

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	0001-391	1	10

Plotting Date: mmm-ddd-yyy

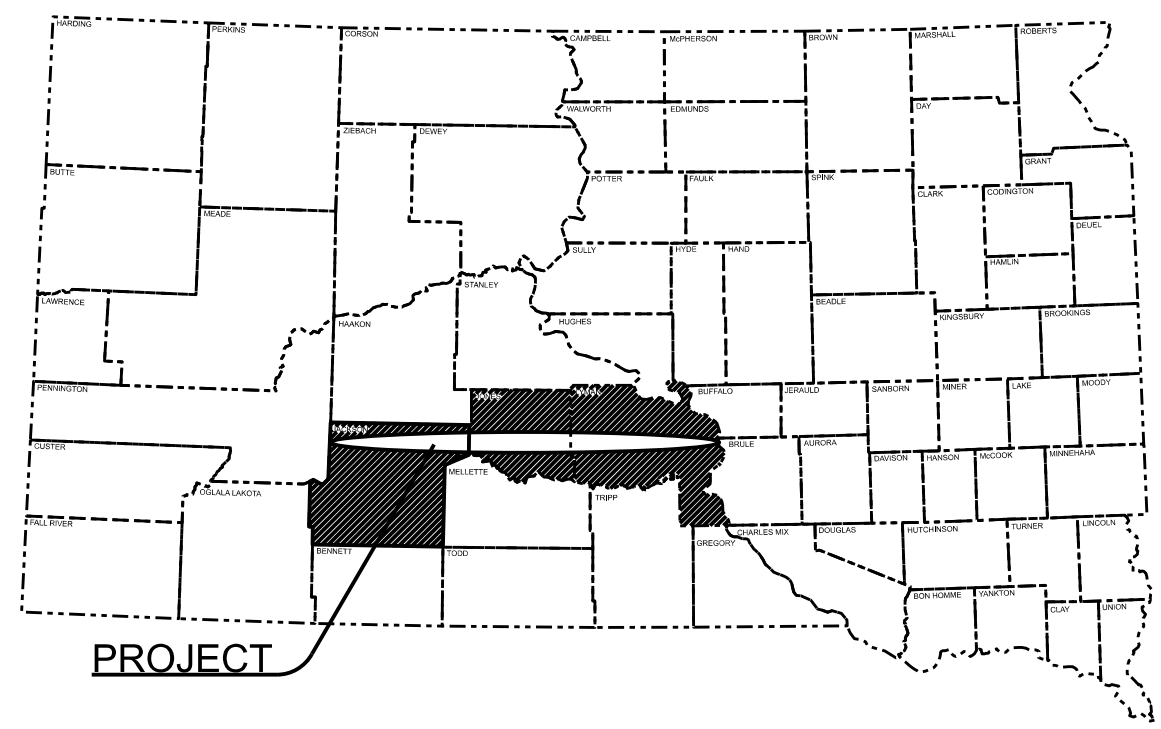
STATE OF SOUTH DAKOTA
DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED
PROJECT 0001-391
INTERSTATE 90
JACKSON, JONES & LYMAN COUNTIES

INDEX OF SECTIONS

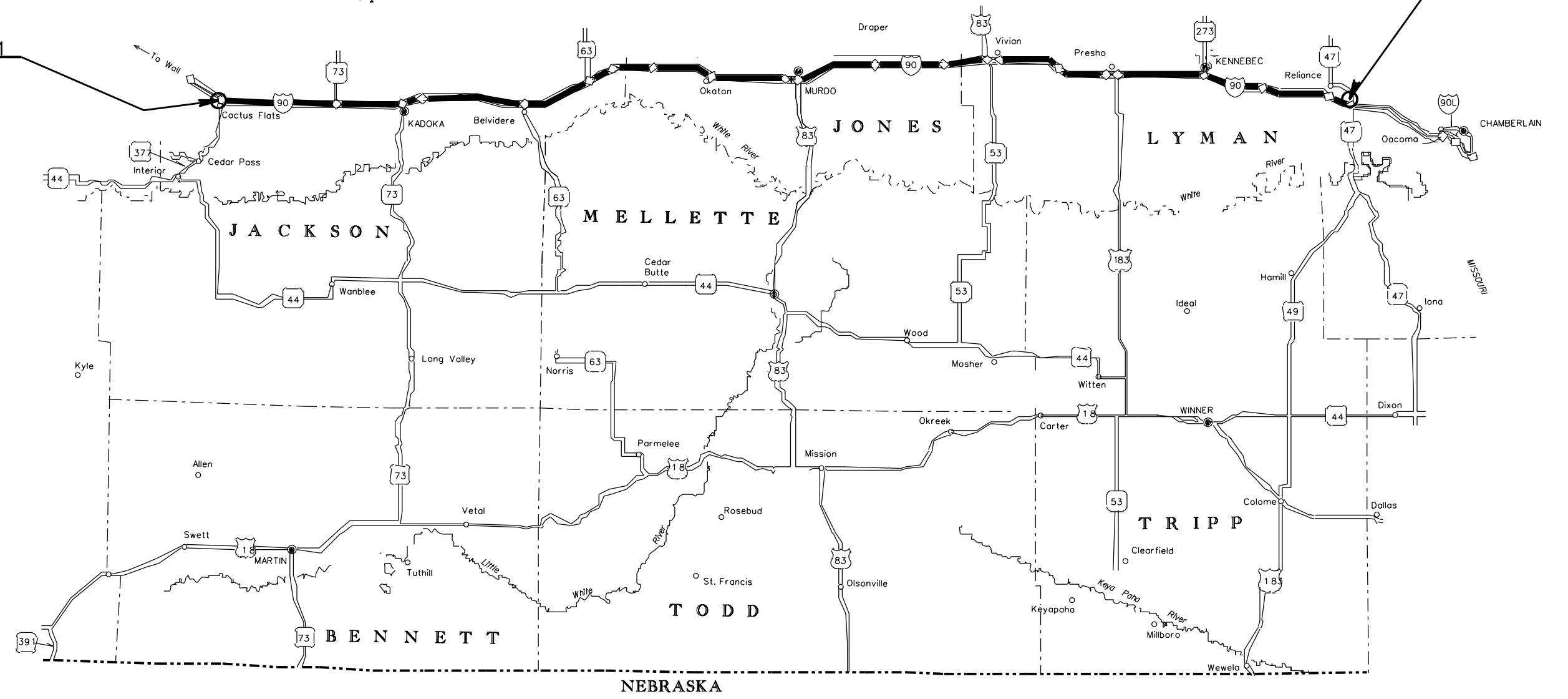
SHEET 1:	TITLE SHEET
SHEETS 2 thru 4:	ESTIMATE OF QUANTITIES, ENVIRONMENTAL COMMITMENTS & PLAN NOTES
SHEET 5:	FENCE TABLES
SHEETS 6 THRU 11:	STANDARD PLATES

END PROJECT 0001-391
PCN i7PD
EBL & WBL MRM 251.00



PROJECT

BEGIN Project 0001-391
PCN i7PD
EBL & WBL MRM 131.00



PLOT SCALE - \$\$\$SCALE\$\$\$

PLOT NAME - \$\$\$PLOTNAME\$\$\$

STORM WATER PERMIT
NONE REQUIRED

ESTIMATE OF QUANTITIES

PROJECT 000I-391 I-90 FENCE REPAIR

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
* 009E0010	Mobilization	Lump Sum	LS
* 620E1020	2 Post Panel	15	Each
* 620E1030	3 Post Panel	5	Each
* 620E1100	Steel Fence Post	50	Each
* 620E1110	Wood Fence Post	50	Each
* 620E4000	Repair Fence	32,148	Ft
* 620E4100	Reset Fence	8,720	Ft
* 634E0120	Traffic Control, Miscellaneous	Lump Sum	LS

* - Denotes Non-Participating

SPECIFICATIONS

Standard Specifications for Roads & Bridges, 2015 Edition and Required Provisions, Supplemental Specifications and Special Provisions as included in the Proposal.

ENVIRONMENTAL COMMITMENTS

The SDDOT is committed to protecting the environment and uses Environmental Commitments as a communication tool for the Engineer and Contractor to ensure that attention is given to avoid, minimize, and/or mitigate an environmental impact. Environmental commitments to various agencies and the public have been made to secure approval of this project. An agency with permitting authority can delay a project if identified environmental impacts have not been adequately addressed. Unless otherwise designated, the Contractor's primary contact regarding matters associated with these commitments will be the Project Engineer. During construction, the Project Engineer will verify that the Contractor has met Environmental Commitment requirements. These environmental commitments are not subject to change without prior written approval from the SDDOT Environmental Office.

