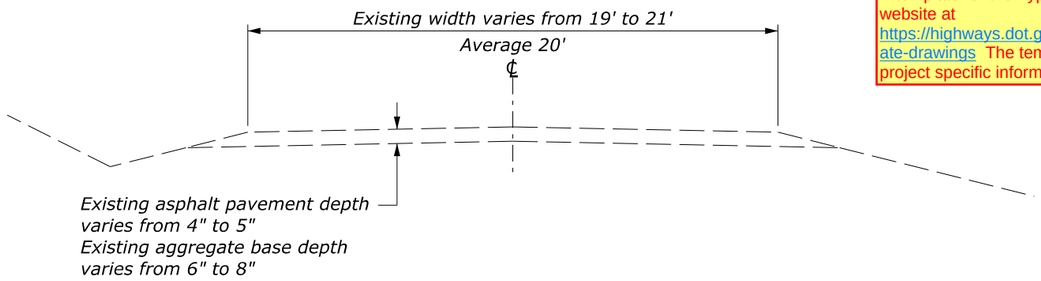
PROJECT	SHEET NUMBER
PROJECT NUMBER PROJECT NAME	A6

Show NPS PMIS and drawing numbers for all NPS projects (See A/E title sheet for example)

A template for the Typical Section Sheets is available on the FLH website at https://highways.dot.gov/federal-lands/design/plan-prep/cfl/cfl-template-drawings The template will need to be revised to incorporate project specific information.

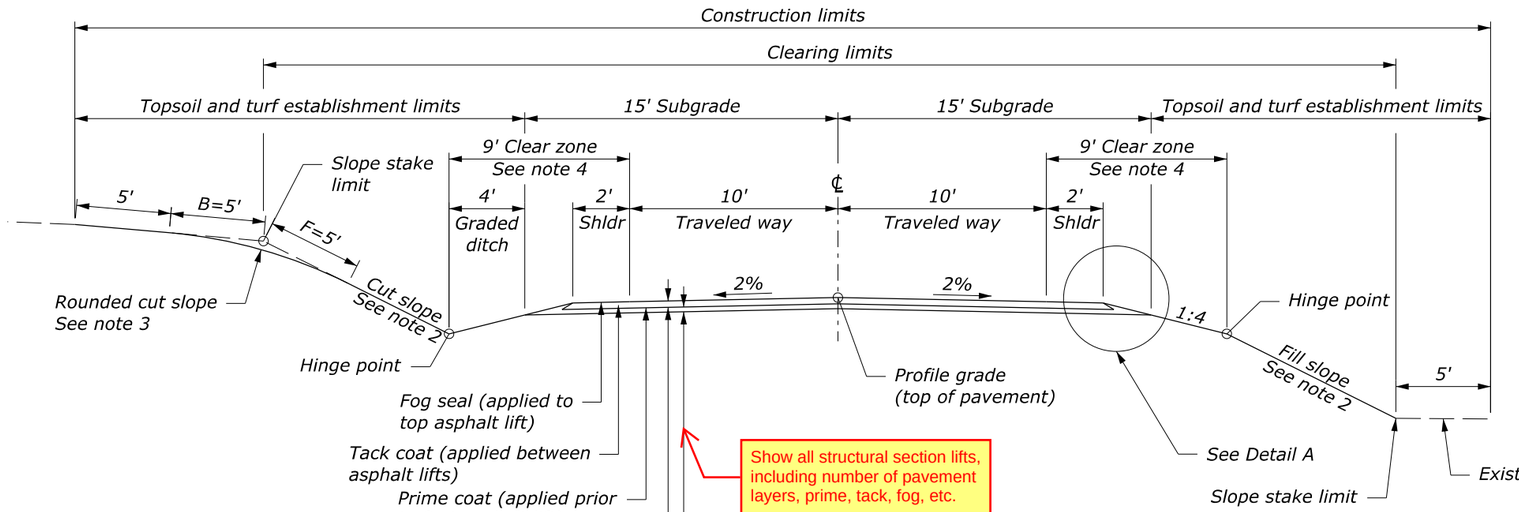


EXISTING TYPICAL SECTION
10+00 to 47+30

Notes provide additional information describing the work. Avoid repeating information already covered in the SCRs.

