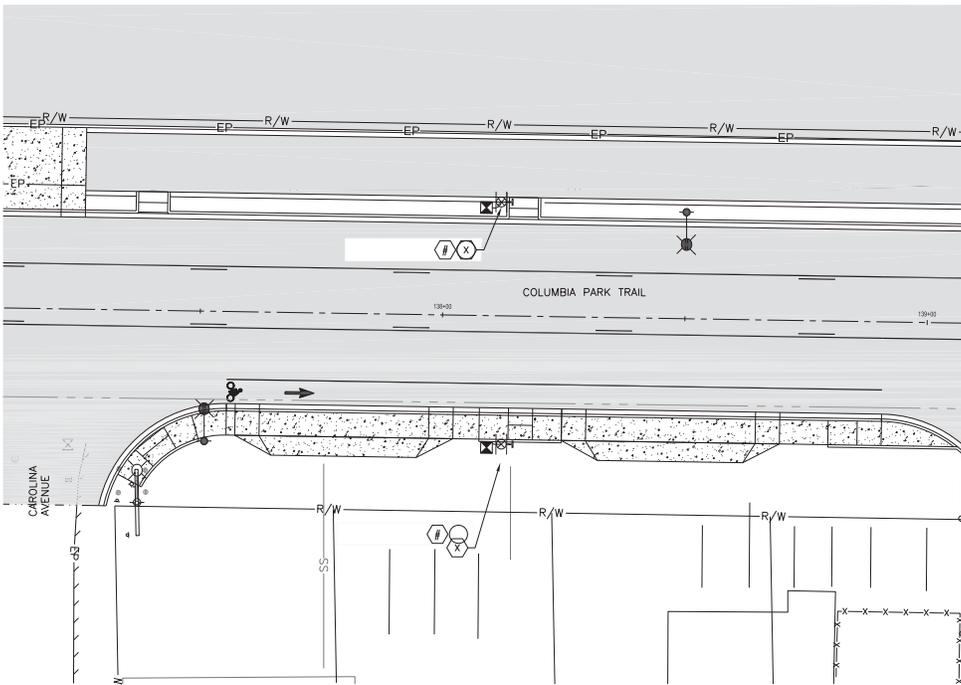
LEGEND	
□	SIGNAL CONTROLLER CABINET
▲	SERVICE DISCONNECT PEDESTAL
□	TYPE-1 JUNCTION BOX
□	TYPE-2 JUNCTION BOX
□	TYPE-3 JUNCTION BOX
—	EMERGENCY VEHICLE PRECEDENCE DETECTOR
—	VEHICLE SIGNAL HEAD
—	PEDESTRIAN SIGNAL HEAD
—	VIDEO DETECTION CAMERA
⊙	SIGNAL POLE NUMBER
—	SIGN (MAST ARM)
—	PEDESTRIAN PUSH BUTTON ASSEMBLY
⊙	SIGNAL POLE AND MAST ARM
—	VEHICLE SIGNAL TURN HEAD
⊙	TYPE I POLE
⊙	TYPE II POLE
⊙	LUMINAIRE
△	BEING SCHEDULE NOTE (SEE SHEET X)

**CITY OF RICHLAND**  
 PUBLIC WORKS DEPARTMENT  
 PROJECT NO. 2023-01  
 RRFB PLAN

**Columbia Park Trail East Improvements**  
*(Riviera St. to River Avenue Drive)*

60% REVIEW SUBMITTAL

RRFB-01 OF



COLUMBIA PARK TRAIL AND CAROLINA AVENUE

SCALE  
1"=10' (22x34), 1"=20' (11x17)