Additional guidance on SDDOT's Environmental Commitments can be accessed through the Environmental Procedures Manual found at: <https://dot.sd.gov/media/documents/EnvironmentalProceduresManual.pdf>

For questions regarding change orders in the field that may have an effect on an Environmental Commitment, the Project Engineer will contact the Environmental Engineer at 605-773-3180 or 605-773-4336 to determine whether an environmental analysis and/or resource agency coordination is necessary.

Once construction is complete, the Project Engineer will review all environmental commitments for the project and document their completion.

COMMITMENT E: STORM WATER

Construction activities constitute less than 1 acre of disturbance.

Action Taken/Required:

At a minimum and regardless of project size, appropriate erosion and sediment control measures must be installed to control the discharge of pollutants from the construction site.

COMMITMENT H: WASTE DISPOSAL SITE

The Contractor will furnish a site(s) for the disposal of construction and/or demolition debris generated by this project.

Action Taken/Required:

Construction and/or demolition debris may not be disposed of within the Public ROW.

The waste disposal site(s) will be managed and reclaimed in accordance with the following from the General Permit for Construction/Demolition Debris Disposal Under the South Dakota Waste Management Program issued by the Department of Agriculture and Natural Resources.

The waste disposal site(s) will not be located in a wetland, within 200 feet of surface water, or in an area that adversely affects wildlife, recreation, aesthetic value of an area, or any threatened or endangered species, as approved by the Environmental Office and the Project Engineer.

If the waste disposal site(s) is located such that it is within view of any ROW, the following additional requirements will apply:

1. Construction and/or demolition debris consisting of concrete, asphalt concrete, or other similar materials will be buried in a trench separate from wood debris. The final cover over the construction and/or demolition debris will consist of a minimum of 1 foot of soil capable of supporting vegetation. Waste disposal sites provided outside of the Public ROW will be seeded in accordance with Natural Resources Conservation Service recommendations. The seeding recommendations may be obtained through the appropriate County NRCS Office. The Contractor will control the access to waste disposal sites not within the Public ROW with fences, gates, and placement of a sign or signs at the entrance to the site stating, "No Dumping Allowed".

2. Concrete and asphalt concrete debris may be stockpiled within view of the ROW for a period not to exceed the duration of the project. Prior to project completion, the waste will be removed from view of the ROW or buried, and the waste disposal site reclaimed as noted above.

The above requirements will not apply to waste disposal sites that are covered by an individual solid waste permit as specified in SDCL 34A-6-58, SDCL 34A-6-1.13, and ARSD 74:27:10:06. Failure to comply with the requirements stated above may result in civil penalties in accordance with South Dakota Solid Waste Law, SDCL 34A-6-1.31.

All costs associated with furnishing waste disposal site(s), disposing of waste, maintaining control of access (fence, gates, and signs), and reclamation of the waste disposal site(s) will be incidental to the various contract items.

COMMITMENT I: HISTORICAL PRESERVATION OFFICE CLEARANCES

State Historical Preservation Office (SHPO or THPO) concurrence has not been obtained for this project.

Action Taken/Required:

All earth disturbing activities not designated within the plans require a cultural resource review prior to scheduling the pre-construction meeting. This work includes, but is not limited to: Contractor furnished material sources, material processing sites, stockpile sites, storage areas, plant sites, and waste areas.

The Contractor will arrange and pay for a record search and when necessary, a cultural resource survey. The Contractor has the option to contact the state Archaeological Research Center (ARC) at 605-394-1936 or another qualified archaeologist, to obtain either a records search or a cultural resources survey. A record search might be sufficient for review if the site was previously surveyed; however, a cultural resources survey may need to be conducted by a qualified archaeologist.

The Contractor will provide ARC with the following: a topographical map or aerial view of which the site is clearly outlined, site dimensions, project number, and PCN. If applicable, provide evidence that the site has been previously disturbed by farming, mining, or construction activities with a landowner statement that artifacts have not been found on the site.

The Contractor will submit the cultural resources survey report to SDDOT Environmental Office, 700 East Broadway Avenue, Pierre, SD 57501-2586. SDDOT will submit the information to the appropriate SHPO/THPO. Allow 30 Days from the date this information is submitted to the Environmental Engineer for SHPO/THPO review.

In the event of an inadvertent discovery of human remains, funerary objects, or if evidence of cultural resources is identified during project construction activities, then such activities will immediately cease and the Project Engineer will be immediately notified. The Project Engineer will contact the SDDOT Environmental Office to determine an appropriate course of action.

The Contractor is responsible for obtaining any additional permits and clearances for Contractor furnished material sources, material processing sites, stockpile sites, storage areas, plant sites, and waste areas that affect wetlands, threatened and endangered species, or waterways. The Contractor will not utilize a site known or suspected of having contaminated soil or water. The Contractor will provide the required permits and clearances to the Project Engineer at the preconstruction meeting.

SCOPE OF WORK

The work required for this project includes, but is not limited to, the following items, not listed in order of execution.

1. Set Up Traffic Control
2. Repair Fence on I-90 MRM 131.00 to 251.00 EBL & WBL
3. Restore and Seed any Disturbed Ground
4. Dispose of Debris
5. Remove Traffic Control

The Contractor is encouraged to inspect the project site prior to bidding to evaluate the extent of work that will be required for construction.

All fence repair/reset will be completed from inside the ROW. No easements have been obtained for this work.

Quantities for this project may be reduced at the discretion of the Department. Reduction in project quantities may occur if the Department is required to repair fence on pastureland prior to the start of this project to ensure livestock cannot get out onto Interstate 90.

RESTORATION OF INSLOPES AND DITCHES

Any slope area or ditch that is rutted or otherwise unduly disturbed by the Contractor's equipment during fencing operations, will be restored and seeded by the Contractor at his expense and approved by the Engineer. Cost for this work will be incidental to other contract items. The permanent seed mixture as stated elsewhere in this proposal will be used.

UTILITIES

The Contractor will contact the utility companies that may be involved prior to starting work. It will be the responsibility of the Contractor to coordinate his work with the utility company to avoid damage to existing facilities.

MAINTENANCE OF TRAFFIC

All temporary traffic control sign locations will be set in the field by the Contractor and verified by the Engineer prior to installation.

All construction operations will be conducted in the general direction of traffic movement. Traffic will be maintained on the proper directional set of lanes throughout the project during construction operations. Lane closures will not be allowed on this project. The Contractor will arrange the details of their operation as to cause a minimum of inconvenience and delay to the traveling public.

If there is a discrepancy between the traffic control plans, standard plates, and the MUTCD, whichever is more stringent will be used, as determined by the Engineer.

Unless otherwise stated in these plans, work will not be allowed during hours of darkness. During nights, weekends and other non-working hours, all non-applicable traffic control signs, materials and equipment will be removed from the roadway or ditch will be stored a minimum of 30 feet from the traveled lanes.

All costs for traffic control, including signs, will be incidental to the contract lump sum price for "Traffic Control, Miscellaneous".

WOOD AND STEEL FENCE POSTS

As determined by the Engineer, some line posts may need to be removed and replaced with new posts in the fence repair areas. The Engineer will determine if a post is suitable to be used or if a new post is to be installed. New wood and steel fence posts will be measured and paid for at the contract unit bid price per post for each item. Payment will be full compensation for labor, equipment and all incidentals to remove and replace the line post.

Care will be taken to maximize the use of existing wood and steel line posts.

NEW BRACE PANELS

The Engineer will determine the locations for replacing and/or installing of the 2-Post Brace Panels and 3-Post Brace Panels. Payment will be made on the actual amount installed and will be paid for at the contract unit price per panel. Such payment will be full compensation for labor, horizontal brace posts, equipment and incidentals necessary to construct the brace panels. The Contractor will be responsible to provide all items necessary to complete the brace panel as shown on the standard plate. Cost for this work will be incidental to the unit bid price per each for "2-Post Panel" and "3-Post Panel".

It is anticipated that the quantities for "2-Post Panel" and "3-Post Panel" will increase on this project, due to the amount of fence buried by snow.

BRACE PANELS FOR ROW FENCE

The E-Z Brace or an approved equal may be utilized as an alternate horizontal brace in the brace panels if approved by the Engineer. The E-Z Brace will be attached to each wood post utilizing two 5/16" x 3" lag screws. Holes of appropriate diameter, based on wood post condition, will be drilled before placement of lag screws. The following is the contact regarding the E-Z Brace:

Charlie Mack
Macksteel E-Z Braces
415 20th Ave. SE.
Watertown, SD 57201
605-882-2177

BRACE PANELS LEFT IN PLACE

Brace panels that are left in place through areas of repair fence areas, may need some repair work such as:

1. Replace dowels and reposition brace post.
2. Replace or tighten diagonal tension wire.
3. Align and re-tamp posts.
4. Other incidental work as necessary.

