

VILLAGE OF RICHFIELD, WISCONSIN

2015 HIGHWAY IMPROVEMENTS PROGRAM

UTILITY CONTACTS

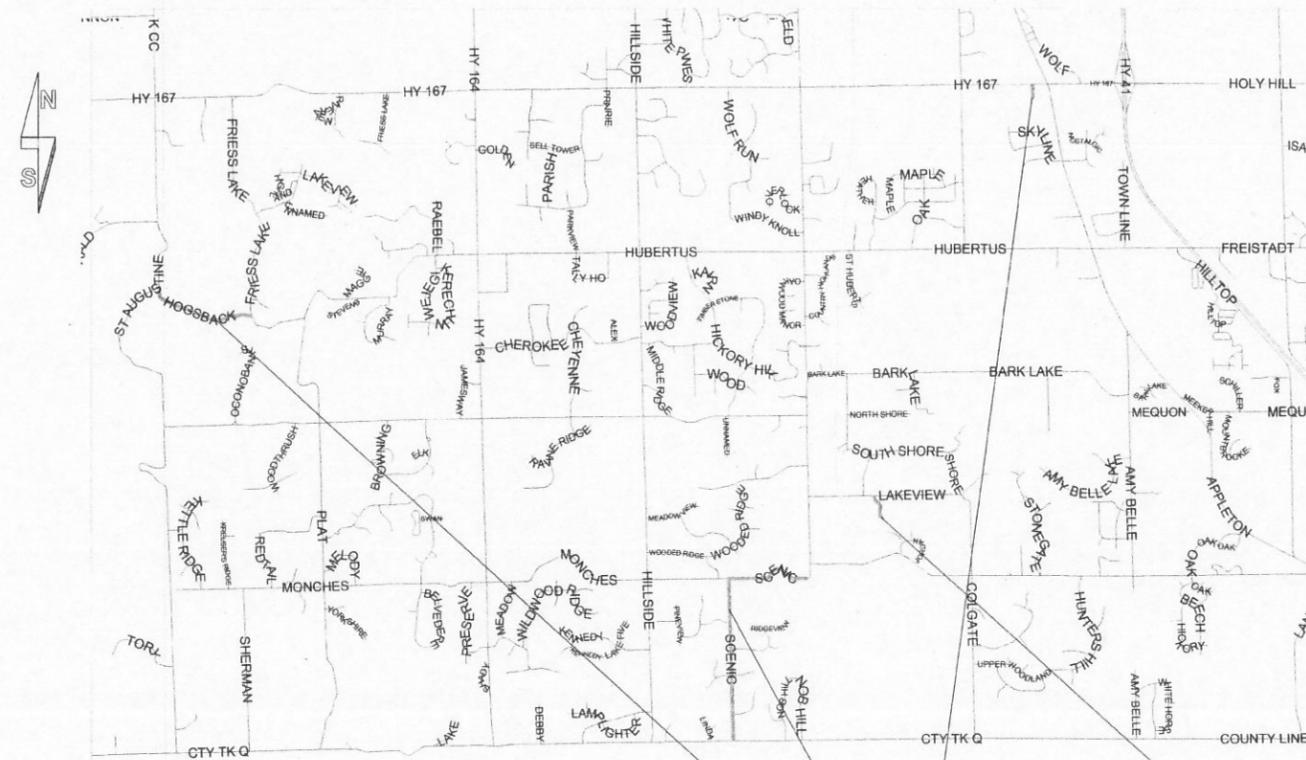
Village of Richfield

Village of Richfield
 Contact: Jim Healy
 Village Hall
 4128 Hubertus Road
 Hubertus, WI 53033
 (262) 628-2260 Ext. 114

AT&T
 Contact: Joel Ostrenga
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 Contact: Thomas Minesal
 500 S. 116th Street
 West Allis, WI 53214
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 Contact: Tom Harycki
 2312 Continental Drive
 West Bend, WI 53095
 262-306-8756 Ext. 20702



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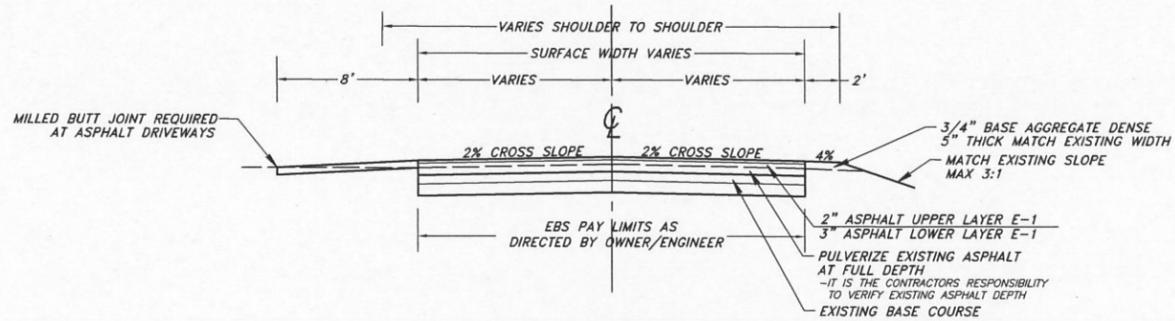
ALTERNATE PROJECT LOCATION

PROJECT LOCATION



KUNKEL
 engineering
 group

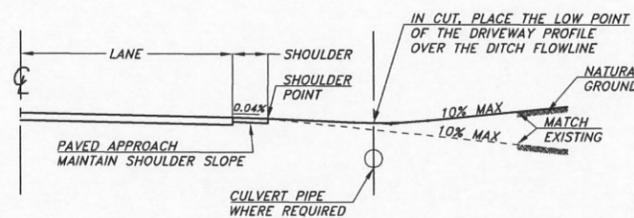
107 Parallel Street
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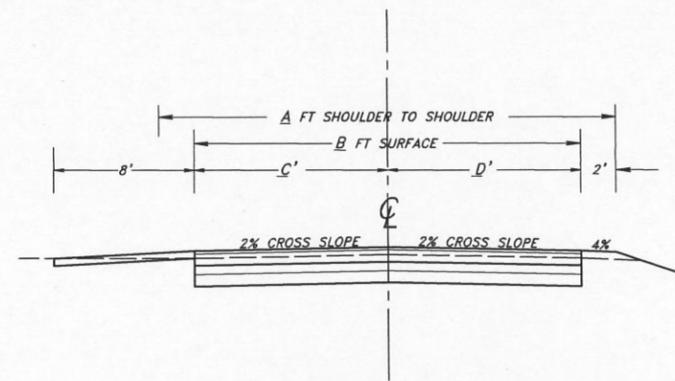
RICHFIELD, WI TYPICAL CROSS SECTION

General Notes

- 1) Pulverize existing asphalt pavement full depth, 5" depth estimated. Pavement removal and saw cutting are incidental to other items.
- 2) All pulverized material is to remain onsite and incorporated into the work.
- 3) Intersection and driveway limits to be transitioning per plan or as directed by engineer/ owner representative.
- 4) Adjust roadway as necessary to match existing driveways.
- 5) Existing driveways shall be transitioned to final road grade with pulverized material and 3" asphalt surface course. Any concrete driveways inside the road right of way that require grade transition shall be cut back as directed by the engineer/owner representative and transitioned to finished grade with hot mix asphalt.
- 6) Shaping of shoulders to finished cross section with delivered aggregate will be paid for under aggregate shoulder. Aggregate shoulder shall be used for matching gravel driveways beyond a 5' minimum apron.

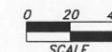


TYPICAL DRIVEWAY PROFILES



RICHFIELD, WI TYPICAL CROSS SECTION KEY TO TABLES

BASSWOOD LANE					
BEGIN STATION	END STATION	A S TO S	B SURFACE	C LEFT LANE	D RIGHT LANE
10+00.	14+16.	26'	22'	11.'	11.'
TOTAL PAVEMENT AREA					1,606 SQ YD
SCENIC DRIVE					
BEGIN STATION	END STATION	A S TO S	B SURFACE	C LEFT LANE	D RIGHT LANE
20+63.	26+70.	27'	23'	11.5'	11.5'
TAPER PAVEMENT WIDTH					
26+70.	28+06.				
28+06.	29+07.	35'	31'	11.5'	19.5'
TAPER PAVEMENT WIDTH					
29+07.	29+95.				
29+95.	39+33.	27'	23'	11.5'	11.5'
TAPER PAVEMENT WIDTH					
39+33.	40+70.				
40+70.	41+56.	45'	41'	20.5'	20.5'
TAPER PAVEMENT WIDTH					
41+56.	43+18.				
43+18.	47+79.	27'	23'	11.5'	11.5'
TAPER PAVEMENT WIDTH					
47+79.	49+11.				
49+11.	50+15.	44'	40'	20.'	20.'
TAPER PAVEMENT WIDTH					
50+15.	51+49.				
51+49.	56+60.	27'	23'	11.5'	11.5'
TAPER PAVEMENT WIDTH					
56+60.	57+92.				
57+92.	58+84.	49'	45'	22.5'	22.5'
TAPER PAVEMENT WIDTH					
58+84.	60+33.				
60+33.	72+19.	27'	23'	11.5'	11.5'
INTERSECTION					
73+40.	100+78.	26'	22'	11.'	11.'
TOTAL PAVEMENT AREA					26,126 SQ YD
HOGSBACK ROAD					
BEGIN STATION	END STATION	A S TO S	B SURFACE	C LEFT LANE	D RIGHT LANE
11+00.	45+95.	24'	20'	10.'	10.'
TOTAL PAVEMENT AREA					8,688 SQ YD



