Addendum #1



Capital Project Committee

	Project Information
Project Name:	37th St. and Two Rivers Parkway Traffic Signal RFP
Bid Number:	RFP #FD20-05-091
Date:	3526/2020
Project Manager:	Dave Wells
	Addendum Items
Item 1	Due to the corona-virus, the City is requiring the following for submitting proposals:
	see attached instructions for submittal of proposals
Item 2	Is a SUE survey required? The project does need to comply with SUE regulations. Timing and exten of potholes for level A survey should be part of proposal.
item 3	Will the City provide the Stantec concept? Yes, see attached.
Item 4	Is the City expecting a span wire or mast arm signal? The design will be for a mast arm system. Span wire is not desired
Item 5	For the Quality Level A utility locates, It would be helpful if we had a number of test holes to use in our proposal. The number of test holes needed for level A locates is not known.
Item 6	Where is the parcel that needs to be acquired for this project? Right-of-way is needed from the parcel on the south west quadrant.
Item 7	What is the extent of the Street Lighting on the project? Street lighting is limited to new lights on traffic signal poles.
Item 8	Is the Signal warrant study available for our use? See attached.

ONLY ELECTRONIC RFP RESPONSES WILL BE ACCEPTED DURING THE COVID-19 EVENT

Instructions for electronic submittal.

Email your RFP Response to purchasing@greeleygov.com. Submit your RFP response to this email only – please do not email to multiple people. Only email's sent to purchasing@greeleygov.com will be considered as responsive to the request for proposals. Emails sent to other City emails may be considered as non-responsive and may not be reviewed.

Proposals shall be submitted in a single Microsoft Word or PDF file under 20MB

The RFP number and Project name **must be noted** in the subject line, otherwise the proposal may be considered as non-responsive to the RFP.

Electronic submittals will be held, un-opened, until the time and date noted in the RFP documents or posted addenda.

37TH STREET AND TWO RIVERS PARKWAY CONSTRUCTION DRAWINGS

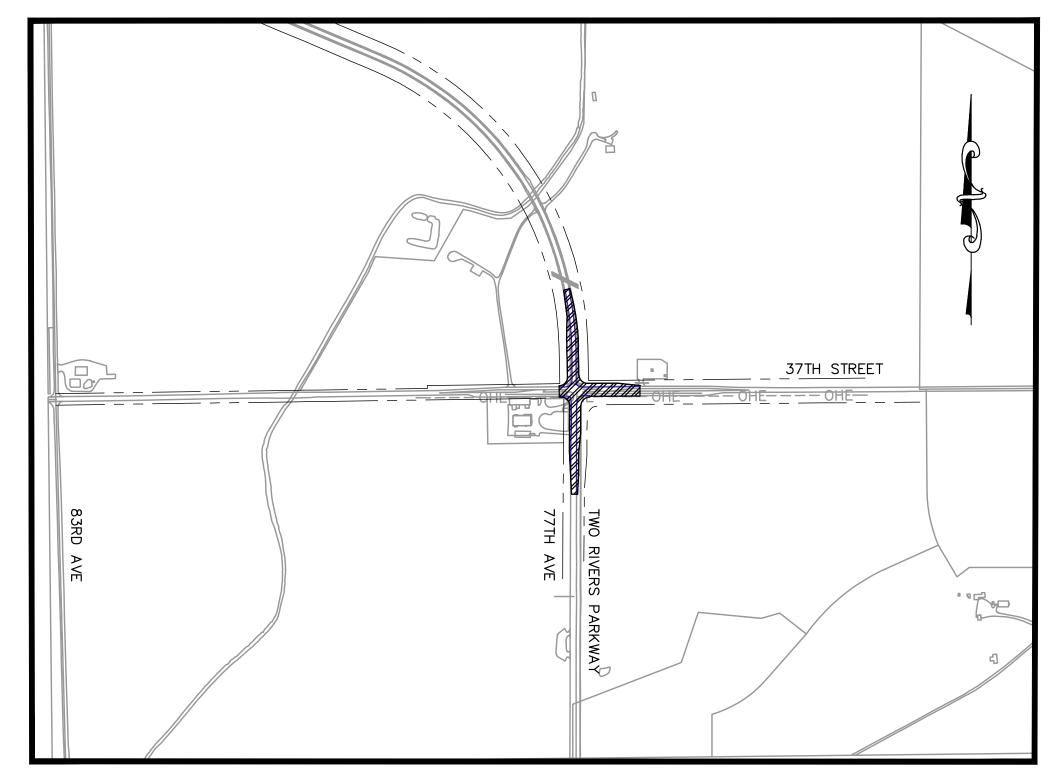
PREPARED FOR: CITY OF GREELEY, TRAFFIC SERVICES

1300 A STREET, GREELEY, CO 80631

PH: 970-350-9555 EMAIL: SCOTT.LOGAN@GREELEYGOV.COM

AS CONSTRUCTED INFORMATION

CONTRACTOR
ENGINEER
PROJECT STARTED
PROJECT COMPLETED
AS CONSTRUCTED PLANS
APPROVED
TITLE DATE



LOCATION MAP

CONTACT INFORMATION:

CLIENT:

MR. SCOTT LOGAN
CITY OF GREELEY
1300 A STREET
GREELY, CO 80631

ENGINEER / PLANNER:

MR. CHRIS DAY
STANTEC CONSULTING INC.
2000 SOUTH COLORADO BOULEVARD
SUITE 2-300, DENVER, CO 80222

CONSTRUCTION MUST BE IN ACCORDANCE WITH APPLICABLE CITY OF GREELEY CONSTRUCTION STANDARDS. THE CITY'S ACCEPTANCE ALLOWS FOR PLAN DISTRIBUTION AND PERMIT APPLICATION. THE CITY'S ACCEPTANCE SHALL NOT RELIEVE THE DESIGN ENGINEER'S RESPONSIBILITY FOR ERRORS, OMISSIONS, OR DESIGN DEFICIENCIES FOR WHICH THE CITY IS HELD HARMLESS.

ACCEPTED BY:		
	CITY ENGINEER	DATE
ACCEPTED BY:		
	WATER/SEWER DIRECTOR	DATE
ACCEPTED BY:		
	GREELEY FIRE CHIEF	DATE

SHEET INDEX

PS3.1 TITLE SHEET
PS3.2 GENERAL NOTES
PS3.3 SUMMARY OF APPROXIMATE QUANTITIES
PS3.4 TYPICAL SECTIONS
PS3.5 GEOMETRIC LAYOUT
PS3.6 PLAN AND PROFILE
PS3.7 PLAN AND PROFILE
PS3.8 SIGNAL PLANS
PS3.9 GRADING AND DRAINAGE PLAN
PS3.10 DRAINAGE DETAILS
PS3.11 SIGNING AND STRIPING PLAN



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

Computer File Information	Index of Revisions		CITY OF GREELEY	Project No./Code
Creation Date: November 20, 2019 Initials: ———		Stantec Consulting Inc. 2000 S. Colorado Blvd. 30% REVIEV	37TH STREET AND TWO RIVERS PARKWAY IMPROVEMENTS	110,000 110.70000
Last Modification Date: 11/20/2019 7:27 PM Initials: TAPEARCE		City of Colorado Colo	TITLE SHEET	
Full Path & Drawing File Name:		Greeley () Stantec Denver CO U.S.A. 80222 Tel. 303.758.4058	Designer: Structure	DC2 1
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GENERAL

