

FIRST ORDER OF WORK
 NOTE: THE CONTRACTOR MUST SUBMIT A WRITTEN TRAFFIC CONTROL PLAN TO THE DEPARTMENT OF TRANSPORTATION FOR REVIEW AND APPROVAL PRIOR TO THE COMMENCEMENT OF ANY WORK ON THE BIKE TRAIL.

IMPROVEMENT PLANS FOR OFF-SITE BIKE PATH

TM 14-1522 / PD 14-0010
 AH 21-0004

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ABBREVIATIONS

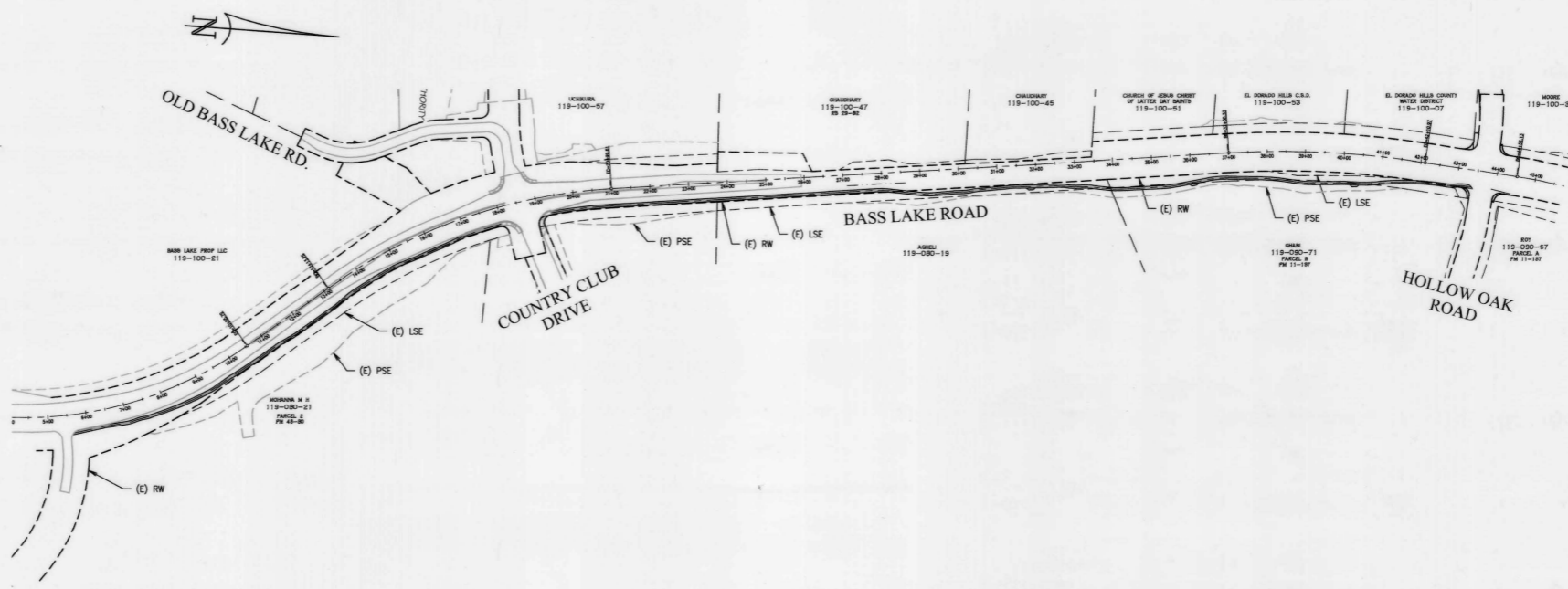
AB	AGGREGATE BASE
AC	ASPHALT CONCRETE
ARV	AIR RELIEF VALVE
BC	BEGIN CURVE
BD	BOUNDARY
BF	BLIND FLANGE
BOV	BLOW OFF VALVE
BS	BUTTERFLY VALVE
BW	BOTTOM OF WALL
C&G	COMMUNITY DEVELOPMENT SERVICES
C&G	CURB & GUTTER
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CONST	CONSTRUCT
CR	CURB RETURN
DI	DRAIN INLET
DWG	DRAWING
DRWY	DRIVEWAY
(E)	EXISTING
ED	EDGE OF DRIVEWAY
ED	EDGE OF CURVE
EP	EDGE OF PAVEMENT
ESMT	EASEMENT
EVA	EMERGENCY VEHICLE ACCESS
FES	FLARED END SECTION
FL	FACE OF CURB
FR	FIRE HYDRANT
FL	FLOW LINE
FG	FINISHED GRADE
GR	GRATE
GV	GATE VALVE
HDC	HIGH DEFLECTION COUPLING
HDP	HIGH DENSITY POLYETHYLENE
HP	HIGH POINT
INTX	INTERSECTION
IN	INVERT ELEVATION
LF	LINEAR FEET
LP	LIP OF GUTTER
LP	LOW POINT
MH	MANHOLE
MS	NOT TO SCALE
(P)	PROPOSED
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
PG	PROPOSED GRADE
PL	PROPERTY LINE
POC	POINT OF CONNECTION
PRC	POINT OF REVERSE CURVATURE
PT	POINT OF TANGENCY
PUE	PUBLIC UTILITY EASEMENT
PS	PUBLIC SERVICE EASEMENT
R	RADIUS
RCR	REINFORCED CONCRETE PIPE
RF	REDUCED PRESSURE OR RADIUS POINT
RW	RECYCLED WATER
R/W	RIGHT-OF-WAY
S/E	SLOPE EASEMENT
SBL	SET BACK LINE
SD	STORM DRAIN
SD	STORM DRAIN EASEMENT
SDMH	STORM DRAIN MANHOLE
SS	SANITARY SEWER
SSOD	SANITARY SEWER CLEAN OUT
SSE	SANITARY SEWER EASEMENT
SSMH	SANITARY SEWER MANHOLE
STA	STATION
STD	STANDARD
TBC	TOP BACK OF CURB
TW	TOP OF WALK
TC	TOP OF CURB
TCE	TEMPORARY CONSTRUCTION EASEMENT
TSE	TOE OF SLOPE
TOP	TOP OF SLOPE
TW	TYPICAL
W	WATER LINE
WLF	WATER LINE EASEMENT
WWF	WELDED WIRE FABRIC

