

**LEGEND**

- ① PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LETTERS & SYMBOLS
- ② PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (WHITE SKIP DASH)
- ③ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (SOLID YELLOW)
- ④ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (SOLID WHITE)
- ⑤ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (WHITE 2' DASH 6' SKIP)
- ⑥ PR URETHANE PAVEMENT MARKING LINE 8" (SOLID WHITE)
- ⑦ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID WHITE)
- ⑧ PR URETHANE PAVEMENT MARKING, TYPE 1-LINE 5" (SOLID WHITE)
- ⑨ PR URETHANE PAVEMENT MARKING, TYPE 1-LINE 5" (SOLID YELLOW)
- ⑩ PR THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE)
- ⑪ PR URETHANE PAVEMENT MARKING, TYPE 1-LINE 5" (WHITE SKIP DASH)
- ▨▨▨ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 24"

**CUMMINS ENGINEERING CORPORATION**

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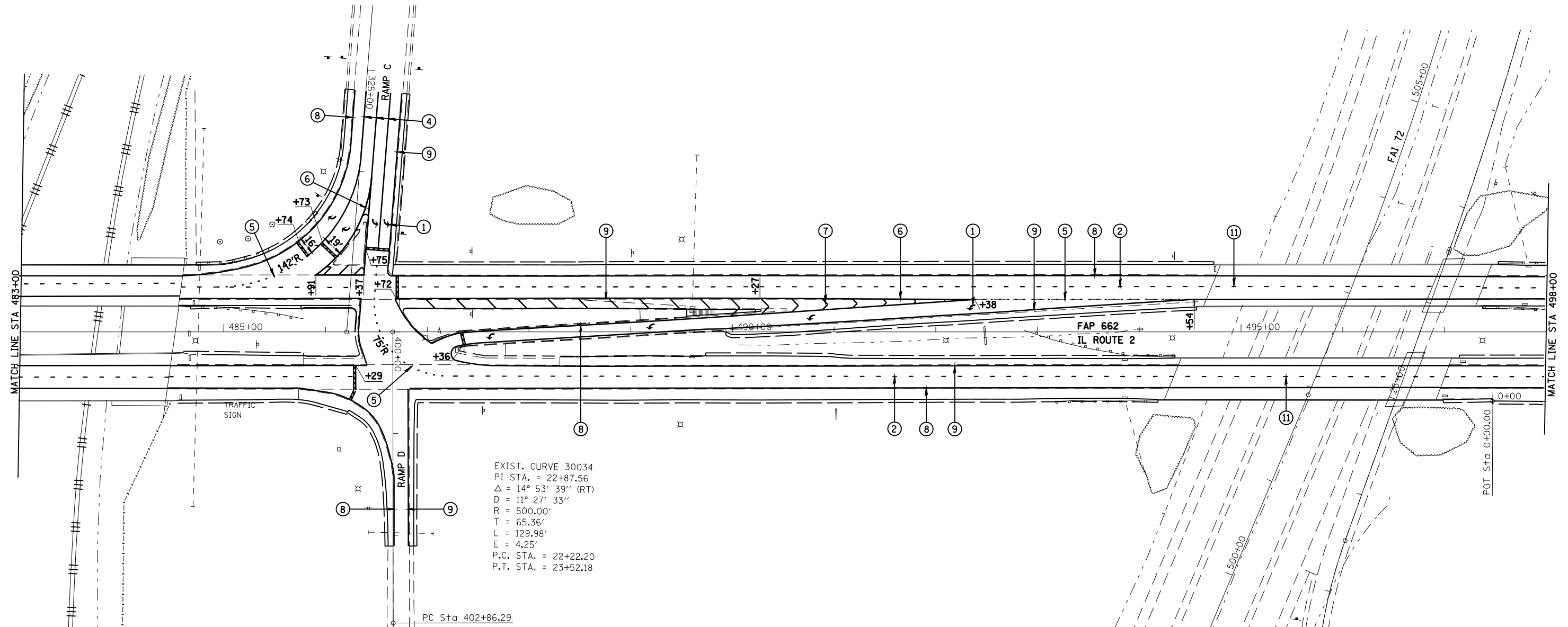
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	PLOT DATE = Mar-18-2008 11:42:01AM	DATE - 3/15/2008	REVISD -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING DETAILS**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	101
CONTRACT NO. 72889				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



EXIST. CURVE 30034  
 PI STA. = 22+87.56  
 $\Delta = 14^\circ 53' 39''$  (RT)  
 $D = 11^\circ 27' 33''$   
 $R = 500.00'$   
 $T = 65.36'$   
 $L = 129.98'$   
 $E = 4.25'$   
 P.C. STA. = 22+22.20  
 P.T. STA. = 23+52.18

**LEGEND**

- ① PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LETTERS & SYMBOLS
- ② PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (WHITE SKIP DASH)
- ③ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (SOLID YELLOW)
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- ⑪ PR URETHANE PAVEMENT MARKING, TYPE 1-LINE 5" (WHITE SKIP DASH)
- ▨▨▨▨ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 24"

**CUMMINS ENGINEERING CORPORATION**

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DESIGNED	- NAK
DRAWN	- AJH
CHECKED	-
DATE	- 3/15/2008

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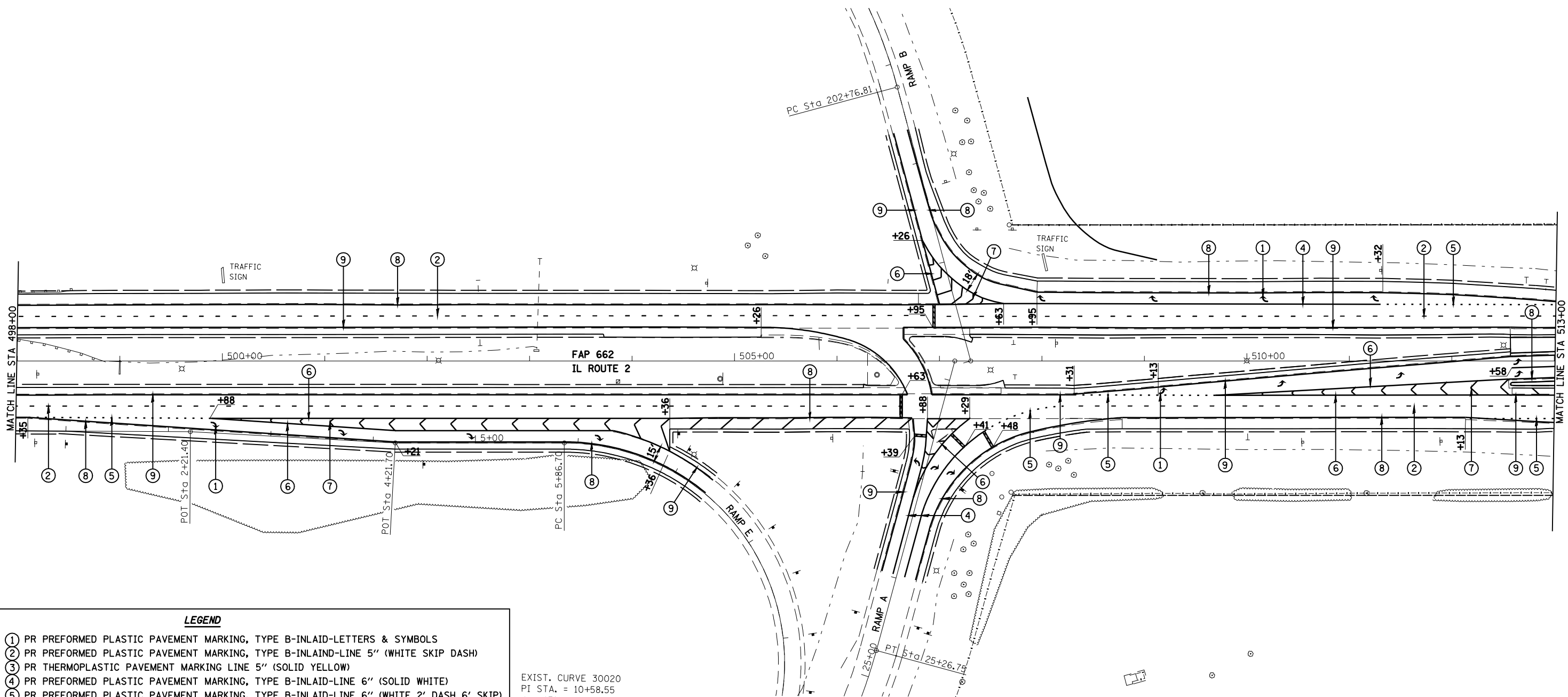
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING DETAILS**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	102
CONTRACT NO. 72889				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



- ① PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LETTERS & SYMBOLS
- ② PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (WHITE SKIP DASH)
- ③ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (SOLID YELLOW)
- ④ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (SOLID WHITE)
- ⑤ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (WHITE 2' DASH 6' SKIP)
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- ⑩ PR THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE)
- ⑪ PR URETHANE PAVEMENT MARKING, TYPE 1-LINE 5" (WHITE SKIP DASH)
- ▨▨▨▨ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 24"

EXIST. CURVE 30020  
 PI STA. = 10+58.55  
 $\Delta = 131^\circ 00' 23''$  (RT)  
 $D = 26^\circ 38' 57''$   
 $R = 215.00'$   
 $T = 471.85'$   
 $L = 491.60'$   
 $E = 303.52'$   
 P.C. STA. = 5+86.70  
 P.T. STA. = 10+78.30

**CUMMINS ENGINEERING CORPORATION**

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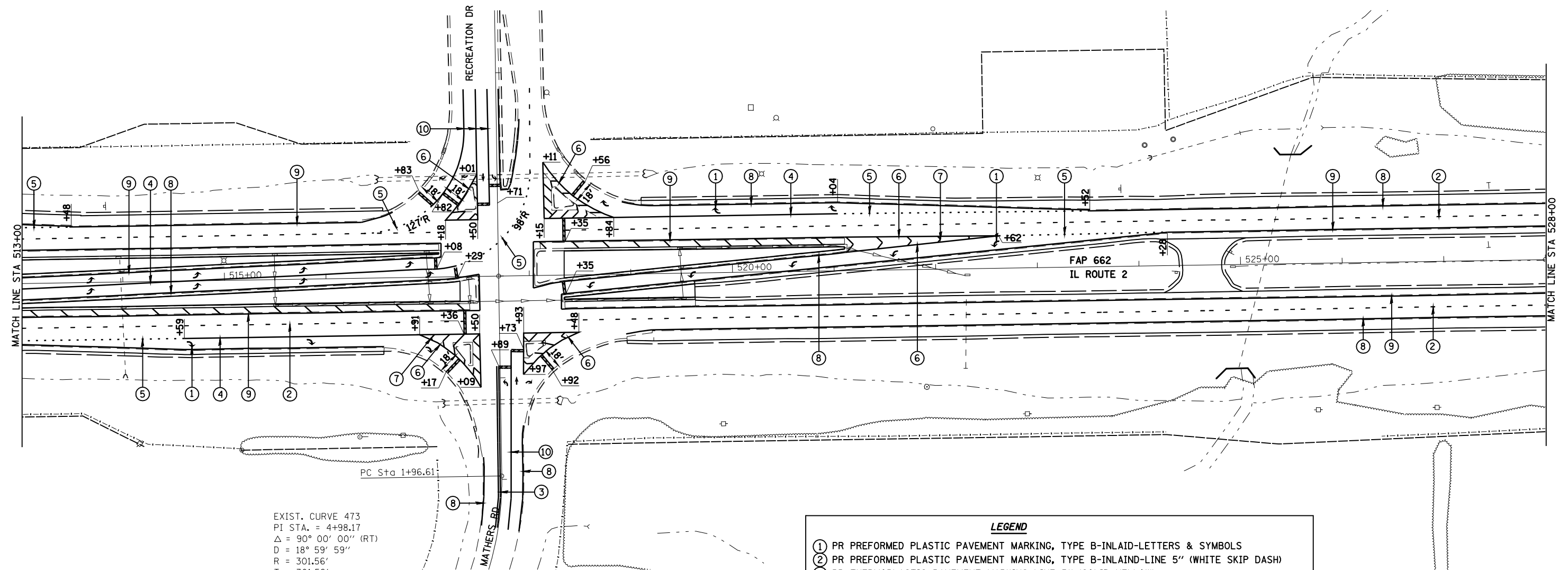
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING DETAILS**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	103
CONTRACT NO. 72889				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



EXIST. CURVE 473  
 PI STA. = 4+98.17  
 $\Delta = 90^\circ 00' 00''$  (RT)  
 $D = 18^\circ 59' 59''$   
 $R = 301.56'$   
 $T = 301.56'$   
 $L = 473.69'$   
 $E = 124.91'$   
 P.C. STA. = 1+96.61  
 P.T. STA. = 6+70.30

LEGEND	
①	PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LETTERS & SYMBOLS
②	PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (WHITE SKIP DASH)
③	PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (SOLID YELLOW)
④	PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (SOLID WHITE)
⑤	PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (WHITE 2' DASH 6' SKIP)
⑥	PR URETHANE PAVEMENT MARKING LINE 8" (SOLID WHITE)
⑦	PR URETHANE PAVEMENT MARKING LINE 12" (SOLID WHITE)
⑧	PR URETHANE PAVEMENT MARKING, TYPE 1-LINE 5" (SOLID WHITE)
⑨	PR URETHANE PAVEMENT MARKING, TYPE 1-LINE 5" (SOLID YELLOW)
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⑪	PR URETHANE PAVEMENT MARKING, TYPE 1-LINE 5" (WHITE SKIP DASH)
	PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 24"

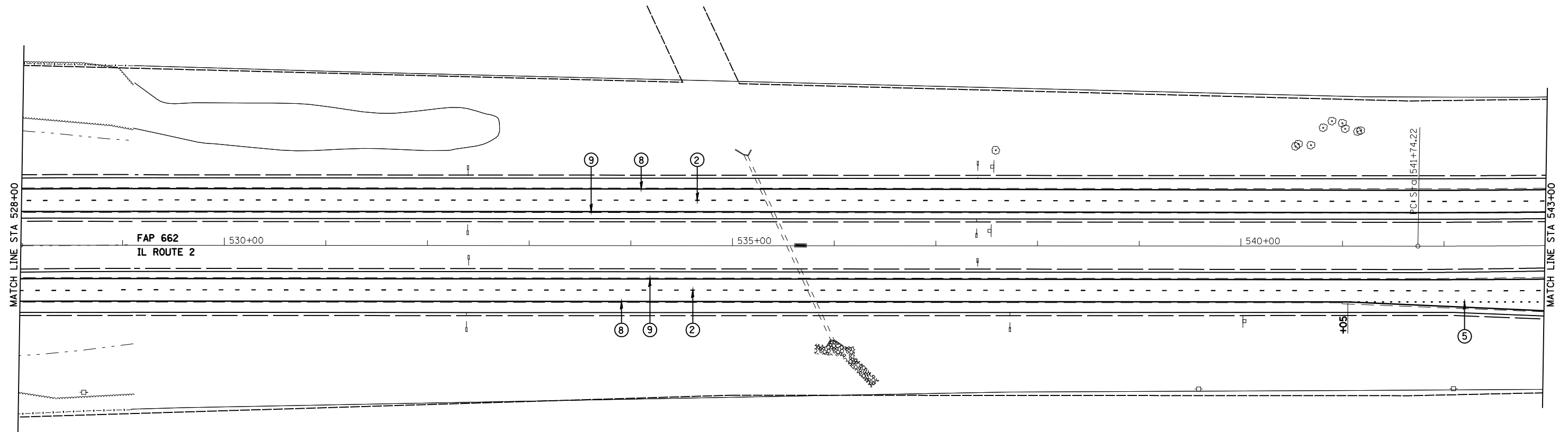
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		CHECKED - NAK	REVISED -
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS				
SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	104
CONTRACT NO. 72889				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				





**LEGEND**

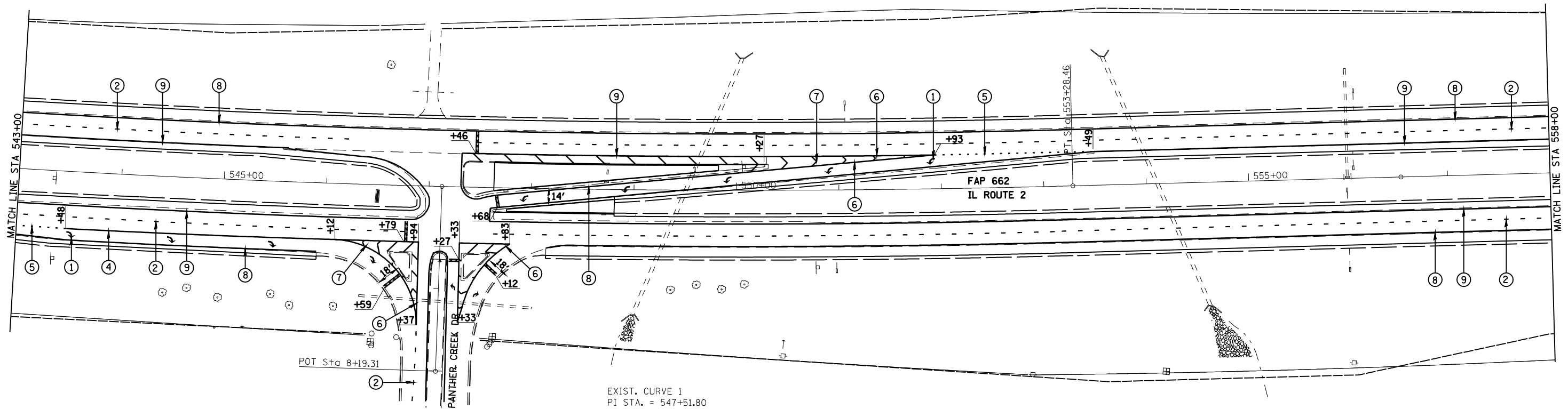
①	PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LETTERS & SYMBOLS
②	PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (WHITE SKIP DASH)
③	PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (SOLID YELLOW)
④	PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (SOLID WHITE)
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	PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 24"

<b>CUMMINS ENGINEERING CORPORATION</b>		JOB - 2200	
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PAVEMENT MARKING DETAILS</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	105
CONTRACT NO. 72889				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



EXIST. CURVE 1  
 PI STA. = 547+51.80  
 $\Delta = 5^\circ 36' 12''$  (LT)  
 D =  $0^\circ 29' 08''$   
 R = 11,802.55'  
 T = 577.58'  
 L = 1,154.25'  
 E = 14.12'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 541+74.22  
 P.T. STA. = 553+28.46

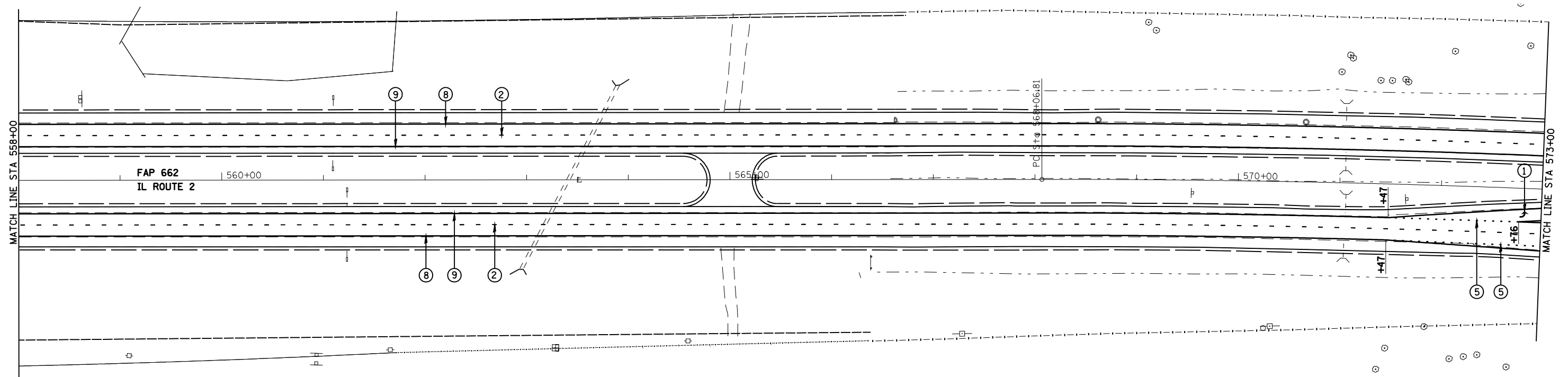
LEGEND	
①	PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LETTERS & SYMBOLS
②	PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (WHITE SKIP DASH)
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	PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 24"

<b>CUMMINS ENGINEERING CORPORATION</b>		JOB - 2200	DESIGNED - NAK	REVISED -
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

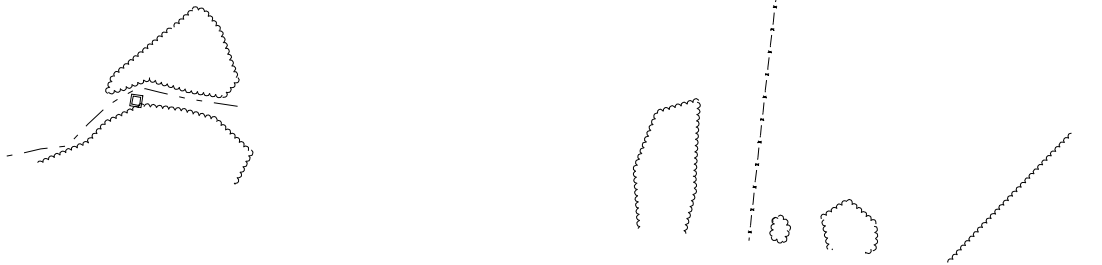
PAVEMENT MARKING DETAILS				
SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	106
CONTRACT NO. 72889				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



**LEGEND**

- ① PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LETTERS & SYMBOLS
- ② PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (WHITE SKIP DASH)
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- ▬▬▬ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 24"

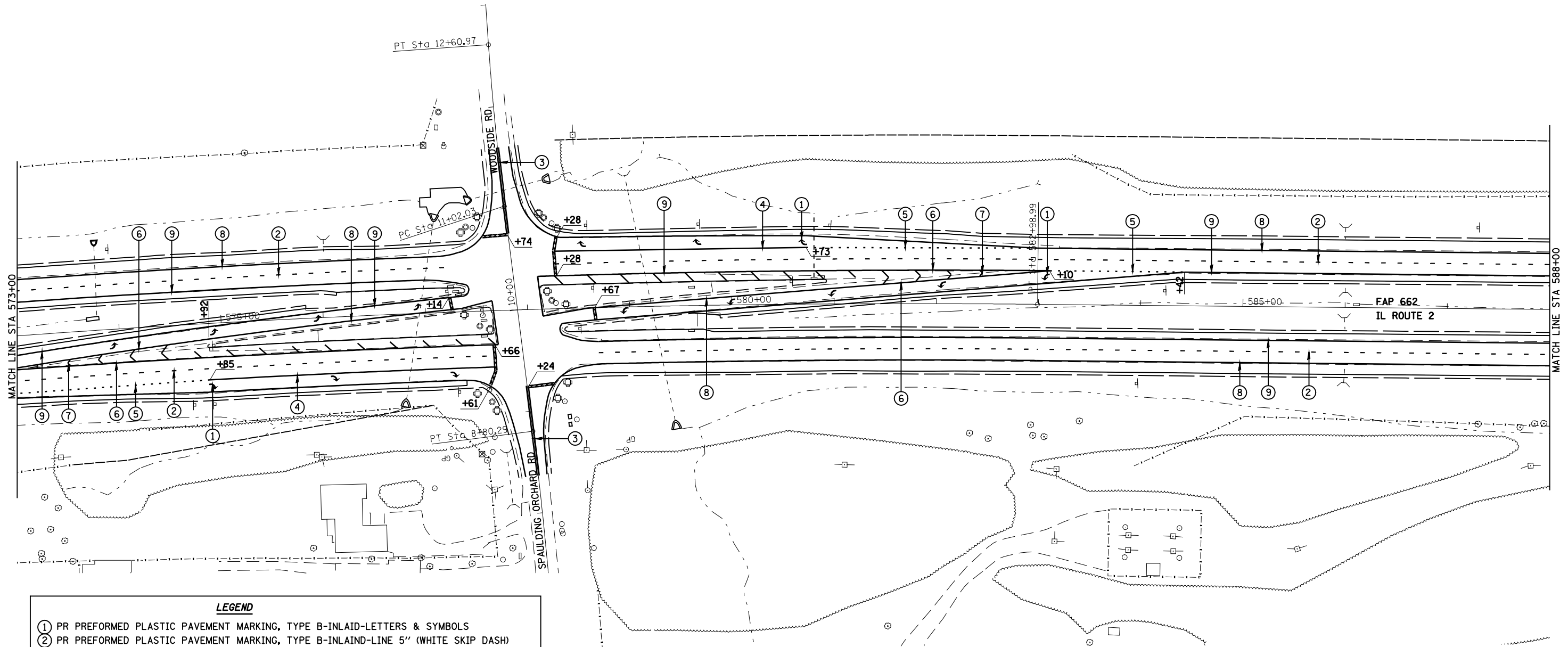


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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	107
CONTRACT NO. 72889				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



**LEGEND**

- ① PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LETTERS & SYMBOLS
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- ▨ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 24"

EXIST. CURVE 2  
 PI STA. = 575+53.84  
 $\Delta = 7^\circ 02' 22''$  (RT)  
 D =  $0^\circ 28' 18''$   
 R = 12,145.22'  
 T = 747.03'  
 L = 1,492.18'  
 E = 22.95'  
 P.C. STA. = 568+06.81  
 P.T. STA. = 582+98.99

EXIST. CURVE 6  
 PI STA. = 6+56.84  
 $\Delta = 6^\circ 54' 02''$  (LT)  
 D =  $1^\circ 32' 32''$   
 R = 3,715.25'  
 T = 224.00'  
 L = 447.45'  
 E = 6.75'  
 P.C. STA. = 4+32.84  
 P.T. STA. = 8+80.29

EXIST. CURVE 5  
 PI STA. = 11+81.52  
 $\Delta = 3^\circ 14' 44''$  (RT)  
 D =  $2^\circ 02' 31''$   
 R = 2,805.96'  
 T = 79.49'  
 L = 158.94'  
 E = 1.13'  
 P.C. STA. = 11+02.03  
 P.T. STA. = 12+60.97

**CUMMINS ENGINEERING CORPORATION**

JOB	- 2200
FILE	- sht-pmk3.dgn
DESIGNED	- NAK
DRAWN	- AJH
CHECKED	- NAK
DATE	- 3/15/2008

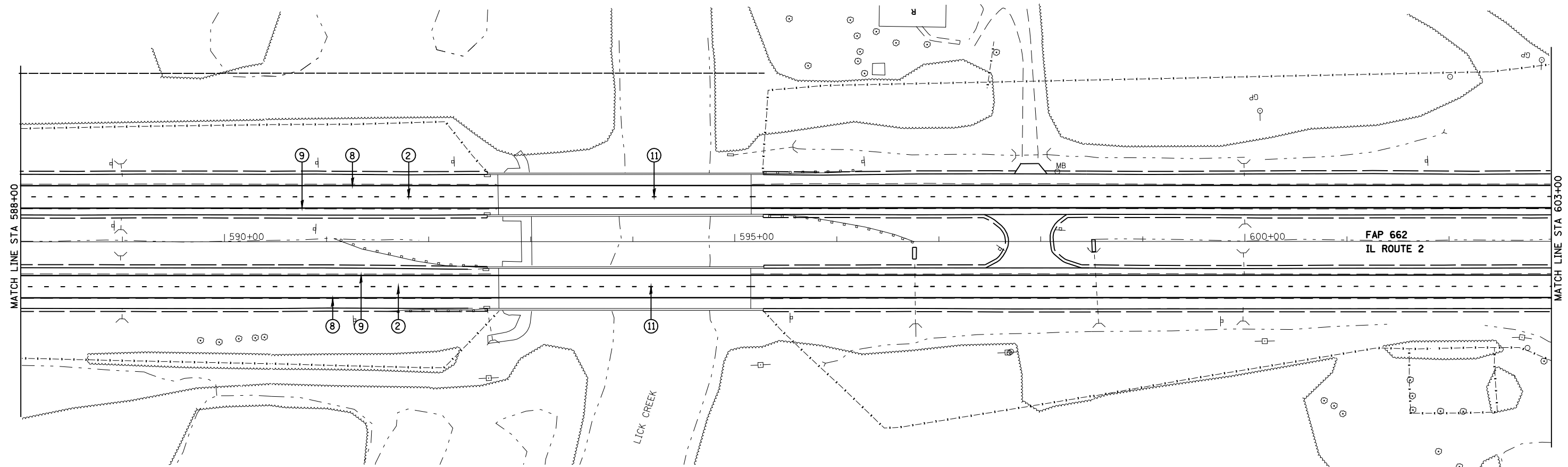
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING DETAILS**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	108
CONTRACT NO. 72889				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



- LEGEND**
- ① PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LETTERS & SYMBOLS
  - ② PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (WHITE SKIP DASH)
  - ③ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (SOLID YELLOW)
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<b>CUMMINS ENGINEERING CORPORATION</b>		JOB - 2200
FILE NAME =	USER NAME = laughlinr1	FILE - sht-pmk4.dgn
C:\Projects\d652204\cummins_final\d67289-sht-pmk4.dgn	DESIGNED - NAK	REVISED -
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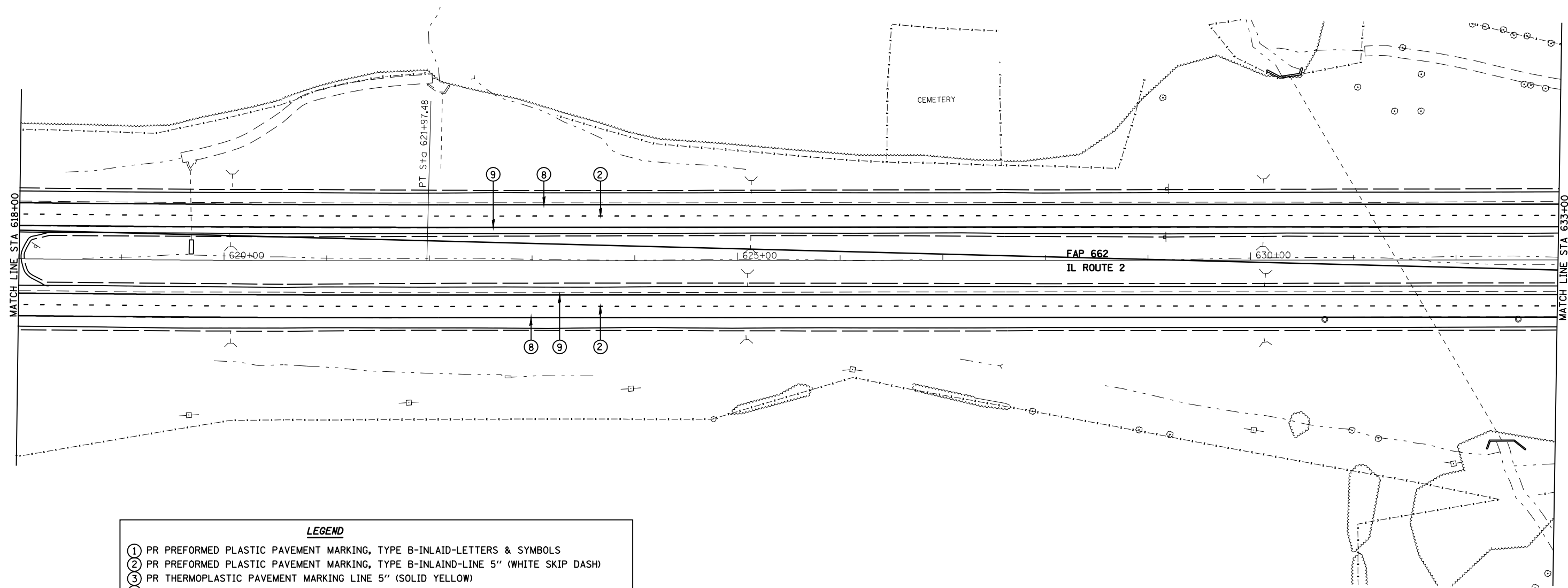
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING DETAILS**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	109
CONTRACT NO. 72889				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				





**LEGEND**

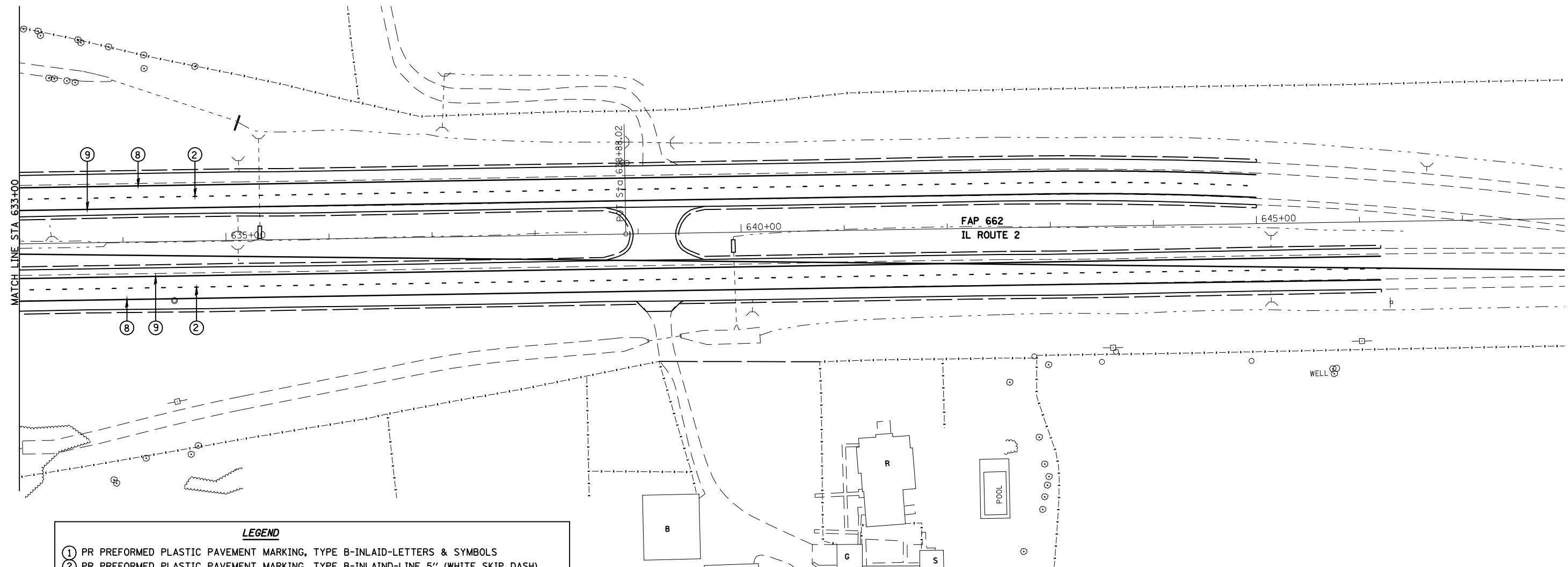
- ① PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LETTERS & SYMBOLS
- ② PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (WHITE SKIP DASH)
- ③ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (SOLID YELLOW)
- ④ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (SOLID WHITE)
- ⑤ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (WHITE 2' DASH 6' SKIP)
- ⑥ PR URETHANE PAVEMENT MARKING LINE 8" (SOLID WHITE)
- ⑦ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID WHITE)
- ⑧ PR URETHANE PAVEMENT MARKING, TYPE 1-LINE 5" (SOLID WHITE)
- ⑨ PR URETHANE PAVEMENT MARKING, TYPE 1-LINE 5" (SOLID YELLOW)
- ⑩ PR THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE)
- ⑪ PR URETHANE PAVEMENT MARKING, TYPE 1-LINE 5" (WHITE SKIP DASH)
- ▨ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 24"

<b>CUMMINS ENGINEERING CORPORATION</b>		JOB - 2200	
		FILE - sht-pmk4.dgn	
FILE NAME =	USER NAME = laughlinr1	DESIGNED - NAK	REVISED -
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	PLOT DATE = Mar-18-2008 11:42:44AM	DATE - 3/15/2008	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PAVEMENT MARKING DETAILS</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	111
CONTRACT NO. 72889				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



- LEGEND**
- ① PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LETTERS & SYMBOLS
  - ② PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 5" (WHITE SKIP DASH)
  - ③ PR THERMOPLASTIC PAVEMENT MARKING LINE 5" (SOLID YELLOW)
  - ④ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (SOLID WHITE)
  - ⑤ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 6" (WHITE 2' DASH 6' SKIP)
  - ⑥ PR URETHANE PAVEMENT MARKING LINE 8" (SOLID WHITE)
  - ⑦ PR URETHANE PAVEMENT MARKING LINE 12" (SOLID WHITE)
  - ⑧ PR URETHANE PAVEMENT MARKING, TYPE 1-LINE 5" (SOLID WHITE)
  - ⑨ PR URETHANE PAVEMENT MARKING, TYPE 1-LINE 5" (SOLID YELLOW)
  - ⑩ PR THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE)
  - ⑪ PR URETHANE PAVEMENT MARKING, TYPE 1-LINE 5" (WHITE SKIP DASH)
  - ▨ PR PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID-LINE 24"

<b>CUMMINS ENGINEERING CORPORATION</b>		JOB - 2200
FILE NAME =	USER NAME = laughlinr1	FILE - sht-pmk4.dgn
C:\Projects\d652204\cummins_final\d67289-sht-pmk4.dgn		DESIGNED - NAK
		DRAWN - AJH
	PLOT SCALE = 100.0000' / IN.	CHECKED - NAK
	PLOT DATE = Mar-18-2008 11:42:47AM	DATE - 3/15/2008

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PAVEMENT MARKING DETAILS</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

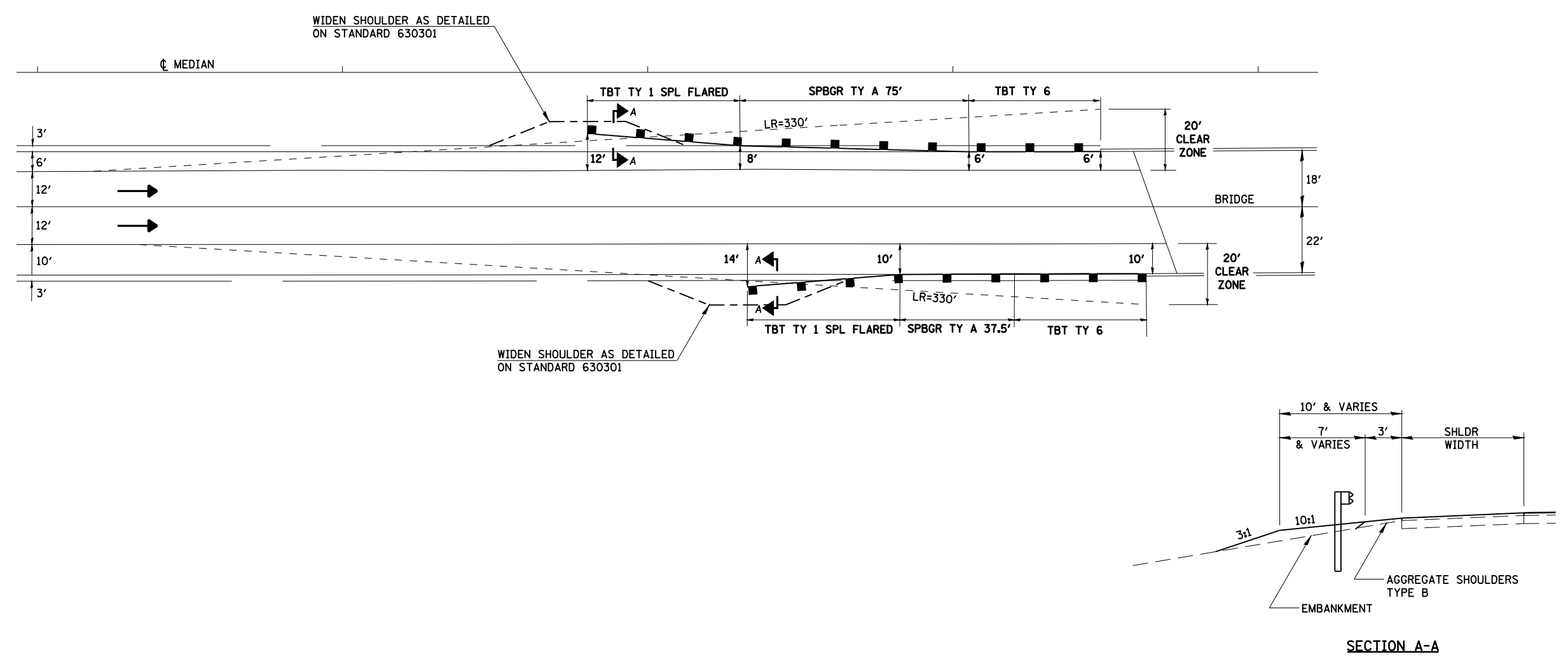
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	112
CONTRACT NO. 72889				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



- NOTES**
1. WIDEN SHOULDERS TO BACK OF GUARDRAIL POSTS AS DETAILED ON STANDARD 63001
  2. SEE SHEET FOR DETAILS OF PARAPET WALL EXTENSIONS

