



PARKS COMMISSION

Monday, May 09, 2022 at 5:00 PM

Palmer Lake Town Hall – 28 Valley Crescent, Palmer Lake, Colorado

AGENDA

This agenda is subject to revision 24 hours prior to commencement of the meeting.

Call to Order

Roll Call

Approval of Minutes

Petty Cash Report

Public Works Supervisor Report

Town Administrator Report

Business Items

- [1.](#) Review Candidate for Parks Commission
2. Finalize Plans for Service Day 5/21
3. Parks Items to Add to Town Website (events, video, maps)
- [4.](#) Preview of Parks Flyer (Workshop Date)
- [5.](#) Map of Santa Fe Open Space
6. Trucking Dirt to South End of Lake
- [7.](#) Review Project List for 2022 and Funding
- [8.](#) Projected Projects 2022 (for distribution)

Centennial Park

9. Palmer Lake Fountain Installation
- [10.](#) Centennial Park Gazebo Repairs
11. Plan Public Input Meeting to Centennial Park Master Plan
- [12.](#) Update on RR-Ped Bridge Activity

Glen Park

Public Comment

This time is reserved for the public to speak to items not on the agenda. Individuals must state name and limit comments to (3) minutes unless extended.

Report of Other Meetings

Next Meeting and Future Items

Adjourn

Americans with Disabilities Act

Reasonable accommodations for persons with a disability will be made upon request. Please notify the Town of Palmer Lake (at 719-481-2953) at least 48 hours in advance. The Town of Palmer Lake will make every effort to accommodate the needs of the public.

Notice

Notice is hereby given that more than two members of the Board of Trustees may be present; however, there will be no action taken by the Board of Trustees at this meeting.



PARKS COMMISSION

Monday, April 4, 2022 at 5:00 PM

Palmer Lake Town Hall – 28 Valley Crescent, Palmer Lake, Colorado

MINUTES

Call to Order. Commissioner Wiecks called the meeting to order at 5:00 PM.

Roll Call. Present: Mike Pietsch, Reid Wiecks, Ande Furrer, Cindy Powell, Andy Maguire. Excused: Lindsey Leiker.

Approval of Minutes

1. Minutes from March 7th Meeting. MOTION (Reid, Mike) to approve minutes from 3/7. Motions passed 5-0.

Petty Cash Report. Mike provided new balance of \$522 which included funds from Winterfest.

Reid welcomed our new Parks Commissioner Andy Maguire and Cindy Powell.

Public Works Supervisor Report. Jason & Reid had a meeting with El Paso Co Parks to discuss Santa Fe Open Space. They will be invited to the August 2022 meeting to report. The Fishing Derby is June 4th followed by The Elephant Rock Bike Ride on June 5th. The Gazebo off of Hwy 105 will need the steps repaired before the start of events in June. Fish and water have been added to Palmer Lake. The kiosk at the trail head is going well. Two applications for employment have been submitted for review by Public Works for parks maintenance. Reid updated the 2022 Projects List. Lindsey will attend the ATL upcoming meeting.

Town Administrator Report. None.

Business Items

2. Update from Fireworks Committee. Cindy from the Fire Works Committee reported that it is busier than last year. The Tri Lakes 360 website is live and accepting sponsors, vendors, and volunteers. They applied for the Liquor Special Event License. The fireworks company will receive a \$7500 down payment. Bands are getting lined up and children's bouncy area coming together. PLPD will have more involvement and Chief Vanderpool is assisting with security options.

3. 2022 Parks Project List (with funding source) was discussed with a few updates. Jason has availability of large rocks (boulders) that can be hauled and used where needed. Pea gravel will be spread with the backhoe next week pending weather. Ande will follow up on the playground bubble panel estimated delivery date.

4. Identify Service Days & Garage Sale Date (and projects). Discussion took place for the Service Dates. MOTION (Reid, Cindy) to schedule May 21 and September 24 from 9 AM to 12 PM. Motion passed 5-0. Jason will order a roll off. Noxious weeds will be one of the projects lead by Phyllis Head. The Community Garage Sale will be on June 11 from 8 AM to 1 PM for a \$10 donation. A map of the participating garage sale address will be available on the town website and social media. The Fishing Derby will be on June 4th.

5. Review of Shed/Storage Options. The Santa/sleigh cut out and lake fountain were measured and will both fit in the Parks shed. The fountain will soon be placed back in the lake. Santa will be moved in June. MOTION (Reid, Cindy) to plan an additional (similar size) shed. Motion passed 5-0. Jason suggested to plan the purchase in the next budget cycle.

6. Update Point of Contact. Cindy signed up for Glen Park, Creekside Trail, Fundraising and Grant Writing. Andy M. signed up for Disc Golf along with Greg's help. Dawn will coordinate exchange of contact information for Disc Golf course involvement.

7. Elephant Rock Inventory / Possible Parks Use. Discussion took place about the items from the property that could benefit Parks. Recreational equipment on an honor system to use was mentioned. Fishing poles could be used at the Fishing Derby. Park benches can be used right away. Items that can simply be removed for the intended use will be hauled off the property, including a documented list.

Centennial Park

8. Review the Avid4 Request for Two Groups. Discussion about a donation from Avid4 took place, help with trash pick-up and upcoming service dates. MOTION (Mike, Ande) to approve the two groups with alternating activity. Motion passed 5-0.

9. Update on RR Fencing - Ped Bridge Activity. Dawn reviewed the RR required fencing by agreement and the erosion of the west end of the bridge. GMS is finalizing a design to address the erosion. The end of April was expressed as the deadline for the fence installation.

10. Action on 5-Year Master Plan Project List for Centennial Park (and next steps). MOTION (Cindy, Ande) to approve list. Motion passed 5-0. Reid stated that the next step is to have a public meeting and get feedback from the public. A survey was also mentioned as an option, and present to the Planning Commission and Board of Trustees.

Glen Park

Ice is melting from the playground so projects can take place. Phyllis H. has been pulling noxious weeds. The kiosk is working well.

Public Comment. None.

Report of Other Meetings. Mike, Reid & three Scouts met to discuss their project. Reid and Jason were the town reps that attended the El Paso Co Land Managers and Partner meeting hosted by the City of Colorado Springs. Reid suggested hosting the next event. Reid talked to the tennis court company regarding power washing it. Parks members confirmed meetings to be the 1st and 3rd Monday of each month at 5 PM.

Next Meeting (April 19 workshop) and Future Items. The next meeting will be on 5/2 at 5 PM.

11. Determine Date for Community Engagement Map Exercise (Trustee Stuth). Members agreed to 4/11 at 6p.

Adjourn. Reid adjourned the meeting at 7:26 PM.

Minutes by: Tish Torweihe, Town Admin Assistant

Tuesday, April 26, 2022

Meeting with Tri-Lakes Chamber of Commerce

Subject

- attended: Teri Hayes (Tri-lakes chamber of commerce, Dawn, Julia, Mike, Karen Stuth, Reid
- Grant Money for information brochures available to P.L. Parks

Terri outlined that we could develop a brochure that identifies our parks and trails, one of the biggest requests that Tri-Lakes area visitors and residents have. This was also reinforced by Dawn.

Action items:

Need someone or two to spearhead the project from parks.

Design something that won't require revisions for 3-5 years so that we don't have to incur printing costs down the line, also don't print too many - 2500 ish.

Sizes: 8 1/2" x 11" 3 fold or 8 1/2" x 14" 4 fold

Also look into designing a large version/map/poster etc. for trailhead kiosk display.

Include trail, hiking apps on the brochure and poster.

I given Mike a couple of samples I picked up in Jefferson County

Need to have a design concept, rough draft by the end of June. Run it by parks commission at a workshop.

The TLCC has to pay for it by November.

Karen Stuth said she used a website GOTPRINT.com to help design it. \$100 I think she said.

Color looks better than B/W

Mike may have some additional items to add.

EL PASO COUNTY PARKS



Located in the northwest section of El Paso County near the Town of Palmer Lake, Santa Fe Open Space consists of approximately 65 acres of pristine upland ranchland on the sunny southern slopes of Ben Lomand Mountain. Covered in thick stands of scrub oak, mature ponderosa pine trees, and rolling grass meadows, the property was purchased from the McGuire/Clase family with the intention of transforming it into a natural open space that provides users of the adjacent New Santa Fe Regional Trail an opportunity to experience a more natural foothills environment in close vicinity to urban areas and other major parks, trails, and open spaces.



Driving Directions:

Take Interstate 25 north from Colorado Springs to Monument, then Highway 105 northwest to Palmer Lake. Turn right on County Line Road, then immediately right into Palmer Lake Recreation Area. Hike south on the New Santa Fe Regional Trail for 0.70 mile to the western entrance of the Santa Fe Open Space.

