MISSOURI DEPARTMENT OF TRANSPORTATION

ROUTE 109 AT ROUTE CC
CONCEPT PLAN

WILDWOOD, MISSOURI

DESIGN DESIGNATION

FUNCTIONAL CLASSIFICATION

ROUTE 109	ROUTE CC
MAJOR COLLECTOR/ MINOR ARTERIAL	MINOR COLLECTOR/ MINOR ARTERIAL
A.D.T.-2018=14,610	A.D.T.-2018=6,920
A.D.T.-2045=18,550	A.D.T.-2045=9,760

INDEX OF SHEETS

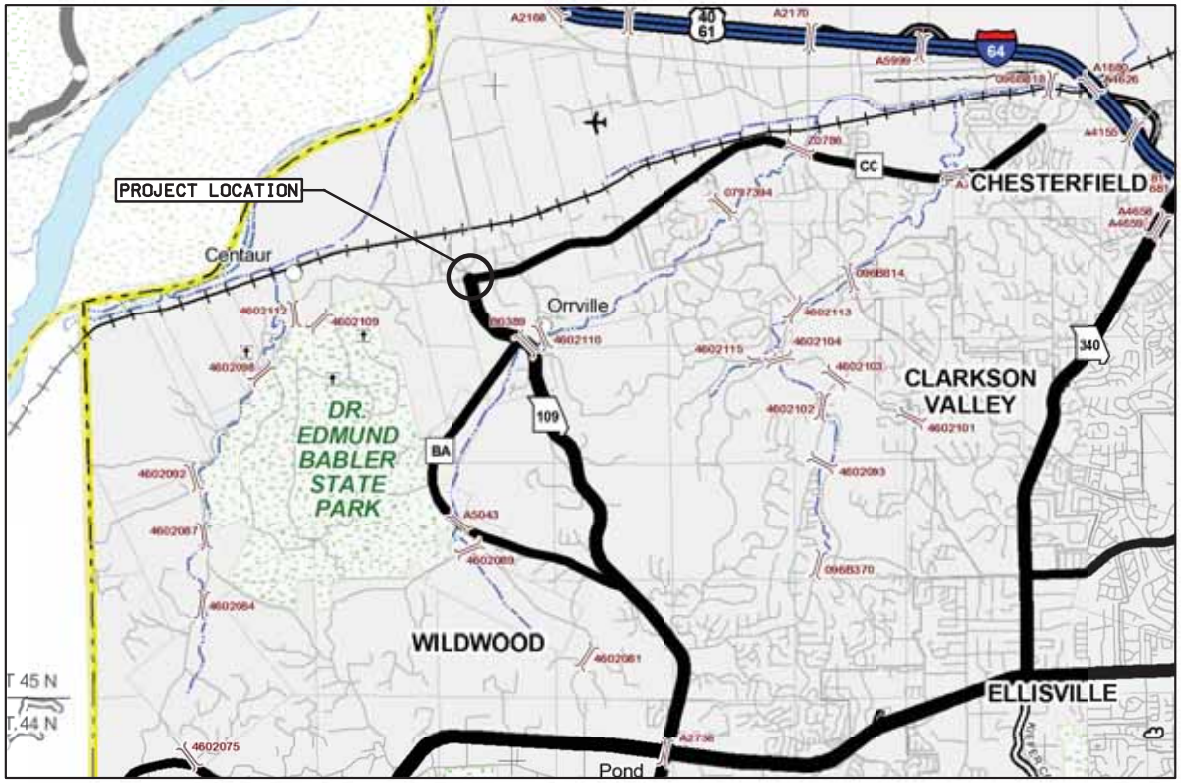
DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS	2-5
PLAN-PROFILE SHEETS	6-10
LIGHTING SHEETS	11
SIGNING AND STRIPING SHEETS	12

CONVENTIONAL SYMBOLS

(USED IN PLANS)

	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
UTILITIES		
FIBER OPTICS	—FO—	—FO—
OVERHEAD TELEPHONE		
UNDERGROUND TELEPHONE	—T—	—T—
OVERHEAD POWER		
UNDERGROUND POWER	—P—	—P—
GAS	—G—	—G—
WATER	—W—	—W—
MANHOLE	SAN	
FIRE HYDRANT	HYD	
WATER VALVE	WV	
WATER METER	WM	
DROP INLET	D	
DITCH BLOCK		
GROUND MOUNTED SIGN	SIGN	
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL	PED	
FENCE		
CHAIN LINK	—V—	
WOVEN WIRE	—X—	
GATE POST		
BENCHMARK	BM	
TO BE REMOVED	(TBR)	

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES



PROJECT LIMITS

ROUTE 109 NORTH	STA 52+15.00 TO STA 58+36.93
ROUTE 109 SOUTH	STA 60+00.00 TO STA 66+12.00
ROUTE CC WEST	STA 11+20.00 TO STA 13+56.49
ROUTE CC EAST	STA 15+00 TO STA 22+43.87
NET LENGTH OF PROJECT	2,214.29 FEET (0.42 MILES)

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE

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REVISIONS

REV	DATE	BY	DESCRIPTION

LOCHMUELLER GROUP
411 N 10TH STREET, SUITE 200
SAINT LOUIS, MISSOURI 63101
P (314) 621-3395 (314) 621-3288
www.lochmueller.com
MISSOURI STATE ENGINEERING CORPORATION CERTIFICATE/LICENSE NO. 2002011852

ROUTE 109/CC CONCEPT PLAN

COVER SHEET

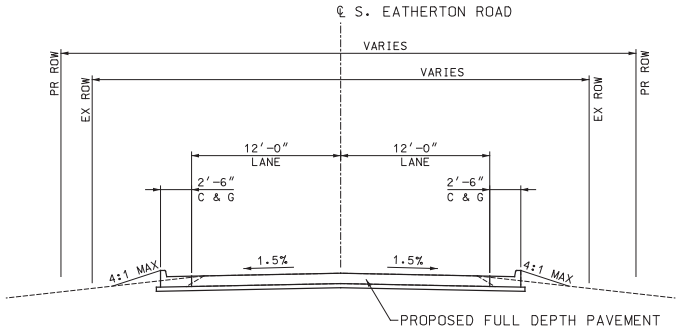
PROJECT/JOB NO. J6S3351

MSD PROJECT NO.