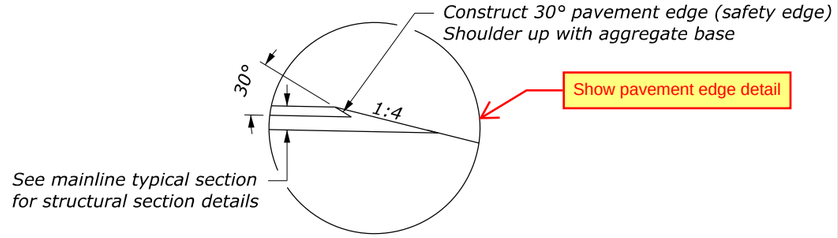
Note:

1. The gradient and width of the roadway ditches and the excavation and embankment slope ratios may be adjusted to ensure adequate drainage and stability.
2. See cross sections for cut and fill slope ratios.
3. Round all earth slopes and all rippable rock slopes. For cut heights less than B, reduce the B and F dimensions to the actual cut height.
4. Clear zone width varies on the outside of curves according to the AASHTO Roadside Design Guide.
5. Construct curve widening as shown in the table below. Apply the widening on the inside of the curves throughout the superelevated sections. Transition the curve widening to coincide with the superelevation transitions.



Show all structural section lifts, including number of pavement layers, prime, tack, fog, etc.

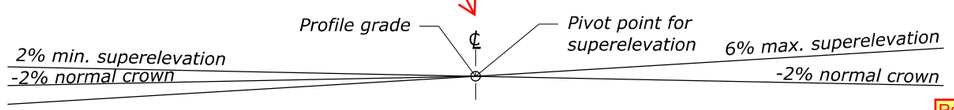
TYPICAL SECTION
10+00 to 37+50
38+25 to 47+30



Show pavement edge detail

DETAIL A
(applies to both sides of roadway)

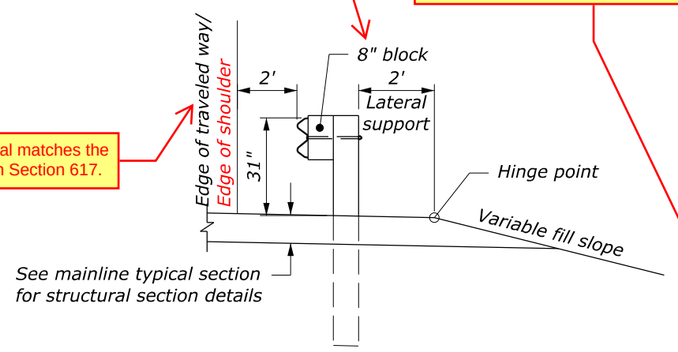
Move detail below line if additional room is needed.



METHOD OF SUPERELEVATION ON CURVES
See plans for locations of curves and superelevations

Show guardrail typical sections as necessary to define the work.

Verify that typical matches the details shown in Section 617.



MGS GUARDRAIL TYPICAL SECTION

Refer to CFL policy on Sealing and Signing of A/E Documents (located on the FLH website): https://highways.dot.gov/sites/fhwa.dot.gov/files/docs/federal-lands/pm/30091/sealing-signing-policy.pdf

Show breakdown of project sections and total length. Show breakout for bridge. Add column for trail if applicable.

Look up widening values in the Green book Chapter 3

WIDENING ON CURVES
(see note 5)

Radius (ft)	Widening (ft)
Over 1000	0.0
800-1000	2.0
500 to 799	4.0
Under 500	6.0

LENGTH OF PROJECT

Station to Station	Roadway (ft)	Bridge (ft)
10+00 to 37+50	2750	
37+50 to 38+25		75
38+25 to 47+30	905	
TOTALS (ft)	3655	75
TOTALS (mi)	0.69	0.01

Show scale of drawing

NO SCALE

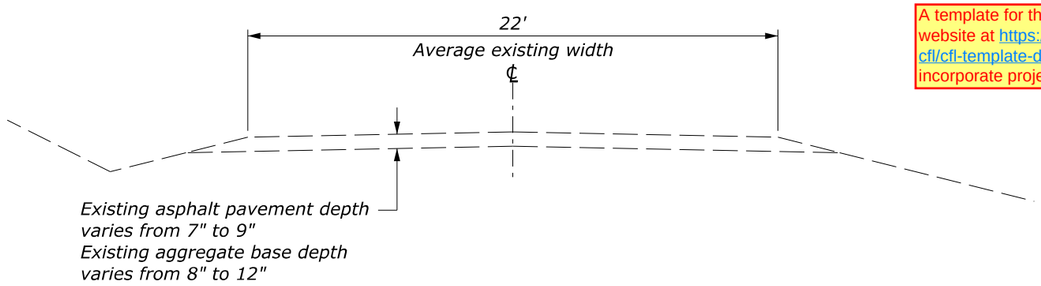
TYPICAL SECTION MAINLINE

K:\CADD_Coordinator\Sample Plans\A Sheets\TYP\Sample14R.dgn [Typical Section Mainline]
19 March 2025 9:21 AM