**CONSTRUCTION RRFB NOTES**

1. INSTALL TYPE I POLE FOUNDATION WITH CURB BASE PER WSDOT STANDARD PLAN 4501142, SHEET 2 OF 2. SET FOUNDATION WITH PELCO AP-109-0VL ANCHOR BOLT GAGE.
2. INSTALL TYPE I RRFB EQUIPMENT ON TYPE I POLE USING RELO-BASE MODEL PD-534-35-0VL-PVC. INCLUDE SIGNAGE, LIGHT BARS, CONTROL CABINET AND CAMPBELL GUARDIAN PUSHBUTTON.
3. INSTALLATION OF FOUNDATION, CONDUIT AND JUNCTION BOX BY OTHERS.
4. INSTALL TYPE I QUARTZ JUNCTION BOX ADJACENT TO TYPE I OR TYPE II POLE FOR GROUNDING OF THE RRFB ASSEMBLY POLE. CONNECT THE POLE FOUNDATION AND JUNCTION BOX WITH Z' SCHEDULE 40 PVC CONDUIT.
5. INSTALL TYPE III RRFB EQUIPMENT ON TYPE I POLE USING RELO-BASE MODEL PD-534-35-0VL-PVC. INCLUDE SIGNAGE, LIGHT BARS, CONTROL CABINET AND CAMPBELL GUARDIAN PUSHBUTTON.
6. INSTALL TYPE III MAST ARM POLE FOUNDATION PER WSDOT STANDARD PLAN 4501142-01. FOUNDATION SHALL BE PER ALTERNATE R. 25' FOUND WITH DEPTH OF 11'-0".
7. INSTALL TYPE III POLE WITH MAST ARM PER RRFB POLE SHEET AND 16 FOOT LUMINAIRE ARM. INSTALL TWO SETS OF OVER-HEAD SINGLE SIDED 4P-48" PEDESTRIAN SIGNS AND SINGLE SIDED RRFB LIGHT BARS ON THE MAST ARM PER OVER-HEAD MOUNTING DETAIL THIS SHEET. LEVEL THE SIGN AND LIGHT BAR TO THE GROUND. NOT THE ARM. INSTALL TYPE III RRFB (DOUBLE SIDED) EQUIPMENT INCLUDING CONTROL CABINET, SOLAR PANEL, 3P-03" PEDESTRIAN SIGNS AND LIGHT BAR ON THE POLE.
8. INSTALL CAMPBELL GUARDIAN PUSHBUTTON ON POLE OR POST.
9. SEPARATE ASPHALT OR CONCRETE SIDEWALK AS NECESSARY.
10. INSTALL CITY STANDARD LED LUMINAIRE PER SPECIFICATIONS. NOTE ALL INSTALLATIONS ARE ON MINOR ARTERIALS EXCEPT GEORGE WASHINGTON WAY AT GUYVER AVE WHICH IS A PRINCIPAL ARTERIAL.
11. INSTALL CONDUCTORS TO EXISTING JUNCTION BOX AND BACK TO STREET LIGHT SERVICE. ADD SEPARATE BREAKER FOR RRFB.
12. INSTALL TYPE I POLE FOUNDATION WITH STANDARD BASE PER WSDOT STANDARD PLAN 421104-104, SHEET 1 OF 2. SET FOUNDATION WITH PELCO AP-109-0VL ANCHOR BOLT GAGE.
13. INSTALL TYPE I PPB POST.
14. SET UP SYSTEM FOR AC RRFB.

15. INSTALL THERMOPLASTIC CROSSWALK BLOCKS AS SHOWN.
16. INSTALL THERMOPLASTIC STOPBAR AS SHOWN.
17. REMOVE EXISTING FLAGS AND POST.
18. INSTALL 36"x36" R148 ON CITY STANDARD POST.
19. INSTALL 12"x36" 0M-3L OBJECT MARKER.
20. REMOVE EXISTING SIGN.

**GENERAL NOTES**

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF RICHLAND STANDARDS AND SPECIFICATIONS, WASHINGTON STATE DEPARTMENT OF TRANSPORTATION (WSDOT) STANDARDS AND SPECIFICATIONS AND MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
2. THE LOCATIONS OF FEATURES SHOWN SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO CONSTRUCTION WORK.
3. ALL WORK SHALL BE CONCURRENT WITH UTILITY AGENCY REQUIREMENTS. THE CONTRACTOR SHALL CONTACT ALL PERTINENT UTILITY AGENCIES 48 HOURS PRIOR TO COMMENCING WORK AND SHALL COORDINATE WITH AFFECTED UTILITY AGENCIES THROUGHOUT THE PROJECT.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES. THE CONTRACTOR SHALL NOTIFY THE AFFECTED UTILITY COMPANY AND THE CITY IMMEDIATELY UPON DAMAGE AND BE RESPONSIBLE FOR REPLACING ANY DAMAGED EQUIPMENT TO THE SATISFACTION OF THE AFFECTED UTILITY COMPANY AND/OR THE CITY.
5. THE JUNCTION BOX AND CONDUIT LOCATIONS SHOWN ARE APPROXIMATE. JUNCTION BOXES SHALL BE PLACED OUTSIDE OF SEWER AND GAS LINES UNLESS OTHERWISE NOTED OR DIRECTED BY THE ENGINEER. JUNCTION BOXES LOCATED IN SIDEWALK SHALL HAVE NO SIDEWALKS.
6. POLE LOCATIONS SHALL BE STAKED IN THE FIELD AND APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.
7. THE CONTRACTOR SHALL VERIFY ACCEPTABLE MINIMUM OVERHEAD CLEARANCE FOR ALL SIGNAL HEADS ABOVE THE STREET PRIOR TO PLACING FOUNDATIONS OR ORDERING SIGNAL POLES.
8. THE CONTRACTOR SHALL KEEP ALL EXISTING TRAFFIC SIGNAL EQUIPMENT IN OPERATION PRIOR TO TUNING UP PROPOSED TRAFFIC SIGNAL EQUIPMENT. COORDINATE WITH CITY OF RICHLAND FOR SWITCHOVER PROCEDURE AND ALLOWABLE CLOSURES.
9. THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES IS SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MUST BE CORRECTED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.



