

PUBLIC ASPHALT PAVEMENT ROAD 66' RIGHT-OF-WAY

N.T.S.

NOTE: REFER TO IRON COUNTY TESTING REQUIREMENTS FOR SIEVE TESTING AND COMPACTION STANDARDS.

NOTES*:

1. 6" COMPACTED ROAD BASE 60% FRACTURED (Table 1)
2. 12"-30" COMPACTED SUB-BASE (Table 2)
3. 12" OVEREXCAVATE AND RE-COMPACTED TO 95%.
4. 6" SCARIFIED NATIVE MATERIAL.
5. EDGE OF ITEMS 1-4 TO EXTEND 3 FEET BEYOND EDGE OF ASPHALT.

Table 1

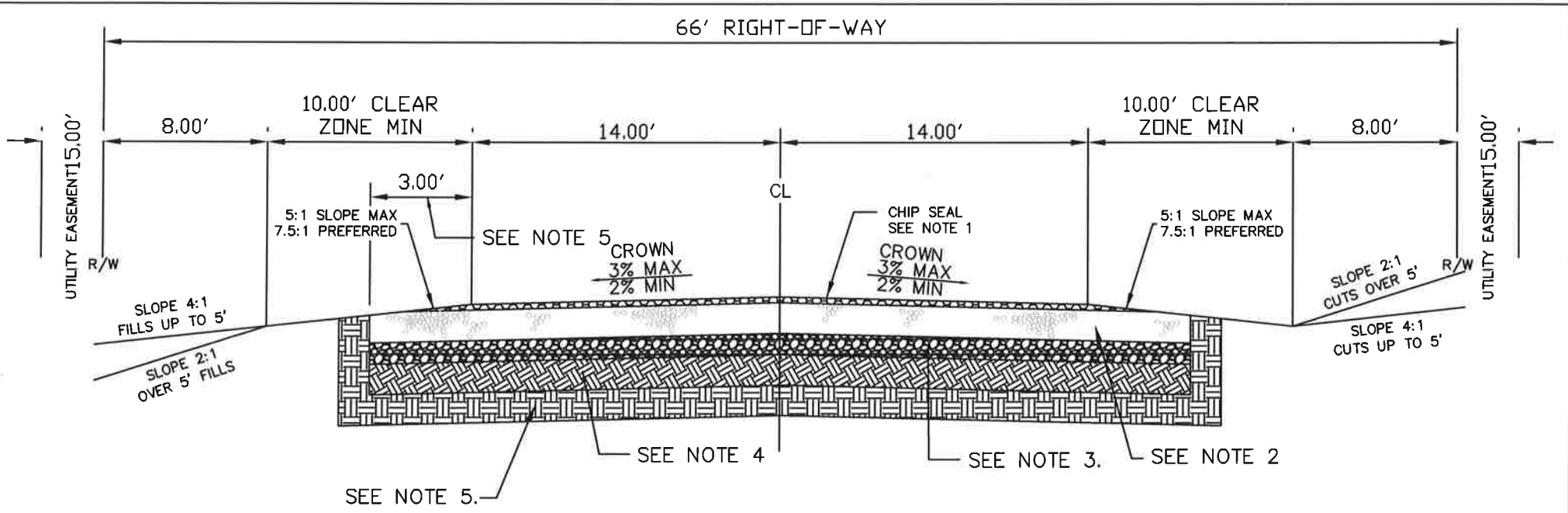
IRON COUNTY ROAD BASE STANDARD	
SIEVE SIZE	% PASSING WEIGHT
3/4" or 1"	100
1/2"	77-93
No. 4	47-62
No. 16	27-37
No. 200	9-15

Table 2

A-1-a (AASHTO M 145.)	
SIEVE SIZE	% PASSING WEIGHT
3 INCH MINUS	100
No. 10	50 MAX
No. 40	30 MAX
No. 200	15 MAX
PLASTICITY INDEX	6 MAX

* OR AS APPROVED BY THE COUNTY ENGINEER.

DRAWN BY: M.E. PELLEGRINI	REVISIONS	PROJECT	SHT. NAME	SHT. NO.
DATE: 3-2-2022	DATE: 3-29-2022	IRON COUNTY ENGINEERING DEPARTMENT	ASPHALT PAVEMENT ROAD MINIMUM CROSS SECTION 66' RIGHT-OF-WAY	1
DWG NO.	DATE: 10-2-2023			
APPROVED BY: R.A. WILSON				



**PUBLIC CHIP SEAL SURFACE ROAD
66' RIGHT-OF-WAY**

NOTE: REFER TO IRON COUNTY TESTING REQUIREMENTS FOR SIEVE TESTING AND COMPACTION STANDARDS.

NOTES*:

1. CHIP SEAL: 2 LIFTS OF 1/2 INCH WASHED STONE LESS THAN 1% FINES AND 95% FRACTURE APPLIED AT 25 TO 30 LBS PER SQ YD. LIFTS MUST BE SWEEPED BEFORE APPLYING NEW OIL. GM-RSS OIL WILL BE USED AT NO LESS THAN A SPRAY RATE OF .45 GAL PER SQ YD PER LIFT. APPLY GSB-88 AS A FINAL FLUSH COAT AT NO LESS THAN .18 PER SQ YD. SPRAY RATE.

N.T.S.

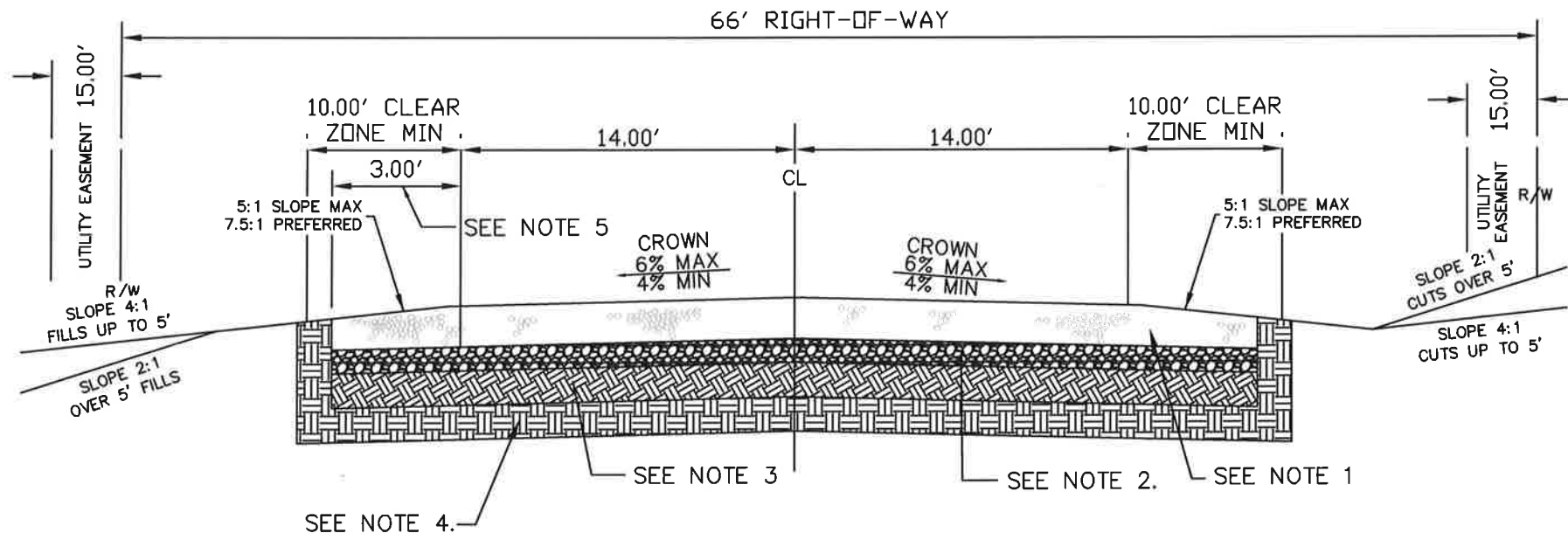
- 2. 8" COMPACTED 3/4" #2 GRAVEL
- 3. 12"-30" COMPACTED SUB-BASE (Table 1)
- 4. 12" OVEREXCAVATE AND RE-COMPACTED TO 95%.
- 5. 6" SCARIFIED NATIVE MATERIAL.
- 6. EDGE OF ITEMS 1-4 TO EXTEND 3 FEET BEYOND EDGE OF CHIP SEAL.