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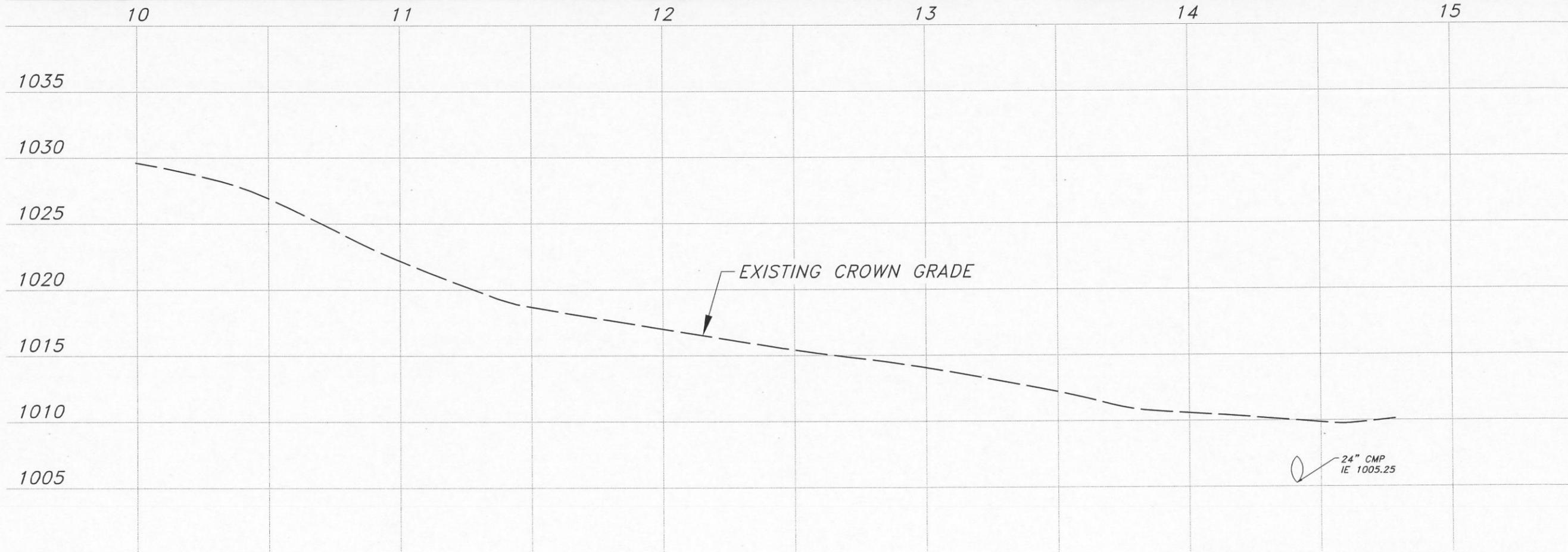
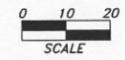
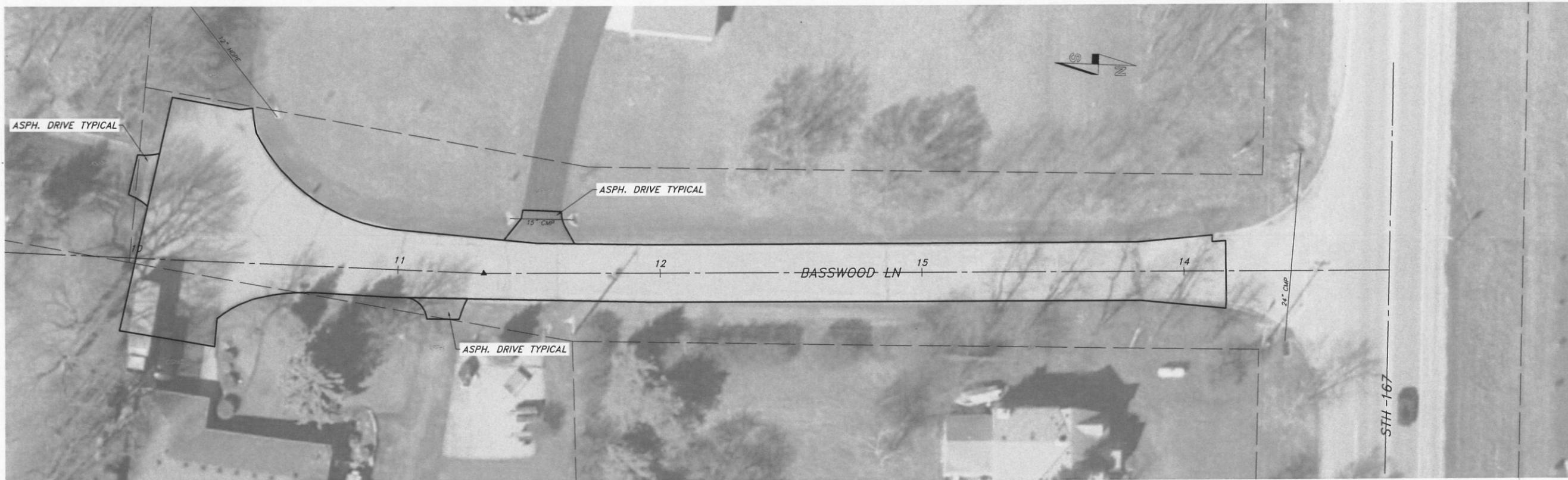
SCALE : 1" = 5'H 5"V

PROJECT : # 2014-K048
DATE : 11/19/14
DRAWN BY : NAC
APPROVED BY : BAO

VILLAGE OF RICHFIELD, WISCONSIN
TYPICAL CROSS SECTIONS
2015 HIGHWAY IMPROVEMENT PROGRAM

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SHEET 2 OF 16



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SCALE : 1" = 20'H 4"V

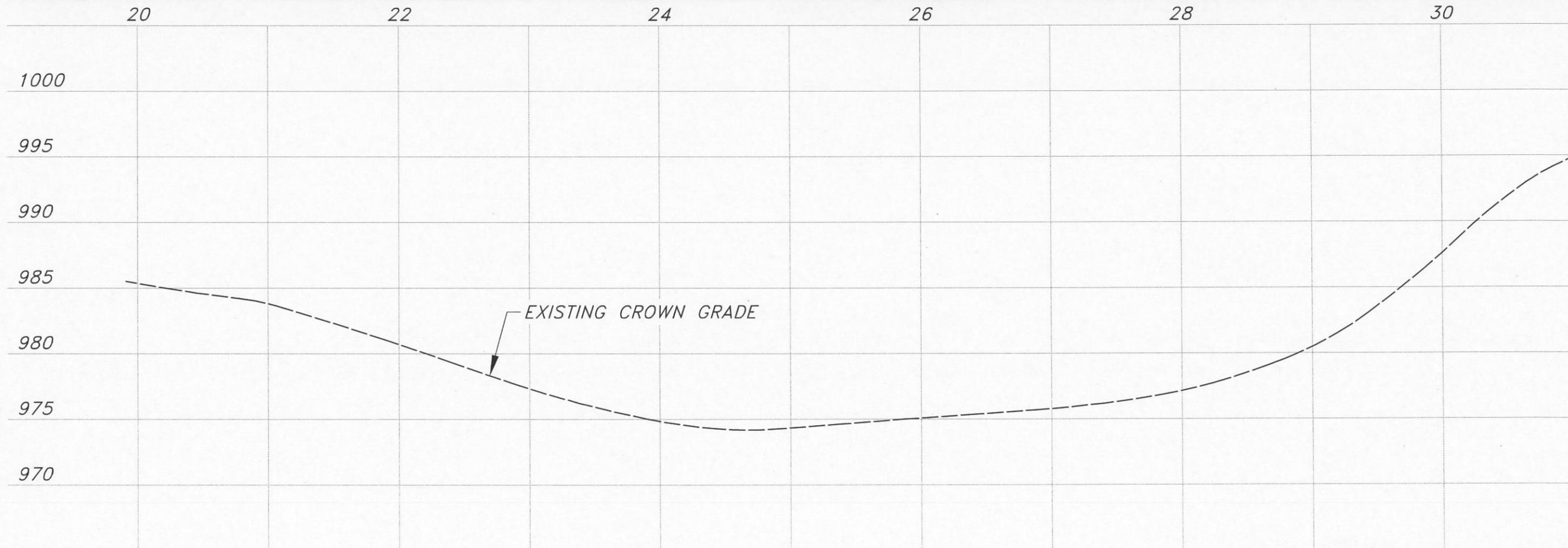
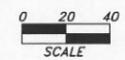
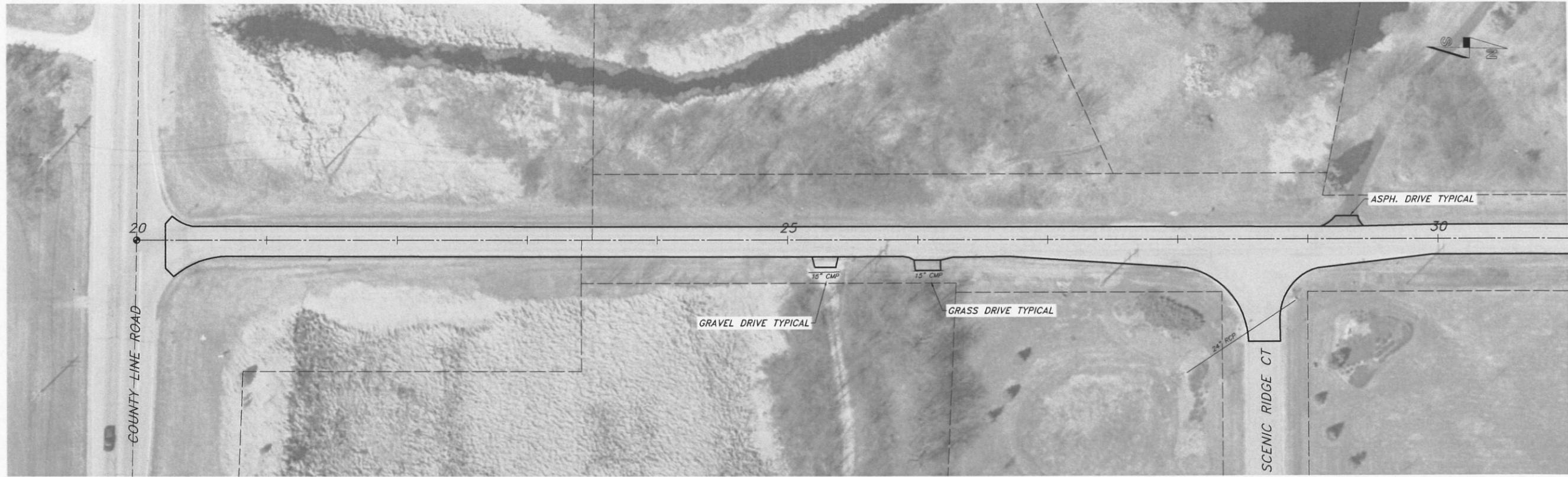
PROJECT : # 2014.K048	DATE : 11/19/14	DRAWN BY : NAC	APPROVED BY : BAO
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VILLAGE OF RICHFIELD, WISCONSIN
 BASSWOOD LANE RESURFACING
 2015 HIGHWAY IMPROVEMENT PROGRAM