Santa Fe Open Space And New Santa Fe Regional Trail



Location & Hours of Operation

New Santa Fe Regional Trail
Palmer Lake, CO 80133

Park Hours:
Dawn to Dusk

For Additional Information:
Call (719) 520-7529



Palmer Lake Parks projected projects 2022

Ref . #	Priorit y		Estimated Cost	Who will research	Fee Source
1	1	Connect with ATL to develop a plan, ATL mtg 4/6/22	0.00	Lindsey	NA
2	1	Connect with Little League to develop a plan.	0.00	Lindsey	NA
14	1	Build a dirt barrier along Walnut to prevent water from running off into the Glen Park playground, and add boulders to prevent park on Walnut near the playground	0.00	Jason & parks	Town
28	2	Install Bear Proof trash can at Columbine park, 2' x 2' x 1' pad plus bolts, need a small area scraped for cement pad; same day roads is working along Glen Park moving boulders etc.?	\$40.00	Jason & parks	CTF
35	3	Replace cedar rail posts and rails along south end along the Reservoir Trail Head parking area, and other parking areas along Lovers Lane , 170' long with donated boulders	Labor and fuel for Roads dept.	Jason	CTF
21	4	Remove dead trees/brush from around lake, trim dead branches etc. pre-service day	0.00	Jason, service day	Parks
17a	5	Install the playground bubble replacement once it arrives	715.53	Ande	Parks
32 & old 33	6	Design and build cement platform and stairs for Gazebo: Platform area: cement - 6" deep, 2' wide, 24' long in a curved pattern = 24 cu ft cement plus necessary form. This would eliminate the bottom step. (18) 2"x6"x8' - steps; (4) 2"x4"x8' - hand rails, (2) 4"x4"x8' = rail posts; (8) 3-step risers, appropriate screws; anchoring hardware for rail posts (4). Lindsey had a possible donor for materials and labor.		Reid & Lindsey, Jason	CTF & ATL
5	7	Tree trimming (Angry Squirrel): Glen Park	\$1500-2000	Jason	CTF
15	8	Curb and Cushion Glen Park old swing area + for around GP playground hill + install playground equipment between the Glen Park swing and the hill - Burke Novo HyLo Climb (\$2683 + ship.) (I combined #15, 16, &17): need to look at different types of cushioning: Pea gravel = \$410. Cost for approx. 14 cu yds.	\$1800.00 pea gravel + \$2683 + ship	Parks and Jason	CTF
7	9	Create a wildlife area at the SE end of the lake: fencing and signs, 150' on water and land sides	0.00	Eagle Scout project	Scouts
8	10	Complete the boundary of the wildlife area at the Sw end of the lake: fencing and signs, land side, cedar rail & posts, they could also use the cedar rails and post removed from the Res. TH parking.	0.00	Eagle Scout project - Keith	Scouts
9	11	Safety fence at the east end of the Pedestrian bridge exit, along the top directing pedestrians away from the slope and down the path. 125' 3.5" x 8' 2 rail, 6" x 6.5' post. 16 sections: 32 rails (\$13.00) + 17 posts (\$16.00) \$416 + \$272 , approved by ATL at April meeting	\$688.00 + installation	Eagle Scouts & parks	ATL
10	12	Replace / repair cedar rail posts along north end along RR tracks and trail (2 posts)	100.00 est.	Ande	ATL
11	13	Replace / repair cedar rail posts along west side of trail (2 posts)	100.00 est	Ande	ATL

Ref. #	Priority		Estimated Cost	Who will research	Fee Source
12	14	Replace fence posts at observation deck (2); this has already been done - check		Ande	NA
13	15	Begin planning for a non-motorized boat launch area at the S. End of the Lake, possibly fence off and bring in sand.		Parks Jason	
41	16	Remove the wooden kiosk at Fletchers Drilling and reinstall at Res. Trailhead	30.00	Parks	CTF
16	17	Additional signs at information kiosk for trailhead: reason for the fees; more reminder signs along the s. Side of parking - relocate kiosk from Fletcher's drilling. See Reference # 42	100.00	Parks	CTF
17	18	Reinstall the pet waste station on the west side along the trail, wildlife area - cement	20.00	Parks	CTF
22	19	Do noxious weed mitigation around the lake and bridge	400.00 est	Phyllis, service day	ATL
20	20	Remove 2 dead trees by the playground on the East side	0.00	Service day	Parks
23	21	Complete the Glen Park trail stone border & chipping; Jason can we move some more rock/dirt from W. Bridge entrance? (Done)	0.00	Service day - Cindy P.	Parks
25	23	Install bench (to replace the broken one) on the west side of the RR tracks, 3 benches under the tree between TLCFA parking and rte 105 are already in cement.. Cement	10.00	Parks	ATL
26	24	Spread out and anchor the 4 picnic tables in the gazebo "field"	40.00	Parks	ATL
39	25	Procure the items Parks wants to use from Elephant Rock property and store in shed		Reid & Town	NA
27	26	Develop a plan for the bulletin board at the restroom - PL parks, El Paso cty parks, Hist. Society., need 2 4"x6" x 8' treated posts \$16.00/ea), 4 lag bolts 8" long (approx \$20.00 + 6 bags cement (\$30.00). Determine best location for 2nd B. Board	\$82.00	Lindsey, Reid, Mike, Eagle Scouts	Parks
30	27	Explore the possibility filling in the trench between the tennis courts in Glen Park: 7" w x 2" d x 120' = 12cu ft @ 6.00/bag	\$72.00	Reid	CTF
34	28	Look at replacing the wood, plywood practice wall at Glen Park tennis court (4 4'x8' exterior treated plywood + clamps) @ \$25.00 / sheet	\$125.00	Reid	CTF
18	29	Develop a survey to solicit community input for the Centennial Park Master plan	100.00	Reid	Parks
36	30	Once survey is completed begin brainstorming park area adjustments and modifications. Make sure we coordinate this activity planning with the Centennial Park and Palmer Lake Master plans, and Awake the Lake		Parks Commission & Town	NA
37	31	Remove random "t" posts and save for other Park uses, once the BNSF survey is completed so we know the boundary.	0.00	Mike	NA
19	32	Sand for VB court. Sand = approx. \$33.00/cu yard/ 70'x40', 2" deep = 17 cu yds. Is it used often enough to warrant expense now? El Paso County parks?	571.00	El paso CTy parks	ELCP

Ref . #	Priorit y		Estimated Cost	Who will research	Fee Source
40	33	Collect wood and store it in the yard for Winterfest barrel fires	0	All	NA
	34	Place boulders along the parking area/ped. Bridge SW side slope once we know the steps exit.		Jason, parks, ATL	
24	Done	Tetherball missing from pole - installed 4/25. How long will it last?	0.00	Reid	Parks
29	Done	Inventory the storage shed and cull any things not needed, advise Dawn of shed need (larger '23 year budget request).		Reid & Phyllis	Parks
38	Done	Inventory recreation related items at Elephant Rock and decide in what to keep for parks	Done	Reid & Cindy	NA
	Done	Contact Alicia and get the details about the American Legion money donated toward gazebo repair.	0 ??	Reid	
	done	Complete a survey of the west side to determine the RR boundary and reach agreement w/BNSF		BNSF	Town
3	Done	Connect with the PL Master plan committee to merge ideas for Centennial Park - done 4/11	Estimated expenses broken into whose budget it would come from:	Reid	NA
4	Done-2022	Gravel for Cent. Park swing area - done 4/14	Awake The Lake: \$2500.00 (approved by ATL-4/6/22)	Jason	ATL
6	Done	Signs for the Trailhead parking area - done March '22	Parks: \$182.00 + 715.53 (bubble) CTF: \$8972.00 not counting gazebo repair expenses	Jason	CTF
6a	Done-2022	Security camera for the parking kiosk proposed by PLPD done March '22	Estimated budget from Conservation Trust Fund (CTF) per Dawn	Jason VP	CTF

Materials and Supplies: \$10,000.00
 Contract Services: 5000.00
 Maintenance: 1000.00
 Repair: 2000.00
 Fuel: 400.00
 Capital Equipment: \$5500.00