**DETAIL OF GUARDRAIL AT DUAL STRUCTURES**

SN 084-0134 NORTH END  
 SN 084-0137 NORTH END  
 SN 084-0136 SOUTH END



<b>CUMMINS ENGINEERING CORPORATION</b>		JOB - 2200
FILE NAME =		FILE - sht-details1.dgn
USER NAME = laughlinr1	DESIGNED - NAK	REVISED -
C:\Projects\d652204\cummins_final\d67289-sht-details1.dgn	DRAWN - AJH	REVISED -
PLOT SCALE = 39.4118 ' / IN.	CHECKED - NAK	REVISED -
PLOT DATE = Mar-18-2008 11:42:49AM	DATE - 3/15/2008	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

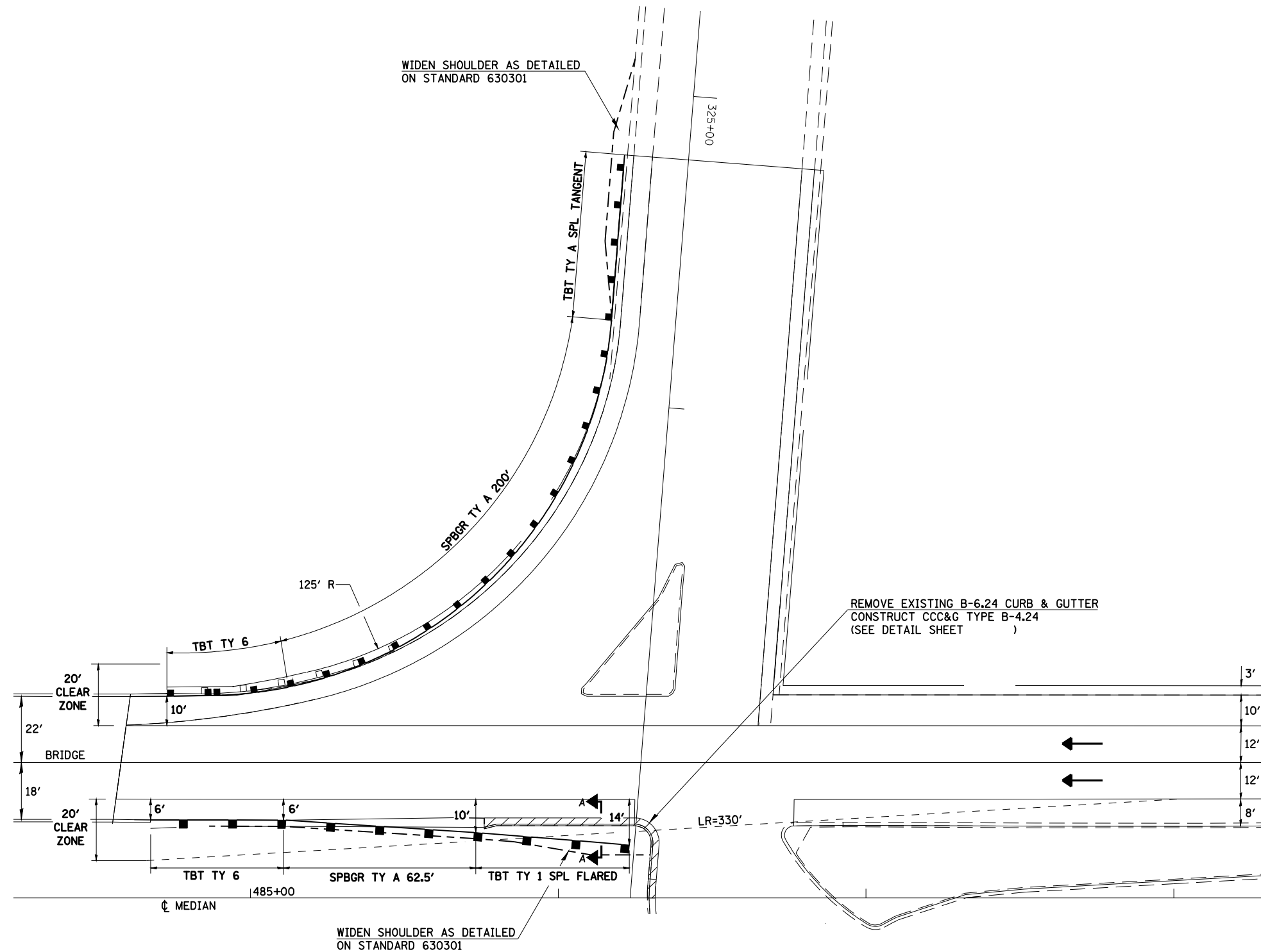
**GUARDRAIL DETAILS**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	2-(2RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	113
CONTRACT NO. 72889				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DETAIL OF GUARDRAIL AT DUAL STRUCTURES

SN 084-0188 SOUTH END



RAIL ELEMENTS FOR THE PROPOSED TRAFFIC BARRIER  
 TERMINAL TYPE 6 AND STEEL PLATE BEAM  
 GUARDRAIL TYPE A SHALL BE FABRICATED WITH  
 A 125' RADIUS

<b>CUMMINS ENGINEERING CORPORATION</b>		JOB - 2200
FILE NAME =	USER NAME = laughlinr1	FILE - sht-details1.dgn
C:\Projects\d652204\cummins_final\d67289-sht-details1.dgn	DESIGNED - NAK	REVISED -
	DRAWN - AJH	REVISED -
	CHECKED - NAK	REVISED -
	DATE - 3/15/2008	REVISED -
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	PLOT DATE = Mar-18-2008 11:42:51AM	

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

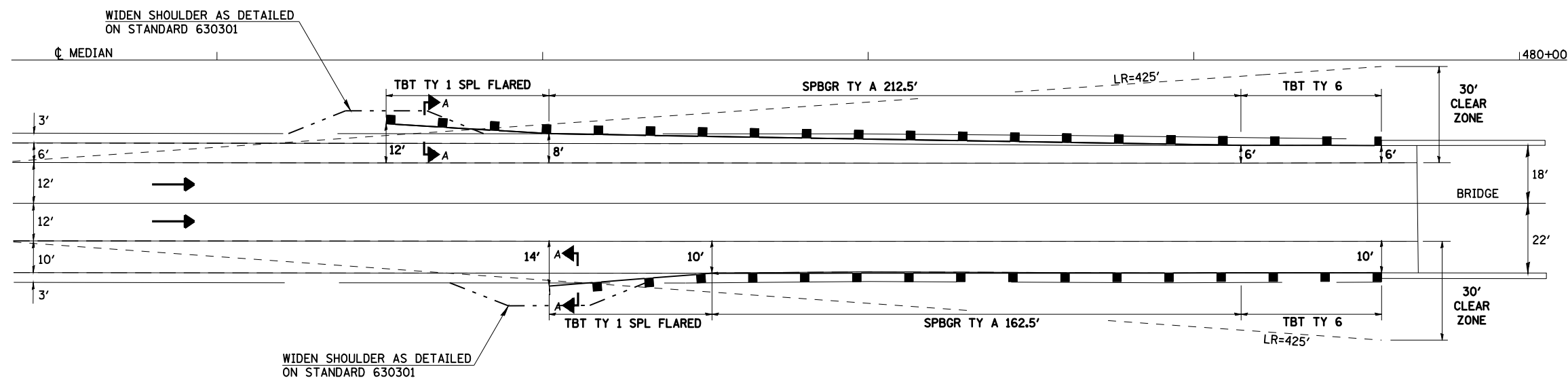
GUARDRAIL DETAILS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	2-(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	114
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72889	

DETAIL OF GUARDRAIL AT DUAL STRUCTURES

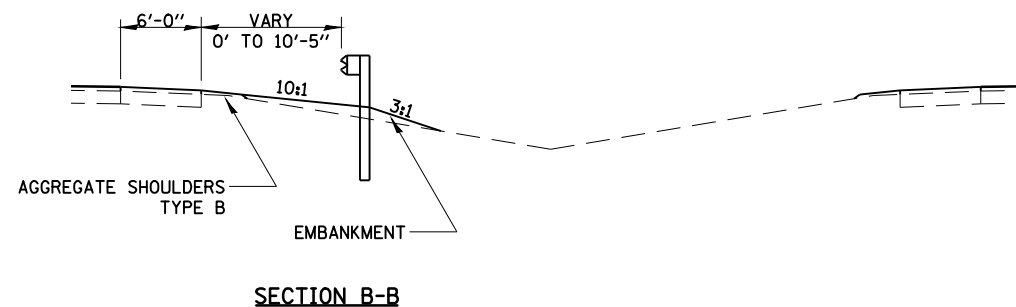
SN 084-0139 NORTH END



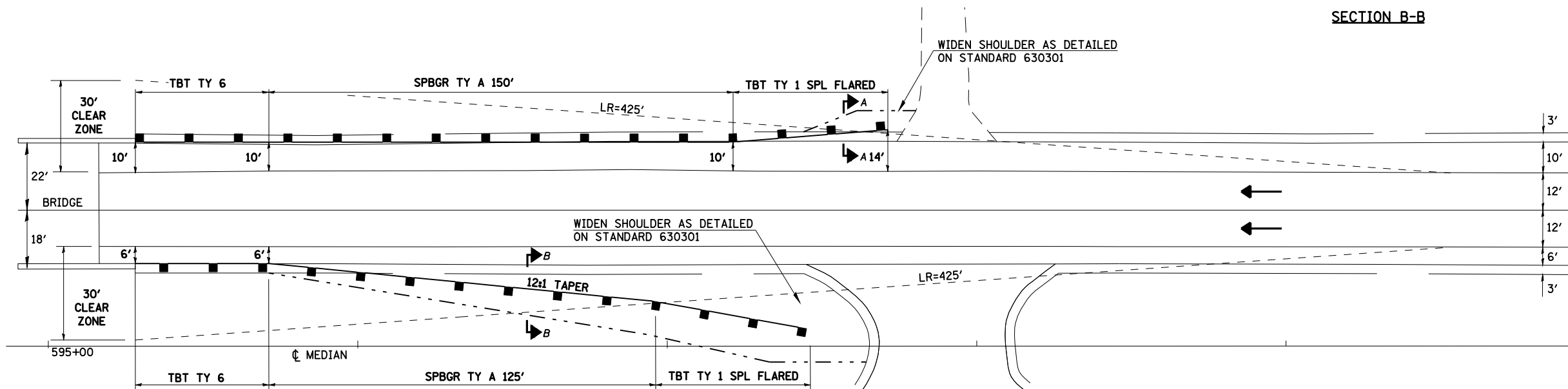
SEE SHEET FOR NOTES AND SECTION A-A

DETAIL OF GUARDRAIL AT DUAL STRUCTURES

SN 084-0138 SOUTH END



SECTION B-B



CUMMINS ENGINEERING CORPORATION

JOB	- 2200
FILE	- sht-detalls.dgn
DESIGNED	- NAK
DRAWN	- AJH
CHECKED	- NAK
DATE	- 3/15/2008

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PLOT DATE =	Mar-18-2008 11:42:53AM

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

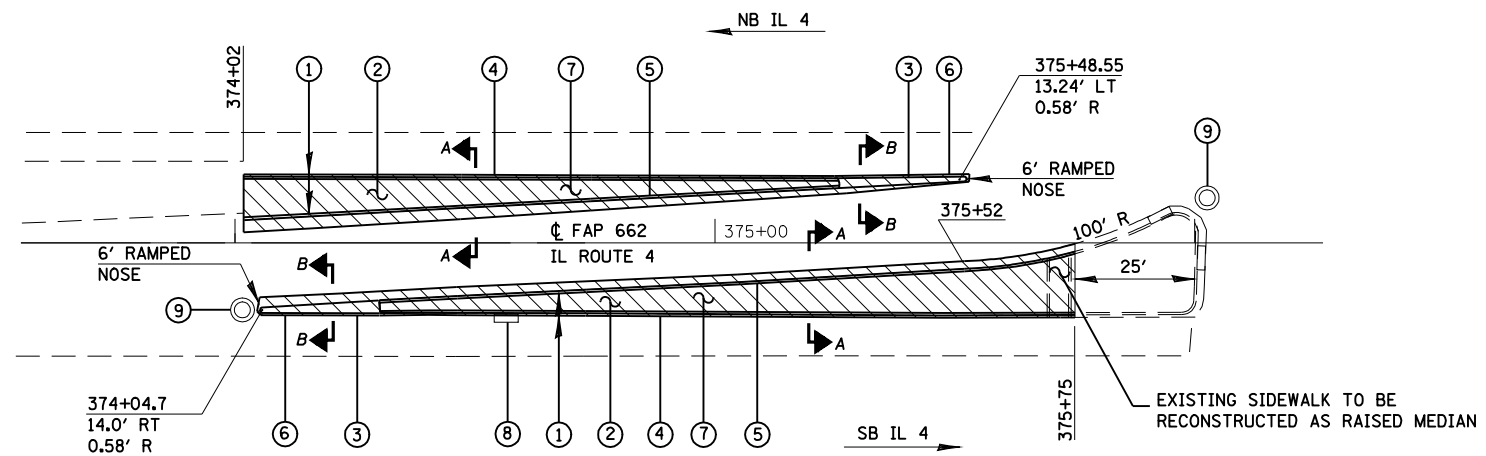
GUARDRAIL DETAILS

SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
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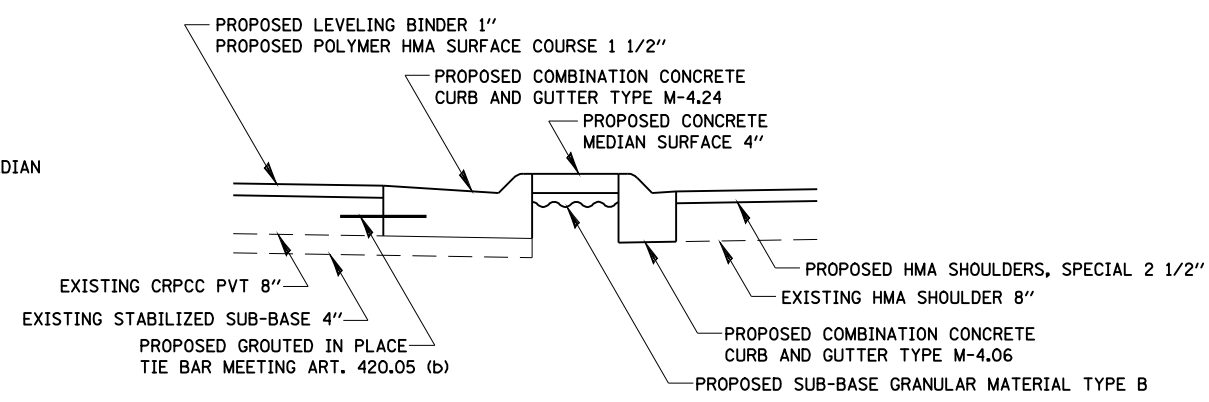
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	2-(2RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	115
CONTRACT NO. 72889				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



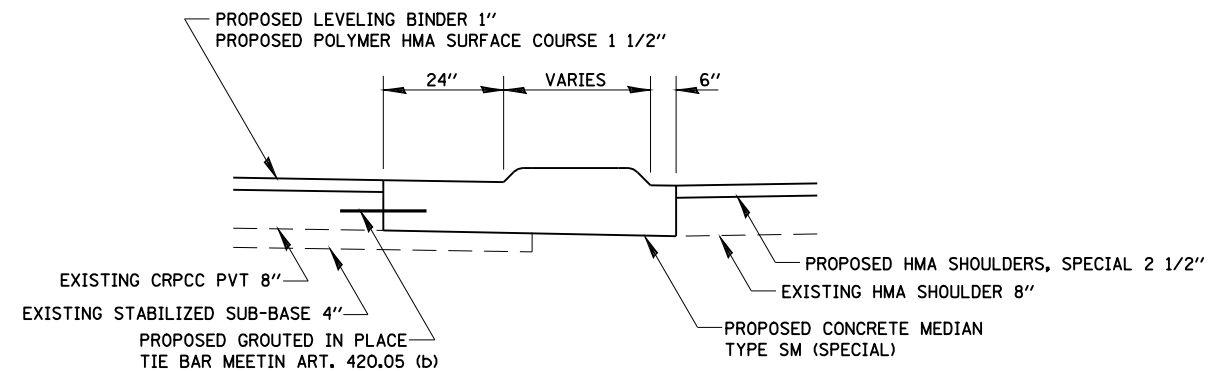
LEGEND	
①	COMBINATION CURB AND GUTTER REMOVAL
②	CONCRETE MEDIAN SURFACE REMOVAL
③	MEDIAN REMOVAL
④	COMBINATION CONCRETE CURB AND GUTTER TYPE M-4.06
⑤	COMBINATION CONCRETE CURB AND GUTTER TYPE M-4.24
⑥	CONCRETE MEDIAN TYPE SM SPECIAL
⑦	CONCRETE MEDIAN SURFACE, 4 INCH
⑧	INLETS TO BE ADJUSTED
⑨	MANHOLES TO BE ADJUSTED
	INDICATES LIMITS OF REMOVAL



**MEDIAN RECONSTRUCTION-LEFT TURN LANE  
S.B. IL 4 TO E.B. GREENBRIAR RD.**



**SECTION A-A**



**SECTION B-B**

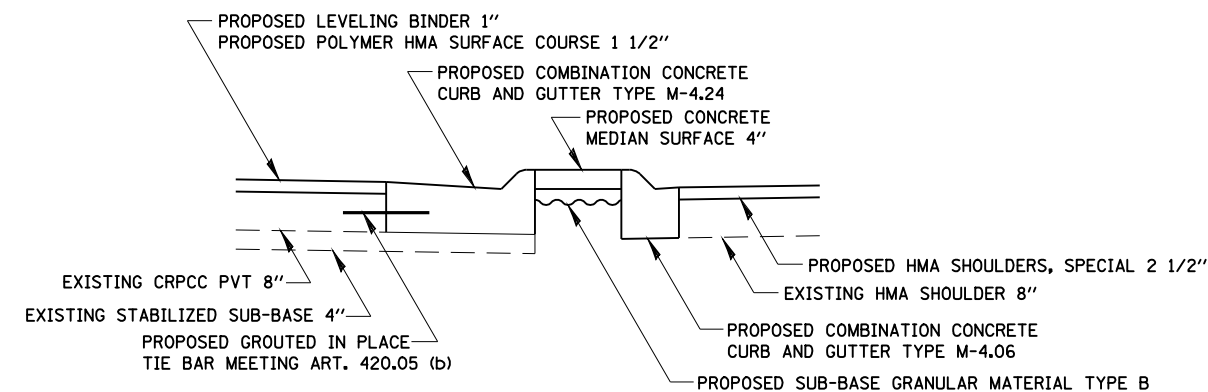
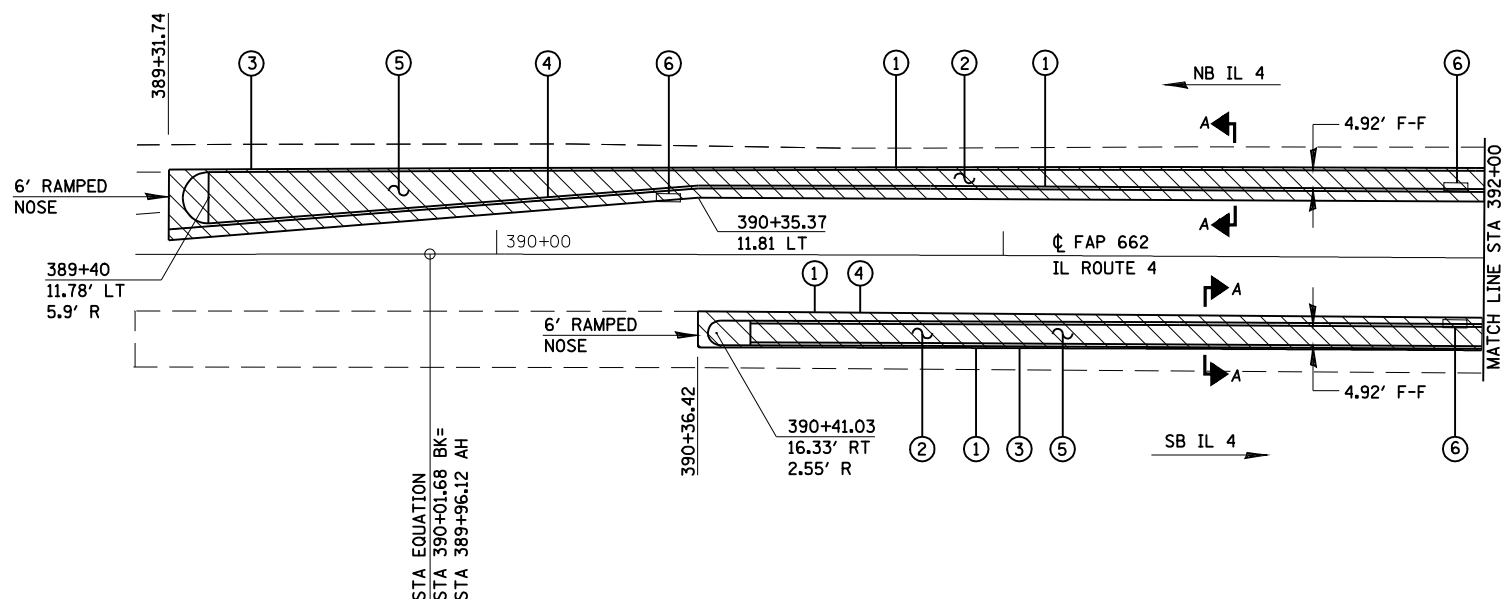
**NOTE:**

1. ALL STATION REFERENCES ARE TO THE ROADWAY CENTERLINE.
2. IN ADDITION TO FIELD SURVEYS AND AERIAL SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF THE WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
3. ALL RADII ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.

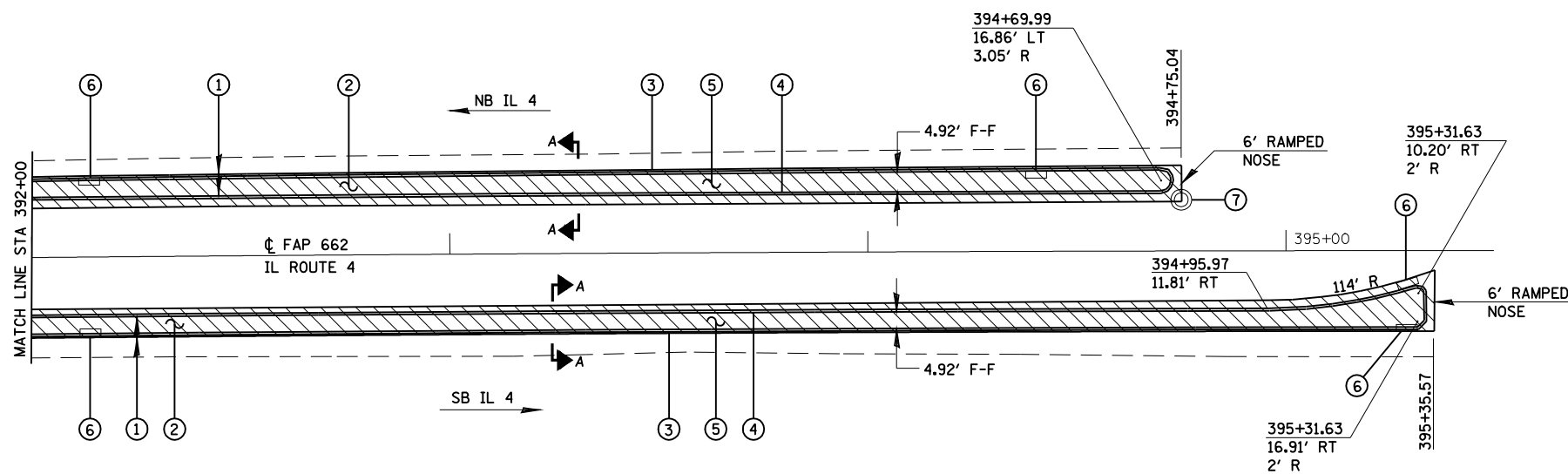
<b>CUMMINS ENGINEERING CORPORATION</b>		JOB - 2200	DESIGNED - NAK	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MEDIAN RECONSTRUCTION</b>			F.A.P. RTE. 662	SECTION 2-2(RS) & 3-1, 2(RS-10, TS-5)	COUNTY SANGAMON	TOTAL SHEETS 181	SHEET NO. 116
FILE NAME =	USER NAME = laughlinr1	FILE - sht-details4.dgn	DRAWN - AJH	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.	CONTRACT NO. 72889			
C:\Projects\d652204\cummins_final\d672889-sht-details4.dgn			CHECKED - NAK	REVISED -						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			
			DATE - 3/15/2008	REVISED -									



LEGEND	
①	COMBINATION CURB AND GUTTER REMOVAL
②	CONCRETE MEDIAN SURFACE REMOVAL
③	COMBINATION CONCRETE CURB AND GUTTER TYPE M-4.06
④	COMBINATION CONCRETE CURB AND GUTTER TYPE M-4.24
⑤	CONCRETE MEDIAN SURFACE, 4 INCH
⑥	INLETS TO BE ADJUSTED
⑦	MANHOLES TO BE ADJUSTED
	INDICATES LIMITS OF REMOVAL



SECTION A-A

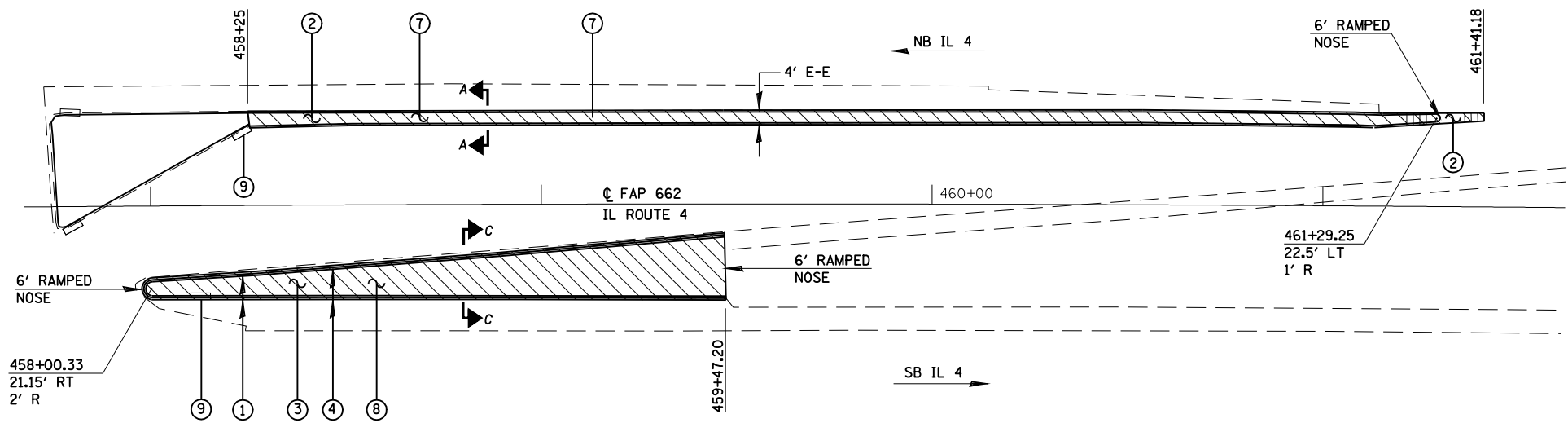


**MEDIAN RECONSTRUCTION-LEFT TURN LANE  
S.B. IL 4 TO E.B. ILES AVE.**

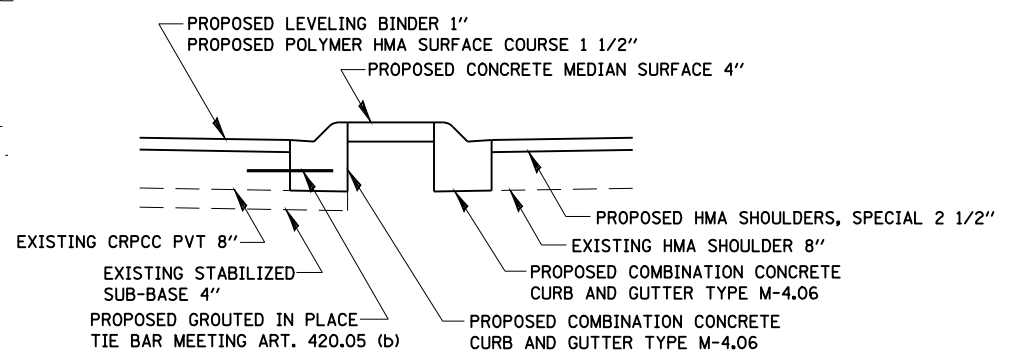
<b>CUMMINS ENGINEERING CORPORATION</b>		JOB - 2200											
FILE NAME =		FILE - sht-details4.dgn	DESIGNED - NAK	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		<b>MEDIAN RECONSTRUCTION</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Projects\d652204\cummins_final\d67289-sht-details4.dgn		DRAWN - AJH	REVISED -	662					2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	117	
PLOT SCALE = 40.0000' / IN.		CHECKED - NAK	REVISED -	CONTRACT NO. 72889									
PLOT DATE = Mar-18-2008 11:42:57AM		DATE - 3/15/2008	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT									
					SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.				



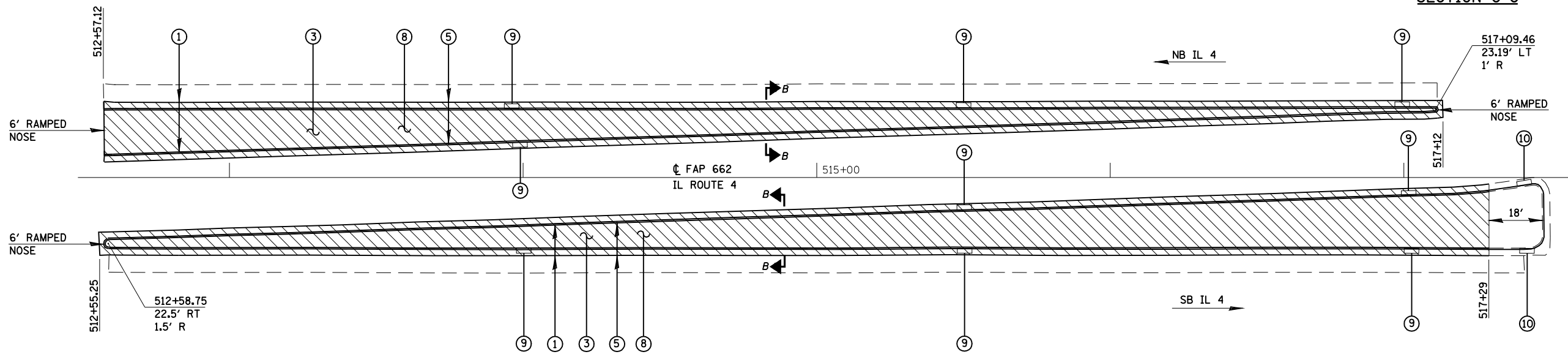
LEGEND	
①	COMBINATION CURB AND GUTTER REMOVAL
②	MEDIAN REMOVAL
③	CONCRETE MEDIAN SURFACE REMOVAL
④	COMBINATION CONCRETE CURB AND GUTTER TYPE M-4.06
⑤	COMBINATION CONCRETE CURB AND GUTTER TYPE M-4.24
⑦	CONCRETE MEDIAN TYPE SM-6.06
⑧	CONCRETE MEDIAN SURFACE, 4 INCH
⑨	INLETS TO BE ADJUSTED
⑩	INLETS TO BE ADJUSTED WITH NEW TYPE 24 FRAME & GRATE
	INDICATES LIMITS OF REMOVAL



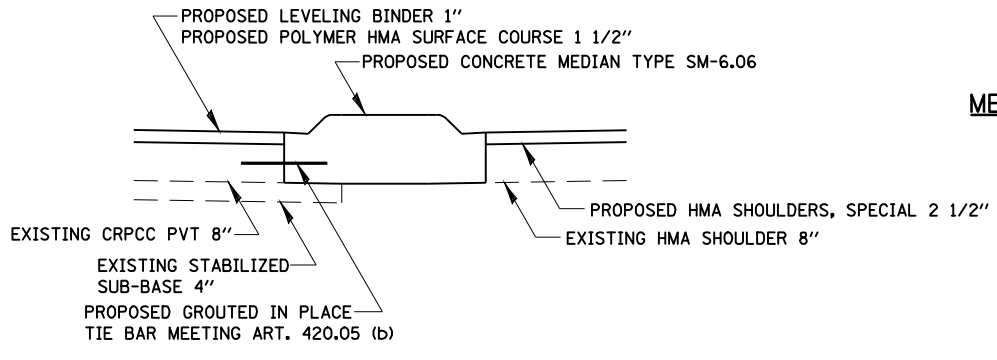
**MEDIAN RECONSTRUCTION-LEFT TURN LANE  
N.B. IL 4 TO W.B. LINDBERGH BLVD.**



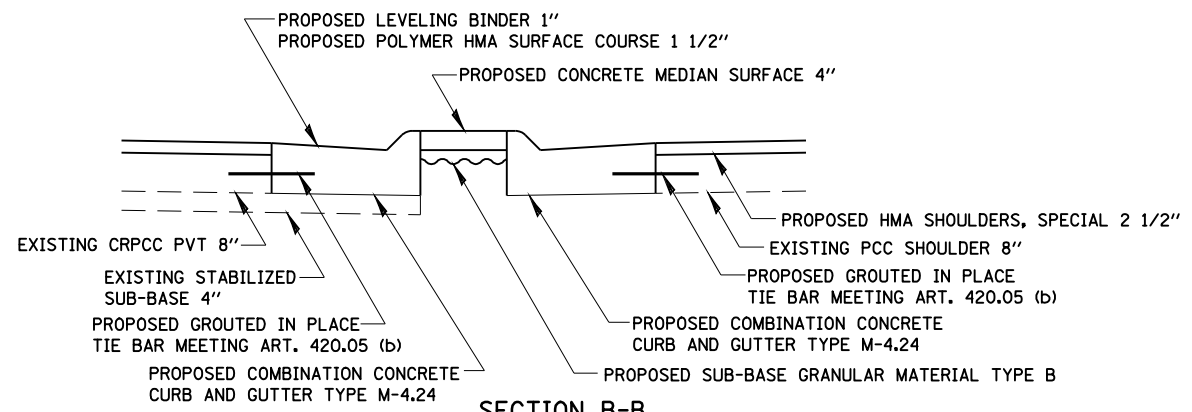
**SECTION C-C**



**MEDIAN RECONSTRUCTION-LEFT TURN LANE  
S.B. IL 4 TO E.B. RECREATION DR.**



**SECTION A-A**

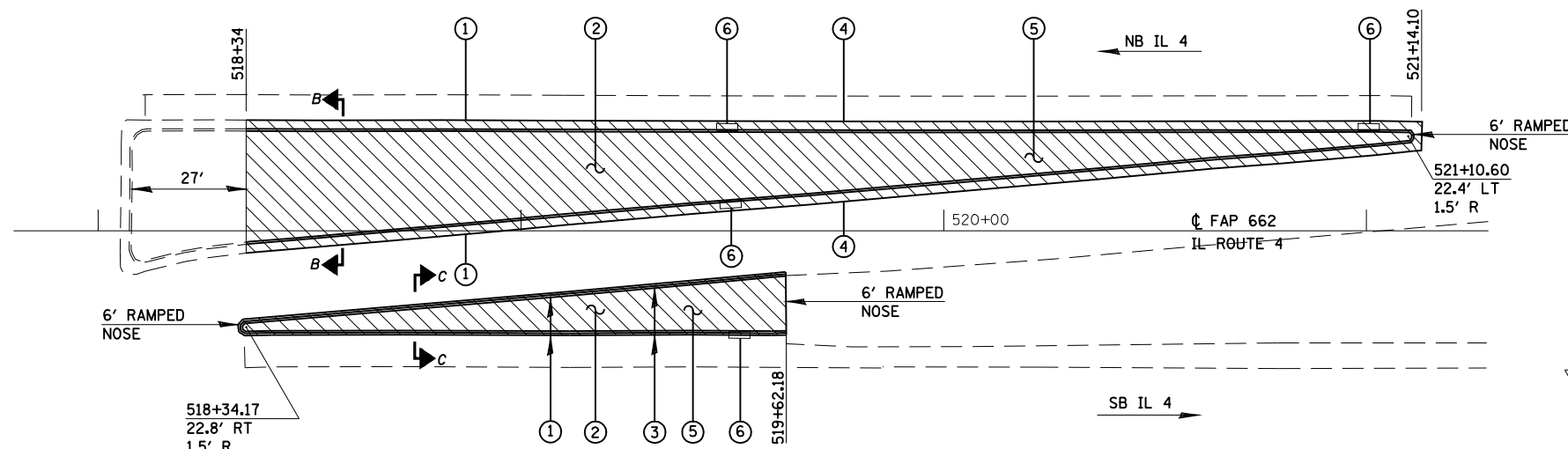


**SECTION B-B**

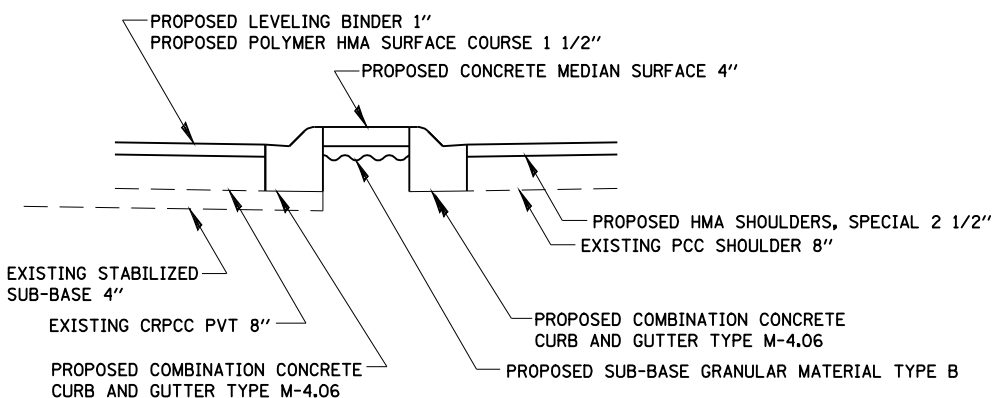
<b>CUMMINS ENGINEERING CORPORATION</b>		JOB - 2200			<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		<b>MEDIAN RECONSTRUCTION</b>		F.A.P. RTE. - 662	SECTION - 2-(RS) & 3-1, 2(RS-10, TS-5)	COUNTY - SANGAMON	TOTAL SHEETS - 181	SHEET NO. - 118
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PLOT DATE = Mar-18-2008 11:42:58AM													



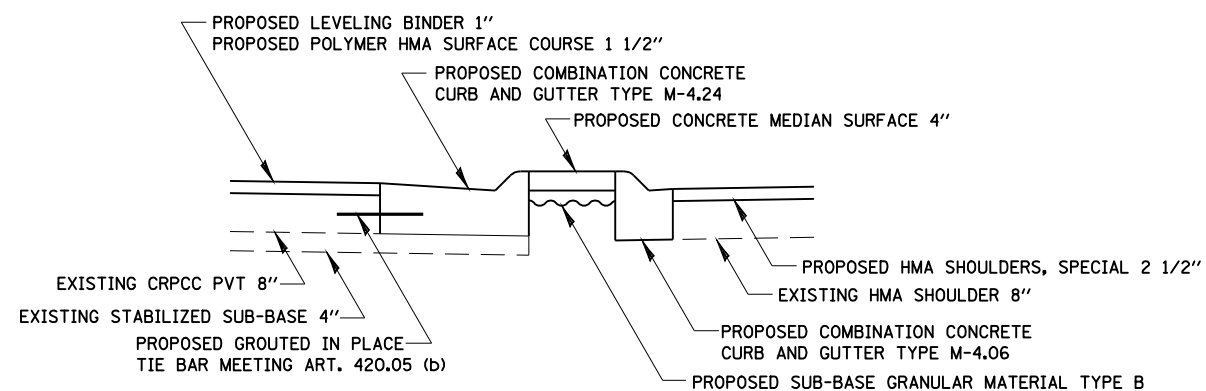
LEGEND	
①	COMBINATION CURB AND GUTTER REMOVAL
②	CONCRETE MEDIAN SURFACE REMOVAL
③	COMBINATION CONCRETE CURB AND GUTTER TYPE M-4.06
④	COMBINATION CONCRETE CURB AND GUTTER TYPE M-4.24
⑤	CONCRETE MEDIAN SURFACE, 4 INCH
⑥	INLETS TO BE ADJUSTED
⑦	MANHOLES TO BE ADJUSTED
	INDICATES LIMITS OF REMOVAL