NOTES:  
1. THESE NOTES CORRESPOND TO POLES LISTED ON SHEET C4

LEGEND	
□	SIGNAL CONTROLLER CABINET
▲	SERVICE DISCONNECT PEDESTAL
□	TYPE-1 JUNCTION BOX
□	TYPE-2 JUNCTION BOX
□	TYPE-3 JUNCTION BOX
—	EMERGENCY VEHICLE PRECEDENCE DETECTOR
—	VEHICLE SIGNAL HEAD
—	PEDESTRIAN SIGNAL HEAD
—	VIDEO DETECTION CAMERA
⊙	SIGNAL POLE NUMBER
—	SIGN (MAST ARM)
—	VEHICLE SIGNAL TURN HEAD
—	SIGNAL POLE AND MAST ARM
—	TYPE I POLE
—	TYPE PPB POLE
—	LUMINAIRE
—	BEING SCHEDULE NOTE (SEE SHEET X)

**CITY OF RICHLAND**  
PUBLIC WORKS DEPARTMENT  
UTILITY DIVISION

**Columbia Park Trail East Improvements**  
(Refer to & Amend Memo D-27)

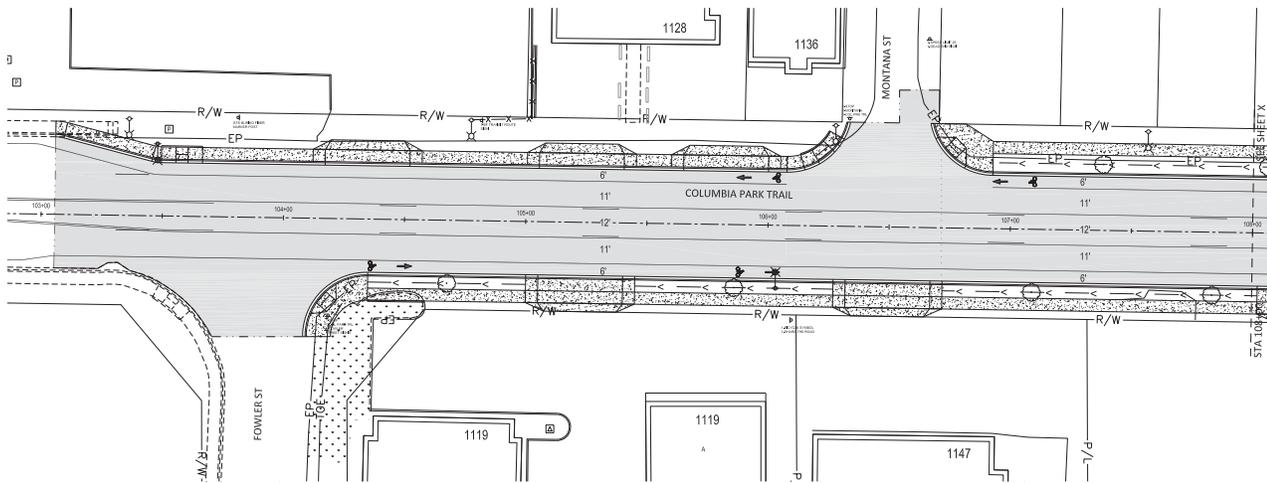
**RRFB Plan**

**60% REVIEW SUBMITTAL**

**RRFB-02**  
OF







**COLUMBIA PARK TRAIL  
PLAN VIEW**  
SCALE:  
1"=20' (23:54), 1"=40' (11:17)

**SYMBOL LEGEND:**

-  4" YELLOW CENTERLINE - SKIP PATTERN = 10' LINE AND 30' GAP
-  4" WHITE LANE LINE - SKIP PATTERN = 10' LINE AND 30' GAP
-  4" WHITE EDGE LINE
-  YELLOW DOUBLE CENTERLINE - TWO 4" YELLOW LINES SEPARATED BY 4"
-  TWO-WAY LEFT-TURN LANE LINE - TWO 4" YELLOW LINES SEPARATED BY 4". INSIDE YELLOW USES SKIP PATTERN OF 10' LINE AND 30' GAP
-  8" WIDE LANE LINE - WHITE
-  4" YELLOW SOLID CENTERLINE
-  4" DOTTED LANE OR EXTENSION LINE WITH COLOR C (W=WHITE, Y=YELLOW) & SKIP PATTERN # (1 = 1' LINE AND 3' GAP, 2 = 2' LINE AND 6' GAP, 3 = 3' LINE AND 9' GAP)
-  8" WIDE DOTTED LANE OR EXTENSION LINE WITH COLOR C (W=WHITE, Y=YELLOW) & SKIP PATTERN # (1 = 1' LINE AND 3' GAP, 2 = 2' LINE AND 6' GAP, 3 = 3' LINE AND 9' GAP)
-  TRAFFIC ARROW FOR LOW SPEED ROADWAYS PER WSDOT STANDARD PLAN M-24.40-02 WHERE T=TYPE  
  - 1S = STRAIGHT TRAFFIC ARROW FOR THRU TRAFFIC
  - 2SR = RIGHT-TURN TRAFFIC ARROW
  - 2SL = LEFT-TURN ARROW
  - 3SR = SHARED THRU AND RIGHT-TURN ARROW
  - 3SL = SHARED THRU AND LEFT-TURN ARROW
  - 4 = SHARED LEFT-TURN AND RIGHT-TURN ARROW
  - 6SL = DIAGONAL MERGE LEFT ARROW
  - 6SR = DIAGONAL MERGE RIGHT ARROW
  - 7S = SHARED THRU, LEFT-TURN, AND RIGHT-TURN ARROW
-  18" STOP BAR WHERE STA = STATION LOCATION
-  CROSSWALK- 2' X 8' BLOCKS ALIGNED AND SPACED PER WSDOT STANDARD PLAN M-15.10-01
-  BIKE LANE SYMBOL PER WSDOT STANDARD PLAN M-9-60.02 WITH OPTIONAL ARROW A (0=NONE, 1=THRU, 2=RIGHT-TURN, 3=LEFT-TURN) AND WHERE
-  SHARED LANE MARKING