Table 1

A-1-a (AASHTO M 145.)	
SIEVE SIZE	% PASSING WEIGHT
3 INCH MINUS	100
No. 10	50 MAX
No. 40	30 MAX
No. 200	15 MAX
PLASTICITY INDEX	6 MAX

* OR AS APPROVED BY THE COUNTY ENGINEER.

DRAWN BY: M.E. PELLEGRINI	REVISIONS	PROJECT IRON COUNTY ENGINEERING DEPARTMENT	SHT. NAME CHIP SEAL SURFACE ROAD MINIMUM CROSS SECTION 66' RIGHT-OF-WAY	SHT. NO. 2
DATE: 3-2-2022	DATE: 4-2022			
DWG NO.	DATE: 10-2-2023			
APPROVED BY: R.A. WILSON				



**PUBLIC GRAVEL ROAD
66' RIGHT-OF-WAY**

N.T.S.

NOTE: REFER TO IRON COUNTY TESTING REQUIREMENTS FOR SIEVE TESTING AND COMPACTION STANDARDS.

NOTES*:

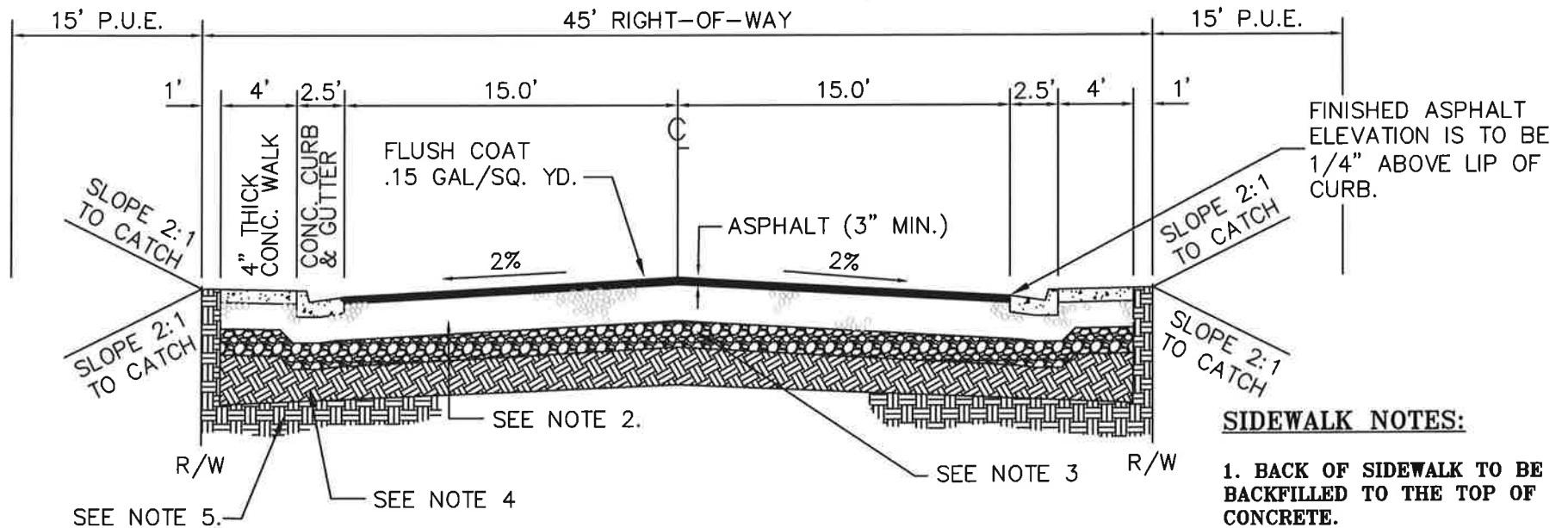
1. 8" COMPACTED 3/4" #2 GRAVEL
2. 12"-30" COMPACTED SUB-BASE (Table 1)
3. 12" OVEREXCAVATE & RE-COMPACTED TO 95%.
4. 6" SCARIFIED NATIVE MATERIAL.
5. EDGE OF ITEMS 1-4 TO EXTEND 3 FEET BEYOND EDGE OF TRAVEL WAY.

Table 1

A-1-a (AASHTO M 145.)	
SIEVE SIZE	% PASSING WEIGHT
3 INCH MINUS	100
No. 10	50 MAX
No. 40	30 MAX
No. 200	15 MAX
PLASTICITY INDEX	6 MAX

* OR AS APPROVED BY THE COUNTY ENGINEER.

DRAWN BY: M.E. PELLEGRINI	REVISIONS	PROJECT	SHT. NAME	SHT. NO.
DATE: 3-2-2022	DATE: 4-2022	IRON COUNTY ENGINEERING DEPARTMENT	GRAVEL ROAD MINIMUM CROSS SECTION 66' RIGHT-OF-WAY	3
DWG NO.	DATE: 10-2-2023			
APPROVED BY: R.A. WILSON				



**TYPICAL ROAD SECTION 45' RIGHT-OF-WAY
WITH L or ROLLED CURB & SIDEWALK**

N.T.S.

SIDEWALK NOTES:

1. BACK OF SIDEWALK TO BE BACKFILLED TO THE TOP OF CONCRETE.
2. SUB-BASE MATERIAL CAN BE ELIMINATED IF NATIVE MATERIAL MEETS OR EXCEEDS SUB-BASE MATERIAL STANDARD GRADATION.