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3		Connect with the PL Master plan committee to merge ideas for Centennial Park - done 4/11	0.00	Reid	NA
4		Pea Gravel for Cent. Park swing area - done 4/14	\$200-300	Jason & parks	ATL
5	3	Tree trimming (Angry Squirrel): Glen Park	\$1500-2000	Jason	CTF
6		Signs for the Trailhead parking area - done March '22	\$715.00	Jason	CTF
6a		Security camera for the parking kiosk proposed by PLPD done March '22	\$117.00	Jason VP	CTF
7	5	Create a wildlife area at the SE end of the lake: fencing and signs, 150' on water and land sides	0.00	Eagle Scout project	Scouts
8	5	Complete the boundary of the wildlife area at the Sw end of the lake: fencing and signs, land side, cedar rail & posts, they could also use the cedar rails and post removed from the Res. TH parking.	0.00	Eagle Scout project - Keith	Scouts
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27	17	Develop a plan for the bulletin board at the restroom - PL parks, El Paso cty parks, Hist. Society. Remove freestanding bulletin board kiosk at Fletcher's Drilling and install it in Centennial park - site TBD, need 2 4"x6" x 8' treated posts \$16.00/ea), 4 lag bolts 8" long (approx \$20.00 + 6 bags cement (\$30.00). Determine best location for 2nd B. Board	\$82.00	Lindsey, Reid, Mike	Parks
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38	6	Inventory recreation related items at Elephant Rock and decide in what to keep for parks	Done	Reid & ?	NA
39	6a	Procure the items Parks wants to use from Elephant Rock property		Reid & Town	NA
40	27	Collect wood and store it in the yard for Winterfest barrel fires	0	All	NA
	Don	Contact Alicia and get the details about the American Legion money donated toward gazebo repair.	0 ??	Reid	
	4-17-2022				
	don	Complete a survey of the west side to determine the RR boundary and reach agreement w/BNSF		BNSF	Town
	e				
41	1-18-2022	Estimated budget from Conservation Trust Fund (CTF) per Dawn Collect and store the items for parks from the Elephant Rock property	Estimated expenses broken into whose budget it would come from: 0	Parks	

Materials and Supplies: \$10,000.00
 Contract Services: 5000.00
 Maintenance: 1000.00
 Repair: 2000.00
 Fuel: 400.00
 Capital Equipment: \$5500.00

Awake The Lake: \$2500.00 (approved by ATL 4/6/22)
 Parks: \$182.00 + 715.53 (bubble)
 CTF: \$8972.00 not counting gazebo repair expenses

Centennial Park Gazebo repair cost estimate and schedule

		Number	Per item cost	Cost			
Concrete step form	Use old steps	50' est.	0	0			
Concrete mesh	42" x 7'	2, cut in half	20	40			
Concrete bottom step, 4"-5"d x 2'w x 25'long	60lb bags, .45 cu ft	55	4	220			
Step stringers, pres. Treated pine	3 steps	8	23	190			
Steps, 2"x6"x 8', weather shield, ground contact	3 steps x 24'	18	12	216			
Hand rails, 2"x4"x4', kiln dried	2"x4"x8'	2, cut in half	8	16			
Hand rail posts, 4"x4"x4' prom. Doug fir	4"x4"x8'	2, cut in half	18	36			
Hang Rail post anchors	4"x4"	4	11-26-00	44.00-104.00			
Deck screws, #10 x 4", 5lb box		1	30	38			
Estimated total not inc. tax				\$800-900.00			
Schedule							
	6/3/2022	Remove old stairs					
		Build concrete deck frame, w/mesh					
		Cement, mixer to gazebo					
	6/4/2022	All hands on deck!	Pour concrete	Need water and generator			
	6/5/22-6/10/22	Prep wood pieces for installation					
	6/11/2022	Build steps and hand rails					
	?	Stain and /or paint					

REQUEST FOR PROPOSAL FORM

PROJECT: Pedestrian Bridge Erosion Repair
OWNER: Town of Palmer Lake
DUE DATE: Monday May 2, 2022, 5:00 p.m. MST

THE UNDERSIGNED PROPOSER, having familiarized himself with the conditions affecting the performance of the work and with the Contract Drawings, as prepared by GMS, Inc., Consulting Engineers and others, all of which are attached and made a part hereof, hereby proposes to furnish all plant, equipment, labor, materials and supervision to perform the work summarized hereafter for each proposal amount inserted.

The total proposal cost for each item includes all work necessary to complete that portion of the project described in each item and given on the Contract Drawings, and the total of all proposal costs represents the entire scope of work covered by the Contract Drawings. The proposal shall include all safety, protection and temporary containment measures necessary to preclude pedestrian traffic from interfering with work activities and to maintain public safety around the work site. The attached Contract Drawings Include:

1. Sheet 1 of 3 – West Abutment Plan, Pedestrian Bridge Erosion Repair, prepared by GMS, Inc. dated April 25, 2022
2. Sheet 2 of 3 – Section and Elevation, Pedestrian Bridge Erosion Repair, prepared by GMS, Inc. dated April 25, 2022
3. Sheet 3 of 3 – Riprap Plan, Pedestrian Bridge Erosion Repair, prepared by GMS, Inc. dated April 25, 2022
4. Sheet 1 – Temporary Clearance Envelope, Bridge Standards, prepared by UP/BNSF Railway, Inc. dated January 5, 2016

The Proposer certifies that this Proposal is genuine and is not made in the interest of, or on the behalf of, any undisclosed person, firm or corporation, and that this Proposal has been arrived at independently, without consultation, communication or agreement as to any matter relating to this Proposal with any other Proposer or competitor.

The Owner may select the proposal that best suits the Owner's needs for the project. The Owner reserves the right to reject a proposal if it does not support the Owner's best interest in completing the work.

WORK ITEM	PROPOSAL COST
No. 1: Furnish all labor, equipment and materials to install Flow-Fill erosion repair, including surface cleaning and preparation of existing soil and concrete footing; placement and support of formwork; placement, curing and finishing of Flow-Fill with fiber reinforcement and all miscellaneous items, complete in place.	\$ _____
No. 2: Furnish all labor, equipment and materials to install Riprap Erosion Protection, including installation and anchoring of filter fabric; placement of riprap; finishing and cleanup of disturbed areas and all miscellaneous items, complete in place.	\$ _____
TOTAL OF ALL PROPOSAL ITEMS	\$ _____

The Proposer will initiate construction activities by the following date: _____

The Proposer will complete construction activities by the following date: _____

Firm Name: _____ Phone Number: _____

Business Address: _____ By (title): _____

Signature: _____

Date: _____

MAIN LINE TRACK LOCATION IN 100' R.O.W.
 ACCOMMODATES FUTURE TRACKS EITHER SIDE (PER
 UP/BNSF GUIDELINES PLAN NO. 711100 SHT. 1)

REMOVE EXG POLES

FENCING TO BE PROVIDED MINIMUM 500' TOTAL CENTERED
 ON BRIDGE THIS PHASE - TYPICAL BOTH SIDES OF R.O.W.

EXISTING GRAVEL
 PAVED PARKING

LIMITS OF CONSTRUCTION

NEW CONC WALK

EXISTING DRIVE

FUTURE PIER PROTECTION TO BE
 PROVIDED IF 3RD SET OF FUTURE
 TRACKS ADDED EAST OF EXISTING
 TRACKS

LIMITS OF CONSTRUCTION

8' TALL HIGH TENSION WIRE NO-CLIMB FENCE
 - 300 LF EA. SIDE 2'-0" O.S. R.O.W.

NO WORK BEYOND THIS LINE
 THIS PHASE EXCEPT FENCE

NO WORK BEYOND THIS LINE
 THIS PHASE EXCEPT FENCE

100.00 R.O.W.

TOP TRAILS
 30.83

236.40

75.00

6.00

50.7

84.39

MILE MARKER 52 ±.24 MI. N.
 OF BRIDGE SITE (NO'S
 ASCEND TO S.)

EXG TRAIL TO REMAIN

EXG UPRR ACCESS RD

CONCRETE SLAB ON GRADE
 LANDINGS 3 LOCATIONS

GRAVEL TRAILS TYPICAL

FIBER OPTIC LINES - HAND
 LOCATE PRIOR TO EXCAVATION

CONC. & STEEL BRIDGE PIERS
 & FOUNDATIONS

EXISTING RETAINING WALLS

EXISTING TRAIL TO REMAIN

LIMITS OF CONSTR. THIS
 PHASE - GC PROVIDE TEMP
 SECURITY/CONSTR. FENCE ALL
 AROUND BOTH SIDES R.O.W.