MSD BASE MAP

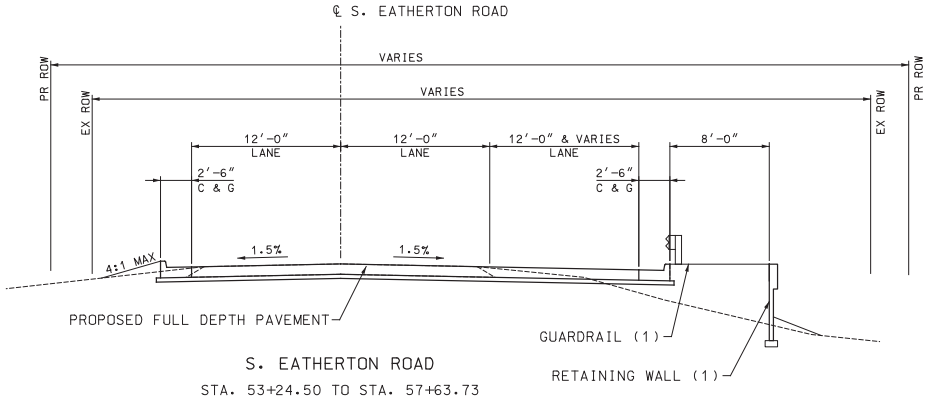
DATE PREPARED 8/2/2018

SHEET 1 OF 12



S. EATHERTON ROAD

STA. 52+14.81 TO STA. 53+24.50



S. EATHERTON ROAD

STA. 53+24.50 TO STA. 57+63.73

(1) GUARDRAIL ENDS AT STA. 56+34.78 AND
RETAINING WALL ENDS AT STA. 56+37.88

NOTE: FULL DEPTH PAVEMENT =
8" PCCP OVER 4" ROCK BASE

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ROUTE 109/CC
CONCEPT PLAN

TYPICAL SECTIONS
SHEET 1 OF 4

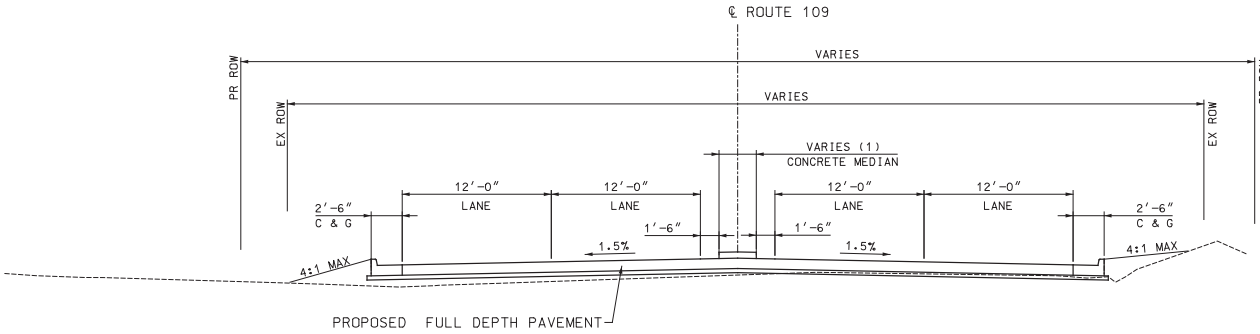
PROJECT/JOB NO.
J6S3351

MSD PROJECT NO.

MSD BASE MAP

DATE PREPARED
8/2/2018

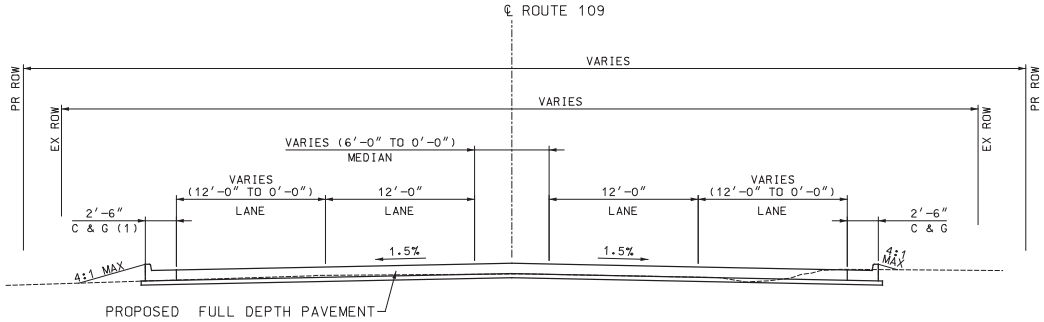
SHEET
2 OF 12



ROUTE 109

STA. 60+75.51 TO STA. 62+56.50

(1) 3'-0" FROM STA. 61+35.91 TO STA. 62+56.50



ROUTE 109

STA. 62+56.50 TO STA 66+12.33

(1) PAVED SHOULDER FROM STA. 63+10.20 TO 66+12.33

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ROUTE 109/CC
CONCEPT PLAN

TYPICAL SECTIONS
SHEET 2 OF 4

PROJECT/JOB NO.
J6S3351

MSD PROJECT NO.

