

04-29-2022 LETTING ITEM 192

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 902	19-00047-00-RS	HARDIN	9	1
GARDEN OF GODS ROAD				
PROJECT CEDC(041)   JOB NO. C-99-032-20				

PLANS FOR PROPOSED

**HARDIN COUNTY**

FUNCTIONAL CLASS, MAJOR COLLECTOR  
ADT (2018): 350

INDEX OF SHEETS

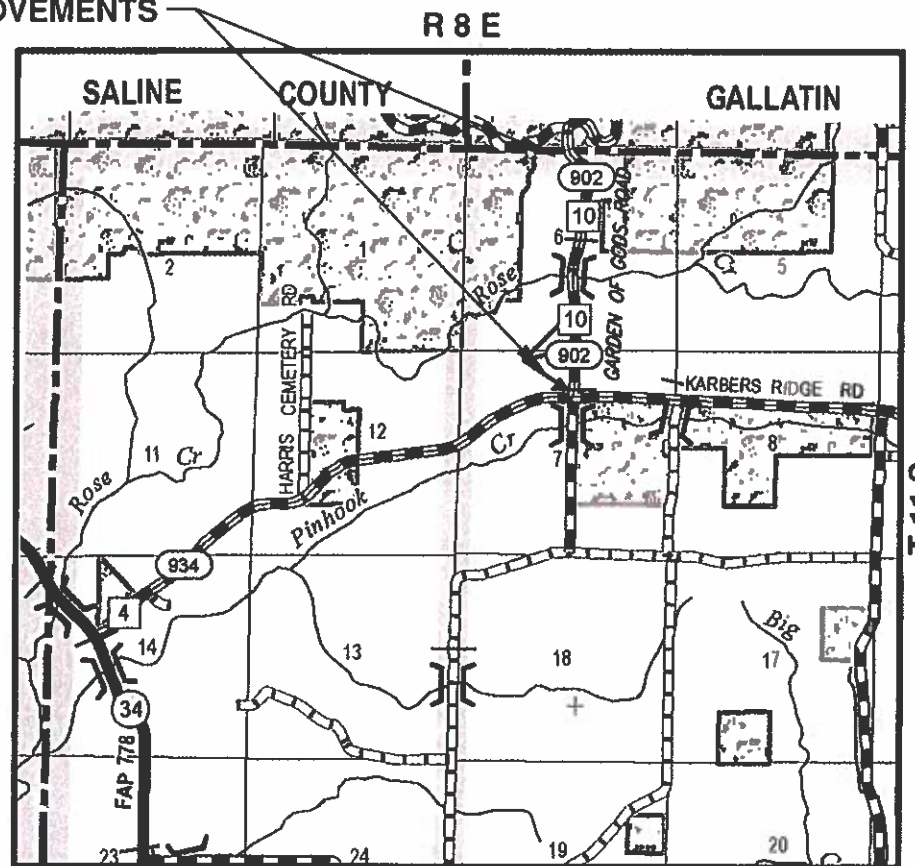
- 1 COVER SHEET
- 2 SUMMARY OF QUANTITIES & TYPICAL SECTIONS
- 3 CONSTRUCTION SCHEDULES & TYPICAL DETAILS
- 4-9 PLAN VIEWS

GARDEN OF GODS ROAD (FAS 902)  
(FROM KARBERS RIDGE ROAD TO HARDIN/GALLATIN COUNTY LINE)  
SECTION 19-00047-00-RS  
PROJECT CEDC(041)  
JOB NO. C-99-032-20

STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBR, PATTERNS
- 001006 DECIMAL OF AN INCH AND FOOT
- 482001-02 HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
- 606101-05 TYPE A GUTTER (INLET, OUTLET AND ENTRANCE)
- 701011-04 TRAFFIC CONTROL
- 701201-05 TRAFFIC CONTROL
- 701301-04 TRAFFIC CONTROL
- 701306-04 TRAFFIC CONTROL
- 701311-03 TRAFFIC CONTROL
- 701901-08 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-04 SIGN PANEL ERECTION DETAILS
- 728001-01 TELESCOPING STEEL SIGN SUPPORT
- 780001-05 TYPICAL PAVEMENT MARKINGS
- BLR 21-9 TYP. APPLICATION OF TRAFFIC CONTROL DEVICES
- BLR 24-2 MAILBOX TURNOUT FOR LOCAL ROADS