LEGEND

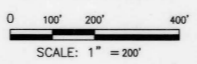
ROADS & MISCELLANEOUS	
	PROJECT BOUNDARY
	CENTERLINE
	RIGHT OF WAY
	EASEMENT
	TYPE 1 C&G & SIDEWALK
	STREET SIGN
	STOP SIGN

GRADING & DRAINAGE

	CUT OR FILL SLOPE
	DITCH
	TREE PROTECTION FENCE
	TREE TO BE REMOVED
	PIPE SHOWING DIRECTION OF FLOW & PIPE SIZE
	MANHOLE (MH)
	DROP INLET (DI)



PROJECT SITE



GRADING AND GEOTECHNICAL SPECIFICATIONS

ALL GRADING SHALL BE DONE UNDER OBSERVATION AND TESTING BY A QUALIFIED CIVIL ENGINEER OR GEOTECHNICAL ENGINEER AND IF REQUIRED BOTH A QUALIFIED CIVIL ENGINEER OR GEOTECHNICAL ENGINEER AND AN ENGINEERING GEOLOGIST. ALL GRADING MUST BE PERFORMED IN ACCORDANCE WITH APPLICABLE COUNTY ORDINANCES AND THE RECOMMENDATIONS AND SPECIFICATIONS SET FORTH IN THE SOILS REPORT OR GEOLOGICAL/GEOTECHNICAL INVESTIGATION ENTITLED:

GEOTECHNICAL ENGINEERING STUDY FOR
 BASS LAKE NORTH BIKE TRAIL
 PREPARED BY YOUNGDAHL CONSULTING GROUP, DATED 28 FEBRUARY 2022
 (PROJECT No. E05463.012)

AT COMPLETION OF THE GRADING OPERATIONS, AN AS-GRADED SOILS AND GEOLOGICAL REPORT WILL BE PREPARED. ONE COPY OF THE AS-GRADED REPORT WILL BE SUBMITTED TO BOTH, THE DOT INSPECTOR AND DOT DEVELOPMENT SERVICES UNIT.

GEOTECHNICAL ENGINEERS STATEMENT

THESE GRADING PLANS HAVE BEEN REVIEWED BY THE UNDERSIGNED AND FOUND TO BE IN GENERAL CONFORMANCE WITH THE RECOMMENDATIONS AND SPECIFICATIONS OUTLINED IN THE REFERENCE SOILS REPORT OR GEOLOGICAL/GEOTECHNICAL INVESTIGATION PREPARED FOR THIS DEVELOPMENT.

[Signature]
 LICENSE # *[Signature]* DATE: 7/14/22 EXPIRES: 3/31/23 (SEAL)



GEOTECHNICAL ENGINEER

YOUNGDAHL CONSULTING GROUP
 1234 GLENHAVEN COURT, EL DORADO HILLS, CA 95762
 (916)933-0633

RECORD DRAWING CERTIFICATE

THIS SET OF PLANS, HAVING BEEN REVIEWED BY ME, REFLECT ALL APPROVED REVISIONS TO THE PROJECT KNOWN TO ME, AND ALL FIELD DEVIATIONS TO THE PLANNED IMPROVEMENTS BY THE CONSTRUCTION CONTRACTOR, AS REPORTED TO ME AS OF _____, IT DOES NOT REPRESENT FIELD VERIFICATION OF PLANNED IMPROVEMENTS BY ME.

