

# 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:	3/5/2020
Project Manager:	Dave Wells

### Addendum Items

Item 1	Due to the corona-virus, the City is requiring the following for submitting proposals:  <b>see attached instructions for submittal of proposals</b>
Item 2	Is a SUE survey required? <a href="#">The project does need to comply with SUE regulations. Timing and extent of potholes for level A survey should be part of proposal.</a>
Item 3	Will the City provide the Stantec concept? <a href="#">Yes, see attached.</a>
Item 4	Is the City expecting a span wire or mast arm signal? <a href="#">The design will be for a mast arm system. Span wire is not desired</a>
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. <a href="#">The number of test holes needed for level A locates is not known.</a>
Item 6	Where is the parcel that needs to be acquired for this project? <a href="#">Right-of-way is needed from the parcel on the south west quadrant.</a>
Item 7	What is the extent of the Street Lighting on the project? <a href="#">Street lighting is limited to new lights on traffic signal poles.</a>
Item 8	Is the Signal warrant study available for our use? <a href="#">See attached.</a>

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

Instructions for electronic submittal.

Email your RFP Response to [purchasing@greeleygov.com](mailto: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](mailto: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

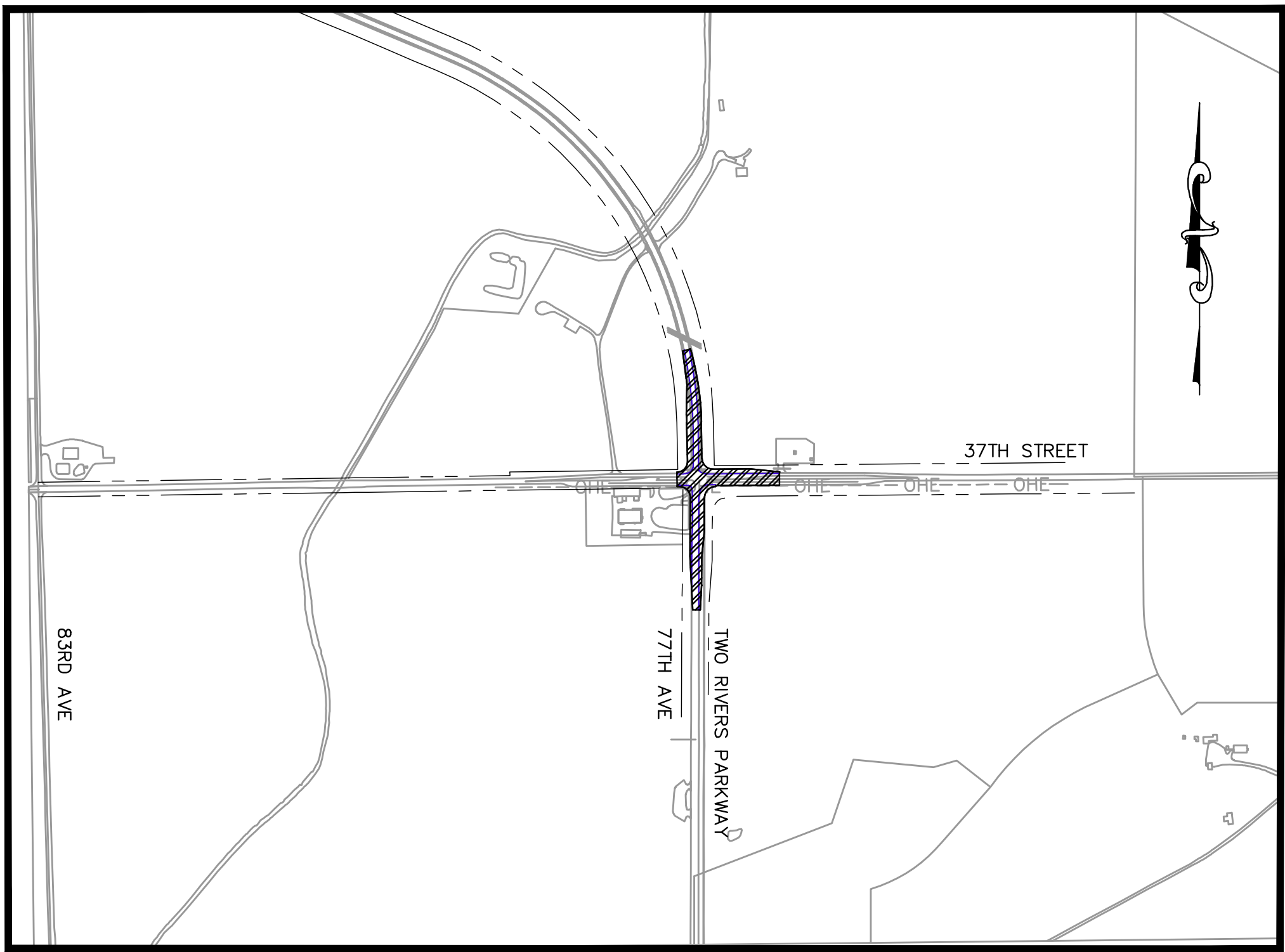
PREPARED FOR: CITY OF GREELEY, TRAFFIC SERVICES  
1300 A STREET, GREELEY, CO 80631  
PH: 970-350-9555 EMAIL: SCOTT.LOGAN@GREELEYGOV.COM

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

AS CONSTRUCTED INFORMATION

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



LOCATION MAP  
SCALE: 1"=500'

CONTACT INFORMATION:

CLIENT:

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

ENGINEER / PLANNER:

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

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



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UNDERGROUND MEMBER UTILITIES