PROPOSED IMPROVEMENTS



LOCATION MAP  
LENGTH OF IMPROVEMENTS = 6,743 FT. = 1.277 MI.  
STA 1+50 TO STA 68+93  
STRUCTURE STA 32+43 TO STA 33+29



LOCATION OF SECTION INDICATED THUS -

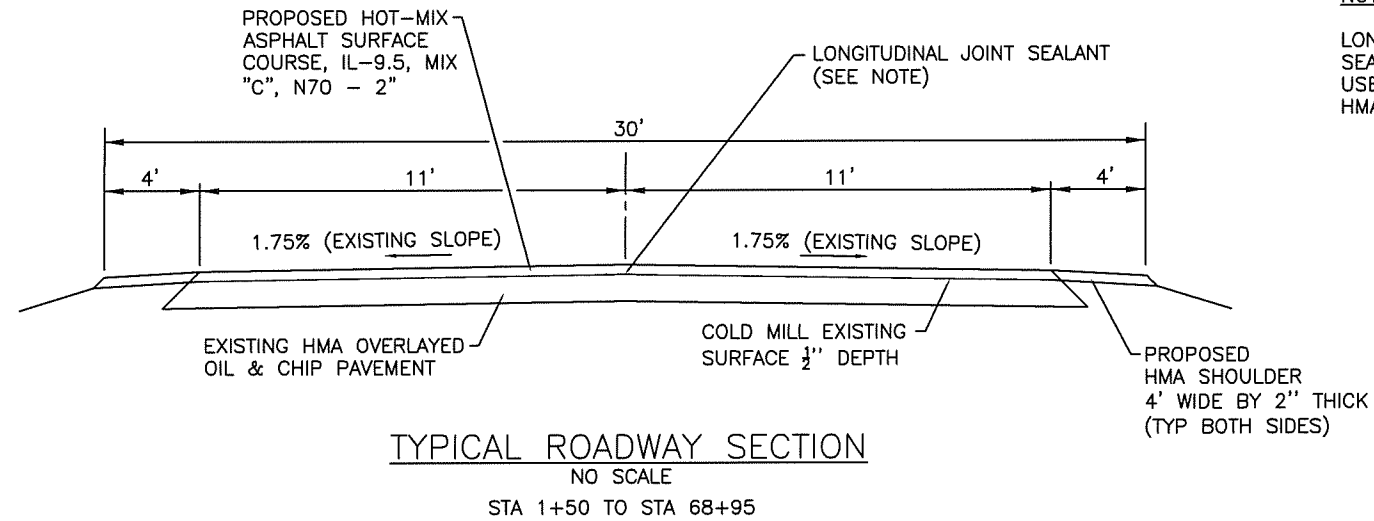
*Jim*  
  
**J.W. BROWN**  
 PRESIDENT  
 184-002518  
 Jim W. Brown as President of Brown & Roberts, Inc.  
 Illinois Professional Design Firm  
 Land Survey & Engineering Corporation  
 Number 184-002518  
 Expires April 30, 2023  
 Date: 1/14/2022

HARDIN COUNTY	
APPROVED	1/14/2022 DATE <i>Justin Hastie</i> JUSTIN HASTIE, HARDIN COUNTY ENGINEER
PASSED	2/23/22 DATE <i>Stephanie</i> DISTRICT 8 ENGINEER OF LOCAL ROADS & STREETS
RELEASING FOR BID BASED ON LIMITED REVIEW	<i>Stephanie</i> DH DATE 2/23/22 ACTING REGION FIVE ENGINEER

**BROWN & ROBERTS, INC.**  
CONSULTING ENGINEERS & LAND SURVEYORS  
1 WESTRIDGE ROAD HARRISBURG, IL 62948 (618) 252-8111

BRI JOB NO. 19-124 **CONTRACT NO. 99684**

STREET NAME	PROJECT NO.	JOB NO.	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
GARDEN OF GODS ROAD	CEDC(041)	C-99-032-20	FAS 902	19-00047-00-RS	HARDIN	9	2

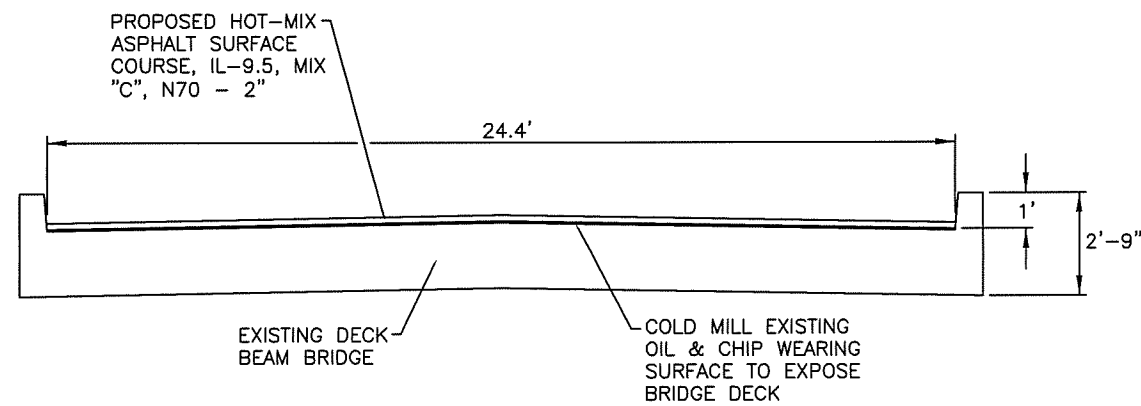


NOTE:  
LONGITUDINAL JOINT SEALANT SHALL BE USED UNDER THE HMA SURFACE COURSE.

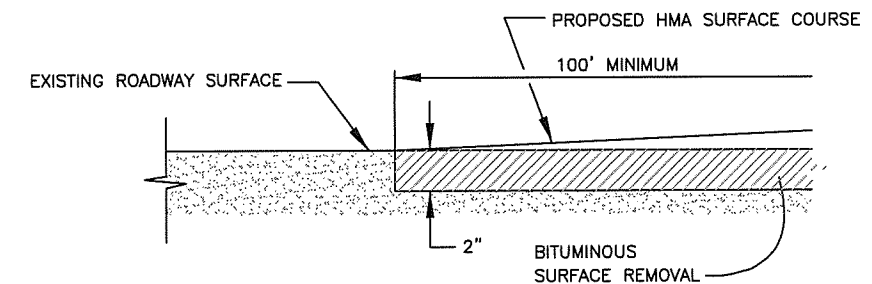
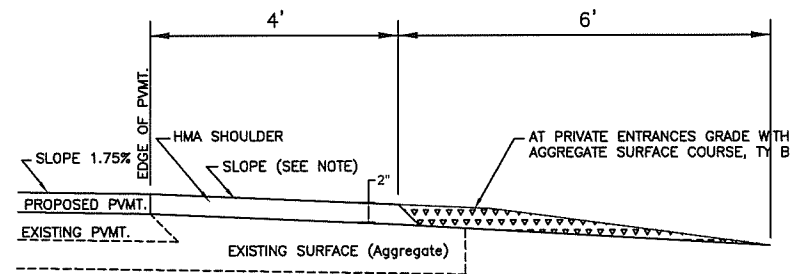
SUMMARY OF QUANTITIES

ITEM NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
*X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
*Z0011500	COLD MILLING EXISTING SURFACE	SQ YD	16,519
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	40
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	7,546
40600370	LONGITUDINAL JOINT SEALANT	FOOT	6,743
40604052	HOT MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	1,972
48203100	HOT-MIX ASPHALT SHOULDERS	TON	666
58100200	WATERPROOFING MEMBRANE SYSTEM	SQ YD	230
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	9
67100100	MOBILIZATION	L SUM	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	670
△ 72000100	SIGN PANEL - TYPE 1	SQ FT	89
△ 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	103
△ 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	20,765
△ 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	11