NOTE: REFER TO IRON COUNTY TESTING REQUIREMENTS FOR SIEVE TESTING AND COMPACTION STANDARDS.

NOTES*:

1. 6" COMPACTED ROAD BASE 60% FRACTURED (Table 1)
2. 12"-30" COMPACTED SUB-BASE (Table 2)
3. 12" OVEREXCAVATE AND RE-COMPACTED TO 95%.
4. 6" SCARIFIED NATIVE MATERIAL.
5. EDGE OF ITEMS 1-4 TO EXTEND TO BACK OF CURB.

Table 1

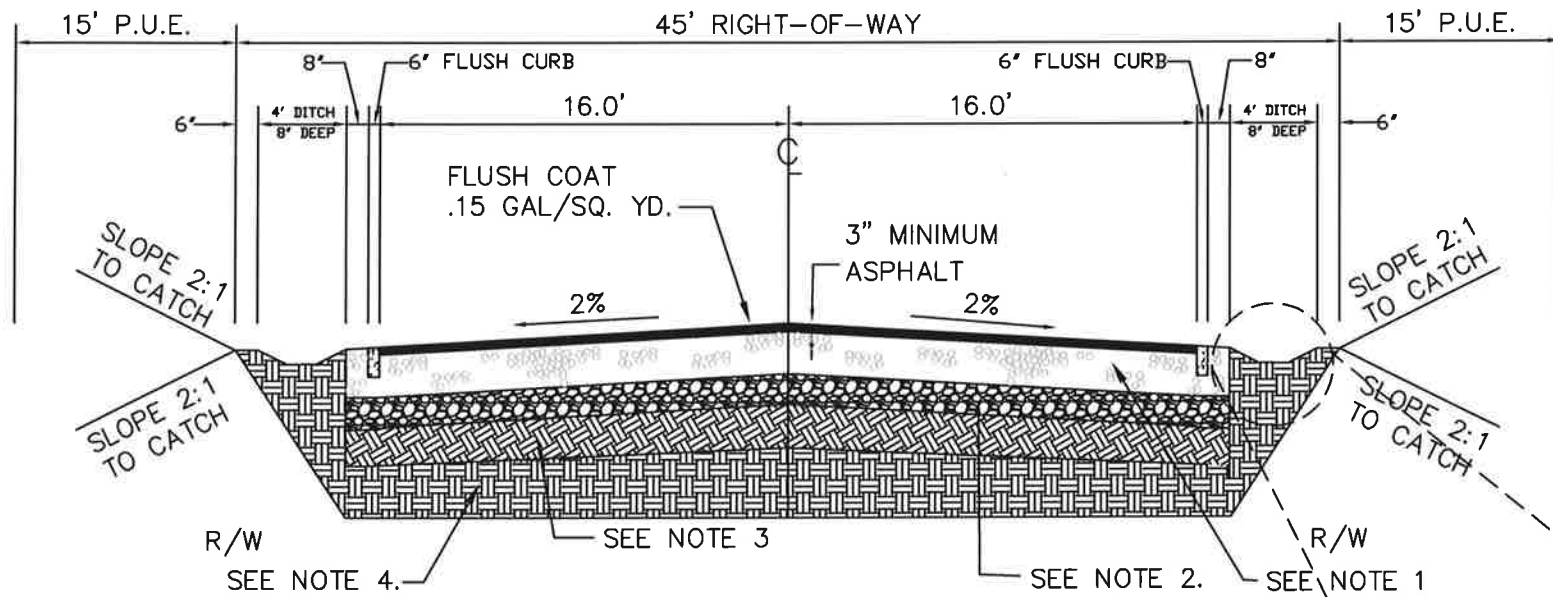
IRON COUNTY ROAD BASE STANDARD	
SIEVE SIZE	% PASSING WEIGHT
3/4" or 1"	100
1/2"	77-93
No. 4	47-62
No. 16	27-37
No. 200	9-15

Table 2

A-1-a (AASHTO M 145.)	
SIEVE SIZE	% PASSING WEIGHT
3 INCH MINUS	100
No. 10	50 MAX
No. 40	30 MAX
No. 200	15 MAX
PLASTICITY INDEX	6 MAX

* OR AS APPROVED BY THE COUNTY ENGINEER.

DRAWN BY: M.E. PELLEGRINI	REVISIONS	PROJECT	SHT. NAME	SHT. NO.
DATE: 4-2022	DATE: 10-2-2023	IRON COUNTY ENGINEERING DEPARTMENT	ASPHALT PAVEMENT	4
DWG NO.			ROAD MINIMUM	
APPROVED BY: R.A. WILSON			CROSS SECTION	
			45' RIGHT-OF-WAY WITH CURB & GUTTER	



NOTES*:

1. 6" COMPACTED ROAD BASE 60% FRACTURED (Table 1)
2. 12"-30" COMPACTED SUB-BASE (Table 2)
3. 12" OVEREXCAVATE AND RECOMPACTED TO 95%.
4. 6" SCARIFIED NATIVE MATERIAL.
5. EDGE OF ITEMS 1-4 TO EXTEND 1 FOOT BEYOND EDGE OF FLUSH CURB.
6. IF PASS THROUGH STREET MINIMUM 50 FOOT ROAD.
7. MINIMUM STREET SLOPE END TO END 0.25%
8. FOR SUBDIVISIONS WITH <0.75% SLOPES

TYPICAL ROAD SECTION 45' RIGHT-OF-WAY WITHOUT CURB & GUTTER

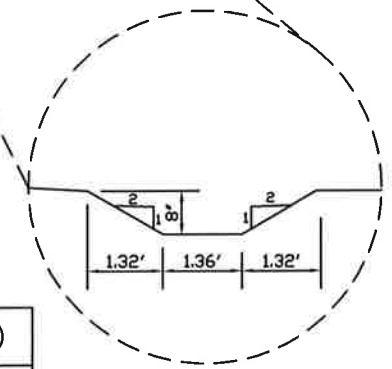
N.T.S.