- 1. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE CITY OF GREELEY MSDS STANDARD.
- 2. PRIOR TO COMMENCING ANY WORK, THE CONTRACTOR IS REQUIRED TO SUBMIT IN WRITING A DETAILED PLAN OF OPERATIONS AND BARCHART SCHEDULE OF COMPLETION.
- 3. THE CONTRACTOR SHALL PROVIDE CITY OF GREELEY AND THE 911 OPERATOR WITH THE NAME AND PHONE NUMBER OF THEIR REPRESENTATIVE TO BE CONTACTED DURING WORKING AND NON-WORKING HOURS AS NECESSARY.
- 4. A QUALIFIED SUPERINTENDENT, WHO IS ACCEPTABLE TO THE OWNER, SHALL BE APPOINTED TO SUPERVISE THE WORK UNTIL COMPLETION. THE SUPERINTENDENT SHALL HAVE FULL AUTHORITY TO ACT IN BEHALF OF THE CONTRACTOR, AND ALL DIRECTIONS GIVEN TO THE SUPERINTENDENT SHALL BE CONSIDERED GIVEN TO THE CONTRACTOR.
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ALL REQUIRED PERMITS TO COMPLETE THE CONSTRUCTION CONTAINED ON THESE DOCUMENTS AND SHALL COMPLY WITH ALL PERTINENT LOCAL, STATE AND FEDERAL REGULATIONS AND REQUIREMENTS. THE CONTRACTOR SHALL MAINTAIN MINIMUM STATUTORY INSURANCE COVERAGE DURING CONSTRUCTION AND SHALL INDEMNIFY THE OWNER/DEVELOPER IN ACCORDANCE WITH THEIR REQUIREMENTS.
- 6. ENGINEERING AND UTILITY SPECIFICATIONS AND REQUIREMENTS: RESULTS WILL BE PROVIDED ACCORDINGLY, TO INCLUDE ANY RETESTING OF FAILED WORK, THE COST OF RETESTING BEING BORNE BY THE CONTRACTOR.
- 7. THE CONTRACTOR SHALL MAINTAIN AN "AS CONSTRUCTED" RECORD OF ALL UTILITY CONSTRUCTION AND SHALL FURNISH A COPY OF SAME TO THE CITY OF GREELEY AND THE ENGINEER UPON COMPLETION OF CONSTRUCTION.
- 8. PROVIDE WARRANTY COVERAGE ON ALL WORKMANSHIP AND MATERIAL IN ACCORDANCE WITH THE ACCESS PERMIT AND CURRENT CITY OF GREELEY REQUIREMENTS.
- 9. THE OWNER WILL CONTRACT WITH A QUALIFIED QUALITY CONTROL TESTING LABORATORY TO CONDUCT TESTING OF SUBGRADE AND MATERIALS. TESTING SCHEDULE WILL BE COMPLETED IN ACCORDANCE WITH THEIR REQUIREMENTS.

SITE PREPARATION

- 10. CONTRACTOR SHALL FIELD VERIFY PROFILE GRADES AND ADJUST GRADES WHERE DIRECTED BY
- 11. IF FIELD CONDITIONS ARE FOUND TO BE DIFFERENT THAN SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE FIELD ENGINEER IMMEDIATELY SO THAT APPROPRIATE ACTION CAN BE TAKEN BY THE OWNER.
- 12. PRIOR TO STARTING CONSTRUCTION, PREPARE A TRAFFIC CONTROL PLAN AND OBTAIN APPROVAL FROM THE CITY OF GREELEY TRAFFIC ENGINEER OR THEIR REPRESENTATIVE. MAINTAIN ONE LANE OF TRAFFIC MOVEMENT IN EACH DIRECTION DURING CONSTRUCTION UNLESS OTHER ARRANGEMENTS (ONE WAY, DETOUR, ETC.) ARE MADE WITH THE CITY OF GREELEY DURING TRAFFIC CONTROL PLAN PREPARATION.
- 13. DEMOLITION INCLUDES REMOVAL OF ALL PERMANENT SIGNAGE FROM WITHIN THE AREA OF WORK AND DELIVERY TO THE CITY OF GREELEY MAINTENANCE YARD. ASPHALT REMOVAL SHALL CONSIST OF SAW CUTTING AND REMOVAL TO AN APPROVED OFFSITE DISPOSAL SITE.
- 14. THE CONTRACTOR SHALL NOT REMOVE ANY EXISTING SIGNS OR PAVEMENT MARKINGS DURING PROJECT WITHOUT SIGNED AUTHORIZATION OF THE CITY OF GREELEY TRAFFIC ENGINEER OR THEIR REPRESENTATIVE.
- 15. CONTRACTOR SHALL PROTECT ALL CITY OF GREELEY AND OTHERS MONUMENTS, INCLUDING PROPERTY CORNERS WITHIN THE PROJECT LIMITS. ANY MONUMENT WHICH IS DISTURBED OR DESTROYED BY THE CONTRACTOR WILL BE RESTORED IN ACCORDANCE WITH CDOT STANDARDS AT THE CONTRACTOR'S EXPENSE. ALL MONUMENTS AND PROPERTY CORNERS WILL BE ADJUSTED TO FINAL GRADE PER CDOT STANDARDS.
- 16. THE CONTRACTOR SHALL PROVIDE ALL CONSTRUCTION SURVEYING.
- 17. EXISTING TREES SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION. TREES SHALL NOT BE REMOVED UNLESS AUTHORIZED BY THE OWNER / FIELD ENGINEER.
- 18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPERLY DISPOSING OF ALL REMOVALS OFF THE PROJECT SITE. COST FOR DISPOSAL OF ALL REMOVED ITEMS SHALL BE INCLUDED IN THE WORK.

EROSION CONTROL

- 19. ALL PERSONS ENGAGING IN EARTH DISTURBANCES SHALL IMPLEMENT AND MAINTAIN ACCEPTABLE SOIL EROSION AND SEDIMENT CONTROL MEASURES INCLUDING BMP'S IN CONFORMANCE WITH THE EROSION CONTROL TECHNICAL STANDARDS OF THE CITY OF GREELEY.
- 20. REGARDLESS OF THE SIZE OF THE SITE, SEDIMENT (MUD AND DIRT) TRANSPORTATION ONTO PUBLIC ROAD SHALL BE CLEANED AT THE END OF EACH DAY.
- 21. CONCRETE WASH WATER SHALL NOT BE DISCHARGED TO OR ALLOWED TO RUNOFF TO STATE WATERS, INCLUDING ANY SURFACE OR SUBSURFACE STORM DRAINAGE SYSTEM OR FACILITIES.
- 22. ALL NEWLY GRADED AND DISTURBED AREAS SHALL REQUIRE EROSION CONTROL, INCLUDING STABILIZATION AS DESCRIBED IN SECTION 208.04(D) OF THE CDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- 23. AT SEEDING AND SOD LOCATIONS, CONTRACTOR SHALL INSTALL A MINIMUM OF 4 INCH OF TOP SOIL PRIOR TO PLANTING GRASS.
- 24. WATER USED AS A DUST PALLIATIVE AND WATER REQUIRED FOR AIR POLLUTION CONTROL FOR REMOVAL ITEMS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN COST OF OTHER WORK.
- 25. THE SITE SHALL BE STABILIZED WITH EROSION CONTROL MEASURES ACCORDING TO CDOT AND/OR CITY OF GREELEY CRITERIA, AS DIRECTED BY FIELD ENGINEER. AT A MINIMUM STRAW WADDLES SHALL BE USED TO PREVENT SEDMIENT FROM LEAVING THE SITE.
- 26. ALL DISTURBED AREAS THAT ARE NOT TO BE PAVED SHALL BE RESEEDED WITH NATIVE GRASSES, OR LANDSCAPED AND SODDED. THE SCHEDULE FOR REVEGETATION AND OTHER EROSION CONTROL ACTIVITIES IS AS FOLLOWS:

XXXXX 20XX

XXXXX 20XX

SEEDING HAYBALES

GRADING

HAYBALE

- 27. UTILITIES TO BE COORDINATED, DESIGNED, EXTENDED AND/OR RELOCATED BY OTHERS.
- 28. UTILITY LOCATIONS ARE ONLY APPROXIMATE AS PROVIDED BY THE VARIOUS UTILITY COMPANIES. ALL UTILITIES MAY NOT BE SHOWN ON THESE PLANS. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES, BOTH HORIZONTALLY AND VERTICALLY, PRIOR TO BEGINNING CONSTRUCTION. ANY DISCREPANCIES OR VARIATION IN UTILITY LOCATION FROM THAT SHOWN ON

- THESE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE FIELD ENGINEER AND RESOLVED PRIOR TO BEGINNING CONSTRUCTION IN ANY AREA. UTILITY LOCATIONS CAN BE COORDINATED THROUGH CENTRAL LOCATING AT 1-800-922-1987. IF ANY DAMAGE OCCURS TO THESE UTILITIES DURING CONSTRUCTION, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR OR REPLACE THE UTILITY. THE CONTRACTOR IS RESPONSIBLE FOR ANY UTILITIES DISRUPTED BY THE CONSTRUCTION AND ALL EXPENSES INCURRED FOR REPAIR.
- 29. NOT ALL UTILITY RELOCATIONS ARE SPECIFICALLY CALLED OUT ON THE PLANS. UTILITY RELOCATIONS SHALL BE IDENTIFIED AND PERFORMED BY THE UTILITY OWNER, OR THEIR DESIGNATED CONTRACTOR. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY PROVIDERS FOR UTILITY RELOCATION AND REPLACEMENT.
- 30. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES AT LEAST 48 HOURS IN ADVANCE OF THE ACTUAL STARTING DATE OF CONSTRUCTION. THE CONTRACTOR SHALL USE CAUTION WORKING OVER AND AROUND ALL UTILITY LINES. BREAKS IN THE COST TO THE OWNER. UTILITY INFORMATION AS SHOWN ON PLANS IS PLOTTED FROM THE BEST AVAILABLE INFORMATION, AND THE ENGINEER DOES NOT GUARANTEE THE ACCURACY OF THIS INFORMATION. UTILITIES HAVE NOT BEEN FIELD VERIFIED. CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL THE NECESSARY UTILITIES FOR LOCATIONS PRIOR TO ANY DIGGING. CONTRACTOR IS ALSO RESPONSIBLE FOR COORDINATING ANY UTILITY RELOCATIONS. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT INCLUDED IN THE COST OF OTHER WORK.
- 31. THE CONTRACTOR SHALL ADJUST ANY VALVES OR MANHOLES OF EXISTING UTILITIES NOT TO BE RELOCATED TO THE PROPOSED GRADE.
- 32. A REPRESENTATIVE OF CITY OF GREELEY IS REQUIRED TO BE ON SITE DURING EXCAVATION AND CONSTRUCTION AROUND UNDERGROUND FACILITIES. IT IS THE CONSTRUCTION CONTRACTOR'S RESPONSIBILITY TO CITY OF GREELEY 48 HOURS PRIOR TO CONSTRUCTION.
- 33. ALL PIPES AND CONCRETE BOX CULVERTS INSTALLED ON THE PROJECT SHALL BE PAID FOR "COMPLETE IN PLACE". TRENCH EXCAVATION, BEDDING, BACKFILL, ETC WILL NOT BE PAID FOR SEPARATELY.