PROJECT	SHEET NUMBER
PROJECT NUMBER PROJECT NAME	A6

Show NPS PMIS and drawing numbers for all NPS projects (See A/E title sheet for example)

A template for the Typical Section Sheets is available on the FLH website at https://highways.dot.gov/federal-lands/design/plan-prep/cfl/cfl-template-drawings The template will need to be revised to incorporate project specific information

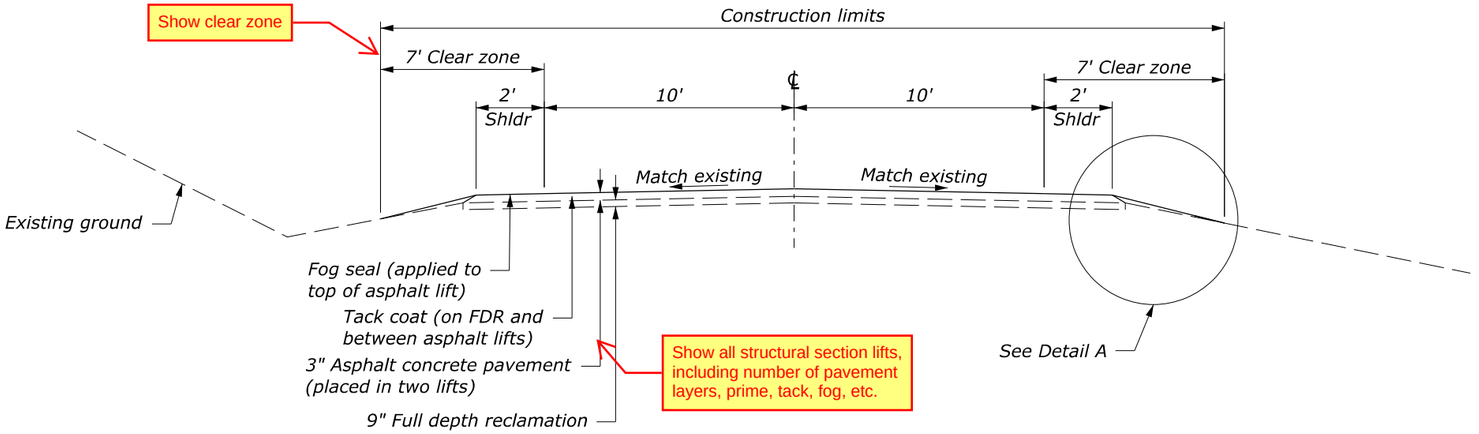


Note:

1. *Existing superelevated and widened sections are not shown.*
2. *Dimensions shown are approximate and may be varied by the CO.*
3. *Construct a 1:4 or flatter foreslope. Steepen the foreslopes as necessary, but not steeper than 1:2, to stay on the existing bench.*
4. *Pulverize the existing paved width or as directed. Pulverize to a depth of 9".*

EXISTING TYPICAL SECTION
1015+43 to 1285+00

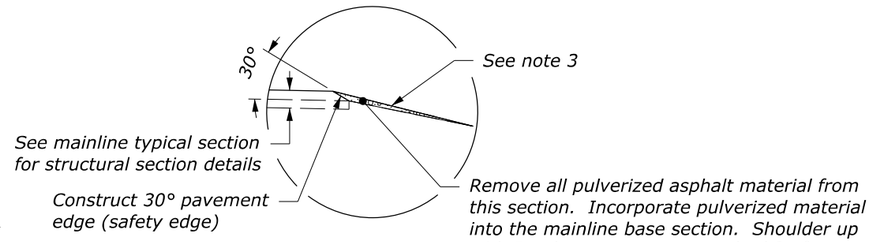
Show clear zone



Show all structural section lifts, including number of pavement layers, prime, tack, fog, etc.

TYPICAL SECTION
1015+43 to 1041+60
1052+35 to 1054+40

Show stations indicating application range of typical sections.