MSD BASE MAP

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8/2/2018

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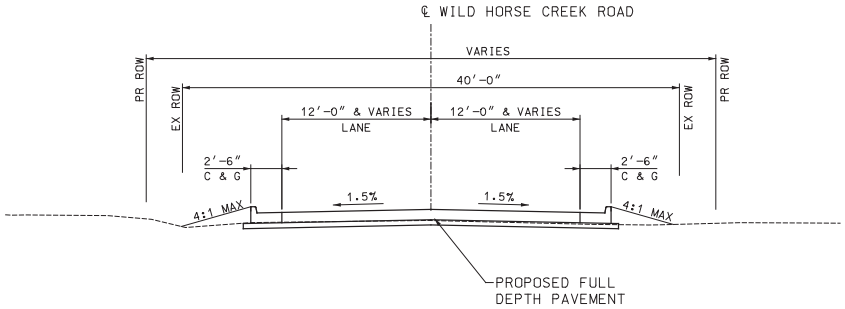
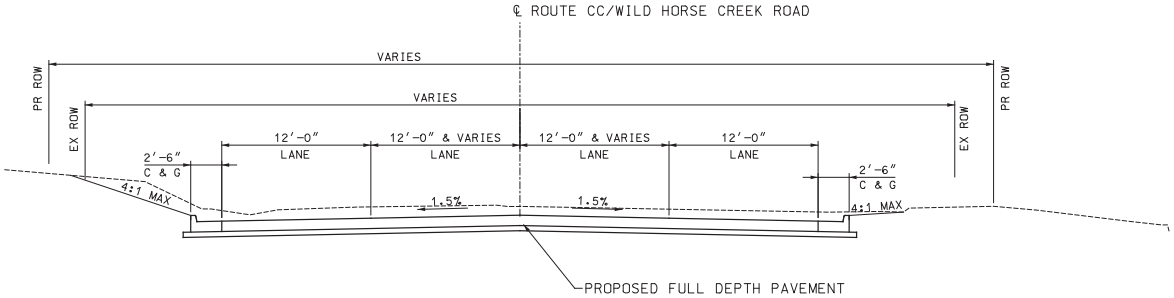


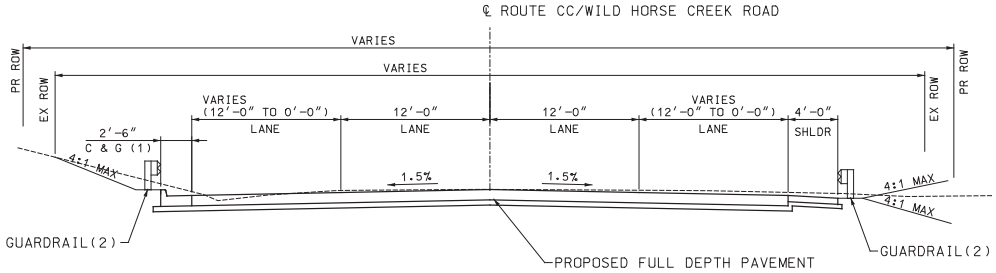
WILD HORSE CREEK ROAD

STA. 11+93.20 TO STA. 12+83.93



ROUTE CC/WILD HORSE CREEK ROAD

STA. 15+72.11 TO STA. 18+73.45



RTE CC/WILD HORSE CREEK ROAD

STA. 18+73.45 TO STA. 22+43.87

(1) CURB & GUTTER TRANSITIONS TO PAVED SHOULDER AT STA 20+89.69

(2) LT STA. 19+59.44 TO STA. 21+60.49
RT STA. 19+64.44 TO STA. 21+59.34

NOTE: FULL DEPTH PAVEMENT =
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ROUTE 109/CC
CONCEPT PLAN

TYPICAL SECTIONS
SHEET 3 OF 4

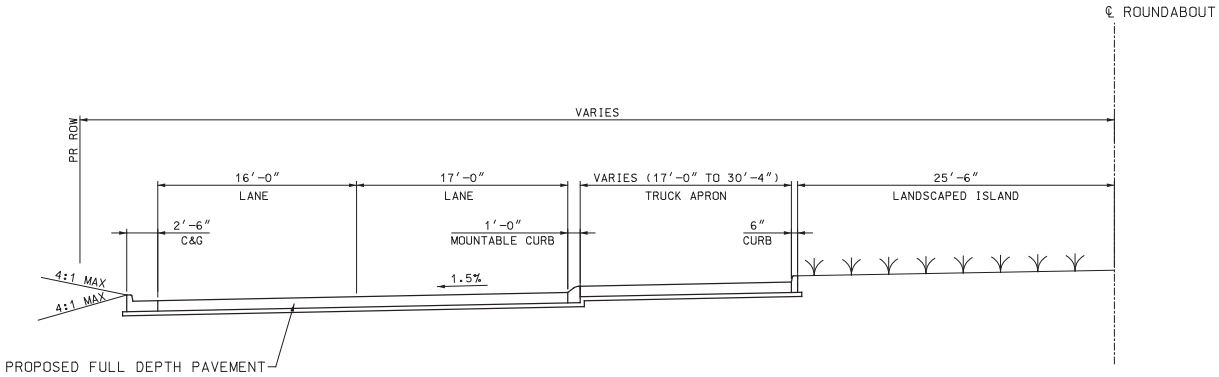
PROJECT/JOB NO.
J6S3351

MSD PROJECT NO.