EARTHWORK

- 34. COMPACTION OF SUBGRADE SHALL MEET THE REQUIREMENT OF 95% MAXIMUM DRY DENSITY AS DETERMINED BY AASHTO T-99. SUB-GRADE SHALL BE PROOF ROLLED IN ACCORDANCE WITH SECTION 203 OF THE STANDARD SPECIFICATIONS.
- 35. COMPACTION OF BASE FOR CUTS AND FILLS AND DISPOSAL OF UNUSABLE OR EXCESS MATERIAL WILL BE CONSIDERED INCIDENTAL TO EMBANKMENT PAY ITEM AND SHALL NOT BE PAID FOR SEPARATELY.
- 36. PRIOR TO PLACING NEW PAVEMENT SECTIONS, THE SUBGRADE SHALL BE RECONDITIONED IN ACCORDANCE WITH SECTION 306 OF THE CDOT STANDARD SPECIFICATIONS. THE RECONDITIONED SURFACE SHALL BE PROOF—ROLLED WITH A HEAVY LOADED PNEUMATIC—TIRED VEHICLE HAVING A SINGLE AXLE WEIGHT OF AT LEAST 18 KIPS. AREAS WHICH DEFORM UNDER HEAVY WHEEL LOADS SHALL BE REMOVED AND REPLACED TO ACHIEVE A STABLE SUBGRADE PRIOR TO PAVING.
- 37. DEPTH OF MOISTURE—DENSITY CONTROL FOR THIS PROJECT SHALL BE AS FOLLOWS: FULL DEPTH OF ALL EMBANKMENTS

BASES OF CUTS AND FILL - 1.00 FOOT

PAVING

- 38. ANY LIFT OF BITUMINOUS PAVEMENT THAT IS TO HAVE A SUCCEEDING LIFT PLACED THEREON SHALL BE COMPLETED BEFORE THE SUCCEEDING LAYER IS PLACED.
- 39. WHERE IT IS REQUIRED TO SAW CUT EXISTING PAVEMENT AS SHOWN ON PLANS, THE CUTTING SHALL BE DONE TO A NEAT WORK LINE WITH A CUTTING WHEEL ATTACHED TO A BLADE OR OTHER METHOD AS APPROVED BY THE FIELD ENGINEER.
- 40. WHERE BITUMINOUS PAVEMENT JOINS EXISTING PAVEMENT, THE EXISTING PAVEMENT SHALL BE SAW CUT SQUARE AND COATED WITH ONE COAT OF UNDILUTED EMULSIFIED ASPHALT IMMEDIATELY PRIOR TO PLACEMENT OF FRESH BITUMINOUS PAVEMENT. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED SUBSIDIARY TO THE WORK. AREAS TO BE REMOVED SHALL BE DESIGNATED BY THE FIELD ENGINEER AS SHOWN ON THE PLANS.
- 41. ANY LAYER OF BITUMINOUS PAVEMENT THAT IS TO HAVE A SUCCEEDING LAYER PLACED THEREON SHALL BE COMPLETED FULL WIDTH IN EACH PHASE BEFORE SUCCEEDING LAYER IS PLACED.

SIGNING AND STRIPING

- 42. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NEW, TEMPORARY, AND EXISTING TRAFFIC SIGNS FROM THE START OF THE CONSTRUCTION PROJECT UNTIL ACCEPTANCE BY CITY OF GREELEY.
- 43. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PAVEMENT MARKINGS TO INCLUDING REMOVAL OF EXISTING PAVEMENT MARKINGS (SCARRING OF EXISTING ASPHALT IS NOT PERMITTED) AND INSTALLATION OF NEW PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKINGS. AT NO TIME WILL IT BE ACCEPTABLE TO PAINT OVER EXISTING PAVEMENT MARKINGS.
- 44. ALL PAVEMENT MARKING SYMBOLS AND WORDS SHALL BE THE PREFORMED THERMOPLASTIC
- TYPE. ALL OTHER MARKINGS SHALL BE EPOXY.

 45. ALL PERMANENT SIGNS SHALL BE ACCORDING TO THE STANDARDS OF THE CITY OF GREELEY.

CITY OF GREELEY CONSTRUCTION PLANS STANDARD NOTES

- 1. ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY, OR EASEMENT SHALL CONFORM TO THE CITY OF GREELEY CONSTRUCTION SPECIFICATIONS AND DESIGN STANDARDS.
- 2. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS PRIOR TO COMMENCEMENT OF ANY WORK ON THE PROJECT. A PERMIT FROM PUBLIC WORKS DEPARTMENT (970-350-9881) IS REQUIRED FOR ALL CONSTRUCTION IN PUBLIC RIGHT-OF-WAY OR EASEMENTS. A PRE-CONSTRUCTION CONFERENCE SHALL BE HELD WITH CITY REPRESENTATIVES BEFORE A PERMIT WILL BE ISSUED. CALL UTILITY NOTIFICATION CENTER OF COLORADO AT 1-800-922-1987 FOR UTILITY LOCATES AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
- 3. THE CONTRACTOR SHALL NOTIFY CONSTRUCTION SERVICES (970-350-9358) AT LEAST 24 HOUR PRIOR TO REQUIRED INSPECTION.
- 4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNER/ DEVELOPER, AND THE CITY, OF ANY PROBLEMS IN CONFORMING TO THE ACCEPTED PLANS FOR ANY ELEMENT OF THE PROPOSED IMPROVEMENTS PRIOR TO ITS CONSTRUCTION.
- 5. IT IS THE RESPONSIBILITY OF THE DEVELOPER DURING CONSTRUCTION ACTIVITIES TO RESOLVE CONSTRUCTION PROBLEMS DUE TO CHANGED CONDITIONS, OR DESIGN ERRORS ENCOUNTERED BY THE CONTRACTOR DURING THE PROGRESS OF ANY PORTION OF THE PROJECT. IF, IN THE OPINION OF THE CITY, THE MODIFICATIONS PROPOSED BY THE DEVELOPER, TO THE ACCEPTED PLANS, INVOLVE SIGNIFICANT CHANGES TO THE CHARACTER OF THE WORK, OR TO THE FUTURE CONTIGUOUS PUBLIC OR PRIVATE IMPROVEMENTS, THE DEVELOPER SHALL BE RESPONSIBLE FOR RE—SUBMITTING THE REVISED PLANS TO THE CITY OF GREELEY FOR ACCEPTANCE PRIOR TO ANY FURTHER CONSTRUCTION RELATED TO THAT PORTION OF THE PROJECT. ANY IMPROVEMENTS NOT CONSTRUCTED IN ACCORDANCE WITH THE ACCEPTED PLANS, OR THE ACCEPTED REVISED PLANS, SHALL BE REMOVED AND RECONSTRUCTED ACCORDING TO THE APPROVED PLAN.
- 6. THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR THE CONDITIONS AT AND ADJACENT TO THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, DURING THE PERFORMANCE OF THE WORK. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS. THE DUTY OF THE CITY TO CONDUCT CONSTRUCTION REVIEW OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES IN, ON, OR NEAR THE CONSTRUCTION SITE.
- 7. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAG PERSONS, OR OTHER DEVICES NECESSARY TO PROVIDE FOR PUBLIC SAFETY IN ACCORDANCE WITH THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND THE GREELEY SUPPLEMENT TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- 8. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL SURVEY MONUMENTS. ANY MONUMENT THAT MUST BE DESTROYED FOR CONSTRUCTION SHALL BE REPLACED. THE CONTRACTOR SHALL ENGAGE THE SERVICES OF A PROFESSIONAL LICENSED SURVEYOR (PLS) PRIOR TO DISTURBING ANY MONUMENTS.
- 9. PRIOR TO FINAL PLACEMENT OF SURFACE PAVEMENT, ALL UNDERGROUND UTILITY MAINS SHALL BE INSTALLED AND SERVICE CONNECTIONS STUBBED OUT BEYOND CURB LINE, WHEN ALLOWED BY THE UTILITY. SERVICE FROM PUBLIC UTILITIES AND FROM SANITARY SEWERS SHALL BE MADE AVAILABLE FOR EACH LOT IN SUCH A MANNER THAT WILL NOT BE NECESSARY TO DISTURB THE STREET PAVEMENT, CURB, GUTTER, AND SIDEWALK WHEN CONNECTIONS ARE MADE.
- 10. A GEOTECHNICAL REPORT HAS BEEN PREPARED BY ______ (INCLUDE REPORT DATE AND PROJECT #) FOR RIGHT—OF—WAY GRADING AND PAVING. REFER TO GEOTECHNICAL REPORT FOR ANY REQUIREMENTS EXCEEDING CITY STANDARDS. A FINAL PAVEMENT DESIGN REPORT IS ALSO REQUIRED. THE SOIL INVESTIGATION FOR THIS REPORT SHALL OCCUR AFTER UTILITY CONSTRUCTION AND GRADING FOR STREETS IS COMPLETED TO WITHIN 6" OF ANTICIPATED SUBGRADE. THE FINAL PAVEMENT DESIGN REPORT SHALL BE ACCEPTED BY THE CITY OF GREELEY PRIOR TO ANY NON—STRUCTURAL CONCRETE, PAVEMENT OR SUBGRADE INSTALLATION.