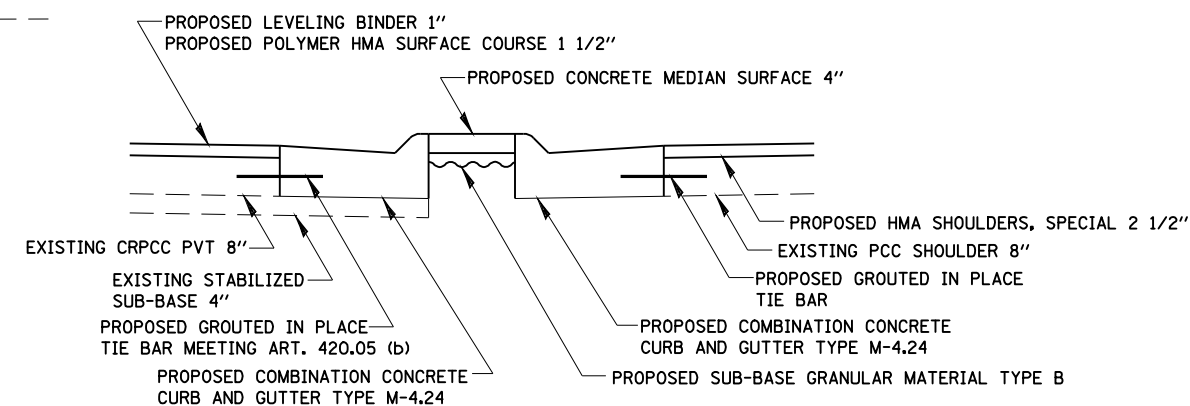
**MEDIAN RECONSTRUCTION-LEFT TURN LANE  
N.B. IL 4 TO W.B. MATHERS RD.**



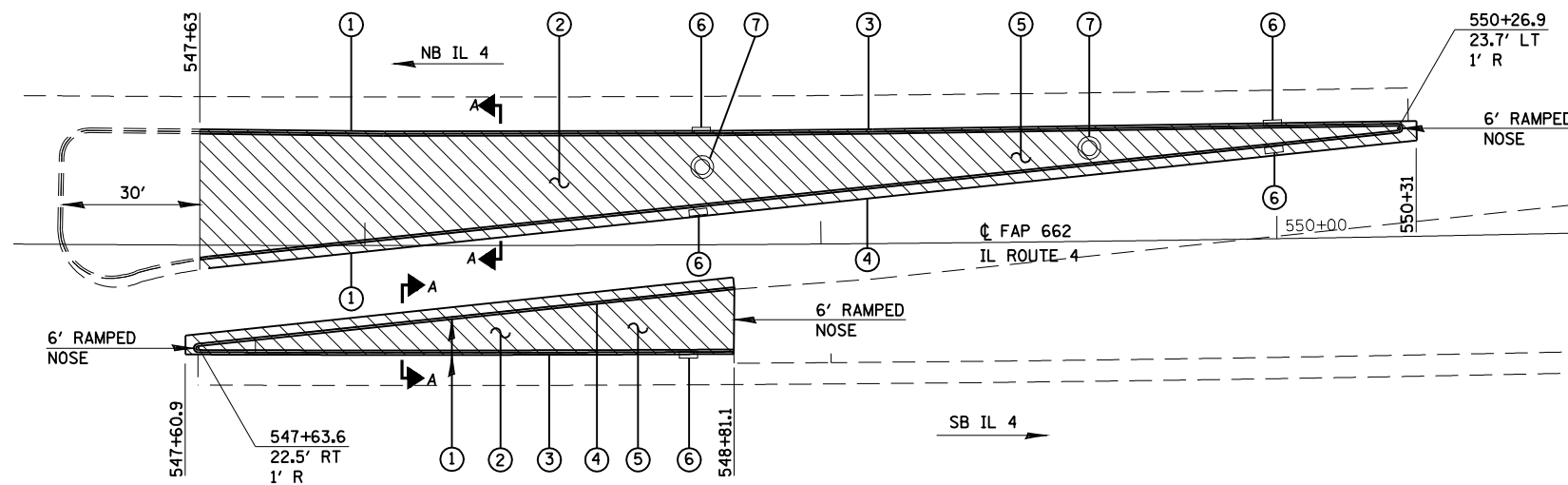
**SECTION C-C**



**SECTION A-A**



**SECTION B-B**



**MEDIAN RECONSTRUCTION-LEFT TURN LANE  
N.B. IL 4 TO W.B. PANTHER CREEK DR.**

<b>CUMMINS ENGINEERING CORPORATION</b>		JOB - 2200	DESIGNED - NAK	REVISED -
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C:\Projects\d652204\cummins_final\d67289-sht-details4.dgn			CHECKED - NAK	REVISED -
			DATE - 3/15/2008	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

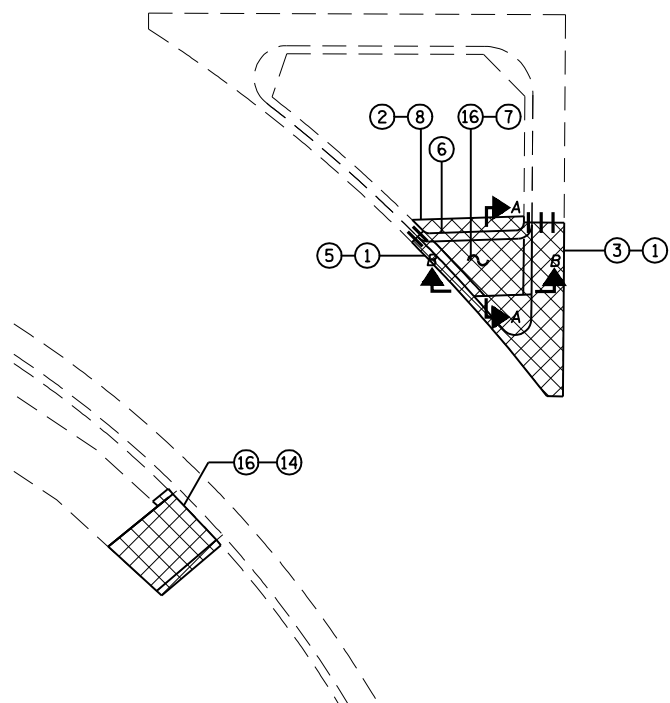
**MEDIAN RECONSTRUCTION**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

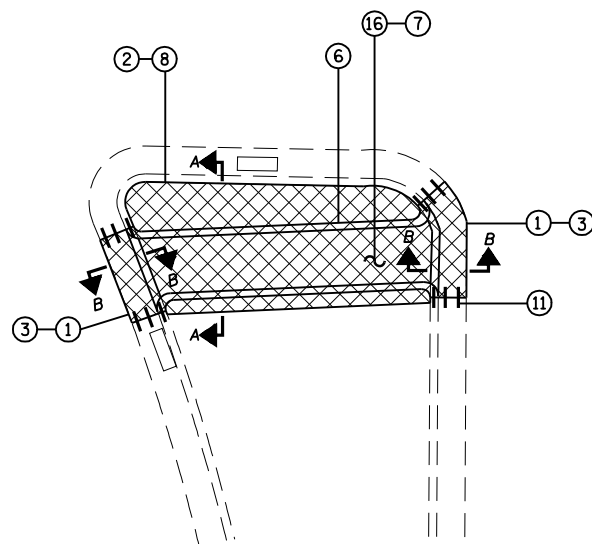
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	119
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72889	

GREENBRIAR DR

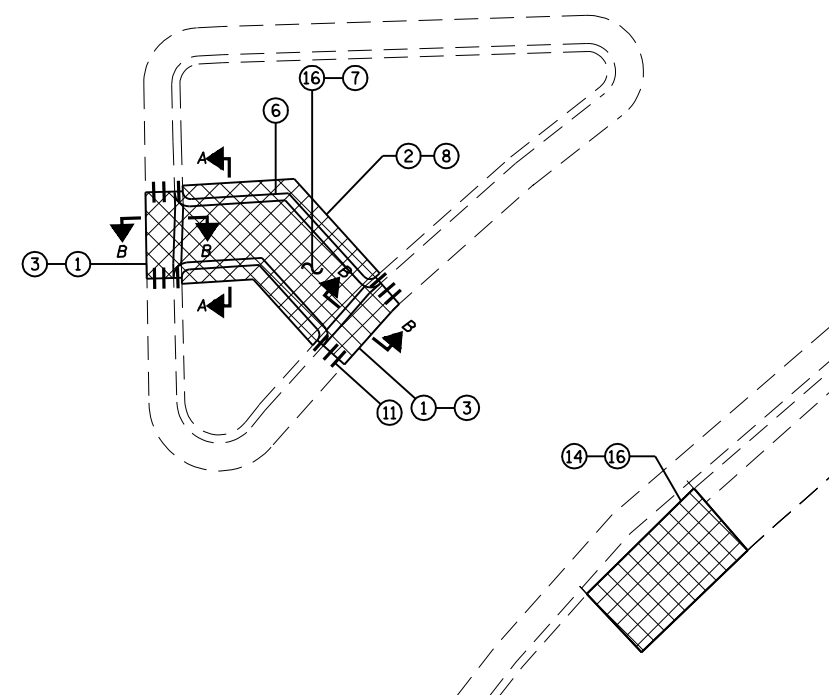
GREENBRIAR DR



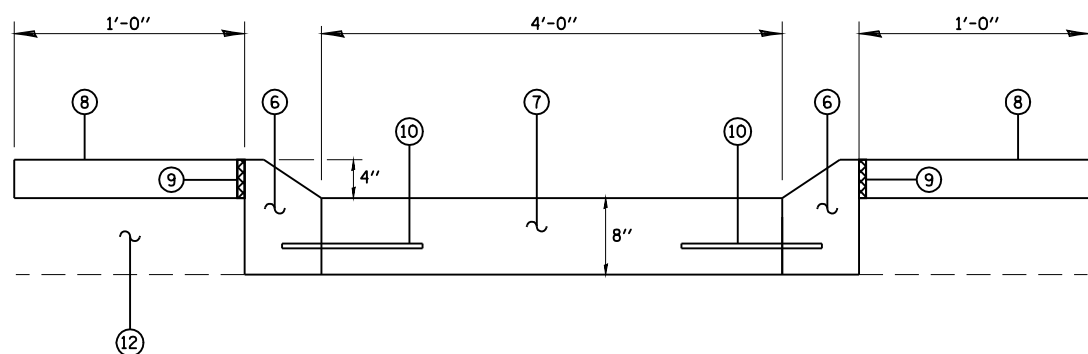
SB IL 4



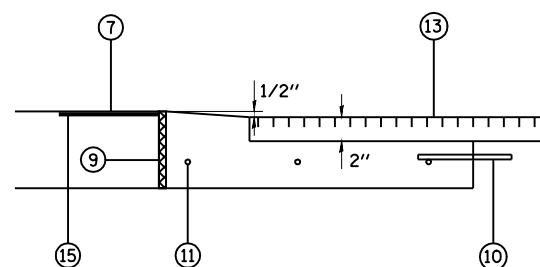
NB IL 4



GREENBRIAR DR SIDEWALK PLAN



SECTION A-A



SECTION B-B

LEGEND

- ① EXIST. COMBINATION CURB AND GUTTER TBR
  - ② EXIST. 4" CONCRETE MEDIAN SURFACE TBR
  - ③ PROP. COMBINATION CURB AND GUTTER TYPE M-6.24
  - ④ PROP. COMBINATION CURB AND GUTTER TYPE B-6.24
  - ⑤ PROP. COMBINATION CURB AND GUTTER TYPE M-6.06
  - ⑥ PROP. CONCRETE CURB TYPE M (SPECIAL)
  - ⑦ PROP. P.C.C. SIDEWALK 8"
  - ⑧ PROP. CONCRETE MEDIAN SURFACE 4"
  - ⑨ PROP. 3/4" PREFORMED EXPANSION JOINT FILLER (TYP.)
  - ⑩ PROP. TIE BAR
  - ⑪ PROP. DOWEL BAR
  - ⑫ PROP. SUB BASE GRANULAR MATERIAL MATERIAL TYPE B
  - ⑬ PROP. HMA RESURFACING
  - ⑭ PROP. P.C.C. SIDEWALK 4"
  - ⑮ PROP. DETECTABLE WARNINGS
  - ⑯ SIDEWALK REMOVAL
  - ⑰ REBUILD EXISTING SIDEWALKS
- ▨ INDICATES PCC SURFACE REMOVAL-BUTT JOINT OR HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT

NOTE:

1. FOR ADDITIONAL INFORMATION ABOUT CURB AND GUTTER, MEDIAN AND SIDEWALK SEE STD. 424001, 606001, & 606301
2. UNLESS OTHERWISE SHOWN ALL RADII ARE 1'

CUMMINS ENGINEERING CORPORATION

JOB	- 2200
FILE	- sht-details4.dgn
DESIGNED	- NAK
DRAWN	- AJH
CHECKED	- NAK
DATE	- 3/15/2008

FILE NAME =	USER NAME = laughlinr1
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PLOT SCALE = 40.0000' / IN.	
PLOT DATE = Mar-18-2008 11:43:02AM	

REVISION	DATE	BY
REVISION		
REVISION		
REVISION		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSSWALK & ISLAND DETAILS

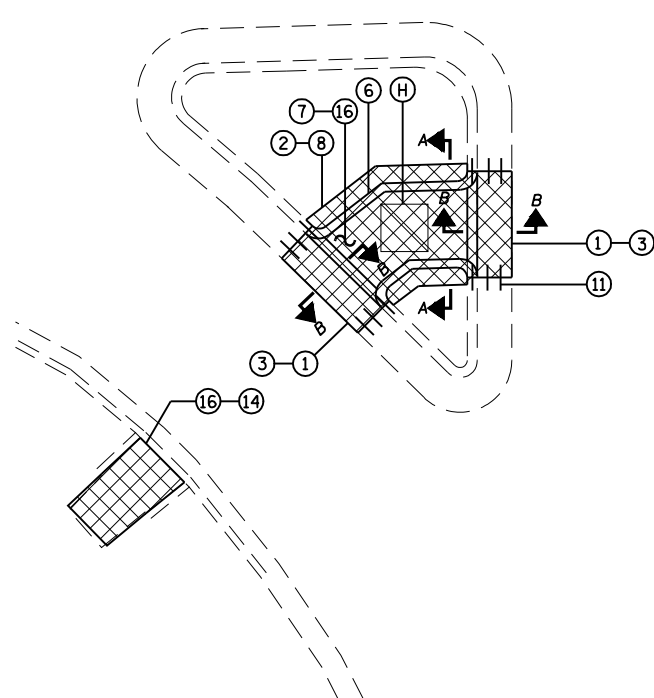
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	120
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72889	

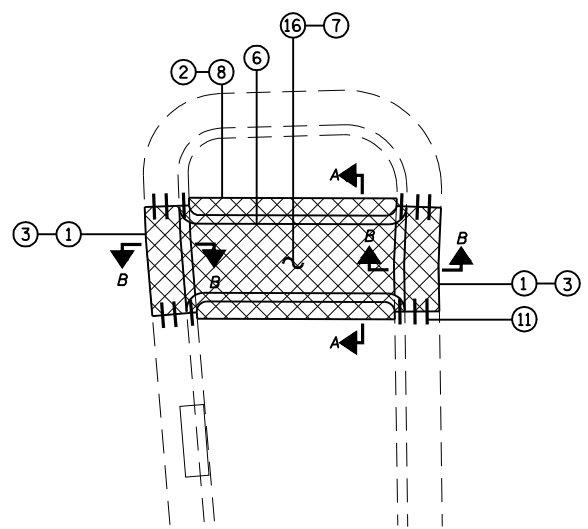


ILES AVE

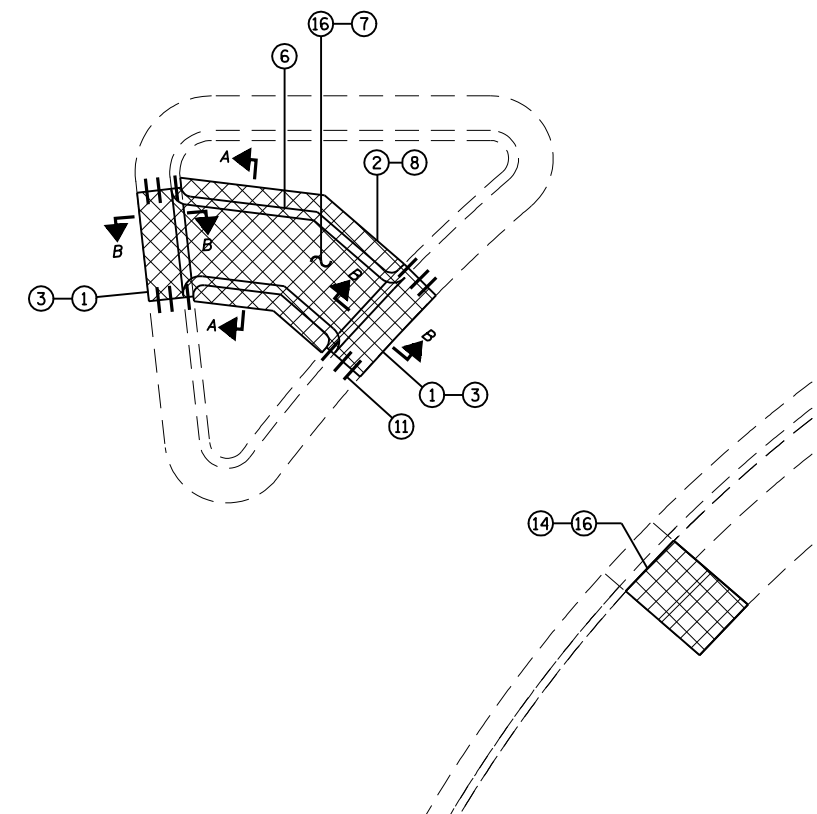
ILES AVE



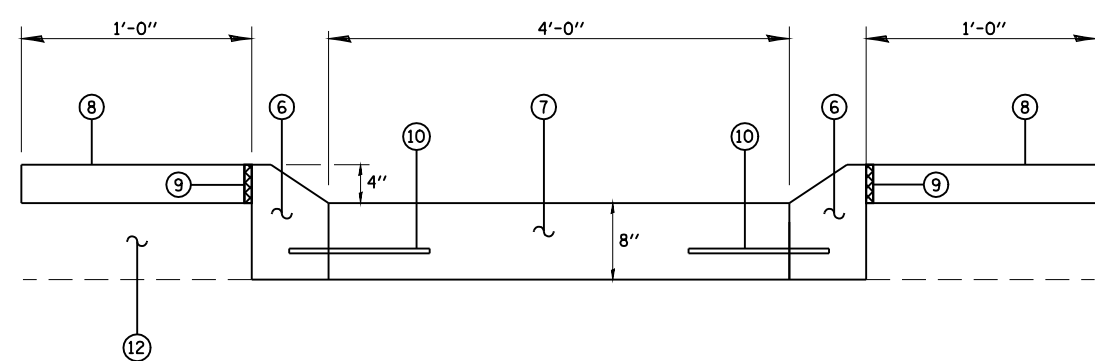
SB IL 4



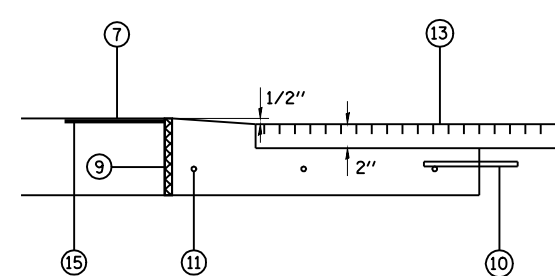
NB IL 4



ILES AVE SIDEWALK PLAN



SECTION A-A



SECTION B-B

LEGEND

- ① EXIST. COMBINATION CURB AND GUTTER TBR
  - ② EXIST. 4" CONCRETE MEDIAN SURFACE TBR
  - ③ PROP. COMBINATION CURB AND GUTTER TYPE M-6.24
  - ④ PROP. COMBINATION CURB AND GUTTER TYPE B-6.24
  - ⑤ PROP. COMBINATION CURB AND GUTTER TYPE M-6.06
  - ⑥ PROP. CONCRETE CURB TYPE M (SPECIAL)
  - ⑦ PROP. P.C.C. SIDEWALK 8"
  - ⑧ PROP. CONCRETE MEDIAN SURFACE 4"
  - ⑨ PROP. 3/4" PREFORMED EXPANSION JOINT FILLER (TYP.)
  - ⑩ PROP. TIE BAR
  - ⑪ PROP. DOWEL BAR
  - ⑫ PROP. SUB BASE GRANULAR MATERIAL MATERIAL TYPE B
  - ⑬ PROP. HMA RESURFACING
  - ⑭ PROP. P.C.C. SIDEWALK 4"
  - ⑮ PROP. DETECTABLE WARNINGS
  - ⑯ SIDEWALK REMOVAL
  - Ⓜ REBUILD EXISTING SIDEWALKS
- ▨ INDICATES PCC SURFACE REMOVAL-BUTT JOINT OR HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT

NOTE:

- 1. FOR ADDITIONAL INFORMATION ABOUT CURB AND GUTTER, MEDIAN AND SIDEWALK SEE STD. 424001, 606001, & 606301
- 2. UNLESS OTHERWISE SHOWN ALL RADII ARE 1'

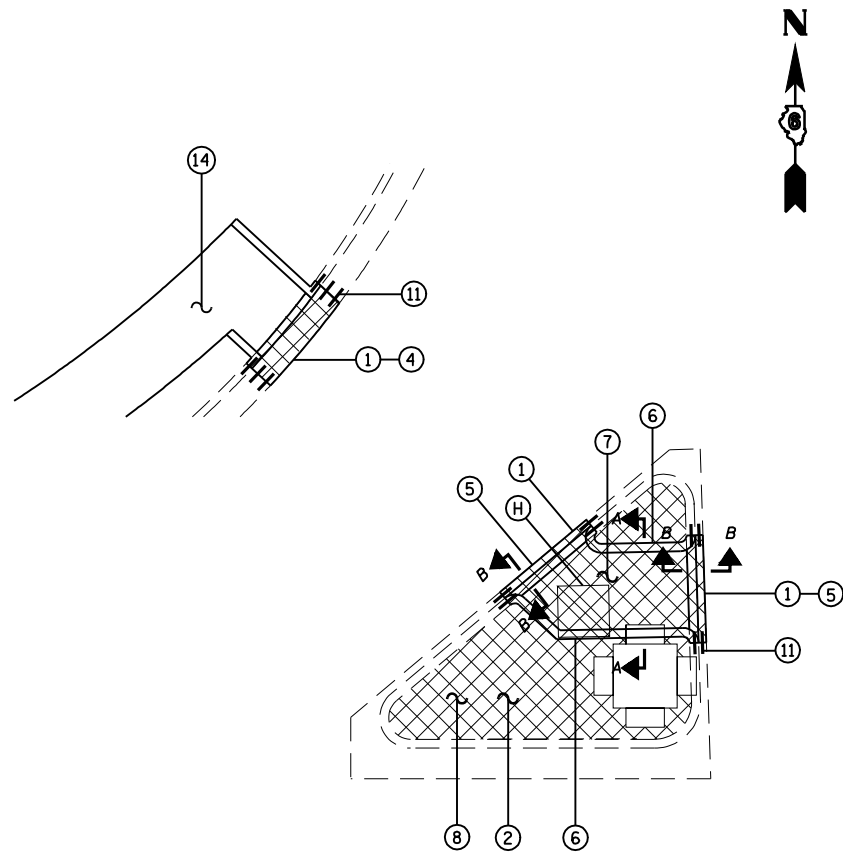
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C:\Projects\d652204\cummins_final\d67289-sht-details4.dgn			CHECKED - NAK	REVISED -
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	PLOT DATE = Mar-18-2008 11:43:05AM			

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

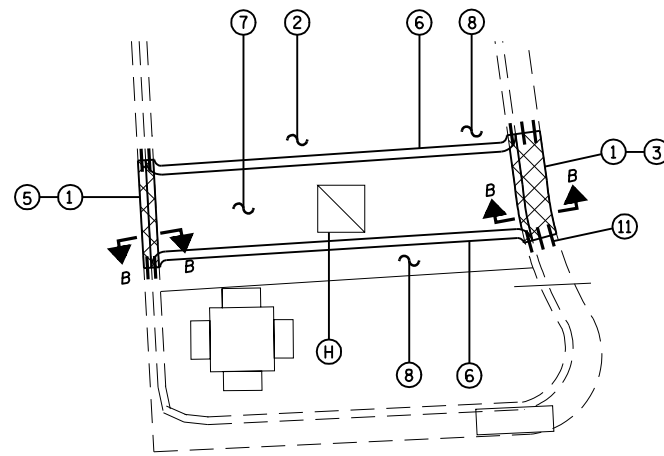
CROSSWALK & ISLAND DETAILS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	121
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72889	

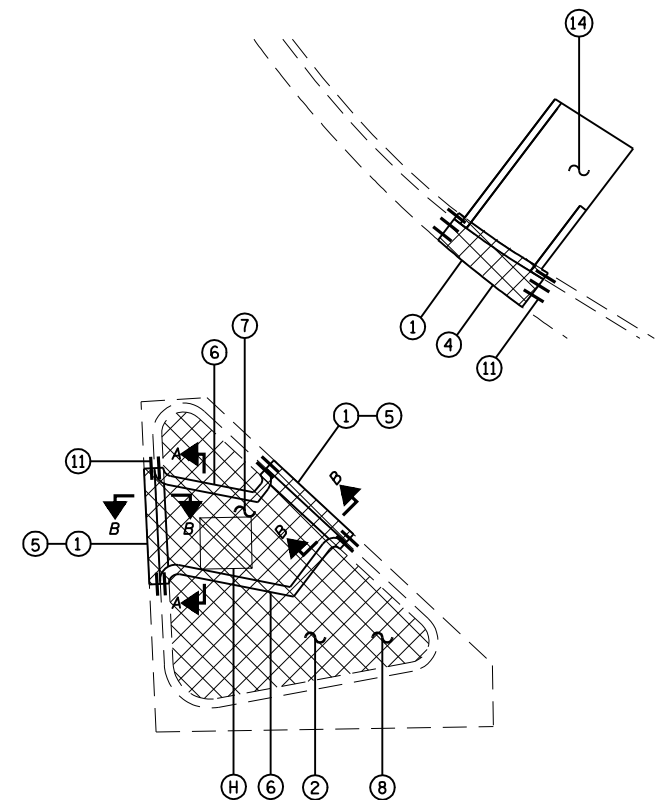


SB VETERANS PARKWAY

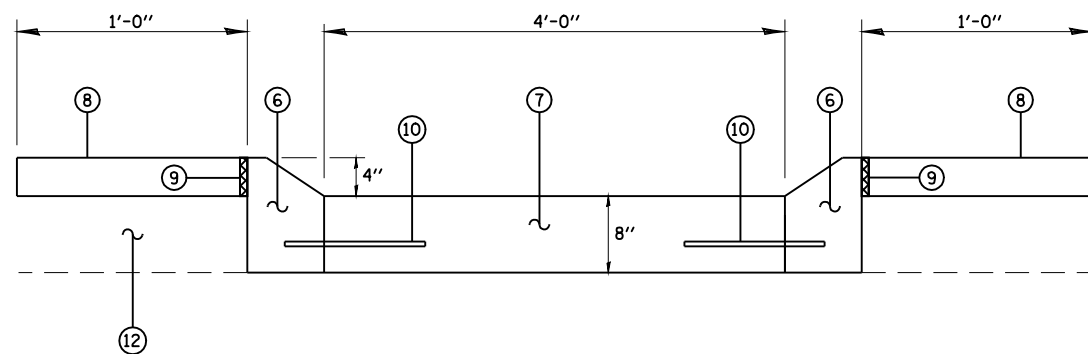


LINDBERGH DR SIDEWALK PLAN

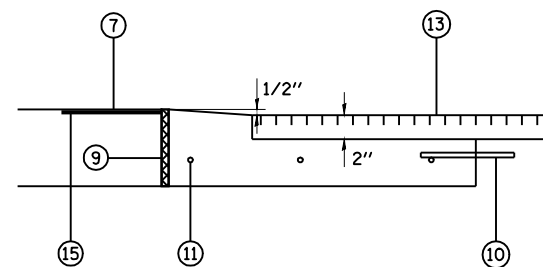
NB VETERANS PARKWAY



LINDBERGH BLVD



SECTION A-A



SECTION B-B

**LEGEND**

- ① EXIST. COMBINATION CURB AND GUTTER TBR
  - ② EXIST. 4" CONCRETE MEDIAN SURFACE TBR
  - ③ PROP. COMBINATION CURB AND GUTTER TYPE M-6.24
  - ④ PROP. COMBINATION CURB AND GUTTER TYPE B-6.24
  - ⑤ PROP. COMBINATION CURB AND GUTTER TYPE M-6.06
  - ⑥ PROP. CONCRETE CURB TYPE M (SPECIAL)
  - ⑦ PROP. P.C.C. SIDEWALK 8"
  - ⑧ PROP. CONCRETE MEDIAN SURFACE 4"
  - ⑨ PROP. 3/4" PREFORMED EXPANSION JOINT FILLER (TYP.)
  - ⑩ PROP. TIE BAR
  - ⑪ PROP. DOWEL BAR
  - ⑫ PROP. SUB BASE GRANULAR MATERIAL MATERIAL TYPE B
  - ⑬ PROP. HMA RESURFACING
  - ⑭ PROP. P.C.C. SIDEWALK 4"
  - ⑮ PROP. DETECTABLE WARNINGS
  - ⑯ SIDEWALK REMOVAL
  - Ⓗ REBUILD EXISTING SIDEWALKS
- ▨ INDICATES PCC SURFACE REMOVAL-BUTT JOINT OR HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT

**NOTE:**

1. FOR ADDITIONAL INFORMATION ABOUT CURB AND GUTTER, MEDIAN AND SIDEWALK SEE STD. 424001, 606001, & 606301
2. UNLESS OTHERWISE SHOWN ALL RADII ARE 1'

<b>CUMMINS ENGINEERING CORPORATION</b>		JOB - 2200
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FILE NAME = C:\Projects\d652204\cummins_final\d67289-sht-details4.dgn	DESIGNED - NAK	REVISED -
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	DATE - 3/15/2008	REVISED -

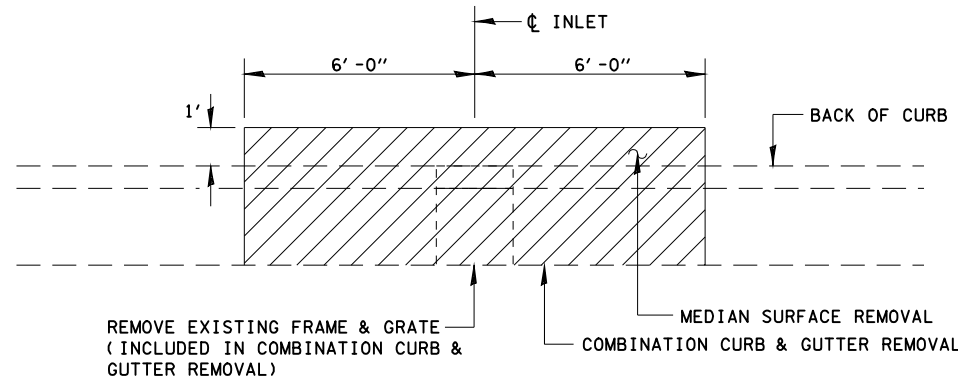
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSSWALK & ISLAND DETAILS**

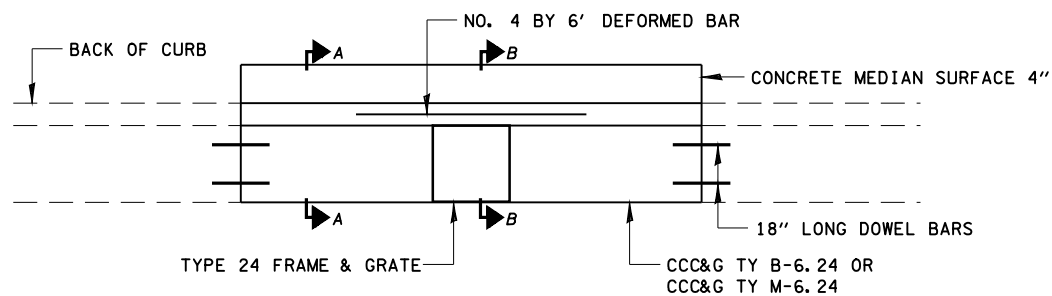
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	122
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72889	

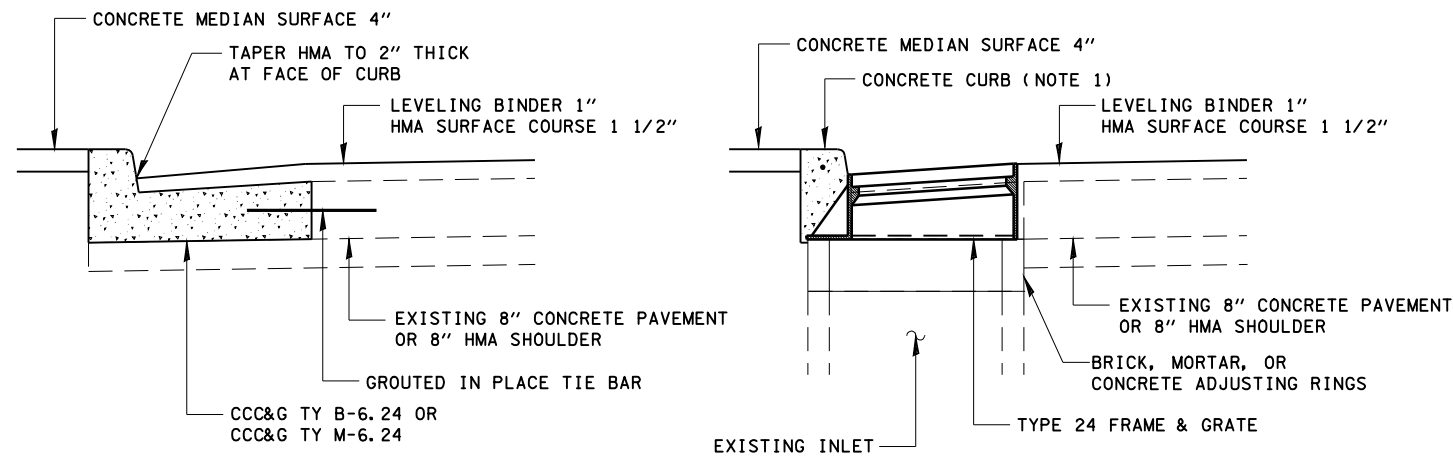
**INLETS TO BE ADJUSTED WITH NEW TYPE 24 FRAME & GRATE  
EXISTING M-6.24 CURB AND GUTTER OR B-6.24 CURB AND GUTTER**



**PLAN SHOWING REMOVAL**



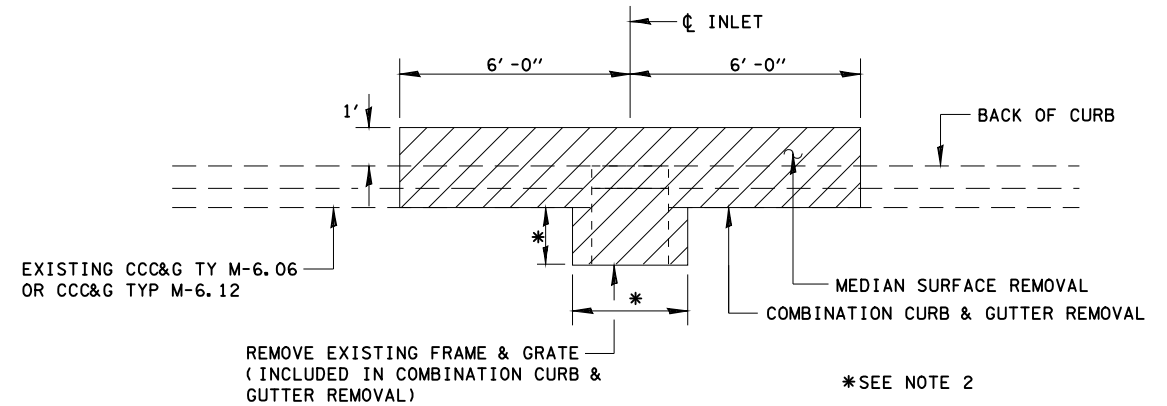
**PLAN SHOWING PROPOSED**



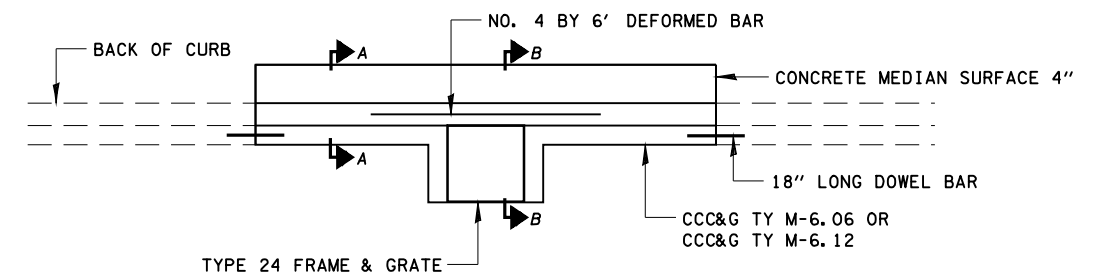
**SECTION A-A**

**SECTION B-B**

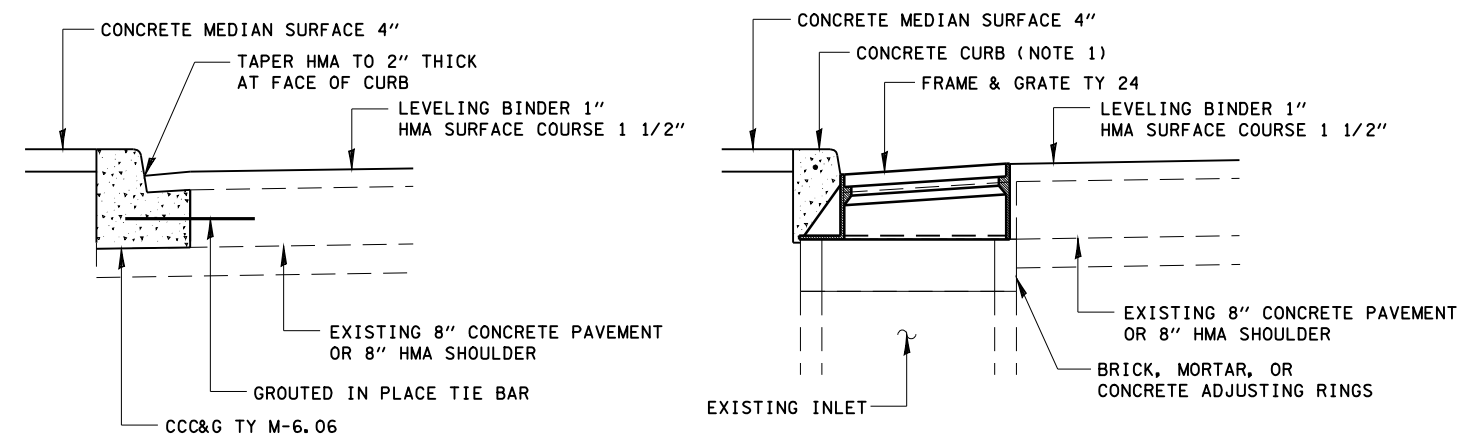
**INLETS TO BE ADJUSTED WITH NEW TYPE 24 FRAME & GRATE  
EXISTING M-6.06 CURB AND GUTTER OR M-6.12 CURB AND GUTTER**



**PLAN SHOWING REMOVAL**



**PLAN SHOWING PROPOSED**



**SECTION A-A**

**SECTION B-B**

- NOTES:  
1. THE HEIGHT OF THE PROPOSED CURB SHALL MATCH THE HEIGHT OF THE EXISTING CURB  
2. REMOVE A MINIMUM OF 12" OF PAVEMENT OR SHOULDER FROM AROUND FRAME AND GRATE

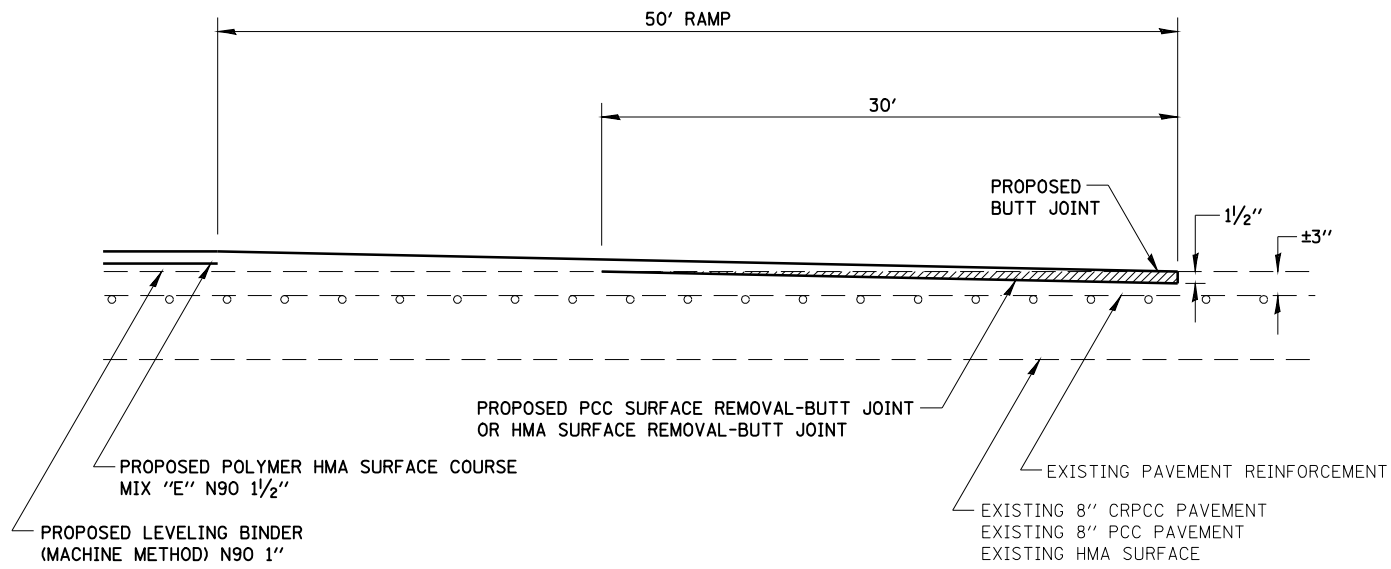
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	DRAWN - AJH	REVISED -
	CHECKED -	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