Table 1

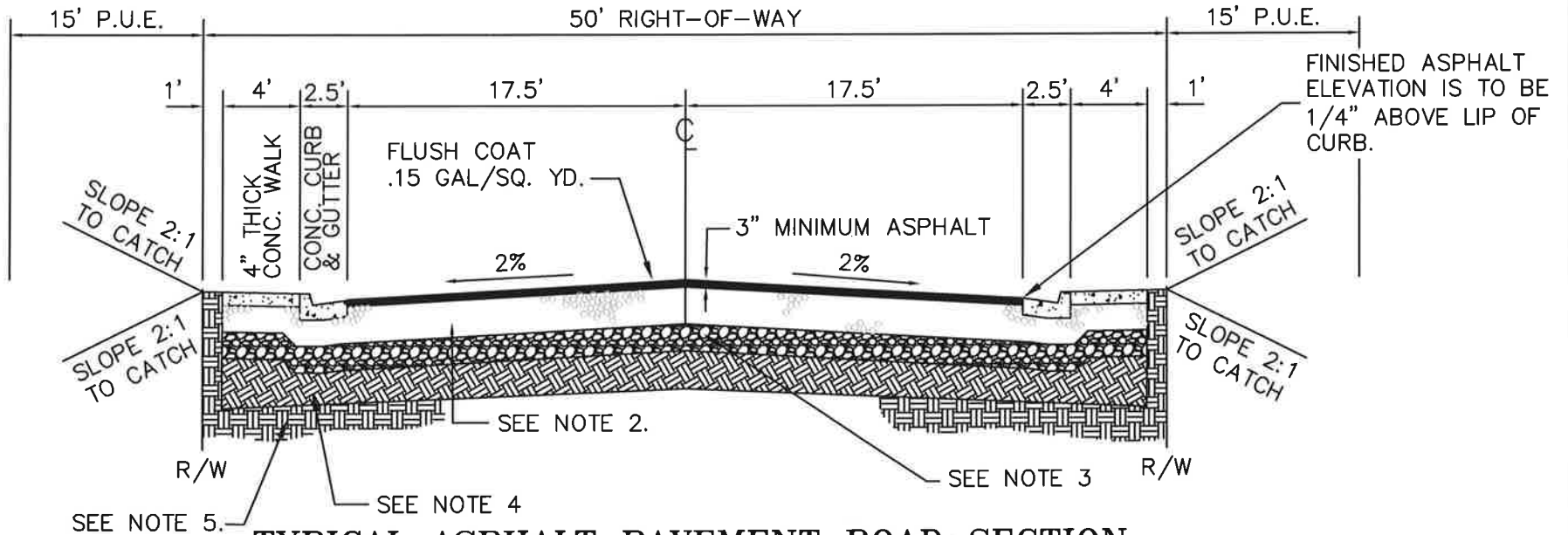
IRON COUNTY ROAD BASE STANDARD	
SIEVE SIZE	% PASSING WEIGHT
3/4" or 1"	100
1/2"	77-93
No. 4	47-62
No. 16	27-37
No. 200	9-15

Table 2

A-1-a (AASHTO M 145.)	
SIEVE SIZE	% PASSING WEIGHT
3 INCH MINUS	100
No. 10	50 MAX
No. 40	30 MAX
No. 200	15 MAX
PLASTICITY INDEX	6 MAX



DRAWN BY: M.E. PELLEGRINI	REVISIONS	PROJECT	SHT. NAME	SHT. NO.
DATE: 4-2022	DATE: 10-2-2023	IRON COUNTY ENGINEERING DEPARTMENT	ASPHALT PAVEMENT ROAD MINIMUM CROSS SECTION 45' RIGHT-OF-WAY WITHOUT CURB & GUTTER	5
DWG NO.				
APPROVED BY: R.A. WILSON				



**TYPICAL ASPHALT PAVEMENT ROAD SECTION
50' RIGHT-OF-WAY**

N.T.S.

FINISHED ASPHALT ELEVATION IS TO BE 1/4" ABOVE LIP OF CURB.

NOTE: REFER TO IRON COUNTY TESTING REQUIREMENTS FOR SIEVE TESTING AND COMPACTION STANDARDS.

NOTES*:

1. 6" COMPACTED ROAD BASE 60% FRACTURED (Table 1)
2. 12"-30" COMPACTED SUB-BASE (Table 2)
3. 12" OVEREXCAVATE AND RE-COMPACT TO 95%.
4. 6" SCARIFIED NATIVE MATERIAL.
5. EDGE OF ITEMS 1-4 TO EXTEND TO BACK OF CURB.

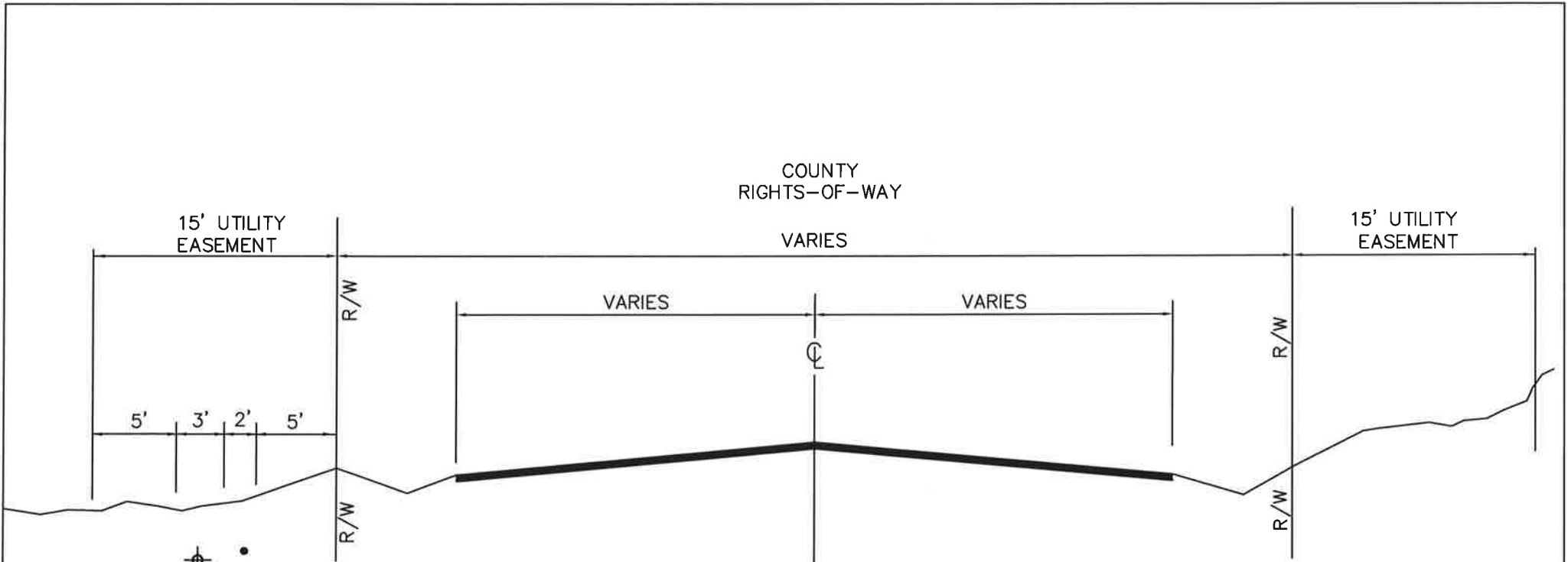
Table 1

IRON COUNTY ROAD BASE STANDARD	
SIEVE SIZE	% PASSING WEIGHT
3/4" or 1"	100
1/2"	77-93
No. 4	47-62
No. 16	27-37
No. 200	9-15

Table 2

A-1-a (AASHTO M 145.)	
SIEVE SIZE	% PASSING WEIGHT
3 INCH MINUS	100
No. 10	50 MAX
No. 40	30 MAX
No. 200	15 MAX
PLASTICITY INDEX	6 MAX

DRAWN BY: M.E. PELLEGRINI	REVISIONS	PROJECT IRON COUNTY ROAD DEPARTMENT	SHT. NAME BITUMINOUS SURFACE ROAD MINIMUM CROSS SECTION 50' RIGHT-OF-WAY	SHT. NO. 6
DATE: 4-2022	DATE: 10-2-2023			
DWG NO.				
APPROVED BY: R.A. WILSON				



NOTE: UTILITY MUST BE INSTALLED WITHIN UTILITY EASEMENT AND NOT IN COUNTY RIGHTS-OF-WAY.