Computer File Information		Index of Revisions			  <div>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</div>	30% REVIEW 11/20/2019 7:27 PM	CITY OF GREELEY 37TH STREET AND TWO RIVERS PARKWAY IMPROVEMENTS TITLE SHEET			Project No./Code	
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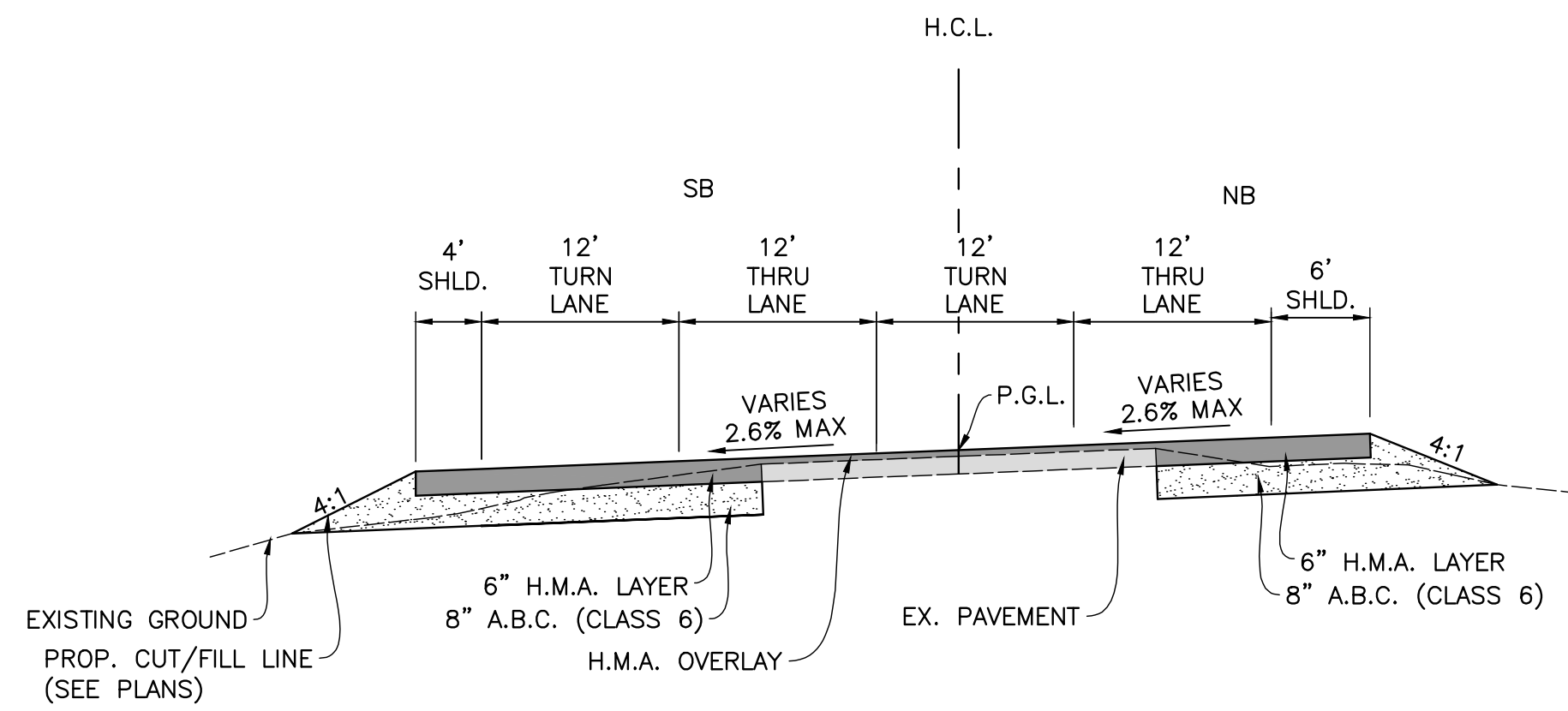


ITEM NO.	CONTRACT ITEM	UNIT	PLAN
201-00000	Clearing and Grubbing	ACRE	2
202-00000	Removal of Structures and Obstruction	LS	1
202-00035	Removal of Pipe	LF	80
202-00220	Removal of Asphalt Mat (Full Depth)	SY	550
202-00240	Removal of Asphalt Mat (Planning)	SY	5500
202-01130	Remove Light Pole / Signs	LS	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-XXXX	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 (12-12-12-12)	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
627-30210	Construction Surveying	LS	1
630-00012	Mobilization	LS	1
700-70010	ROW	SF	1230