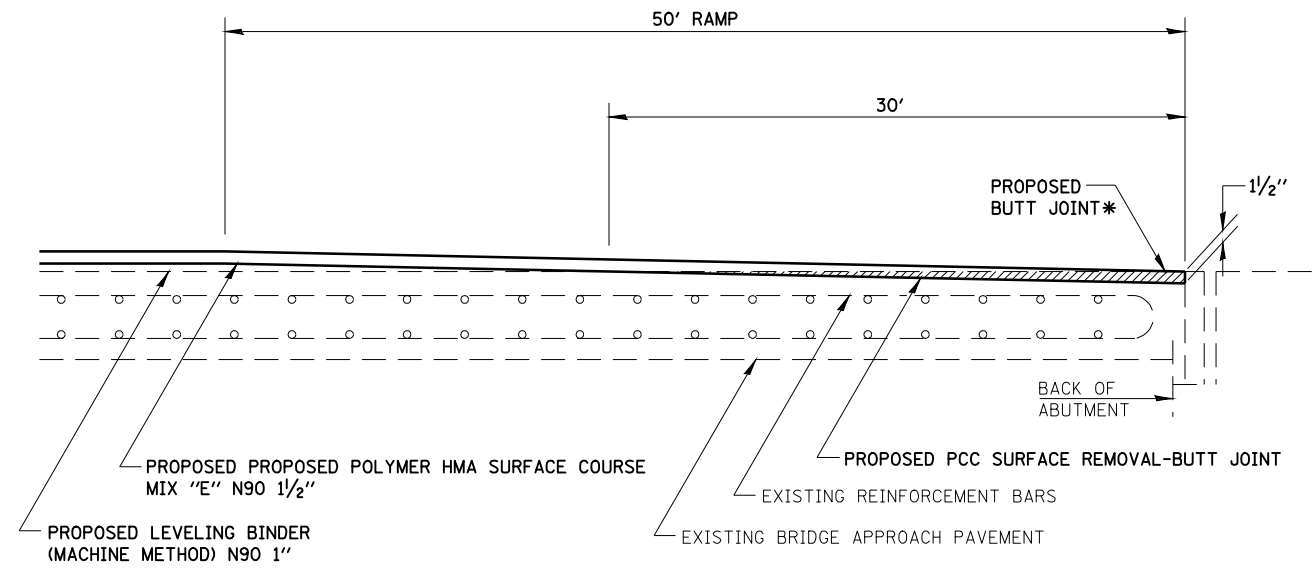
**INLETS TO BE ADJUSTED**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	123
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72889	

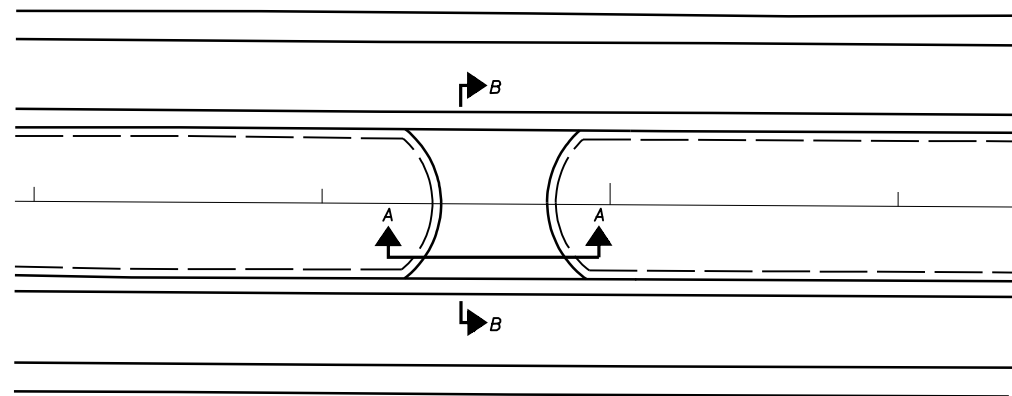


**BUTT JOINT DETAIL**

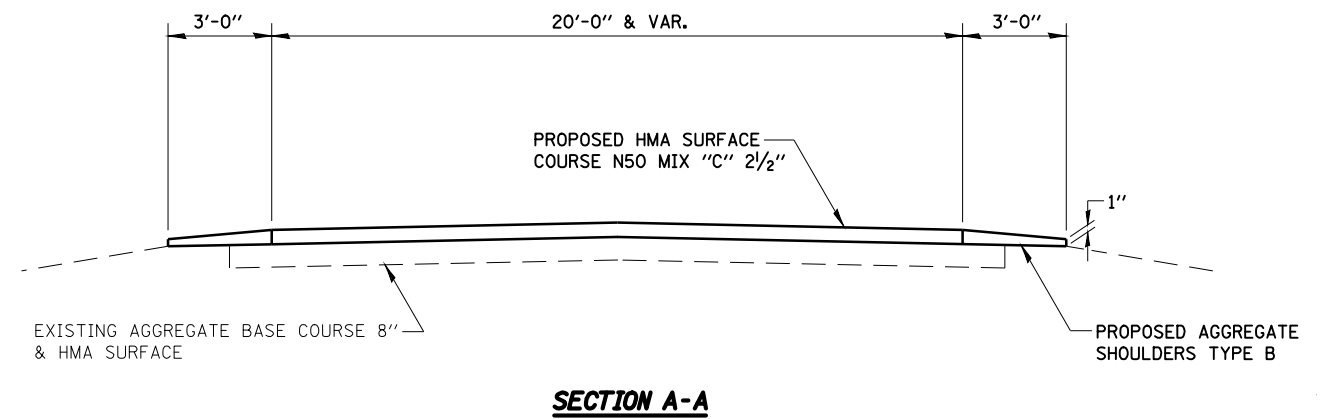


**TYPICAL BUTT JOINT DETAIL AT BRIDGE**

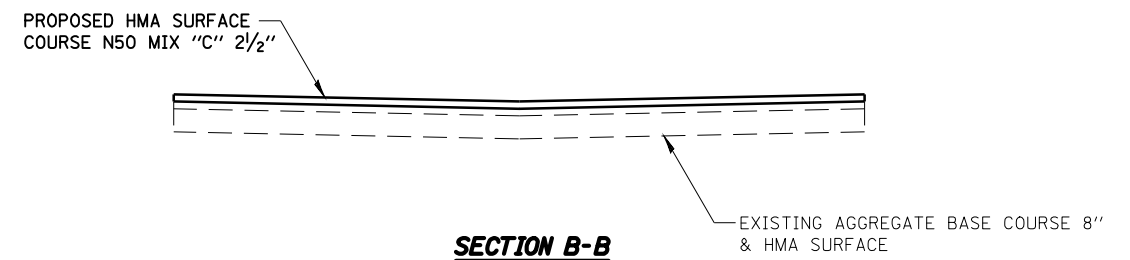
\*EXACT LOCATION OF BUTT JOINTS SHALL BE DETERMINED BY THE ENGINEER. MILLING FOR BUTT JOINTS SHALL EXTEND FROM OUTSIDE OF PAVED SHOULDER TO OUTSIDE OF PAVED SHOULDER



**DETAIL OF MEDIAN CROSSOVER AT ENTRANCES**



**SECTION A-A**



**SECTION B-B**

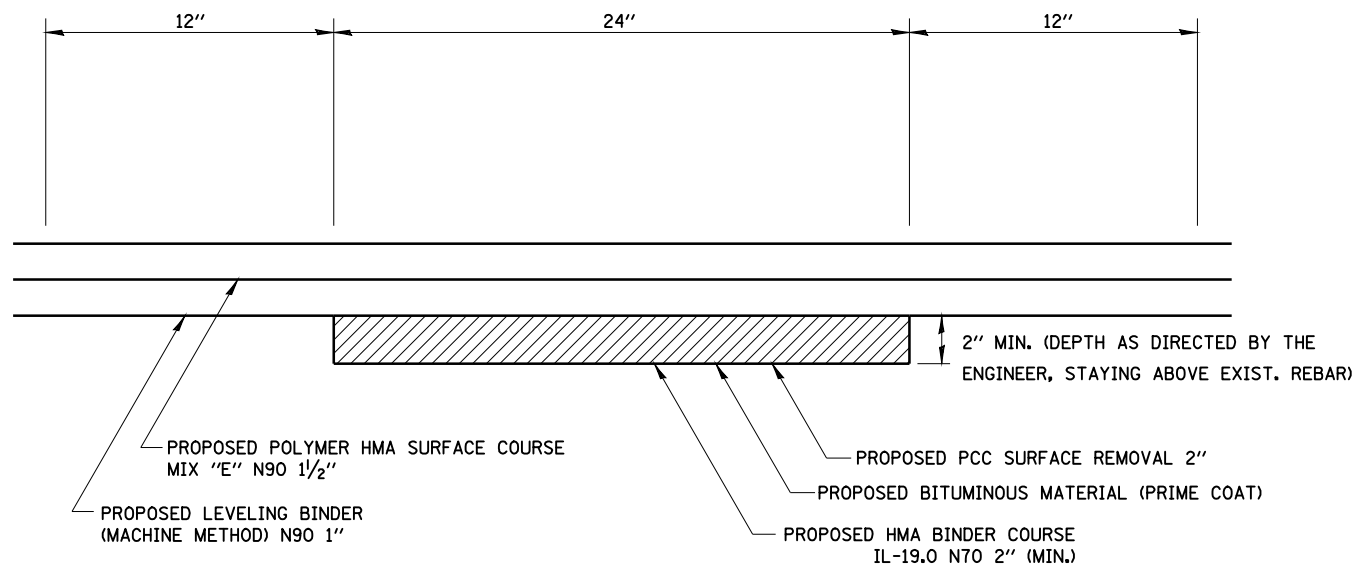
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

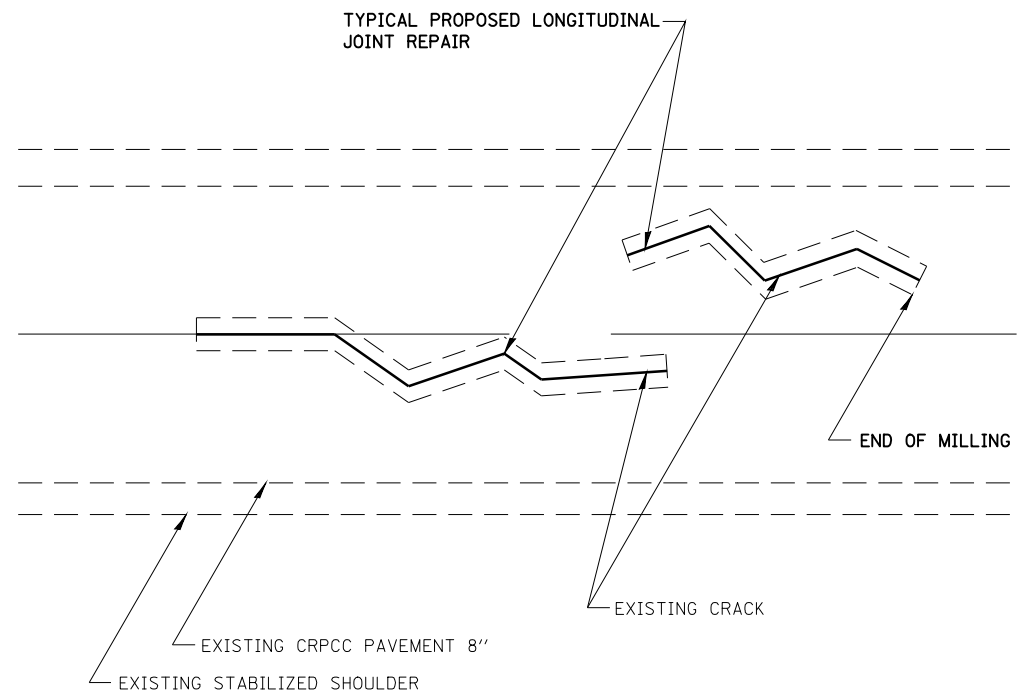
**BUTT JOINT DETAILS  
MEDIAN CROSSOVER DETAILS**

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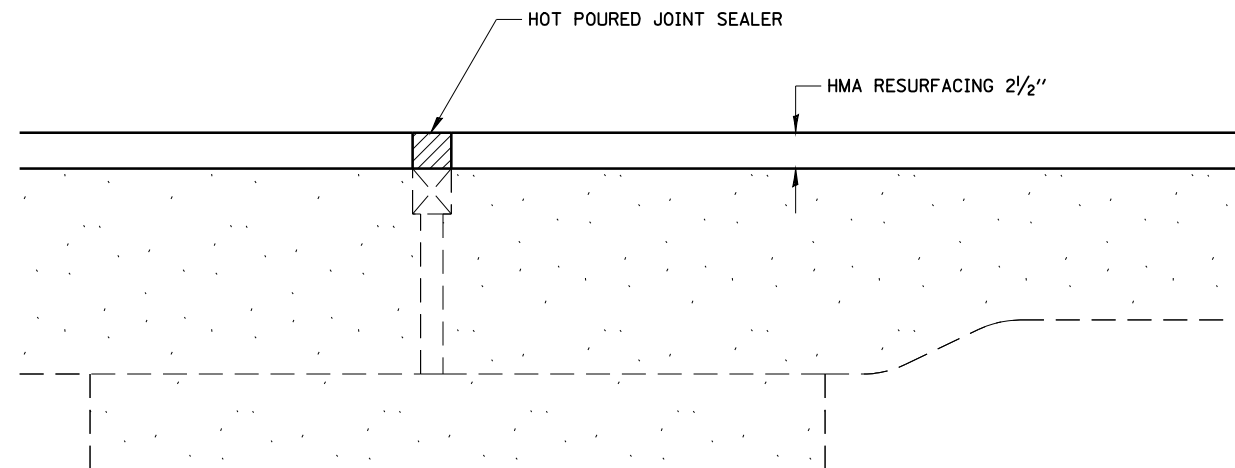
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	2-(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	124
CONTRACT NO. 72889				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



**(TYPICAL) PROPOSED LONGITUDINAL JOINT REPAIR DETAIL**



**PROPOSED LONGITUDINAL JOINT REPAIR PLAN VIEW**



**PREFORMED JOINT SEAL TREATMENT SECTION A-A (AT PREFORMED JOINT)**

**NOTE:**

CONTRACTOR TO SURFACE OVER EXISTING PREFORMED JOINT SEALER. UPON COMPLETION OF RESURFACING, CONTRACTOR IS TO SAW CUT AT THE EDGE OF THE PJS AND REMOVE THE BITUMINOUS MATERIAL, COST TO BE INCLUDED WITH HMA RESURFACING ITEMS.

CONTRACTOR TO PLACE HOT POURED JOINT SEALER PER STANDARD SPECIFICATION 1050.02 OVER PJS, COST TO BE INCLUDED IN HMA RESURFACING ITEMS.

CONTRACTOR IS TO NOTE LOCATION OF PREFORMED JOINT SEAL PRIOR TO RESURFACING TO ALLOW EDGES TO BE IDENTIFIED FOR SAW CUT LOCATION.

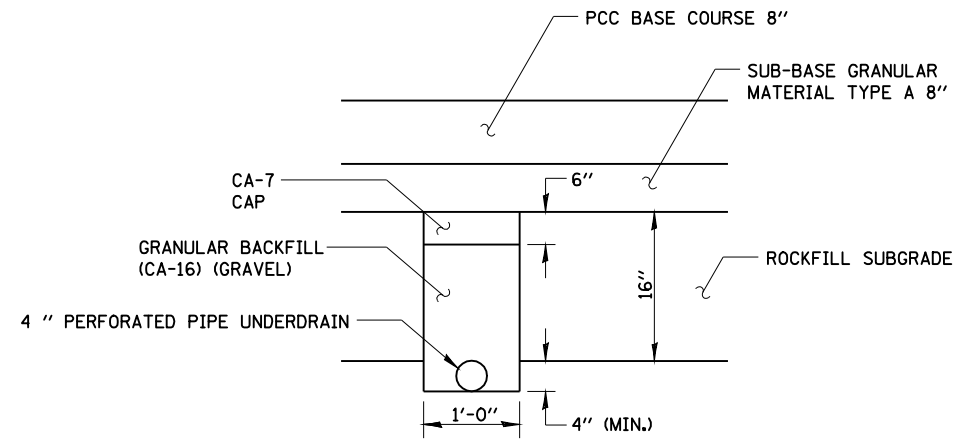
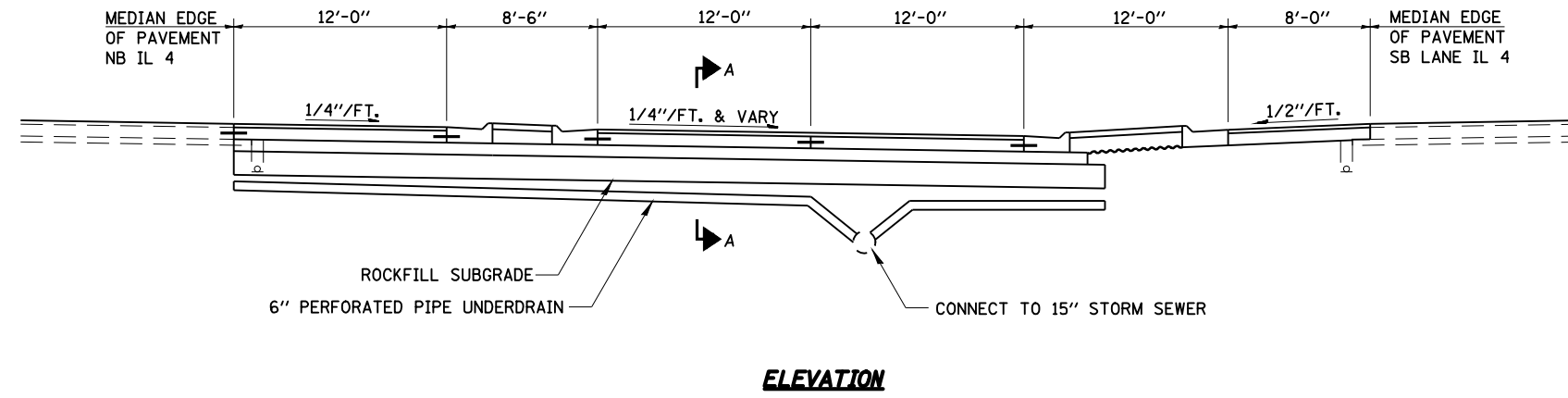
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	PLOT DATE = Mar-18-2008 11:43:13AM		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LONGITUDINAL JOINT REPAIR  
PREFORMED JOINT SEAL TREATMENT**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	125
CONTRACT NO. 72889				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



**NOTE:**

1. TRANSVERSE DRAIN MATERIALS AND CONSTRUCTION SHALL CONFORM TO SECTION 601 OF THE STANDARD SPECIFICATIONS EXCEPT THAT NO FABRIC ENVELOPE IS REQUIRED ON PERFORATED PIPE AND THE GRANULAR BACKFILL GRADATION SHALL BE CA-16 GRAVEL.
2. ALL MATERIALS WILL NOT BE MEASURED SEPARATELY, BUT WILL BE INCLUDED IN THE COST PER UNIT FOR TRANSVERSE DRAINS.
3. PIPE UNDERDRAINS MAY BE DELETED WITHIN ROCKFILL AREAS WHERE TRANSVERSE DRAINS ARE INSTALLED.

<b>CUMMINS ENGINEERING CORPORATION</b>		JOB - 2200
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USER NAME = laughlinr1	DESIGNED - NAK	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

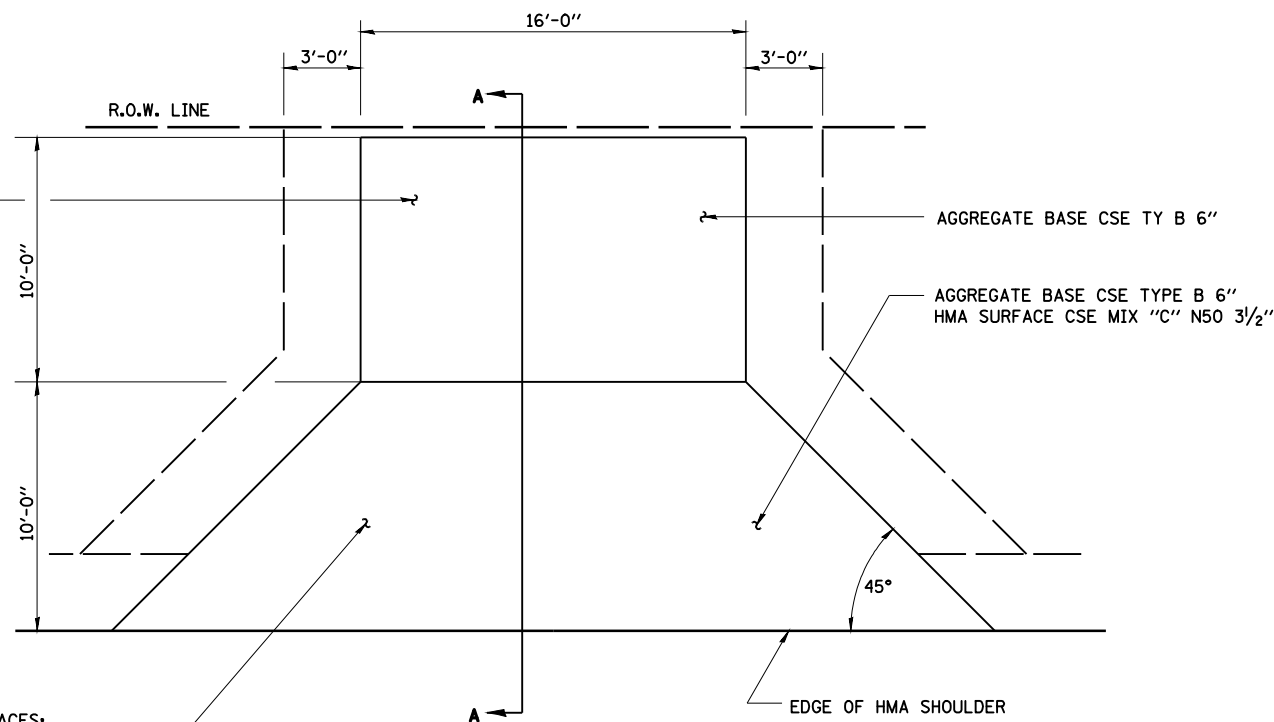
**TRANSVERSE DRAIN DETAIL**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	126
CONTRACT NO. 72889				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

MATCH EX SURFACE TYPE (AGGREGATE OR BETTER)  
 FOR EX AGGREGATE SURFACES:  
 PR AGGREGATE BASE COURSE TYPE B, 150mm (6") - PE  
 FOR EX HMA CONC SURFACES:  
 PR HMA SURFACE REMOVAL-BUTT JOINT  
 PR AGGREGATE BASE COURSE TYPE B, 150mm (6") - PE  
 PR HMA SURF CSE MIX "C" N50 90mm (3 1/2") - PE

FOR EX AGGREGATE OR HMA CONC SURFACES:  
 PR HMA SURFACE REMOVAL-BUTT JOINT (IF APPLICABLE)  
 PR AGGREGATE BASE COURSE TYPE B, 150mm (6") &  
 PR HMA SURF CSE MIX "C" N50 90mm (3 1/2") - PE



**GENERAL NOTES:**

THE RESIDENT ENGINEER WILL DETERMINE THE EXACT TYPE OF IMPROVEMENT TO BE COMPLETED FOR ALL ENTRANCES, SIDEROADS AND MAILBOX TURNOUTS ON THIS PROJECT.

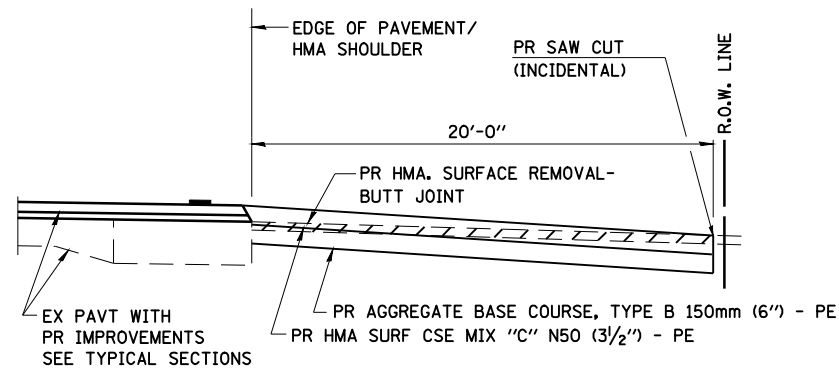
THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

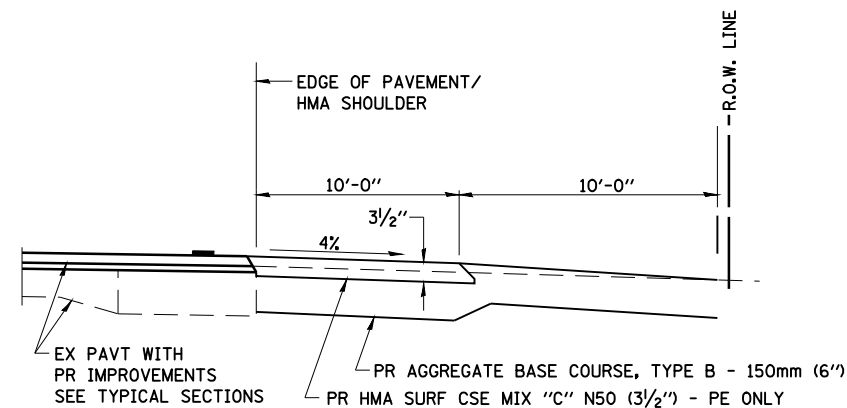
HMA CONCRETE REQUIRED TO CONSTRUCT THE ENTRANCES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 406 AND 408 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

WHEN THE HMA CONCRETE PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 75 mm (3 INCHES) AND REQUIRE PLACEMENT IN MORE THAN ONE LIFT. THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF HMA BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS AND THE TOP LIFT OF 50 mm (2 INCHES) SHALL MEET THE REQUIREMENTS OF HMA CONCRETE SURFACE COURSE, SUPERPAVE.

THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH SECTIONS 351, 358, 408, 423 AND 440 OF THE STANDARD SPECIFICATIONS.



**SECTION A-A FOR EX HMA PE & CE**



**SECTION A-A FOR EX EARTH/AGGREGATE FE & PE**

ENTRANCE IMPROVEMENT SCHEDULE FOR RURAL / URBAN "3R" PROJECTS								
LOCATION	TYPE OF ENTRANCE	EX MATERIAL TYPE	WIDTH	LENGTH (FROM EDGE OF HMA SHLD TO LIMITS OF IMPROVEMENT)	HMA SURF. REMOVAL-BUTT JOINT	AGGREGATE BASE COURSE TY - B	BIT (P. C.)	HMA SURF. CSE MIX "C" N50
			FOOT	FOOT	SQ. YD.	TON	TON	TON
LT STA 597+89.5	RURAL PE	HMA	16	20	47	16	0.06	9.2
RT STA 609+67	RURAL PE	AGG	16	20		16	0.04	5.7
RT STA 639+22.5	RURAL PE	AGG	16	20		16	0.04	5.7
TOTAL =					47	48	0.14	20.6

3 FOOT WIDE AGGREGATE SHOULDERS SHALL BE CONSTRUCTED THROUGH EXISTING FIELD ENTRANCES

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED - 2/19/03 (JCN)
C:\Projects\d652204\cummins_final\d67289-shr-ent.dgn		DRAWN - CADD	REVISED - 4/01/04 (JCN)
	PLOT SCALE = 40.000' / IN.	CHECKED - JCN	REVISED - 8/01/07 (JCN)
	PLOT DATE = Mar-18-2008 11:43:17AM	DATE - FEBRUARY 23, 1999	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ENTRANCE DETAILS**

SCALE: SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	127
CONTRACT NO. 72889				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

STORM WATER POLLUTION PREVENTION PLAN

Route: FAP 662 Marked: IL 4  
 Section: 2-2(RS) & 3-1, 2(RS-10, TS-5) Project No.:  
 County: SANGAMON Contract No.: 72889

This plan has been prepared to comply with the provision of the NPDES Permit Number ILR10 \_\_\_\_\_ Issued by the Illinois Environmental Protection Agency for storm water discharges from construction site activities.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gathered and evaluated the information submitted. Based on my Inquire of the person or persons who manage the system, or those persons directly responsible for gathering the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

*Christine M. Reed JPH*  
 (Signature) Mar. 20, 2008  
 (Date)

*Regional Engineer*  
 (Title)

Note: The above boxed in area will be filled out by IDOT - Construction after the award of the contract to obtain the required NPDES permit.

The following plan was established and included in these plans to direct the Contractor in the placement of temporary erosion control systems and to provide a storm water pollution prevention plan for compliance under NPDES. The Contractor shall abide to all requirements within this plan as part of the contract.

The purpose of this plan is to prevent / minimize siltation within the construction zone and to eliminate sediments from entering and leaving the construction zone by utilizing proper temporary erosion control systems and providing ground cover within a reasonable time.

Certain items, as shown in this plan and referenced by the legend, shall be placed by the Contractor at the beginning of construction. Other items shall be placed by the Contractor as directed by the Engineer on a case by case situation resulting from the Contractor's sequence of activities, time of the year, and expected weather conditions.

The Contractor shall place permanent erosion control systems and seeding within a reasonable amount of time; therefore, reducing the amount of area being open to the possibility of erosion and reducing the amount of temporary erosion control systems and temporary seeding. The Resident Engineer will determine if temporary erosion control systems shown in the plan can be deleted, the size of the proposed ditch checks, the proper method of installation, and if any additional temporary erosion control systems shall be added which are not included in this plan. The Contractor shall perform all work as directed by the Engineer and as shown in special details and in Standard 280001 of the plans.

The special provisions Temporary Seeding, Temporary Erosion Control Seeding, and Temporary Erosion Control additionally supplement this plan.

All disturbed areas having high potential for erosion, as determined by the Engineer, shall be temporarily seeded or permanently seeded by October 1st of each construction year and shall not be reopened until after the winter shutdown period.

SITE DESCRIPTION

Description of Construction Activity:

1. The project consists of patching and resurfacing IL 4/Veterans Parkway, reconstructing the Southwest Plaza Dr intersection to accommodate dual left turn lanes from NB IL 4/Veterans Parkway, increasing storage in the right turn lane to Southwest Plaza Drive, installing guardrail, and modernizing traffic signals.
2. Construction consists of grading, HMA resurfacing, placing aggregate shoulders, and other miscellaneous work to complete improvements to the proposed roadways.

Description of Intended Sequence of Major Construction Activities Which Will Disturb Earth and Lead to Possible Erosion for Major Portions of the Construction Site:

1. Excavation will be completed at the Southwest Plaza Drive intersection to grade out for the proposed roadway ditches.
2. Drainage structures will be installed during the construction of the excavation to provide proper drainage.
3. Embankment will be placed to widen shoulders at proposed guardrail locations.
4. Placement, maintenance, removal and proper clean-up of temporary erosion control, such as erosion control fence, temporary ditch checks, inlet and pipe protection, and temporary seeding.

Area of Construction Site:

The total area of the construction site is estimated to be approx. 210 acres in which 1.3 acres will be disturbed by excavation, grading or other activities.

Drainage Tributaries Receiving Water from this Construction Site:

LICK CREEK

FILE NAME =	USER NAME = default	DESIGNED -	REVISED - AUG 2007 (JCN)	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>STORM WATER POLLUTION PREVENTION PLAN</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
\\eng022\c\2202\w\shhets\0672889-sh	erosion.dgn	DRAWN - CADD	REVISED -		662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	128			
PLT SCALE = 40,000' / IN.	CHECKED - JCN	REVISED -	REVISED -		CONTRACT NO. 72889							
PLT DATE = 3/17/2008	DATE - APRIL 5, 1999	REVISED -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



**CONTROLS - EROSION CONTROLS AND SEDIMENT CONTROLS**

**Description of Stabilization Practices at the Beginning of Construction:**

1. The area between the existing and proposed right-of-way/temporary easement boundaries and limits of the project will be improved and managed for the purposes of controlling erosion within the area, reducing water flow by temporary diversion and minimizing siltation into the construction zone, and establishing vegetative cover which will become permanent vegetation and act as an erosion barrier. Work at the beginning of construction will consist of the following:
  - (a) Areas of existing vegetation (woods and grasslands) outside the proposed construction slope limits shall be identified for preserving and shall be protected from mowing, brush cutting, tree removal and other activities which would be detrimental to their maintenance and development.
  - (b) Dead, diseased, or unsuitable vegetation within the site shall be removed as directed by the Engineer, along with required tree removal.
  - (c) As soon as reasonable access is available (such as trees cleared) to all locations where water drains away from the project, sediment basins, riprap ditch checks, temporary ditch checks, and/or erosion control fence shall be installed as called out in this plan and directed by the Engineer.
  - (d) Bare and sparsely vegetated ground in highly erodible areas as determined by the Engineer shall be temporarily seeded at the beginning of construction where no construction activities are immediately expected as stated in the special provision "Temporary Erosion Control Seeding".
  - (e) Immediately after tree removal is completed in certain areas which are highly erodible areas as determined by the Engineer, the areas shall be temporarily seeded where no construction activities are immediately expected as stated in the special provision "Temporary Erosion Control Seeding".
  - (f) At locations where a significant amount of water drains into the construction zone from outside areas (adjacent landowners), erosion control fence, temporary ditch checks, or riprap ditch checks will be utilized to locally divert water, reduce flow rates, and collect outside siltation inside the right-of-way line. Erosion control items will not be allowed to be installed to cause flooding to upstream private property which could cause crop damages or other undesirable conditions.
2. Establishment of these temporary erosion control measures will have additional benefits to the project. Desirable grass seed will become established in these areas and will spread seeds onto the construction site until permanent seeding/mowing and overseeding can be complete.
3. A third benefit of these filter areas is that they will begin to provide a screen and buffer. They will help protect the construction site from winds and excess sun and mitigate construction noise and dust.

**Description of Stabilization Practices During Construction:**

1. During roadway construction, areas outside the construction slope limits as outlined previous herein shall be protected from damaging effects of construction. The Contractor shall not use this area for staging (except as designated on the plans or directed by the Engineer), parking of vehicles or construction equipment, storage of materials, or other construction related activities.
  - (a) Within the construction zone, critical areas which have high flows of water as determined by the Engineer shall remain undisturbed until full scale construction is underway to prevent unnecessary soil erosion.
  - (b) Top soil and earth stockpiles shall be temporarily seeded if they are to remain unused for more than fourteen days.
  - (c) As the Contractor constructs a portion of roadway in a fill section, he/she shall follow the following steps as directed by the Engineer:
    - i. Place temporary erosion control systems at locations where water leaves and enters the construction zone
    - ii. Temporary seed highly erodible areas outside the construction slope limits
    - iii. Construct roadside ditches and provide temporary erosion control systems
    - iv. Temporary divert water around proposed culvert locations
    - v. Build necessary embankment at culvert locations and then excavate and place culvert
    - vi. Continue building up the embankment to the proposed grade while at the same time place permanent erosion control such as riprap ditch lining and conduct final shaping to the slopes
  - (d) The Contractor shall immediately follow major earth moving operations with final grading equipment. After the major earth spread operation has moved to a new location, final grading shall be completed within fourteen days. If grading is not completed within fourteen days, all major earth moving operations will be stopped, as directed by the Engineer, until disturbed areas are final graded and seeded.
  - (e) Excavated areas and embankments shall be permanently seeded when final graded. If not, they shall be temporarily seeded as stated in the special provision "Temporary Erosion Control Seeding".

- (f) Construction equipment shall be stored and fueled only at designated locations. All necessary measures shall be taken to contain any fuel or pollution run-off in compliance with EPA water quality regulations. Leaking equipment or supplies shall be immediately repaired or removed from the site.
- (g) The Resident Engineer shall inspect the project daily during activities and weekly or after large rains during the winter shutdown period. The project shall additionally be inspected by the Construction Field Engineer on a bi-weekly basis to determine that erosion control efforts are in place and effective and if other control work is necessary.
- (h) Sediment collected during construction by the various temporary erosion control systems shall be disposed of on the site on a regular basis as directed by the Engineer. The cost of this maintenance will be paid for in accordance with Article 109.04 of the Standard Specifications.
- (i) The temporary erosion control systems shall be removed as directed by the Engineer after use is no longer needed or no longer functioning. The costs of this removal shall be included in the unit bid price for the temporary erosion control system. No additional compensation will be allowed.

**Description of Structural Practices After Final Grading:**

1. Temporary erosion control systems shall be left in place with proper maintenance until permanent erosion control is in place and working properly and all proposed turf areas seeded and established with a proper stand.
2. Once permanent erosion control systems as proposed in the plans are functional and established, temporary items shall be removed, cleaned up, and disturbed turf reseeded. Temporary riprap ditch checks will be allowed to remain in place where approved by the Engineer.

**Maintenance after Construction:**

1. Construction is complete after acceptance is received at the final inspection.
2. Areas will be inspected on a regular basis by IDOT District 6 Bureau of Operations.
3. Maintenance crews will perform regular mowings to aid in keeping weeds down and establishing a good roadside seed stand.
4. Maintenance crews will also aid in any ditch lining maintenance or in any drainage problems.
5. All maintenance will be conducted at times when weather conditions will not cause site damage.

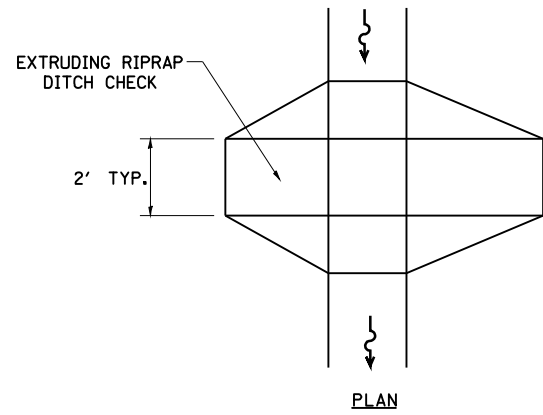
**DOCUMENTATION**

1. A report summarizing the scope of the inspection, name(s) and qualifications of personnel making the inspection, date(s) of the inspection, major observations relating to the implementation of this storm water pollution prevention plan, and actions taken in accordance with Section 4.b. shall be made and retained as part of the plan for at least three years after the date of inspection. The report shall be signed in accordance with part VI.G of the general permit.
2. If any violation of the provisions of this plan is identified during the conduct of the construction work covered by this plan, the Resident Engineer or Resident Technician shall complete and file an "Incident of Noncompliance (ION)" report for the identified violation. The Resident Engineer or Resident Technician shall use forms provided by the Illinois Environmental Protection Agency and shall include specific information on the noncompliance, actions which were taken to prevent any further causes of noncompliance, and a statement detailing any environmental impact which may have resulted from the noncompliance. All reports of noncompliance shall be signed by a responsible authority in accordance with Part VI.G. of the general permit. The report of noncompliance shall be mailed to the following address:

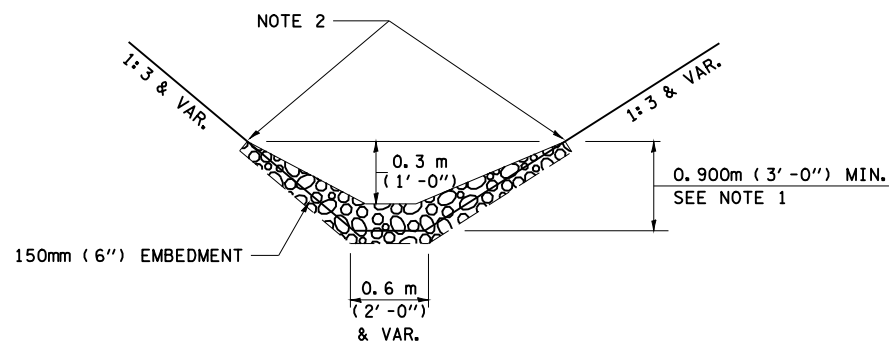
Illinois Environmental Protection Agency  
 Division of Water Pollution Control  
 2200 Churchill Road, P.O. Box 19276  
 Springfield, IL 62794-9276  
 Attn: Compliance Assurance Section

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED - AUG 2007	(JCN)	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>STORM WATER POLLUTION PREVENTION PLAN</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Projects\4652204\cummins_final\4672889-sht-erosion1.dgn		DRAWN - CADD	REVISED -			662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	129				
PLOT SCALE = 40.000' / IN.		CHECKED - JCN	REVISED -			CONTRACT NO. 72889								
PLOT DATE = Mar-18-2008 11:43:22AM		DATE - APRIL 5, 1999	REVISED -			SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		





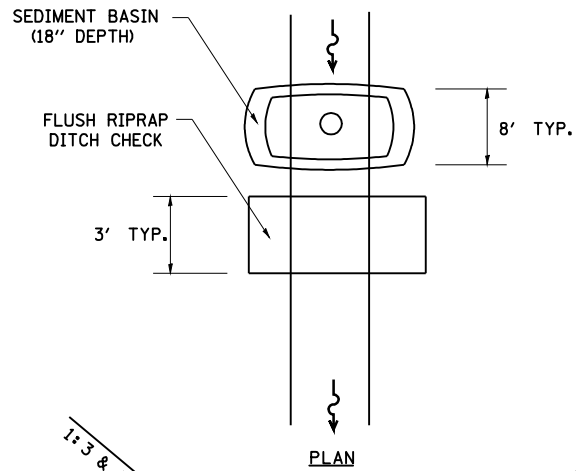
PLAN



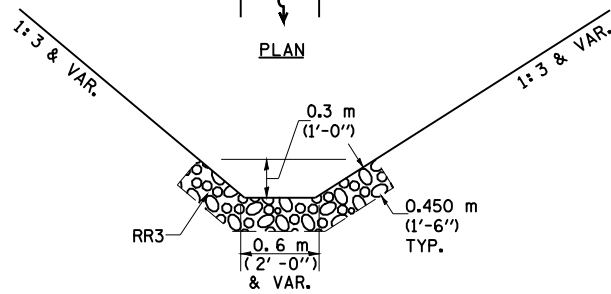
ELEVATION

OPTION 1

(EXTRUDING DITCH CHECK)  
RECOMMENDED FOR AREAS  
W/ RIPRAP DITCH LINING



PLAN



ELEVATION

OPTION 2

(FLUSH DITCH CHECK)  
RECOMMENDED FOR AREAS  
W/O RIPRAP DITCH LINING

**STONE DUMPED RIPRAP DITCH CHECK**

(TYPICAL & OPTIONS 1 & 2  
AS DIRECTED BY THE ENGINEER)

NOTE 1: RIPRAP SHALL EXTEND FAR ENOUGH UP THE SLOPES TO ALLOW 0.3m (1') OVERTOPPING TO AVOID ERODING AROUND THE EDGES OF THE RIPRAP.