Cost to accomplish the repair work on brace panels will be incidental to other contract items.

REPAIR GATE

As determined by the Engineer, the Contractor will repair access gates in the existing ROW fence. The materials and installation of the brace panels for the wire gates will correspond to the "New Brace Panel" note and the standard plate. Brace panels necessary to complete the gate will be paid for on a per each basis under the corresponding bid item "2-Post Panel" or "3-Post Panel".

The Contractor will be responsible to furnish all other materials necessary to repair the wire gate. Cost for these materials will be included in the bid item "Repair Fence".

Payment for the wire gates will be measured as "Repair Fence" and will be full compensation for furnishing all materials, constructing the wire gate as shown on the standard plate, attaching and stretching the existing wires to the brace post panel, labor, equipment and all other incidentals associated with the installation of the wire gate.

REPAIR FENCE

The Engineer will identify areas in need of repair and determine the amount repaired. The repair of R/W fence will consist of splicing and stretching the existing wire and attaching the wire to existing posts and brace panels. Some areas may require the removal and replacement of staples and fasteners to achieve the proper dimensions shown on the standard. The posts will be paid for under the bid item Wood Fence Posts or Steel Fence Posts, whichever is applicable. Cost for splicing, stretching and installing the new wire in the repair area, will be included in the unit bid price for "Repair Fence". All wire, staples, fasteners and miscellaneous items necessary to complete the repair will be furnished by the Contractor. Cost associated with these items will be included in the bid item "Repair Fence".

Existing wood and steel fence line posts that are not at the correct height, will be pulled and reset to the correct height as per the applicable standard plate in these plans. Costs for pulling and resetting these existing wood and steel will be incidental to the unit bid price for "Repair Fence".

Limited Access Security – All fence removed during any one working day is to be reset during the same day if livestock is being restrained. The Contractor will be responsible to coordinate with the adjacent landowners when livestock is present.

All removed fence material will become the property of the Contractor. Disposal of removed material will not be allowed within the R.O.W. and will be disposed of outside the limits of view of the project.

Fence will be repaired to match the fence adjacent to the repair area and according to the applicable Standard Plate included in these plans for this project as approved by the Engineer.

Fence removed will not be measured and paid for. All costs for removing fence will be incidental to other contract bid items.

The Repair Fence bid item will be measured and paid for according to the tables listed elsewhere in these plans, (inclusive of brace panels, number of wires repaired and gates) and will be paid for at the contract unit price per foot under the bid item "Repair Fence". This work will include the repair of all wires in the fence at that location. Such payment will be full compensation for incidental materials, labor and equipment necessary to repair the fence. Field measurement for the areas listed in the plans will not be made. Wood and steel fence posts replaced in these sections will be paid for as noted elsewhere in these plans.

Any fence repaired by the Department prior to the Contractor will be subtracted from the Contract. Any additional areas added by the Engineer will be measured and paid for. The minimum measurement will be 100' for each area regardless of actual measurements. Areas that are greater than 100' in length will be measured and paid for in 100' increments.

The Contractor will be required to repair the fence at locations where livestock will be placed prior to locations where livestock will not be placed. It will be the responsibility of the Contractor to contact the landowners along the project to determine sequencing of fence repair operations.

RESET FENCE

The Engineer will identify areas in need of reset and determine the amount reset. The resetting of R/W fence will consist of splicing and stretching the existing wire and attaching the wire to existing posts and brace panels. Some areas may require the removal and replacement of staples and fasteners to achieve the proper dimensions shown on the standard. The posts will be paid for under the bid item Wood Fence Posts or Steel Fence Posts, whichever is applicable. Cost for splicing, stretching and installing the new wire in the reset area, will be included in the unit bid price for "Reset Fence". All wire, staples, fasteners and miscellaneous items necessary to complete the repair will be furnished by the Contractor. Cost associated with these items will be included in the bid item "Reset Fence".

Existing wood and steel fence line posts that are not at the correct height, will be pulled and reset to the correct height as per the applicable standard plate in these plans. Costs for pulling and resetting these existing wood and steel will be incidental to the unit bid price for "Reset Fence".

Limited Access Security – All fence removed during any one working day is to be reset during the same day if livestock is being restrained. The Contractor will be responsible to coordinate with the adjacent landowners when livestock is present.

All removed fence material will become the property of the Contractor. Disposal of removed material will not be allowed within the R.O.W. and will be disposed of outside the limits of view of the project.

Fence will be reset to match the fence adjacent to the repair area and according to the applicable Standard Plate included in these plans for this project as approved by the Engineer.

Fence removed will not be measured and paid for. All costs for removing fence will be incidental to other contract bid items.

The Reset Fence bid item will be measured and paid for according to the tables listed elsewhere in these plans, (inclusive of brace panels, number of wires repaired and gates) and will be paid for at the contract unit price per foot under the bid item "Reset Fence". This work will include the repair of all wires in the fence at that location. Such payment will be full compensation for incidental materials, labor and equipment necessary to reset the fence. Field measurement for the areas listed in the plans will not be made. Wood and steel fence posts replaced in these sections will be paid for as noted elsewhere in these plans.

Any fence repaired by the Department prior to the Contractor will be subtracted from the Contract. Any additional areas added by the Engineer will be measured and paid for. The minimum measurement will be 100' for each area regardless of actual measurements. Areas that are greater than 100' in length will be measured and paid for in 100' increments.

The Contractor will be required to reset the fence at locations where livestock will be placed prior to locations where livestock will not be placed. It will be the responsibility of the Contractor to contact the landowners along the project to determine sequencing of fence repair operations.

Permanent Seeding

For information only.

Special Permanent Seed Mixture 1 will consist of the following:

Grass Species	Variety	Pure Live Seed (PLS) (Pounds/Acre)
Western Wheatgrass	Arriba, Flintlock, Rodan, Rosana, Walsh	16
Canada Wildrye	Mandan	2
Oats or Spring Wheat: April through May; Winter Wheat: August through November		10
Total:		18

Hand seeding devices approved by the Engineer will be allowed. Following the seeding operations, the area will be raked to the satisfaction of the Engineer.

Mulching (Grass Hay or Straw)

For information only.

The Contractor will hand mulch all disturbed areas after the completion of hand seeding. Mulch will be free of noxious weed.