REGISTERED CIVIL ENGINEER _____ RCE NO. _____ DATE _____

NUMBER	DESCRIPTION	BY	DATE

REGULATORY PERMITS

- ACOE 404: FORTHCOMING
- RWQCB 401: FORTHCOMING
- CDFG SAA 1600: FORTHCOMING
- WDID: FORTHCOMING

STORM WATER QUALITY PRESERVATION

I ACKNOWLEDGE THAT THIS PROJECT IS SUBJECT TO THE STORM WATER QUALITY REQUIREMENTS OF APPLICABLE GOVERNING AGENCIES, INCLUDING THE COUNTY OF EL DORADO. IN-LIEU OF PROVIDING A SITE SPECIFIC EROSION AND SEDIMENT CONTROL PLAN (ESCP), THE PROJECT WILL PREPARE AND IMPLEMENT A STORM WATER POLLUTION PREVENTION PLAN (SWPPP). I AUTHORIZE THE COUNTY OF EL DORADO TO REVIEW AND REQUIRE REVISIONS TO THE SWPPP, AND TO INSPECT AND ENFORCE ALL TEMPORARY AND PERMANENT STORM WATER QUALITY AND EROSION AND SEDIMENT CONTROL MEASURES AT THE SITE DURING CONSTRUCTION, AT THE COUNTY'S DISCRETION.

[Signature] DATE: 7/14/22
 ENGINEER

OWNER/DEVELOPER _____ DATE _____

EARTHWORK QUANTITIES

CUT: 1,939 CY

FILL: 1,146 CY

AREA OF DISTURBANCE

1.50 AC

UTILITY REPRESENTATIVES

UTILITY	REPRESENTATIVE	TELEPHONE
GAS	PG & E	SARABETH PANELA (628)200-1824
ELECTRICITY	PG & E	SARABETH PANELA (628)200-1824
TELEPHONE	AT&T	WILLARD ASTRID (916)453-6136
WATER	ED	MIKE BRINK (530)642-4054
SEWER	ED	MIKE BRINK (530)642-4054
DRAINAGE	EL DORADO COUNTY	CONTACT INSPECTOR (530)621-5900
U.S.A.		811
FIRE	EL DORADO HILLS FIRE	CASEY RANDELL (916)933-6623
CABLE	COMCAST	AVGOSTIN MARCHENKO (916)376-7783

BENCH MARK: ELEV.=693.54

2 1/2" ALUMINUM DISK IN WELL MONUMENT STAMPED DEPARTMENT OF TRANSPORTATION CA-HPGN-DENSIFICATION STA 03-DL 1994 ±100' NORTH OF HIGHWAY 50 BRIDGE AND ±75' WEST OF SILVA VALLEY ROAD, ±3' EAST OF FENCE.

BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS BASED UPON THE CALIFORNIA COORDINATE SYSTEM, ZONE 2, NAD 83, EPOCH DATE 1991.35, BASED UPON THE FOLLOWING NGS STATIONS AND THEIR PUBLISHED COORDINATE VALUES:

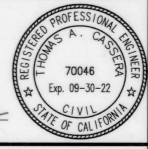
HPGN D CA 03 DL	N 2,002,758.65	E 6,830,811.18
SHINGLE (HPGN D CA 03 BL)	N 2,004,431.78	E 6,865,232.32

THE BEARING BETWEEN THESE STATIONS TAKEN AS N. 87°13'02" E. AND ARE TIED TO THIS SURVEY AS SHOWN HEREON. ALL DISTANCES SHOWN ARE GROUND DISTANCES.

WIDD No: FORTHCOMING

PREPARED UNDER THE DIRECTION OF:

[Signature] 7/14/22
 THOMAS A. CASSERA DATE



FIRE DEPARTMENT APPROVAL

APPROVED BY:

COUNTY OF EL DORADO PLANNING & BUILDING DEPARTMENT

EL DORADO HILLS FIRE DEPT. DATE _____

COUNTY OF EL DORADO DEPARTMENT OF TRANSPORTATION

ADAM J. BAHE, R.C.E. 61363 DATE: 7-15-22

THE COUNTY'S SIGNATURE IS FOUNDED ON THE PREMISE THAT THE OWNER AND ENGINEER OF RECORD HAVE PROVIDED ACCURATE INFORMATION TO THE COUNTY. IF ANY OF THE INFORMATION IS FOUND TO BE ERRONEOUS, THEN THE COUNTY MAY REQUIRE THE OWNER, ENGINEER OF RECORD AND CONTRACTOR TO STOP ALL NON-EROSION CONTROL RELATED WORK UNTIL THE DISCREPANCY IS RECTIFIED TO THE SATISFACTION OF THE COUNTY.

cta Engineering & Surveying
 Civil Engineering & Land Surveying
 3233 Monroe Circle, Rancho Conejo, CA 94242
 T (916) 636-0819 F (916) 636-0879 www.cta.com

DEVELOPER/OWNER
 TOLL BROTHERS
 2830 E. BIDWELL STREET, SUITE 201
 FOLSOM, CA 95630
 (916) 356-3701

IMPROVEMENT PLANS FOR:
 OFF-SITE BIKE PATH
 COVER SHEET
 AH 21-0004

COVER SHEET

DRAWN BY: M. BARCHANK
 DESIGNED BY: M. BARCHANK
 CHECKED BY: T. CASSERA
 DATE: AS SHOWN
 SCALE: JULY, 2022
 SHEET NO. 1 OF 19
 JOB NO.: 05-012-002