Remove all pulverized asphalt material from this section. Incorporate pulverized material into the mainline base section. Shoulder up with Roadway aggregate, method 2 after placement of asphalt concrete pavement. Shape and compact as necessary for drainage and appearance.

DETAIL A
(applies to both sides of roadway)

Add trail and bridge length columns as needed

Show breakdown of project sections and total length. Do not include lengths for approach roads or parking areas.

LENGTH OF PROJECT	
Station to Station	*Roadway (ft)*
1015+43 to 1041+60	*2617*
1041+60 to 1052+35	*1075*
1052+35 to 1054+40	*205*
1054+40 to 1285+00	*23060*
TOTALS (ft)	*26957*
TOTALS (mi)	*5.11*

Refer to CFL policy on Sealing and Signing of A/E Documents (located on the FLH website): https://highways.dot.gov/sites/fhwa.dot.gov/files/docs/federal-lands/pm/30091/sealing-signing-policy.pdf

Show scale of drawing

No Scale

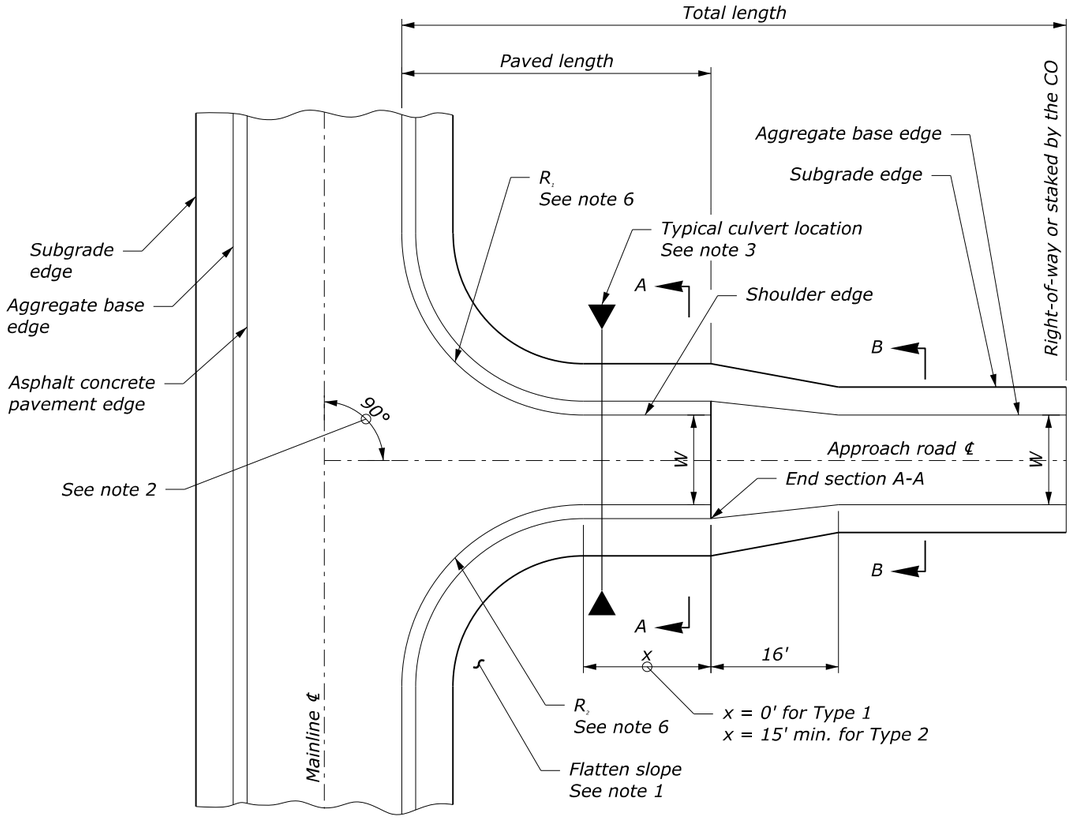
TYPICAL SECTION MAINLINE

C:\CADD\Sample Plans\A Sheets\TYP(Sample)3R.dgn [Typical Section Mainline]