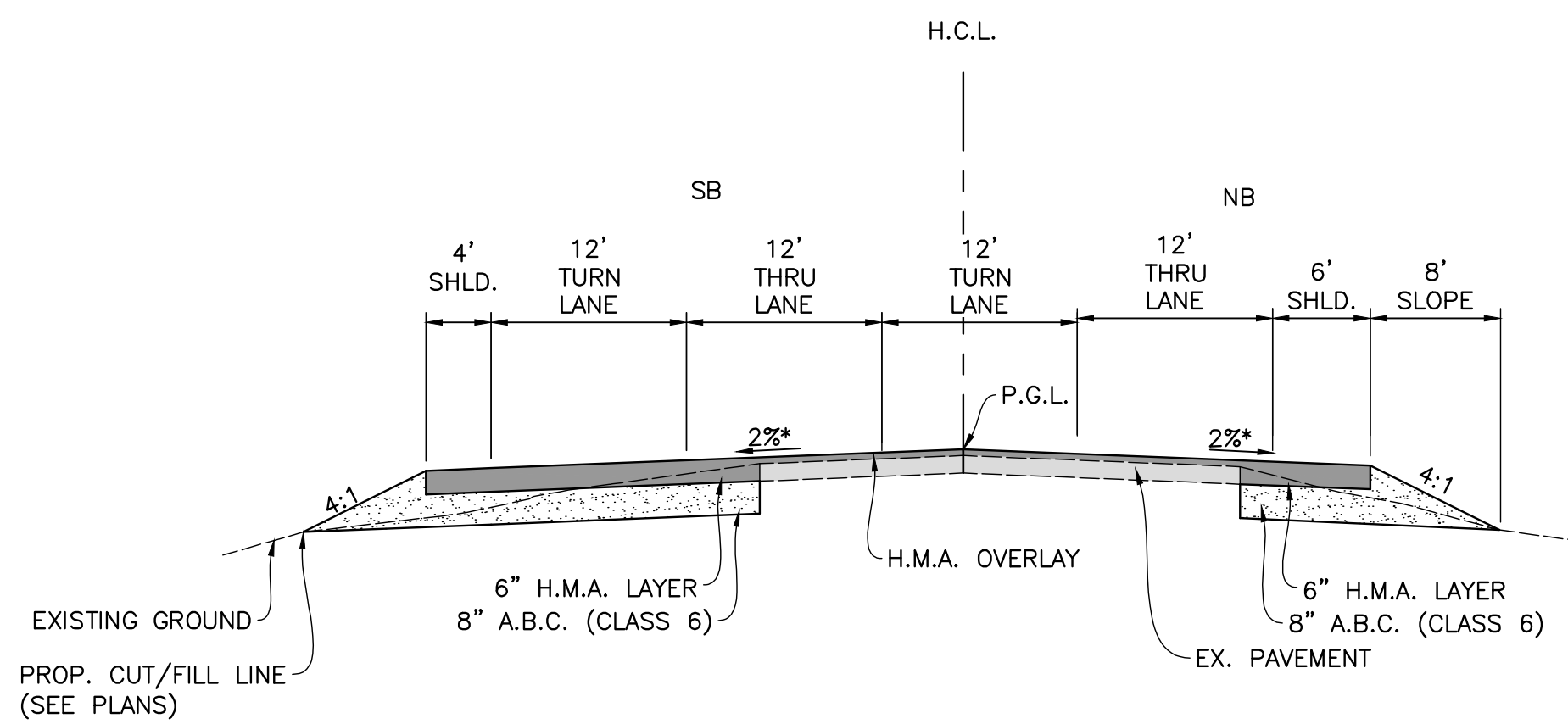


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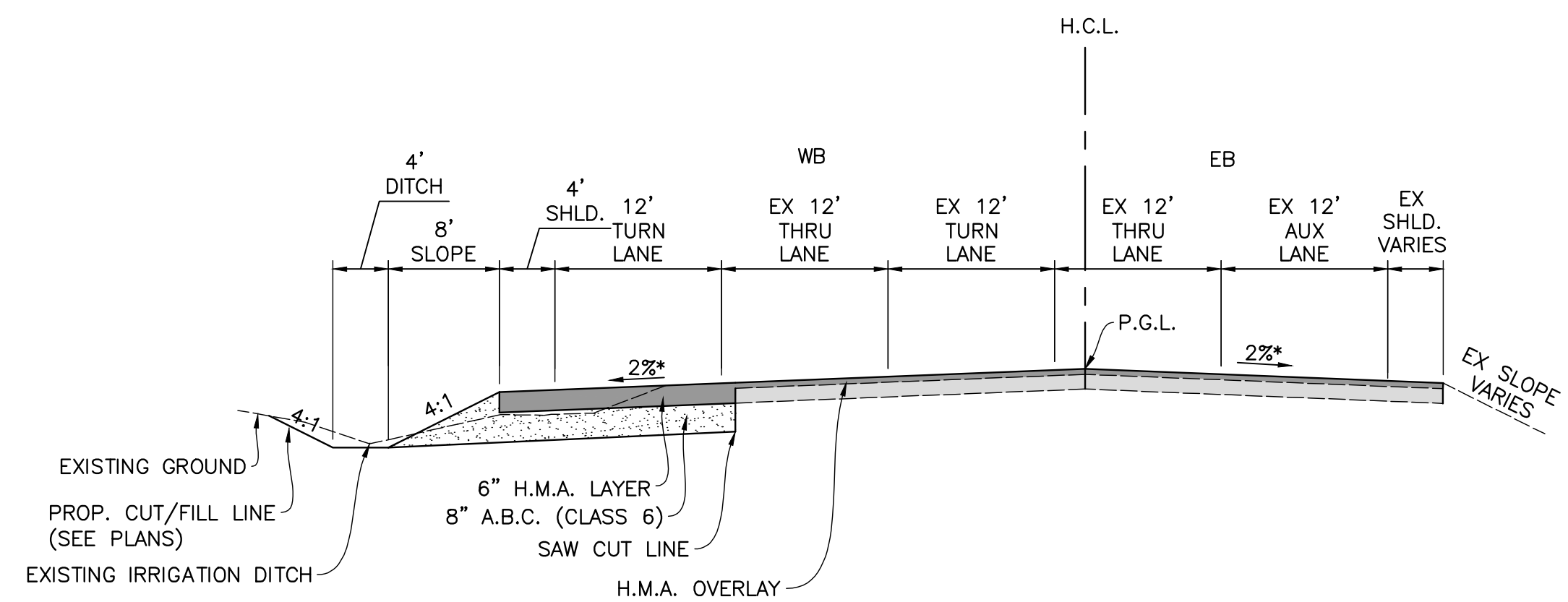
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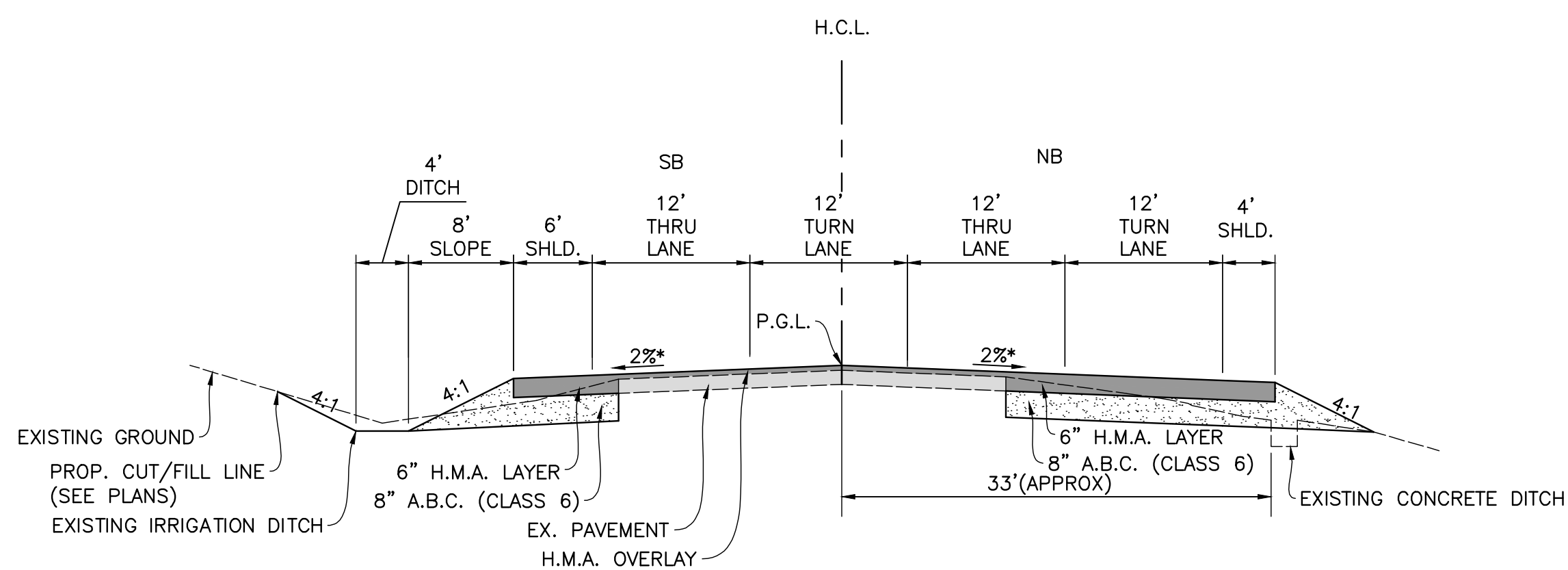
TWO RIVERS PKWY  
NORTH OF 37TH  
SUPER ELEVATED



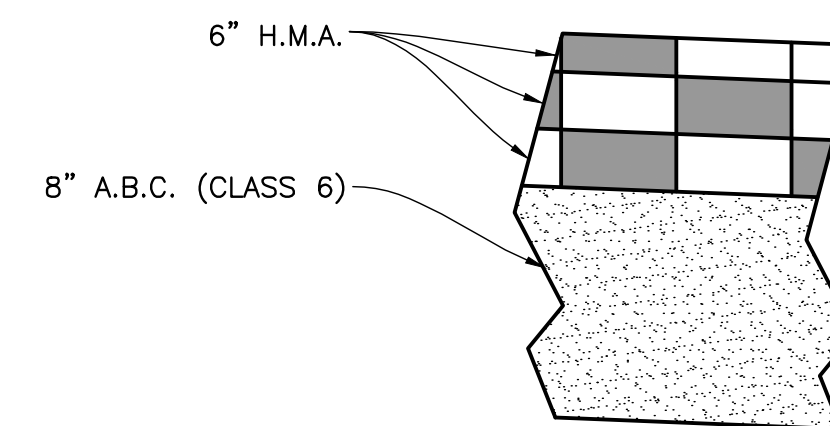
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NORTH OF 37TH



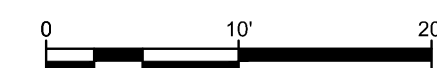
37TH ST  
EAST OF TWO  
RIVERS PKWY



TWO RIVERS PKWY  
SOUTH OF 37TH



DETAIL-PAVEMENT STRUCTURE



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CURVE #	START STATION	END STATION	LENGTH	CHORD DIRECTION	PI STATION	RADIUS	DELTA	START POINT	END POINT
C100	7715+65.03	7720+00.00	434.965	N08° 38' 54.28"W	7717+83.74	1680.000	14.83	(3194091.5661,1381455.2835)	(3194026.3425,1381884.1032)

LINE TABLE: ALIGNMENTS								
LINE #	START STATION	END STATION	LENGTH	DIRECTION	START EASTING	START NORTHING	END EASTING	END NORTHING
L100	7706+00.00	7713+28.08	728.081	N00° 07' 09.80"E	3194095.01	1380490.30	3194096.53	1381218.38
L101	7713+72.01	7715+65.03	193.021	N01° 13' 52.48"W	3194095.71	1381262.31	3194091.57	1381455.28
L200	3720+00.00	3723+39.17	339.168	N89° 29' 16.39"E	3193757.37	1381215.35	3194096.53	1381218.38
L201	3723+39.17	3726+63.18	324.017	N89° 45' 47.27"E	3194096.53	1381218.38	3194420.54	1381219.72
L202	3726+63.18	3728+00.00	136.815	N89° 45' 47.38"E	3194420.54	1381219.72	3194557.36	1381220.29