MINIMUM DEPTHS	
TELEPHONE	30"
POWER	40"
GAS	30"

TYPICAL CROSS SECTION

N.T.S.

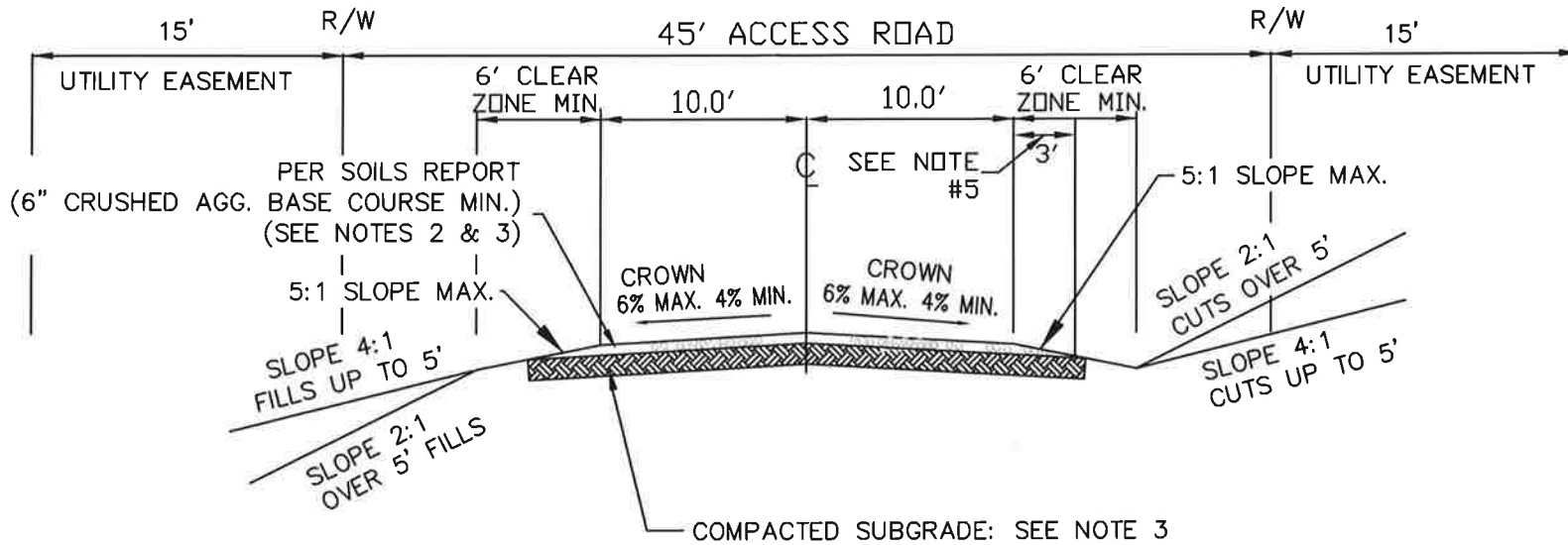
DRAWN BY: M.E. PELLEGRINI
 DATE: APRIL, 2022
 DWG. NO.:
 APPROVED BY: R.A. WILSON

REVISIONS

PROJECT
 IRON COUNTY ENGINEERING DEPARTMENT

SHT. NAME
 UTILITY LOCATIONS

SHT. NO.
 7



**ACCESS ROAD (WUI)
45' RIGHT-OF-WAY**

N.T.S.

NOTE: REFER TO IRON COUNTY TESTING REQUIREMENTS FOR SIEVE TESTING AND COMPACTION STANDARDS.

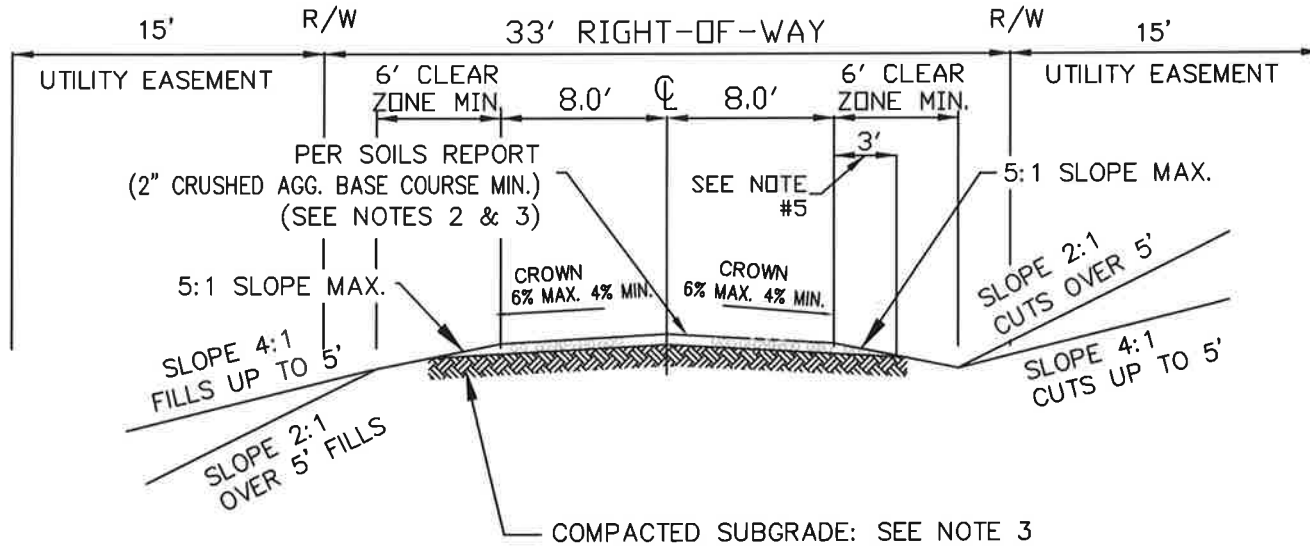
NOTES*:

1. TYPE AND THICKNESS OF THE BASE COURSE SHALL BE DETERMINED BY A SOILS REPORT & APPROPRIATE DESIGN. THE MINIMUM 6 INCH BASE COURSE SHALL BE 1 INCH MAXIMUM GRADATION IF READILY AVAILABLE THE BASE COURSE MAY BE 3/4 INCH. (TABLE 1)
2. PART OF THE BASE COURSE MAY BE SELECTED BANKRUN MATERIAL UPON "PRIOR APPROVAL" BY THE IRON COUNTY ENGINEER.
3. 12" COMPACTED SUBGRADE MAY BE NATIVE MATERIAL OR IMPORTED GRANULAR MATERIAL.
4. ITEMS 1-3 TO EXTEND 3 FEET BEYOND EDGE OF TRAVEL WAY.
5. 12% MAXIMUM GRADE ALLOWED.
6. OTHER ITEMS MAY BE APPLICABLE AS PER COUNTY ORDINANCES OR THE WILDLAND - URBAN INTERFACE AREA REQUIREMENTS SECTION 403.