**CITY OF RICHLAND**  
PUBLIC WORKS DEPARTMENT  
REVISION

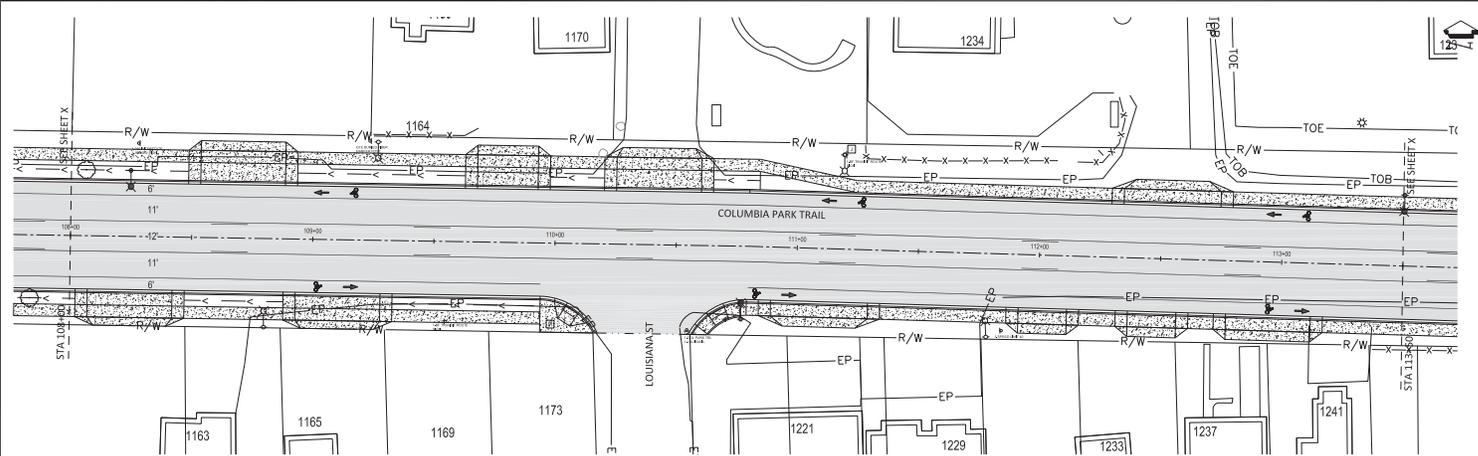
NO.	DESCRIPTION

**Columbia Park Trail East Improvements**  
(Fowler St. to River Avenue Dr.)  
Signing and Striping Plan

CAD FILE	
CONTRACT NO.	
DATE	
DRAWN BY	
CHECKED BY	
RECORD ENG.	