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December 18, 2014 10:56:29 a.m.
 Drawing: S:\TOWNS\RICHFIELD\2015 HIGHWAY IMPROVEMENTS\DWG\PLAN-PROFILE2.DWG

BASSWOOD LANE RESURFACING



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SCALE: 1" = 40'H 4"V

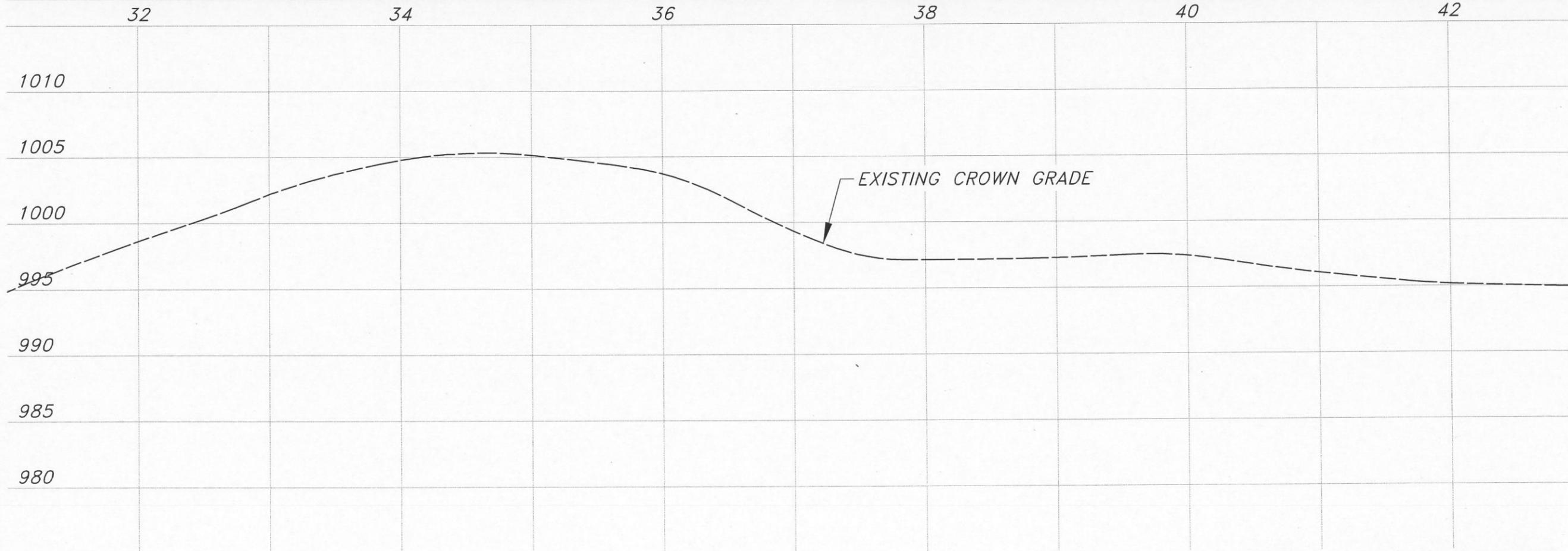
PROJECT: # 2014.K048
DATE: 11/19/14
DRAWN BY: NAC
APPROVED BY: BAO