Table 1

IRON COUNTY ROAD BASE STANDARD	
SIEVE SIZE	% PASSING WEIGHT
3/4" or 1"	100
1/2"	77-93
No. 4	47-62
No. 16	27-37
No. 200	9-15

DRAWN BY: M.E. PELLEGRINI	REVISIONS	PROJECT	SHT. NAME	SHT. NO.
DATE: APRIL, 2022	DATE: 10-2-2023	IRON COUNTY ENGINEERING DEPARTMENT	ACCESS ROAD MINIMUM CROSS SECTION 45' ACCESS ROAD	8
DWG. NO.:				
APPROVED BY: R.A. WILSON				



SHARED ACCESS DRIVEWAY 33' RIGHT-OF-WAY

N.T.S.

NOTE: REFER TO IRON COUNTY TESTING REQUIREMENTS FOR SIEVE TESTING AND COMPACTION STANDARDS.

NOTES*:

1. TYPE AND THICKNESS OF THE BASE COURSE SHALL BE DETERMINED BY A SOILS REPORT & APPROPRIATE DESIGN. THE MINIMUM 2 INCH BASE COURSE SHALL BE 1 INCH MAXIMUM GRADATION IF READILY AVAILABLE THE BASE COURSE MAY BE 3/4 INCH. (TABLE 1)
2. PART OF THE BASE COURSE MAY BE SELECTED BANKRUN MATERIAL UPON "PRIOR APPROVAL" BY THE IRON COUNTY ENGINEER.
3. 12" COMPACTED SUBGRADE MAY BE NATIVE MATERIAL OR IMPORTED GRANULAR MATERIAL.
4. EDGE OF ITEMS 1-3 TO EXTEND 3 FEET BEYOND EDGE OF TRAVEL WAY.
5. TURNOUTS ARE REQUIRED ON DRIVEWAYS LESS THAN 20' WIDE AT INTERVALS DETERMINED BY THE COUNTY FIRE WARDEN. TURNOUT MUST BE AT LEAST 10'x30'.
6. SINGLE OR SHARED DRIVEWAYS LESS THAN 20' WIDE, LONGER THAN 150' MUST PROVIDE A TURNAROUND APPROVED BY THE COUNTY FIRE WARDEN.
7. OTHER ITEMS MAY BE APPLICABLE AS PER COUNTY ORDINANCES OR THE WILDLAND - URBAN INTERFACE AREA REQUIREMENTS SECTION 403.

Table 1

IRON COUNTY ROAD BASE STANDARD	
SIEVE SIZE	% PASSING WEIGHT
3/4" or 1"	100
1/2"	77-93
No. 4	47-62
No. 16	27-37
No. 200	9-15

DRAWN BY: M.E. PELLEGRINI

DATE: APRIL, 2022

DWG. NO.:

APPROVED BY: R.A. WILSON

REVISIONS

DATE: 10-2-2023

PROJECT

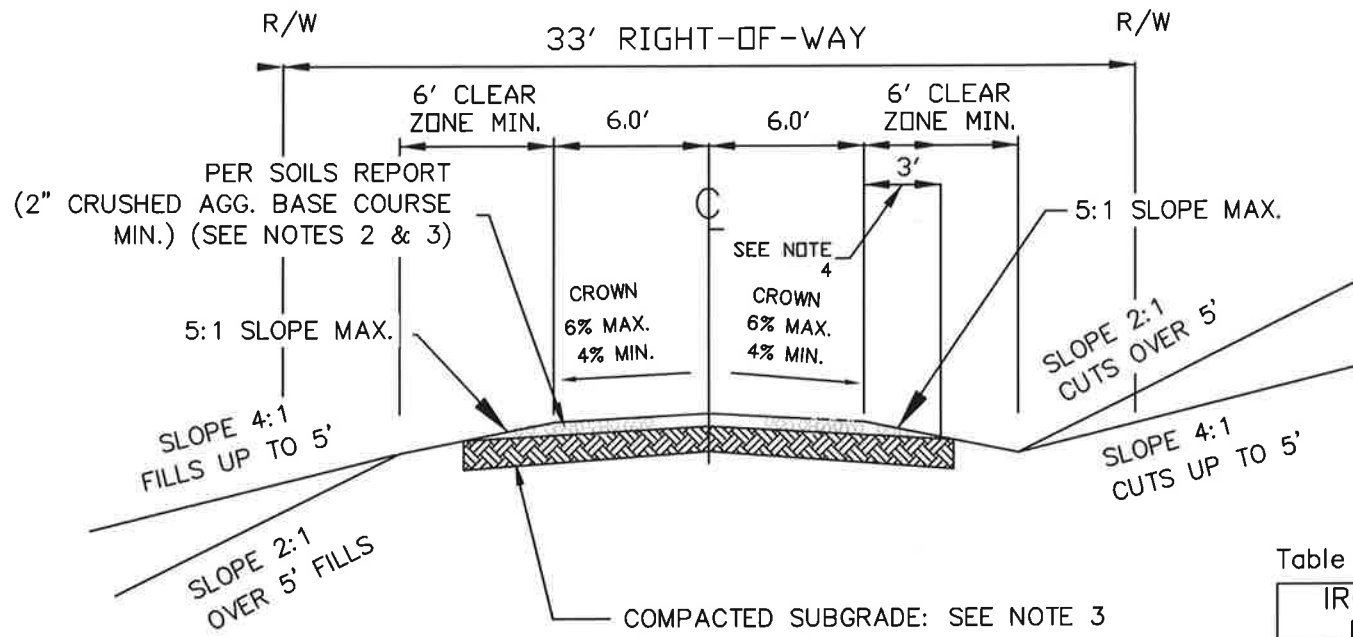
IRON COUNTY ENGINEERING
DEPARTMENT

SHT. NAME

DRIVEWAY
MINIMUM CROSS SECTION
33' SHARED
ACCESS DRIVEWAY

SHT. NO.

9



**SINGLE ACCESS DRIVEWAY 33'
RIGHT-OF-WAY**

N.T.S.