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

Computer File Information Creation Date: November 20, 2019 Initials: CLD	Index of Revisions		Stantec Consulting Inc. 2000 S. Colorado Blvd.		CITY OF GRE 37TH STREET AND TWO RIVERS PA		Project No./Code
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ITEM NO.	CONTRACT ITEM	UNIT	PLAN
201-00000	Clearing and Grubbing	ACRE	2
202-00000	Removal of Structures and Obstruction	LS	1
202-00035	Removal of Pipe	LF	80
202-00220	Removal of Asphalt Mat (Full Depth)	SY	550
202-00240	Removal of Asphalt Mat (Planning)	SY	5500
202-01130	Remove Light Pole / Signs	LS	1
202-05026	Sawing Asphalt Material (6 Inch)	LF	3200
203-00010	Unclassified Excavation (Complete In Place)	CY	1900
203-00060	Embankment Material (Complete In Place) (Information Only)	CY	1100
207-00205	Top Soil	CY	450
208-00200	Erosion Control	LS	1
210-01000	Reset Fence	LF	175
210-04050	Adjust Valve Box	EACH	3
304-06000	Aggregate Base Course (Class 6)	TON	1700
403-XXXXX	Tru-Pave 12' (Includes AC 20)	SY	5100
403-33801	Hot Mix Asphalt (Grading S) (100)	TON	2400
603-01180	18 Inch Reinforced Concrete Pipe (Class IV)	LF	290
603-05018	18 Inch FES (Class IV)	EACH	4
613-07034	Pull Box (24"x36"x18")	EACH	4
613-00200	2 Inch Electrical Conduit	LF	400
613-00300	3 Inch Electrical Conduit	LF	850
613-10000	Electrical Wiring	LS	1
613-70250	Luminaire LED (250 Watt)	EACH	4
614-00011	Sign Panel (Class II)	SF	36
614-70336	Traffic Signal Face (12-12-12)	EACH	8
614-70560	Traffic Signal Face (12-12-12)	EACH	8
614-72855	Traffic Signal Controller Cabinet	EACH	1
614-81135	Traffic Signal-Light Pole Steel (1-35 Foot Mast Arm)	EACH	1
614-81140	Traffic Signal-Light Pole Steel (1-40 Foot Mast Arm)	EACH	1
614-81145	Traffic Signal-Light Pole Steel (1-45 Foot Mast Arm)	EACH	2
614-72886	Intersection Detection System (Camera)	EACH	4
614-86245	Controller (Type 170)	EACH	1
625-00000	Pavement Marking Paint (Epoxy)	Gal	25
626-00000	Thermoplastic Pavement Marking (Word-Symbol)	SF	350
627-00005	Thermoplastic Pavement Marking (Xwalk-Stopline)	SF	450
627-30205	Traffic Control and Management	LS	1
	Construction Surveying	LS	1
630-00012	Mobilization	LS	1
700-70010	ROW	SF	1230
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CALL 2-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR MARKING OF UNDERGROUND MEMBER UTILITIES

Project No./Code

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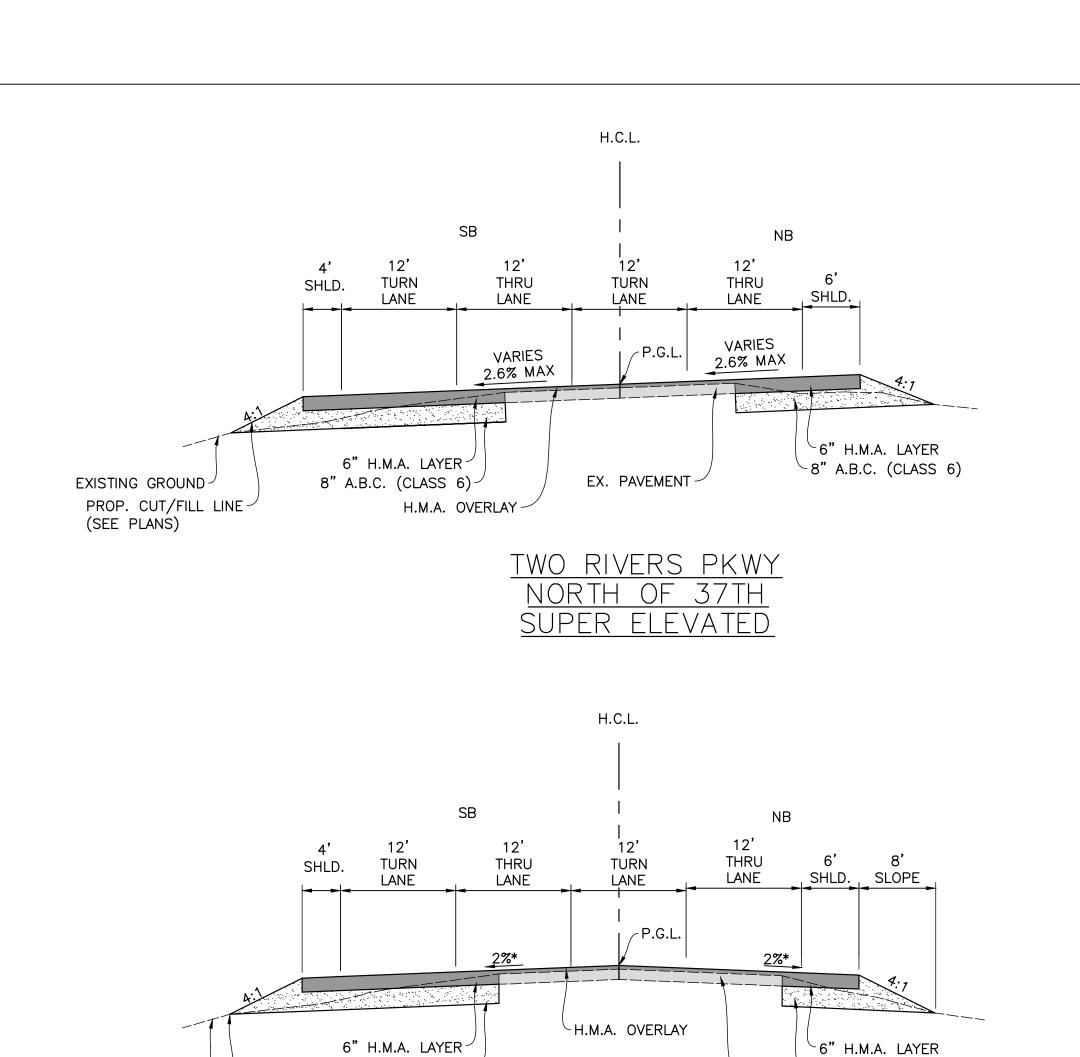