NOTE 2: ENDS SHALL BE TIED INTO SLOPES.

**LEGEND FOR STORM WATER POLLUTION PREVENTION PLAN**

ITEM	SYMBOL
AGGREGATE (EROSION CONTROL)	◆
ESTONE DUMPED RIPRAP DITCH CHECKS: Height = 0.6m (2')	◆
TEMPORARY DITCH CHECKS	◆
INLET PIPE PROTECTION (I&PP)	◆
EROSION CONTROL FENCE	⋈
EARTH EXCAVATION FOR EROSION CONTROL (SEDIMENT BASINS)	○
PRESERVE EXISTING TREES, WOODLANDS, AND UNDERSTORY (OUTSIDE CONSTRUCTION LIMITS)	▨
ITEM PLACED AT BEGINNING OF CONSTRUCTION (Requirement)	* ITEM *
ITEM PLACED AS DIRECTED BY ENGINEER (When required by situation)	ITEM
DIRECTION OF OVERLAND FLOW	➔

**GENERAL NOTES:**

All items shall be constructed as shown on this sheet, on Standard 280001, and as directed by the Engineer.

The symbology on the STORM WATER POLLUTION PREVENTION PLAN sheets does not represent the size or quantity of bales, for number of bales refer to details and notes shown on this sheet and/or as directed by the Engineer.

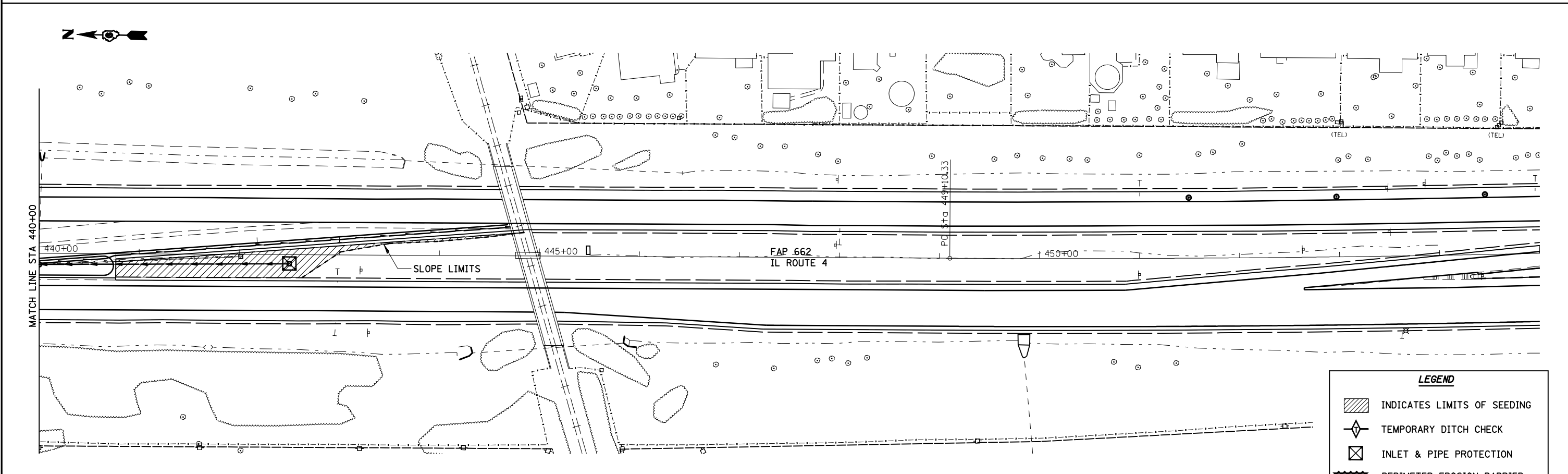
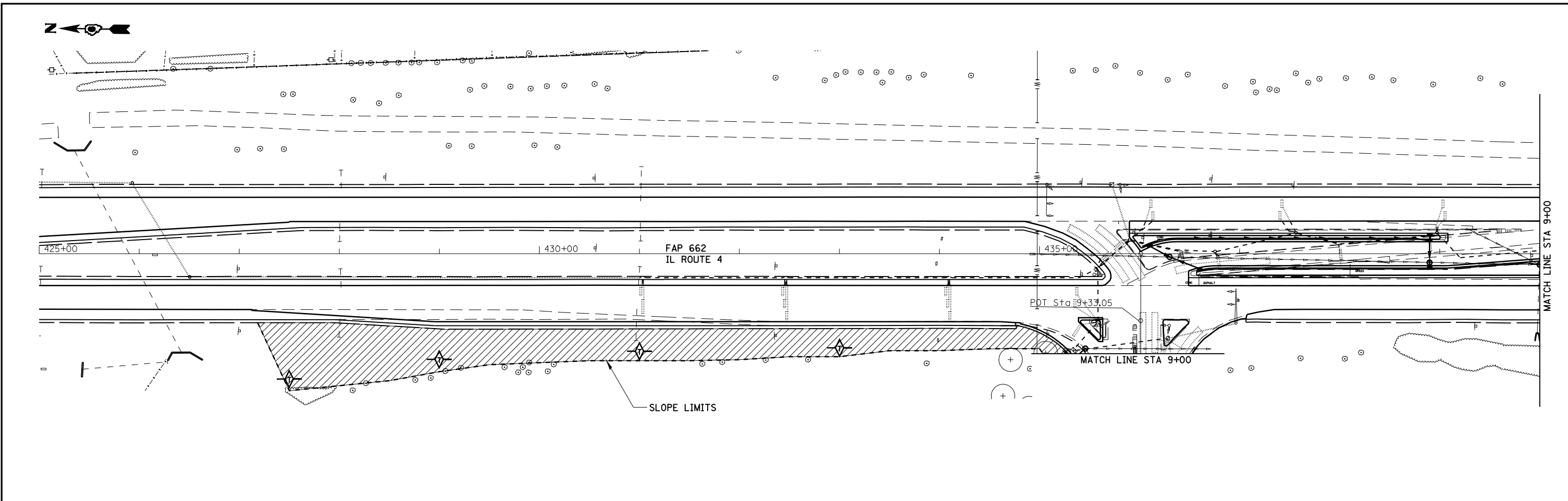
**THE CONTRACTOR SHALL INSTALL DITCH CHECKS AS DIRECTED BY THE ENGINEER. IF THE ENGINEER ELECTS TO UTILIZE FLUSH RIPRAP DITCH CHECKS IN LIEU OF TEMPORARY DITCH CHECKS AS SHOWN ON THE FOLLOWING PLAN SHEETS, THE SPACING SHOULD BE DOUBLED.**

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED - AUG 2007 (JCN)
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PLOT DATE = Mar-18-2008 11:43:27AM		DATE - APRIL 5, 1999	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>STORM WATER POLLUTION PREVENTION PLAN</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	131
CONTRACT NO. 72889				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND	
	INDICATES LIMITS OF SEEDING
	TEMPORARY DITCH CHECK
	INLET & PIPE PROTECTION
	PERIMETER EROSION BARRIER

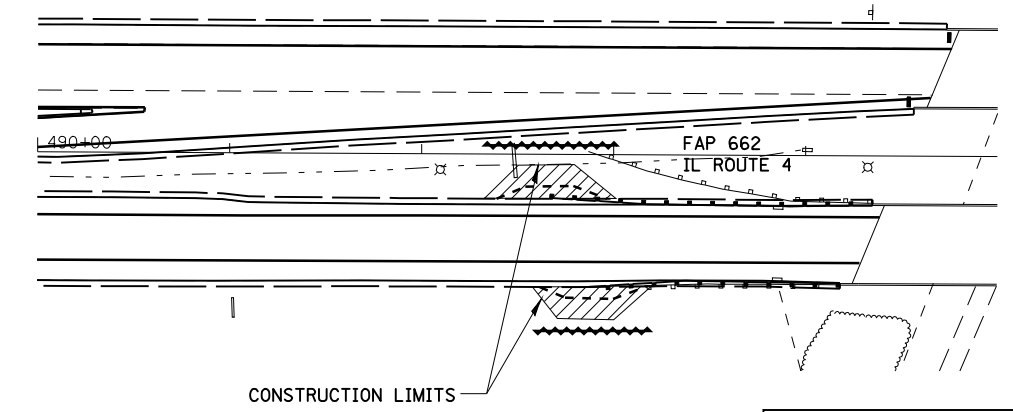
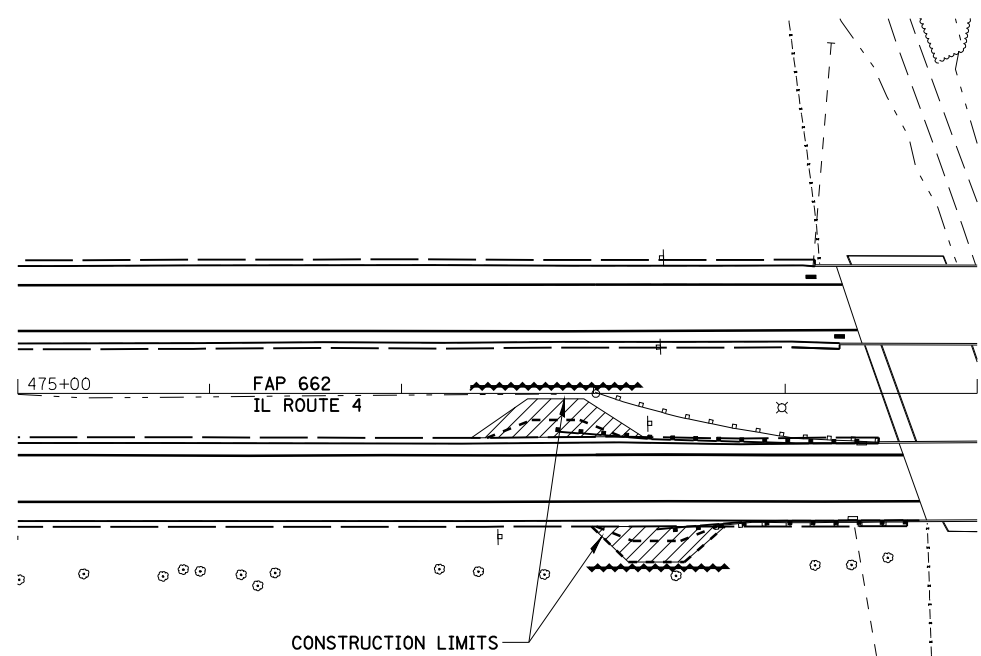
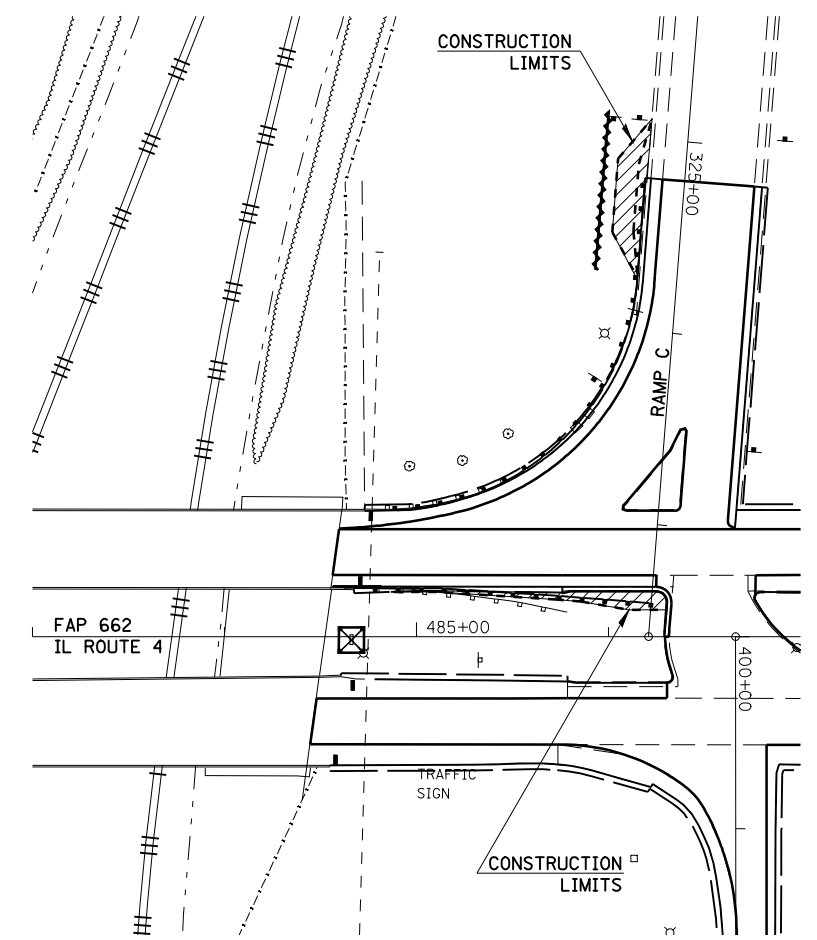
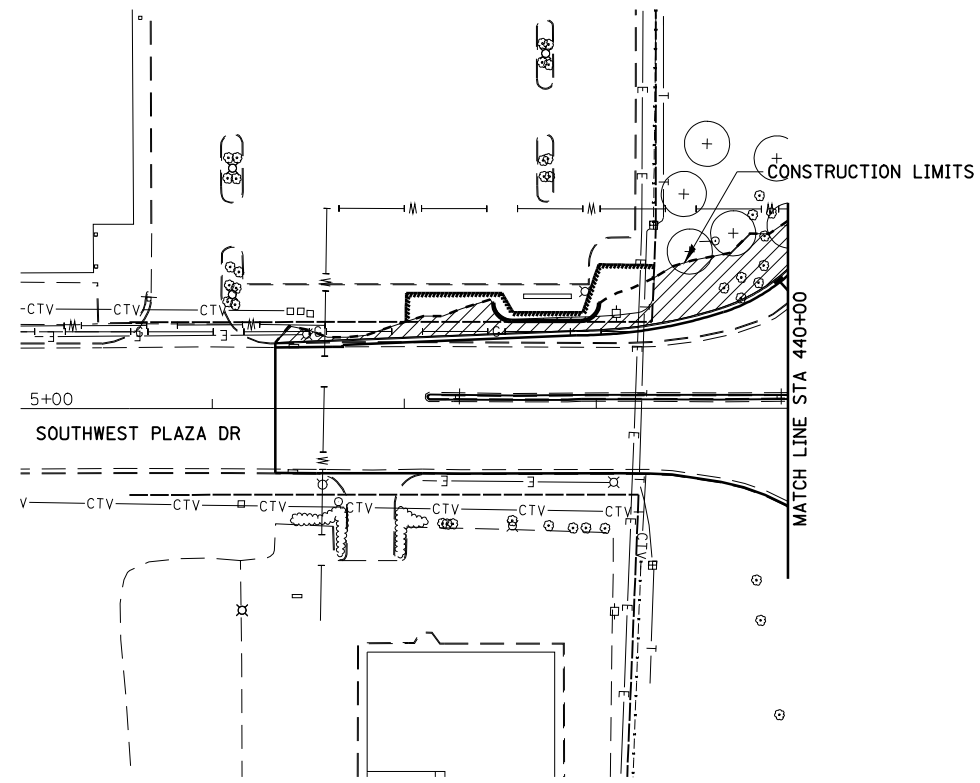
<b>CUMMINS ENGINEERING CORPORATION</b>		JOB - 2200	
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USER NAME = laughlinr1	DESIGNED - NAK	REVISED -	
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PLOT SCALE = 100.0000' / IN.	CHECKED - NAK	REVISED -	
PLOT DATE = Mar-18-2008 11:43:31AM	DATE - 02/06/2008	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN**

SCALE:      SHEET NO.    OF    SHEETS    STA.            TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	132
CONTRACT NO. 72889				
FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT				



**LEGEND**

- INDICATES LIMITS OF SEEDING
- TEMPORARY DITCH CHECK
- INLET & PIPE PROTECTION
- PERIMETER EROSION BARRIER

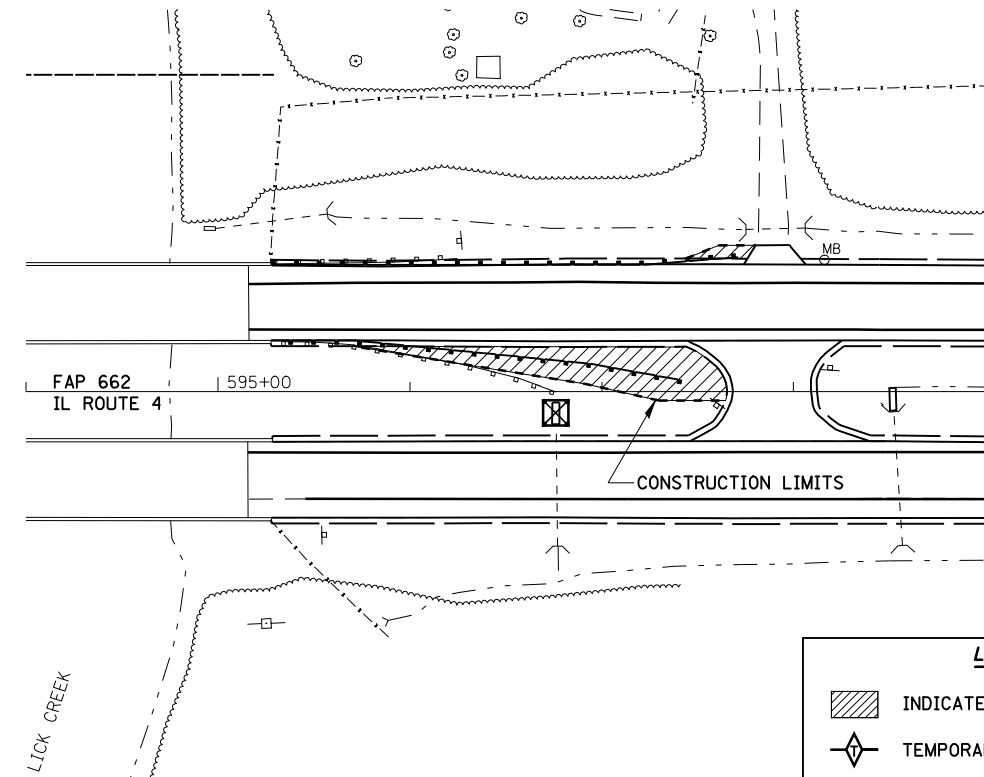
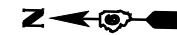
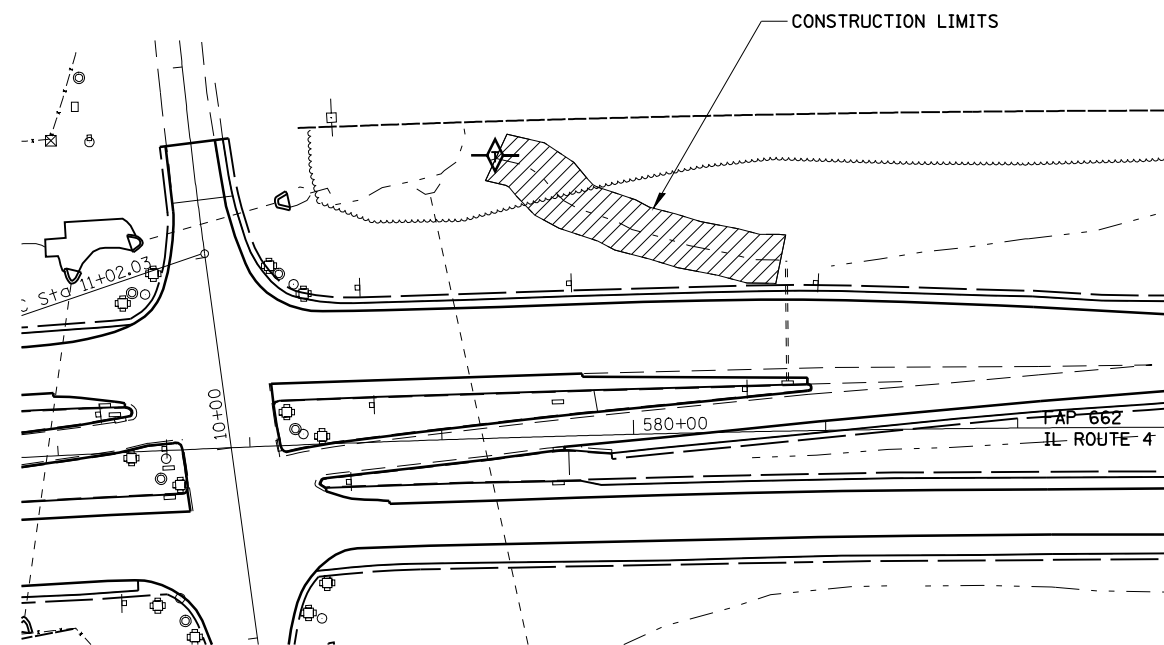
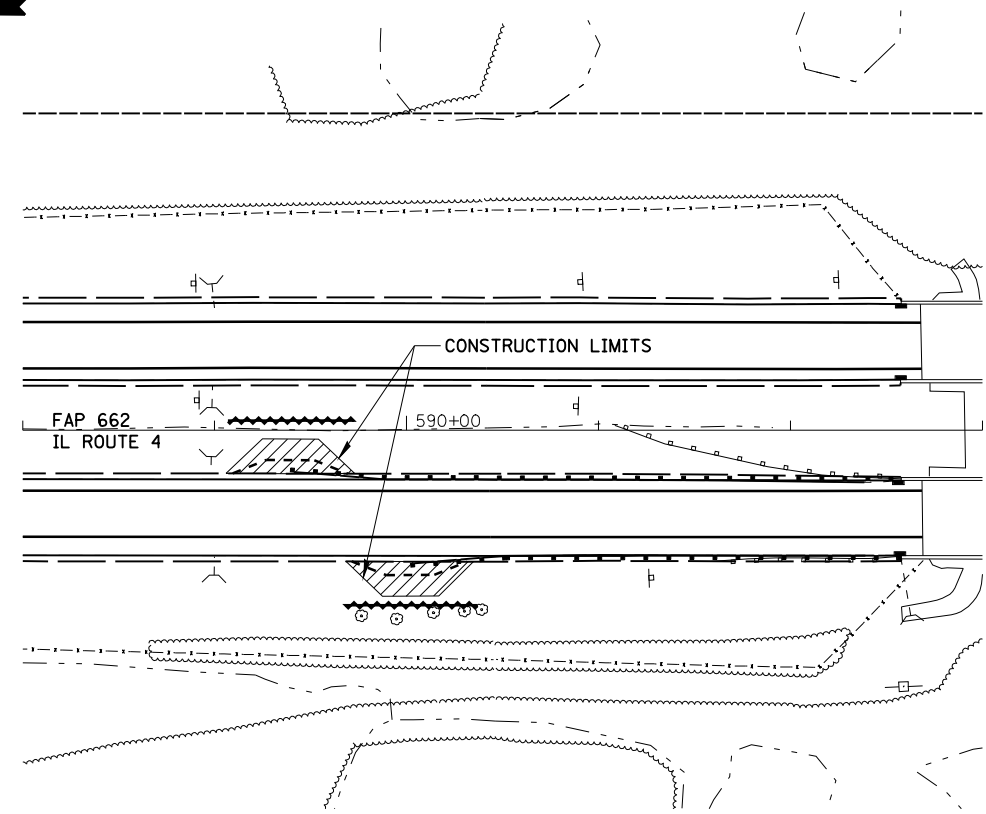
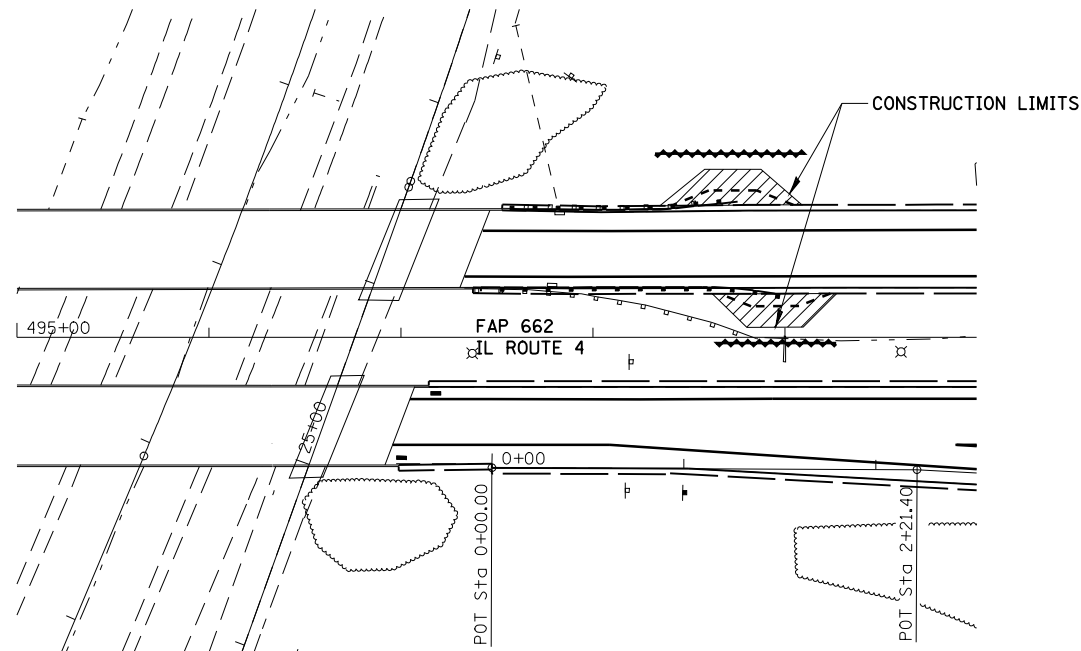
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	DATE - 02/06/2008	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	2-2 (RS) & 3-1, 2 (RS-10, TS-5)	SANGAMON	181	133
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72889	



LEGEND	
	INDICATES LIMITS OF SEEDING
	TEMPORARY DITCH CHECK
	INLET & PIPE PROTECTION
	PERIMETER EROSION BARRIER

**CUMMINS ENGINEERING CORPORATION**

JOB	- 2200
FILE	- sht-erosion2.dgn
DESIGNED	- NAK
DRAWN	- AJH
CHECKED	- NAK
DATE	- 02/06/2008

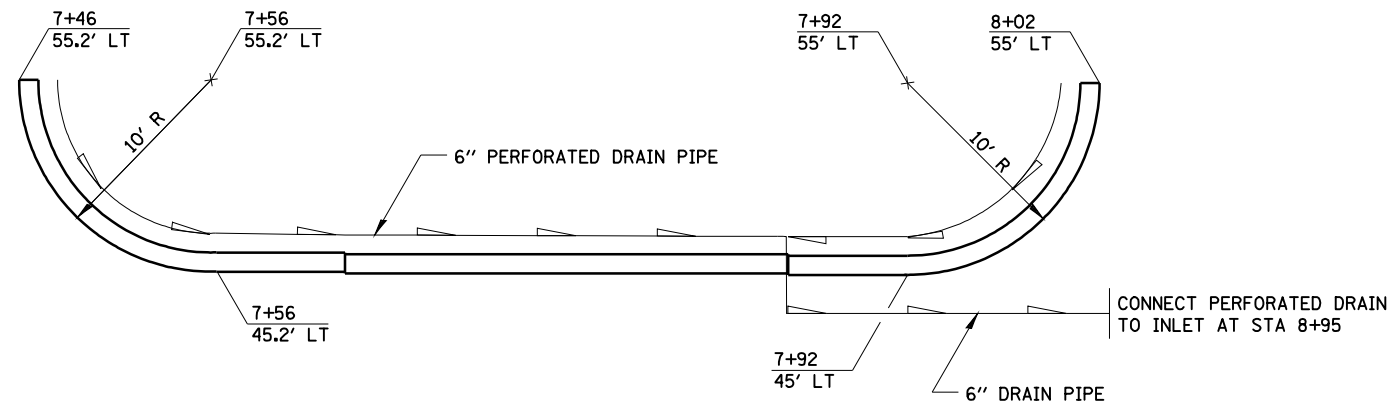
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

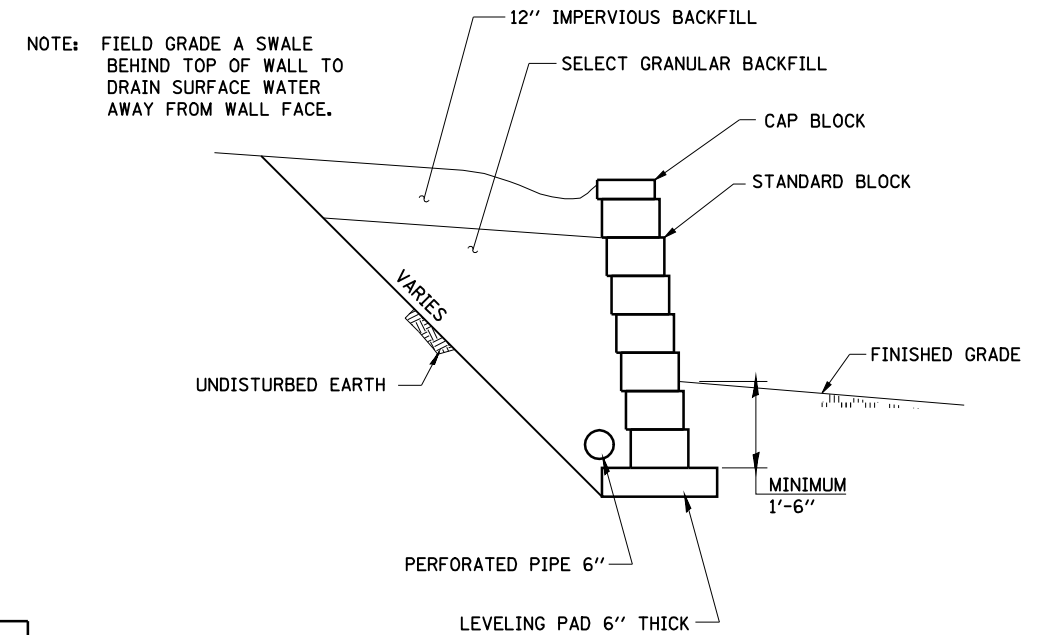
**EROSION CONTROL PLAN**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.
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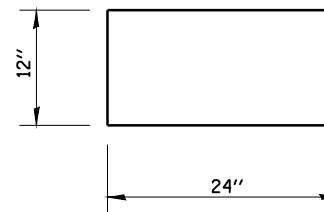
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 72889				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



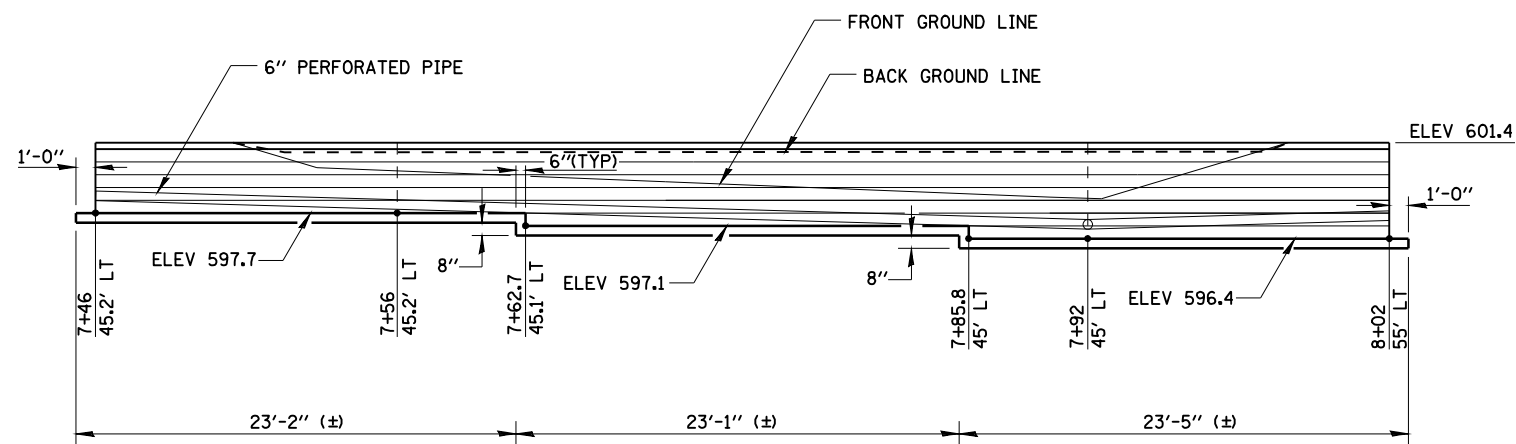
**PLAN VIEW**



**TYPICAL WALL SECTION**



**MAXIMUM BLOCK FACE DIMENSION**



**ELEVATION VIEW**

(UNFOLDED ELEVATION VIEW ALONG FRONT FACE OF WALL)

**QUANTITIES**

SEGMENTAL CONCRETE BLOCK WALL 292 SQ FT

NOTE: THE COST OF THE EXCAVATION, BACKFILL, DRAIN PIPE, AND LEVELING PAD ARE INCLUDED IN THE COST FOR SEGMENTAL CONCRETE BLOCK WALL.

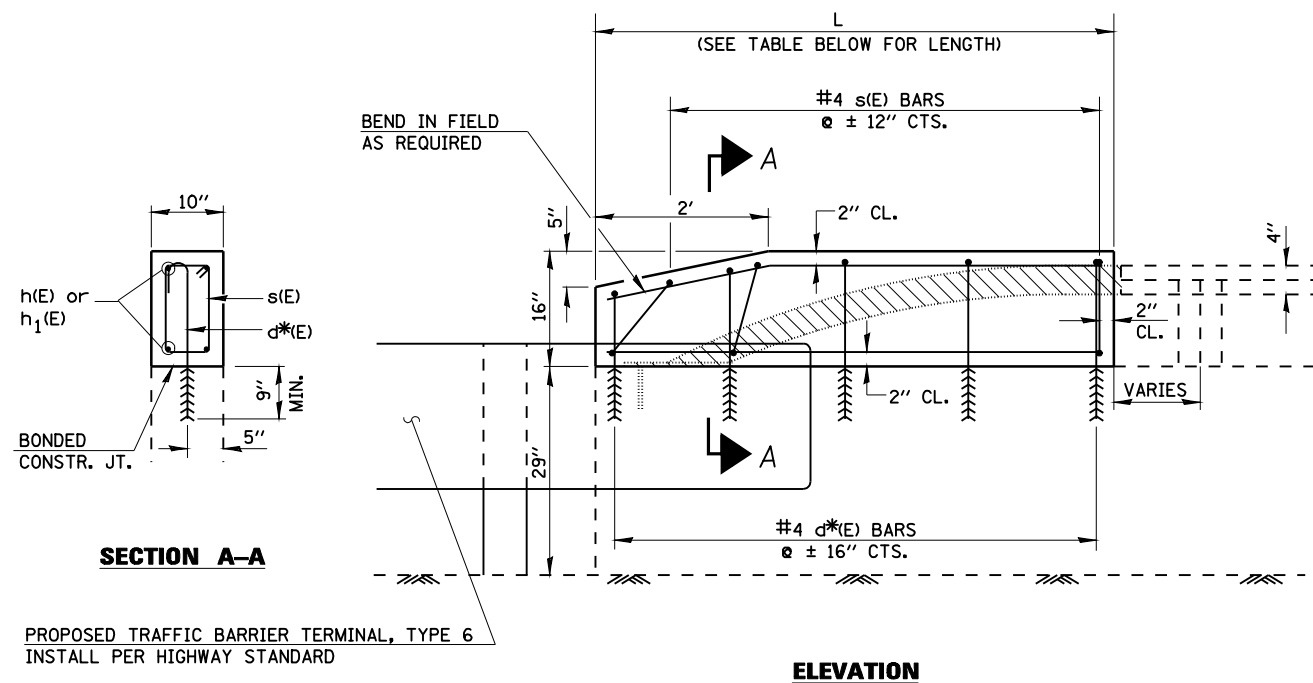
THE COLOR OF THE BLOCK SHALL MATCH THE COLOR OF THE EXISTING LANDSCAPING BLOCKS AS CLOSELY AS POSSIBLE.

THE CONTRACTOR IS RESPONSIBLE FOR THE SELECTION AND DESIGN OF AN APPROPRIATE WALL SYSTEM ACCORDING TO THE SPECIAL PROVISION FOR SEGMENTAL CONCRETE BLOCK WALL. THE CONTRACTOR SHALL SUBMIT THE REQUIRED SHOP PLANS AND DESIGN CALCULATIONS TO THE ENGINEER. NO WORK OR ORDERING OF MATERIALS SHALL BE DONE UNTIL THE PROPOSED DESIGN AND MATERIALS ARE APPROVED BY THE ENGINEER IN WRITING.

**GEOTECHNICAL DESIGN DATA**

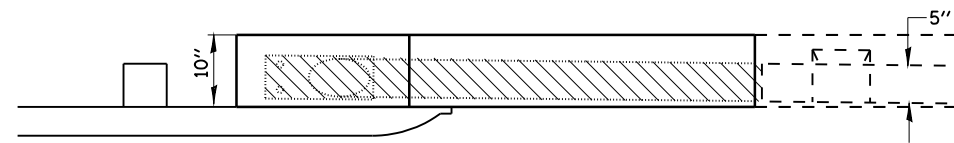
RETAINED SOIL: SILTY CLAY  
 $\gamma = 120$  pcf  
 $C = 0$   $\phi = 26^\circ$   
 BEARING CAPACITY:  
 $Q_{ALLOWABLE} = 1.2$  tsf

FILE NAME = C:\Projects\d652204\cummins_final\d67289-sht-details6.dgn	USER NAME = laughlinr1	DESIGNED - AAN	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>BLOCK WALL DETAIL</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 10.0000' / IN.	CHECKED - NAK	REVISIED -	REVISIED -					662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	135
PLOT DATE = Mar-18-2008 11:43:44AM	DATE - 2/13/08	REVISIED -	REVISIED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
								CONTRACT NO. 72889				

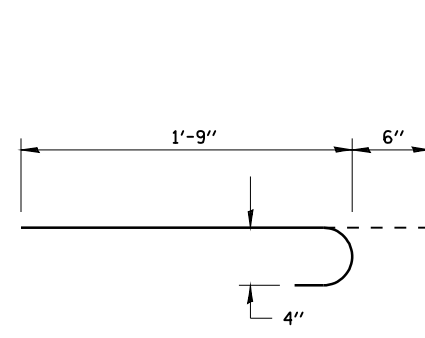


PROPOSED TRAFFIC BARRIER TERMINAL, TYPE 6  
INSTALL PER HIGHWAY STANDARD

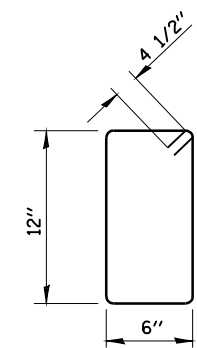
**ELEVATION**



**PLAN**



**BAR d(E)**



**BAR s(E)**

STRUCTURE NO.	LENGTH "L"
084-0134	11'-6"
084-0136	8'-4"
084-0137	8'-4"
084-0138	11'-6"
084-0139	11'-6"

BAR TABLE - 2 PARAPETS (S.N. 084-0134)

BAR	NO.	SIZE	LENGTH	SHAPE
h(E)	8	#4	11'-2"	—
s(E)	24	#4	3'-9"	⌊
d*(E)	18	#4	2'-3"	⌋

BAR TABLE - 4 PARAPETS (S.N. 084-0136, S.N. 084-0137)

BAR	NO.	SIZE	LENGTH	SHAPE
h <sub>1</sub> (E)	16	#4	8'-0"	—
s(E)	36	#4	3'-9"	⌊
d*(E)	28	#4	2'-3"	⌋

BAR TABLE - 4 PARAPETS (S.N. 084-0138, S.N. 084-0139)

BAR	NO.	SIZE	LENGTH	SHAPE
h(E)	16	#4	11'-2"	—
s(E)	48	#4	3'-9"	⌊
d*(E)	36	#4	2'-3"	⌋

BILL OF MATERIAL - 2 PARAPETS (S.N. 084-0134)

ITEM	UNIT	QUANTITY
CONCRETE STRUCTURES	CU. YD.	0.9
REINFORCEMENT BARS, EPOXY COATED	LB.	148
HANDRAIL REMOVAL	FOOT	21'-0"

BILL OF MATERIAL - 4 PARAPETS (S.N. 084-0136, S.N. 084-0137)

ITEM	UNIT	QUANTITY
CONCRETE STRUCTURES	CU. YD.	1.3
REINFORCEMENT BARS, EPOXY COATED	LB.	220
HANDRAIL REMOVAL	FOOT	14'-8"

BILL OF MATERIAL - 4 PARAPETS (S.N. 084-0138, S.N. 084-0139)

ITEM	UNIT	QUANTITY
CONCRETE STRUCTURES	CU. YD.	1.8
REINFORCEMENT BARS, EPOXY COATED	LB.	294
HANDRAIL REMOVAL	FOOT	42'-0"

**GENERAL NOTES**

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF AASHTO A 706 GRADE 60 (IL MODIFIED).