△ SPECIALTY ITEMS



NOTE:  
SHOULDER SLOPE SHALL BE ADJUSTED AS PER IDOT STANDARD 482001-02



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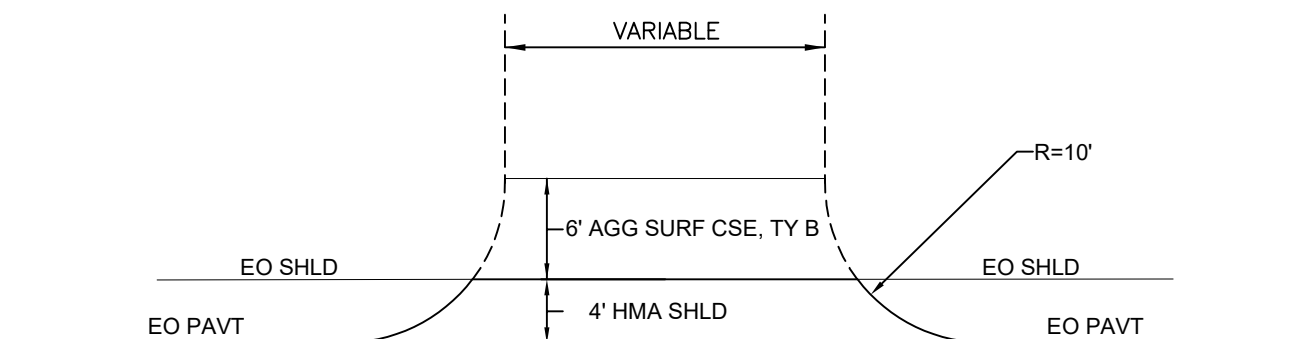
SCHEDULE OF NO PASSING ZONES			
SOUTHBOUND	LENGTH (FT)	NORTHBOUND	LENGTH (FT)
Sta. 08+85 to Sta. 18+55	970	Sta. 01+75 to Sta. 10+35	860
Sta. 24+45 to Sta. 31+00	655	Sta. 16+25 to Sta. 21+80	555
Sta. 39+90 to Sta. 48+90	900	Sta. 31+80 to Sta. 40+85	905
Sta. 60+80 to Sta. 68+95	815	Sta. 53+65 to Sta. 68+95	1530
TOTALS (FT)	3340		3850

SCHEDULE OF PRIVATE ENTRANCES			
LOCATION Sta.	WIDTH ft.	AGG SURF CSE TY B	
01+85 Rt.	70	3.9	
07+00 Rt.	28	1.7	
09+50 Rt.	56	3.2	
09+85 Lt.	32	1.9	
11+00 Rt.	27	1.7	
12+50 Lt.	24	1.5	
16+10 Rt.	44	2.6	
22+50 Rt.	26	1.6	
27+25 Rt.	24	1.5	
39+60 Rt.	66	3.7	
46+85 Lt.	37	2.2	
53+40 Lt.	78	4.3	
57+70 Lt.	30	1.8	
60+70 Lt.	38	2.2	
TOTAL	580	33.8	

SIGNING SCHEDULE								
LOCATION STA.	SIGN ID NO.	SIZE	DESCRIPTION	QTY.	AREA (Ea)	SIGN PANEL TYPE 1 (SQ FT)	TELESCOPING STEEL POST (FOOT)	
66+85 to 58+65	** W1-8	18" X 24"	CHEVRON	16	3.0	48.0	15.5	
54+80	RT W1-5L	30' X 30"	WINDING ROAD	1	6.3	6.3	17.5	
54+80	RT W13-1(30)	18" X 18"	ADVISORY SPEED	1	2.3	2.3	17.5	
5+25	LT W3-1a	30' X 30"	STOP AHEAD	1	6.3	6.3	17.5	
1+50	LT R1-1	30' X 30"	STOP	1	6.3	6.3	17.5	
VARIOUS (6)	* W14-3	40" X 30"	NO PASSING	5	3.9	19.5	17.5	
TOTALS						88.7	103.0	

\* SEE SCHEDULE OF "NO PASSING ZONES" FOR SIGN LOCATIONS.

\*\* "CHEVRON" SIGNS ARE TO BE PLACED 100' APART AT LOCATIONS DETERMINED BY THE RESIDENT ENGINEER.