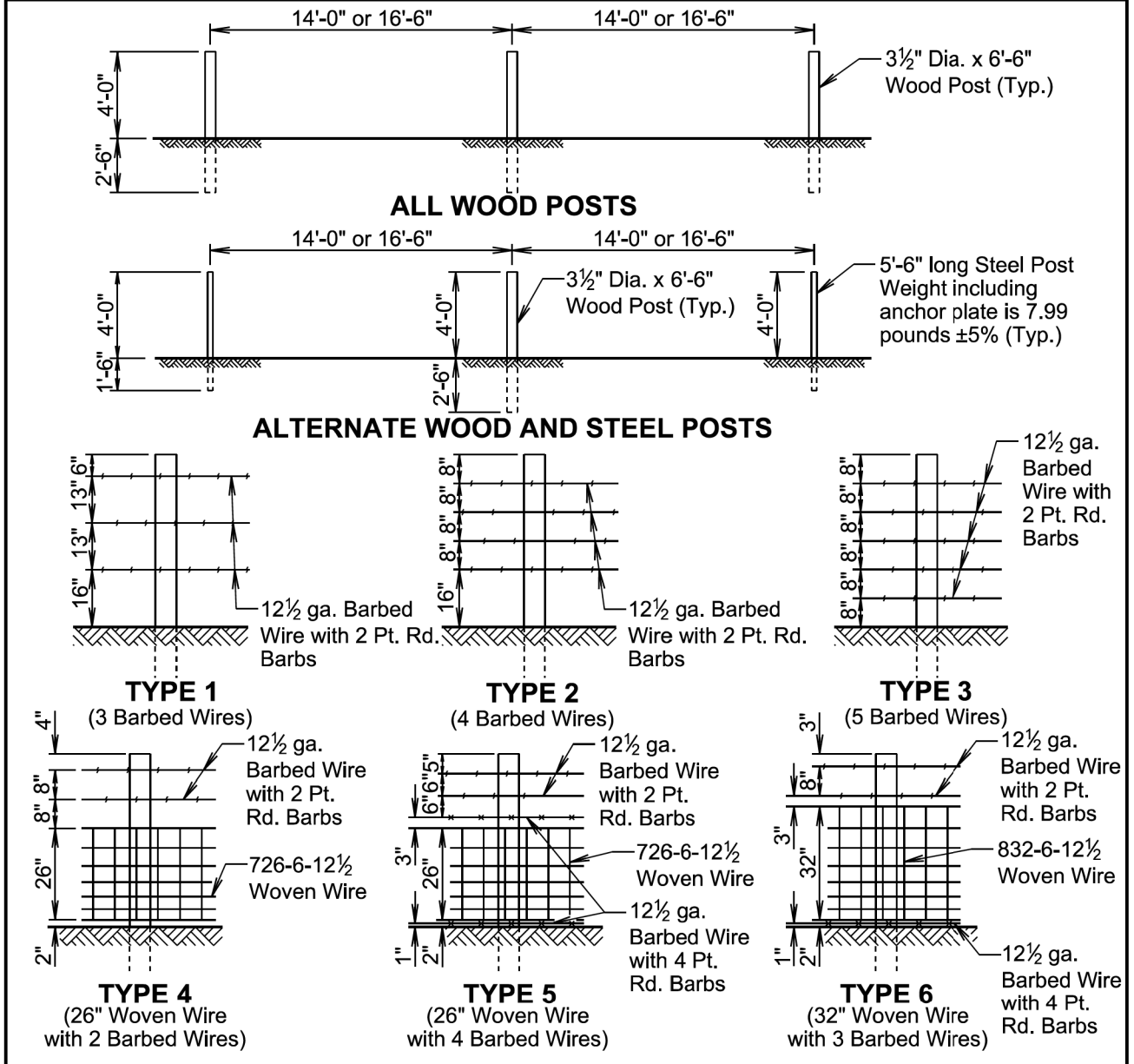
Project 00I-391 PCN I7PD

Westbound		Repair Fence (Ft)			Reset Fence(Ft)	2-Post Panel	3-Post Panel	Wood Post	Steel Post
MRM to MRM		1 Wire	2 Wire	3 Wire	4 Wire	Each	Each	Each	Each
145	146			240		2			
153	154						1		
156	157					1			
159	160	128							
162	163	80							
164	165					1			
170	171				320				
171	172		240						
172	173		640						
173	174	448	400						
174	176	1184							
178	179		512						
179	180		608						
180	181	800							
181	182		128						
183	184	128							
184	185	384							
185	186		384						
187	188	960							
188	189	320			160				
189	190	320							
190	191	560							
191	192		592						
193	194	1600							
194	195		1600		800				
195	196			1360					
196	197		592						
197	198		1712						
198	199		512						
199	200		864						
200	201		320		1200				
201	202				160				
202	203		1920						
203	204		3200						
204	205		260			1	1	1	
207	208							1	
210	211					1			
214	215							1	
218	219				160	1		3	1
222	223						1		
224	225					1			
232	233				80				
239	240				80				
250	251		1000						
Totals		6912	15484	1600	2960	8	3	6	1

Project 00I-391 PCN I7PD

Eastbound		Repair Fence (Ft)			Reset Fence(Ft)	2-Post Panel	3-Post Panel	Wood Post	Steel Post
MRM to MRM		1 Wire	2 Wire	3 Wire	4 Wire	Each	Each	Each	Each
137	138	96							
143	144				512			3	3
144	145							1	
149	150							1	
154	155					1			
166	167	176							
167	168		128						
168	169				2480	1			1
169	170				1600		1		
170	171		992			2			
171	172		64						
172	173					1			
173	174	192							
174	175	176							
175	176		224						
176	177	224						1	
177	178	160							
178	179		400			1			
180	181		400						
181	182		80						
183	184	96							
184	185		560						
185	186	266						1	
186	187							1	
187	188				64				
188	189		208					1	
189	190		112						
190	191		64						1
191	192		32						
192	193	16							
194	195			48					1
196	197			1536					
197	198			752					2
200	201		144						
210	211		48						
211	212		24		800 *				
219	220					1			
220	221		64						
221	222		64						
229	230	160							
231	232							1	
232	233				224			7	7
234	235							1	
241	242	240							
245	246							1	
246	247			336					
247	248	80							
250	251							1	
251	252				680		1		
Totals		1872	3608	2672	5760	7	2	20	15

* Woven Wire fence crushed and down.



TYPE OF FENCE		LINE POST SPACING	WIRE GAGE	BARBED WIRE		WOVEN WIRE
TYPE	DESCRIPTION			NUMBER AND SHAPE OF BARBS	STYLE OR DESIGN NO.	
1	3 Barbed Wires	16'-6"	12½	2 Point Round	—	—
2	4 Barbed Wires	16'-6"	12½	2 Point Round	—	—
3	5 Barbed Wires	16'-6"	12½	2 Point Round	—	—
4	26" Woven Wire with 2 Barbed Wires	14'-0"	12½	2 Point Round	726-6-12½	726-6-12½
5	26" Woven Wire with 4 Barbed Wires	14'-0"	12½	2 wires with 2 Pt. Rd. 2 wires with 4 Pt. Rd.	726-6-12½	726-6-12½
6	32" Woven Wire with 3 Barbed Wires	14'-0"	12½	2 wires with 2 Pt. Rd. 1 wire with 4 Pt. Rd.	832-6-12½	832-6-12½

GENERAL NOTES:

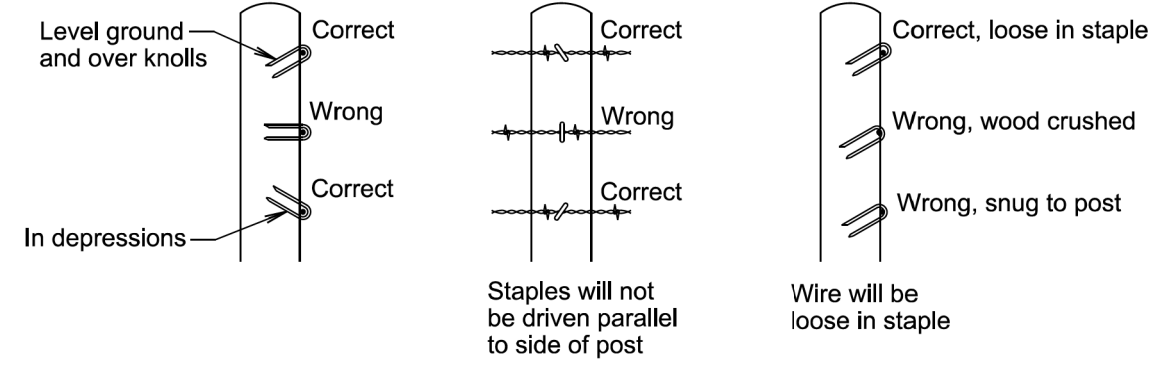
Fence types designated on the plans that are followed by the letter S will have smooth (barbless) wires.

When type 5S or 6S is designated the bottom wire may be barbed, smooth, or left off.

All degrees of curvature stated for fence are at centerline of roadway.

June 26, 2019

Published Date: 2025	S D D O T	RIGHT-OF-WAY FENCE	PLATE NUMBER 620.01
			Sheet 1 of 1



STAPLE INSTALLATION

GENERAL NOTES:

The Right-of-Way fence will consist of barbed wire or a combination of woven wire and barbed wire. The barbed wire and/or woven wire will be fastened to all wood posts or fastened to alternating wood and steel posts. Only wood posts will be used for brace panels. Gates will be of the type designated in the plans or as otherwise directed by the Engineer. Fence will be constructed conforming to the details on the standard plates and in the plans unless otherwise directed by the Engineer.