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SCENIC DRIVE RESURFACING
2015 HIGHWAY IMPROVEMENT PROGRAM

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SCENIC DRIVE RESURFACING

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SCALE : 1" = 40'H 4'V

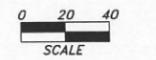
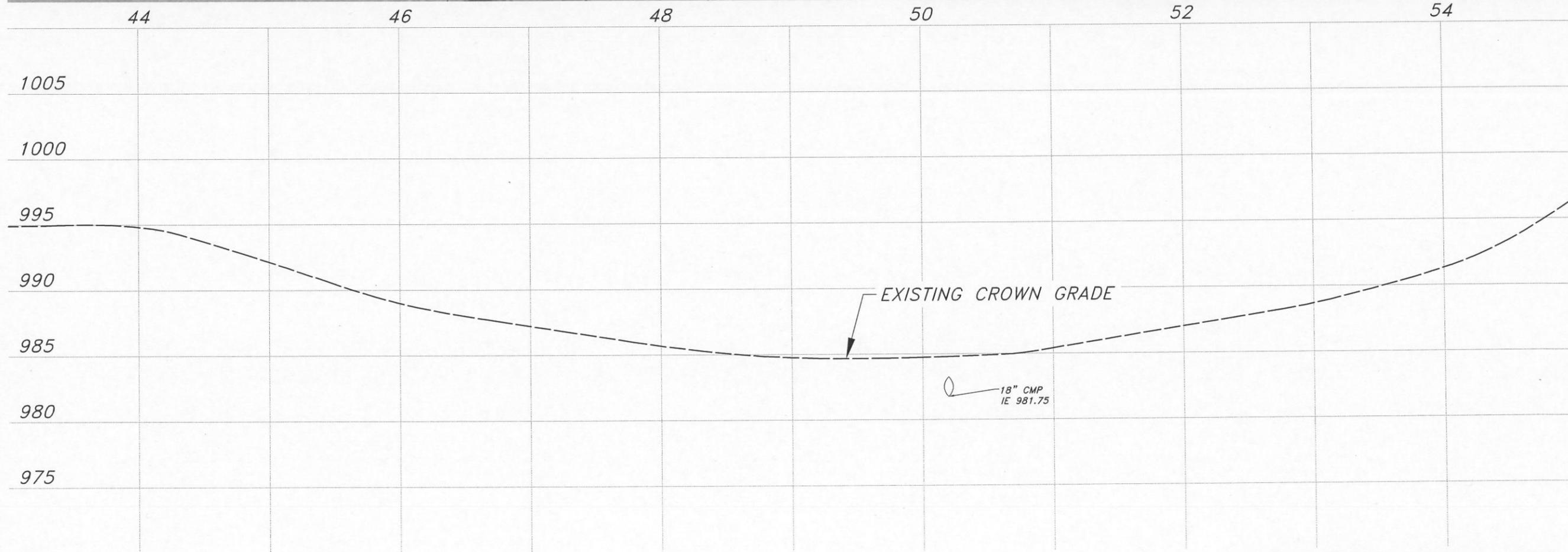
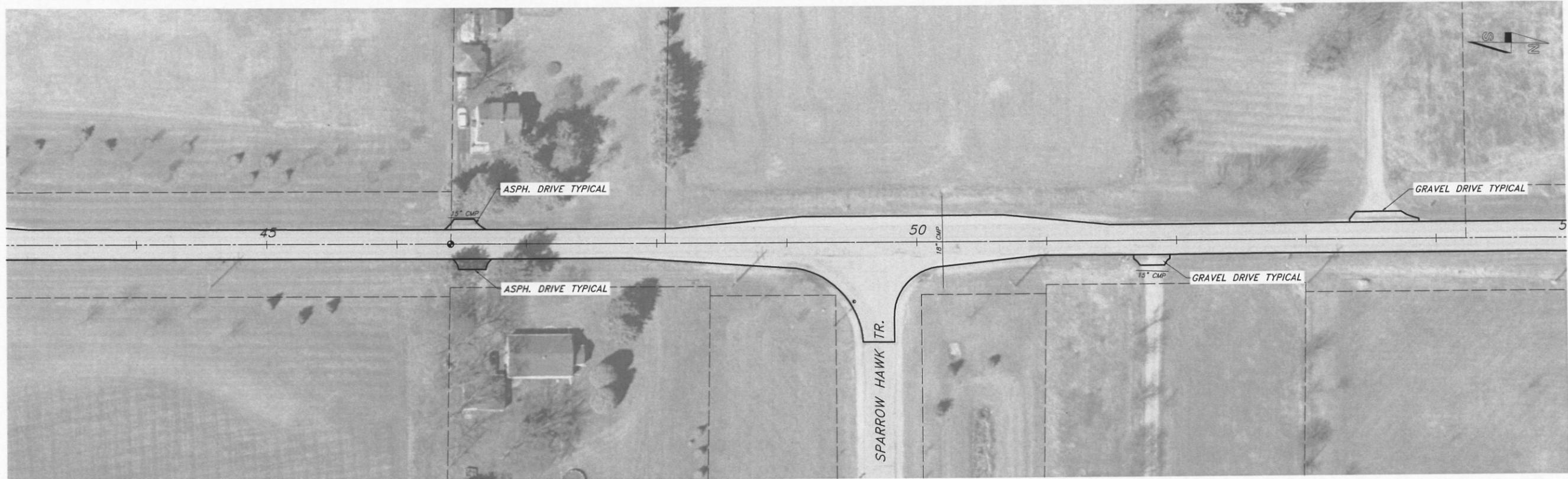
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 SCENIC DRIVE RESURFACING
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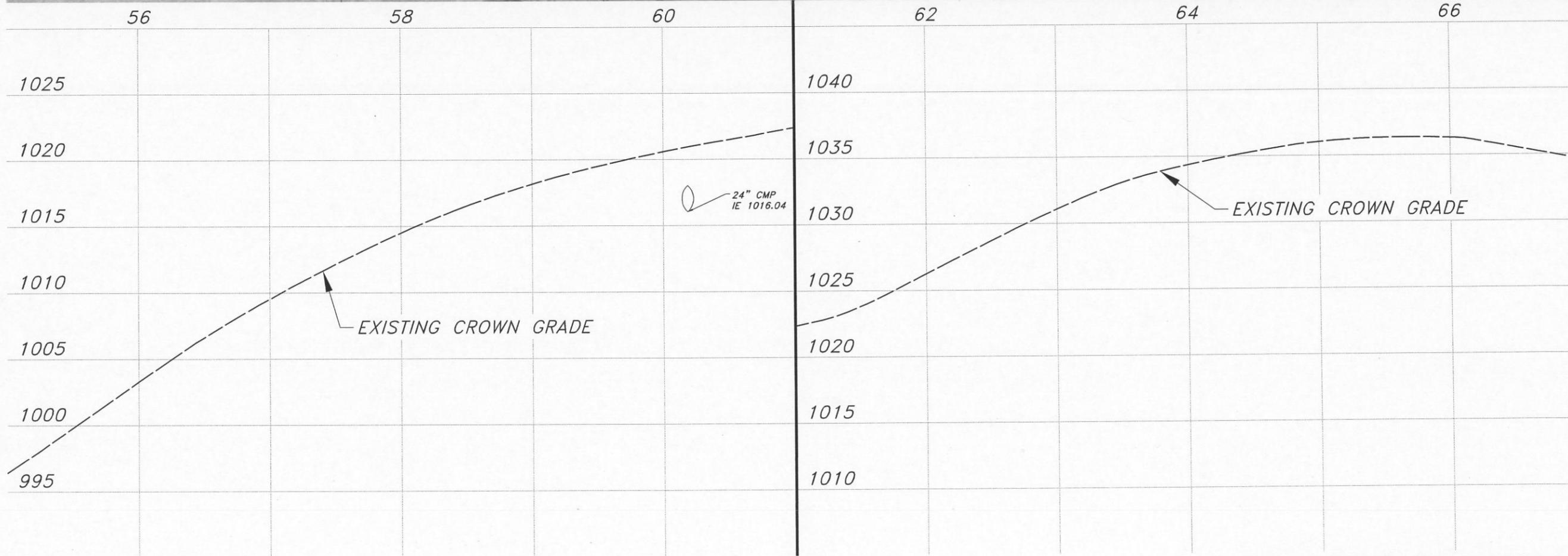
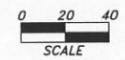
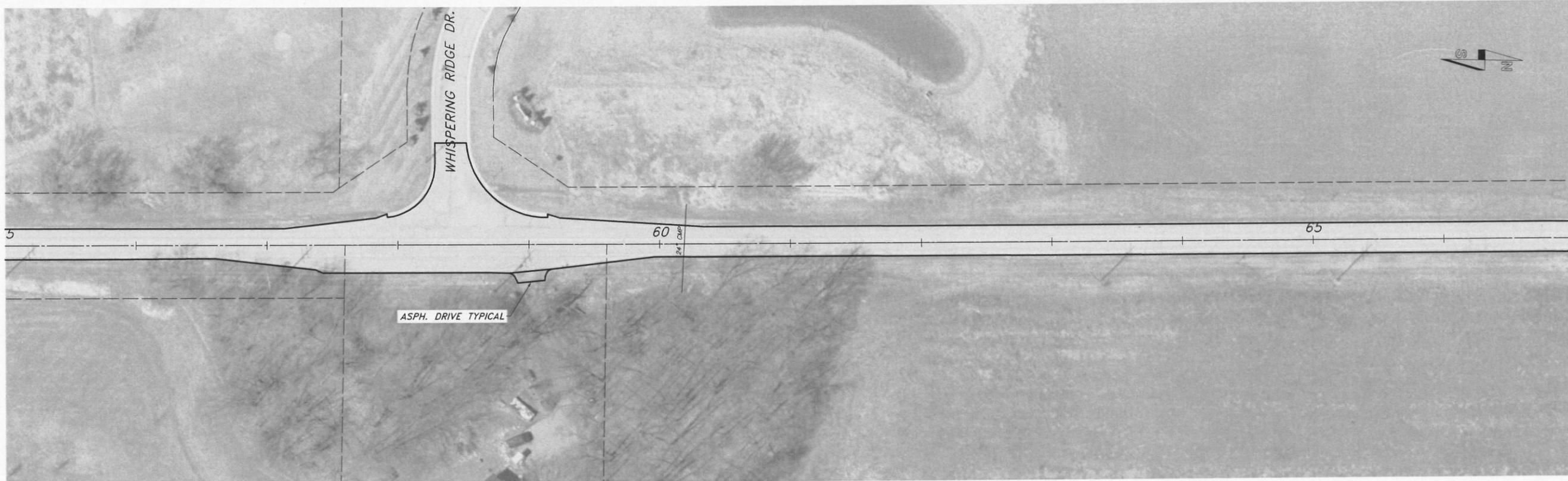


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SCALE : 1" = 40'H 4"V

PROJECT : # 2014-K048
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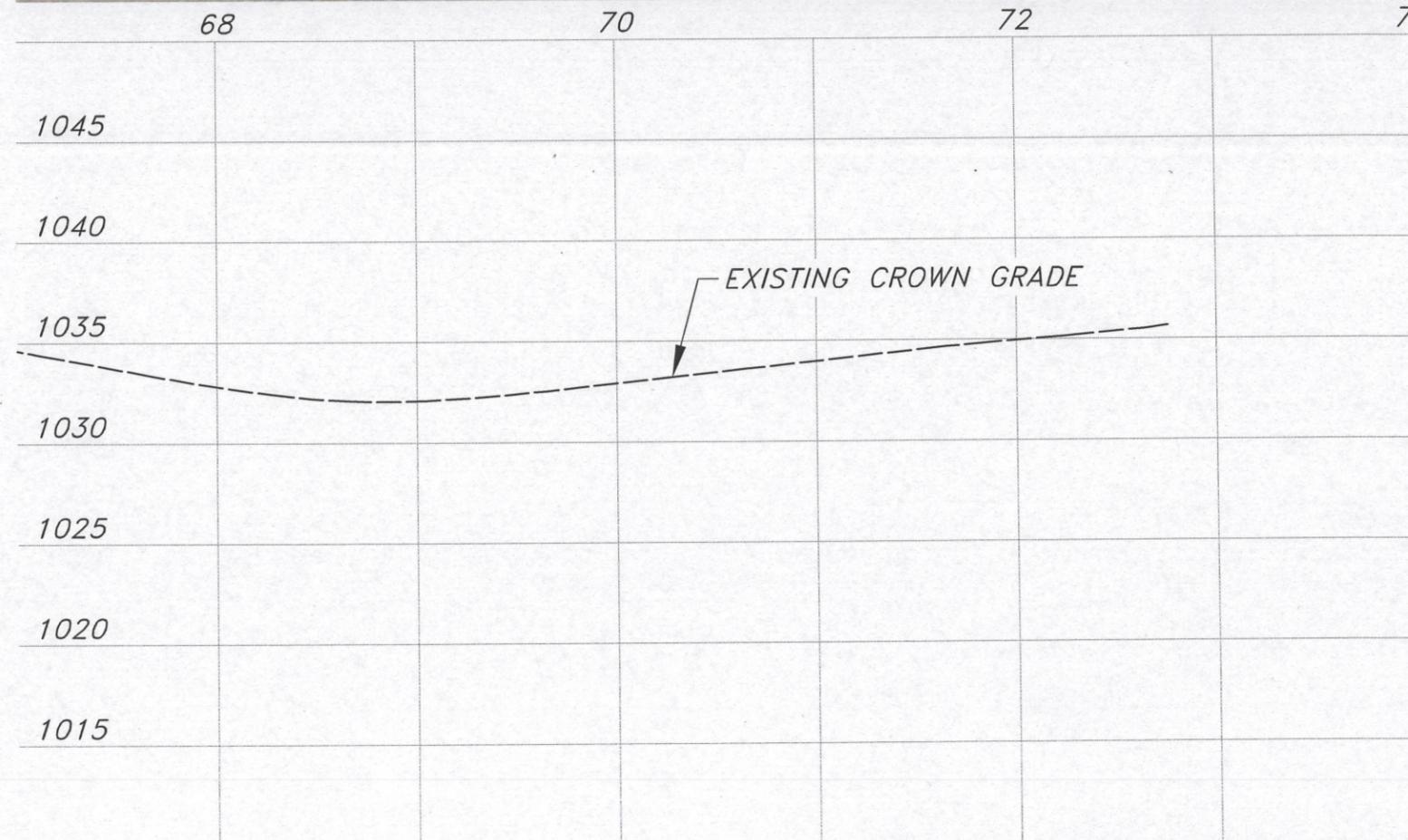
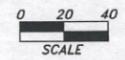
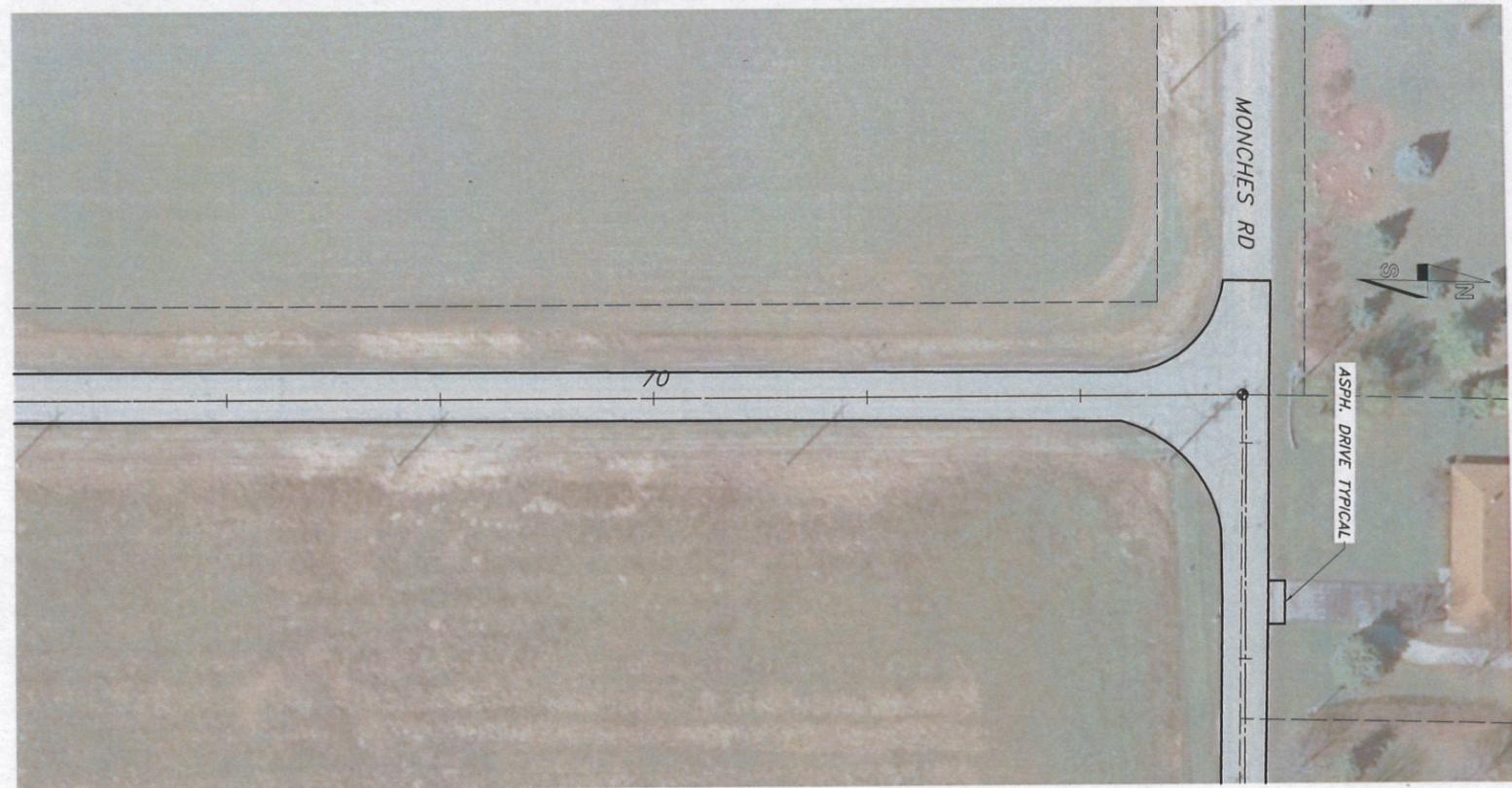