PRIVATE ENTRANCE DETAILS  
NO SCALE

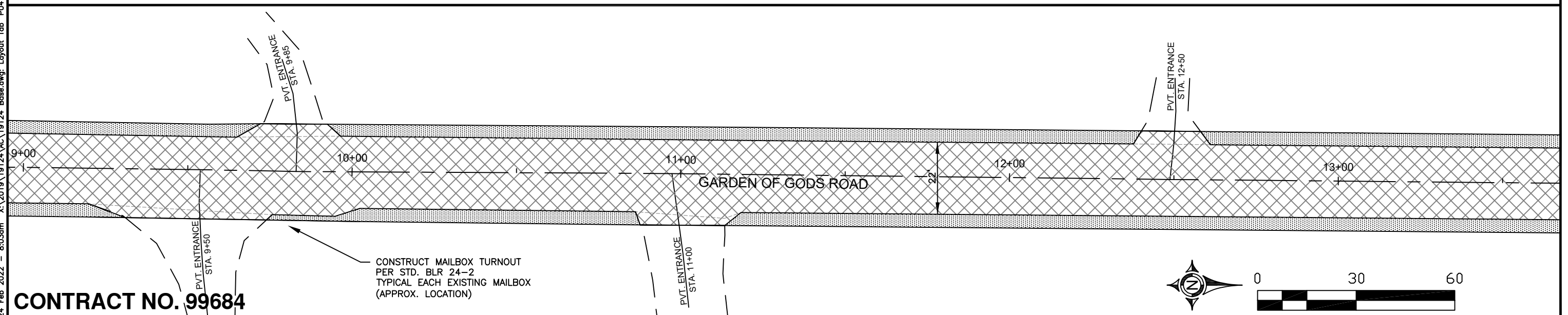
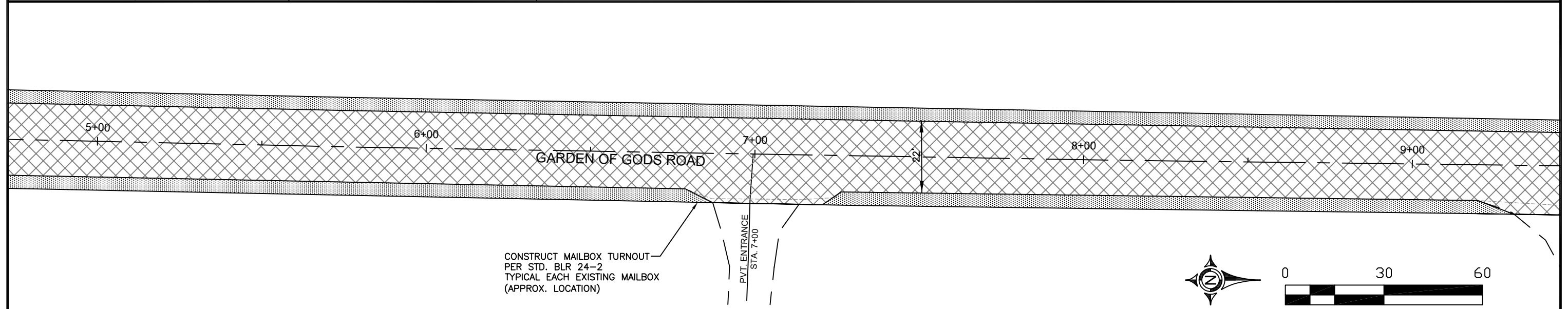
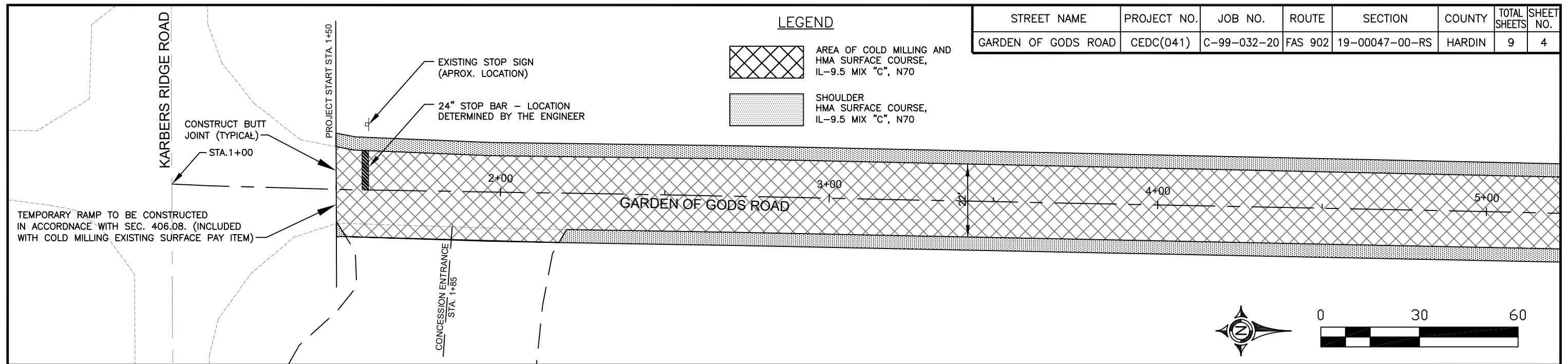
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GARDEN OF GODS ROAD	CEDC(041)	C-99-032-20	FAS 902	19-00047-00-RS	HARDIN	9	4

**LEGEND**


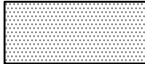
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-  SHOULDER HMA SURFACE COURSE, IL-9.5 MIX "C", N70