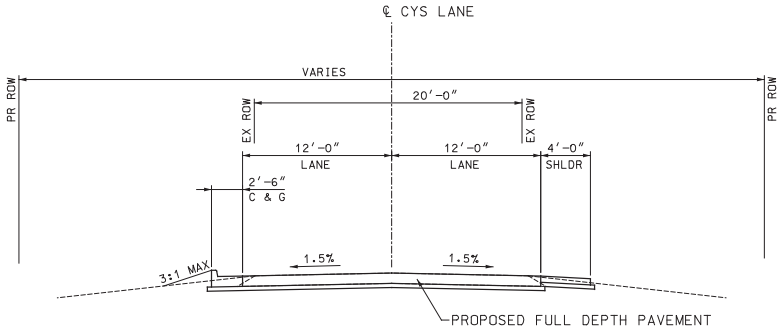
MSD BASE MAP

DATE PREPARED
8/2/2018

SHEET
4 OF 12



ROUNDABOUT RADIUS SECTION
ROUTE 109-CC



CYS LANE (LOOKING NORTH)

NOTE: FULL DEPTH PAVEMENT =
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TYPICAL SECTIONS
SHEET 4 OF 4

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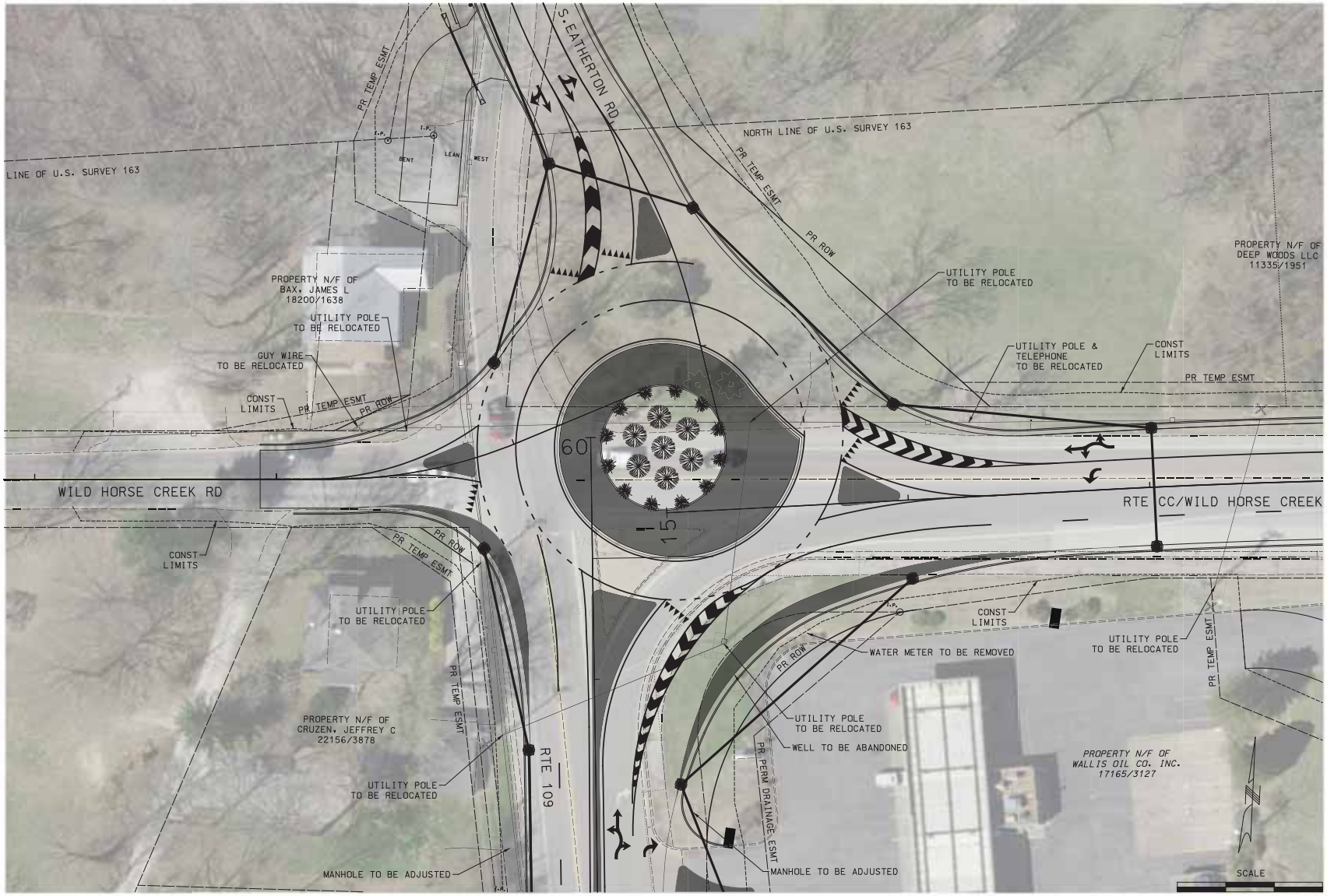

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ROUTE 109/CC
CONCEPT PLAN

PLAN AND PROFILE
SHEET 1 OF 5

PROJECT/JOB NO.
J6S3351

MSD PROJECT NO.