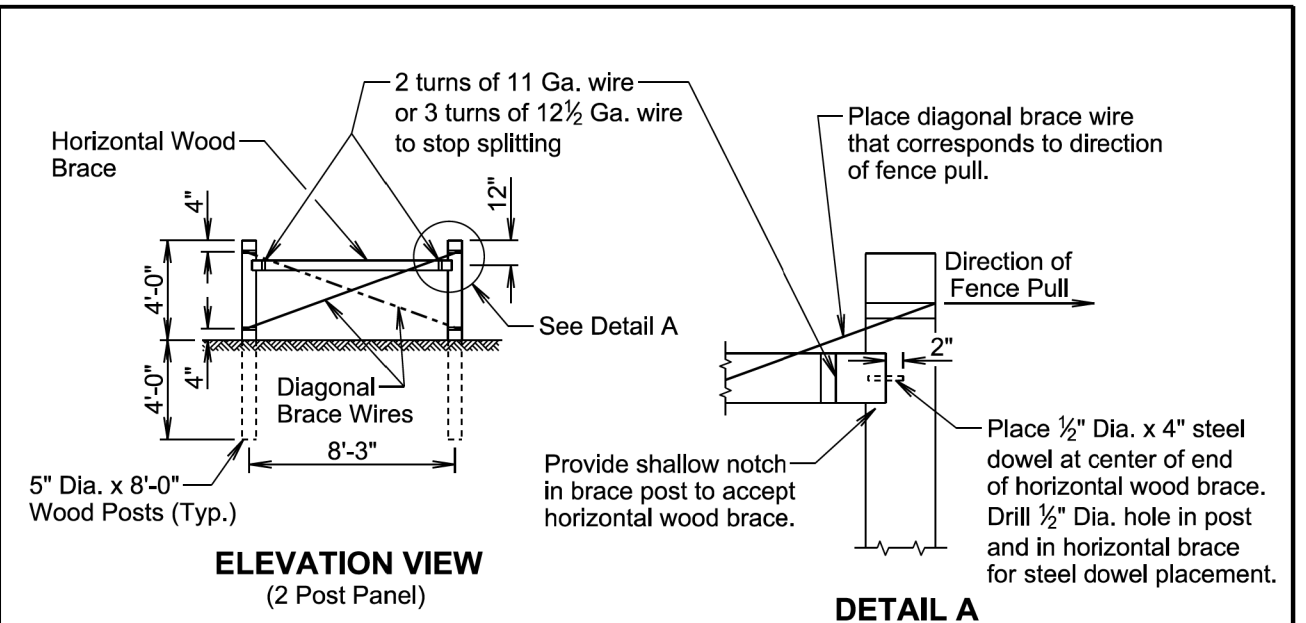
Right-of-Way fence on Interstate Projects will be constructed one foot within the Interstate Right-of-Way lines except at bridge openings, cattle passes, and as otherwise directed by the Engineer.

Right-of-Way fence other than on Interstate Projects will be constructed within one foot of the Right-of-Way on the Landowner's side except at bridge openings, cattle passes, and as otherwise directed by the Engineer.

Barbs will be fabricated from zinc coated 14 ga. wire. Two point barbs will be wrapped twice around one main strand at four-inch spacings and the four point barbs will be interlocked and wrapped around both main strands at five-inch spacings.

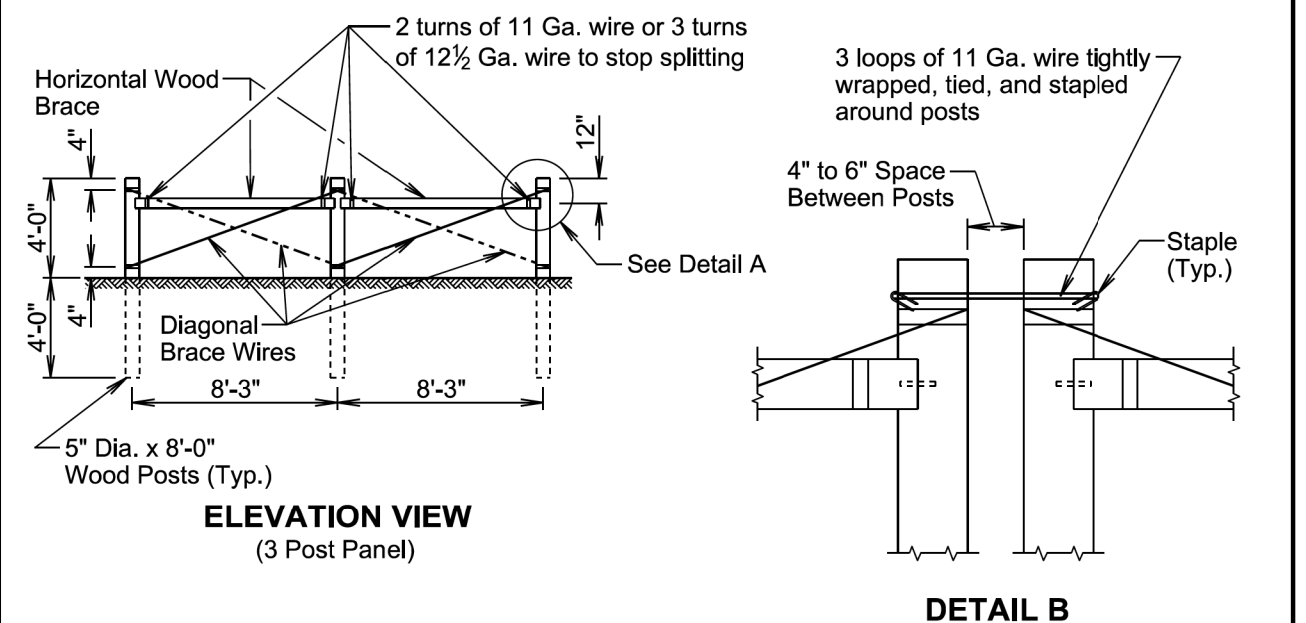
The gages of wire and wood post lengths and sizes are the minimum acceptable unless otherwise specified in the plans. The tolerances for steel posts will be as stated in AASHTO M281. Woven wire will conform to design and specifications of ASTM A116 and barbed wire will conform to ASTM A121.

Published Date: 2025	S D D O T	STAPLE INSTALLATION AND GENERAL RIGHT-OF-WAY FENCE NOTES	PLATE NUMBER 620.02
			Sheet 1 of 1



ELEVATION VIEW
(2 Post Panel)

DETAIL A



ELEVATION VIEW
(3 Post Panel)

DETAIL B

GENERAL NOTES:

- Two Post Panels will be installed at least every 1320' between corners.
- Two Post Panels will be installed at any sharp vertical angle crest points and as directed by the Engineer.
- Horizontal wood braces will consist of 4" dia. x 8' wood posts or rough 4" x 4" x 8' timbers.
- Diagonal brace wires will be fabricated with 4 strands of 9 Ga. galvanized wire twisted tight. The diagonal brace wires will be installed in accordance with the direction of the fence pull. Two diagonal brace wires are required if fence pull is in both directions.

March 31, 2024

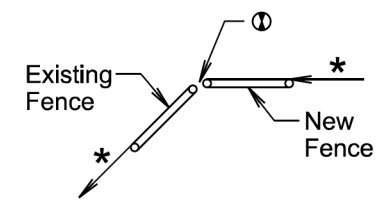
RADIUS OF CURVE	SPACING OF 2 POST PANEL
Greater than 1800 Ft.	** 1320'
Less than 1800 Ft.	** At P.C., P.T., and at every 1320' between P.C. and P.T.

GENERAL NOTE:

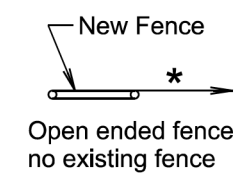
All radius of curvature stated for fence are at centerline of roadway.
 If fence length is less than 600' to next corner use a 2 post panel.
 * If fence length is greater than 600' to next corner use a 3 post panel.

** Fence lengths greater than 1320' and less than 2640' place 2 Post Panel approximately at midpoint.

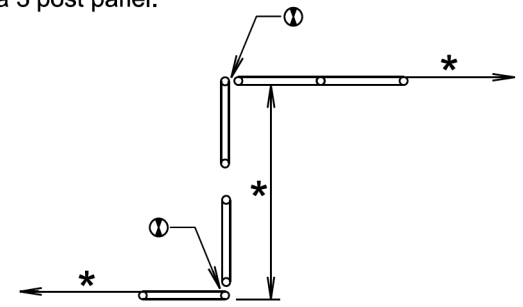
① See Detail B on Sheet 1 of 3.



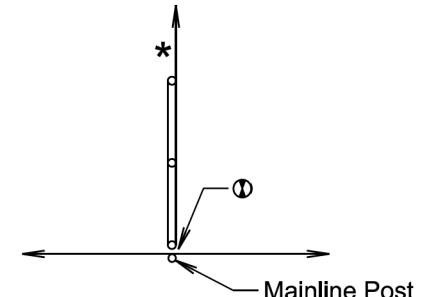
BEGIN OR END FENCE
(Where new fence ties into existing fence)



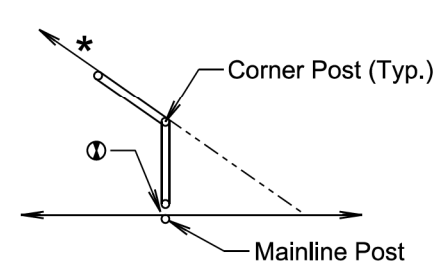
Open ended fence no existing fence



SHORT JOGS IN FENCE



CROSS FENCE



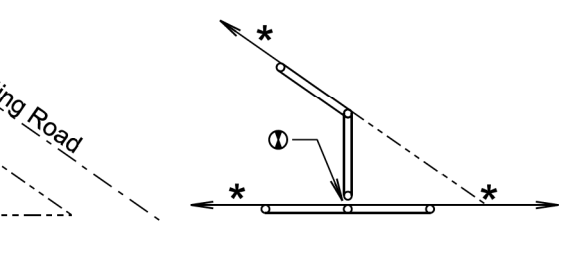
SHARP ANGLES IN CROSS FENCE

10° and less

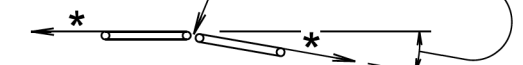


Additional fence panel is NOT required when an angle in the mainline fence is 10° and less.