www.stantec.com

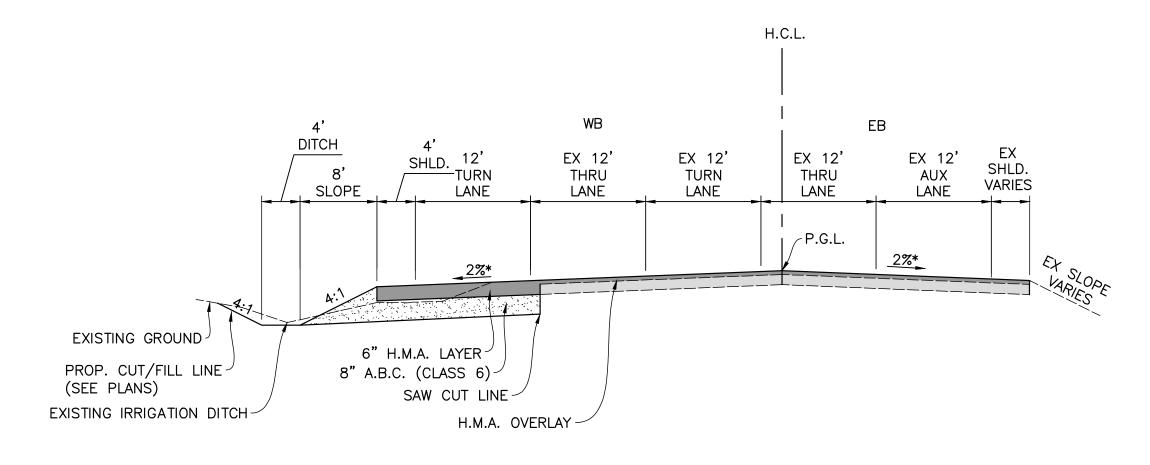
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37TH STREET	AND	TWO	RIVE	RS	PARKWA'	Y IM	PROVEM	ENTS
UMMARY	OF	AP	PR	XC	IMATE		QUANT	TITIES

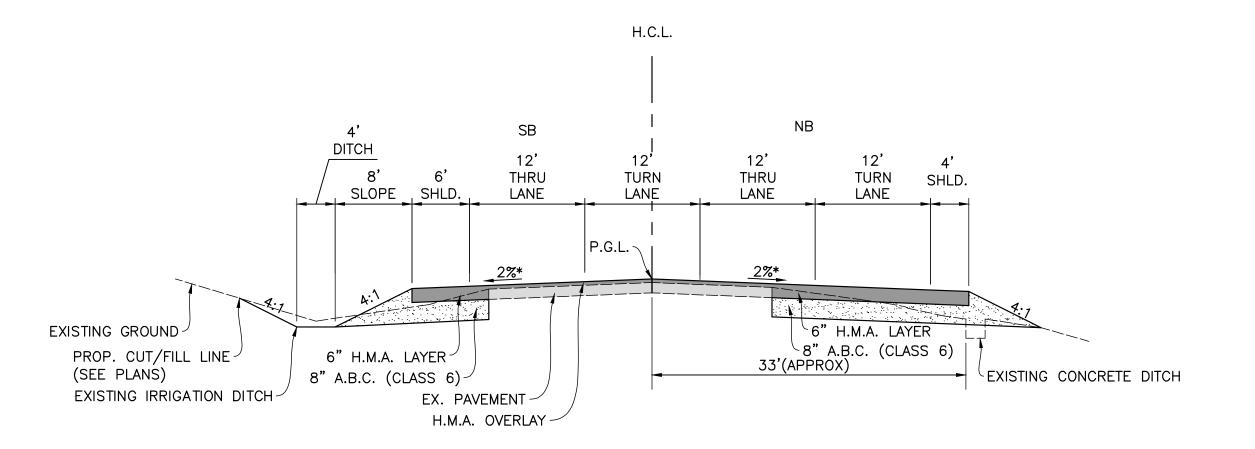
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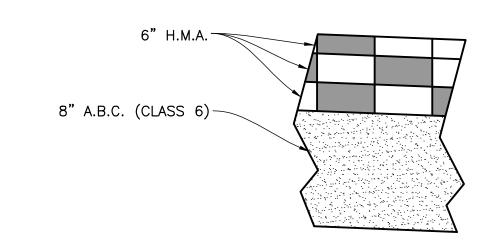


TWO RIVERS PKWY NORTH OF 37TH



TWO RIVERS PKWY SOUTH OF 37TH





DETAIL-PAVEMENT STRUCTURE

Detailer:

Sheet Subset:



1. ALL BREAK POINTS ON SLOPES AND IN DITCH BOTTOMS TO BE ROUNDED DURING CONSTRUCTION. 2. THE EXISTING PAVEMENT SHALL BE SAW CUT TO A NEAT VERTICAL EDGE FOR ANY AREAS WHERE NEW PAVEMENT WILL BE CONSTRUCTED ADJACENT TO THE EXISTING, AS DENOTED ON THE TYPICAL

SECTIONS. SAW CUT LINE (WHERE REQUIRED) IS 1' MIN. INSIDE EXISTING EOA, AND WHERE

3. DISTURBED AREAS SHALL HAVE 4" TOPSOIL, SEEDING AND MULCHING, UNLESS THEY REQUIRE DITCH STABILIZATION.

MATCHING EXISTING PAVEMÈNT. SEE PLANS.

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Last Modification Date: 11/27/2019 2:36 PM Initials: TAPEARCE		Ci
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V:\1817\ACTIVE\181710602\TRANSPORTATION\DRAWING\PS3.4.DWG		
Acad Ver. C3D2018 Scale: NOTED Units: Feet		

EXISTING GROUND

(SEE PLANS)

PROP. CUT/FILL LINE -



8" A.B.C. (CLASS 6)

EX. PAVEMENT



Stantec Consulting Inc. 2000 S. Colorado Blvd. Suite 2-300
Denver CO U.S.A. 80222
Tel. 303.758.4058
Fax. 303.758.4828 www.stantec.com