Table 1

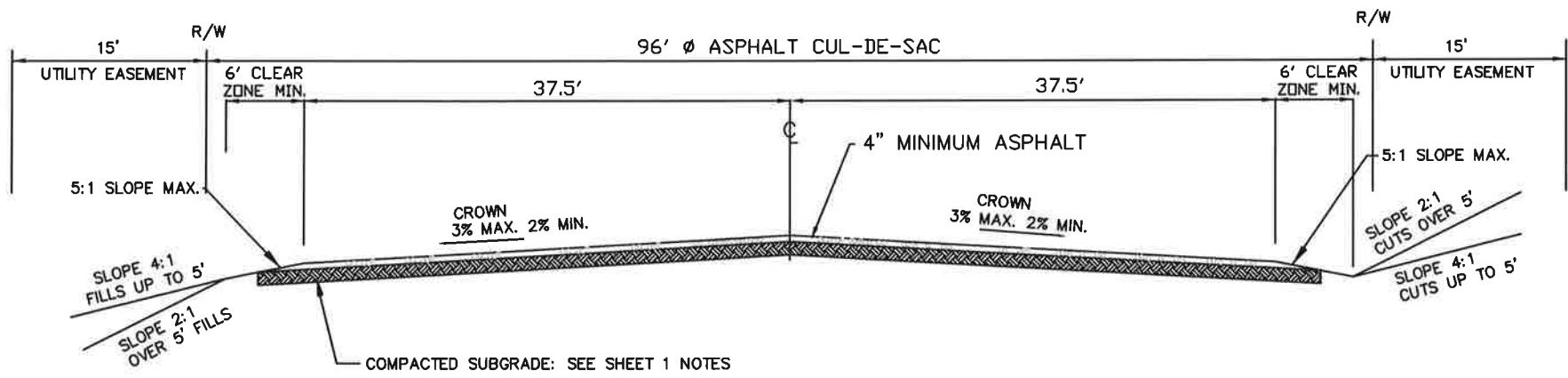
IRON COUNTY ROAD BASE STANDARD	
SIEVE SIZE	% PASSING WEIGHT
3/4" or 1"	100
1/2"	77-93
No. 4	47-62
No. 16	27-37
No. 200	9-15

NOTES*:

- TYPE AND THICKNESS OF THE BASE COURSE SHALL BE DETERMINED BY A SOILS REPORT & APPROPRIATE DESIGN. THE MINIMUM 2 INCH BASE COURSE SHALL BE 1 INCH MAXIMUM GRADATION IF READILY AVAILABLE THE BASE COURSE MAY BE 3/4 INCH. (TABLE 1)
- PART OF THE BASE COURSE MAY BE SELECTED BANKRUN MATERIAL UPON "PRIOR APPROVAL" BY THE IRON COUNTY ENGINEER.
- 12" COMPACTED SUBGRADE MAY BE NATIVE MATERIAL OR IMPORTED GRANULAR MATERIAL.
- EDGE OF ITEMS 1-3 TO EXTEND 3 FEET BEYOND EDGE OF TRAVEL WAY.
- TURNOUTS ARE REQUIRED ON DRIVEWAYS LESS THAN 20' WIDE AT INTERVALS DETERMINED BY THE COUNTY FIRE WARDEN. TURNOUT MUST BE AT LEAST 10'x30'.
- SINGLE OR SHARED DRIVEWAYS LESS THAN 20' WIDE, LONGER THAN 150' MUST PROVIDE A TURNAROUND APPROVED BY THE COUNTY FIRE WARDEN.
- OTHER ITEMS MAY BE APPLICABLE AS PER COUNTY ORDINANCES OR THE WILDLAND - URBAN INTERFACE AREA REQUIREMENTS SECTION 403.

NOTE: REFER TO IRON COUNTY TESTING REQUIREMENTS FOR SIEVE TESTING AND COMPACTION STANDARDS.

DRAWN BY: M.E. PELLEGRINI	REVISIONS	PROJECT	SHT. NAME	SHT. NO.
DATE: APRIL, 2022	DATE: 10-2-2023	IRON COUNTY ENGINEERING DEPARTMENT	DRIVEWAY MINIMUM CROSS SECTION 33' SINGLE ACCESS DRIVEWAY	10
DWG. NO.:				
APPROVED BY: R.A. WILSON				



**ASPHALT CUL-DE-SAC
90' Ø RIGHT-OF-WAY**

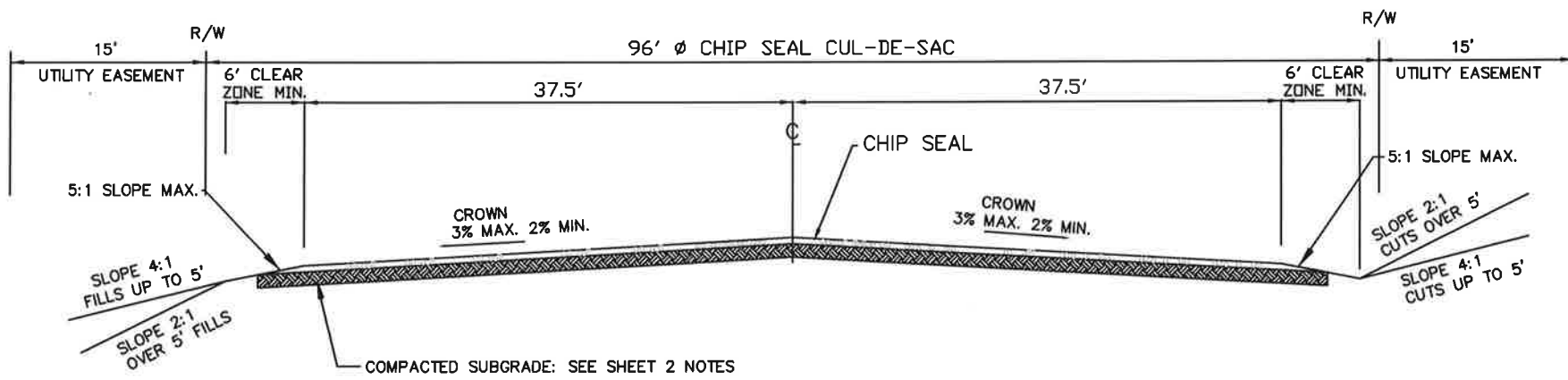
NOT TO SCALE

NOTE: REFER TO IRON COUNTY TESTING REQUIREMENTS FOR SIEVE TESTING AND COMPACTION STANDARDS.