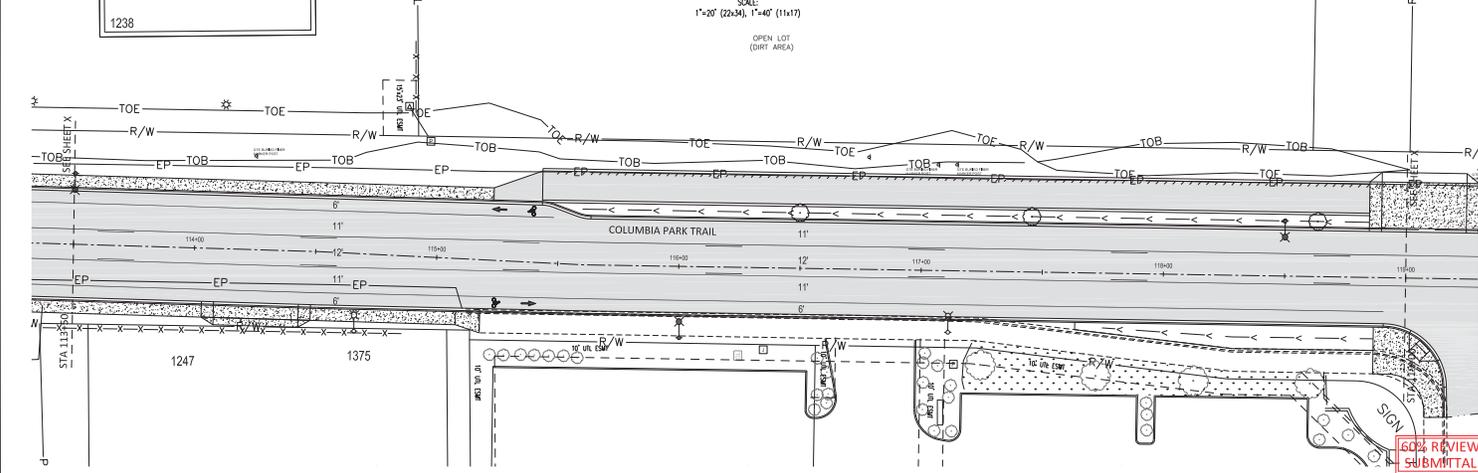
60% REVIEW  
SUBMITTAL

STI  
OF



**COLUMBIA PARK TRAIL  
PLAN VIEW**

SCALE  
1"=20' (22x34), 1"=40' (11x17)  
OPEN LOT  
(DIRT AREA)



**CITY OF RICHLAND**  
PUBLIC WORKS DEPARTMENT  
REVISION

NO.	DATE
1	12/1/2020
2	12/1/2020
3	12/1/2020
4	12/1/2020
5	12/1/2020
6	12/1/2020
7	12/1/2020
8	12/1/2020
9	12/1/2020
10	12/1/2020

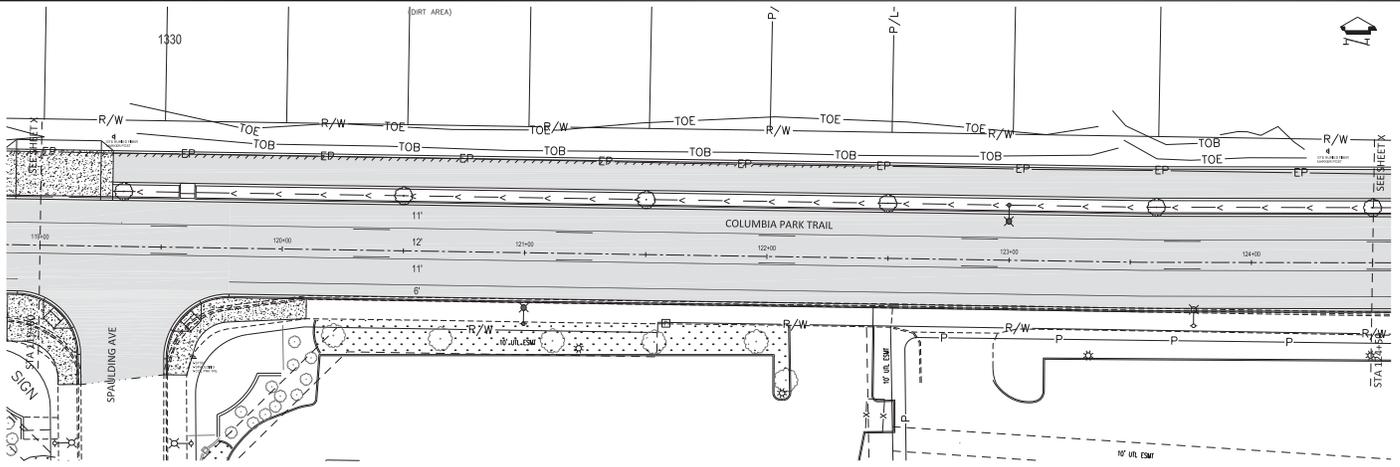
**Columbia Park Trail East Improvements**  
(From S. to River Avenue Driv.)  
Signing and Striping Plan

CAD DWG	DATE
DATE	CONTRACT NO.

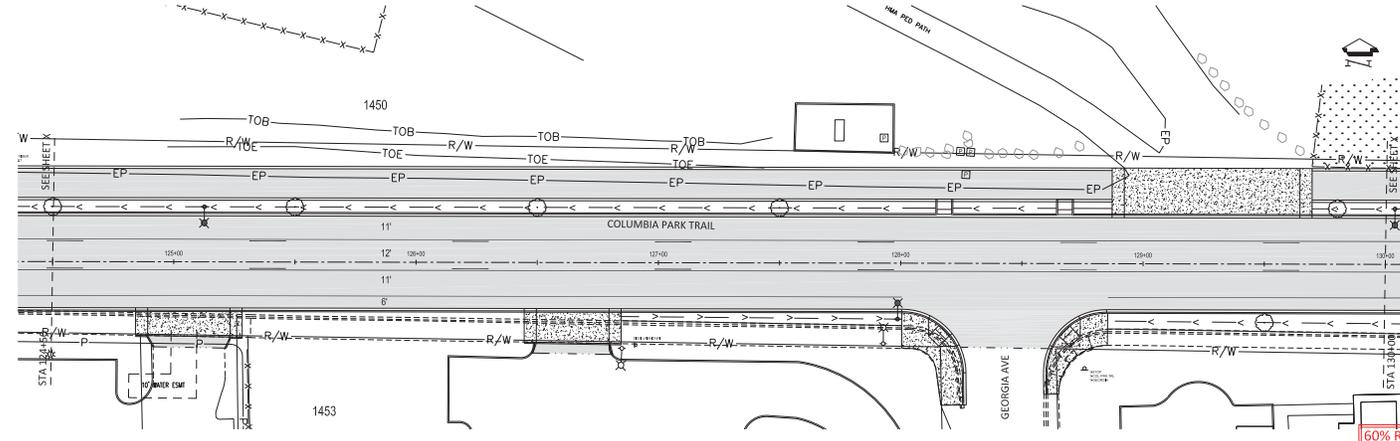
1"=20' (22x34), 1"=40' (11x17)  
AS FULL SIZE IF NOT ONE INCH  
SCALE ACCORDING