7706+00

7707+00

7708+00

7709+00

L100

7710+00

7711+00

7712+00

7713+00

7714+00

L101

7715+00

7716+00

7717+00

C100

7718+00

7719+00

7720+00

3720+00

3721+00

L200

3722+00

3723+00

HCL 37TH ST

3724+00

3725+00

L201

3726+00

3727+00

L202

3728+00

PI: 7713+28.08

PI: 7713+72.01

PI: 7715+65.03

PC: 7715+65.03

TWO RIVERS PKWY STA 7713+28.08=

37TH ST STA 3723+39.17

HCL TWO RIVERS PKWY

0

40'

80'

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City of Greeley

Colorado

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CITY OF GREELEY

37TH STREET AND TWO RIVERS PARKWAY IMPROVEMENTS

GEOMETRIC LAYOUT

Designer:

Structure

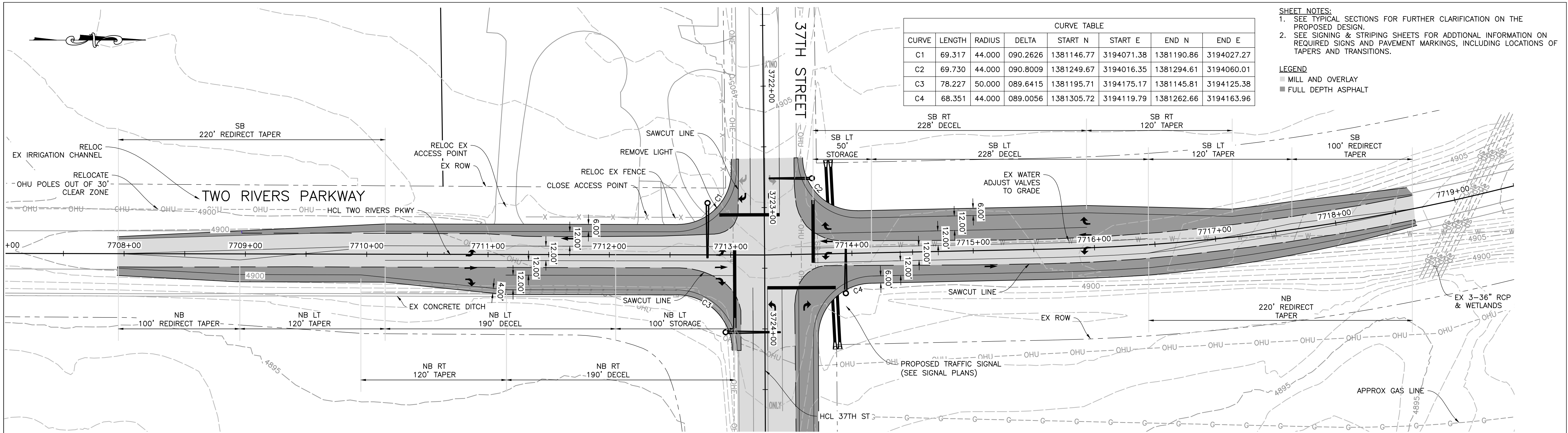
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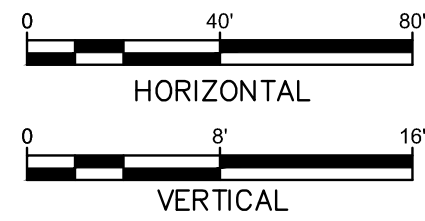
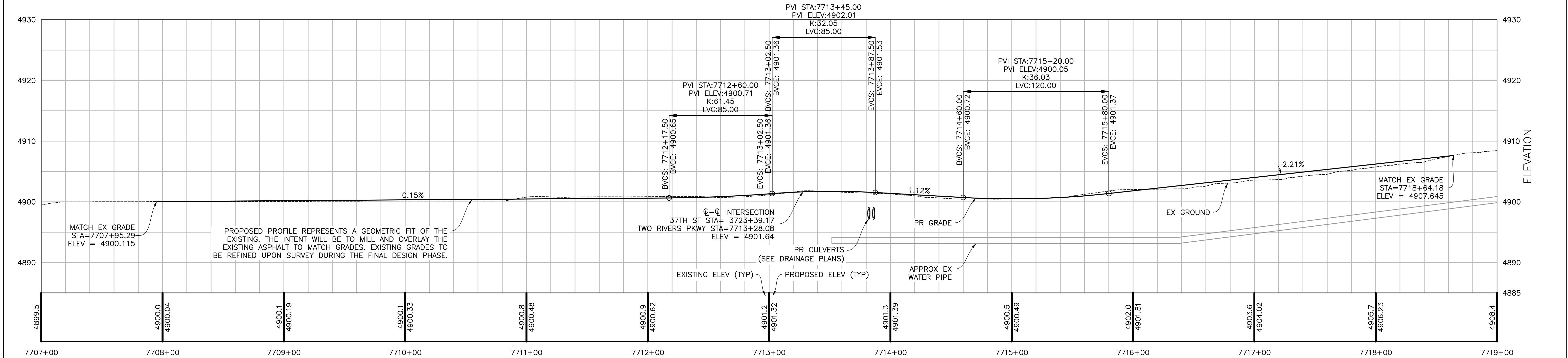


CURVE TABLE							
CURVE	LENGTH	RADIUS	DELTA	START N	START E	END N	END E
C1	69.317	44.000	090.2626	1381146.77	3194071.38	1381190.86	3194027.27
C2	69.730	44.000	090.8009	1381249.67	3194016.35	1381294.61	3194060.01
C3	78.227	50.000	089.6415	1381195.71	3194175.17	1381145.81	3194125.38
C4	68.351	44.000	089.0056	1381305.72	3194119.79	1381262.66	3194163.96

- SHEET NOTES:**
- SEE TYPICAL SECTIONS FOR FURTHER CLARIFICATION ON THE PROPOSED DESIGN.
  - SEE SIGNING & STRIPING SHEETS FOR ADDITIONAL INFORMATION ON REQUIRED SIGNS AND PAVEMENT MARKINGS, INCLUDING LOCATIONS OF TAPERS AND TRANSITIONS.