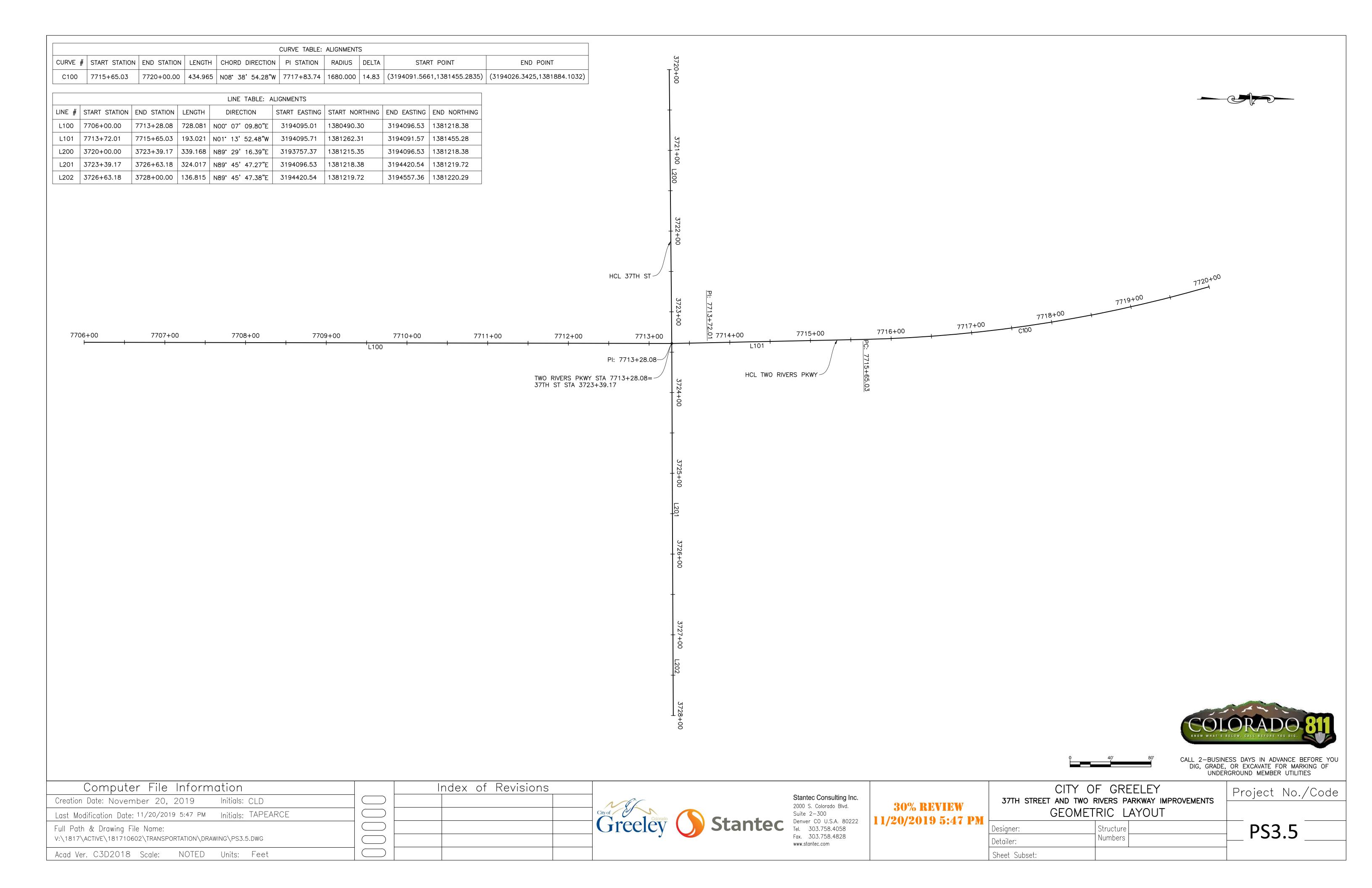
30% REVIEW	
11/27/2019 2:36	PM

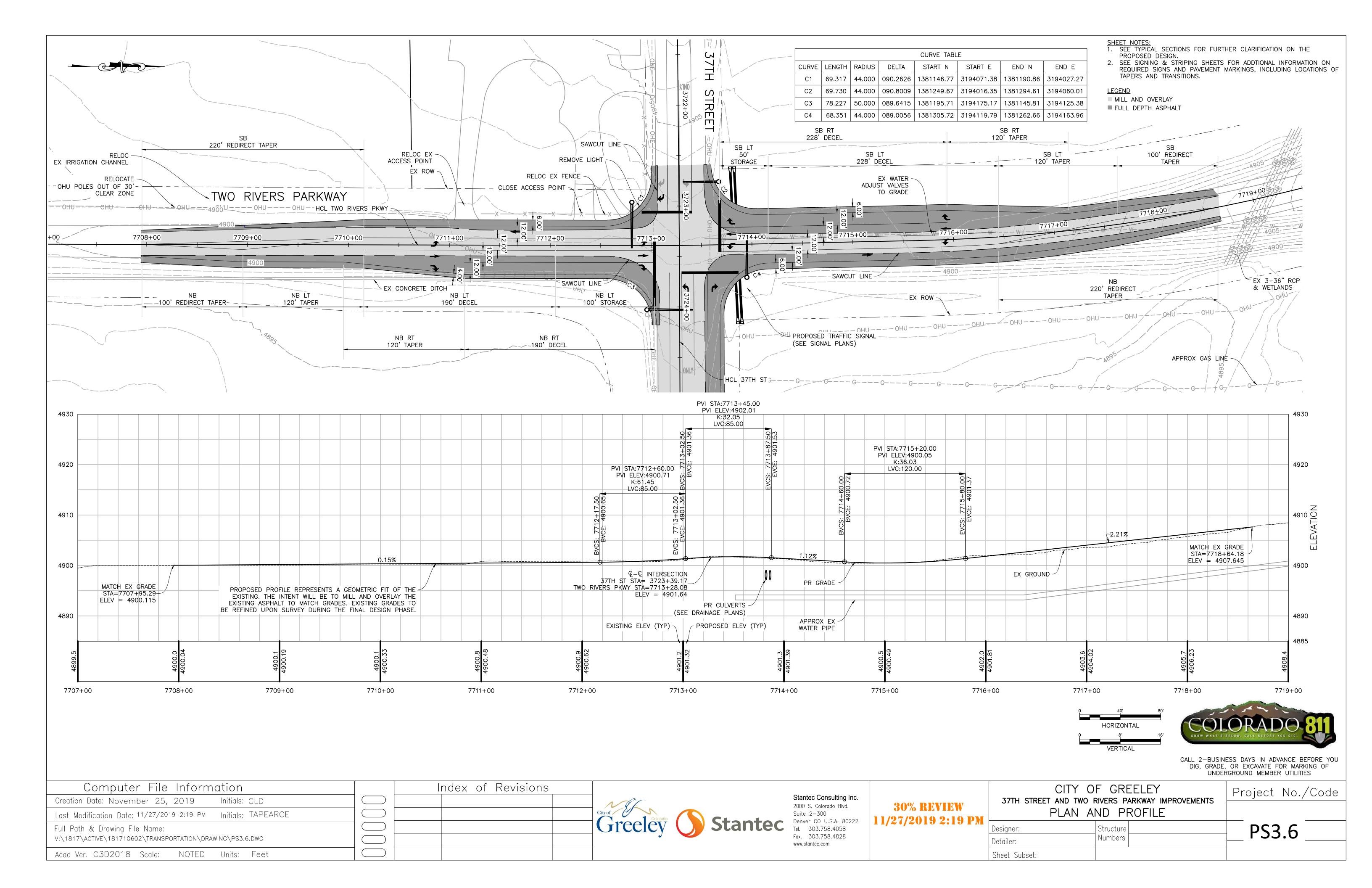
CITY OF		
TYPICAL		
Designer:	Structure	

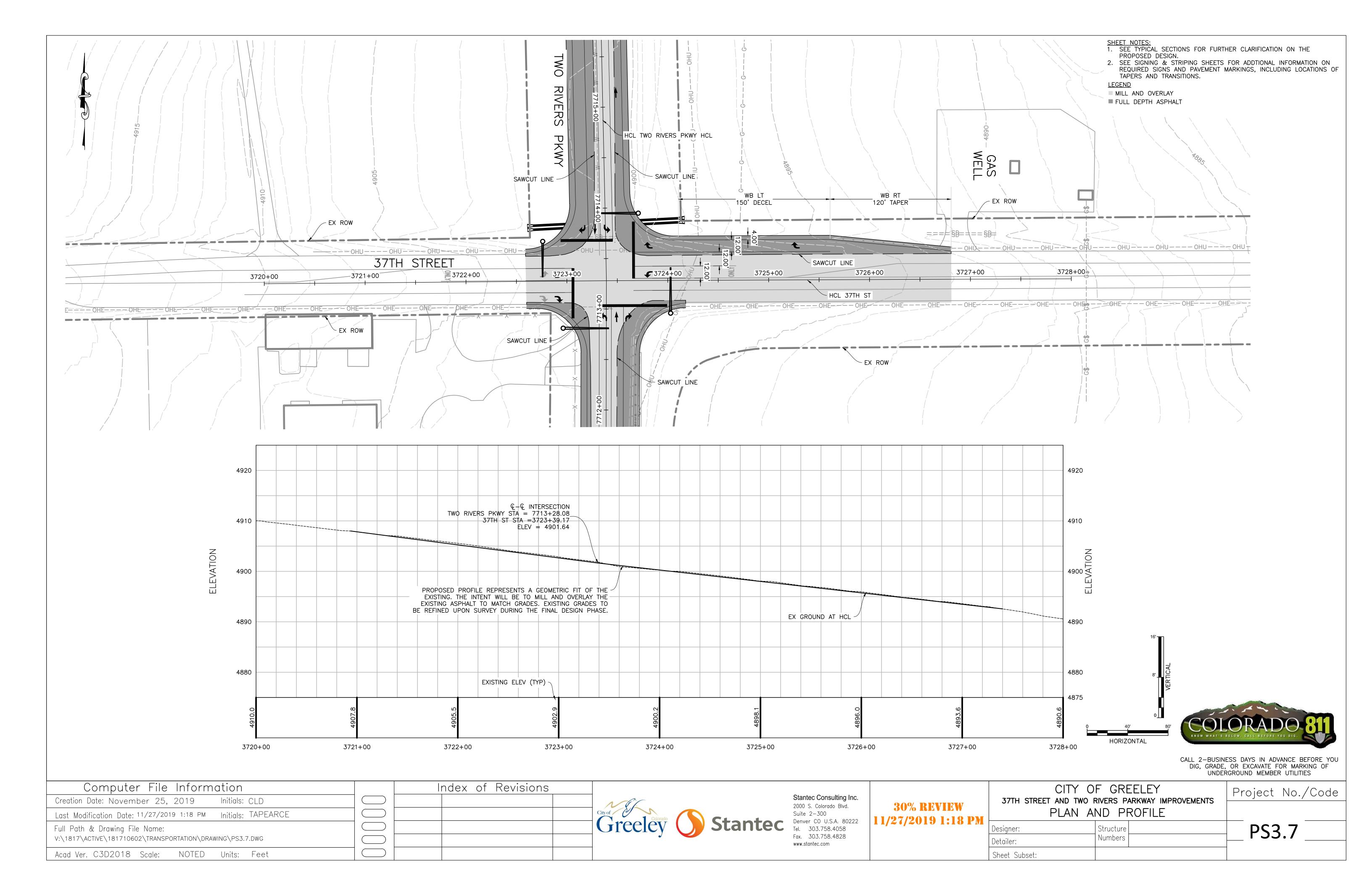
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