HCDA
 HCDA ENGINEERING, INC.
 STRUCTURAL CONSULTANTS
 666. PIERRE PEAK AVENUE, SUITE 400
 COLORADO SPRINGS, COLORADO 80903
 (719) 633-7784 FAX (719) 711-3175

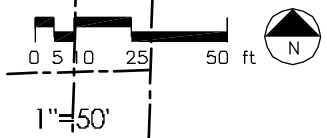


Palmer Lake
 Colorado
 Rockin' The
 Rails Park
 Pedestrian
 Bridge
 100% Design
 Submittal

Mile Post No.	52.24
Colo Springs Subdivision	
Palmer Lake, CO	
El Paso County	
Latitude & Longitude	
39.122872/-104.91345	
ISSUED:	03/7/17
REV'D:	11/9/17, 1/15/18, 1/30/18, 8/28/18, 9/18/18
DRAWN BY:	WLF
CHECKED BY:	JH/CG/JF

Bridge &
 Embankment
 Overall Site
 Plan

C1.1

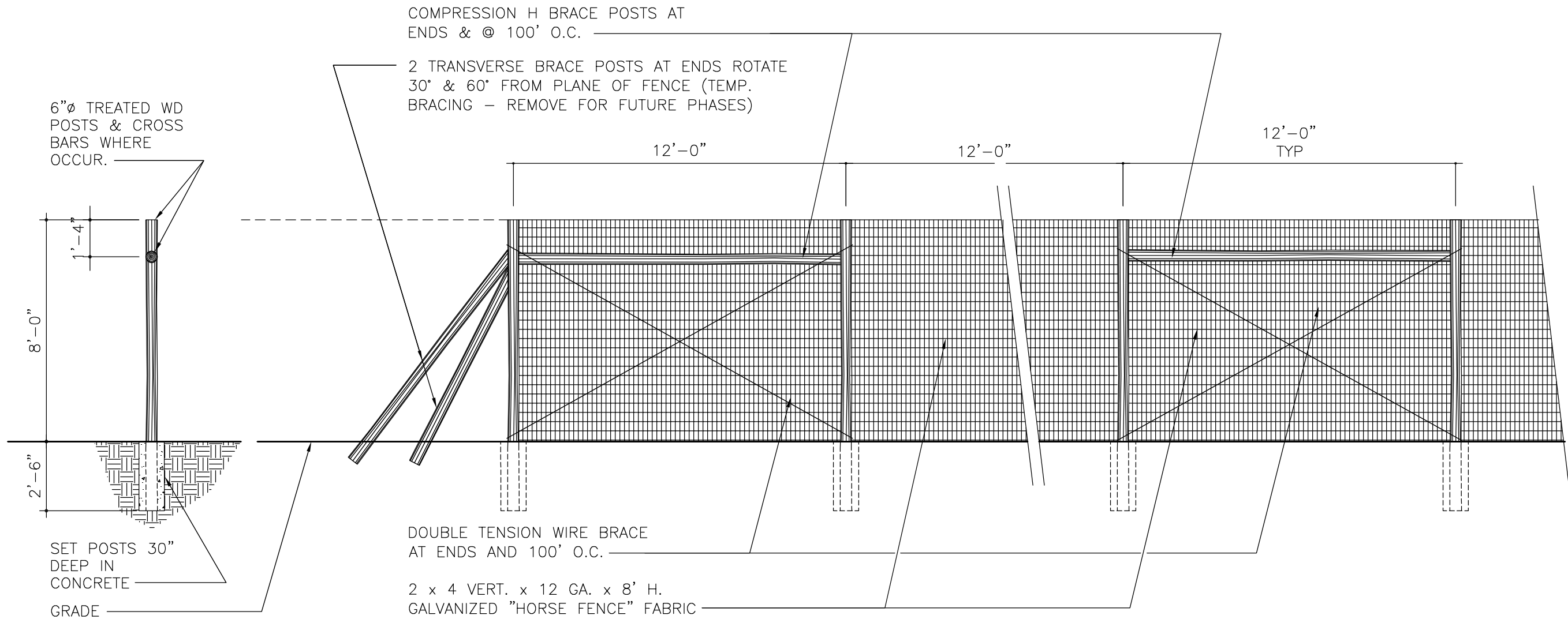


Bridge & Embankment Overall Site Plan

1"=50'

FENCING NOTES:

1. "EXCLUSION FENCE" PER COLORADO DEPT OF WILDLIFE GUIDE IS DESIGNED TO PREVENT PASSAGE OF LARGE WILDLIFE. DESIGN HAS BEEN ADAPTED W/ FINER WOVEN WIRE MESH TO BE "NO CLIMB".
2. INSTALL ALL FENCING IN COMPLIANCE W/ NATURAL RESOURCE, AGRICULTURE, AND ENGINEERING SERVICE - NRAES 11 "HIGH-TENSILE WIRE FENCING" INCLUDING ALL H (COMPRESSION) BRACES, BRACE WIRE, PINS, & STAPLES.
3. SEE OVERALL PLAN SHT C1.1 FOR ILOCATION AND EXTENT OF FENCING - CORRESPONDS TO CONSTRUCTION LIMITS THIS PHASE OF CONSTRUCTION.
4. ADDITIONAL FENCING TO BE PROVIDED IN FUTURE PARK CONSTRUCTION PHASES.



High Tension Wire Exclusion Fencing

1/4"=1'-0"



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fisher architecture
 719-660-4356 www.fisharch.com
 po box 1395, palmer lake, co 80133

Palmer Lake
 Colorado

Rockin' The
 Rails Park

Pedestrian
 Bridge

Bridge Bid
 Set

Mile Post No. 52.24

Colo Springs Subdivision

Palmer Lake, CO

El Paso County

Latitude & Longitude

39.122872/-104.91345

ISSUED: 5/11/18

REVD: .

DRAWN BY: WLF

CHECKED BY: JH/CG/JF

High Tension
 Wire Exclusion
 Fencing

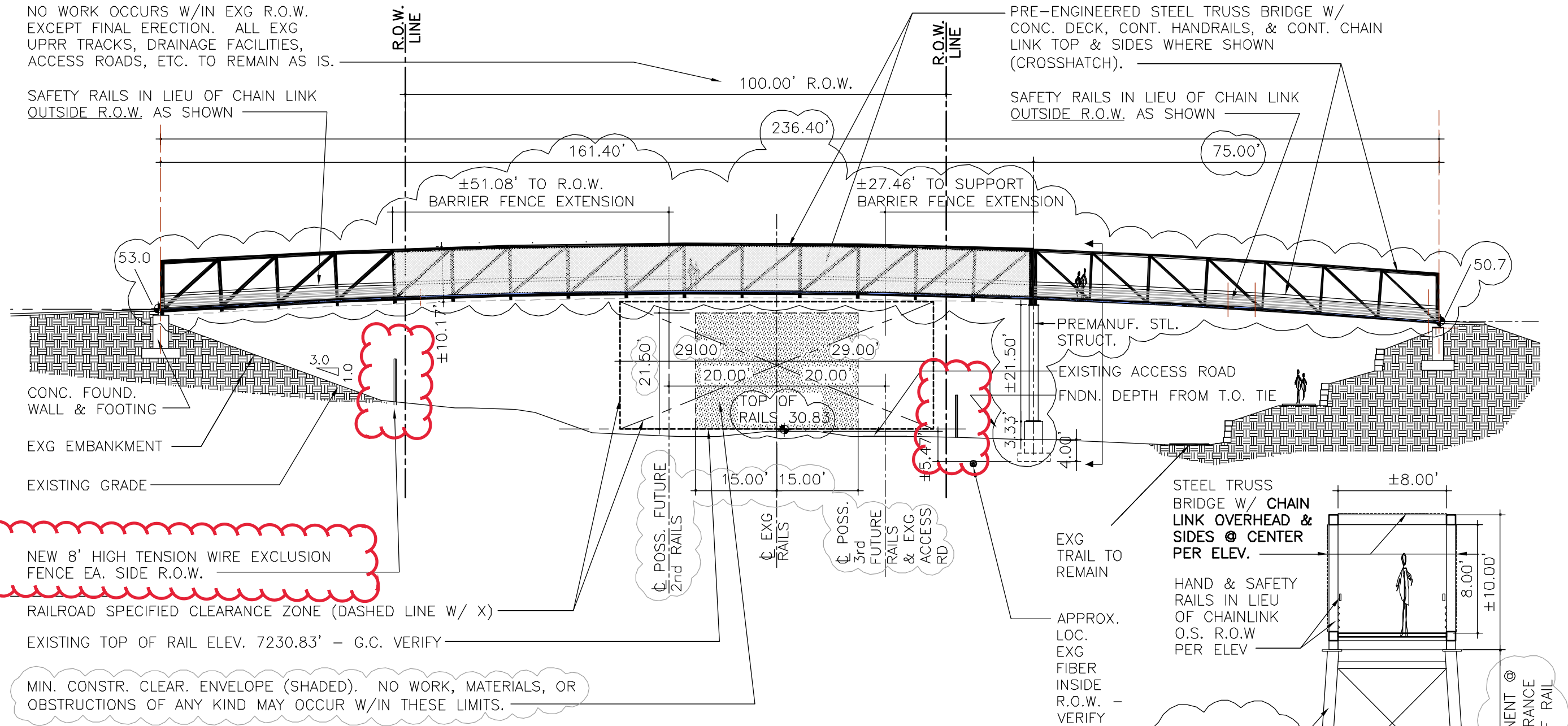
C3.1

NO WORK OCCURS W/IN EXG R.O.W. EXCEPT FINAL ERECTION. ALL EXG UPRR TRACKS, DRAINAGE FACILITIES, ACCESS ROADS, ETC. TO REMAIN AS IS.