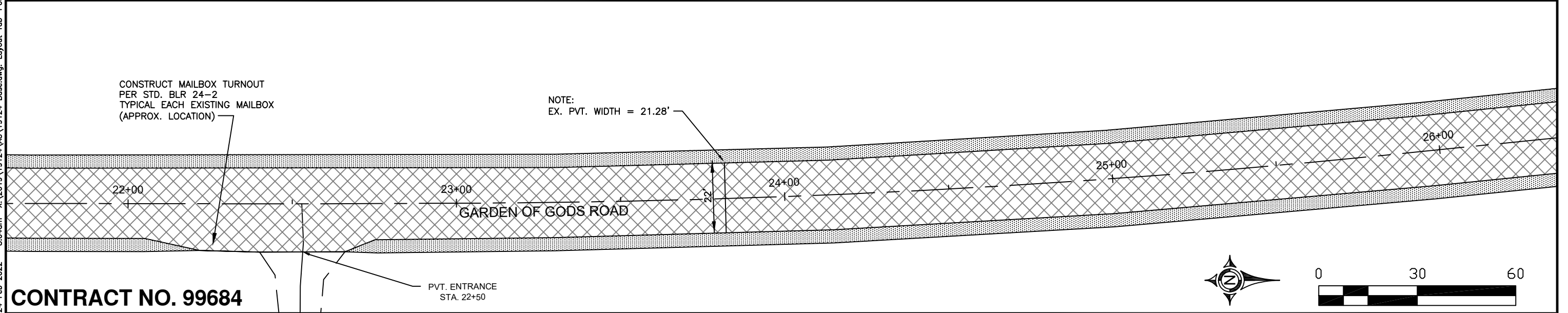
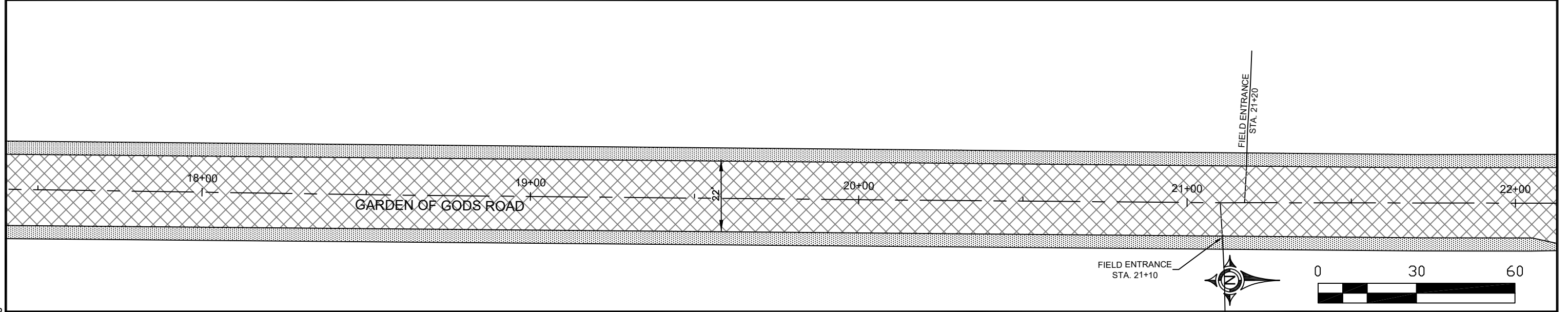
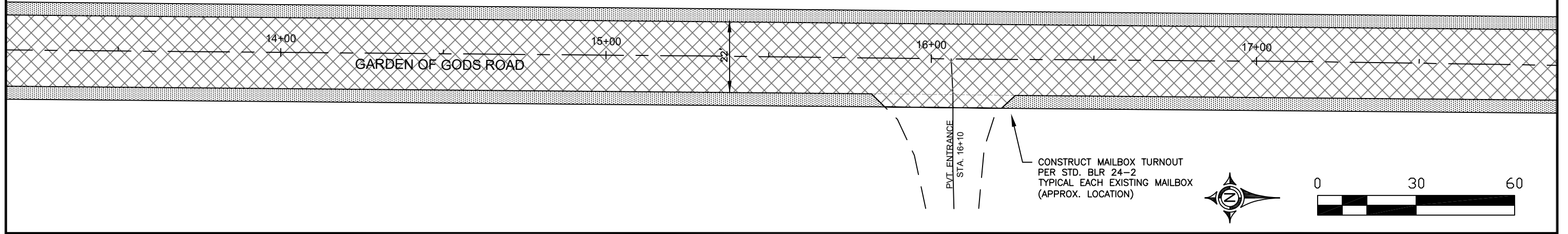
**CONTRACT NO. 99684**

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**LEGEND**

-  AREA OF COLD MILLING AND HMA SURFACE COURSE, IL-9.5 MIX "C", N70
-  SHOULDER HMA SURFACE COURSE, IL-9.5 MIX "C", N70

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GARDEN OF GODS ROAD	CEDC(041)	C-99-032-20	FAS 902	19-00047-00-RS	HARDIN	9	5