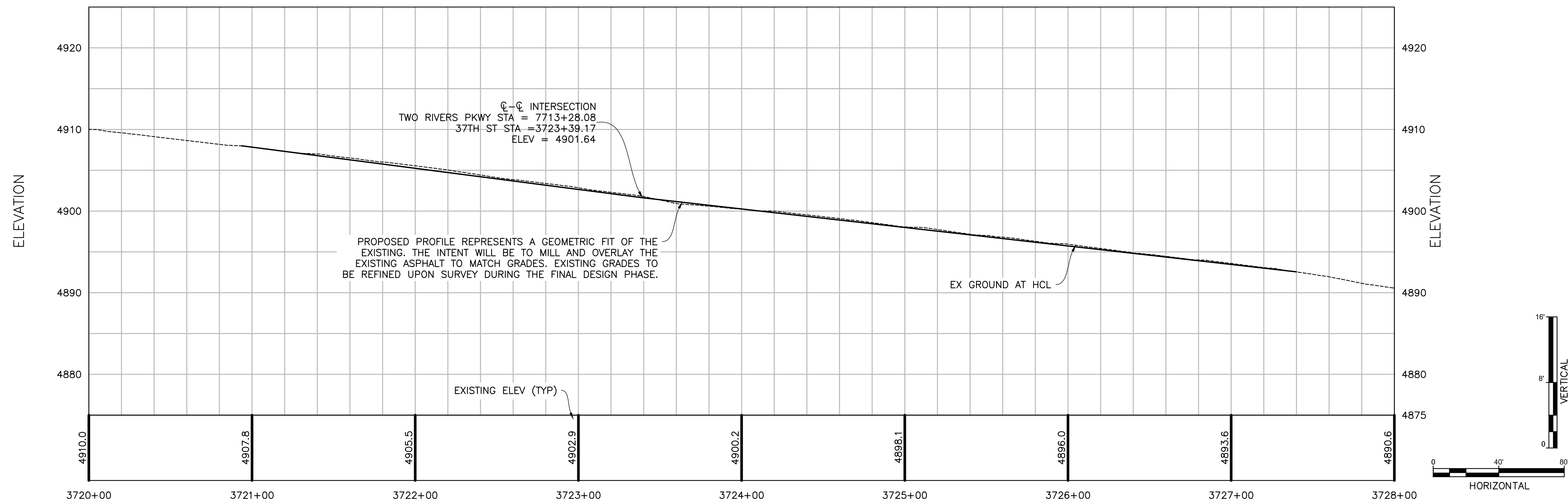
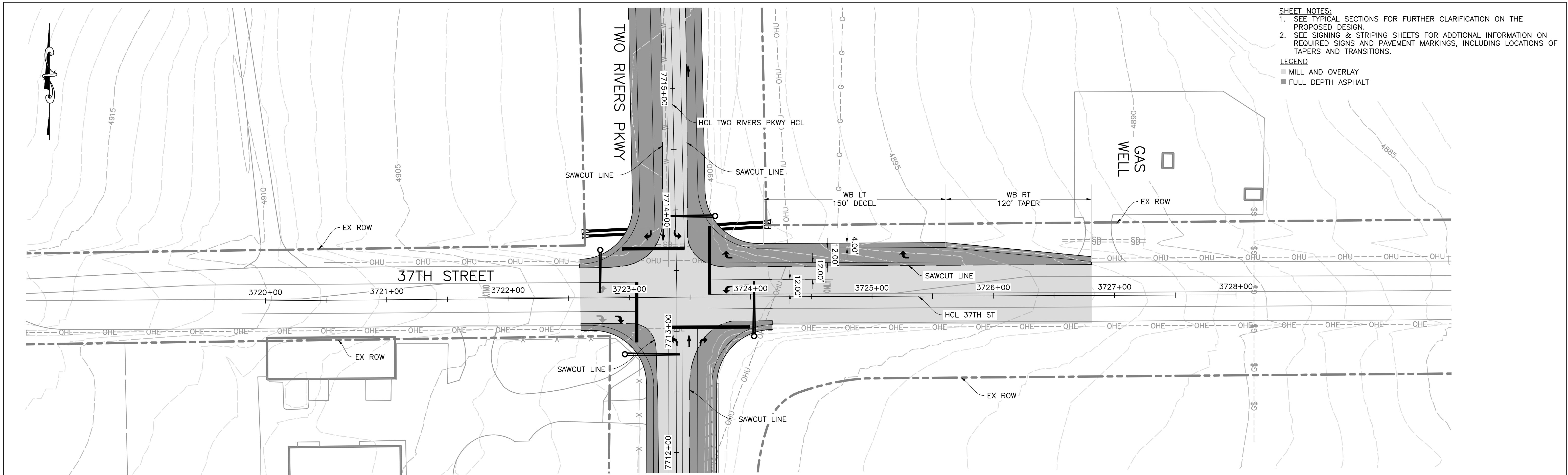
**LEGEND**