ANGLES IN MAINLINE FENCE

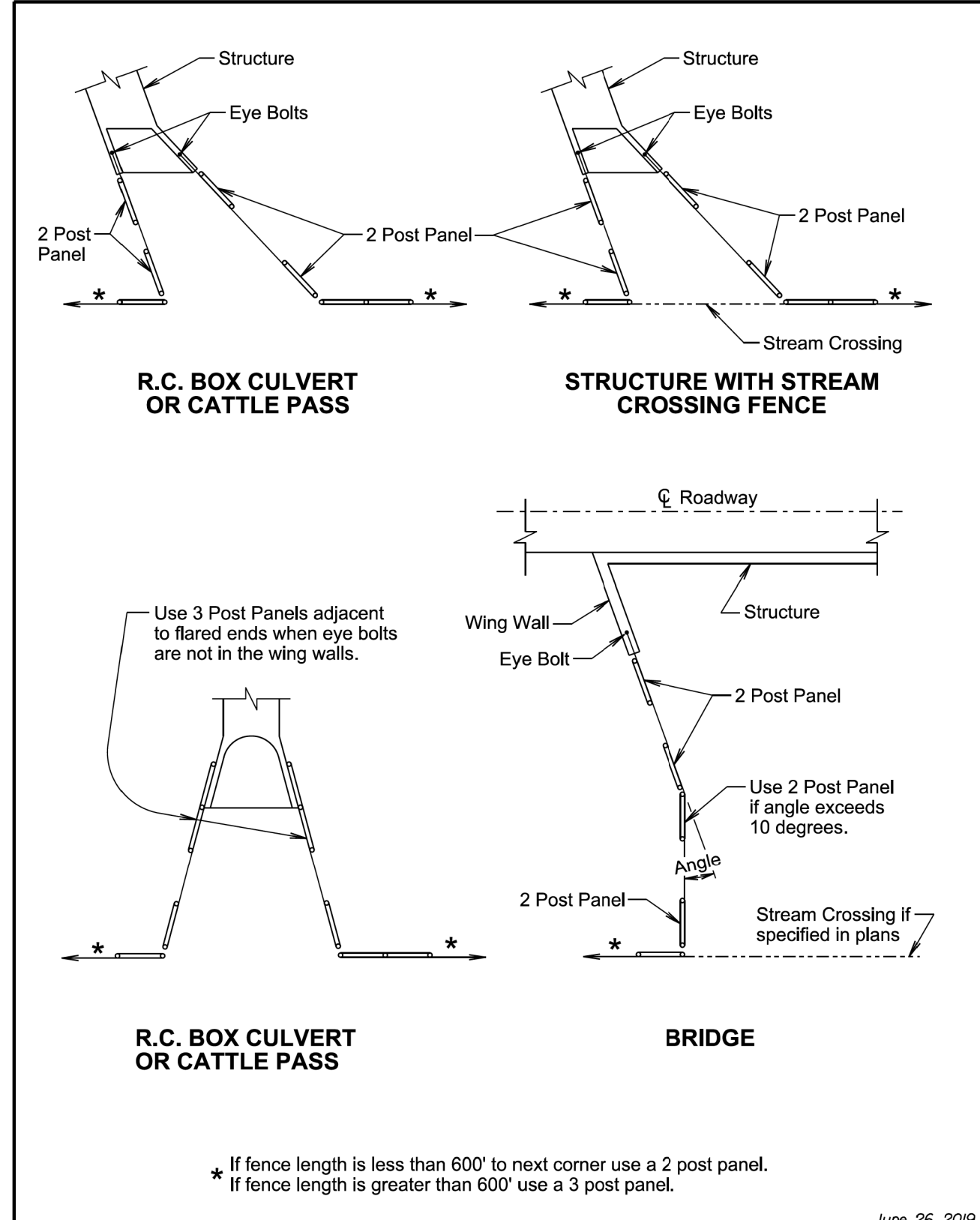
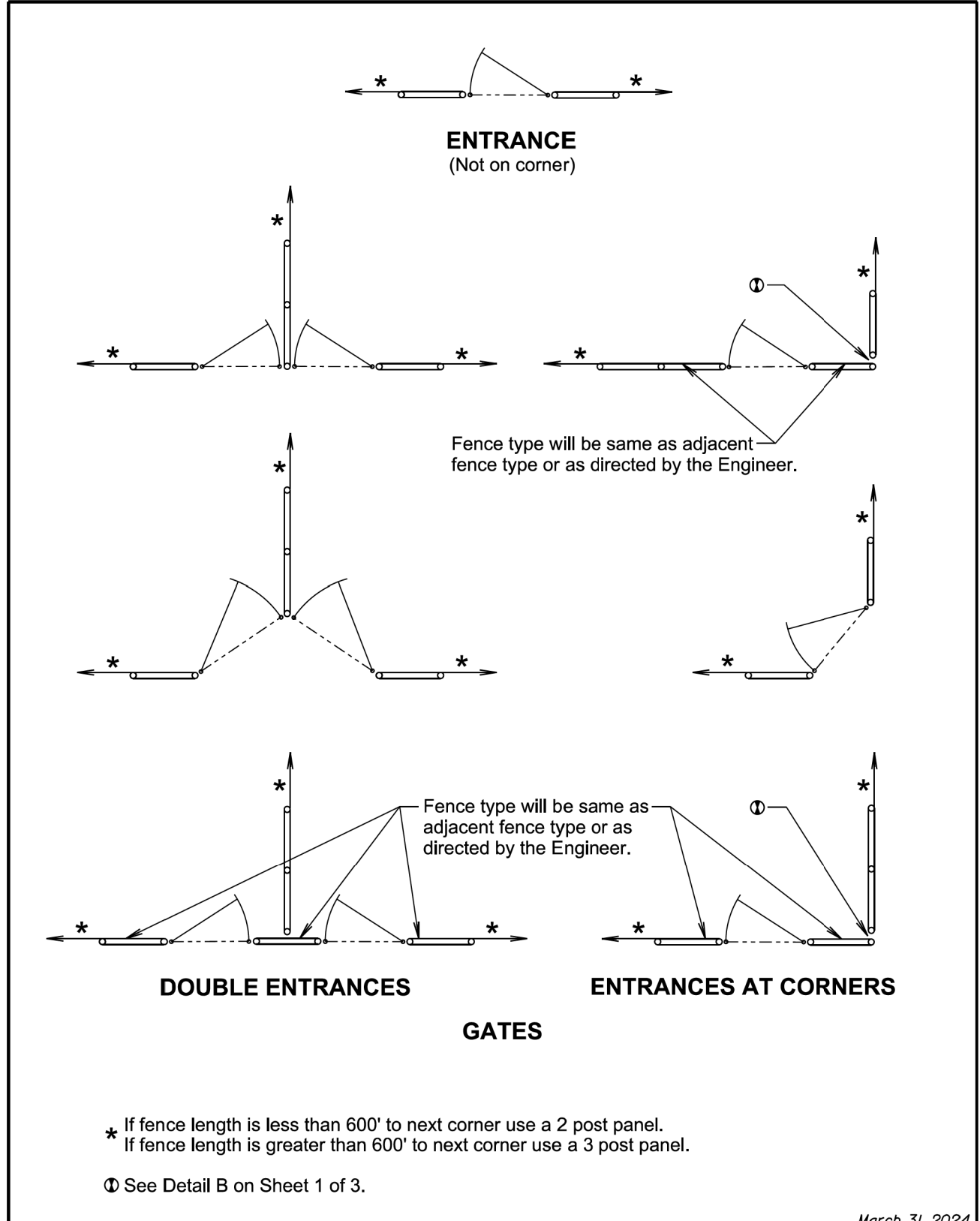