SAFETY RAILS IN LIEU OF CHAIN LINK OUTSIDE R.O.W. AS SHOWN

PRE-ENGINEERED STEEL TRUSS BRIDGE W/ CONC. DECK, CONT. HANDRAILS, & CONT. CHAIN LINK TOP & SIDES WHERE SHOWN (CROSSHATCH).

SAFETY RAILS IN LIEU OF CHAIN LINK OUTSIDE R.O.W. AS SHOWN

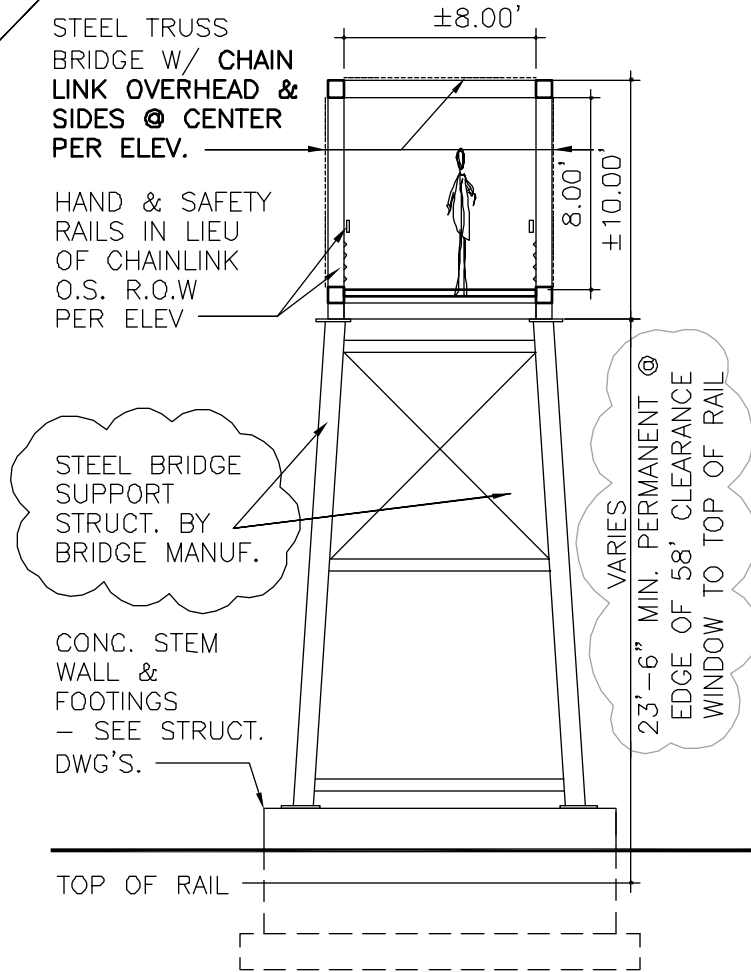


Pedestrian Bridge South Elevation (N. Elev. Reversed)

1"=20'

NOTE: FINAL REVISIONS SUMMARY (9/18/18):

- ELIMINATE PREVIOUS CONTAINER RAMPS & PROVIDE CONTINUOUS PRE-MANUFACTURED TRUSS BRIDGE.
- ELIMINATE 2 INTERMEDIATE SUPPORTS.
- PROVIDE SINGLE PRE-MANUFACTURED INTERMEDIATE STEEL SUPPORT LOCATED FARTHER AWAY FROM UP/BNSF R.O.W.
- UPDATE ELEVATIONS PER CURRENT FIELD DATA
- ALL UP/BNSF CLEARANCES & OTHER CRITERIA IS UNCHANGED FROM 100% DESIGN APPROVAL.



Section 1/8"=1'-0"

Bridge Elevation, Section, Details



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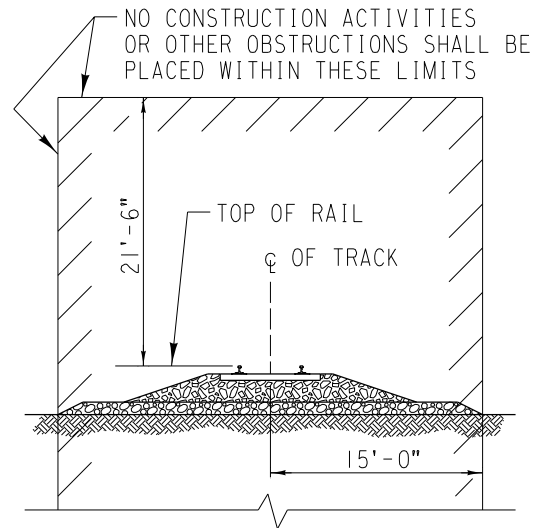
fisher architecture
 719-662-4326 www.fisharch.com
 po box 1395, palmer lake, co 80132

Palmer Lake
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 Rockin' The
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 100% Design
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DRAWN BY:	WLF
CHECKED BY:	JH/CG/JF



BRIDGE
 ELEVATIONS,
 SECTIONS, & DETAILS

C4.1



MINIMUM CONSTRUCTION CLEARANCE ENVELOPE
(NORMAL TO RAILROAD)

DESIGN BY: RAF	CHECKED BY: AMH
APPROVED:	
<i>Rick Friesen</i>	
UPRR - SENIOR MANAGER STRUCTURES DESIGN	
<i>Auston M. Huest</i>	
BNSF - ASSISTANT DIRECTOR STRUCTURES DESIGN	

	
BRIDGE STANDARDS	
GRADE SEPARATION GUIDELINES	
TEMPORARY CLEARANCE ENVELOPE	
FILE OWNER: UPRR	DATE: 1/05/11
PLAN NO.: 711000	SHEET: 20

REQUEST FOR PROPOSAL FORM

PROJECT: Pedestrian Bridge Erosion Repair
OWNER: Town of Palmer Lake
DUE DATE: Monday May 2, 2022, 5:00 p.m. MST

THE UNDERSIGNED PROPOSER, having familiarized himself with the conditions affecting the performance of the work and with the Contract Drawings, as prepared by GMS, Inc., Consulting Engineers and others, all of which are attached and made a part hereof, hereby proposes to furnish all plant, equipment, labor, materials and supervision to perform the work summarized hereafter for each proposal amount inserted.

The total proposal cost for each item includes all work necessary to complete that portion of the project described in each item and given on the Contract Drawings, and the total of all proposal costs represents the entire scope of work covered by the Contract Drawings. The proposal shall include all safety, protection and temporary containment measures necessary to preclude pedestrian traffic from interfering with work activities and to maintain public safety around the work site. The attached Contract Drawings Include:

1. Sheet 1 of 3 – West Abutment Plan, Pedestrian Bridge Erosion Repair, prepared by GMS, Inc. dated April 25, 2022
2. Sheet 2 of 3 – Section and Elevation, Pedestrian Bridge Erosion Repair, prepared by GMS, Inc. dated April 25, 2022
3. Sheet 3 of 3 – Riprap Plan, Pedestrian Bridge Erosion Repair, prepared by GMS, Inc. dated April 25, 2022
4. Sheet 1 – Temporary Clearance Envelope, Bridge Standards, prepared by UP/BNSF Railway, Inc. dated January 5, 2016

The Proposer certifies that this Proposal is genuine and is not made in the interest of, or on the behalf of, any undisclosed person, firm or corporation, and that this Proposal has been arrived at independently, without consultation, communication or agreement as to any matter relating to this Proposal with any other Proposer or competitor.

The Owner may select the proposal that best suits the Owner's needs for the project. The Owner reserves the right to reject a proposal if it does not support the Owner's best interest in completing the work.