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8/2/2018

SHEET
6 OF 12

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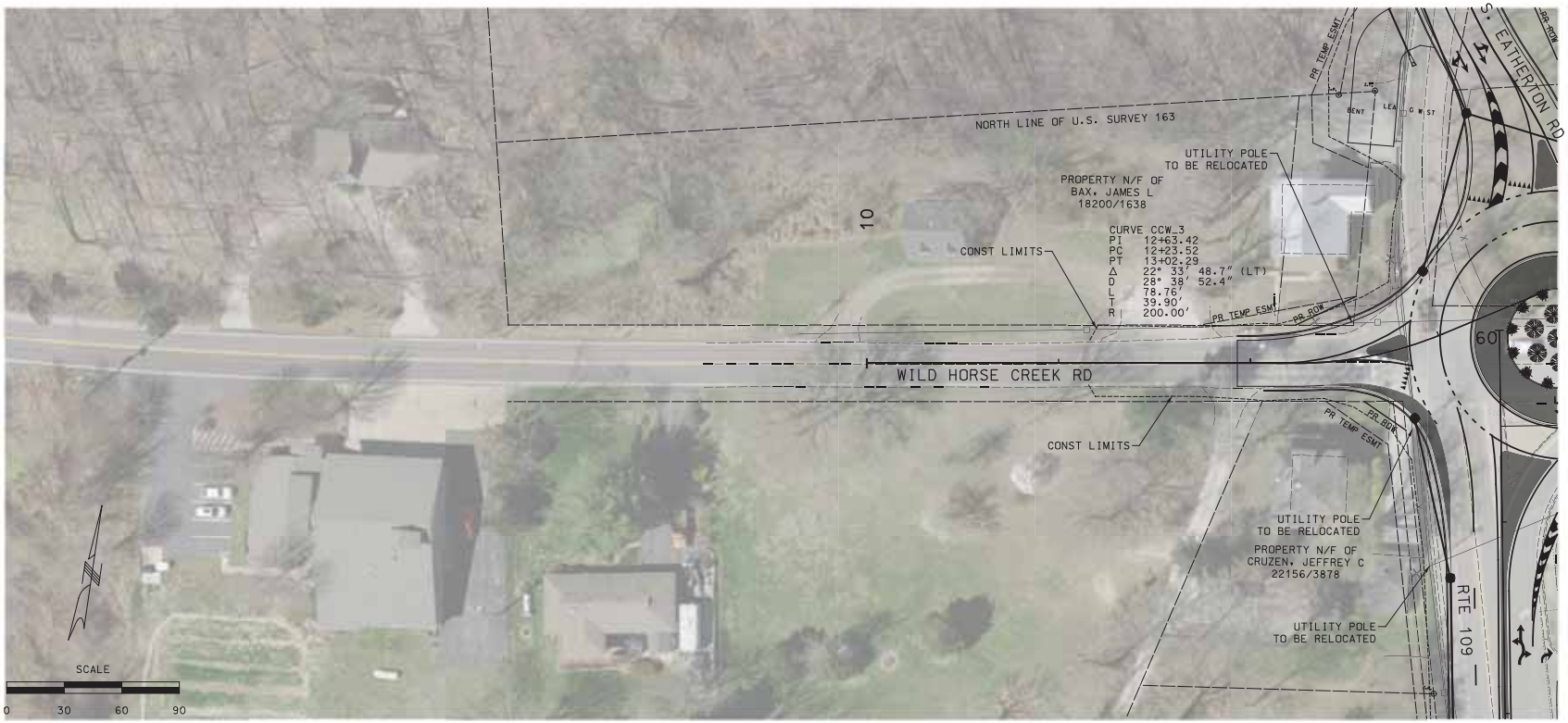

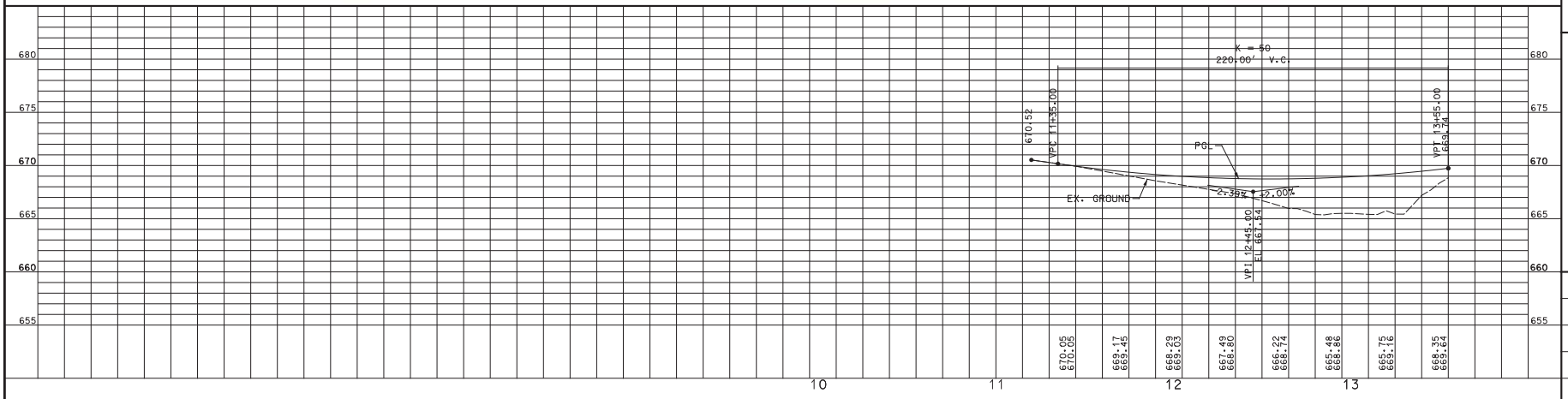

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PLAN AND PROFILE
SHEET 2 OF 5

PROJECT/JOB NO.
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MSD PROJECT NO.