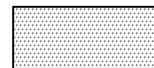



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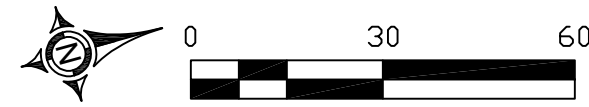
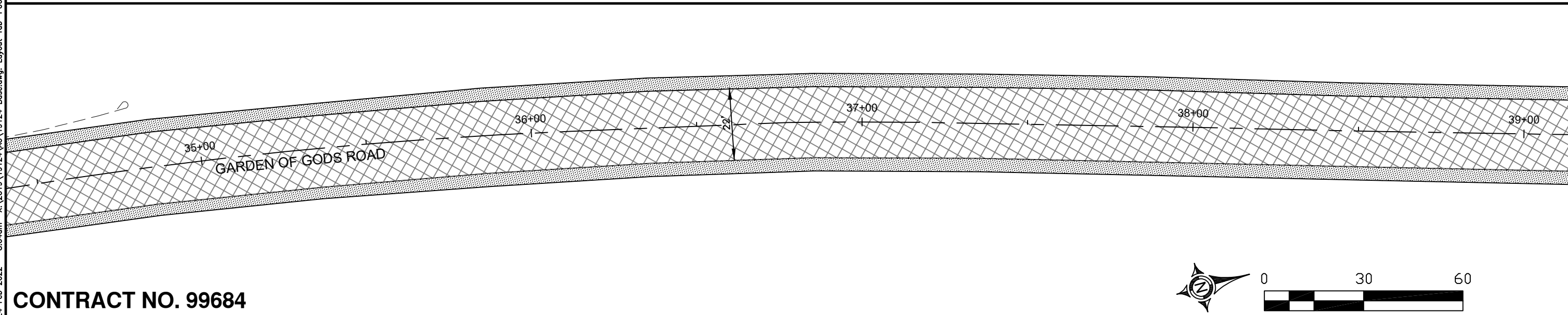
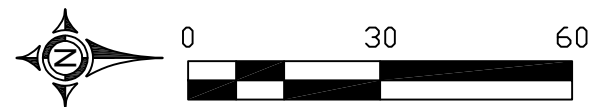
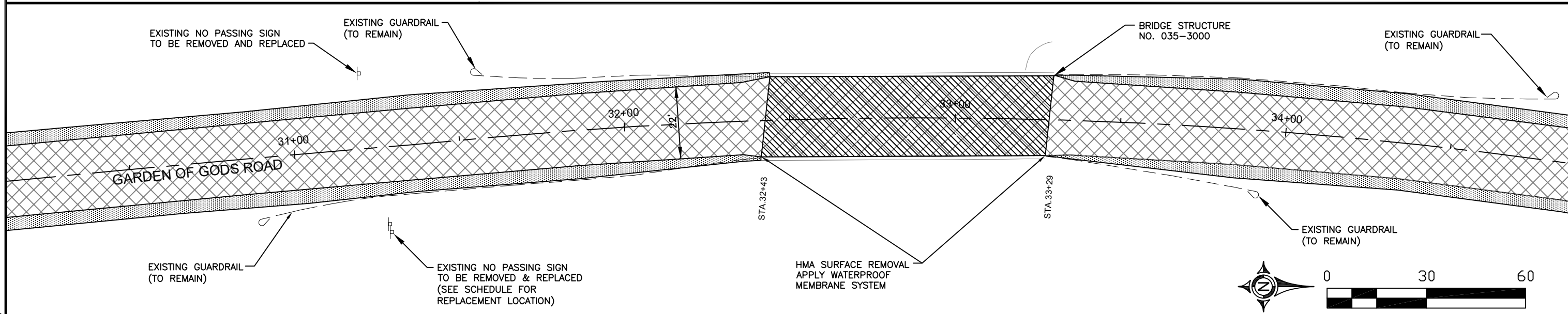
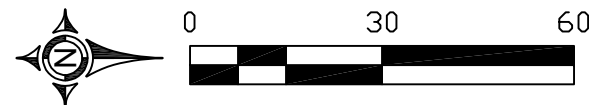
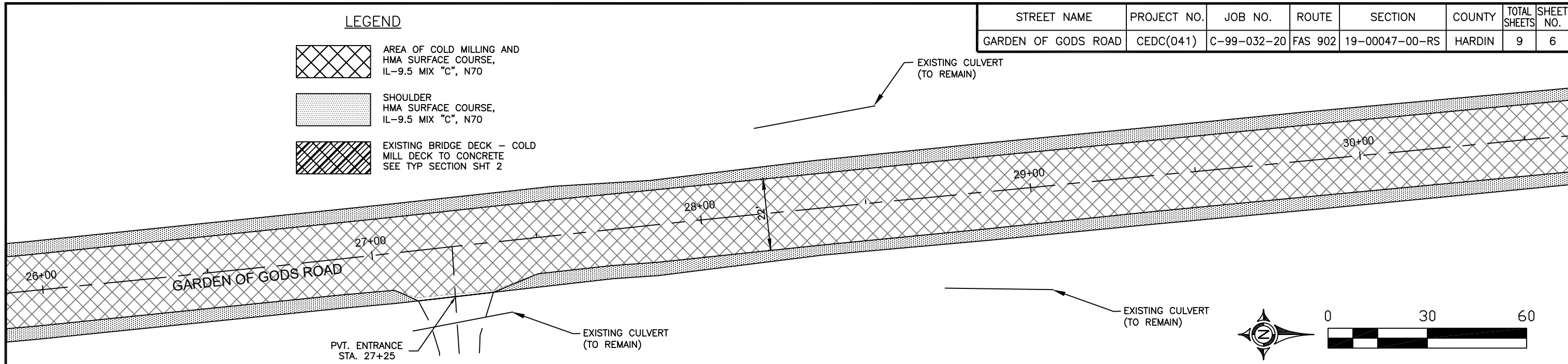
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**LEGEND**

-  AREA OF COLD MILLING AND HMA SURFACE COURSE, IL-9.5 MIX "C", N70
-  SHOULDER HMA SURFACE COURSE, IL-9.5 MIX "C", N70
-  EXISTING BRIDGE DECK - COLD MILL DECK TO CONCRETE SEE TYP SECTION SHT 2