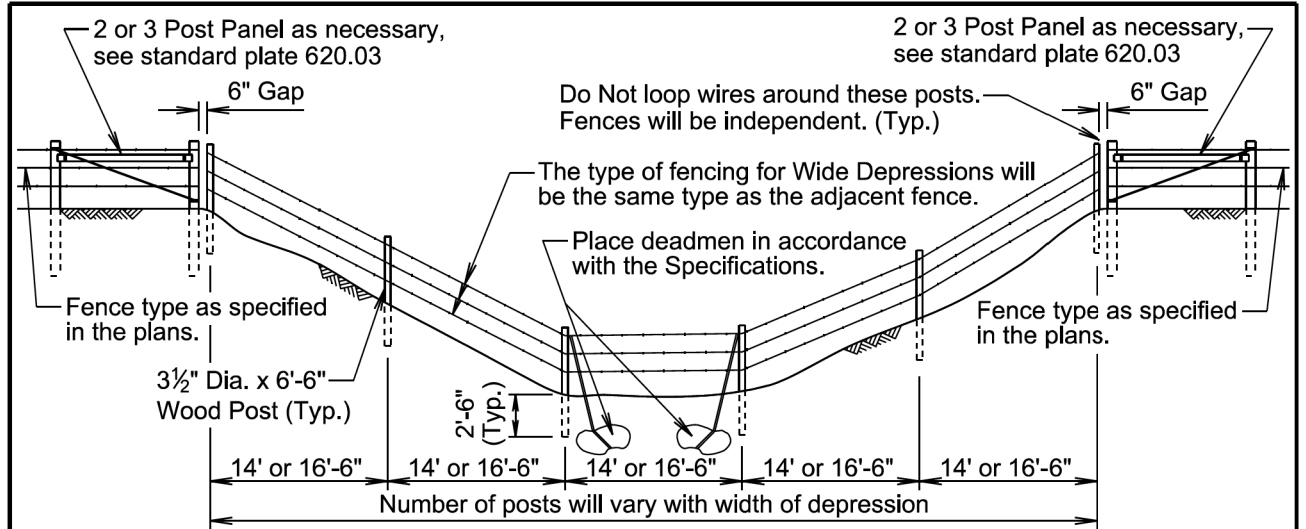
Greater than 10°



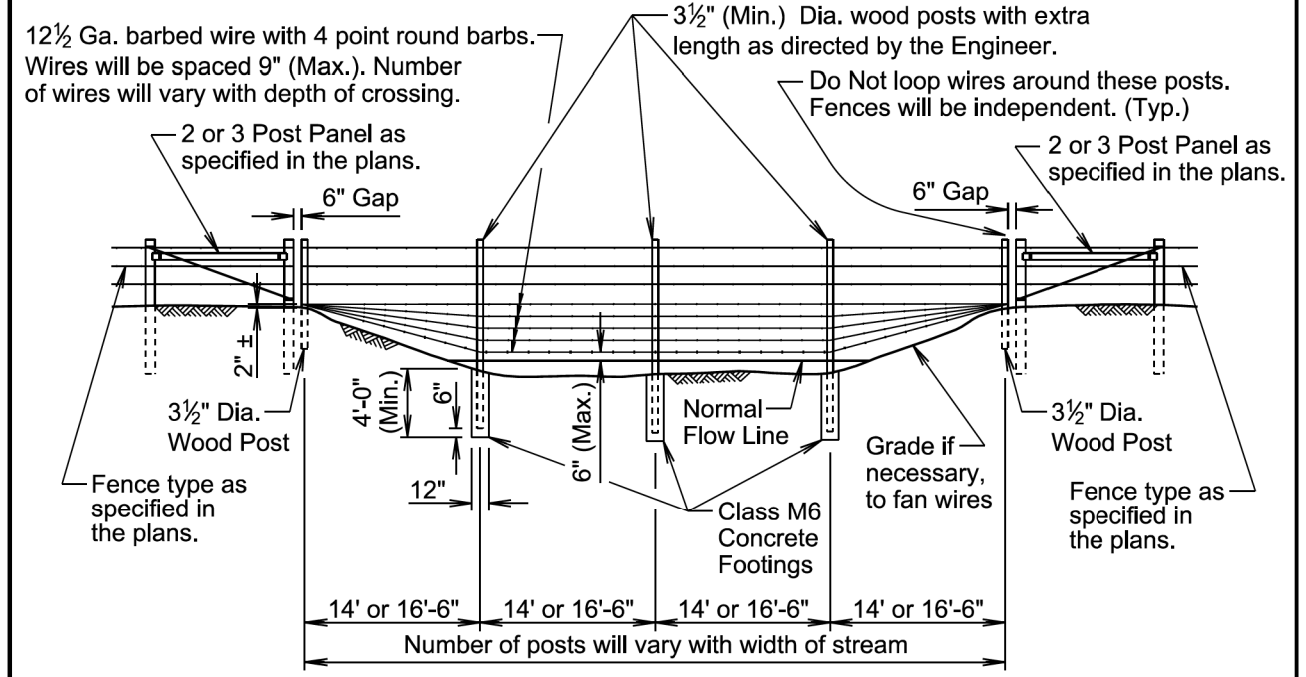
Additional fence panel is required when an angle in the mainline fence is greater than 10°.

March 31, 2024





This installation will be made when requested by the Engineer.
FENCING AT WIDE DEPRESSION
 (Subject to Flooding)



This installation will be made only when stated in the plans.
FENCING AT STREAM CROSSING

GENERAL NOTES:

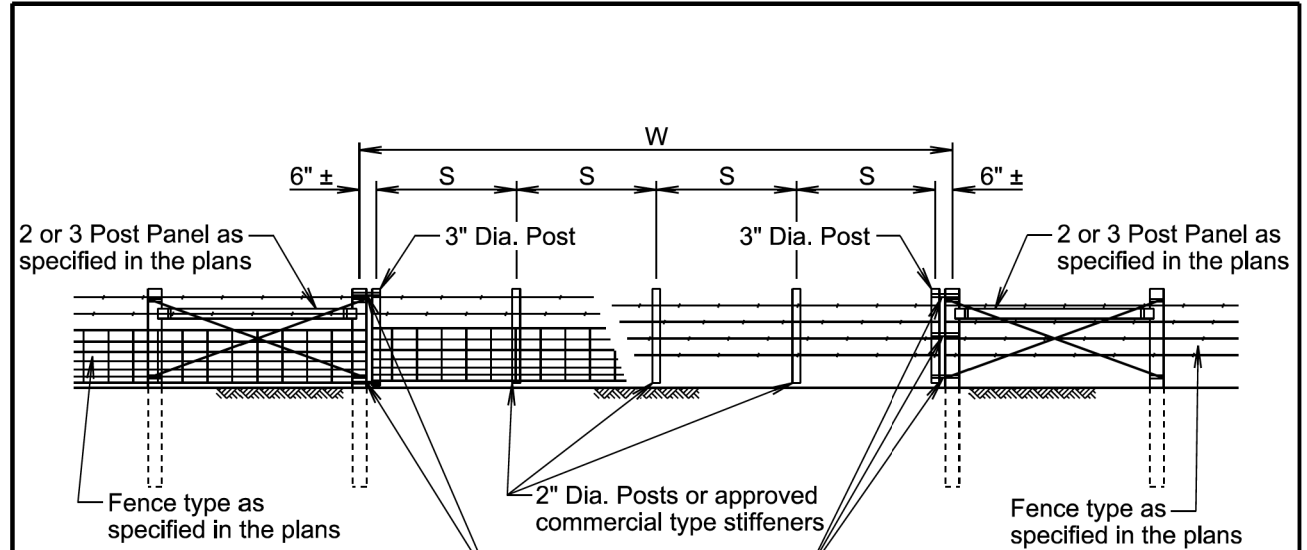
There will be no extra payment for the additional work and materials required to construct the fencing at the wide depression(s) and/or the fencing at the stream crossing(s). The deadmen will be paid for in accordance with 620.5 A of the Specifications.

Measurement and payment for the fencing at the wide depression(s) and/or the fencing at the stream crossing(s) will be at the contract unit price per foot for the corresponding Right-of-Way fence contract item.

June 26, 2019

S D D O T	FENCING AT WIDE DEPRESSION(S) AND STREAM CROSSING(S)	PLATE NUMBER 620.10
		Sheet 1 of 1

Published Date: 2025



ELEVATION VIEW

W Gate Width (Ft.)	S Post Spacing
16	3 @ 5'-0" ±
20	4 @ 4'-9" ±
24	4 @ 5'-9" ±
30	5 @ 5'-10" ±
40	6 @ 6'-6" ±

GENERAL NOTES:

Creosote treatment of the gate posts will not be accepted.

The type of fencing in the gate will be of the same type as specified for the adjacent Right-of-Way fence.

All costs for furnishing and constructing the wire gate(s) will be incidental to the contract unit price per foot for the respective Right-of-Way fence contract item.