- MILL AND OVERLAY
- FULL DEPTH ASPHALT



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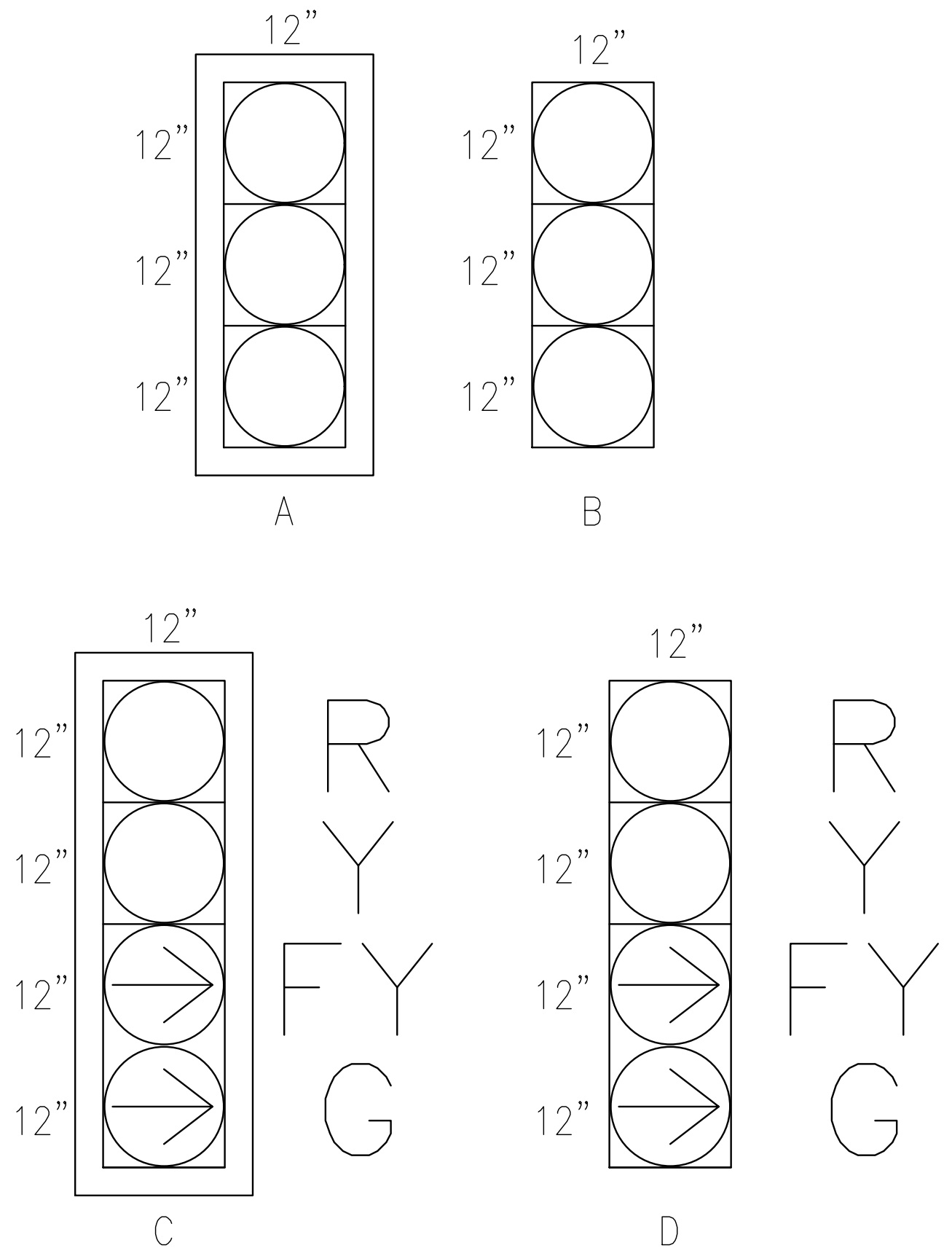
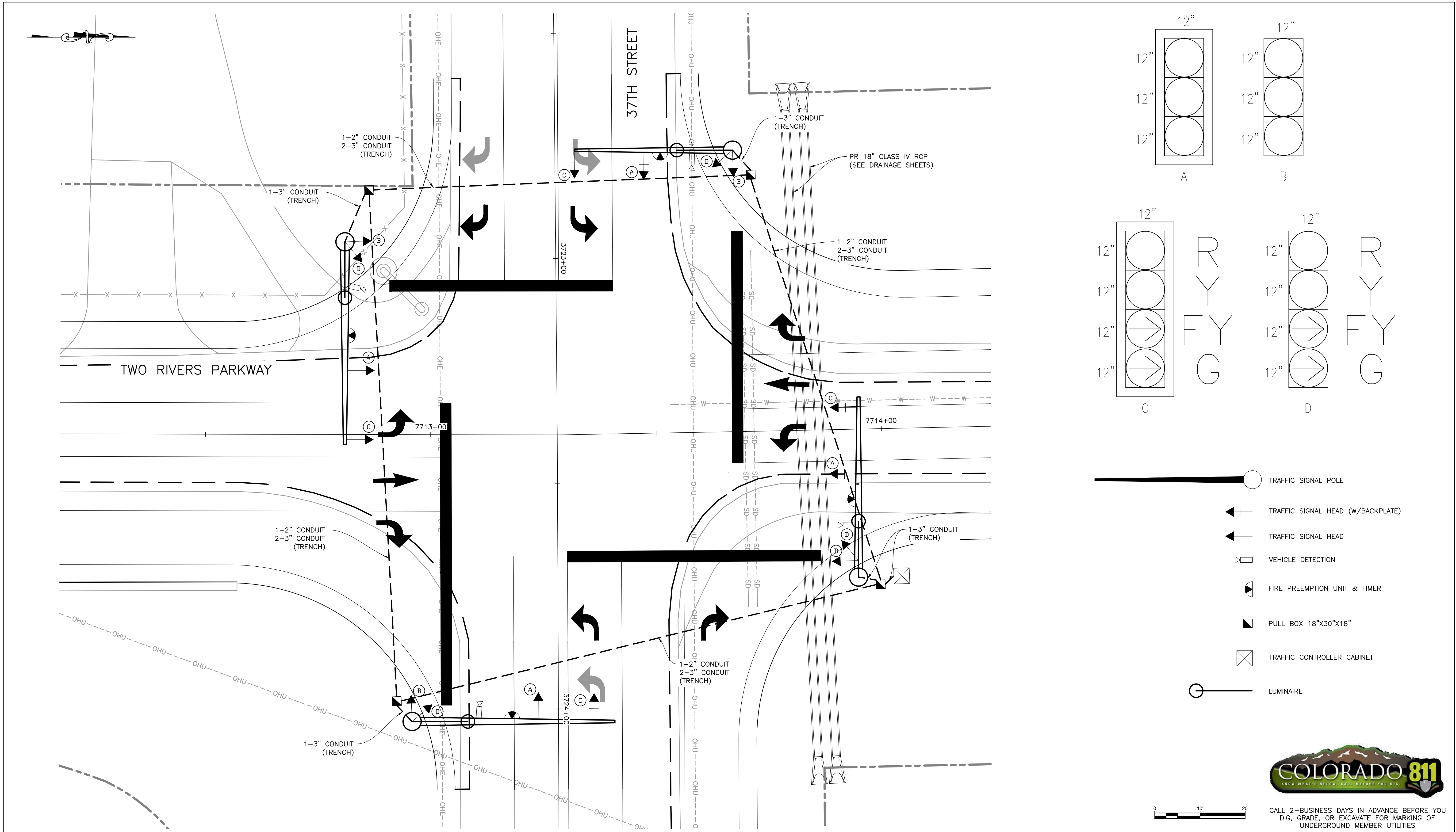
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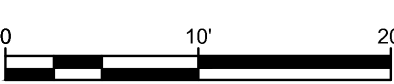


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- TRAFFIC SIGNAL POLE
- TRAFFIC SIGNAL HEAD (W/BACKPLATE)
- TRAFFIC SIGNAL HEAD
- VEHICLE DETECTION
- FIRE PREEMPTION UNIT & TIMER
- PULL BOX 18"x30"x18"
- TRAFFIC CONTROLLER CABINET
- LUMINAIRE



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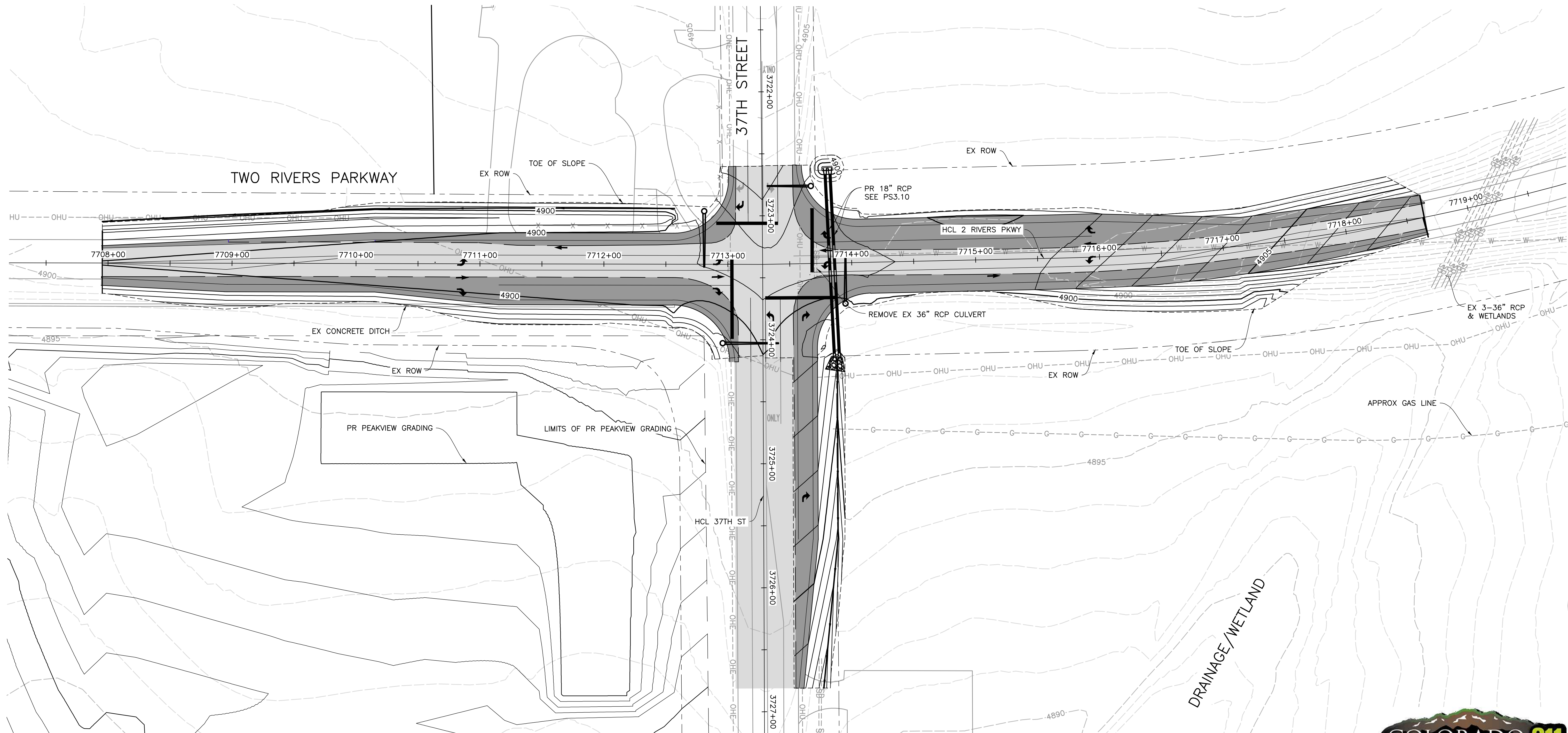