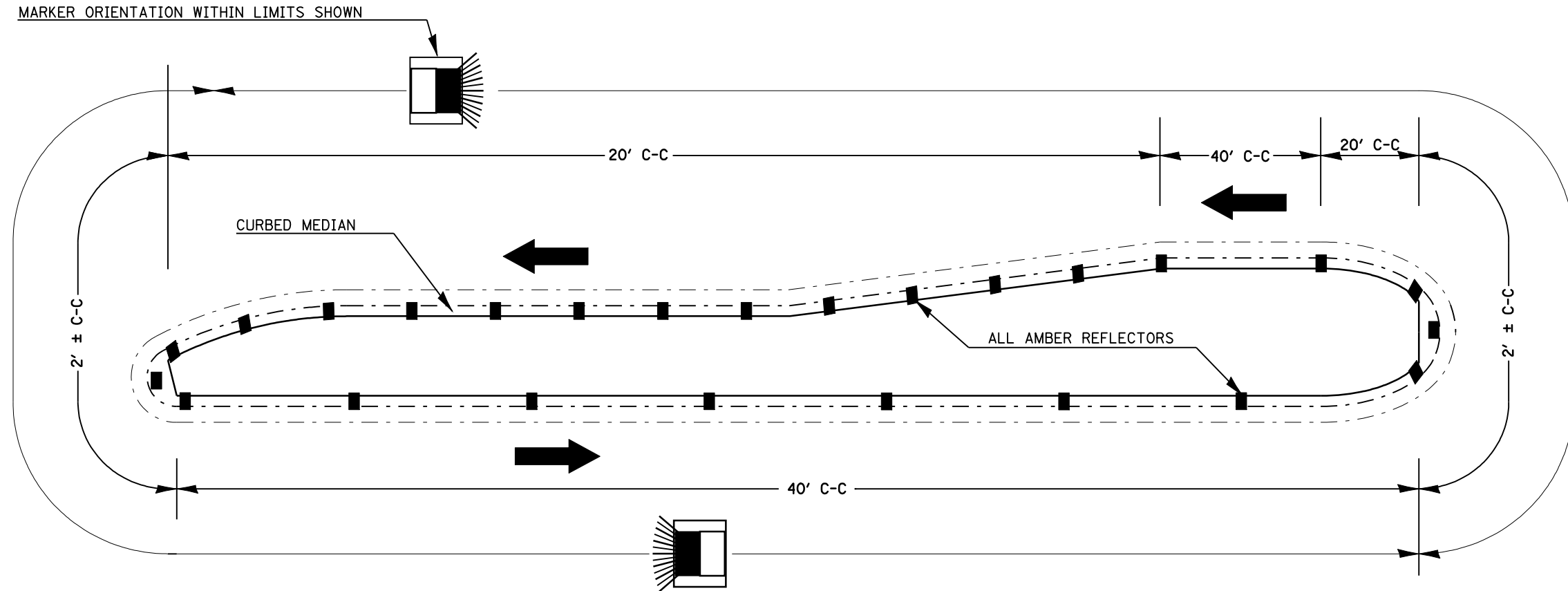
HATCHED AREAS INDICATED LIMITS OF HANDRAIL REMOVAL. THE EXISTING HANDRAIL SHALL BE CUT SHORT OF THE NEW CONCRETE BY 1" TO ALLOW FOR PLACEMENT OF FORMS.

BARS DESIGNATED d\*(E) SHALL BE DRILLED AND GROUTED INTO THE EXISTING CONCRETE PARAPET. EPOXY GROUTING SHALL BE DONE IN ACCORDANCE WITH ARTICLE 584 OF THE STANDARD SPECIFICATIONS. THE COST OF THE EPOXY GROUTING AND DRILLING SHALL BE INCLUDED IN THE COST OF REINFORCEMENT BARS, EPOXY COATED.

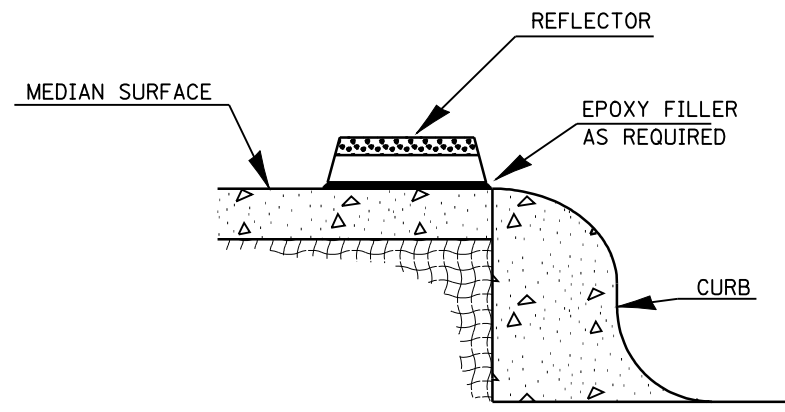
PLAN DEMENSIONS AND DETAILS RELATIVE TO THE EXISTING STRUCTURE HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DEMENSIONS AND DETAILS IN THE FIELD AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE FOR THE WORK.



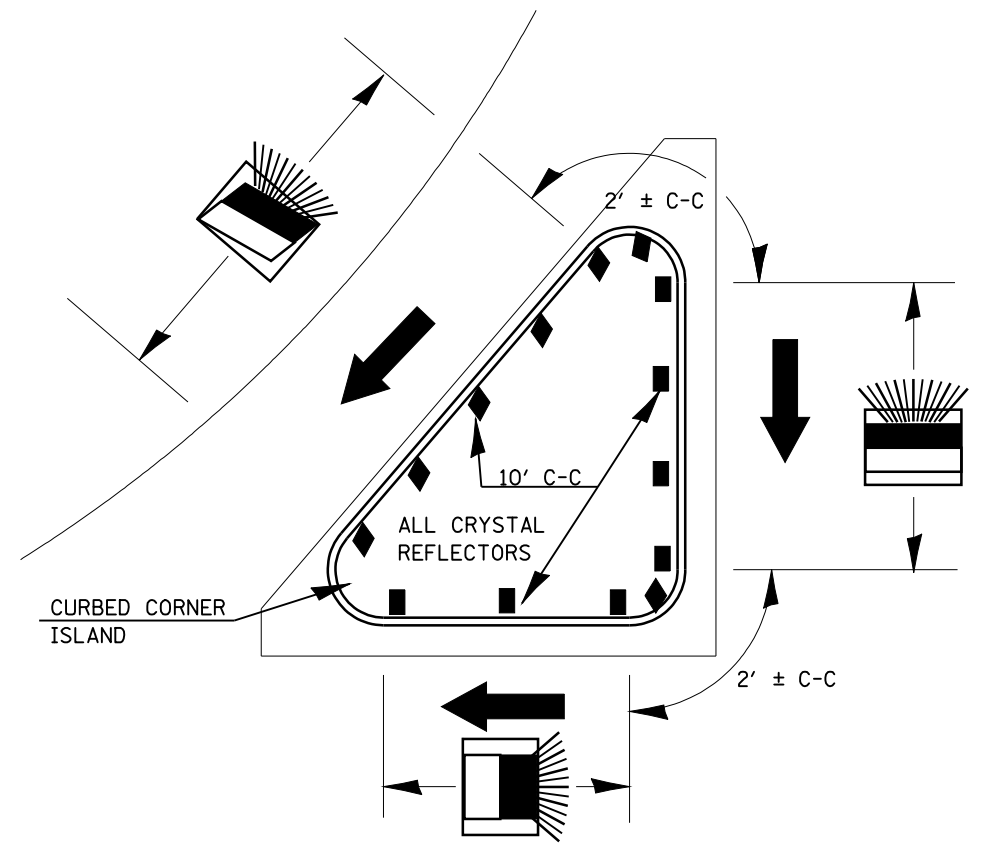
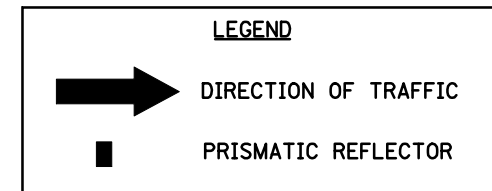
# TYPICAL PLACEMENT OF PRISMATIC REFLECTORS ON CURBS



1. PRISMATIC REFLECTORS SHALL BE MONO-DIRECTIONAL AND POSITIONED SO THAT THE REFLECTIVE FACE IS FACING THE APPROACHING TRAFFIC.
2. PRISMATIC REFLECTORS SHALL BE SECURED IN PLACE WITH AN EPOXY ADHESIVE.
3. PRISMATIC REFLECTORS SHALL BE EITHER AMBER OR CRYSTAL IN COLOR.
4. REFER TO SCHEDULES FOR PRISMATIC REFLECTOR QUANTITIES.



SECTION VIEW



<b>CUMMINS ENGINEERING CORPORATION</b>		JOB - 2200
FILE NAME =	USER NAME = laughlinr1	FILE - sht-prism.dgn
C:\Projects\d652204\cummins_final\d67289-sht-prism.dgn	DESIGNED -	REVISED -
	DRAWN - CAD-MG	REVISED -
	CHECKED -	REVISED -
	DATE - 1/24/2002	REVISED -
	PLOT SCALE = 40.0000' / IN.	
	PLOT DATE = Mar-18-2008 11:43:48AM	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PRISMATIC CURB REFLECTOR**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	137
CONTRACT NO. 72889				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

### TRAFFIC SIGNAL PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
		SIGNAL HEAD
		SIGNAL HEAD WITH BACKPLATE
		TEMPORARY SIGNAL HEAD
		PEDESTRIAN SIGNAL HEAD
		PEDESTRIAN PUSHBUTTON DETECTOR
		DETECTOR LOOP
		QUADRAPOLE DETECTOR LOOP
		SIGNAL POST
		ALUMINUM MAST ARM ASSEMBLY AND POLE
		STEEL MAST ARM ASSEMBLY AND POLE
		WOOD POLE
		WOOD POLE WITH GUY
		SERVICE INSTALLATION
		CONTROLLER
		HANDHOLE
		HEAVY DUTY HANDHOLE
		DOUBLE HANDHOLE
		JUNCTION BOX
		GULFBOX JUNCTION
		AERIAL CABLE
		CONDUIT LENGTH - CONSTRUCTION (T=TRENCH P=PUSHED A=AUGERED E=EXISTING) SIZE - TYPE (S=STEEL P=PVC F=FIBER DUCT U=UNI-DUCT)
		CONDUIT SPLICE
		SPAN WIRE / TETHER WIRE
		21 SIDEWALK REMOVAL IN SQ FT
		9 PC CONC SDWLK 4 IN. IN SQ FT
		12 PC CONC SDWLK 4 IN. SPECIAL IN SQ FT

### TRAFFIC SIGNAL WIRING DIAGRAM LEGEND

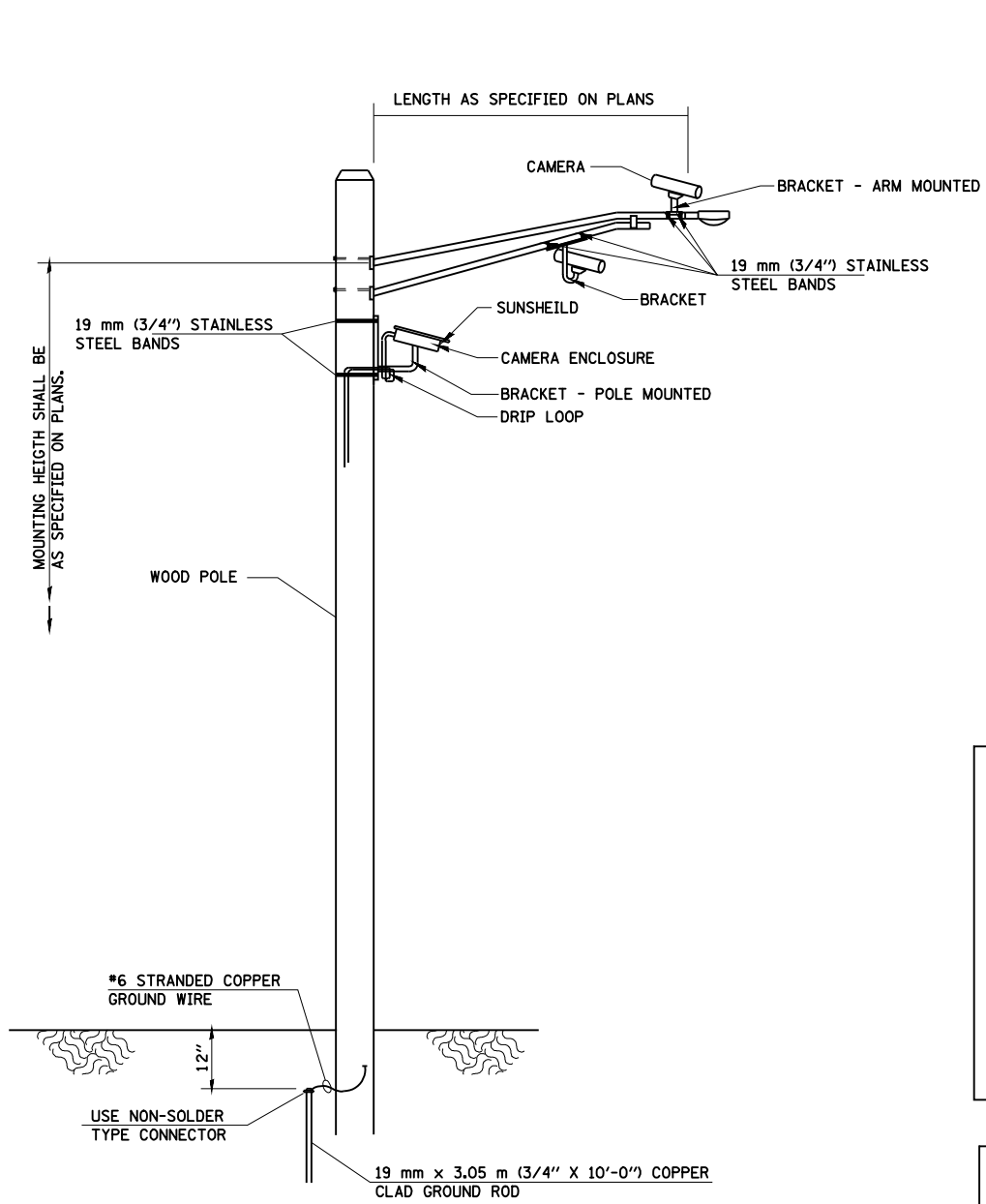
EXISTING	PROPOSED	DESCRIPTION
		8" SIGNAL SECTION
		DIRECTIONAL SIGNAL SECTION
		9" PEDESTRIAN SIGNAL FACE
		12" PEDESTRIAN SIGNAL FACE
		SIGNAL FACE WITH BACKPLATE
		PROGRAMMED SIGNAL SECTION
		SIGNAL SECTION WITH LOUVRE
		DUAL-INDICATION SIGNAL SECTION
		INDUCTION DETECTOR LOOP
		QUADRAPOLE DETECTOR LOOP
		DIRECT-CONNECTED LOOP LEAD-IN ( TWISTED )
		ELECTRIC CABLE DENOTING NUMBER OF CONDUCTORS
		ELECTRIC CABLE TO BE REMOVED
		ELECTRIC CABLE IDENTIFIER TAPE CODES (R= RED W= WHITE Y= YELLOW G= GREEN B= BLUE O= ORANGE)
		PEDESTRIAN PUSHBUTTON DETECTOR

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
C:\Projects\d652204\cummins_final\d67289-shr-tsl.dgn		DRAWN -	REVISED -
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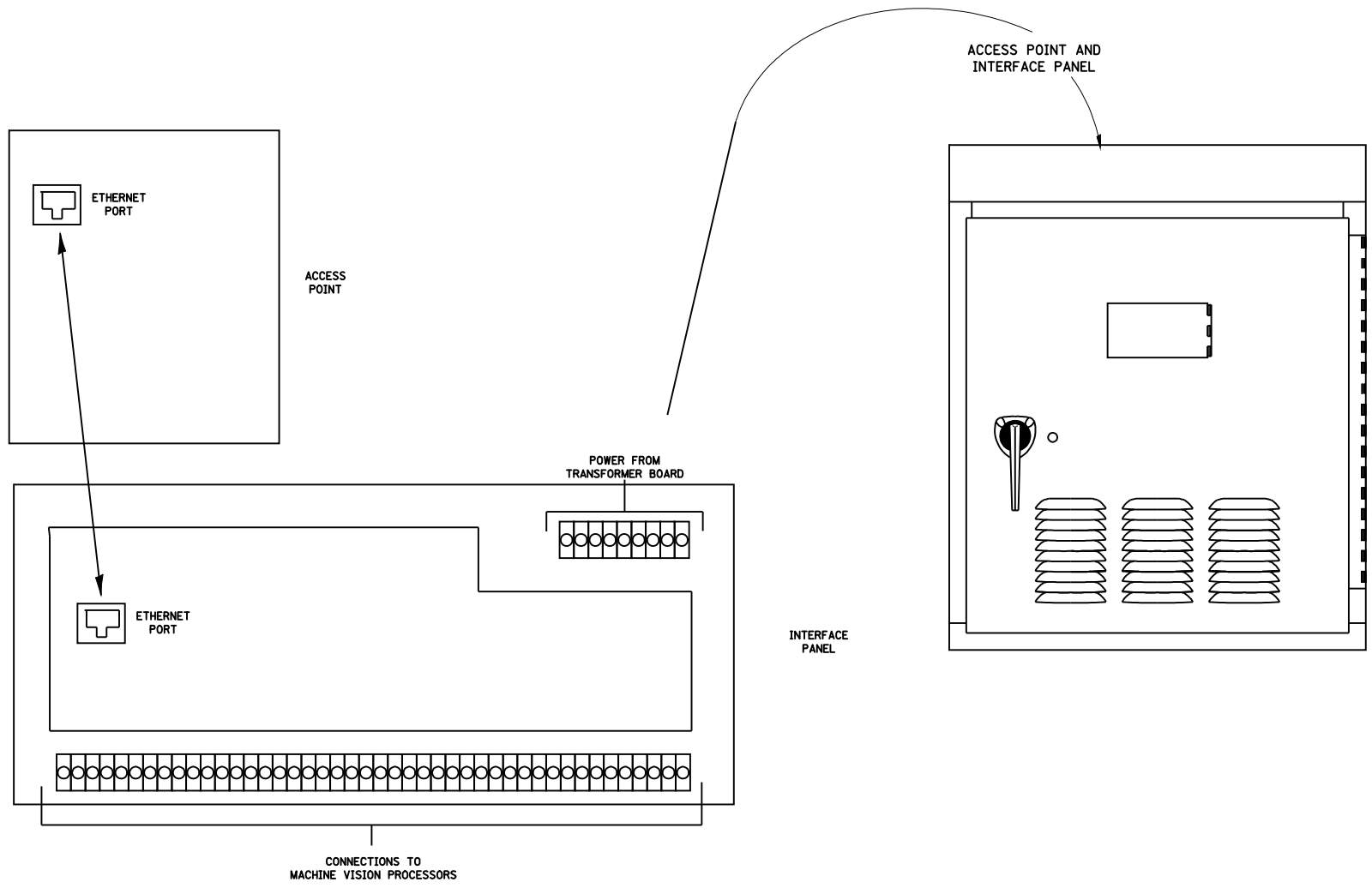
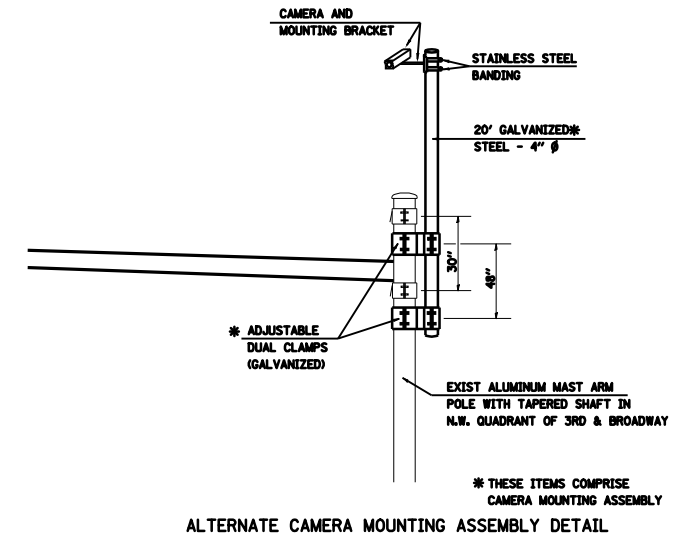
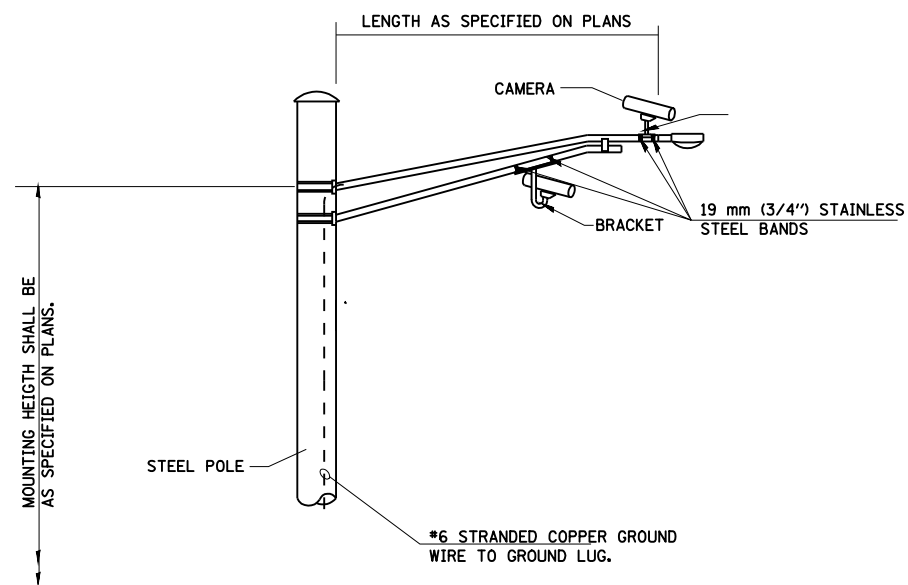
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

TRAFFIC SIGNAL LEGEND			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	138
CONTRACT NO. 72889				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



**VIDEO DETECTION SYSTEM INSTALLATION  
ARM MOUNTED OR POLE MOUNTED CAMERA**



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
C:\Projects\d652204\cummins_final\d67289-shr-tsl.dgn		DRAWN -	REVISED -
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

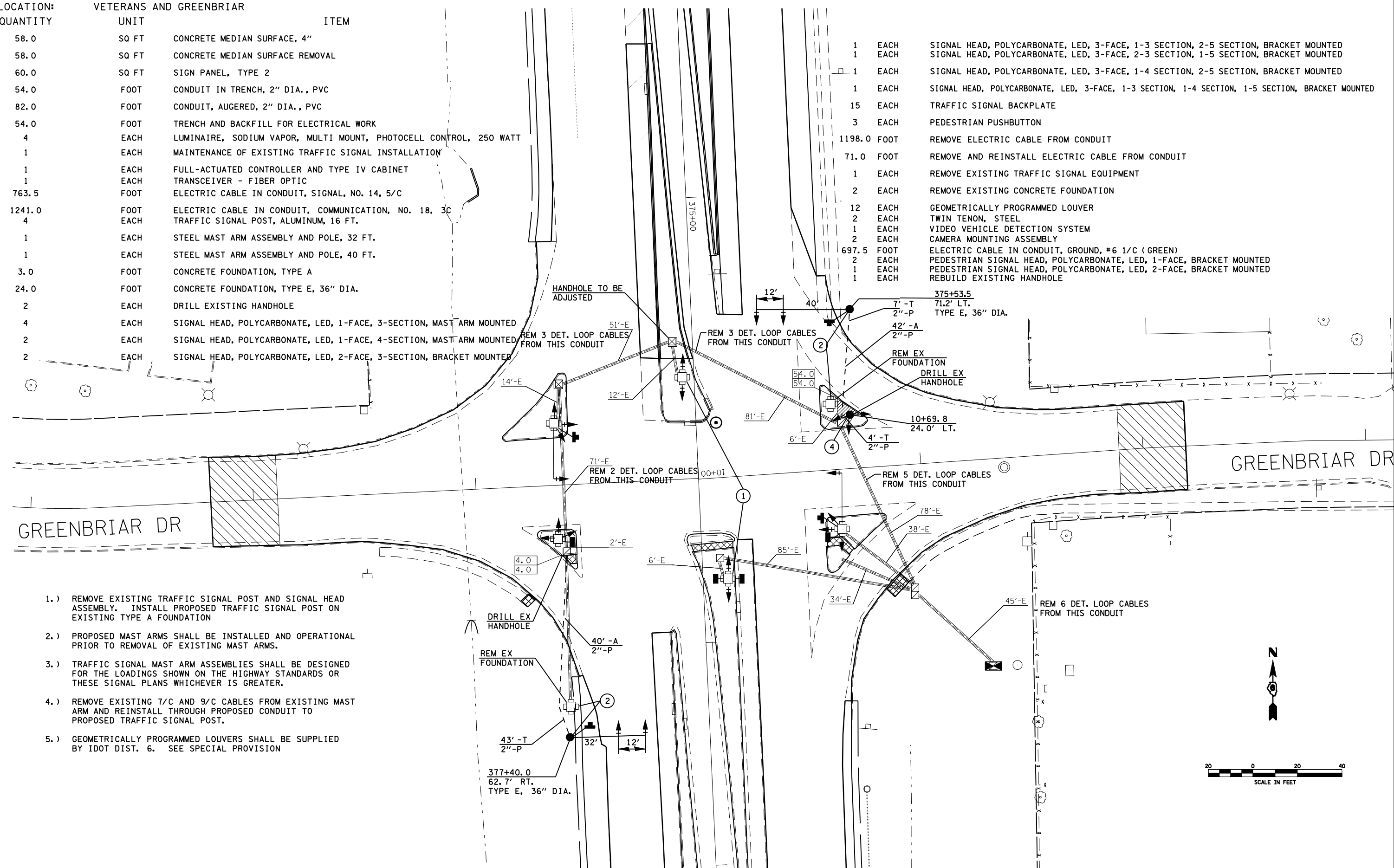
SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	139
CONTRACT NO. 72889				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL QUANTITIES  
LOCATION: VETERANS AND GREENBRIAR

QUANTITY	UNIT	ITEM
58.0	SQ FT	CONCRETE MEDIAN SURFACE, 4"
58.0	SQ FT	CONCRETE MEDIAN SURFACE REMOVAL
60.0	SQ FT	SIGN PANEL, TYPE 2
54.0	FOOT	CONDUIT IN TRENCH, 2" DIA., PVC
82.0	FOOT	CONDUIT, AUGERED, 2" DIA., PVC
54.0	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
4	EACH	LUMINAIRE, SODIUM VAPOR, MULTI MOUNT, PHOTOCCELL CONTROL, 250 WATT
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET
1	EACH	TRANSCEIVER - FIBER OPTIC
763.5	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 5/C
1241.0	FOOT	ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 18, 3C
4	EACH	TRAFFIC SIGNAL POST, ALUMINUM, 16 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.
3.0	FOOT	CONCRETE FOUNDATION, TYPE A
24.0	FOOT	CONCRETE FOUNDATION, TYPE E, 36" DIA.
2	EACH	DRILL EXISTING HANDHOLE
4	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
2	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED
2	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED

1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 1-3 SECTION, 2-5 SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 2-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 1-4 SECTION, 2-5 SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 1-3 SECTION, 1-4 SECTION, 1-5 SECTION, BRACKET MOUNTED
15	EACH	TRAFFIC SIGNAL BACKPLATE
3	EACH	PEDESTRIAN PUSHBUTTON
1198.0	FOOT	REMOVE ELECTRIC CABLE FROM CONDUIT
71.0	FOOT	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
2	EACH	REMOVE EXISTING CONCRETE FOUNDATION
12	EACH	GEOMETRICALLY PROGRAMMED LOUVER
2	EACH	TWIN TENON, STEEL
1	EACH	VIDEO VEHICLE DETECTION SYSTEM
2	EACH	CAMERA MOUNTING ASSEMBLY
697.5	FOOT	ELECTRIC CABLE IN CONDUIT, GROUND, #6 1/C (GREEN)
2	EACH	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED
1	EACH	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED
1	EACH	REBUILD EXISTING HANDHOLE



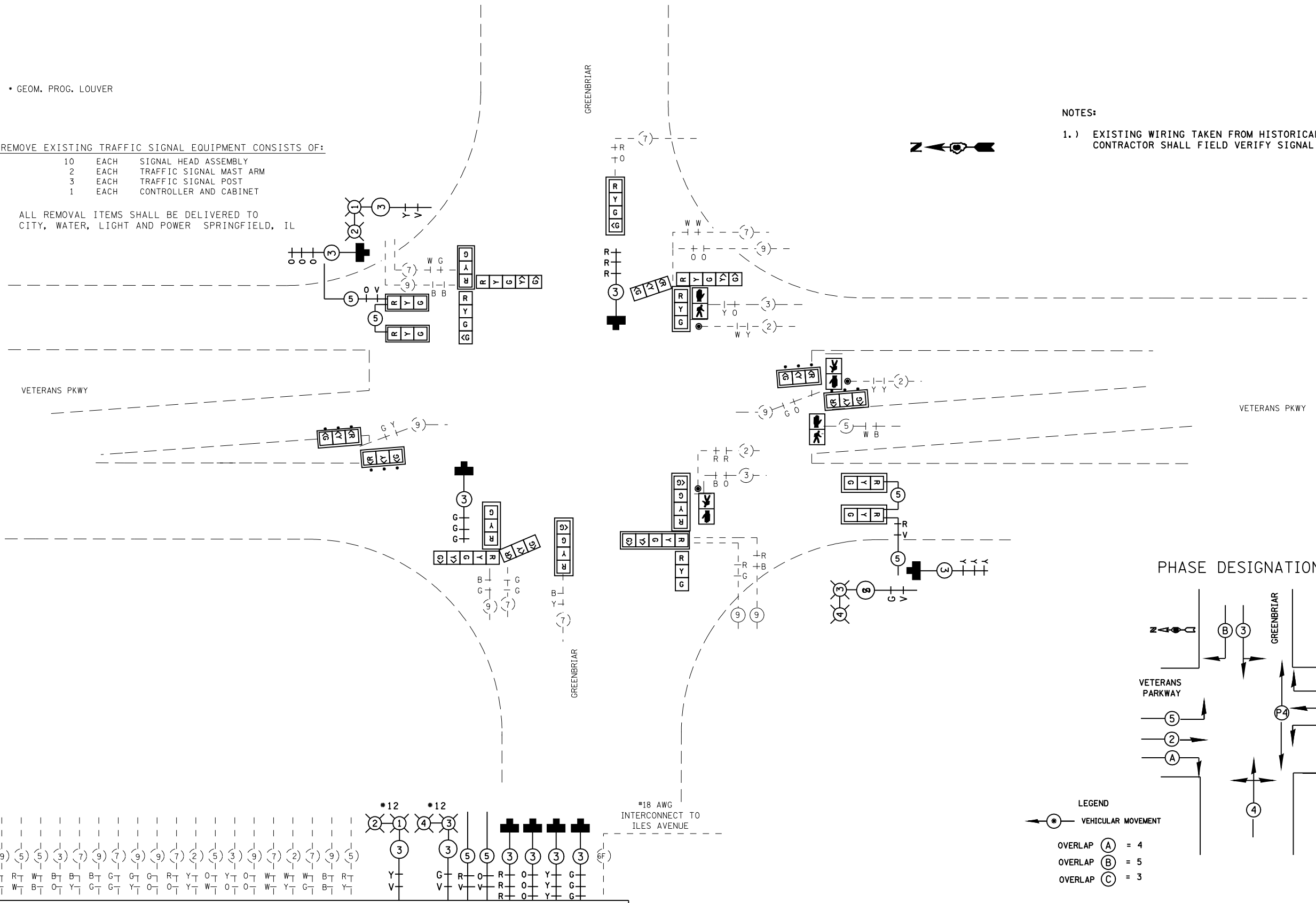
- 1.) REMOVE EXISTING TRAFFIC SIGNAL POST AND SIGNAL HEAD ASSEMBLY. INSTALL PROPOSED TRAFFIC SIGNAL POST ON EXISTING TYPE A FOUNDATION
- 2.) PROPOSED MAST ARMS SHALL BE INSTALLED AND OPERATIONAL PRIOR TO REMOVAL OF EXISTING MAST ARMS.
- 3.) TRAFFIC SIGNAL MAST ARM ASSEMBLIES SHALL BE DESIGNED FOR THE LOADINGS SHOWN ON THE HIGHWAY STANDARDS OR THESE SIGNAL PLANS WHICHEVER IS GREATER.
- 4.) REMOVE EXISTING 7/C AND 9/C CABLES FROM EXISTING MAST ARM AND REINSTALL THROUGH PROPOSED CONDUIT TO PROPOSED TRAFFIC SIGNAL POST.
- 5.) GEOMETRICALLY PROGRAMMED LOUVERS SHALL BE SUPPLIED BY IDOT DIST. 6. SEE SPECIAL PROVISION

• GEOM. PROG. LOUVER

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT CONSISTS OF:

- 10 EACH SIGNAL HEAD ASSEMBLY
- 2 EACH TRAFFIC SIGNAL MAST ARM
- 3 EACH TRAFFIC SIGNAL POST
- 1 EACH CONTROLLER AND CABINET

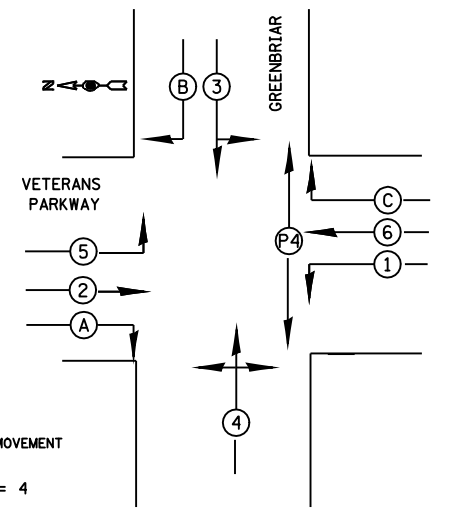
ALL REMOVAL ITEMS SHALL BE DELIVERED TO CITY, WATER, LIGHT AND POWER SPRINGFIELD, IL



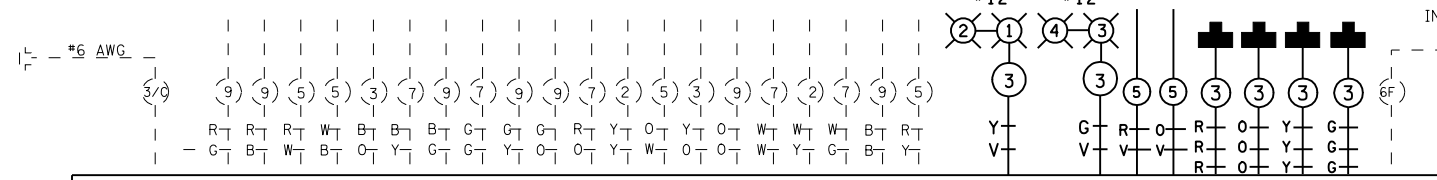
NOTES:

- 1.) EXISTING WIRING TAKEN FROM HISTORICAL DATA. CONTRACTOR SHALL FIELD VERIFY SIGNAL HEAD WIRING.