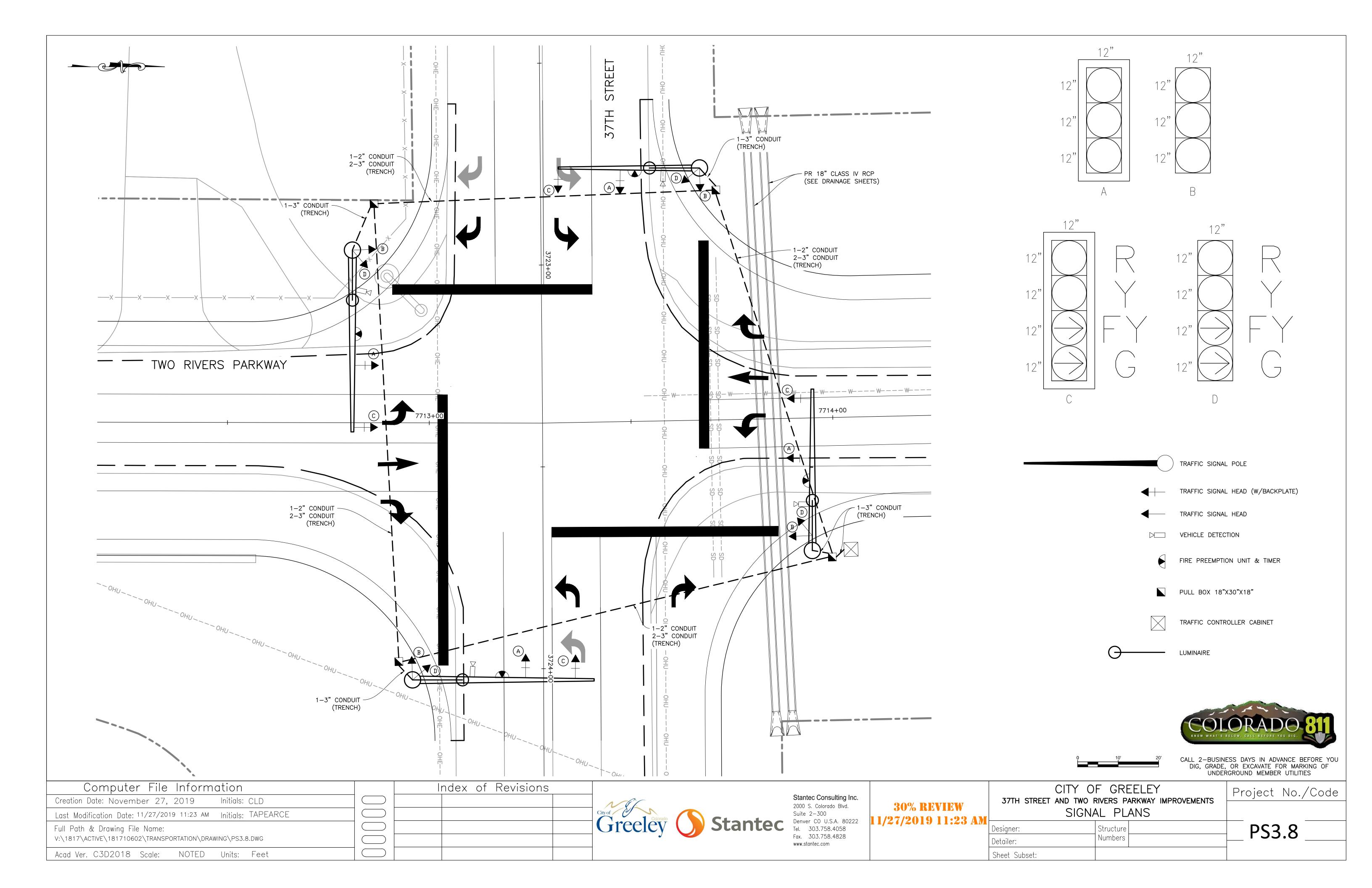
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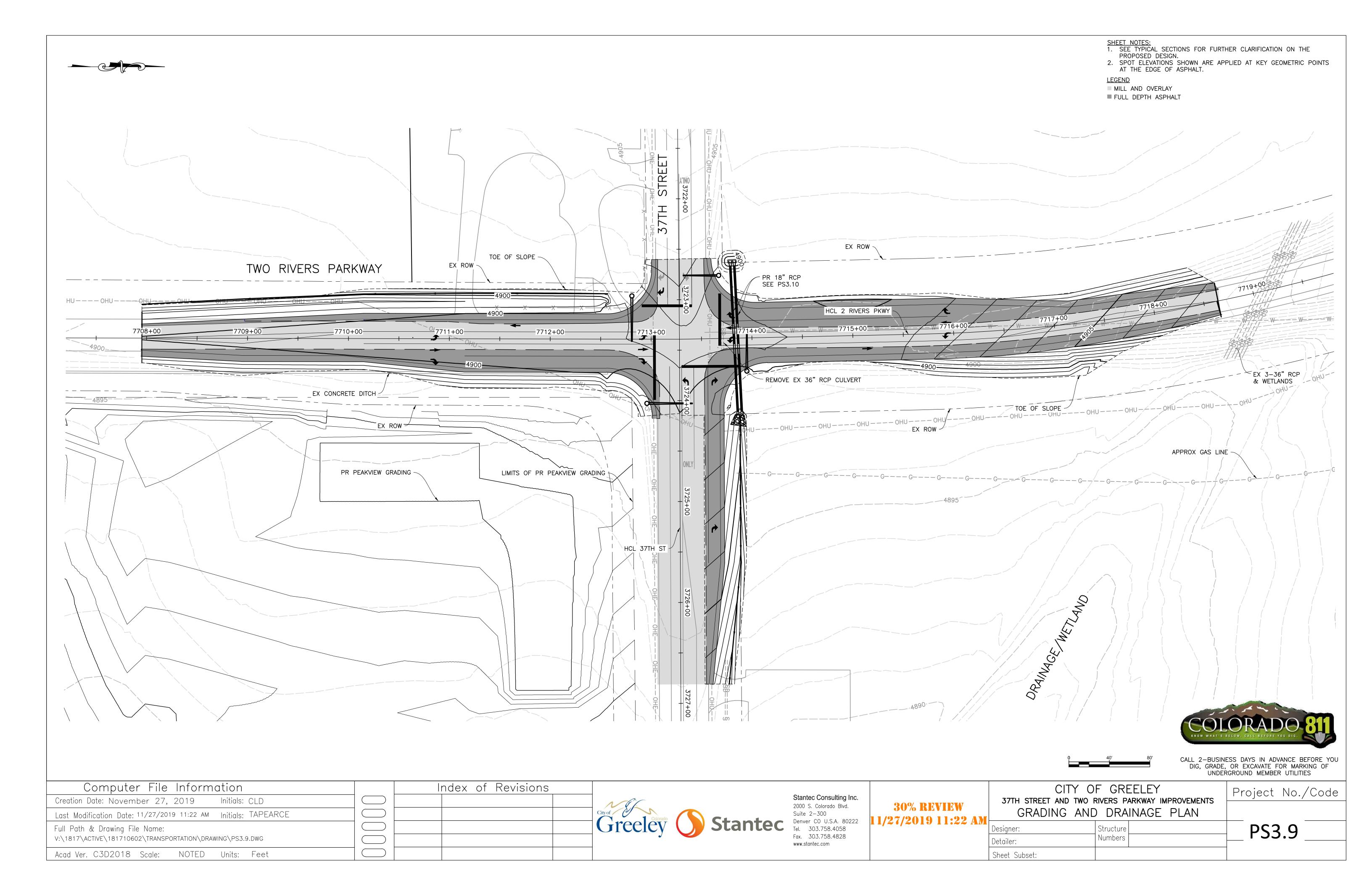
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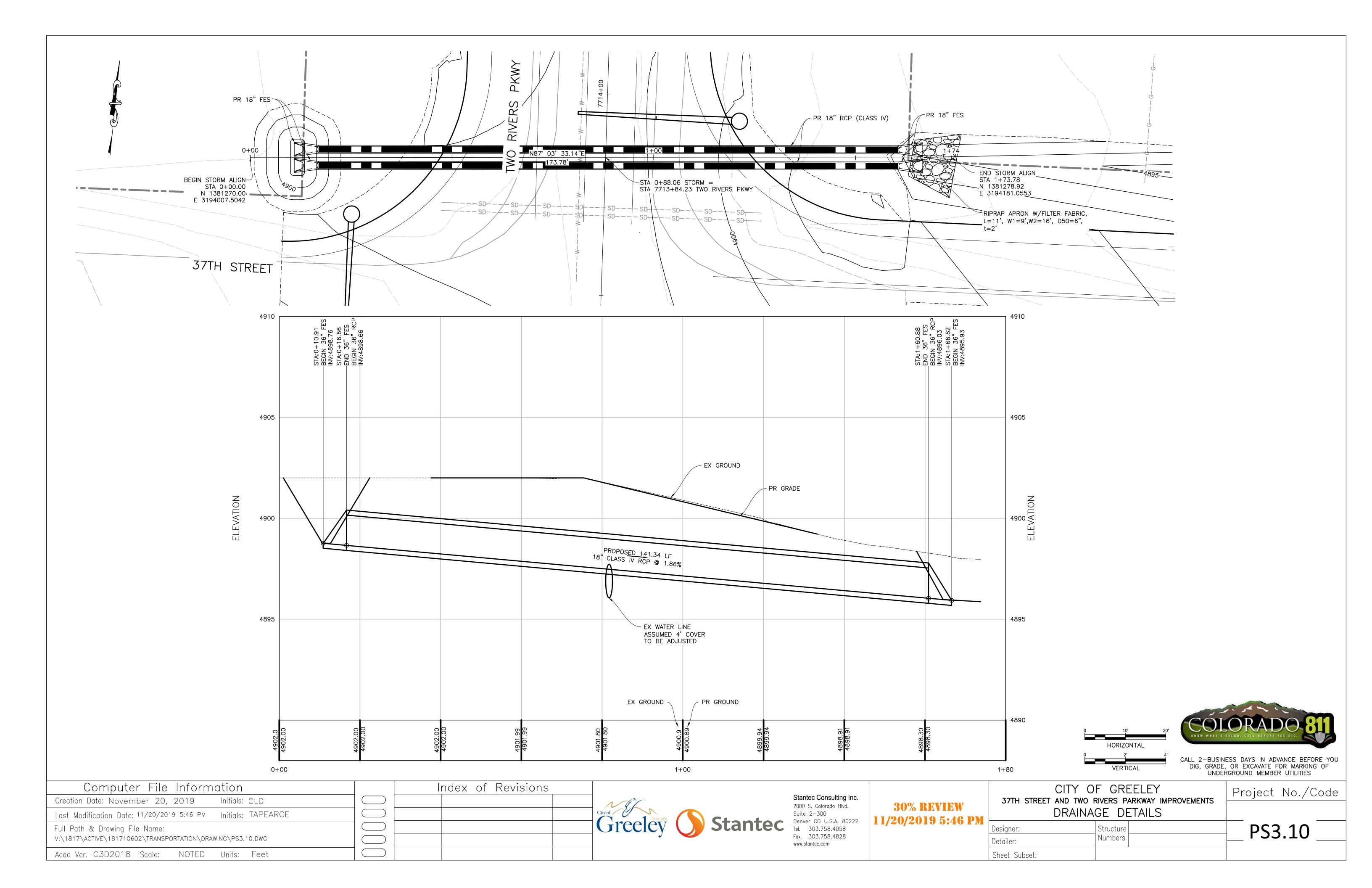