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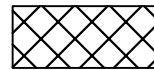
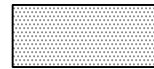
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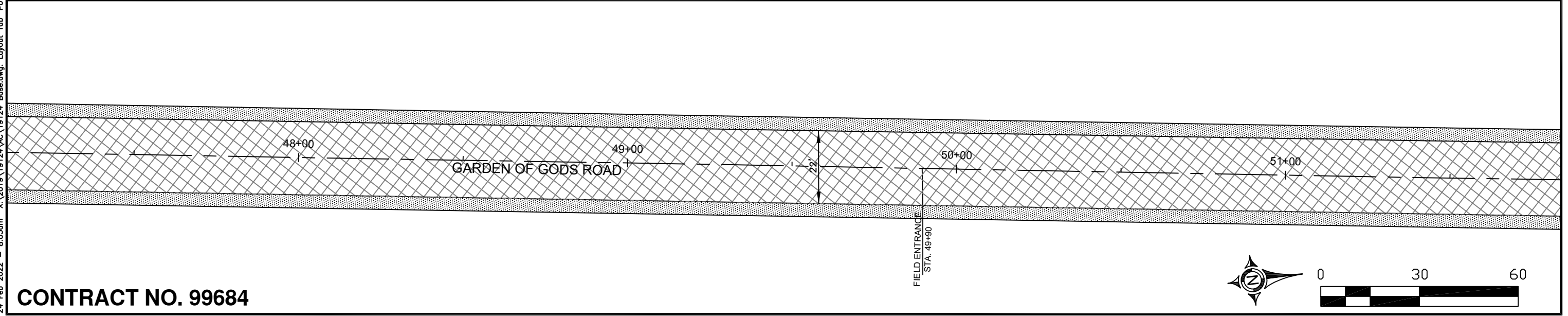
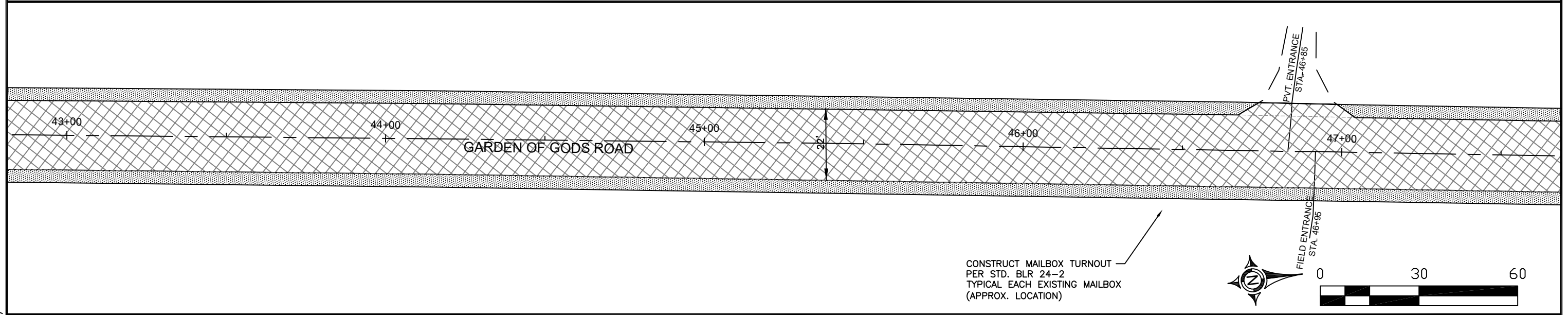
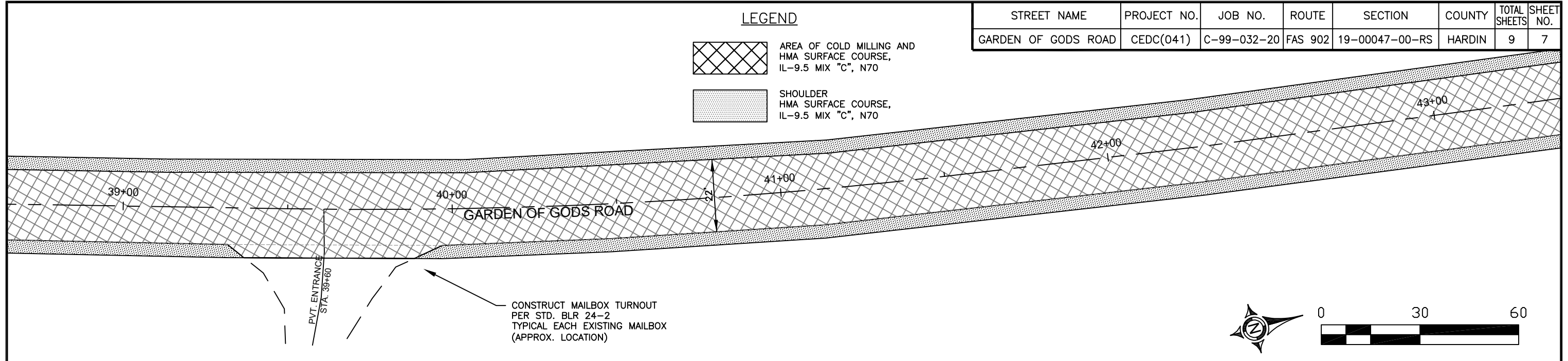
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LEGEND