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**11/27/2019 11:23 AM**



- SHEET NOTES:
- SEE TYPICAL SECTIONS FOR FURTHER CLARIFICATION ON THE PROPOSED DESIGN.
  - SPOT ELEVATIONS SHOWN ARE APPLIED AT KEY GEOMETRIC POINTS AT THE EDGE OF ASPHALT.
- LEGEND
- MILL AND OVERLAY
  - FULL DEPTH ASPHALT



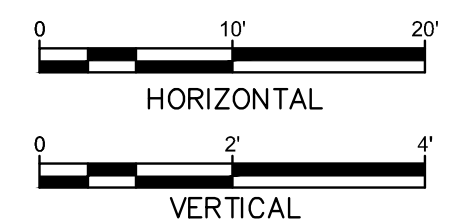
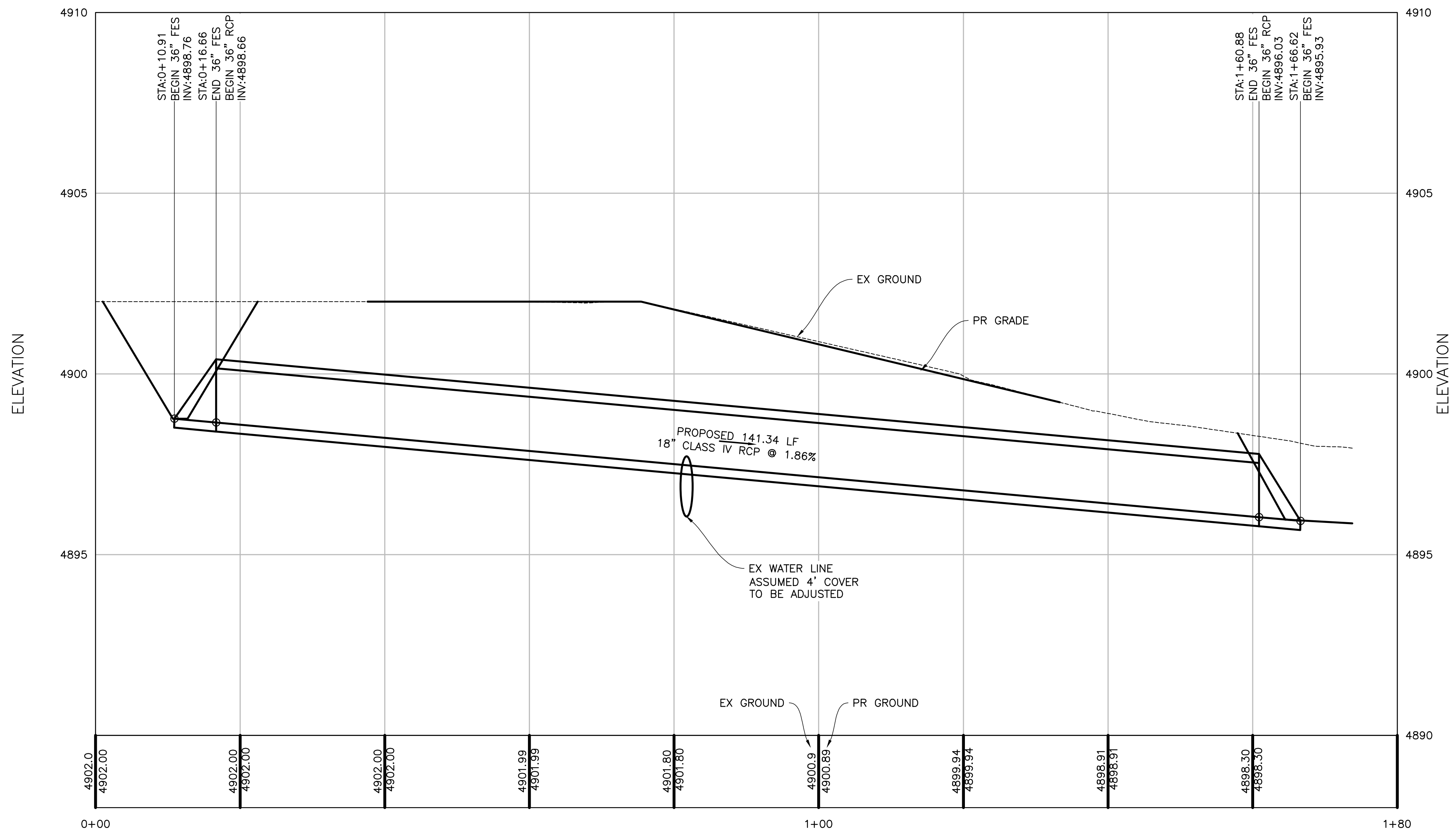
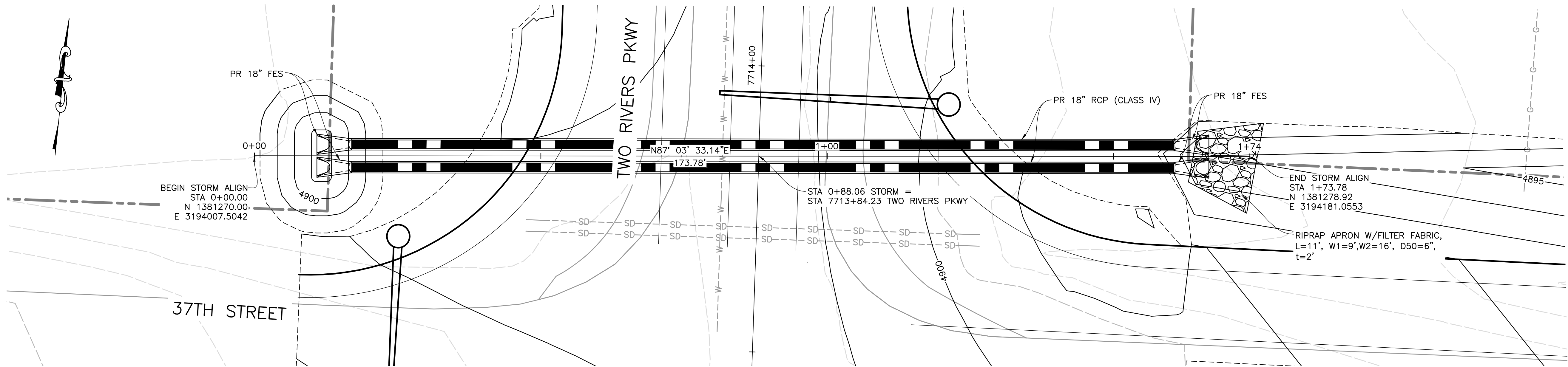
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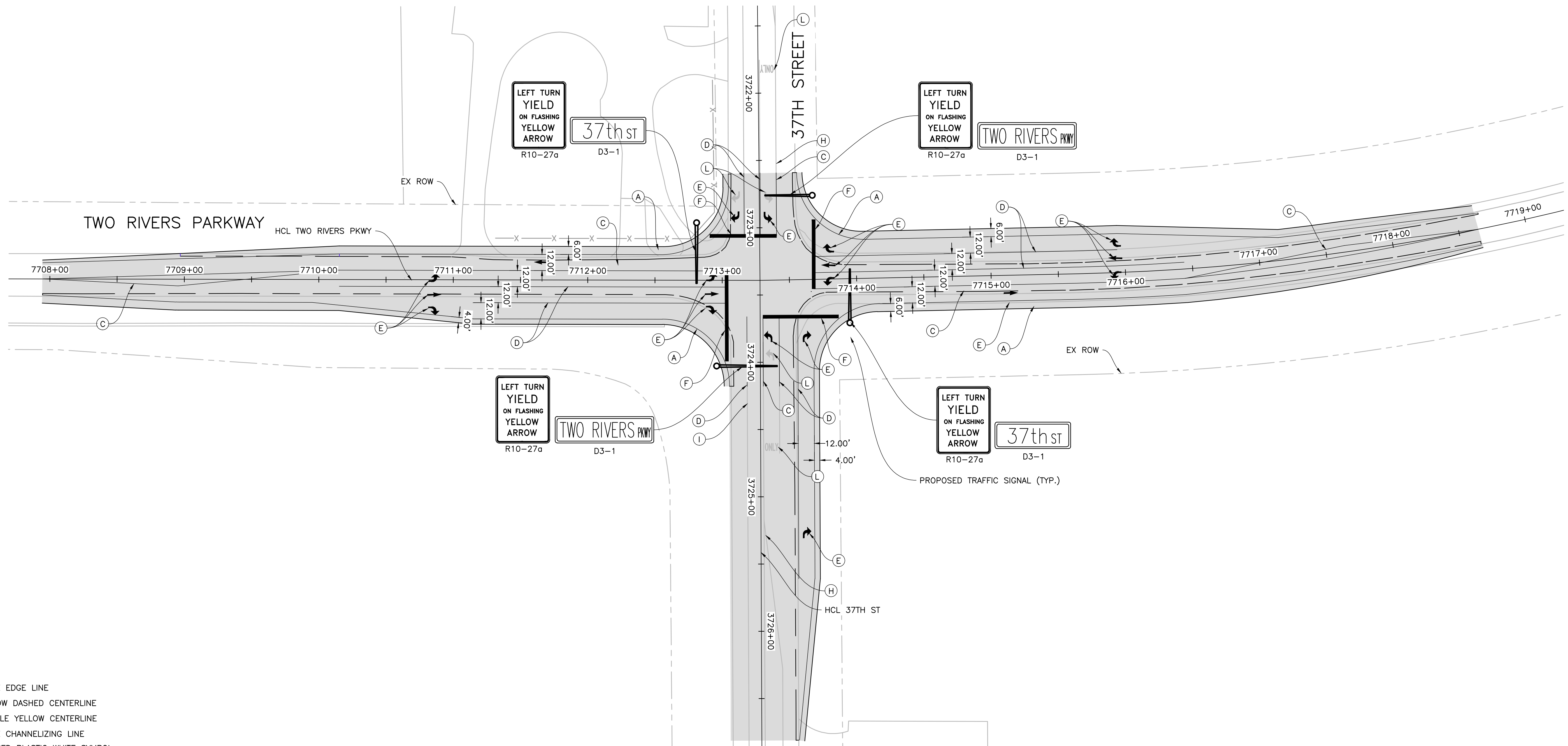
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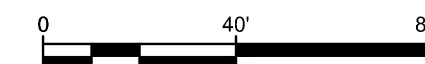