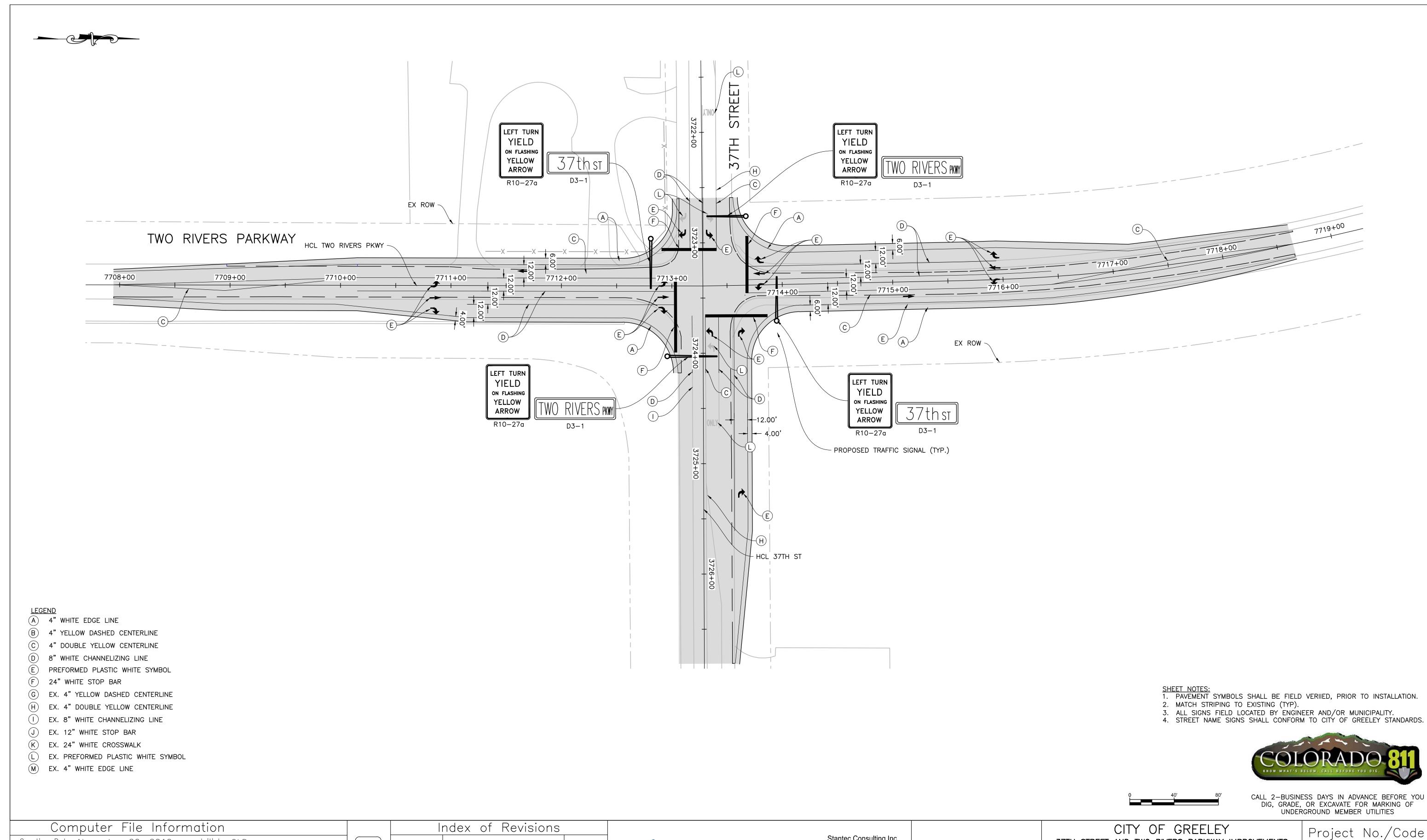












Stantec Consulting Inc. Creation Date: November 20, 2019 37TH STREET AND TWO RIVERS PARKWAY IMPROVEMENTS Initials: CLD 30% REVIEW 2000 S. Colorado Blvd. SIGNING AND STRIPING PLAN Last Modification Date: 11/20/2019 7:26 PM Initials: TAPEARCE Suite 2-300 11/20/2019 7:26 PM Denver CO U.S.A. 80222 PS3.11 Full Path & Drawing File Name: Structure Tel. 303.758.4058 Fax. 303.758.4828 Designer: V:\1817\ACTIVE\181710602\TRANSPORTATION\DRAWING\PS3.11.DWG Numbers Detailer: www.stantec.com Acad Ver. C3D2018 Scale: NOTED Units: Feet Sheet Subset:

Warrants Summary Report

1: 37th St & Two Rivers PKWY

Intersection Information

	Major Street	Minor Street
Street Name	37th St	Two Rivers PKWY
Direction	EB/WB	NB/SB
Number of Lane	: 1	1
Approach Speed	1 55	45

Warrant	Met?	Notes
Warrant 1, Eight-Hour V	/ehicular Volum	ne
	No	
Condition A or B Met	No	6 Hours met (8 required)
Condition A and B Me	No	5 Hours met (8 required)
Warrant 2, Four-Hour V	ehicular Volum	e
	Yes	4 Hours met (4 required)
Warrant 3, Peak Hour		
	Yes	
Condition A Met?	No	0 Hours met (1 required)
Condition B Met?	Yes	2 Hours met (1 required)
Warrant 4, Pedestrian V	olume	
	No	
Condition A Met?	No	0 Hours met (4 required)
Condition B Met?	No	0 Hours met (1 required)
Warrant 5, School Cros	sing	
	No	

Warrants Summary Report

1: 37th St & Two Rivers PKWY

Warrant 6, Coordinated	d Signal System
	No
Warrant 7, Crash Exper	riance
warrant 7, Crash Exper	
	No
Traffic Volume Condi	Yes 9 Hours met (8 required)
Ped Condition?	No 0 Hours met (8 required)
Warrant 8, Roadway Ne	etwork
	Yes
Warrant 9, Intersection	Near a Grade Crossing
	No
AWSC Warrant, Multiwa	ay Ston Application
AVVOC Warrant, Multiwe	
	Yes
Condition A Met?	Yes
Condition B Met?	Yes
Condition B Met? Condition C Met?	Yes No