**60% REVIEW SUBMITTAL**

**ST2**  
OF **09**



**COLUMBIA PARK TRAIL  
PLAN VIEW**  
SCALE:  
1"=20' (22x34), 1"=40' (11x17)



60% REVIEW  
SUBMITTAL



CITY OF RICHLAND	
PUBLIC WORKS DEPARTMENT	PROJECT NO.
REVISION	DATE
DESCRIPTION	BY
DATE	BY

**Columbia Park Trail East Improvements**  
(From S. to North Avenue Driv.)  
Signing and Striping Plan

DATE	BY

AT FULL SCALE BY NOT ONE INCH  
SCALE ACCURACY

CAD FILE  
DATE: 01-11-2020  
DRAWN BY: LD  
CHECKED BY: MS  
RECORD DWG: 000000

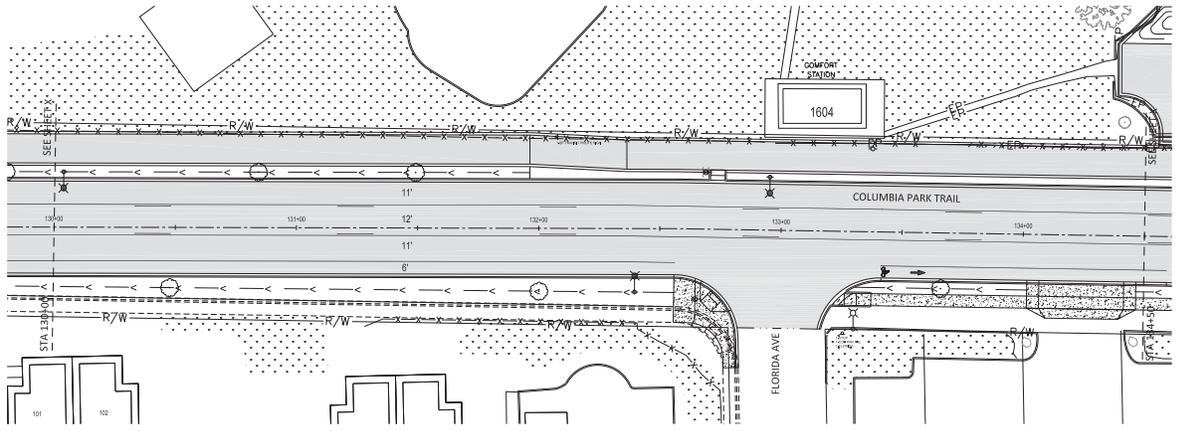
SHEET  
**ST3**  
OF  
**09**



CITY OF RICHLAND  
PUBLIC WORKS DEPARTMENT

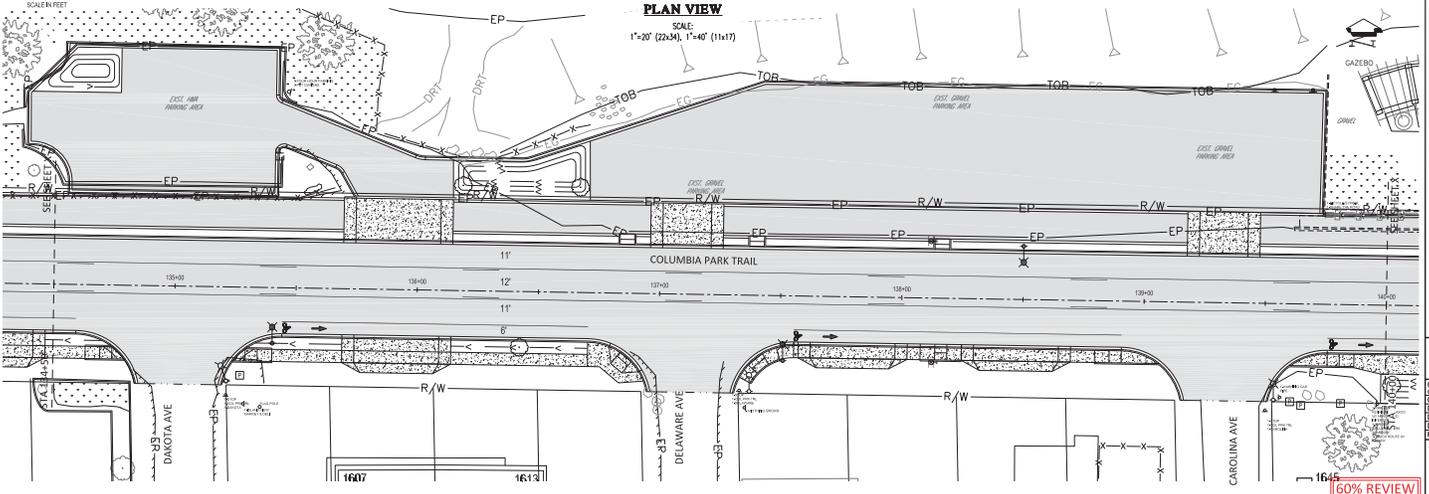
Columbia Park Trail East Improvements  
(From S. to River Avenue Dr.)