WORK ITEM	PROPOSAL COST
No. 1: Furnish all labor, equipment and materials to install Flow-Fill erosion repair, including surface cleaning and preparation of existing soil and concrete footing; placement and support of formwork; placement, curing and finishing of Flow-Fill with fiber reinforcement and all miscellaneous items, complete in place.	\$ _____
No. 2: Furnish all labor, equipment and materials to install Riprap Erosion Protection, including installation and anchoring of filter fabric; placement of riprap; finishing and cleanup of disturbed areas and all miscellaneous items, complete in place.	\$ _____
TOTAL OF ALL PROPOSAL ITEMS	\$ _____

The Proposer will initiate construction activities by the following date: _____

The Proposer will complete construction activities by the following date: _____

Firm Name: _____ Phone Number: _____

Business Address: _____ By (title): _____

Signature: _____

Date: _____

GENERAL

1. THE LOCATIONS OF EXISTING UTILITIES AND OTHER UNDERGROUND APPURTENANCES HAVE NOT BEEN RESEARCHED OR SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL COORDINATE AS NECESSARY TO IDENTIFY POTENTIAL UNDERGROUND UTILITIES AND APPURTENANCES THAT MAY BE IMPACTED BY THE WORK AND PROTECT THOSE ITEMS FROM DAMAGE OR INTERRUPTION DURING THE COURSE OF CONSTRUCTION. THE ENGINEER AND/OR OWNER ASSUMES NO RESPONSIBILITY FOR ANY UNDERGROUND UTILITIES OR APPURTENANCES.
2. THE CONTRACTOR SHALL NOT DISTURB ANY EXISTING UTILITIES, PIPING OR APPURTENANCES UNLESS SPECIFICALLY NOTED ON THE DRAWINGS. ALL UTILITIES, PIPING AND APPURTENANCES SHALL REMAIN IN SERVICE AT ALL TIMES DURING CONSTRUCTION UNLESS OTHER ARRANGEMENTS, ACCEPTABLE TO THE OWNER, ARE MADE BETWEEN THE CONTRACTOR AND THE RESPECTIVE ITEM'S OWNER(S).
3. THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT ALL WORK IS PERFORMED IN ACCORDANCE WITH APPLICABLE STANDARDS AND REGULATIONS AS SET FORTH BY THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA).
4. THE INFORMATION SHOWN ON THE DRAWINGS WERE OBTAINED FROM THE SIGNED AND SEALED BID DRAWINGS FOR THE BRIDGE FOUNDATIONS PREPARED BY HCDA ENGINEERING, INC. ISSUED SEPTEMBER 9, 2019. THE CONTRACTOR SHALL REVIEW AND VERIFY THE EXISTING SITE CHARACTERISTICS AND INFORM HIMSELF OF THE CONDITIONS TO BE ENCOUNTERED DURING CONSTRUCTION.
5. THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION LAYOUT FOR BOTH HORIZONTAL AND VERTICAL DATA. THE DRAWINGS CONTAIN DIMENSIONS ON KEY FEATURES TOGETHER WITH ELEVATION INFORMATION THROUGHOUT THE PROJECT FOR THE CONTRACTOR'S USE IN LAYOUT OF THE THE PROJECT WORK. ALL LAYOUT SHALL BE COORDINATED WITH THE ENGINEER AND IS SUBJECT TO REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.
6. SOIL BORINGS HAVE NOT BEEN UNDERTAKEN ON THE PROJECT. EACH BIDDER MUST FORM HIS OWN OPINION OF THE CHARACTER OF THE MATERIALS THAT WILL BE ENCOUNTERED FROM A FIELD INSPECTION AND FROM SUCH OTHER INVESTIGATIONS AS HE MAY DESIRE.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LEGAL DISPOSAL OF ANY EXCESS SOIL, DEBRIS AND WASTE MATERIAL OFF THE PROJECT SITE. THOSE COMPONENTS REMOVED BY THE CONTRACTOR AND DEEMED AS SALVAGE BY THE OWNER SHALL BE DELIVERED TO THE OWNER BY THE CONTRACTOR.
8. EXISTING SOIL MATERIAL EXCAVATED FOR THE WORK SHALL BE BACKFILLED AND USED ON SITE TO AVOID THE NEED TO REMOVE IT FROM THE SITE. FINAL GRADING SHALL NEATLY BLEND INTO SURROUNDING AREAS AND PROVIDE FOR COMPLETE DRAINAGE AWAY FROM STRUCTURES. RESTORE DRAINAGE PATTERNS TO AS GOOD AS, OR BETTER THAN, ORIGINALLY FOUND.
9. SOIL COMPACTION SHALL BE TO A MINIMUM OF 95% OF MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D698. COMPACTION TESTING WILL BE CONDUCTED AT THE DISCRETION OF THE OWNER.
10. DO NOT PLACE ANY FILL MATERIALS OR PERFORM COMPACTION ACTIVITIES IN UNACCEPTABLE CONDITIONS OF FROST, EXCESS MOISTURE, UNSTABLE MATERIAL, ETC. PROTECT ALL EXISTING STRUCTURES AND NEW WORK FROM DAMAGE DURING COMPACTION ACTIVITIES.
11. SEEDING OF THE CONSTRUCTION AREA IS NOT REQUIRED, THE OWNER SHALL COMPLETE SEEDING AT A LATER TIME. LIMIT THE AREAS OF DISTURBANCE TO THE ABSOLUTE MINIMUM REQUIRED TO COMPLETE THE WORK.
12. DO NOT DISTURB OR REMOVE ANY EXISTING TREES OR VEGETATION WITHOUT PRIOR AUTHORIZATION FROM THE OWNER.
13. COORDINATE ALL WORK WITH THE ENGINEER AND OWNER. WORK TIMES AND WORK AREAS SHALL BE CLOSELY MONITORED TO LIMIT THE DISRUPTION OR IMPACT TO PUBLIC USE OF THE BRIDGE, AND TO AVOID ANY CONFLICTS WITH THE NORMAL OPERATIONS OF THE PUBLIC FACILITIES.
14. ANY SIGNS, FENCING, OR OTHER APPURTENANCES REMOVED DURING CONSTRUCTION SHALL BE REINSTALLED IN THE SAME LOCATION AND CONDITION AS ORIGINALLY FOUND.
15. LIMIT WORK TO THE IMMEDIATE AREA NECESSARY. UNDER NO CIRCUMSTANCES SHALL PERSONNEL ENTER, OR WORK ACTIVITIES TAKE PLACE WITHIN, RAILROAD RIGHT-OF-WAY. ALL WORK SHALL BE PERFORMED WITHOUT DISTURBANCE OR DISRUPTION TO RAILROAD OPERATIONS.