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SCALE : 1" = 40'H 4"V

PROJECT : # 2014-K048
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VILLAGE OF RICHFIELD, WISCONSIN
SCENIC DRIVE RESURFACING
2015 HIGHWAY IMPROVEMENT PROGRAM





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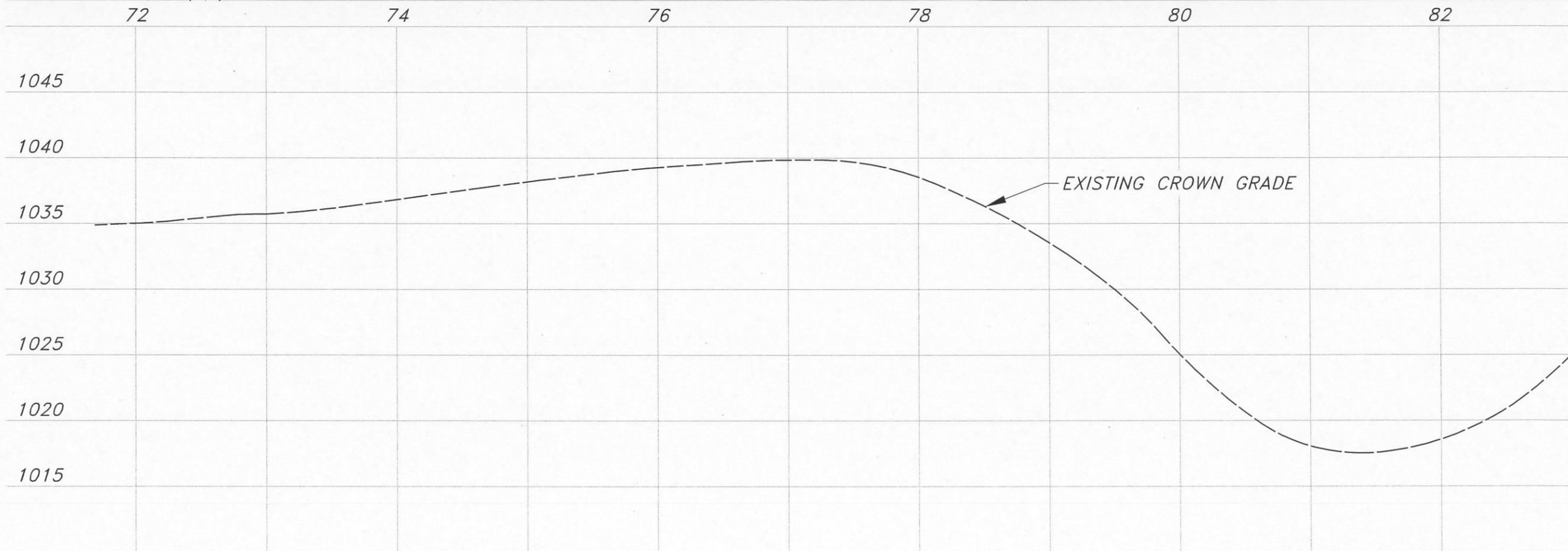
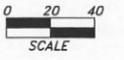
PROJECT : # 2014-KO48	DATE : 11/19/14	DRAWN BY : NAC
		APPROVED BY : BAO