PHASE DESIGNATION



- LEGEND
- VEHICULAR MOVEMENT
  - OVERLAP (A) = 4
  - OVERLAP (B) = 5
  - OVERLAP (C) = 3



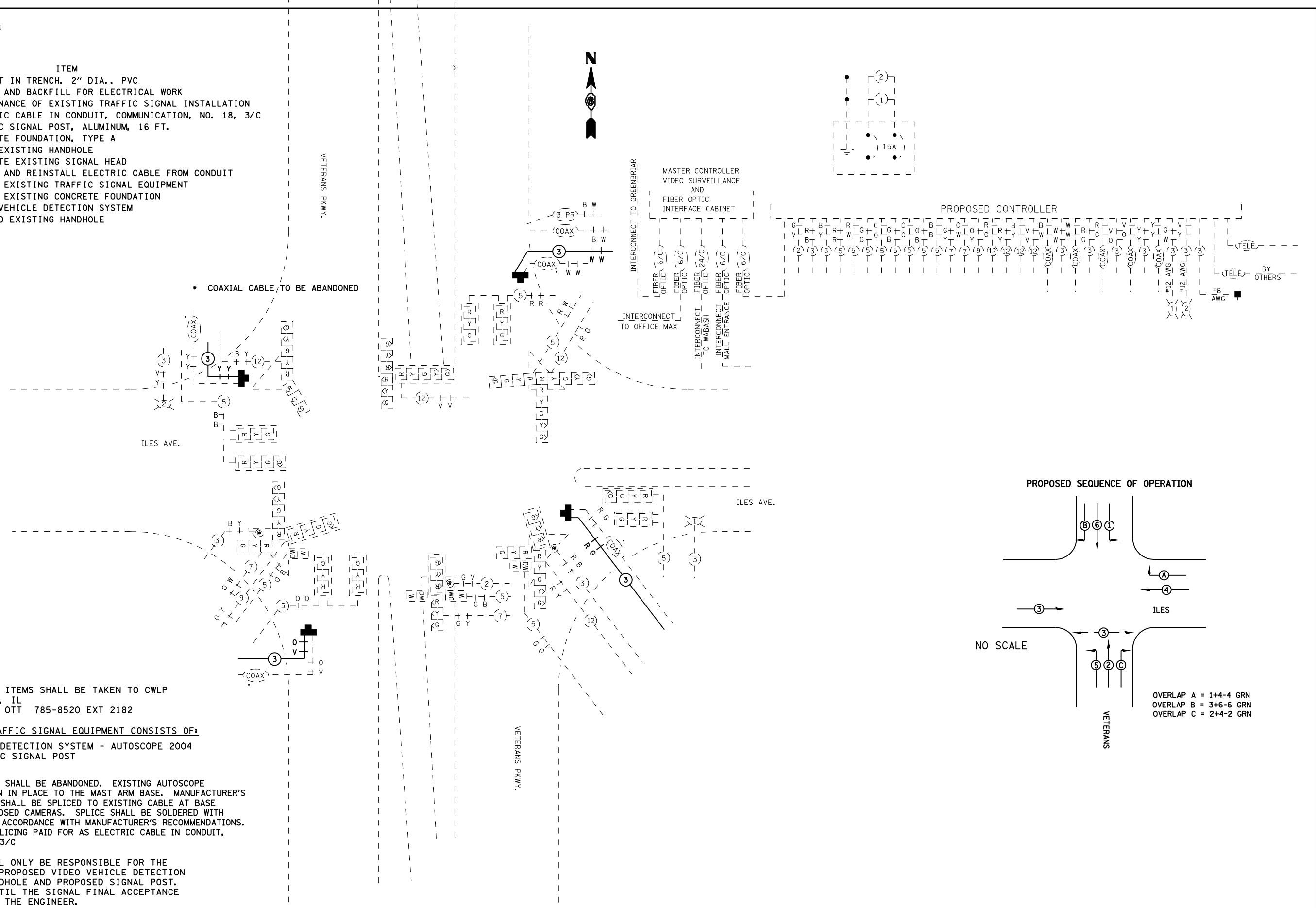
PROPOSED CONTROLLER

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Projects\d652204\cummins_final\d67289-9-sht-tsl.dgn	DRAWN -	REVISED -	662							2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	141	
PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 72889											
PLOT DATE = Mar-18-2008 11:44:19AM	DATE -	REVISED -	FED. ROAD DIST. NO.							ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL QUANTITIES

LOCATION: ILES & ILES

QUANTITY	UNIT	ITEM
3.0	FOOT	CONDUIT IN TRENCH, 2" DIA., PVC
3.0	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
192.0	FOOT	ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 18, 3/C
1	EACH	TRAFFIC SIGNAL POST, ALUMINUM, 16 FT.
3.0	FOOT	CONCRETE FOUNDATION, TYPE A
1	EACH	DRILL EXISTING HANDHOLE
3	EACH	RELOCATE EXISTING SIGNAL HEAD
25.5	FOOT	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	REMOVE EXISTING CONCRETE FOUNDATION
1	EACH	VIDEO VEHICLE DETECTION SYSTEM
2	EACH	REBUILD EXISTING HANDHOLE



NOTE: ALL REMOVAL ITEMS SHALL BE TAKEN TO CWLP SPRINGFIELD, IL CONTACT DAN OTT 785-8520 EXT 2182

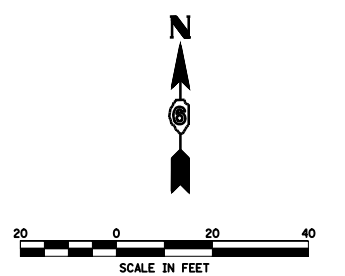
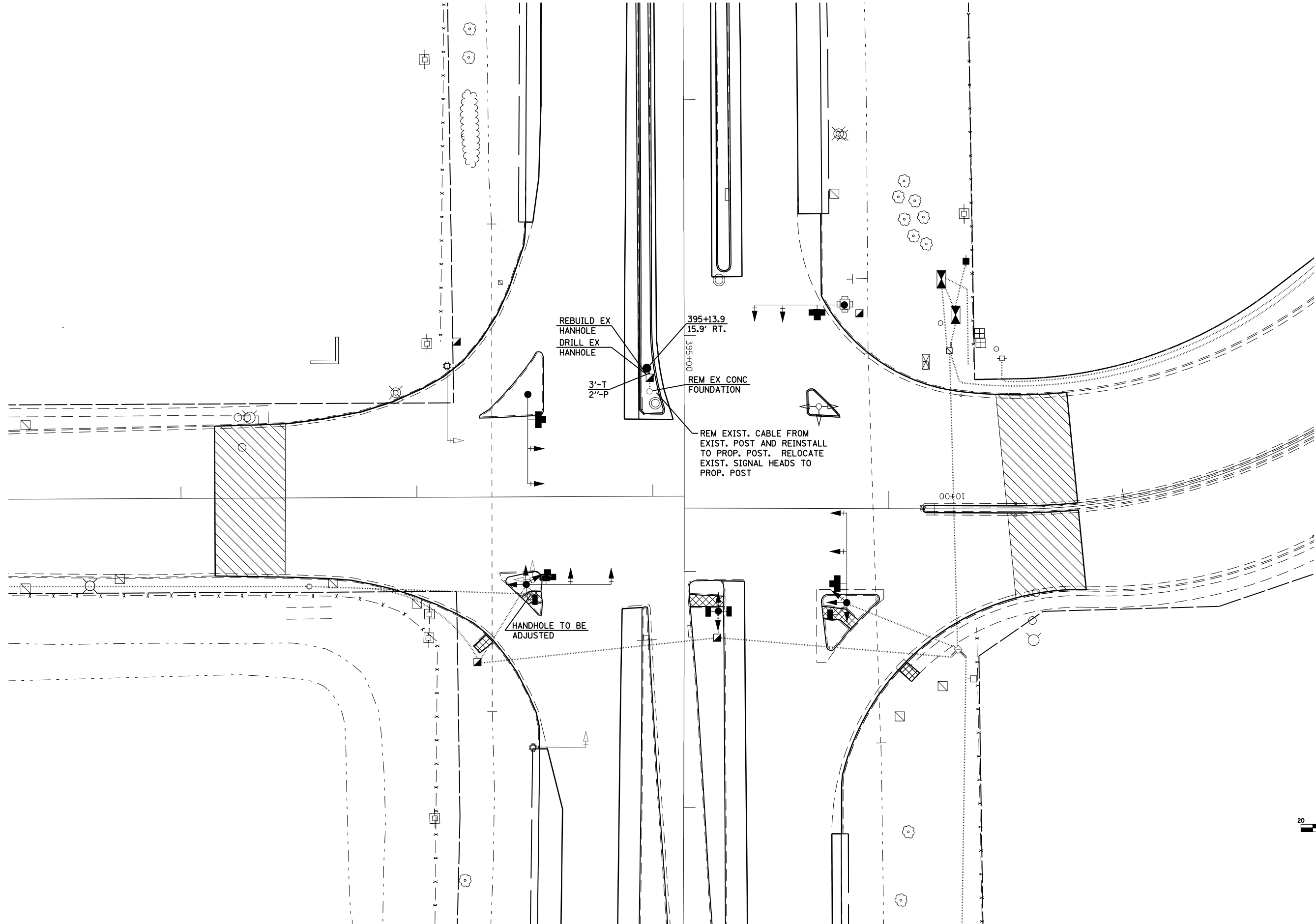
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT CONSISTS OF:

1	EACH	VIDEO DETECTION SYSTEM - AUTOSCOPE 2004
1	EACH	TRAFFIC SIGNAL POST

EXISTING COAXIAL CABLE SHALL BE ABANDONED. EXISTING AUTOSCOPE 3/C CABLE SHALL REMAIN IN PLACE TO THE MAST ARM BASE. MANUFACTURER'S SUPPLIED 3-WIRE CABLE SHALL BE SPLICED TO EXISTING CABLE AT BASE AND INSTALLED TO PROPOSED CAMERAS. SPLICE SHALL BE SOLDERED WITH A HEAT SHRINK WRAP IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. PROPOSED CABLE AND SPLICING PAID FOR AS ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 18, 3/C

THE CONTRACTOR SHALL ONLY BE RESPONSIBLE FOR THE MAINTENANCE OF THE PROPOSED VIDEO VEHICLE DETECTION SYSTEM, REBUILT HANDHOLE AND PROPOSED SIGNAL POST. THIS SHALL APPLY UNTIL THE SIGNAL FINAL ACCEPTANCE NOTICE IS ISSUED BY THE ENGINEER.

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 72889				
PLOT DATE = Mar-18-2008 11:44:26AM		DATE -	REVISED -		FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
					SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.

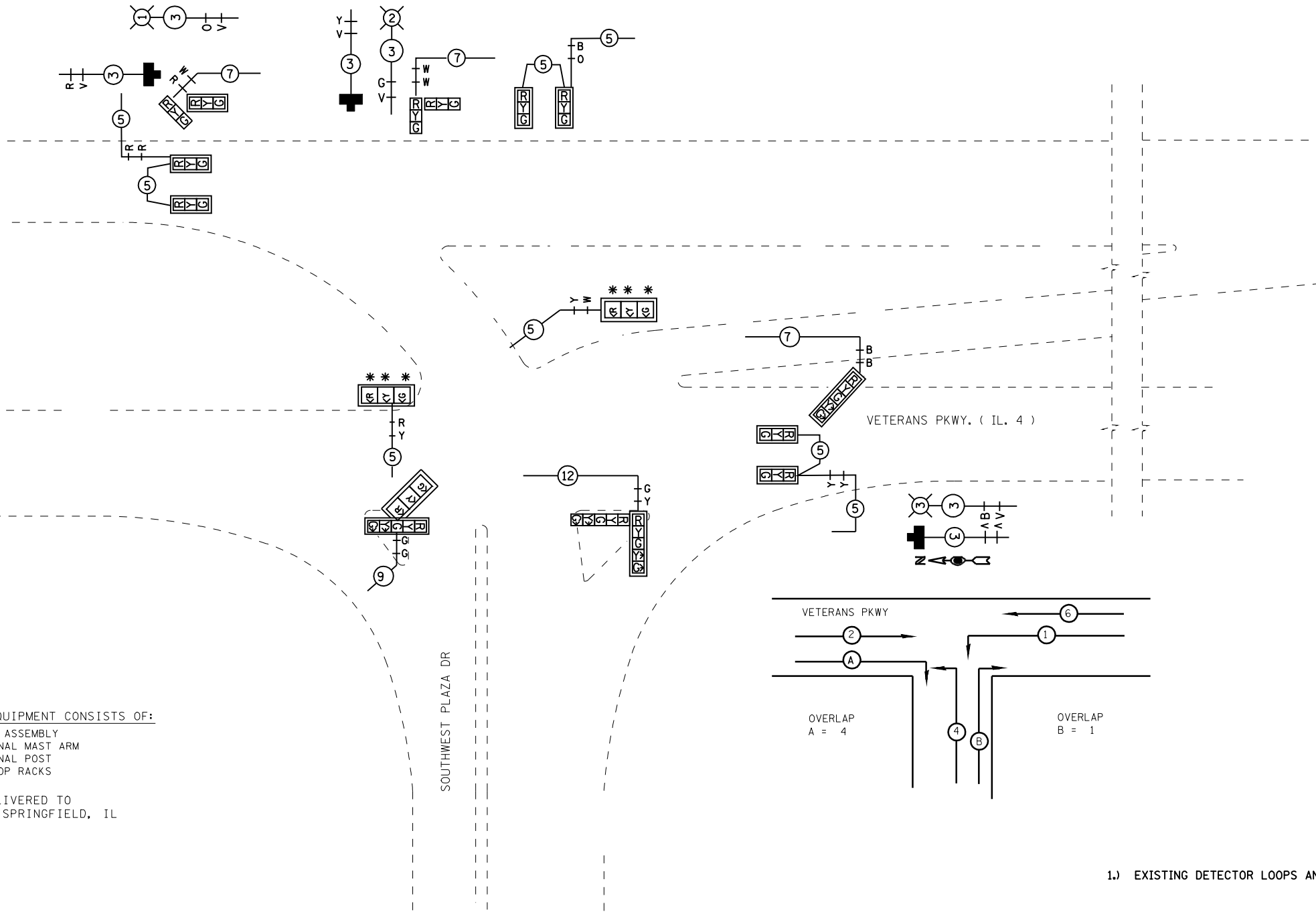


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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	143
CONTRACT NO. 72889				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

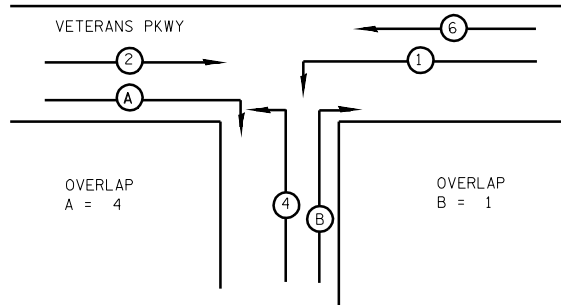


\* GEOM. PROG. LOUVER

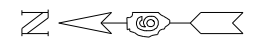
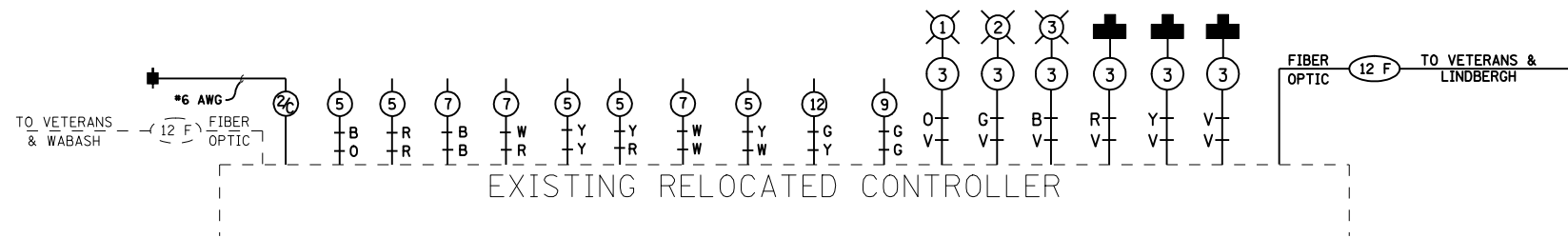
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT CONSISTS OF:

- 10 EACH SIGNAL HEAD ASSEMBLY
- 2 EACH TRAFFIC SIGNAL MAST ARM
- 5 EACH TRAFFIC SIGNAL POST
- 2 EACH DETECTOR LOOP RACKS

ALL REMOVAL ITEMS SHALL BE DELIVERED TO  
CITY, WATER, LIGHT AND POWER SPRINGFIELD, IL

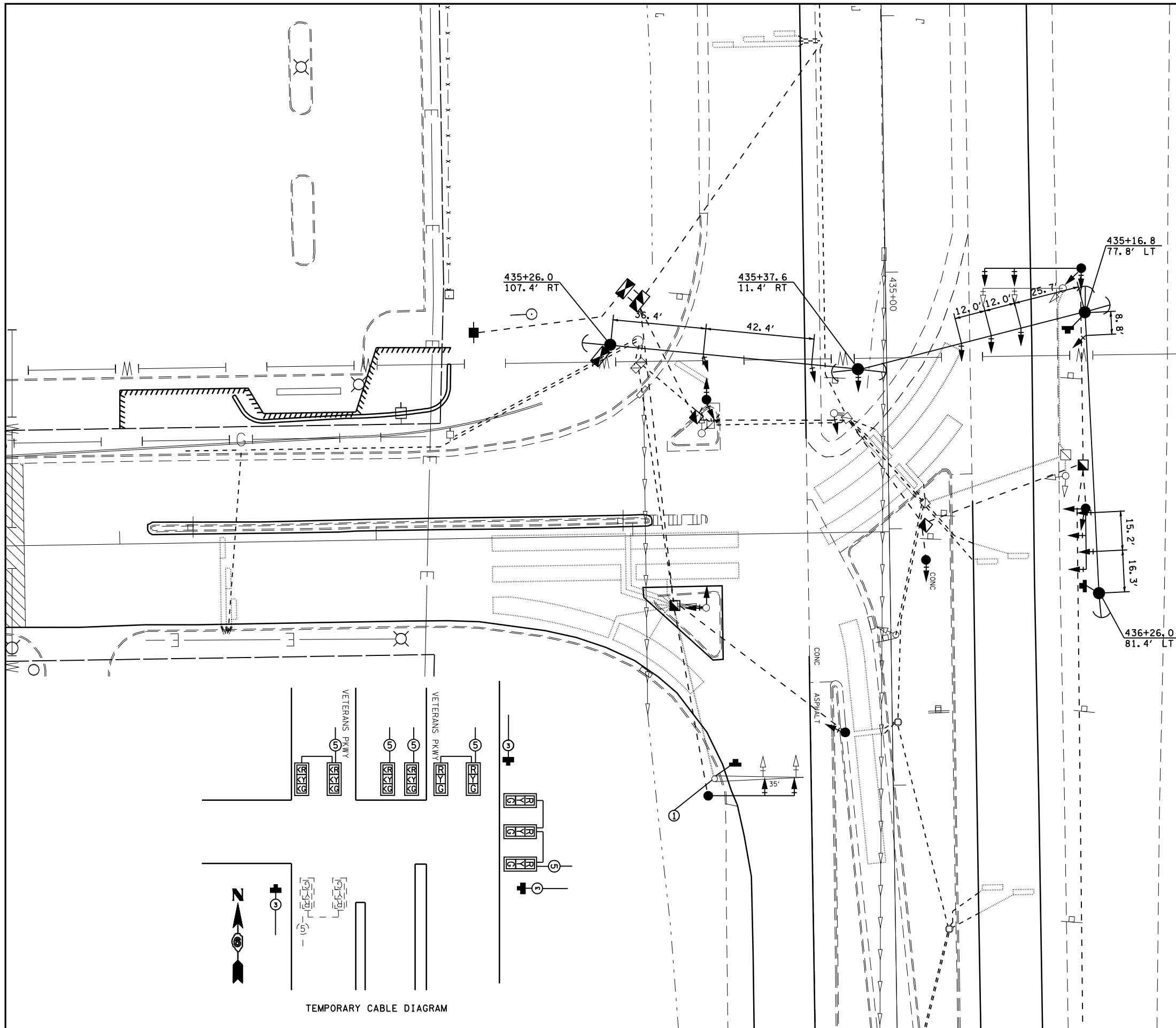


1.) EXISTING DETECTOR LOOPS AND CABLES SHALL BE ABANDONED



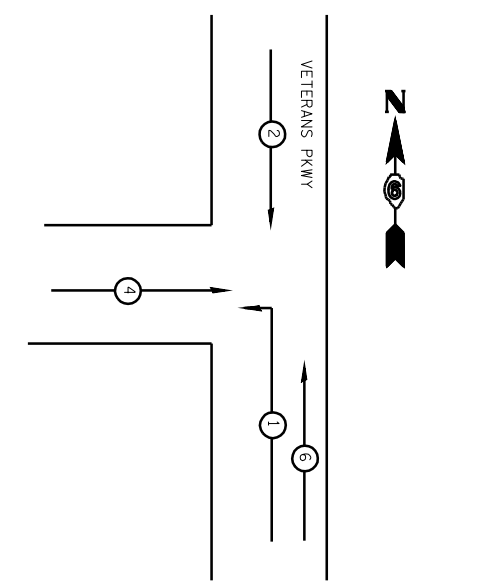
FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Projects\d652204\cummins_final\d67289-shr-tsl.dgn		DRAWN -	REVISED -		662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	144
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 72889				
PLOT DATE = Mar-18-2008 11:44:41AM		DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
SCALE:					SHEET NO.	OF SHEETS	STA.	TO STA.	



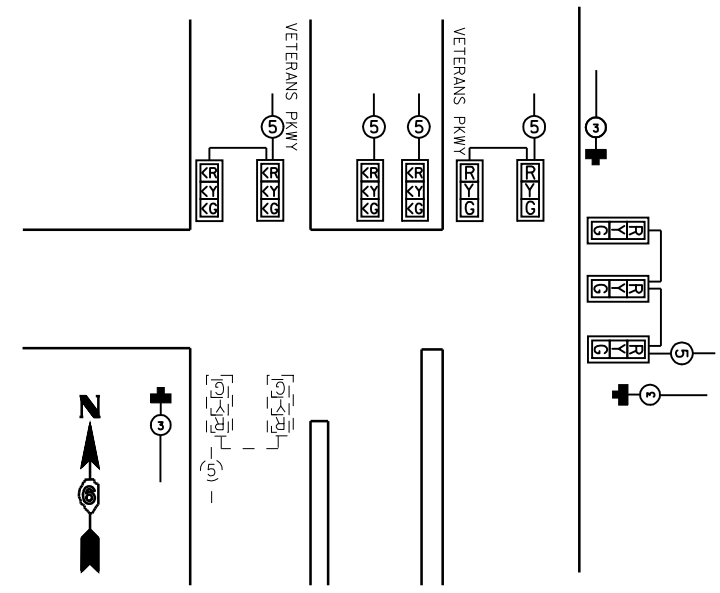
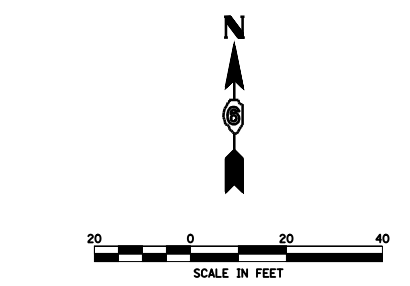


**TEMPORARY SIGNAL NOTES**

- 1.) EXISTING MAST ARM SHALL REMAIN IN PLACE DURING CONSTRUCTION AND SHALL BE UTILIZED AS PART OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION. MAST ARM SHALL BE REMOVED AFTER PROPOSED SIGNALS HAVE BEEN ACTIVATED. EXISTING CABLE TO MAST ARM MAY BE CONNECTED TO TEMPORARY SIGNAL CONTROLLER TO SUPPLY POWER DURING TEMPORARY OPERATION. CAMERA MOUNTING ASSEMBLY SHALL BE MOUNTED TO MAST ARM TO INSTALL VIDEO CAMERA. PROPOSED CAMERA CABLE SHALL BE INSTALLED THROUGH EXISTING CONDUIT TO TEMPORARY CONTROLLER. THIS WORK SHALL BE INCLUDED AS PART OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION PAY ITEM.
- 2.) POLES SHALL BE GUYED OR ANCHORED TO THE SATISFACTION OF THE ENGINEER. ANY ADJUSTMENTS SHALL BE CONSIDERED PART OF THE PAY ITEM FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.
- 3.) PROPOSED VIDEO DETECTION SYSTEM SHALL BE UTILIZED TO PROVIDE DETECTION FOR THE TEMPORARY CONTROLLER. THE CAMERAS AND CONTROL UNIT SHALL BE RELOCATED TO THE PERMANENT TRAFFIC SIGNAL INSTALLATION. ANY ADJUSTMENTS AND RELOCATION OF VIDEO COMPONENTS ARE TO BE INCLUDED IN THE TEMPORARY TRAFFIC SIGNAL INSTALLATION COST.
- 4.) POLES USED FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION SHALL PROVIDE FOR A MINIMUM 35' MOUNTING HEIGHT FOR THE VIDEO CAMERAS.
- 5.) TEMPORARY SIGNALS SHALL BE OPERATIONAL PRIOR TO REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT.



TEMPORARY PHASE DESIGNATION DIAGRAM



TEMPORARY CABLE DIAGRAM

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
C:\Projects\d652204\cummins_final\d67289-9-sht-tsl.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = Mar-18-2008 11:44:48AM	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	145
CONTRACT NO. 72889				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

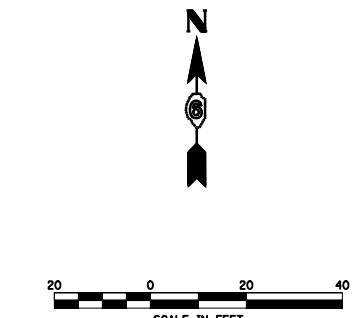
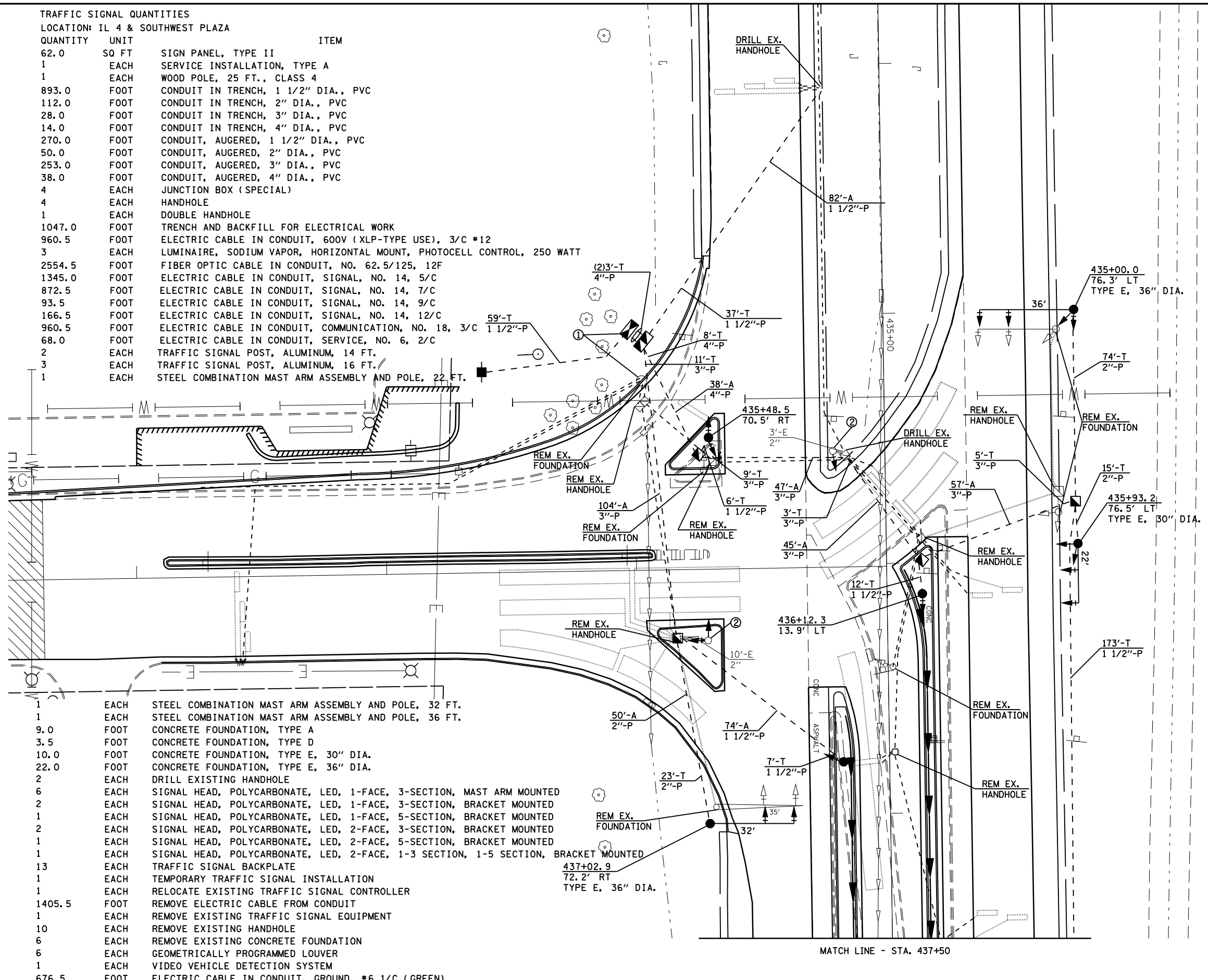
TRAFFIC SIGNAL QUANTITIES

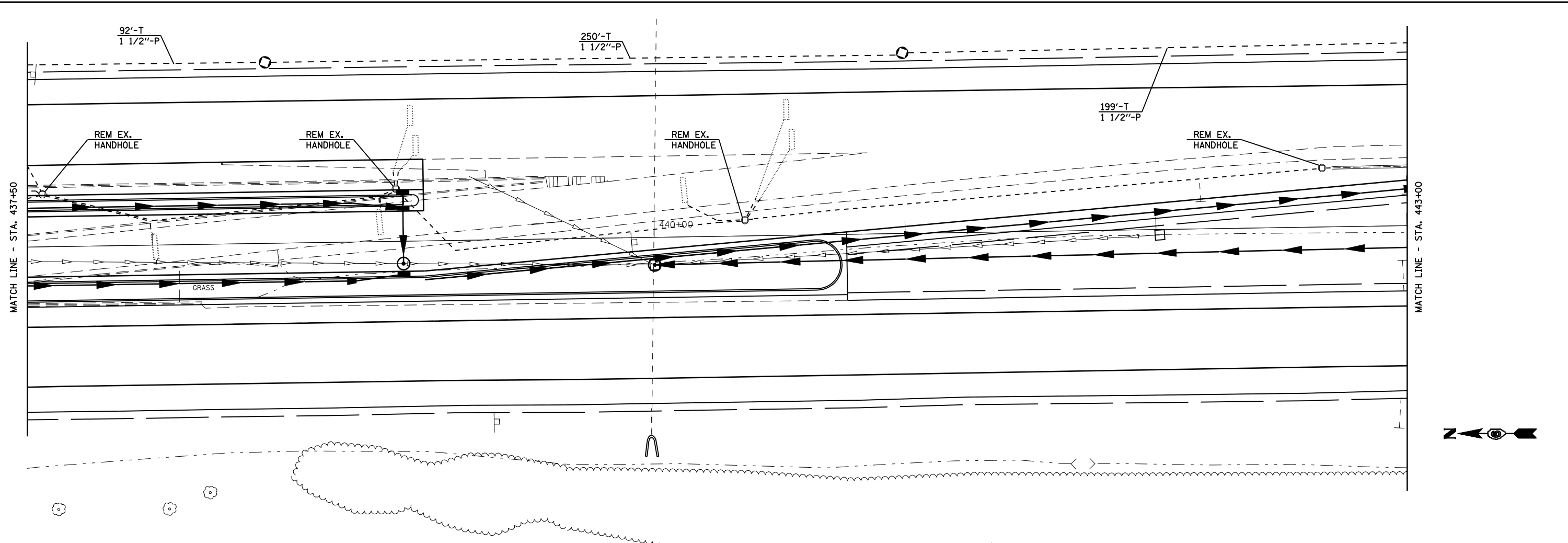
LOCATION: IL 4 & SOUTHWEST PLAZA

QUANTITY	UNIT	ITEM
62.0	SQ FT	SIGN PANEL, TYPE II
1	EACH	SERVICE INSTALLATION, TYPE A
1	EACH	WOOD POLE, 25 FT., CLASS 4
893.0	FOOT	CONDUIT IN TRENCH, 1 1/2" DIA., PVC
112.0	FOOT	CONDUIT IN TRENCH, 2" DIA., PVC
28.0	FOOT	CONDUIT IN TRENCH, 3" DIA., PVC
14.0	FOOT	CONDUIT IN TRENCH, 4" DIA., PVC
270.0	FOOT	CONDUIT, AUGERED, 1 1/2" DIA., PVC
50.0	FOOT	CONDUIT, AUGERED, 2" DIA., PVC
253.0	FOOT	CONDUIT, AUGERED, 3" DIA., PVC
38.0	FOOT	CONDUIT, AUGERED, 4" DIA., PVC
4	EACH	JUNCTION BOX (SPECIAL)
4	EACH	HANDHOLE
1	EACH	DOUBLE HANDHOLE
1047.0	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
960.5	FOOT	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE), 3/C #12
3	EACH	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTOCELL CONTROL, 250 WATT
2554.5	FOOT	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, 12F
1345.0	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 5/C
872.5	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 7/C
93.5	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 9/C
166.5	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 12/C
960.5	FOOT	ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 18, 3/C
68.0	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6, 2/C
2	EACH	TRAFFIC SIGNAL POST, ALUMINUM, 14 FT.
3	EACH	TRAFFIC SIGNAL POST, ALUMINUM, 16 FT.
1	EACH	STEEL COMBINATION MAST ARM AND POLE, 22 FT.

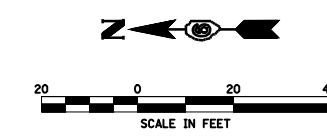
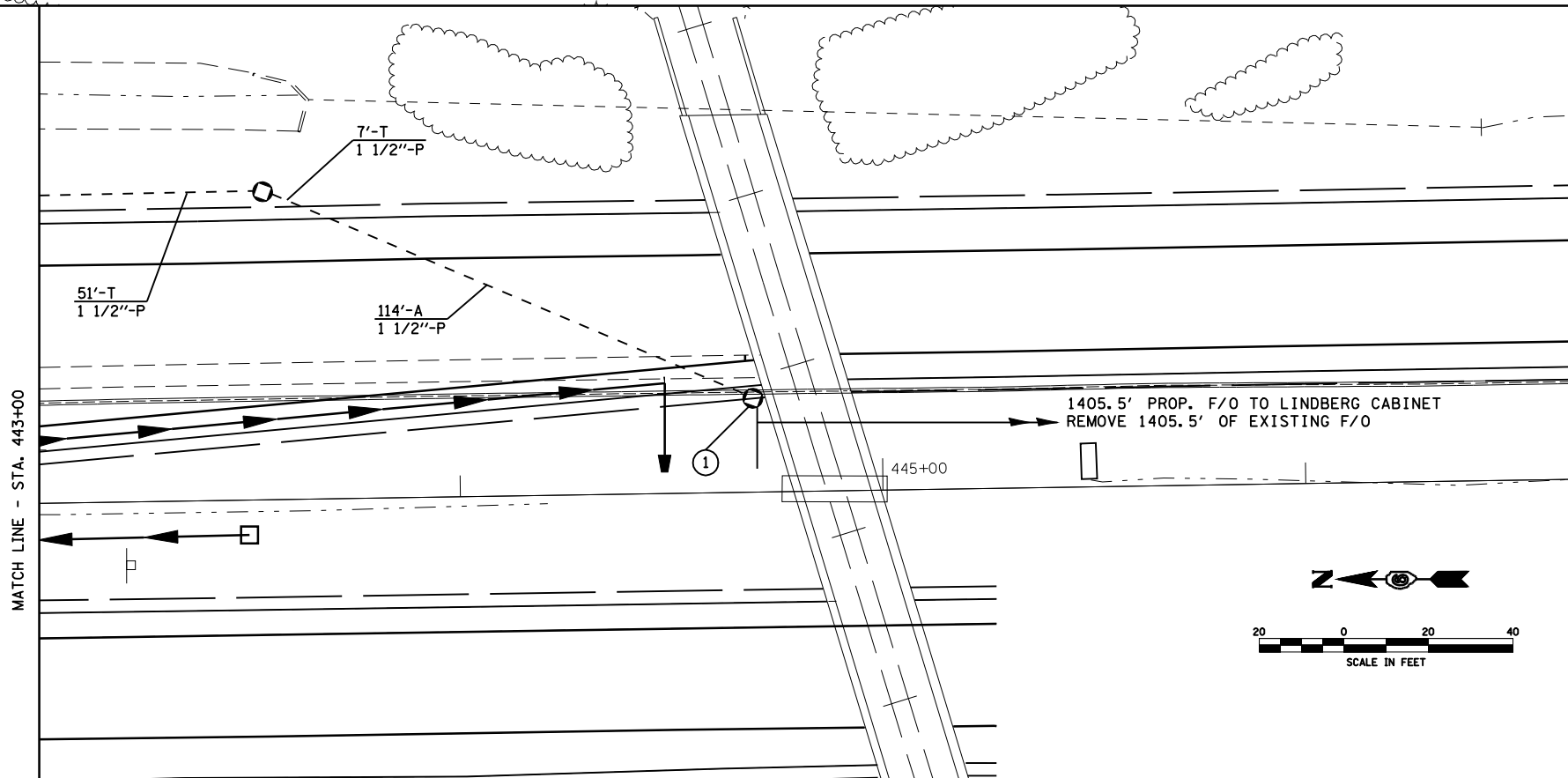
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 32 FT.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 36 FT.
9.0	FOOT	CONCRETE FOUNDATION, TYPE A
3.5	FOOT	CONCRETE FOUNDATION, TYPE D
10.0	FOOT	CONCRETE FOUNDATION, TYPE E, 30" DIA.
22.0	FOOT	CONCRETE FOUNDATION, TYPE E, 36" DIA.
2	EACH	DRILL EXISTING HANDHOLE
6	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
2	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
2	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
13	EACH	TRAFFIC SIGNAL BACKPLATE
1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
1	EACH	RELOCATE EXISTING TRAFFIC SIGNAL CONTROLLER
1405.5	FOOT	REMOVE ELECTRIC CABLE FROM CONDUIT
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
10	EACH	REMOVE EXISTING HANDHOLE
6	EACH	REMOVE EXISTING CONCRETE FOUNDATION
6	EACH	GEOMETRICALLY PROGRAMMED LOUVER
1	EACH	VIDEO VEHICLE DETECTION SYSTEM
676.5	FOOT	ELECTRIC CABLE IN CONDUIT, GROUND, #6 1/C (GREEN)

- 1.) RELOCATE EXISTING TRAFFIC SIGNAL CONTROLLER TO PROPOSED TYPE D FOUNDATION
- 2.) REMOVE EXISTING TRAFFIC SIGNAL POST AND SIGNAL HEAD ASSEMBLY. INSTALL PROPOSED TRAFFIC SIGNAL POST ON EXISTING TYPE A FOUNDATION
- 3.) TRAFFIC SIGNAL MAST ARM ASSEMBLIES SHALL BE DESIGNED FOR THE LOADINGS SHOWN ON THE HIGHWAY STANDARDS OR THESE SIGNAL PLANS WHICHEVER IS GREATER.





1.) INSTALL PROPOSED JUNCTION BOX (SPECIAL) AND CONNECT EXISTING CONDUIT. INSTALL PROPOSED 12F FIBER OPTIC CABLE THRU EXISTING CONDUIT TO EXIST. CONTROLLER CABINET AT LINDBERG. EXISTING FIBER OPTIC CABLE SHALL BE REMOVED FROM PROPOSED JUNCTION BOX TO EXIST. LINDBERG CABINET



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
C:\Projects\d652204\cummins_final\d67289-shr-tsl.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = Mar-18-2008 11:45:07AM	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	147
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72889	

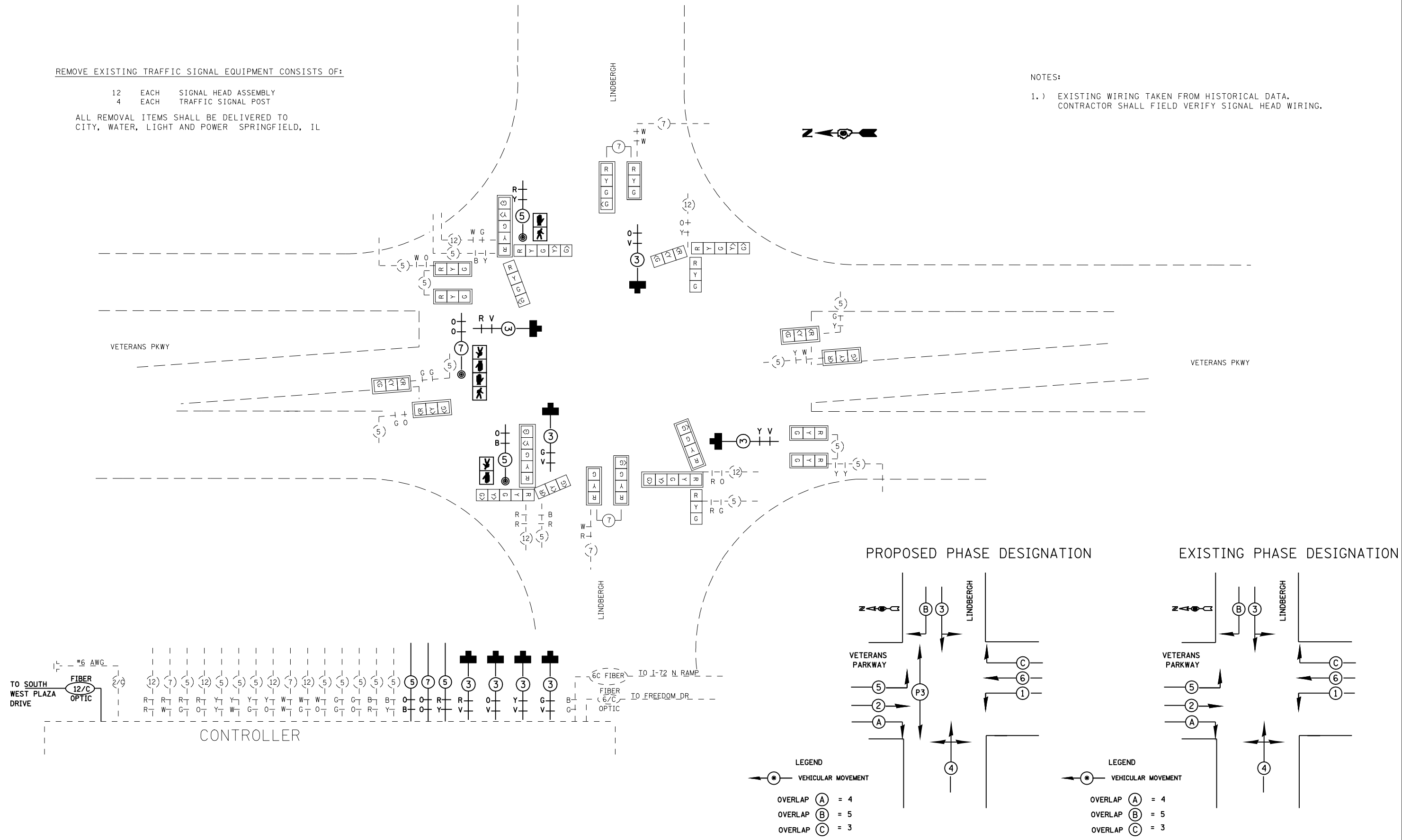
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT CONSISTS OF:

- 12 EACH SIGNAL HEAD ASSEMBLY
- 4 EACH TRAFFIC SIGNAL POST

ALL REMOVAL ITEMS SHALL BE DELIVERED TO CITY, WATER, LIGHT AND POWER SPRINGFIELD, IL

NOTES:

- 1.) EXISTING WIRING TAKEN FROM HISTORICAL DATA. CONTRACTOR SHALL FIELD VERIFY SIGNAL HEAD WIRING.