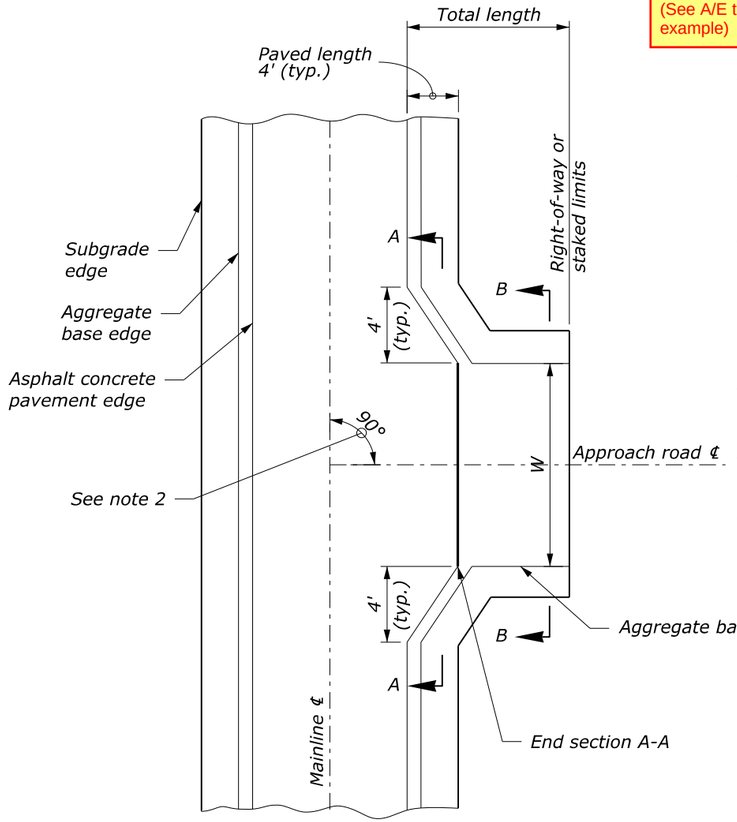
31 May 2024 8:09 AM

Show NPS PMIS and drawing numbers for all NPS projects (See A/E title sheet for example)

xxx xxxx	
PROJECT	SHEET NUMBER
FIRST PROJECT LINE SECOND PROJECT LINE	A7



APPROACH ROAD TYPES 1 & 2 TYPICAL SECTION

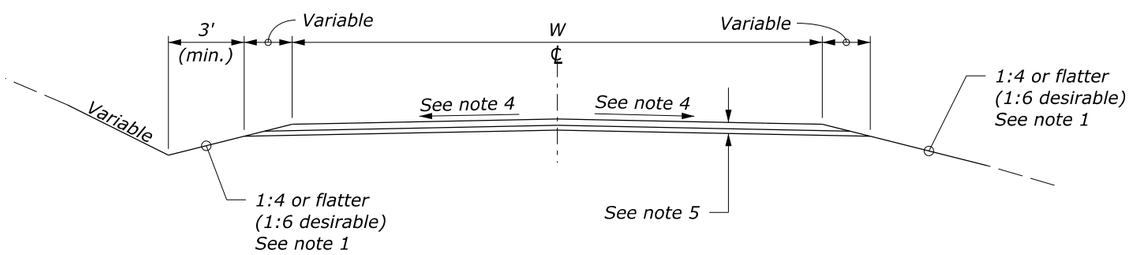


APPROACH ROAD TYPE 3 TYPICAL SECTION

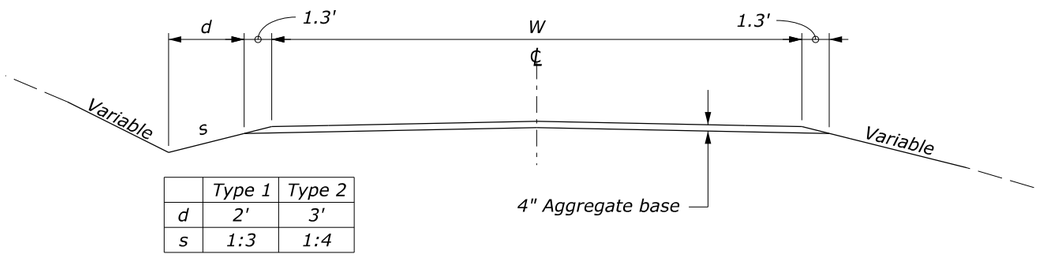
Note:

1. Construct cut and fill slopes for approach roads to match with mainline roadway construction.
2. Under special conditions, the approach road as shown may be varied ±20°.
3. Place culverts at the end of the approach road radius to provide a flatter foreslope and increased mainline recovery area. When a culvert must be placed within the clear zone of the mainline roadway, use safety end sections (See standard drawing 602-9).