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 SCENIC DRIVE RESURFACING
 2015 HIGHWAY IMPROVEMENT PROGRAM

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SCENIC DRIVE RESURFACING



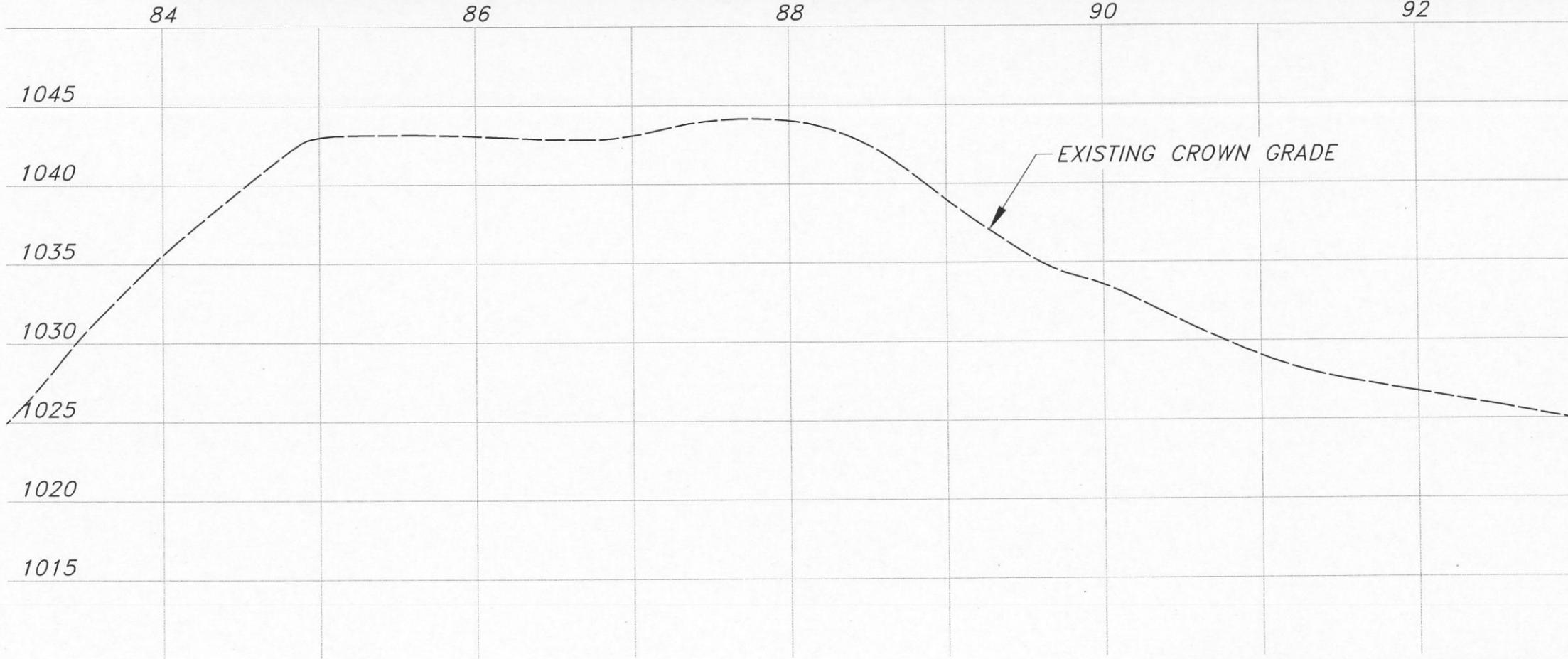
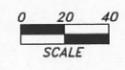
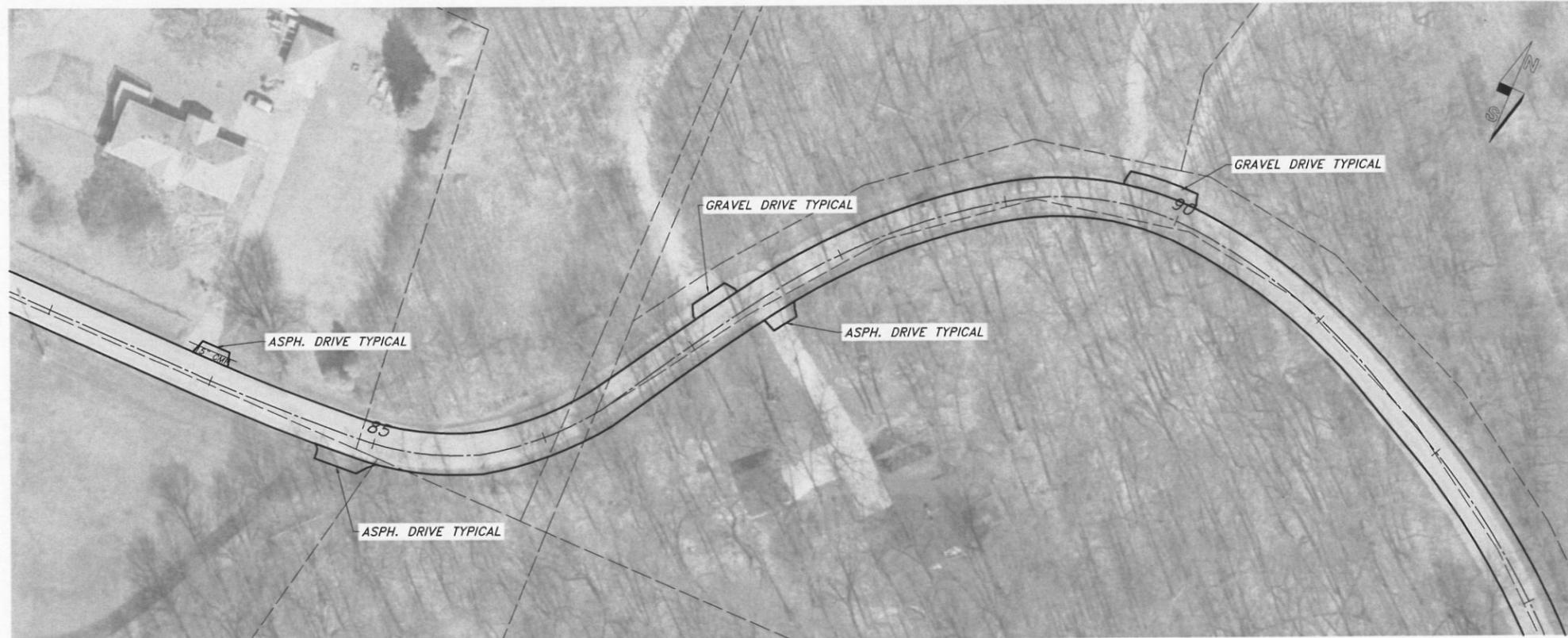
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PROJECT : # 2014-KO48	DATE : 11/19/14	DRAWN BY : NAC	APPROVED BY : BAO
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 SCENIC DRIVE RESURFACING
 2015 HIGHWAY IMPROVEMENT PROGRAM

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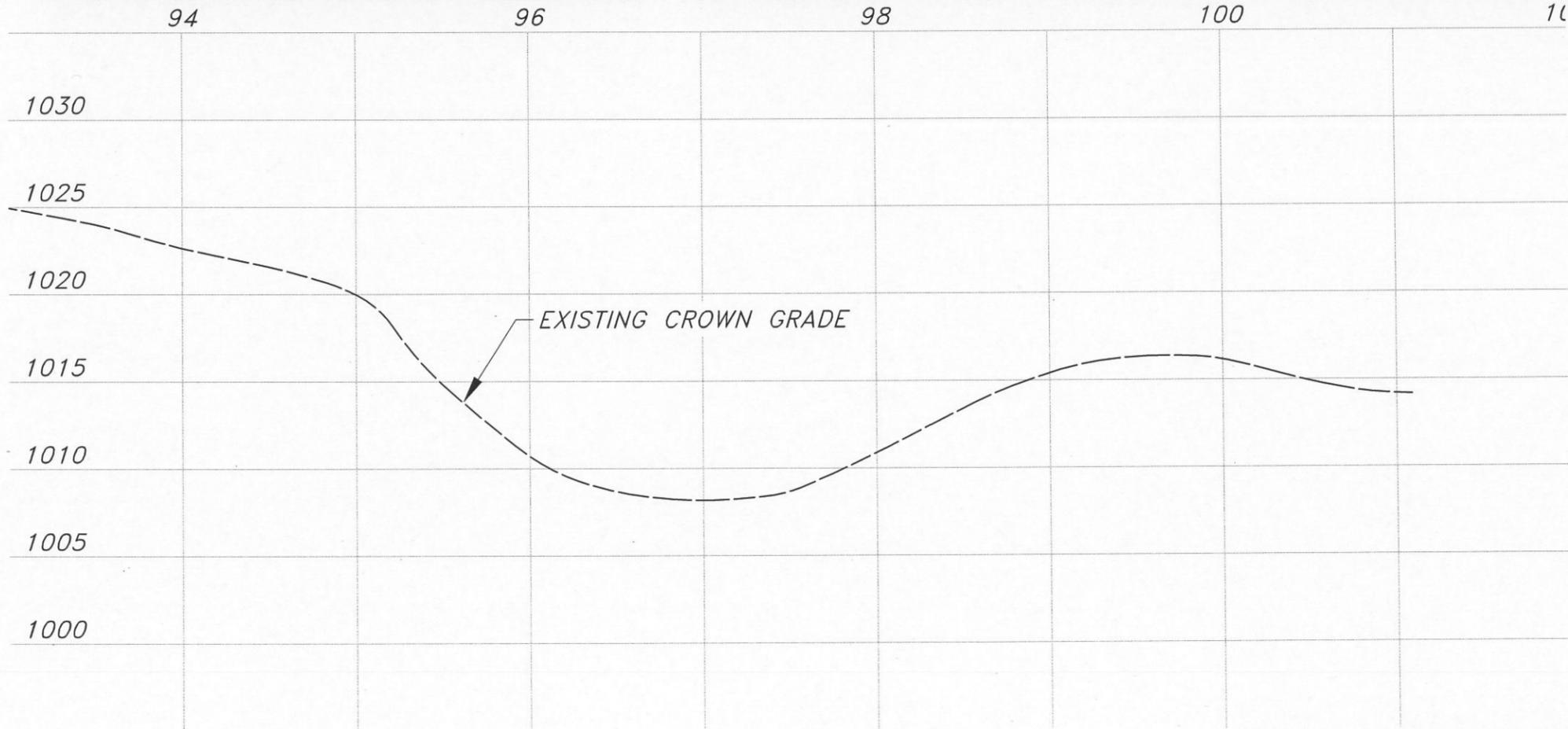
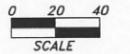
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 SCENIC DRIVE RESURFACING
 2015 HIGHWAY IMPROVEMENT PROGRAM