Signing and Striping Plan



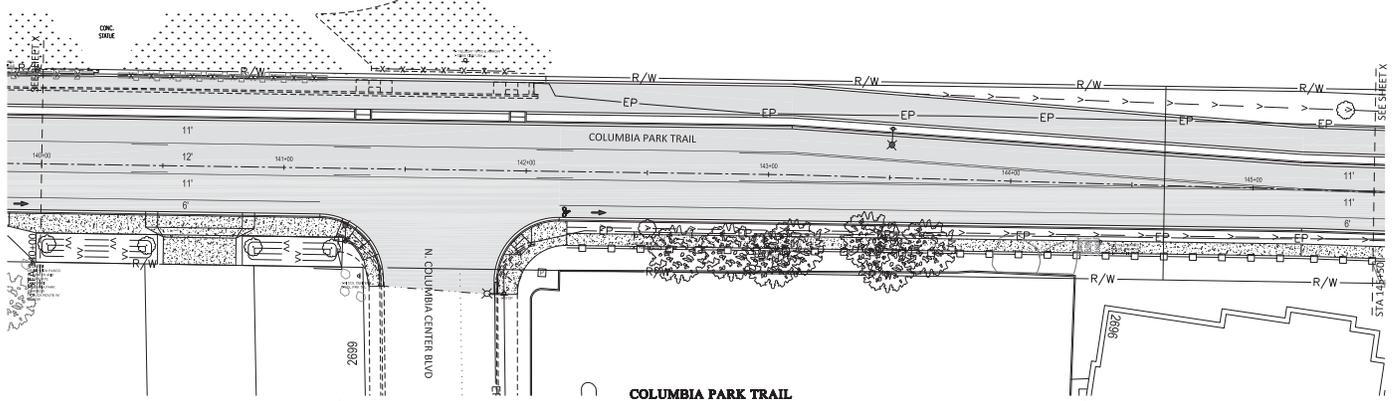
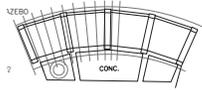
COLUMBIA PARK TRAIL  
PLAN VIEW

SCALE: 1"=20' (22x34), 1"=40' (11x17)