June 26, 2019

S D D O T	WIRE GATES	PLATE NUMBER 620.20
		Sheet 1 of 1

Published Date: 2025

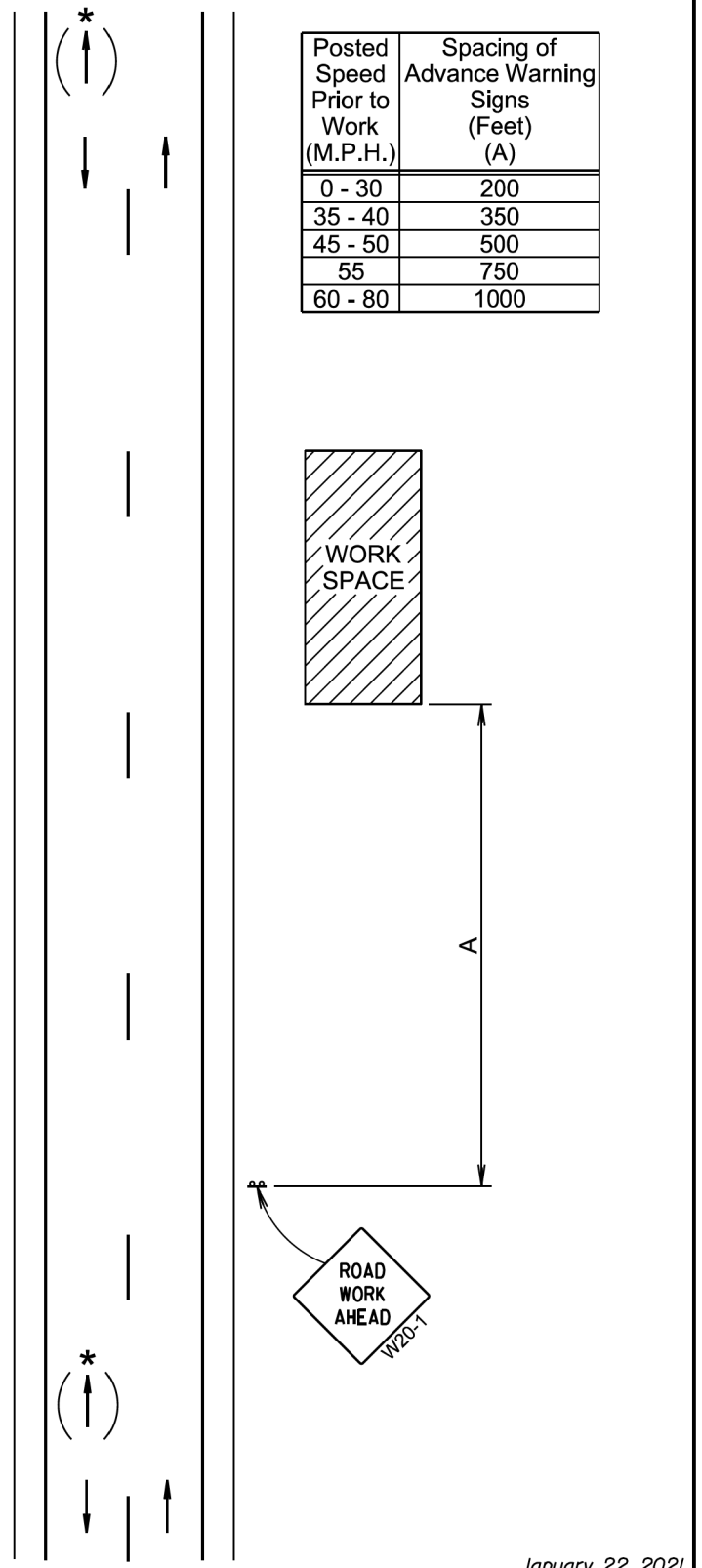
The signs illustrated are not required if the work space is behind a barrier, more than 2 feet behind the curb, or 15 feet or more from the edge of any roadway.

The signs illustrated will be used where there are distracting situations; such as: vehicles parked on shoulder, vehicles accessing the work site via the highway, and equipment traveling on or crossing the roadway to perform work operations.

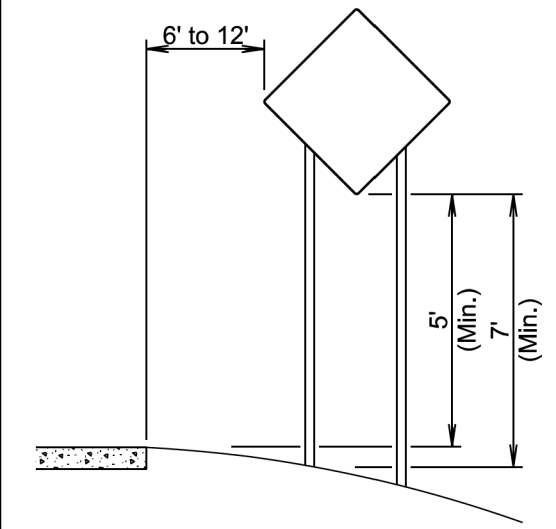
The ROAD WORK AHEAD sign may be replaced with other appropriate signs, such as the SHOULDER WORK sign. The SHOULDER WORK sign may be used for work adjacent to the shoulder.

* If the work space is on a divided highway, an advance warning sign should also be placed on the left side of the directional roadway.

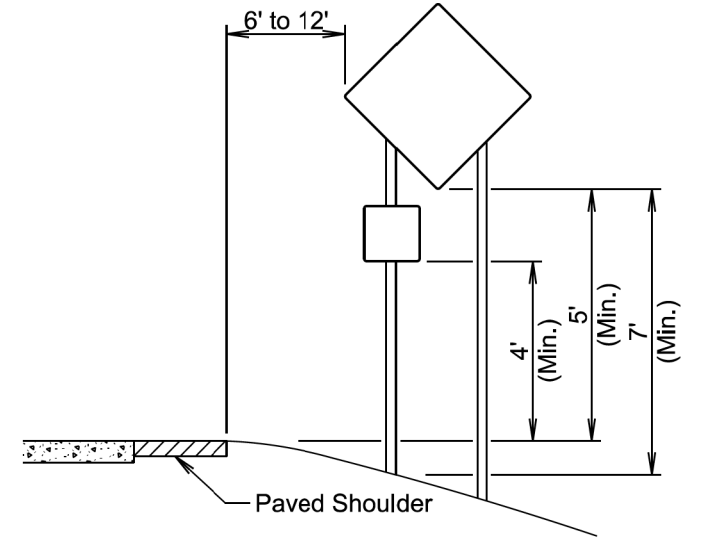
For short term, short duration, or mobile operations, all signs and channelizing devices may be eliminated if a vehicle with an activated flashing or revolving yellow light is used.



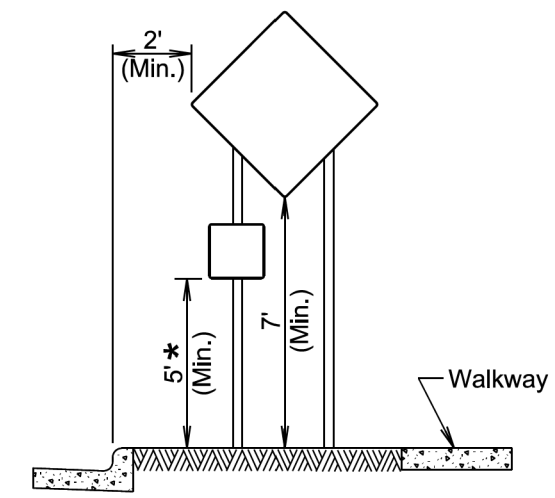
January 22, 2021



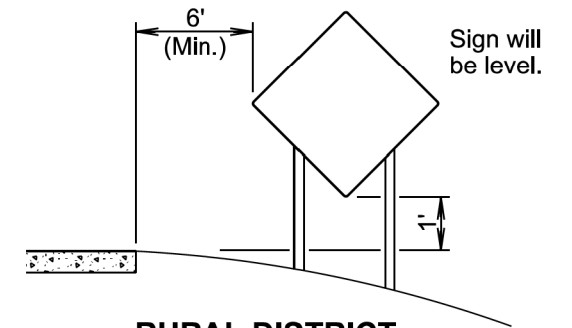
RURAL DISTRICT



RURAL DISTRICT WITH SUPPLEMENTAL PLATE



URBAN DISTRICT



RURAL DISTRICT 3 DAY MAXIMUM
(Not applicable to regulatory signs)

* If the bottom of supplemental plate is mounted lower than 7 feet above a pedestrian walkway, the supplemental plate should not project more than 4" into the pedestrian facility.

January 22, 2021