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SCENIC DRIVE RESURFACING

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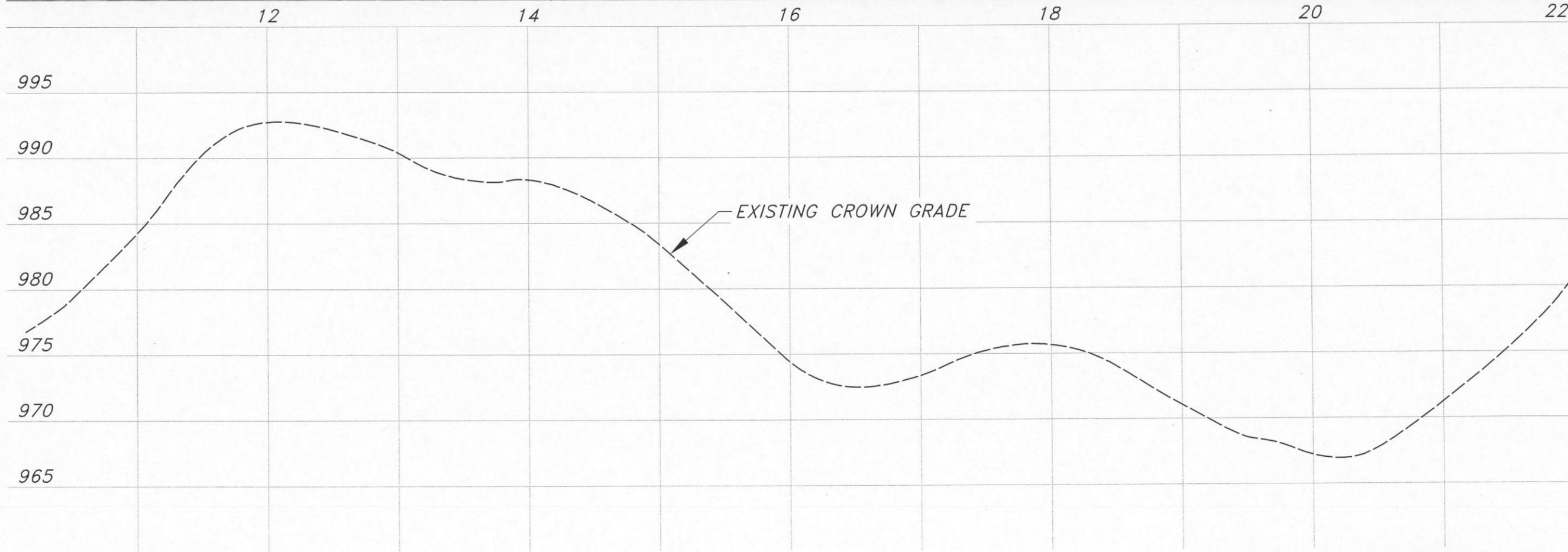
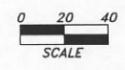
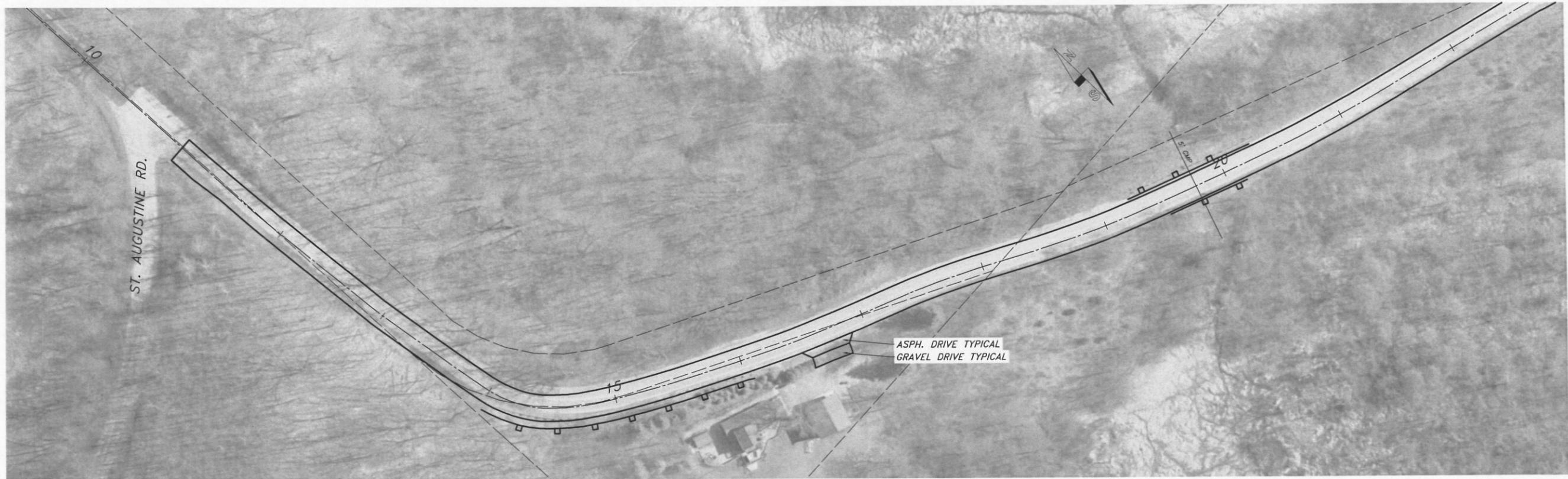
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SCALE : 1" = 40'H 4"V

PROJECT : # 2014-K048	DATE : 11/19/14	DRAWN BY : MAC
		APPROVED BY : BAO

VILLAGE OF RICHFIELD, WISCONSIN
 SCENIC DRIVE RESURFACING
 2015 HIGHWAY IMPROVEMENT PROGRAM

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SCALE : 1" = 40'H 4'V

PROJECT : # 2014-K048	DATE : 11/19/14	DRAWN BY : MAC
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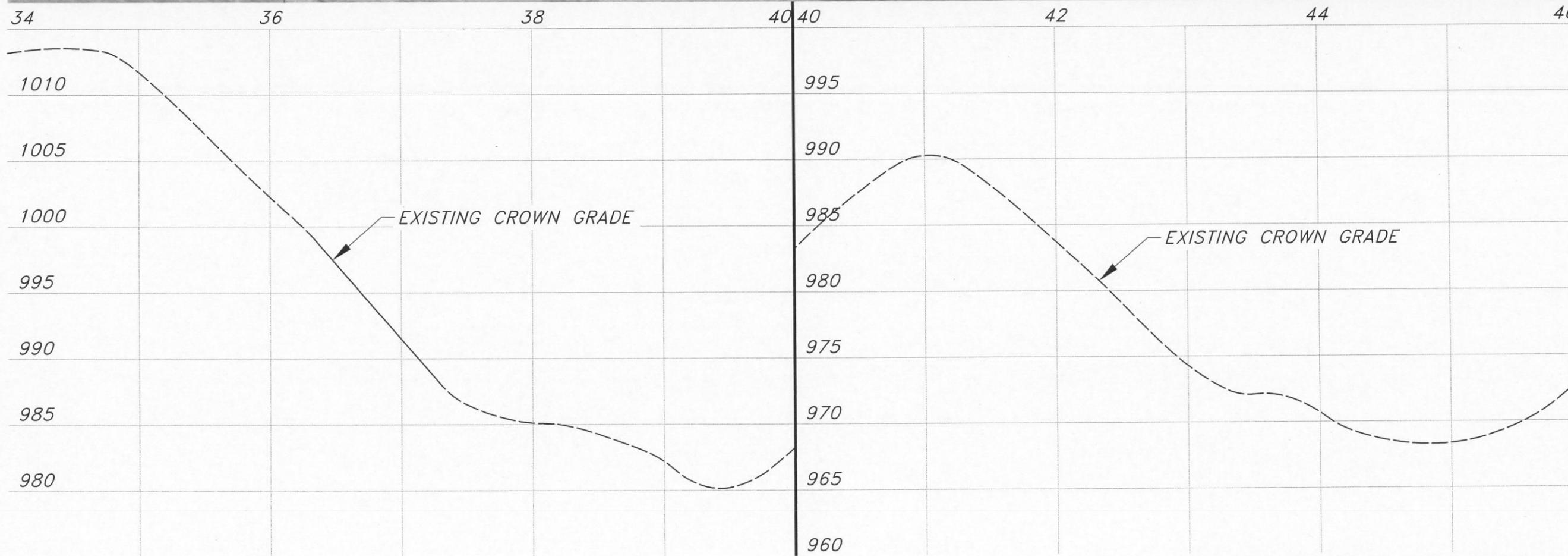
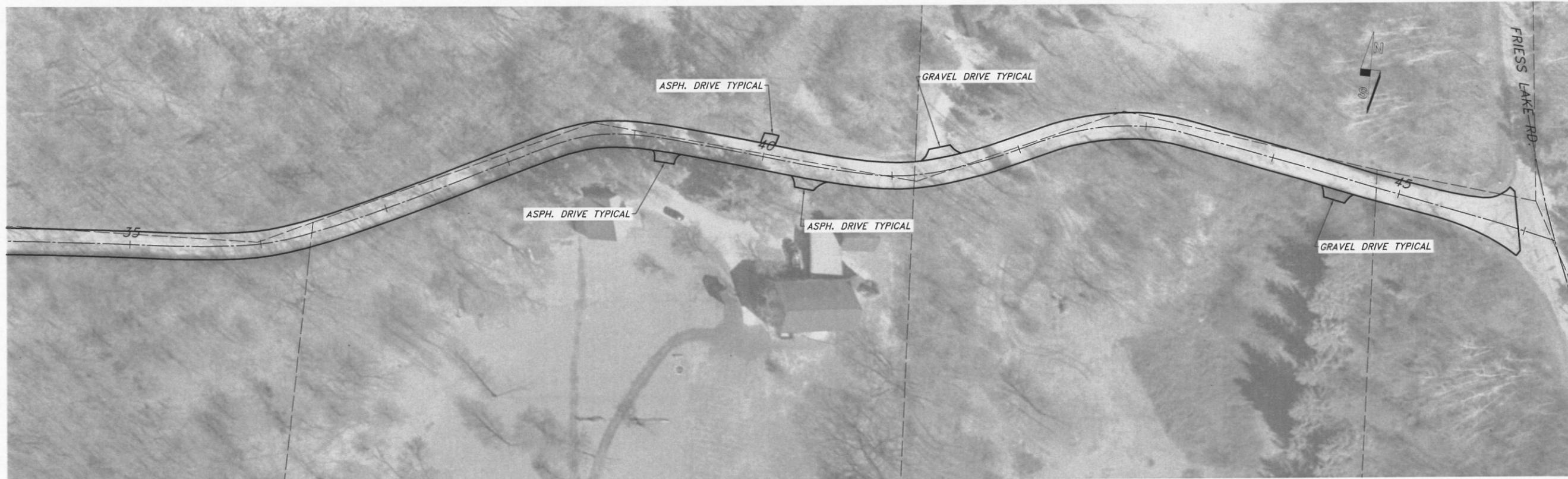
VILLAGE OF RICHFIELD, WISCONSIN
 HOGSBACH ROAD RESURFACING
 2015 HIGHWAY IMPROVEMENT PROGRAM