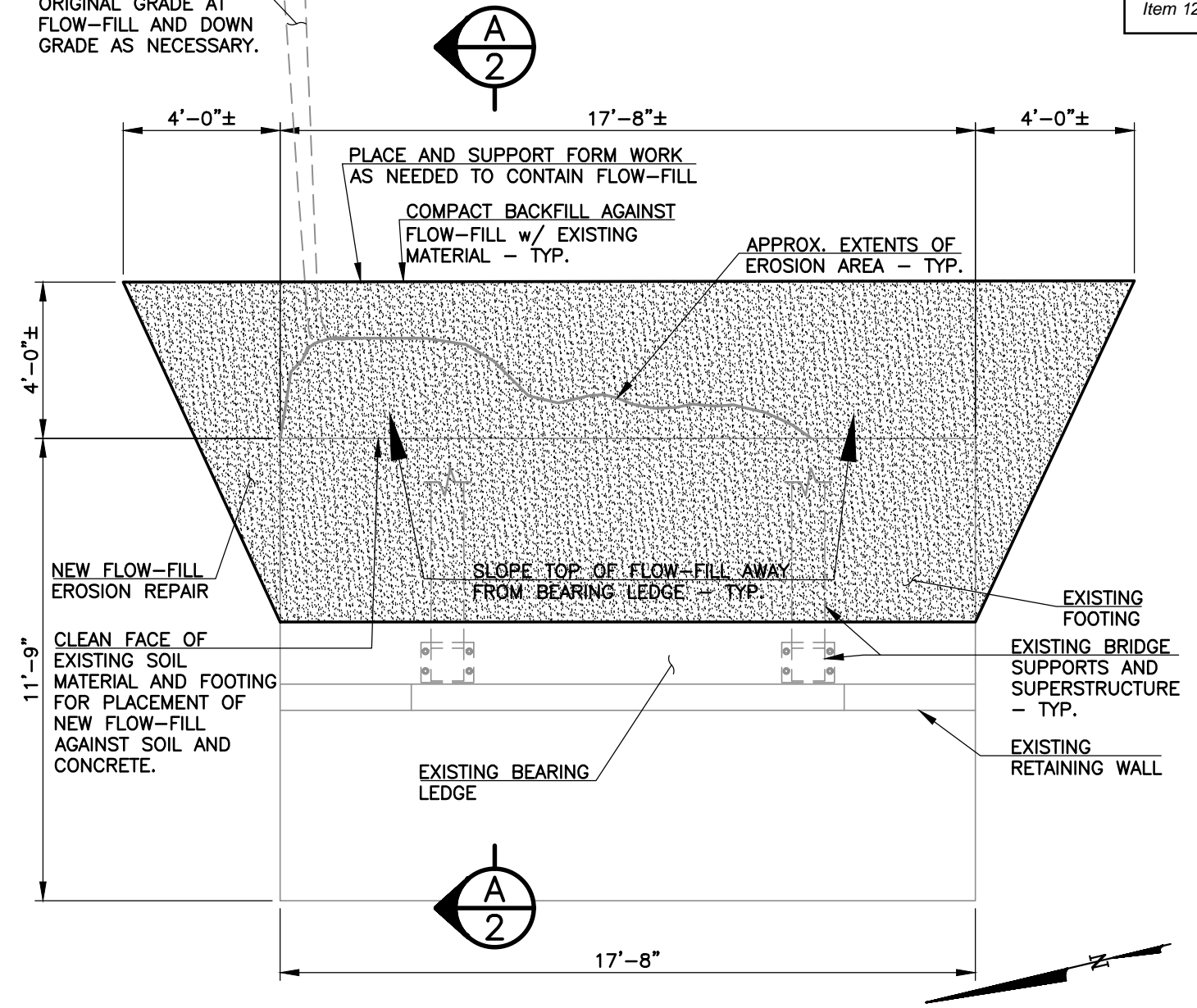
WORK ACTIVITIES

1. ALL MATERIALS, WORKMANSHIP, DESIGN, AND CONSTRUCTION SHALL CONFORM TO THE DRAWINGS, SPECIFICATIONS, AND THE 2015 EDITION OF THE INTERNATIONAL BUILDING CODE (IBC), AS ADOPTED AND AMENDED BY THE AUTHORITY HAVING JURISDICTION.
2. THE WORK IS DESIGNED TO BE STABLE AND SELF SUPPORTING AT THE COMPLETION OF CONSTRUCTION. TEMPORARY BRACES, GUYS, TIE-DOWNS, SHORING, ETC. DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
3. WORK CONDITIONS WHERE SECTIONS OR DETAILS ARE CUT SHALL ALSO APPLY TO COMPARABLE SIMILAR LOCATIONS ELSEWHERE ON THE PLANS REGARDLESS IF THE SECTION MARK IS NOT INDICATED. DETAILS SHOWN APPLY TO ALL SIMILAR CONDITIONS UNLESS NOTED OTHERWISE.
4. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, ELEVATIONS, QUANTITIES, ETC., IN THE FIELD PRIOR TO THE BEGINNING OF ANY NEW CONSTRUCTION. NOTIFY ENGINEER OF ANY DISCREPANCIES FOUND IMMEDIATELY.
5. CONTRACTOR SHALL VERIFY AND COORDINATE THE FINAL LOCATION, LAYOUT, DIMENSION, AND DETAILS OF ALL WORK. THE CONTRACTOR SHALL CONSULT WITH THE SUBCONTRACTORS AND SUPPLIERS TO OBTAIN THE REQUIREMENTS FOR EQUIPMENT AND/OR MATERIALS THAT WILL BE PROVIDED FOR THE PROJECT. VARIATIONS TO THE WORK INDICATED ON THE CONSTRUCTION DOCUMENTS SHALL BE COORDINATED AND INSTALLED AT NO ADDITIONAL COST, AFTER REVIEW AND APPROVAL BY THE ENGINEER IS OBTAINED.
6. THE DRAWINGS REPRESENT THE FINISHED WORK, NOT THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE EXISTING STRUCTURES DURING CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, BRACING, SHORING, UNDERPINNING FOR CONSTRUCTION LOADS AND EQUIPMENT, ETC. THE ENGINEER IS NOT RESPONSIBLE FOR THE CONTRACTOR'S MEANS AND METHODS, SEQUENCES OF CONSTRUCTION, OR THE SAFETY PROGRAM. OBSERVATION VISITS TO THE SITE BY THE ENGINEER WILL NOT INVOLVE REVIEW OF THESE ITEMS.
7. ALL RIPRAP SHALL MEET CDOT SPECIFICATIONS FOR NOMINAL SIZE OF 12" AND ALL FILTER FABRIC SHALL MEET CDOT SPECIFICATION 712 FOR WOVEN GEOTEXTILES USED FOR PERMANENT EROSION CONTROL, CLASS 3.

CONCRETE AND FLOW-FILL

1. ALL FLOW-FILL WORK SHALL BE COMPLETED IN ACCORDANCE WITH CDOT SPECIFICATIONS. FLOW-FILL SHALL MEET CDOT SPECIFICATION 206.02(a)2 FOR STRUCTURAL BACKFILL (FLOW-FILL) MATERIAL AND CDOT SPECIFICATION 206.03 FOR CONSTRUCTION REQUIREMENTS OF STRUCTURAL BACKFILL (FLOW-FILL).
2. FLOW-FILL SPECIFICATIONS
 - A. CEMENT: TYPE I/II
 - B. MINIMUM COMPRESSIVE STRENGTH IN 28 DAYS: 50 PSI
 - C. MAXIMUM WATER/CEMENT RATIO: 0.7
 - D. SLUMP: 7" - 10"
 - E. AIR ENTRAINMENT: 6% ±1%
 - F. CONFORM TO CDOT SPECIFICATION 206.02(a)2
3. FIBER REINFORCEMENT SHALL BE PROVIDED FOR ALL FLOW-FILL APPLICATIONS
 - A. POLYPROPYLENE FIBERS: FIBERMESH 150
 - B. CELLULOSE FIBERS: BUCKEYE ULTRAFIBER 500
 - C. OR EQUAL FIBERS
 - D. SUPPLY 1.5 CUBIC FEET PER CUBIC YARD OF FLOW-FILL IN MANUFACTURER'S STANDARD VOLUMETRIC PACKAGING
4. FLOW-FILL SHALL BE COMPLETELY CONSOLIDATED IN PLACE BY VIBRATORY METHODS OR EQUAL TO ENSURE AIR VOIDS AND HONEYCOMBING DO NOT EXIST.
5. FLOW-FILL FORMS SHALL BE OF PLYWOOD OR SIMILAR MATERIAL TO SUITABLY SUPPORT THE FLOW-FILL DURING THE CURING PROCESS. ONLY THE THREE EXPOSED SIDES SHALL BE FORMED. THE SIDE UNDER/AT THE FACE OF FOOTING SHALL BE POURED AGAINST EXISTING SOIL MATERIAL. CLEAN THE VERTICAL SURFACE OF THE EXISTING SOIL MATERIAL UNDER/AT THE FOOTING FACE OF LOOSE MATERIAL, BUT DO NOT OVER-EXCAVATE OR UNDERMINE THE FOOTING IN ANY WAY. POUR FLOW-FILL AGAINST THE CLEANED VERTICAL SURFACE OF EXISTING SOIL MATERIAL.

FILL ERODED RUT TO ORIGINAL GRADE AT FLOW-FILL AND DOWN GRADE AS NECESSARY.



1 WEST ABUTMENT PLAN
1 SCALE: 1/4" = 1'-0"

REVISIONS		
NO.	DATE	DESCRIPTION
1	03/04/2022	PRELIMINARY DRAWINGS ISSUED FOR REVIEW
2	04/15/2022	REVISED PER BNSF AND UP COMMENTS
3	04/25/2022	ISSUED FOR PROPOSALS