Table 1

IRON COUNTY ROAD BASE STANDARD	
SIEVE SIZE	% PASSING WEIGHT
3/4" or 1"	100
1/2"	77-93
No. 4	47-62
No. 16	27-37
No. 200	9-15

DRAWN BY: M.E. PELLEGRINI DATE: APRIL, 2022 DWG. NO.: APPROVED BY: R.A. WILSON	REVISIONS DATE: 10-2-2023	PROJECT IRON COUNTY ENGINEERING DEPARTMENT	SHT. NAME MINIMUM CROSS SECTION 96' DIAMETER ASPHALT CUL-DE-SAC	SHT. NO. 11
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COMPACTED SUBGRADE: SEE SHEET 2 NOTES

CHIP SEAL CUL-DE-SAC
90' ϕ RIGHT-OF-WAY

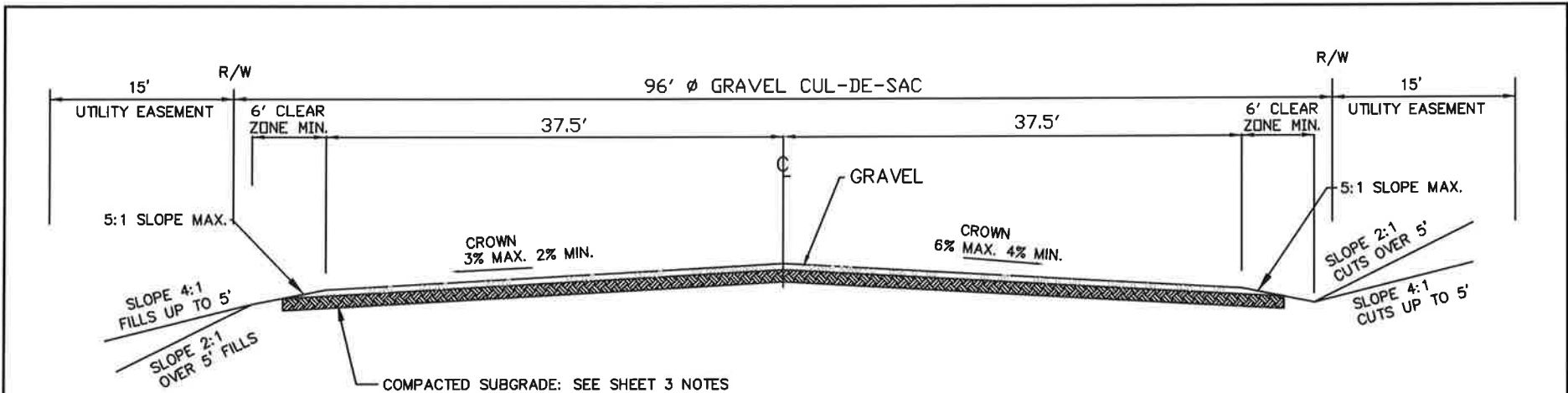
NOT TO SCALE

NOTE: REFER TO IRON COUNTY TESTING REQUIREMENTS FOR SIEVE TESTING AND COMPACTION STANDARDS.

Table 1

IRON COUNTY ROAD BASE STANDARD	
SIEVE SIZE	% PASSING WEIGHT
3/4" or 1"	100
1/2"	77-93
No. 4	47-62
No. 16	27-37
No. 200	9-15

DRAWN BY: M.E. PELLEGRINI DATE: APRIL, 2022 DWG. NO.: APPROVED BY: R.A. WILSON	REVISIONS DATE: 10-2-2023	PROJECT IRON COUNTY ENGINEERING DEPARTMENT	SHT. NAME MINIMUM CROSS SECTION 96' DIAMETER CHIP SEAL CUL-DE-SAC	SHT. NO. 12
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COMPACTED SUBGRADE: SEE SHEET 3 NOTES

**GRAVEL CUL-DE-SAC
90' Ø RIGHT-OF-WAY**

NOT TO SCALE

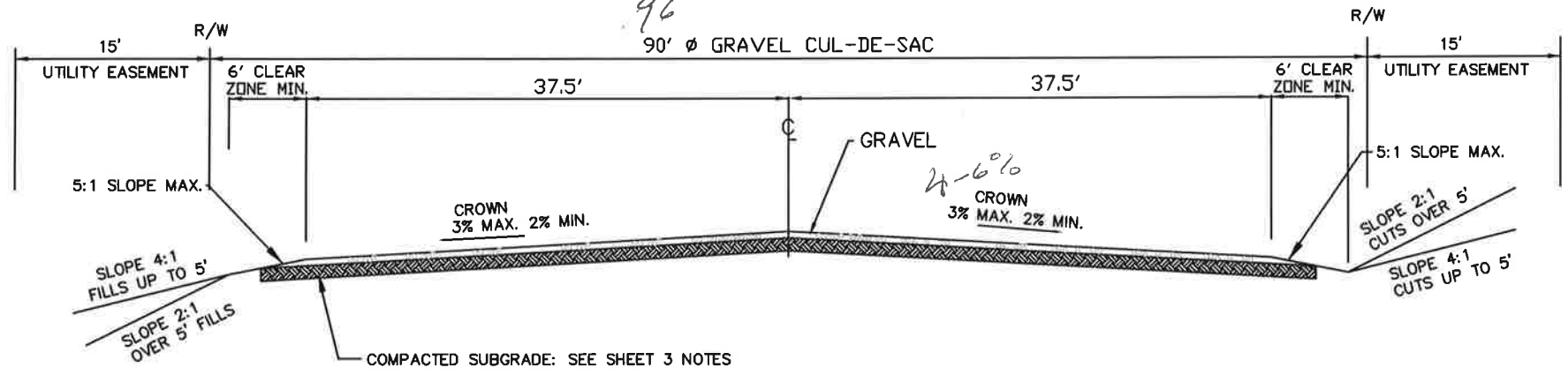
NOTE: REFER TO IRON COUNTY TESTING REQUIREMENTS FOR SIEVE TESTING AND COMPACTION STANDARDS.

Table 1

IRON COUNTY ROAD BASE STANDARD	
SIEVE SIZE	% PASSING WEIGHT
3/4" or 1"	100
1/2"	77-93
No. 4	47-62
No. 16	27-37
No. 200	9-15

DRAWN BY: M.E. PELLEGRINI DATE: APRIL, 2022 DWG. NO.: APPROVED BY: R.A. WILSON	REVISIONS DATE: 10-2-2023	PROJECT IRON COUNTY ENGINEERING DEPARTMENT	SHT. NAME MINIMUM CROSS SECTION 96' DIAMETER GRAVEL CUL-DE-SAC	SHT. NO. 13
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96



COMPACTED SUBGRADE: SEE SHEET 3 NOTES

**GRAVEL CUL-DE-SAC
90' Ø RIGHT-OF-WAY**

NOT TO SCALE

NOTE: REFER TO IRON COUNTY TESTING REQUIREMENTS FOR SIEVE TESTING AND COMPACTION STANDARDS.

Table 1

IRON COUNTY ROAD BASE STANDARD	
SIEVE SIZE	% PASSING WEIGHT
3/4" or 1"	100
1/2"	77-93
No. 4	47-62
No. 16	27-37
No. 200	9-15

DRAWN BY: M.E. PELLEGRINI DATE: APRIL, 2022 DWG. NO.: APPROVED BY: R.A. WILSON	REVISIONS DATE: 10-2-2023	PROJECT IRON COUNTY ENGINEERING DEPARTMENT	SHT. NAME MINIMUM CROSS SECTION 90' DIAMETER ASPHALT CUL-DE-SAC	SHT. NO. 13
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