LEGEND

- (A) 4" WHITE EDGE LINE
- (B) 4" YELLOW DASHED CENTERLINE
- (C) 4" DOUBLE YELLOW CENTERLINE
- (D) 8" WHITE CHANNELIZING LINE
- (E) PREFORMED PLASTIC WHITE SYMBOL
- (F) 24" WHITE STOP BAR
- (G) EX. 4" YELLOW DASHED CENTERLINE
- (H) EX. 4" DOUBLE YELLOW CENTERLINE
- (I) EX. 8" WHITE CHANNELIZING LINE
- (J) EX. 12" WHITE STOP BAR
- (K) EX. 24" WHITE CROSSWALK
- (L) EX. PREFORMED PLASTIC WHITE SYMBOL
- (M) EX. 4" WHITE EDGE LINE

SHEET NOTES:

1. PAVEMENT SYMBOLS SHALL BE FIELD VERIFIED, PRIOR TO INSTALLATION.
2. MATCH STRIPING TO EXISTING (TYP.).
3. ALL SIGNS FIELD LOCATED BY ENGINEER AND/OR MUNICIPALITY.
4. STREET NAME SIGNS SHALL CONFORM TO CITY OF GREELEY STANDARDS.



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Full Path & Drawing File Name: V:\1817\ACTIVE\181710602\TRANSPORTATION\DRAWING\PS3.11.DWG	
Acad Ver. C3D2018	Scale: NOTED Units: Feet

Index of Revisions




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**30% REVIEW**  
**11/20/2019 7:26 PM**

CITY OF GREELEY			Project No./Code
37TH STREET AND TWO RIVERS PARKWAY IMPROVEMENTS			
SIGNING AND STRIPING PLAN			
Designer:	Structure		<b>PS3.11</b>
Detailer:	Numbers		
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	55	45

Warrant	Met?	Notes
<b>Warrant 1, Eight-Hour Vehicular Volume</b>		
	No	
Condition A or B Met?	No	6 Hours met (8 required)
Condition A and B Met?	No	5 Hours met (8 required)
<b>Warrant 2, Four-Hour Vehicular Volume</b>		
	Yes	4 Hours met (4 required)
<b>Warrant 3, Peak Hour</b>		
	Yes	
Condition A Met?	No	0 Hours met (1 required)
Condition B Met?	Yes	2 Hours met (1 required)
<b>Warrant 4, Pedestrian Volume</b>		
	No	
Condition A Met?	No	0 Hours met (4 required)
Condition B Met?	No	0 Hours met (1 required)
<b>Warrant 5, School Crossing</b>		
	No	

## Warrants Summary Report

1: 37th St & Two Rivers PKWY

### Warrant 6, Coordinated Signal System

No

### Warrant 7, Crash Experience

No

Traffic Volume Condi Yes 9 Hours met (8 required)

Ped Condition? No 0 Hours met (8 required)

### Warrant 8, Roadway Network

Yes

### Warrant 9, Intersection Near a Grade Crossing

No

### AWSC Warrant, Multiway Stop Application

Yes

Condition A Met? Yes

Condition B Met? Yes

Condition C Met? No