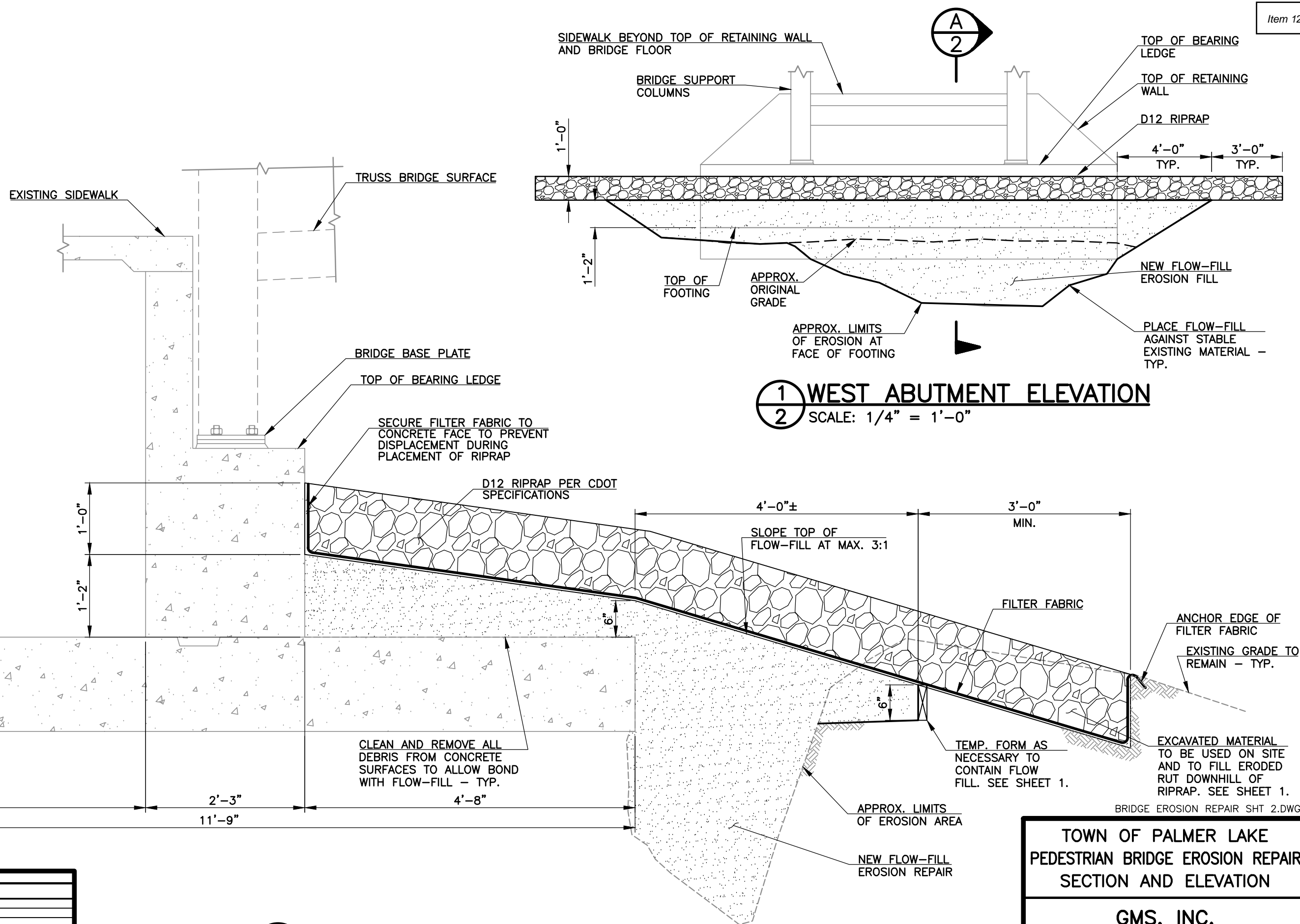
BRIDGE EROSION REPAIR SHT 1.DWG

TOWN OF PALMER LAKE
PEDESTRIAN BRIDGE EROSION REPAIR
WEST ABUTMENT PLAN

GMS, INC.

CONSULTING ENGINEERS
611 N. WEBER, SUITE 300
COLORADO SPRINGS, COLORADO 80903

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1 WEST ABUTMENT ELEVATION
2 SCALE: 1/4" = 1'-0"

A WEST ABUTMENT SECTION
2 SCALE: 3/4" = 1'-0"

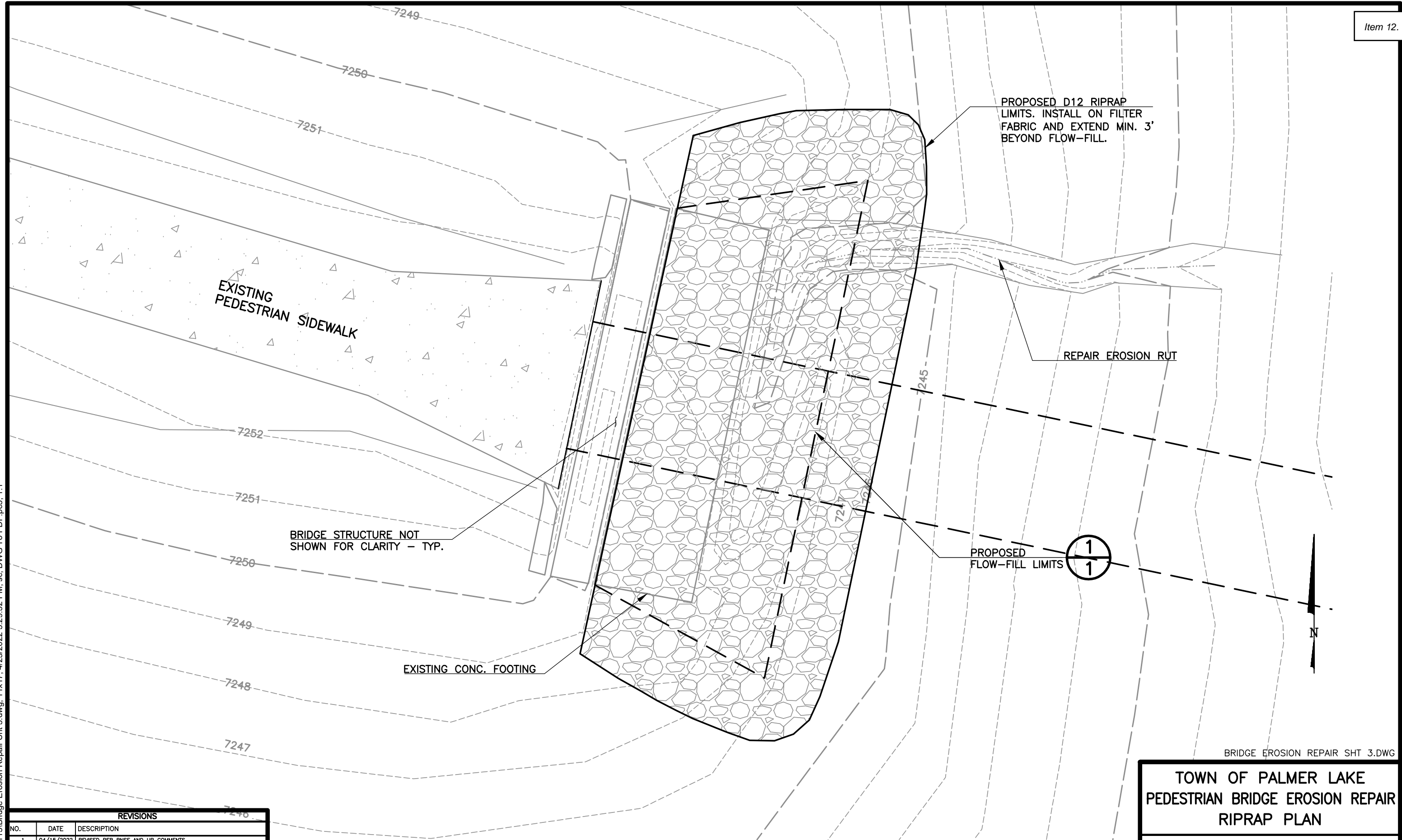
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TOWN OF PALMER LAKE
PEDESTRIAN BRIDGE EROSION REPAIR
SECTION AND ELEVATION

GMS, INC.
 CONSULTING ENGINEERS
 611 N. WEBER, SUITE 300
 COLORADO SPRINGS, COLORADO 80903
 MARCH 2022

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REVISIONS		
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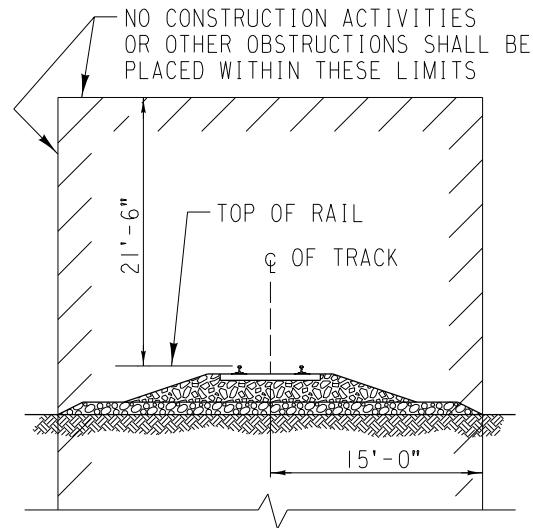
1 **RIPRAP PLAN**
3 SCALE: 1/4" = 1'-0"

SHEET 3 OF 3

BRIDGE EROSION REPAIR SHT 3.DWG

**TOWN OF PALMER LAKE
PEDESTRIAN BRIDGE EROSION REPAIR
RIPRAP PLAN**

GMS, INC.
CONSULTING ENGINEERS
611 N. WEBER, SUITE 300
COLORADO SPRINGS, COLORADO 80903
MARCH 2022



MINIMUM CONSTRUCTION CLEARANCE ENVELOPE
(NORMAL TO RAILROAD)

DESIGN BY: RAF	CHECKED BY: AMH
APPROVED:	
<i>Rick Friesen</i>	
UPRR - SENIOR MANAGER STRUCTURES DESIGN	
<i>Auston M. Huest</i>	
BNSF - ASSISTANT DIRECTOR STRUCTURES DESIGN	



BRIDGE STANDARDS
GRADE SEPARATION GUIDELINES
TEMPORARY CLEARANCE ENVELOPE

FILE OWNER: UPRR	DATE: 1/05/11	25
PLAN NO.: 711000	SHEET:	