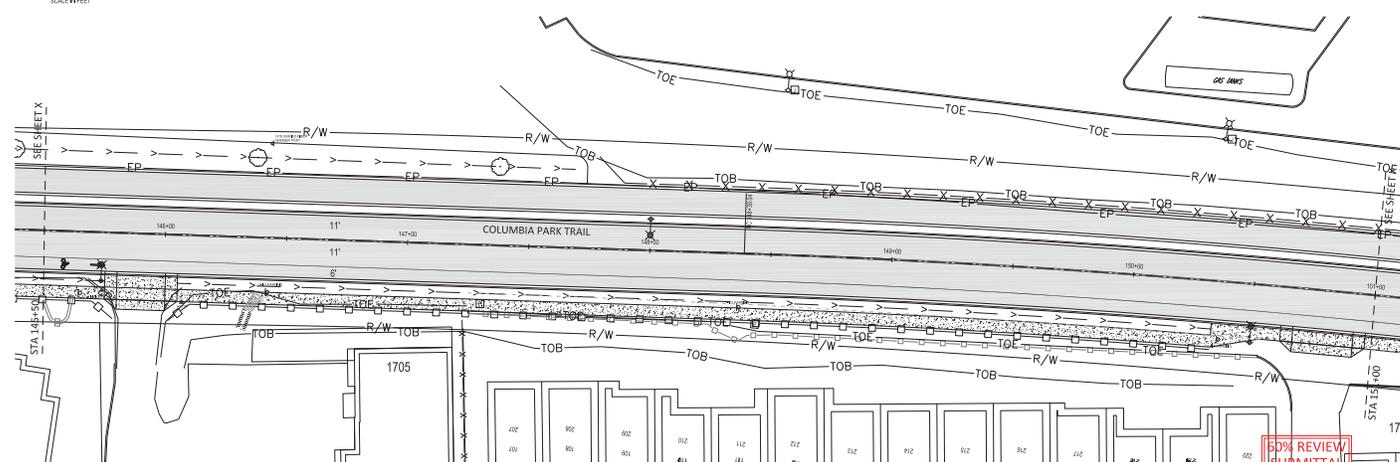


60% REVIEW  
SUBMITTAL

DATE	12/11/2020
DESIGNER	LD
CHECKER	LD
RECORD DWG.	84838
SHEET	ST4
OF	08



**COLUMBIA PARK TRAIL  
PLAN VIEW**  
SCALE:  
1"=20' (22x34), 1"=40' (11x17)



60% REVIEW  
SUBMITTAL

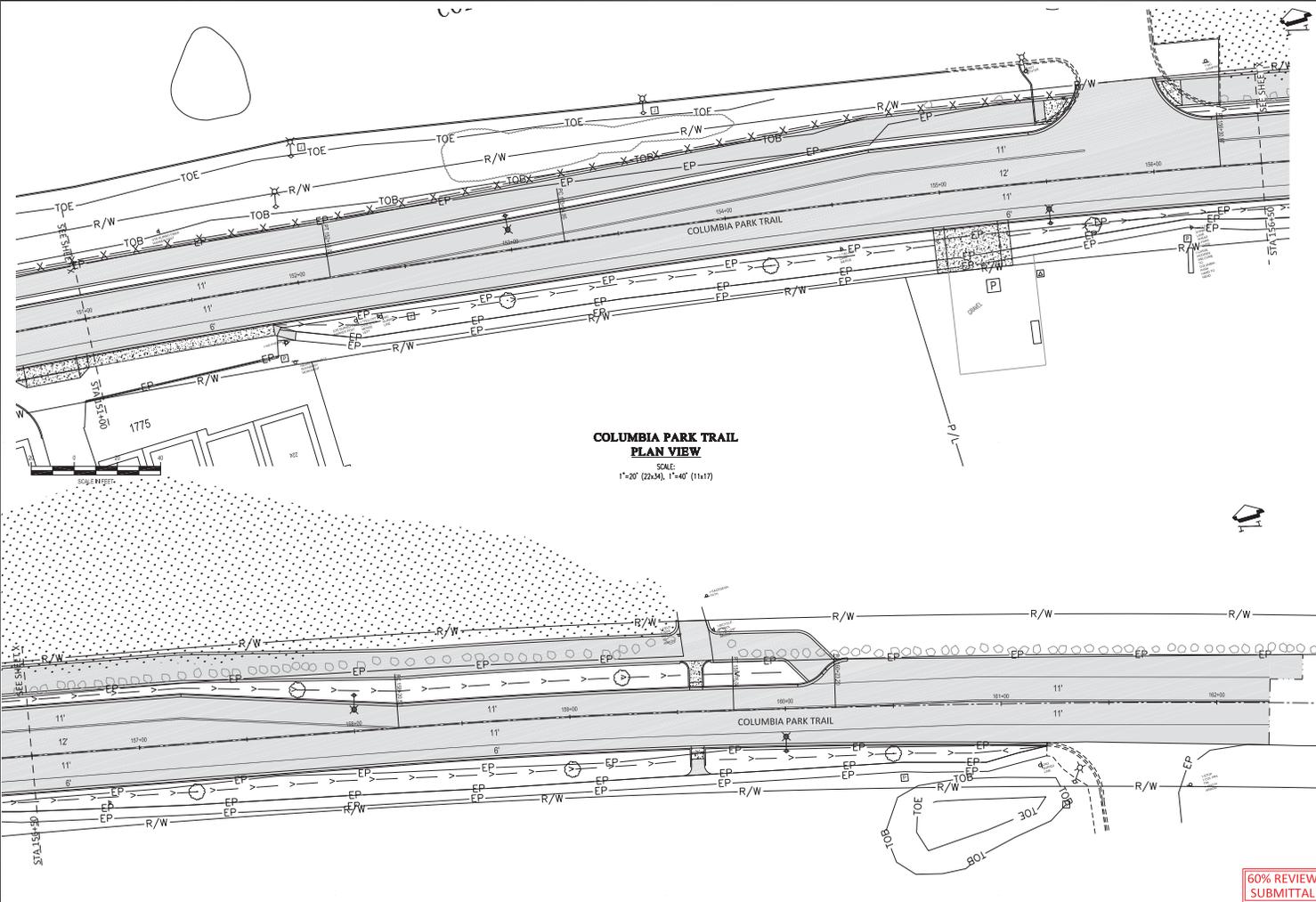


CITY OF RICHLAND	
PUBLIC WORKS DEPARTMENT	
PROJECT NO.	17-000
REVISION	
DATE	10/20/17
BY	LD
CHECKED	LD
RECORD ENG.	LD
SHEET	17 OF 25

**Columbia Park Trail East Improvements**  
(From Sta. to Next Avenue Dr.)  
Signing and Striping Plan

DATE	10/20/17
BY	LD
CHECKED	LD
RECORD ENG.	LD
SHEET	17 OF 25

ST5  
OF  
OR



**COLUMBIA PARK TRAIL  
PLAN VIEW**  
SCALE:  
1"=20' (22x34), 1"=40' (11x17)



CITY OF RICHLAND	
PUBLIC WORKS DEPARTMENT	PROJECT NO.
REVISION	DATE
DESCRIPTION	BY
	CHK
	APP

**Columbia Park Trail East Improvements**  
(From S. to River Avenue Dr.)  
Signing and Striping Plan

DATE	BY
DESCRIPTION	CHK
	APP

ST6 OF 07

60% REVIEW  
SUBMITTAL