   Include if appropriate
4. Apply the normal mainline crown section to approach roads with widths greater than 15 feet.
5. Refer to mainline typical sections for structural section thicknesses and foreslopes.
6. Vary radii to fit unusual field conditions. Do not reduce existing radii or widths. R_1 is on the left side of the approach road centerline.



SECTION A-A



	Type 1	Type 2
d	2'	3'
s	1:3	1:4

SECTION B-B

A template for the Typical Section Sheets is available on the FLH website at https://highways.dot.gov/federal-lands/design/plan-prep/cfl/cfl-template-drawings The template will need to be revised to incorporate project specific information

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Show scale of drawing

No Scale

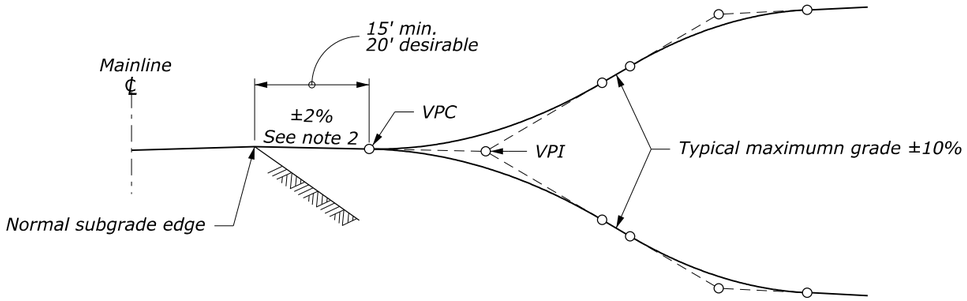
TYPICAL SECTION APPROACH ROADS

Sheet 1 of 2

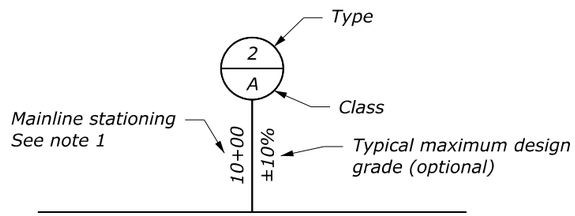
K:\CADD_Coordinator\Sample Plans\A Sheets\TYP(Sample)APPR.dgn [Typical Section Approach Roads Sheet 1]
6 August 2025 1:09 PM

Show NPS PMIS and drawing numbers for all NPS projects (See A/E title sheet for example)

PROJECT	SHEET NUMBER
PROJECT NUMBER PROJECT NAME	A8



TYPICAL PROFILE



Example of symbol showing standard approach road connection on plan and profile sheet

TYPICAL SYMBOL

Note:

1. *Stations shown are approximate locations. Actual locations to be field verified.*
2. *Construct approach roads with landing areas having grades within ±2%. In snowy regions restrict this to a 0% to -2% grade. Under special conditions, use 6% maximum.*

Add project specific data to the table

APPROACH ROAD SUMMARY

STATION See note 1	TYPE & CLASS	PAVED LENGTH (ft)	TOTAL LENGTH (ft)	W (ft)	R_1 (ft)	R_2 (ft)	REMARKS
1016+76 Lt	3A	4	4	29	N/A	N/A	
1021+13 Lt	2B	88	88	30	25	25	Main Street
1021+13 Rt	1A	28	28	18	15	15	
1071+75 Rt	1A	12	12	40	N/A	N/A	Match Existing
1024+61 Lt	2B	25	25	20	25	25	North Street
1024+61 Rt	1A	28	28	20	15	15	
1029+15 Lt	3A	4	4	17	N/A	N/A	

TYPE	CLASS	MIN. WIDTH W (ft)	MIN. RADIUS R (ft)	SAMPLE APPLICATION
1	A	12	15	Field Access
1	B	14	25	Minimum 1-Way Use
1	C	16	25	Farm Equipment
1	D	16	40	Logging Truck Use
2	A	18	25	Minimum 2-Way Use
2	B	20	25	ADT < 25
2	C	22	40	25 ≤ ADT ≤ 100
2	D	24	40	100 ≤ ADT ≤ 199
2	E	28	50	ADT ≥ 200
3	A	*	N/A	Paved apron

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Show scale of drawing

No Scale

TYPICAL SECTION APPROACH ROADS

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