-  AREA OF COLD MILLING AND HMA SURFACE COURSE, IL-9.5 MIX "C", N70
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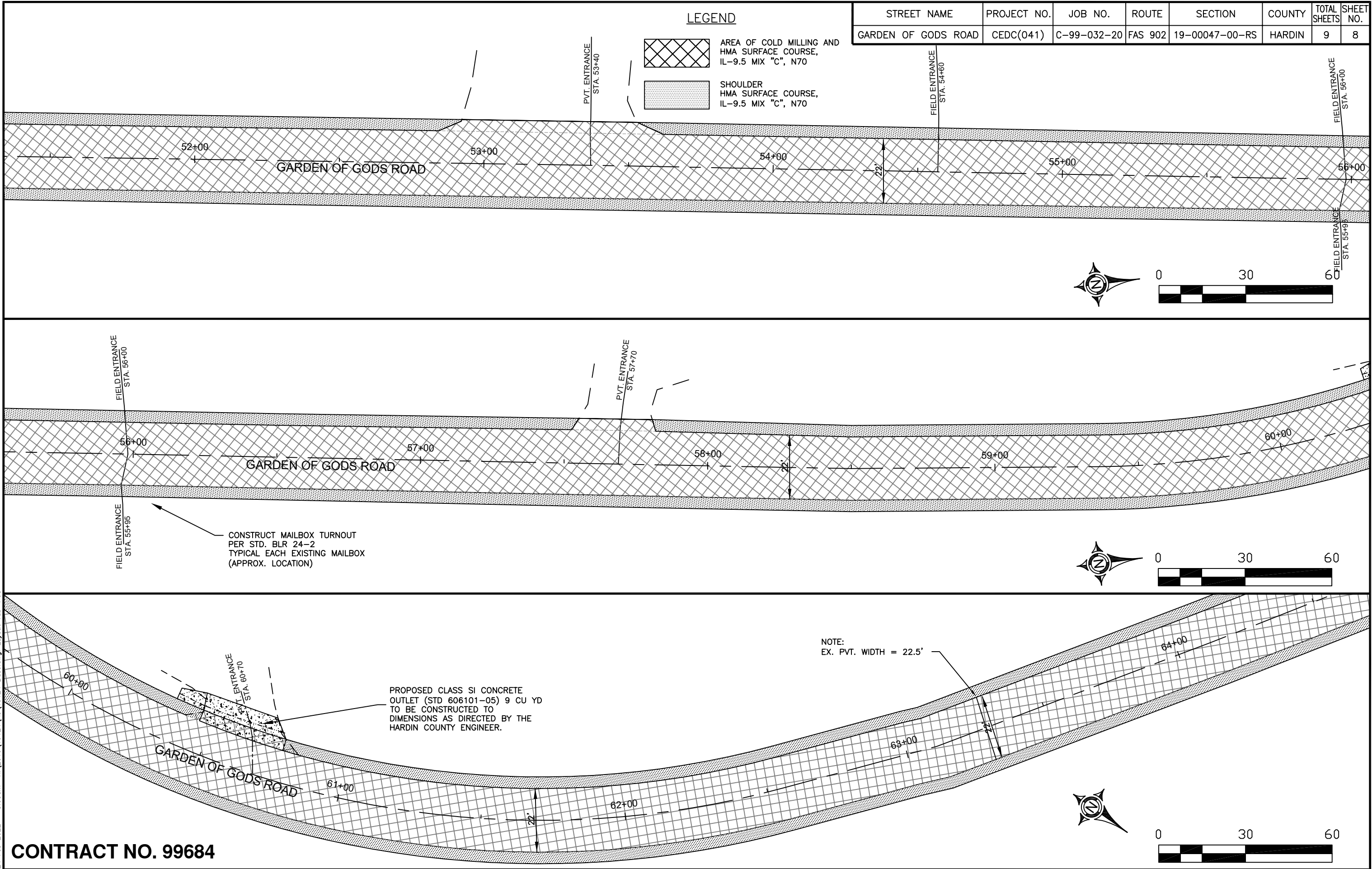
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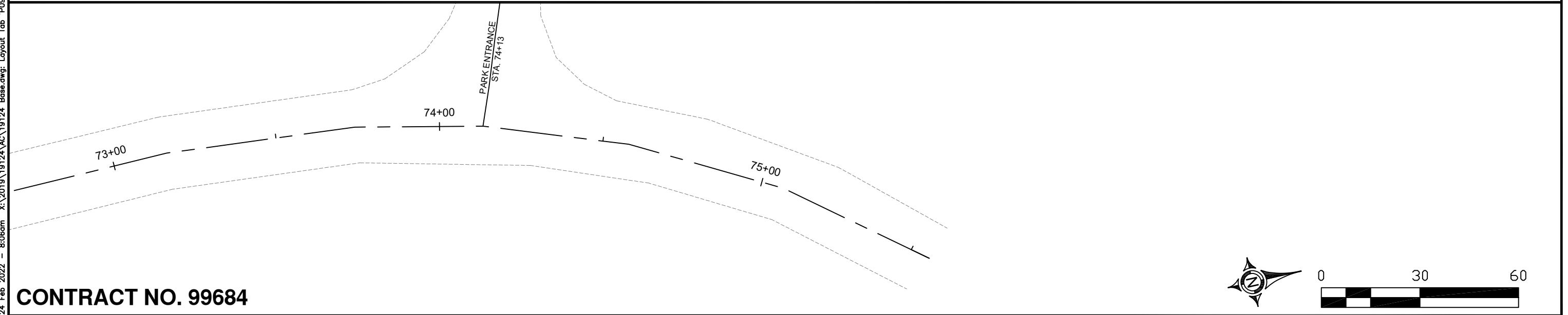
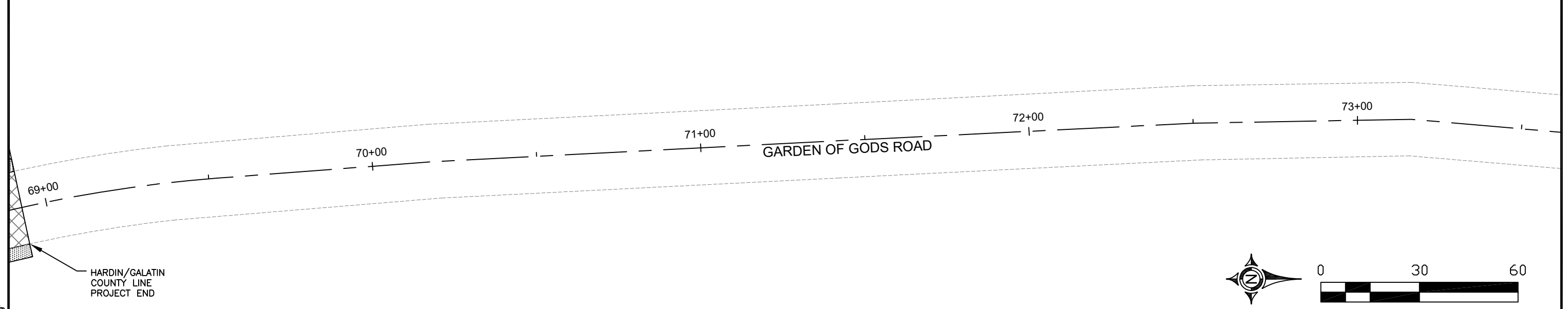
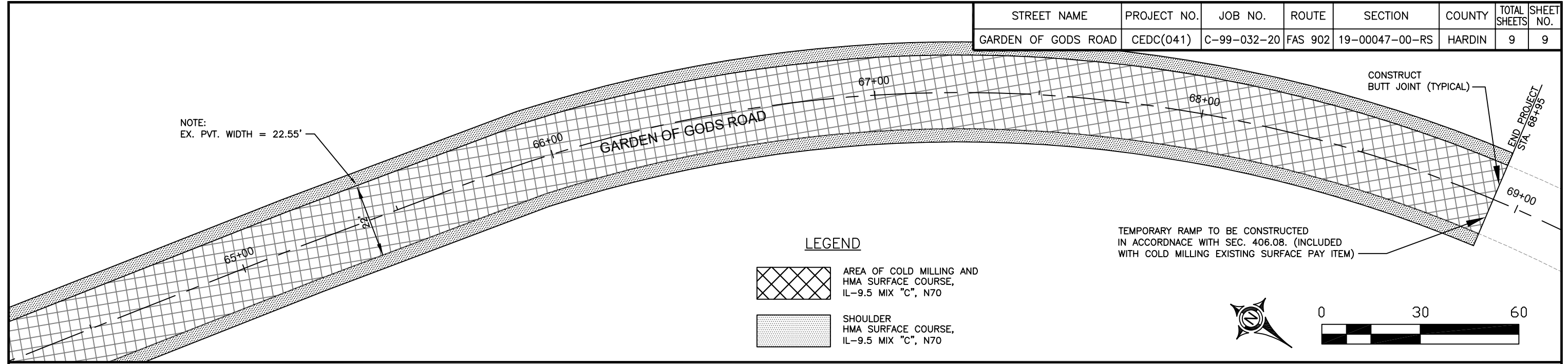
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