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8/2/2018

SHEET
7 OF 12

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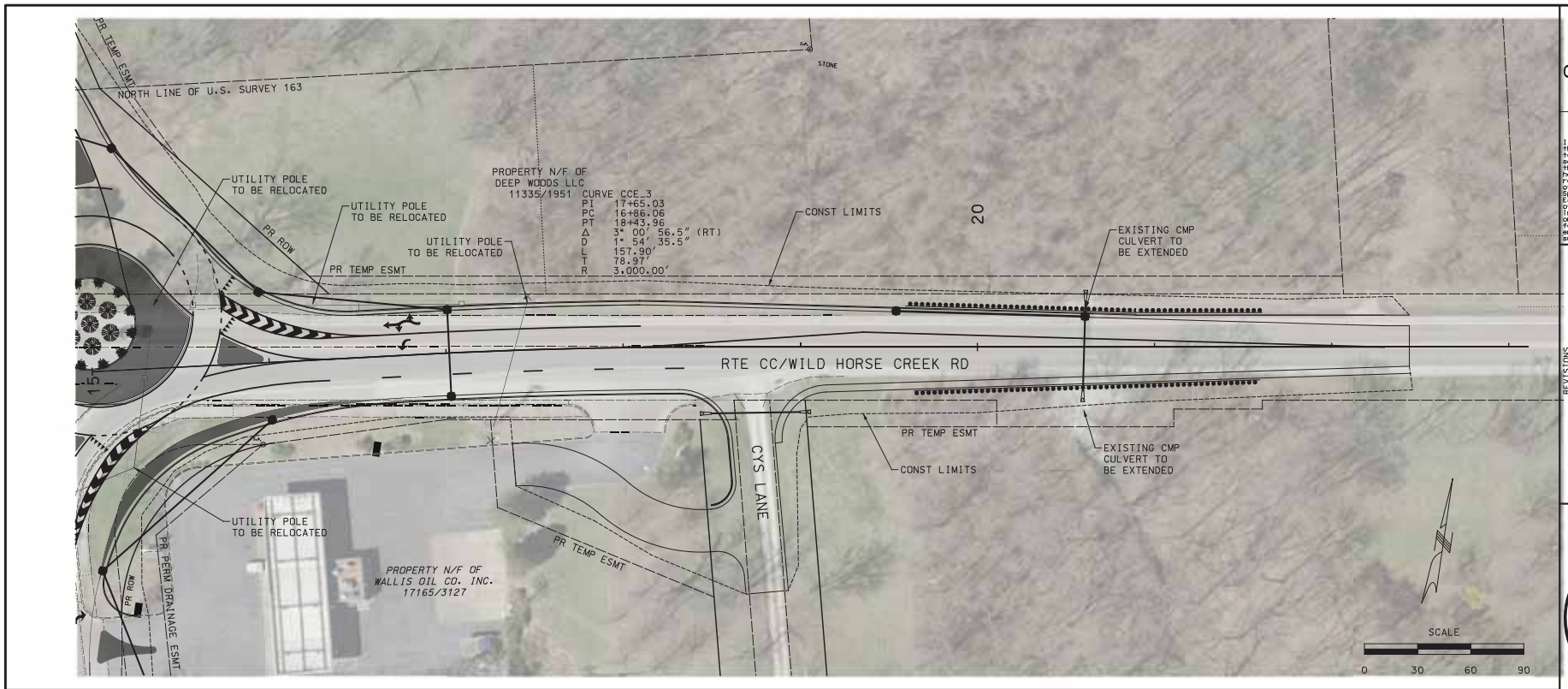

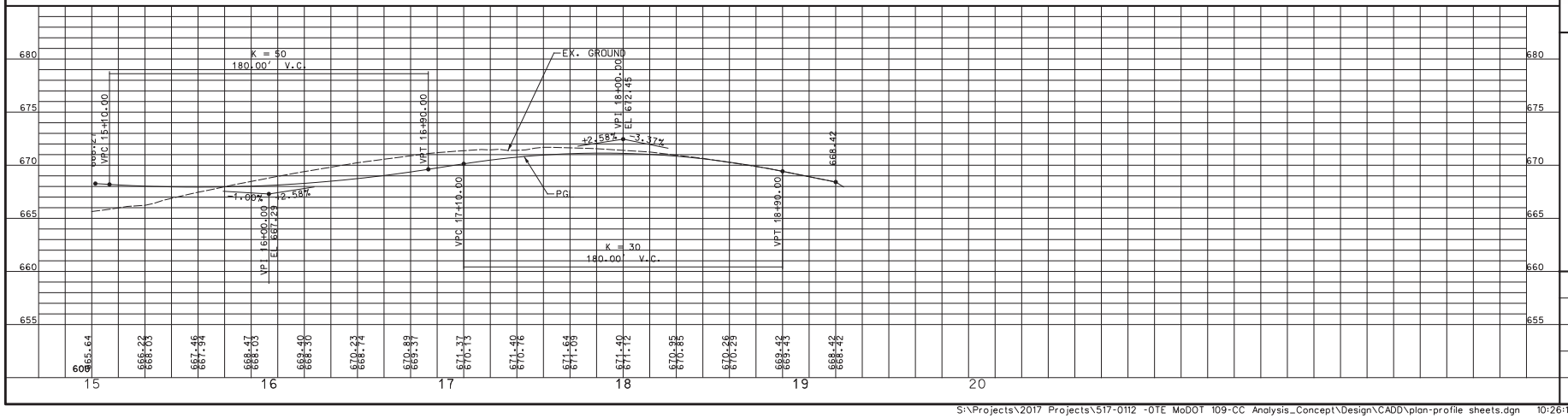

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ROUTE 109/CC CONCEPT PLAN

PLAN AND PROFILE SHEET 3 OF 5

PROJECT/JOB NO. J6S3351

MSD PROJECT NO.