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HOGSBACH ROAD RESURFACING

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 SCALE : 1" = 40'H 4"V

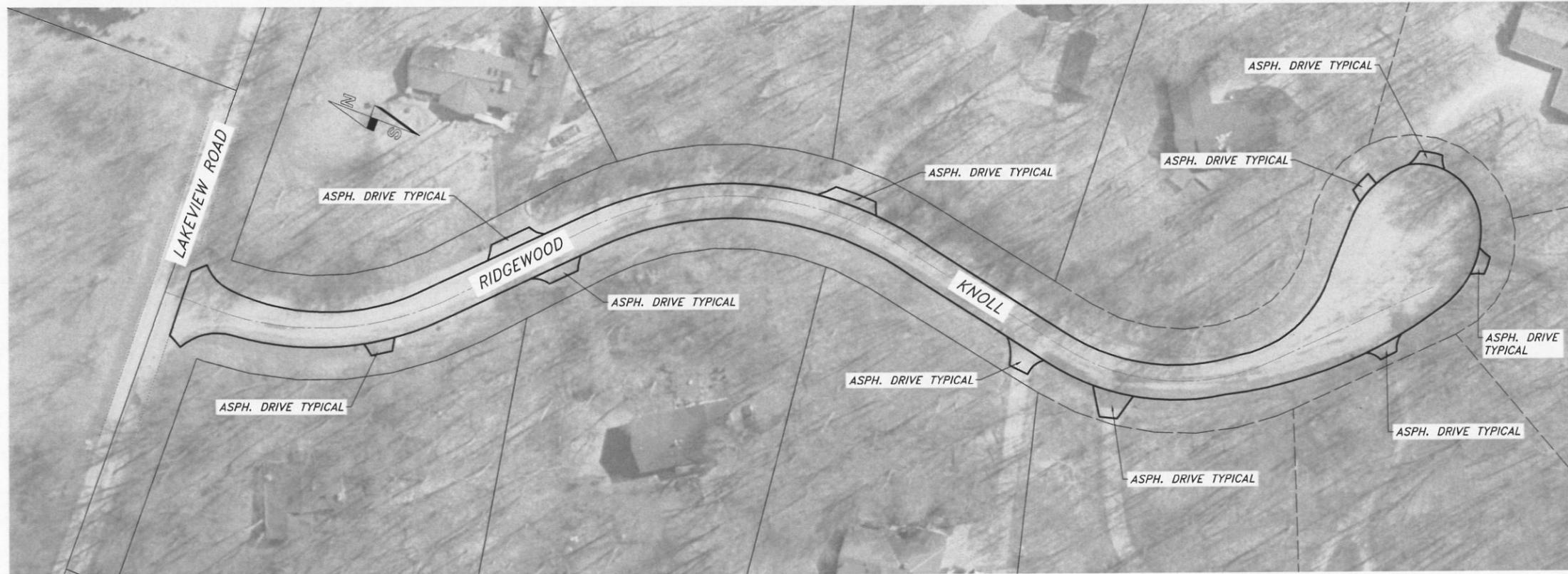
PROJECT : # 2014-K048
 DATE : 11/19/14
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VILLAGE OF RICHFIELD, WISCONSIN
 HOGSBACH ROAD RESURFACING
 2015 HIGHWAY IMPROVEMENT PROGRAM

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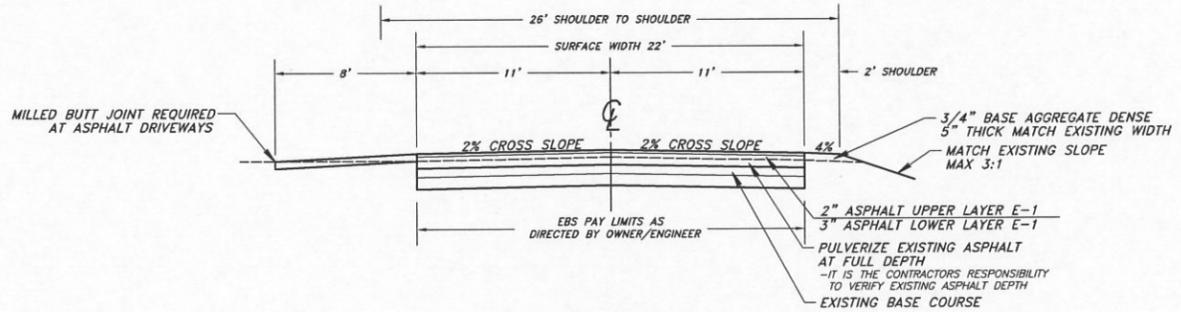
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SCALE : 1" = 40'H



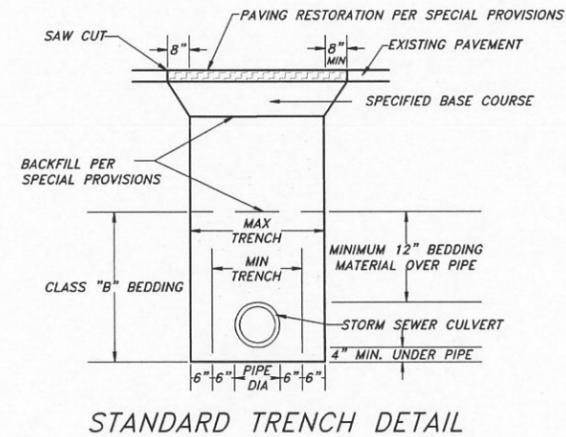
**RICHFIELD, WI
ALTERNATE RIDGEWOOD KNOLL
TYPICAL CROSS SECTION**

PROJECT : # 2014-K048
DATE : 12/18/14
DRAWN BY : MAC
APPROVED BY : BAO

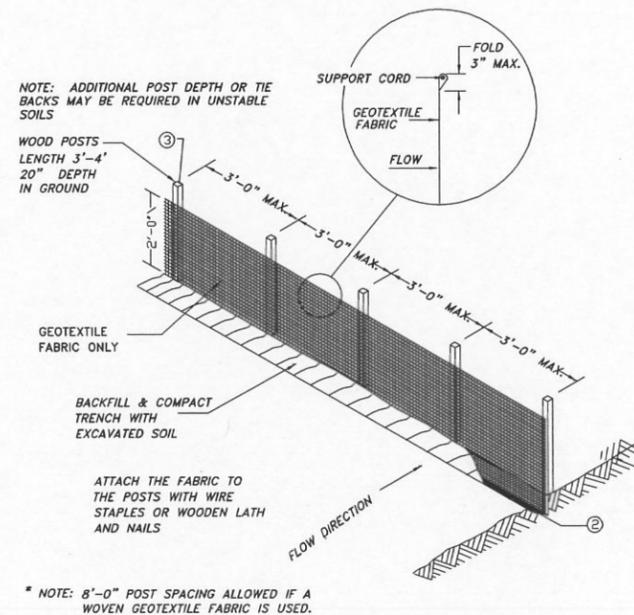
VILLAGE OF RICHFIELD, WISCONSIN
ALT. RIDGEWOOD KNOLL RESURFACING
2015 HIGHWAY IMPROVEMENT PROGRAM

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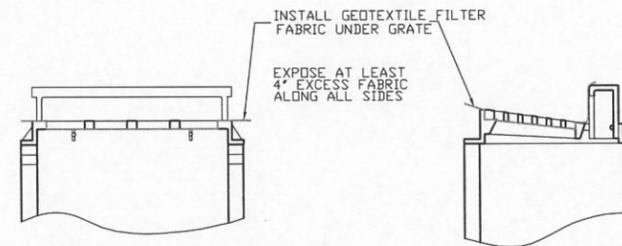
EROSION CONTROL PLAN & DETAILS



STANDARD TRENCH DETAIL



SILT FENCE
(WDR TECHNICAL STANDARD No. 1056)



NOTES: GEOTEXTILE FILTER FABRIC SHALL BE REINFORCED WITH AN INDUSTRIAL POLYPROPYLENE NETTING WITH A MAX. MESH SPACING OF 3/4\"/>

INLET PROTECTION

STANDARD EROSION CONTROL PROVISIONS

General:
Implement Erosion Control Mitigation Procedures as specified herein. Install Silt Fence where called out on the plans per the standard detail and as directed by the Engineer. The Quantity of silt fence at any location may vary based on field conditions and will be paid for at the contract unit price for silt fence. Implementation of Erosion Control Mitigation Procedures, which are not provided for on a unit cost basis, will be considered incidental to the Bid Price for the associated construction in the area.

Specific Erosion Control Mitigation Procedures shall consist of the following as applicable:

1. Refer to WDR's Stormwater web page of technical standards @ <http://dnr.wi.gov/org/water/wm/nps/stormwater/techstds.htm#Construction>
2. Construct and maintain all erosion and sediment control measures in accordance with the WDR's Stormwater web page of technical standards @ <http://dnr.wi.gov/org/water/wm/nps/stormwater/techstds.htm#Construction>
3. Install sediment control measures prior to any grading or disturbance of existing surface material. Adjust all sediment control measures to meet field conditions at the time of construction.
4. Provide weekly inspection and maintenance of all sediment control structures to ensure intended purpose is accomplished. Sediment control measures are to be in working condition at the end of each working day.
5. Inspect sediment control structures for integrity after any rainfall of 1/2\"/>

Exceptions to NR 151 Post-Construction Performance Standard

NR 151.24.1 - Generally exempts the following work:

Reconditioning or resurfacing of a highway. NR 151.24.1(c)
Per s.84.013(1)

Resurfacing means the installation of a new pavement, without improvements to road capacity or geometrics, but may include culvert replacement, clear zone improvement, and intersection improvements.
Reconditioning means work in addition to resurfacing such as pavement and shoulder widening and includes isolated improvements to address safety such as grade, alignment, or intersection work.

Minor reconstruction of a highway. NR 151.24.1(d)
Per NR 151.21(5)

Minor Reconstruction means reconstruction that is limited to 1.5 miles in continuous or aggregate length of realignment and that does not exceed 100 feet of roadbed widening.

Redevelopment transportation facility with no increase in exposed parking lots or roads. NR 151.24.1(e)

Routine maintenance of transportation facilities. NR 151.24.1(j)
If performed to maintain the original line and grade, hydraulic capacity or original use of the facility.

REVISED 12/18/14

SCALE : NTS

PROJECT : # 2014.K04B

DATE : 11/19/14

DRAWN BY : NAC

APPROVED BY : BAO

VILLAGE OF RICHFIELD, WISCONSIN
EROSION CONTROL PLAN AND DETAILS
2015 HIGHWAY IMPROVEMENT PROGRAM



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SHEET 16 OF 16