MSD BASE MAP

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SHEET 8 OF 12

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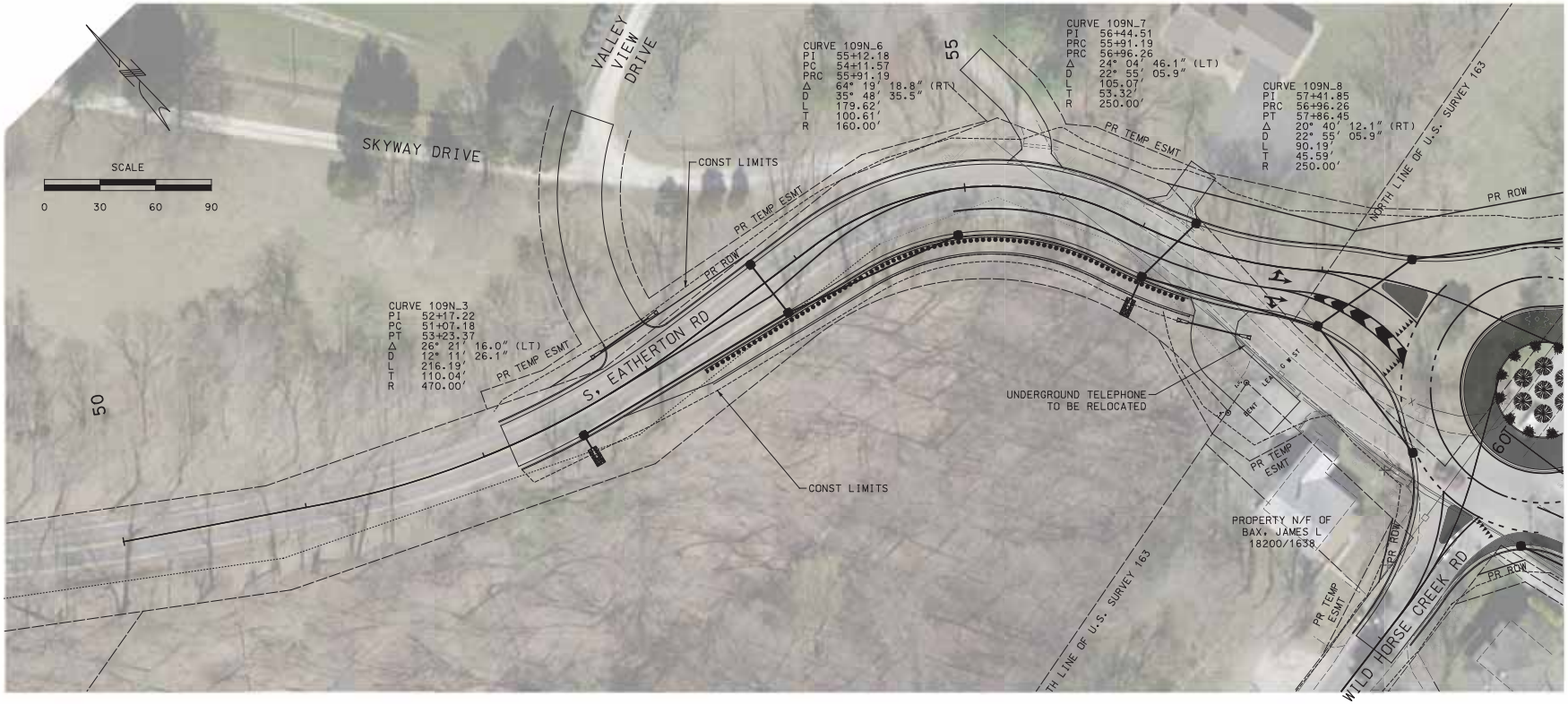

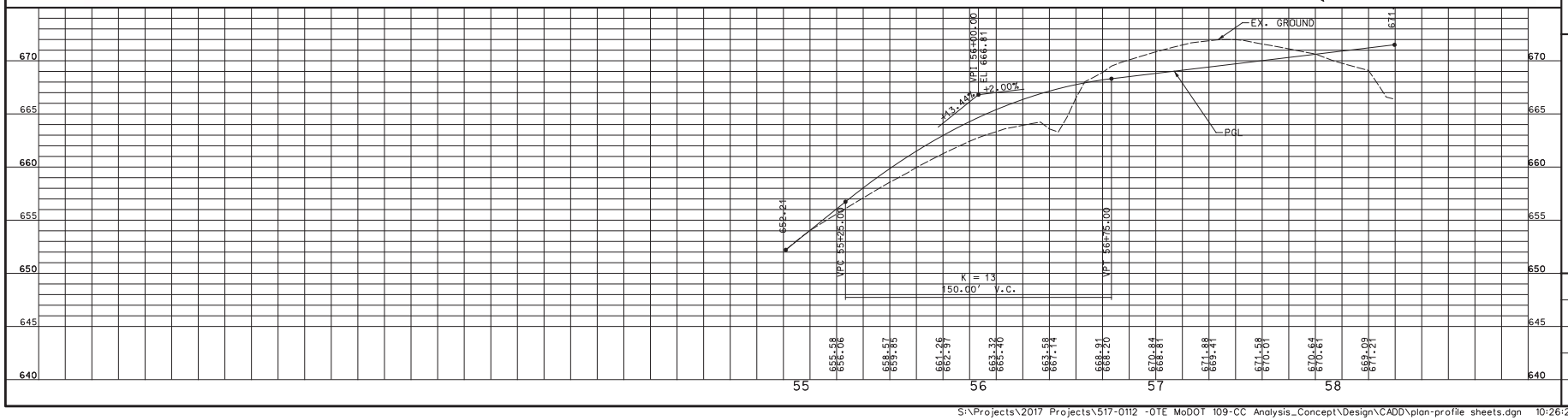

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ROUTE 109/CC CONCEPT PLAN

PLAN AND PROFILE SHEET 4 OF 5

PROJECT/JOB NO. J6S3351

MSD PROJECT NO.

MSD BASE MAP

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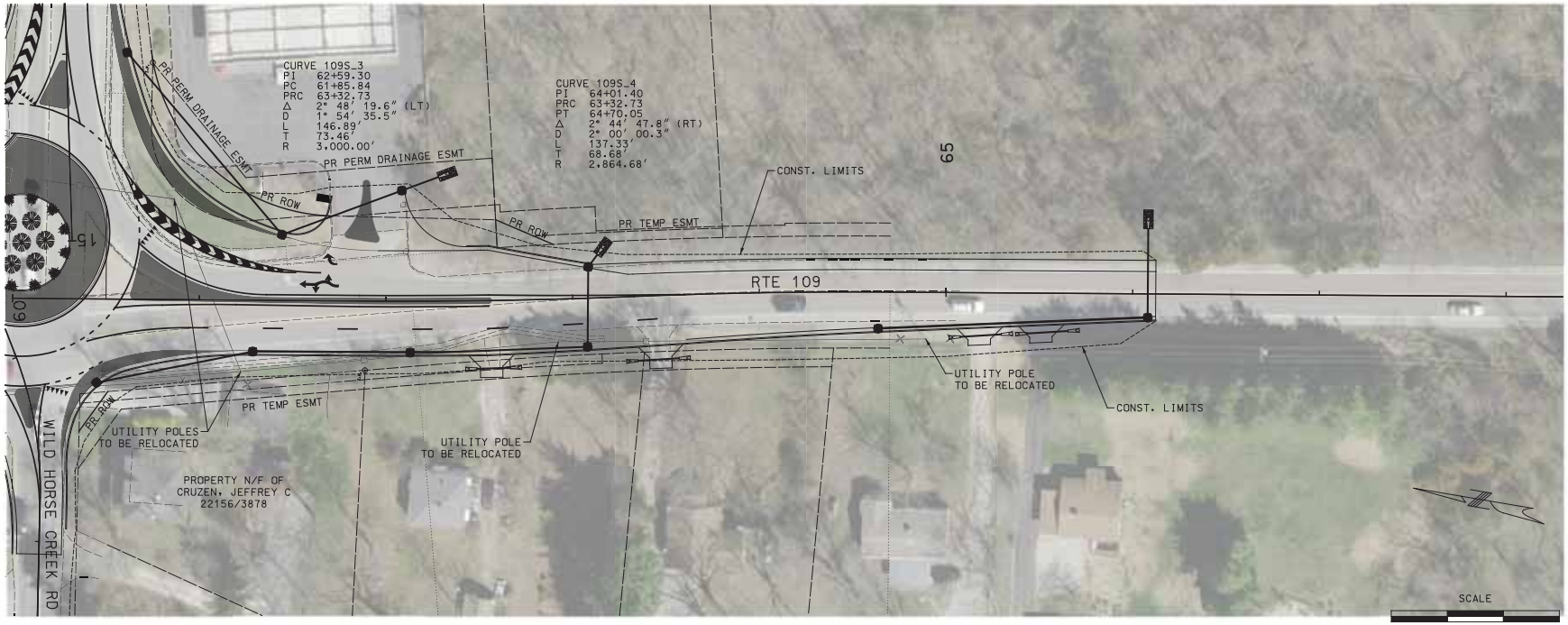
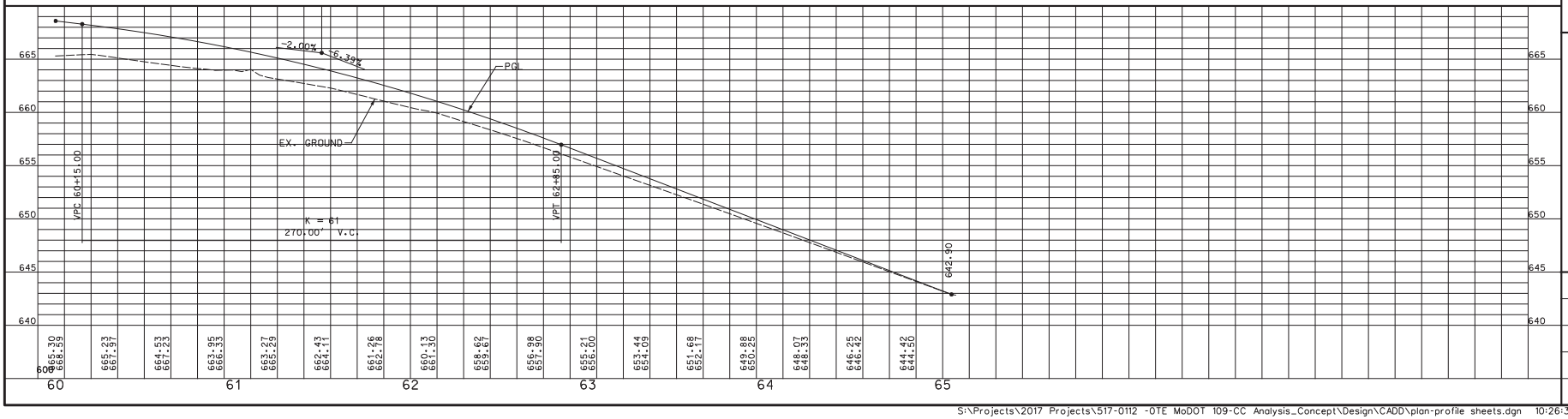
SHEET 9 OF 12

RTE CC/
WILD HORSE
CREEK RD





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PLAN AND PROFILE
SHEET 5 OF 5

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LIGHTING LEGEND

	CONTROLLER, LIGHTING		103 W LED LUMINAIRE
	CONTROLLER, LIGHTING (EXISTING)		170 W LED LUMINAIRE
	WOOD POST		PULL BOX (EXISTING)
	POWER SOURCE		PULL BOX CONCRETE TYPE 2
	PULL BOX CONCRETE TYPE 1		PULL BOX PREFORMED TYPE 2
	PULL BOX PREFORMED TYPE 1		CABLE-CONDUIT (EXISTING)
	CONDUIT, RIGID (TRENCH)		CONDUIT, RIGID (PUSHED)
	CONDUIT, RIGID (EXISTING)		CABLE-CONDUIT

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ROUTE 109/CC CONCEPT PLAN

LIGHTING SHEET 1 OF 1

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SHEET 11 OF 12

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ROUTE 109/CC CONCEPT PLAN

SIGNING AND STRIPING SHEET 1 OF 1

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MSD PROJECT NO.

MSD BASE MAP

DATE PREPARED 8/2/2018

SHEET 12 OF 12