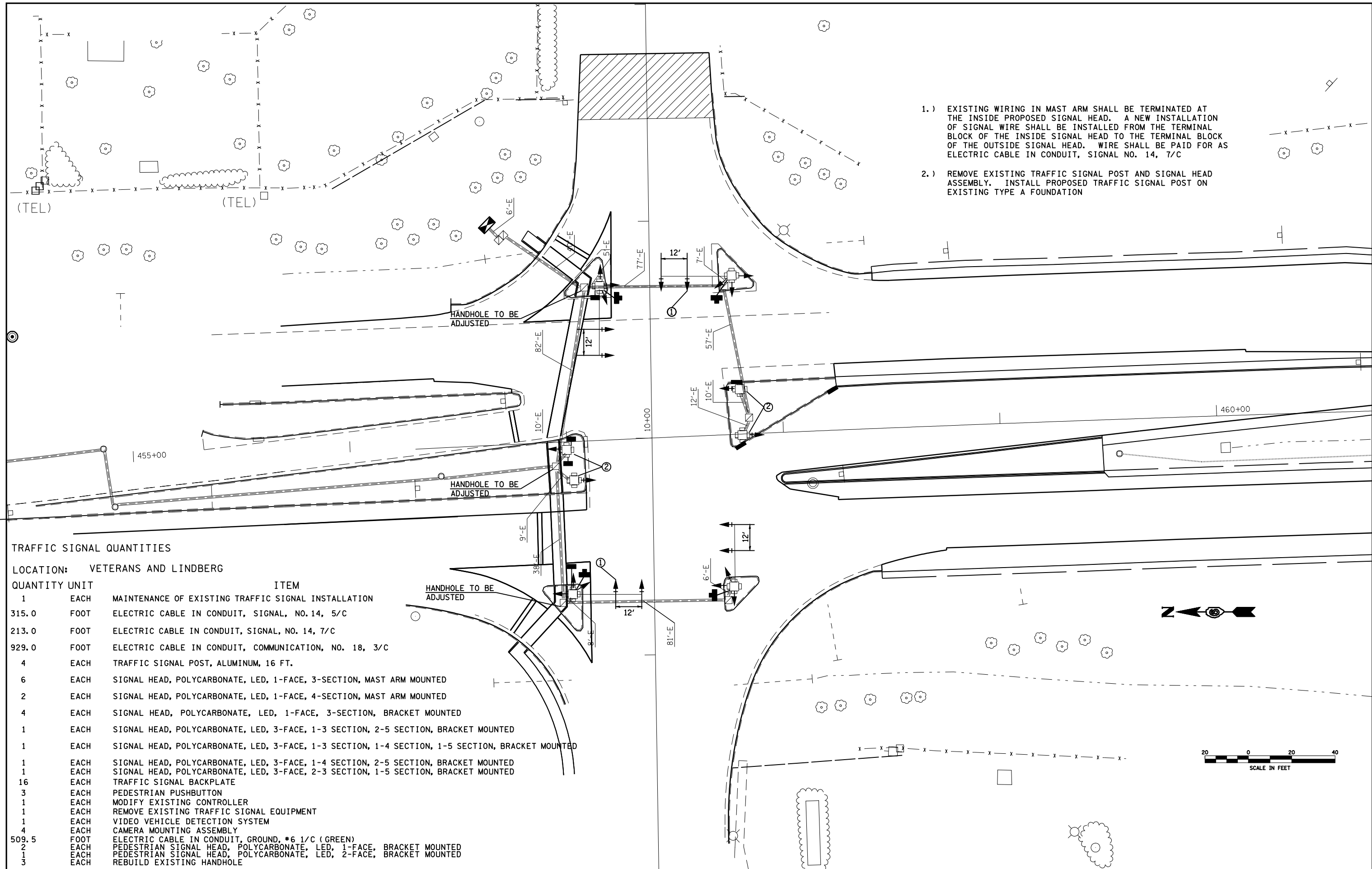


FILE NAME =	USER NAME = laughlin1	DESIGNED -	REVISED -
C:\Projects\d652204\cummins_final\d67289-shr-tsl.dgn		DRAWN -	REVISED -
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = Mar-18-2008 11:45:14AM		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	148
CONTRACT NO. 72889				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



- 1.) EXISTING WIRING IN MAST ARM SHALL BE TERMINATED AT THE INSIDE PROPOSED SIGNAL HEAD. A NEW INSTALLATION OF SIGNAL WIRE SHALL BE INSTALLED FROM THE TERMINAL BLOCK OF THE INSIDE SIGNAL HEAD TO THE TERMINAL BLOCK OF THE OUTSIDE SIGNAL HEAD. WIRE SHALL BE PAID FOR AS ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 7/C
- 2.) REMOVE EXISTING TRAFFIC SIGNAL POST AND SIGNAL HEAD ASSEMBLY. INSTALL PROPOSED TRAFFIC SIGNAL POST ON EXISTING TYPE A FOUNDATION

**TRAFFIC SIGNAL QUANTITIES**

LOCATION: VETERANS AND LINDBERG

QUANTITY	UNIT	ITEM
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
315.0	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 5/C
213.0	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 7/C
929.0	FOOT	ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 18, 3/C
4	EACH	TRAFFIC SIGNAL POST, ALUMINUM, 16 FT.
6	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
2	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED
4	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 1-3 SECTION, 2-5 SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 1-3 SECTION, 1-4 SECTION, 1-5 SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 1-4 SECTION, 2-5 SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 2-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
16	EACH	TRAFFIC SIGNAL BACKPLATE
3	EACH	PEDESTRIAN PUSHBUTTON
1	EACH	MODIFY EXISTING CONTROLLER
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	VIDEO VEHICLE DETECTION SYSTEM
4	EACH	CAMERA MOUNTING ASSEMBLY
509.5	FOOT	ELECTRIC CABLE IN CONDUIT, GROUND, #6 1/C (GREEN)
2	EACH	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED
1	EACH	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED
3	EACH	REBUILD EXISTING HANDHOLE

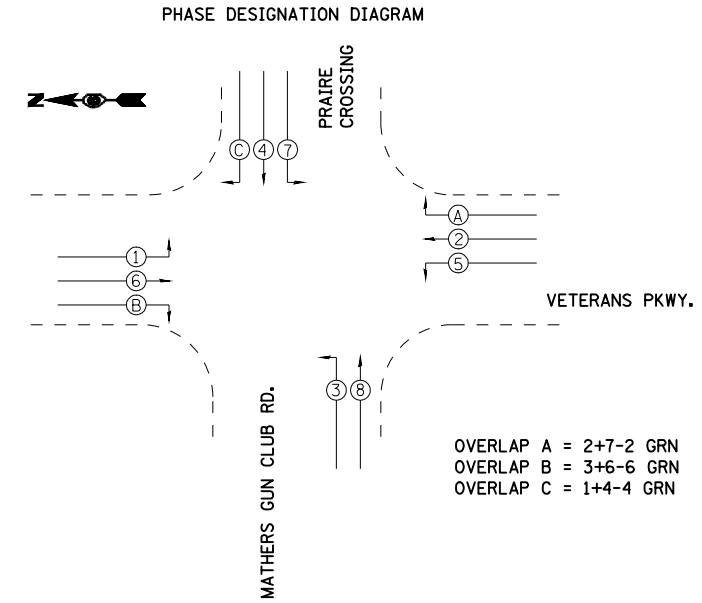
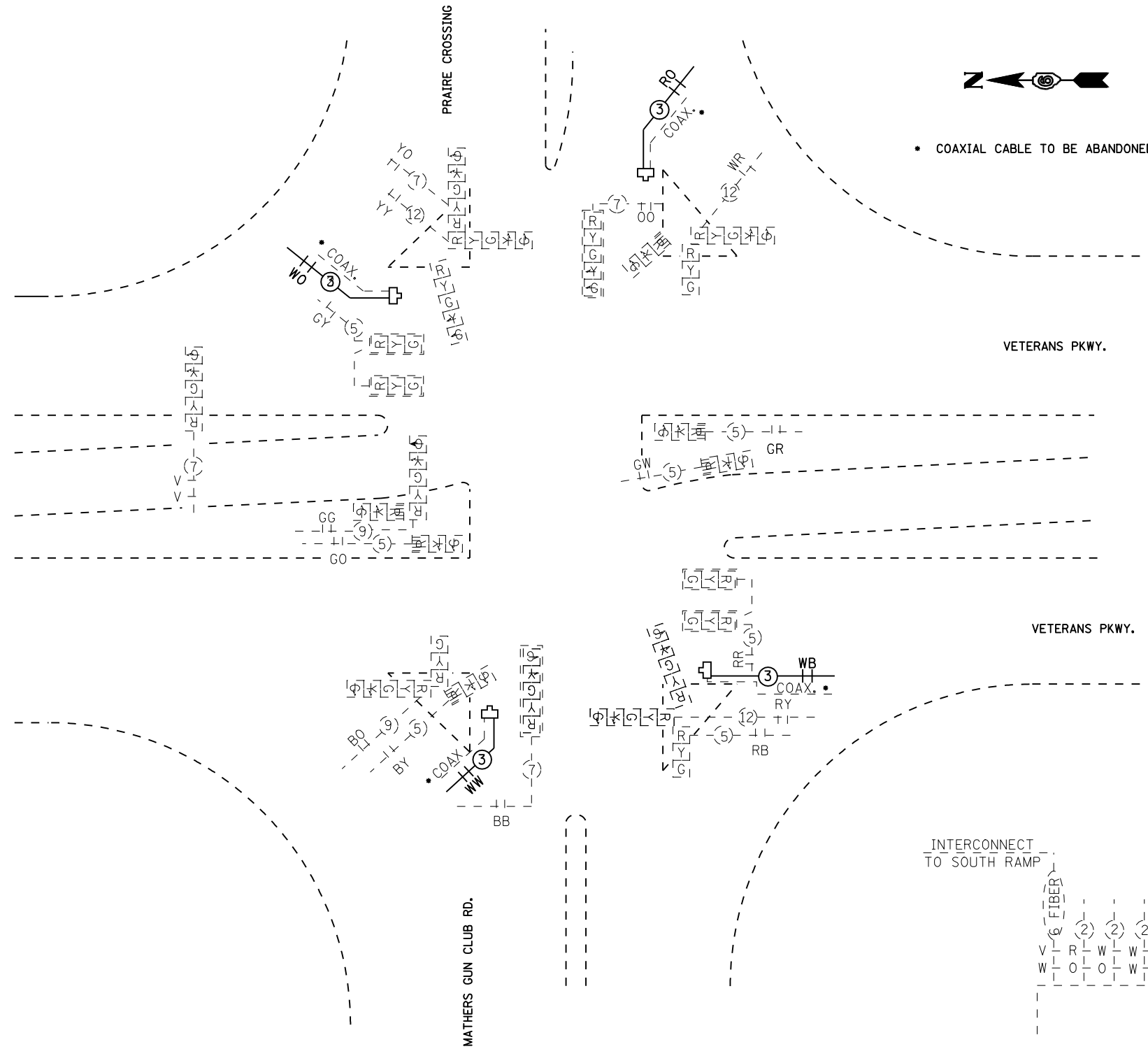
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	149
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

CONTRACT NO. 72889



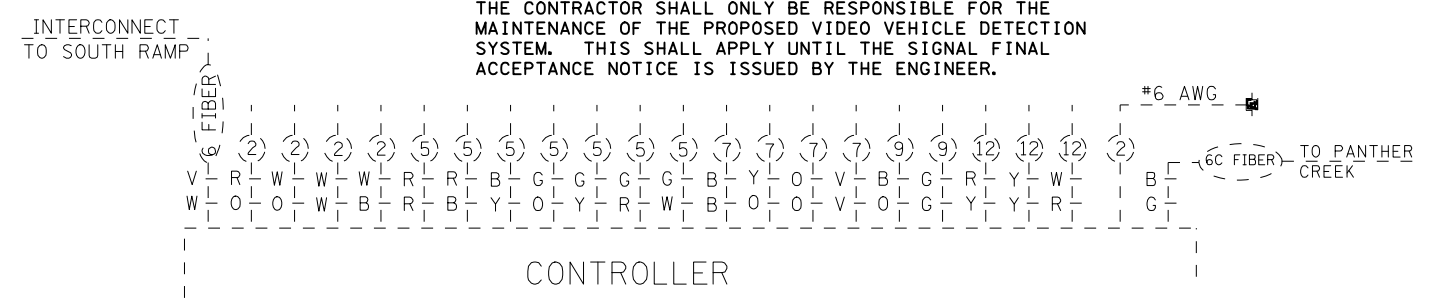
NOTE: ALL REMOVAL ITEMS SHALL BE TAKEN TO CWLP  
 SPRINGFIELD, IL  
 CONTACT DAN OTT 785-8520 EXT 2182

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT CONSISTS OF:

- 1 EACH VIDEO DETECTION SYSTEM - AUTOSCOPE 2004

EXISTING COAXIAL CABLE SHALL BE ABANDONED. EXISTING AUTOSCOPE 3/C CABLE SHALL REMAIN IN PLACE TO THE MAST ARM BASE. MANUFACTURER'S SUPPLIED 3-WIRE CABLE SHALL BE SPLICED TO EXISTING CABLE AT BASE AND INSTALLED TO PROPOSED CAMERAS. SPLICE SHALL BE SOLDERED WITH A HEAT SHRINK WRAP IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. PROPOSED CABLE AND SPLICING PAID FOR AS ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 18, 3/C

THE CONTRACTOR SHALL ONLY BE RESPONSIBLE FOR THE MAINTENANCE OF THE PROPOSED VIDEO VEHICLE DETECTION SYSTEM. THIS SHALL APPLY UNTIL THE SIGNAL FINAL ACCEPTANCE NOTICE IS ISSUED BY THE ENGINEER.

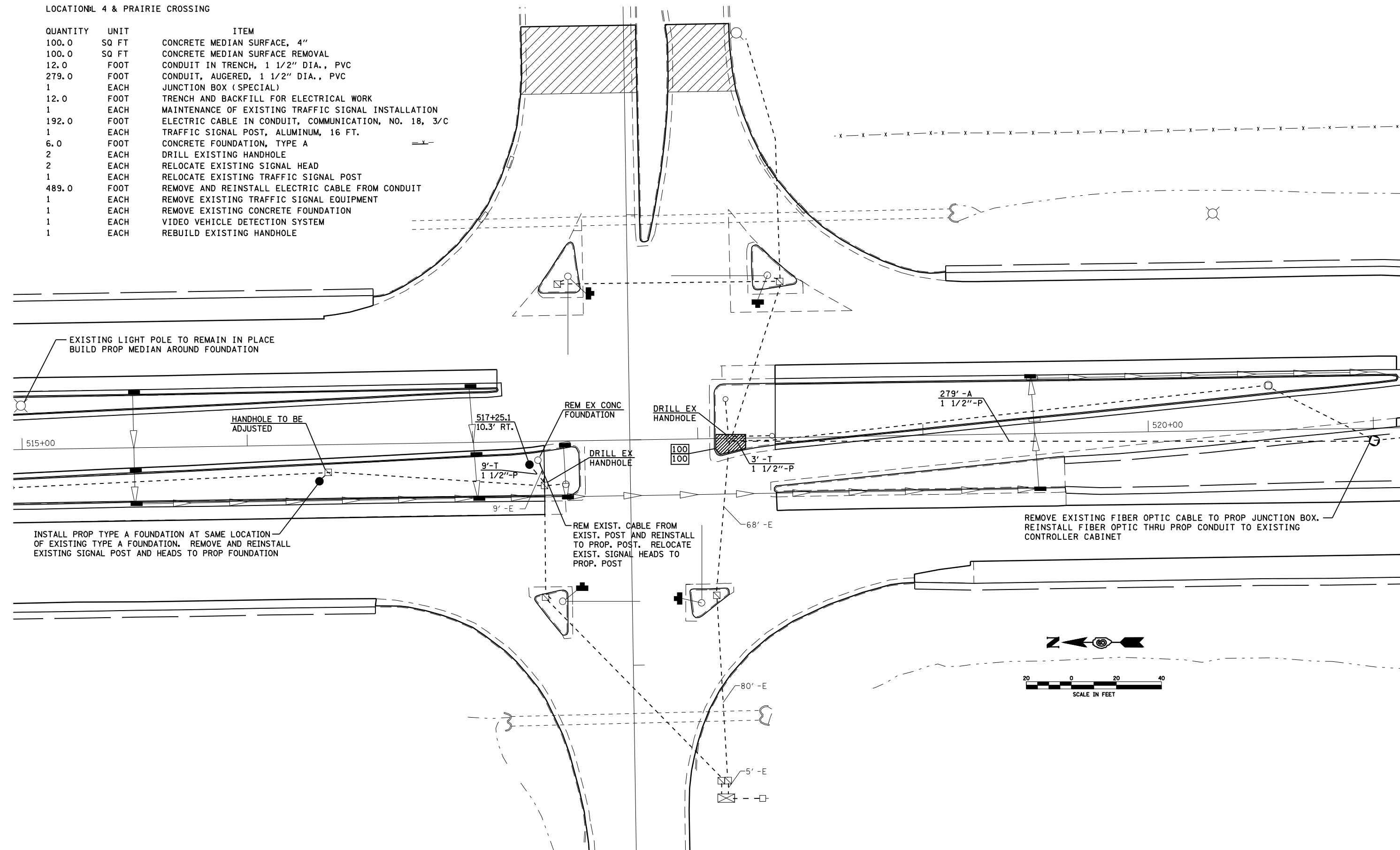


FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Projects\d652204\cummins_final\d67289-sht-tsl.dgn	DRAWN -	REVISED -	662							2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	150	
PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 72889											
PLOT DATE = Mar-18-2008 11:45:29AM	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT											

TRAFFIC SIGNAL QUANTITIES

LOCATION: L 4 & PRAIRIE CROSSING

QUANTITY	UNIT	ITEM
100.0	SQ FT	CONCRETE MEDIAN SURFACE, 4"
100.0	SQ FT	CONCRETE MEDIAN SURFACE REMOVAL
12.0	FOOT	CONDUIT IN TRENCH, 1 1/2" DIA., PVC
279.0	FOOT	CONDUIT, AUGERED, 1 1/2" DIA., PVC
1	EACH	JUNCTION BOX (SPECIAL)
12.0	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
192.0	FOOT	ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 18, 3/C
1	EACH	TRAFFIC SIGNAL POST, ALUMINUM, 16 FT.
6.0	FOOT	CONCRETE FOUNDATION, TYPE A
2	EACH	DRILL EXISTING HANDHOLE
2	EACH	RELOCATE EXISTING SIGNAL HEAD
1	EACH	RELOCATE EXISTING TRAFFIC SIGNAL POST
489.0	FOOT	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	REMOVE EXISTING CONCRETE FOUNDATION
1	EACH	VIDEO VEHICLE DETECTION SYSTEM
1	EACH	REBUILD EXISTING HANDHOLE



EXISTING LIGHT POLE TO REMAIN IN PLACE  
BUILD PROP MEDIAN AROUND FOUNDATION

HANDHOLE TO BE ADJUSTED

517+25.1  
10.3' RT.

REM EX CONC FOUNDATION

DRILL EX HANDHOLE

279' -A  
1 1/2"-P

520+00

9'-T  
1 1/2"-P

DRILL EX HANDHOLE

100  
100

3'-T  
1 1/2"-P

68' -E

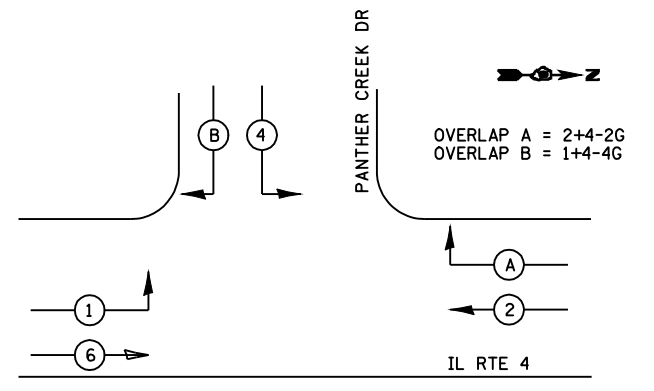
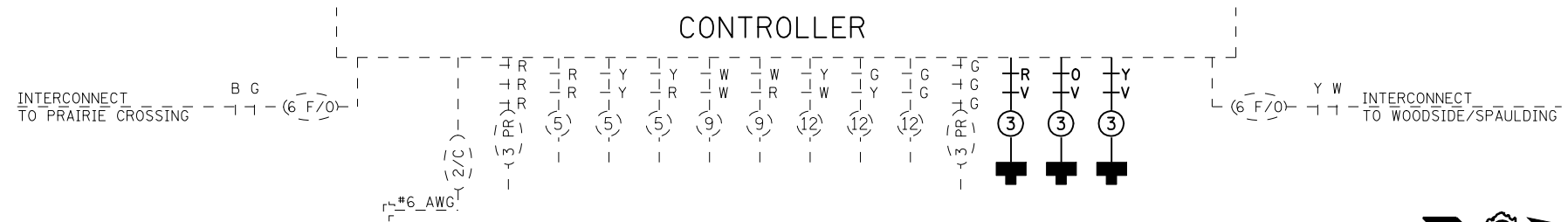
REMOVE EXISTING FIBER OPTIC CABLE TO PROP JUNCTION BOX.  
REINSTALL FIBER OPTIC THRU PROP CONDUIT TO EXISTING CONTROLLER CABINET

INSTALL PROP TYPE A FOUNDATION AT SAME LOCATION OF EXISTING TYPE A FOUNDATION. REMOVE AND REINSTALL EXISTING SIGNAL POST AND HEADS TO PROP FOUNDATION

REM EXIST. CABLE FROM EXIST. POST AND REINSTALL TO PROP. POST. RELOCATE EXIST. SIGNAL HEADS TO PROP. POST



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Projects\d652204\cummins_final\d67289-shr-tsl.dgn		DRAWN -	REVISED -		662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	151
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 72889				
PLOT DATE = Mar-18-2008 11:45:37AM		DATE -	REVISED -		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
					SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.



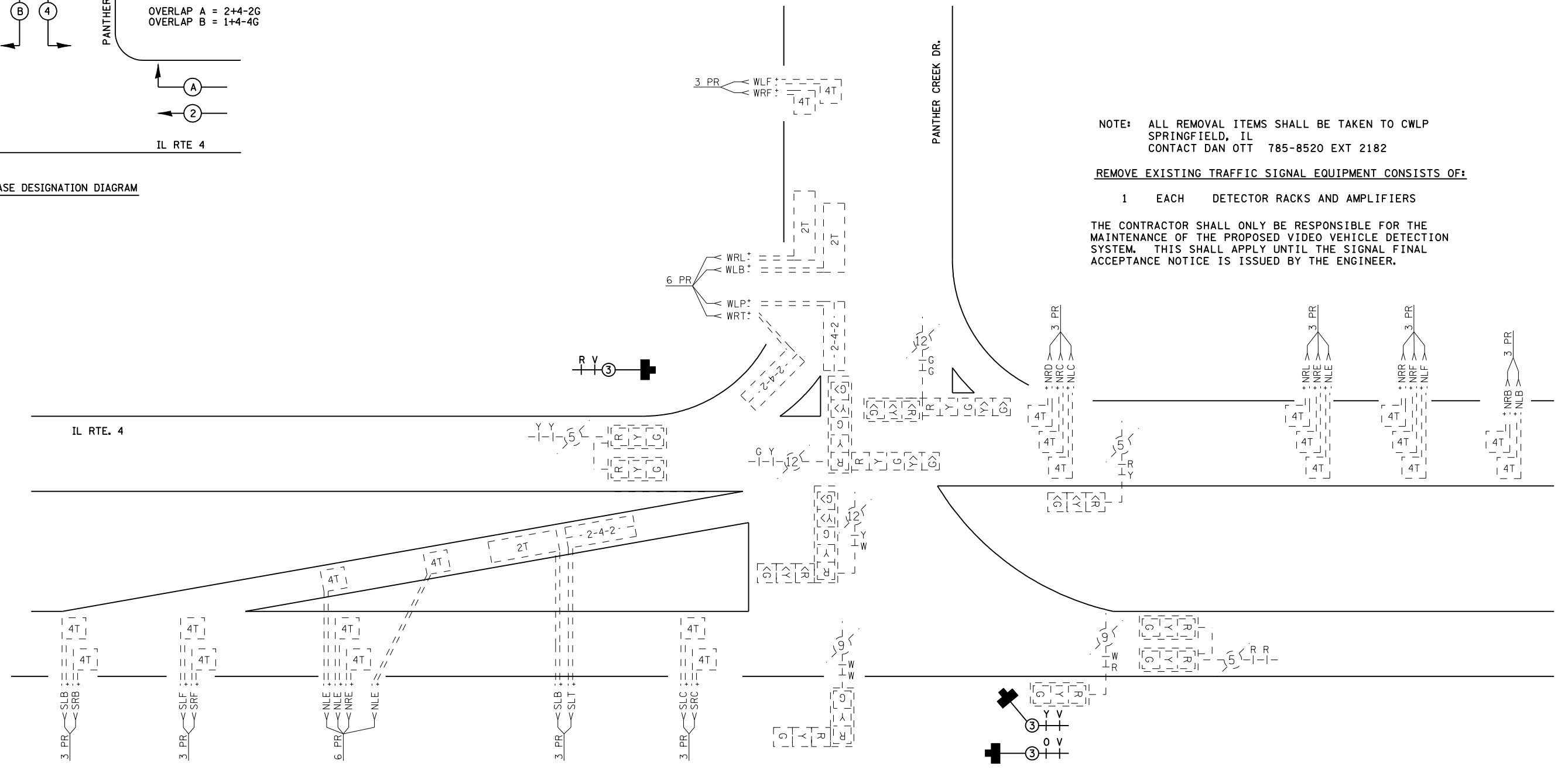
PHASE DESIGNATION DIAGRAM

NOTE: ALL REMOVAL ITEMS SHALL BE TAKEN TO CWLP  
SPRINGFIELD, IL  
CONTACT DAN OTT 785-8520 EXT 2182

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT CONSISTS OF:

- 1 EACH DETECTOR RACKS AND AMPLIFIERS

THE CONTRACTOR SHALL ONLY BE RESPONSIBLE FOR THE MAINTENANCE OF THE PROPOSED VIDEO VEHICLE DETECTION SYSTEM. THIS SHALL APPLY UNTIL THE SIGNAL FINAL ACCEPTANCE NOTICE IS ISSUED BY THE ENGINEER.



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
C:\Projects\d652204\cummins_final\d672889-sht-tsl.dgn		DRAWN -	REVISED -
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
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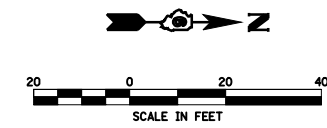
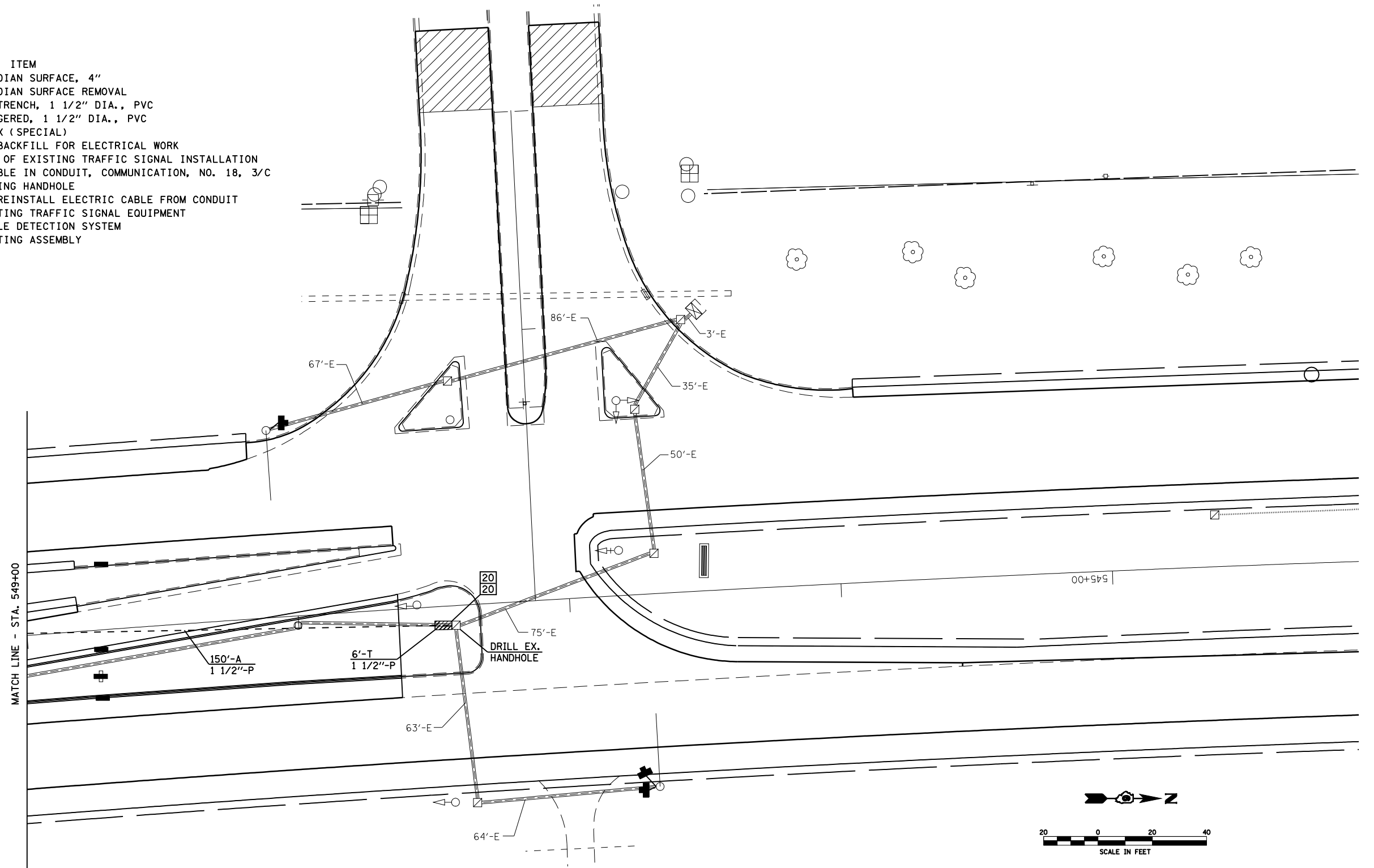
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	152
CONTRACT NO. 72889				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



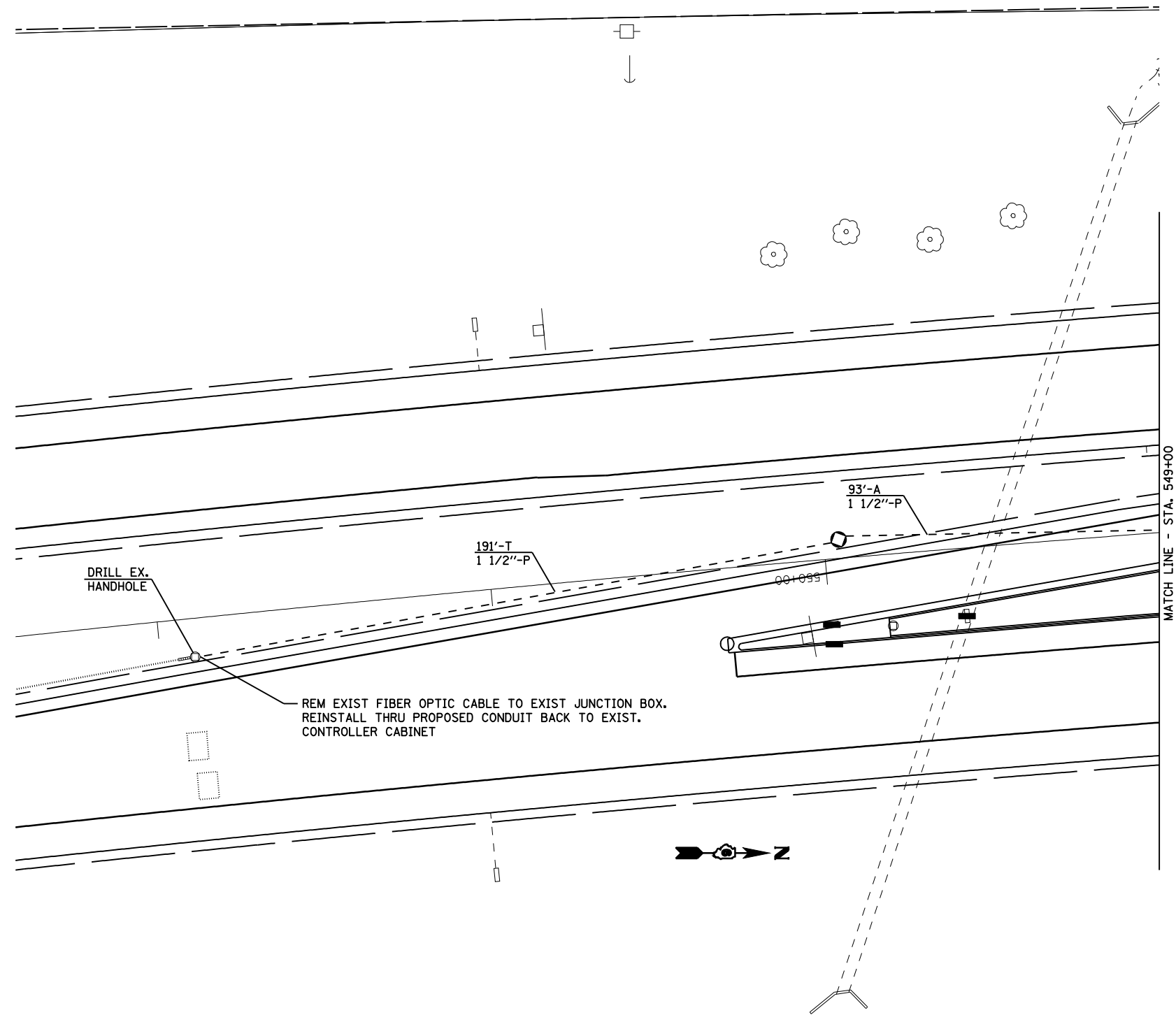
TRAFFIC SIGNAL QUANTITIES

LOCATION: IL 4 & PANTHER CREEK

QUANTITY	UNIT	ITEM
20.0	SQ FT	CONCRETE MEDIAN SURFACE, 4"
20.0	SQ FT	CONCRETE MEDIAN SURFACE REMOVAL
197.0	FOOT	CONDUIT IN TRENCH, 1 1/2" DIA., PVC
243.0	FOOT	CONDUIT, AUGERED, 1 1/2" DIA., PVC
1	EACH	JUNCTION BOX (SPECIAL)
197.0	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
986.5	FOOT	ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 18, 3/C
2	EACH	DRILL EXISTING HANDHOLE
633.5	FOOT	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	VIDEO VEHICLE DETECTION SYSTEM
2	EACH	CAMERA MOUNTING ASSEMBLY



FILE NAME = C:\Projects\d652204\cummins_final\d67289-sh-t-tsl.dgn	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -	662					2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	153	
PLOT DATE = Mar-18-2008 11:45:51AM	DATE -	REVISED -	CONTRACT NO. 72889									
								FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



MATCH LINE - STA. 549+00

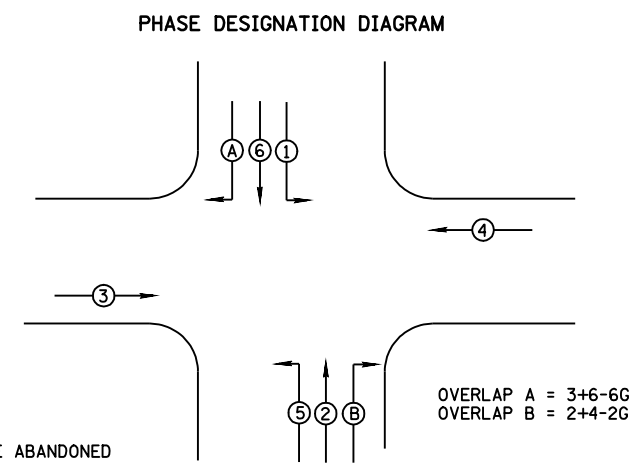
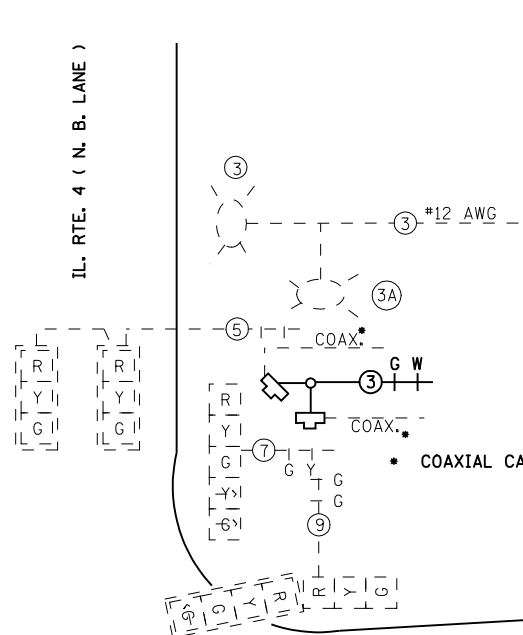
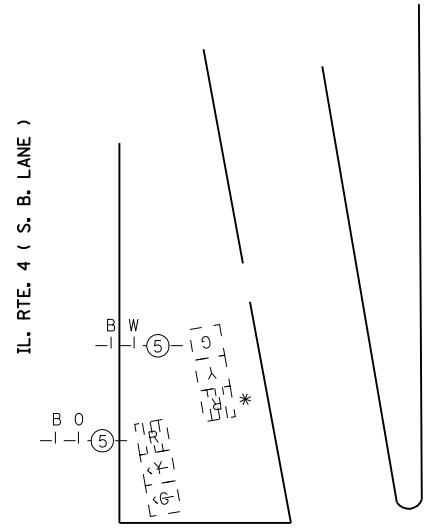
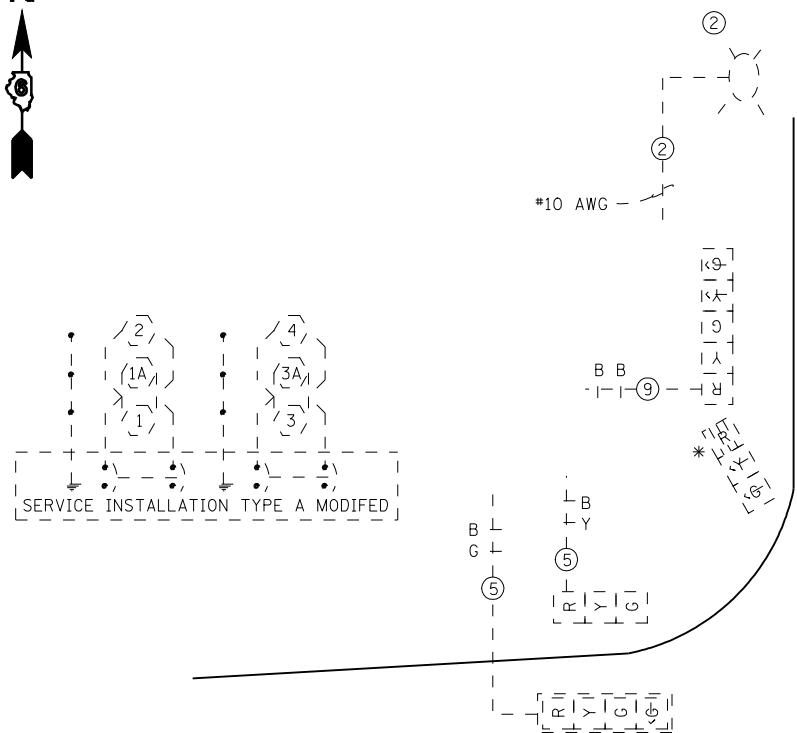


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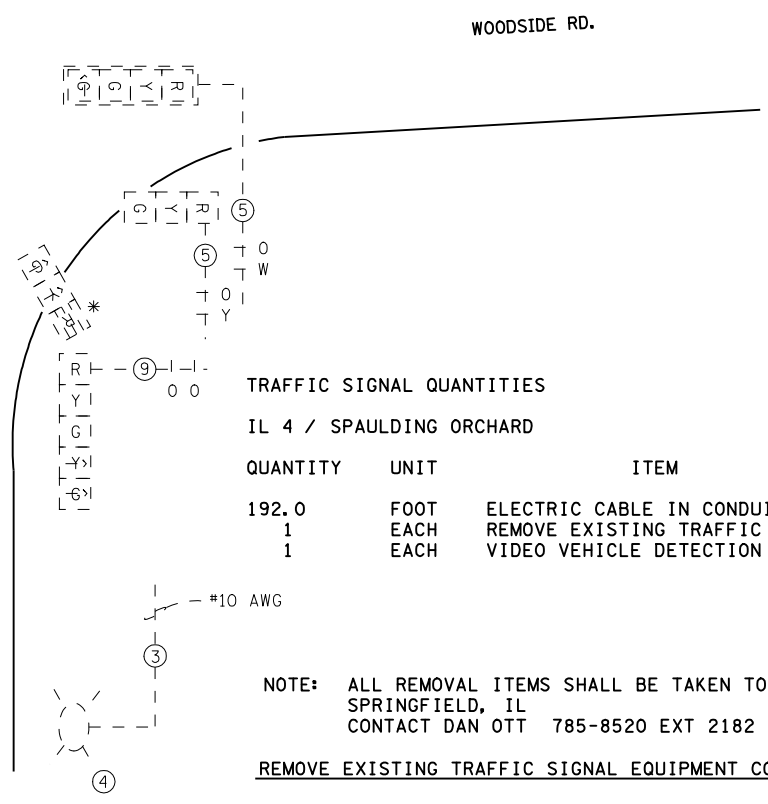
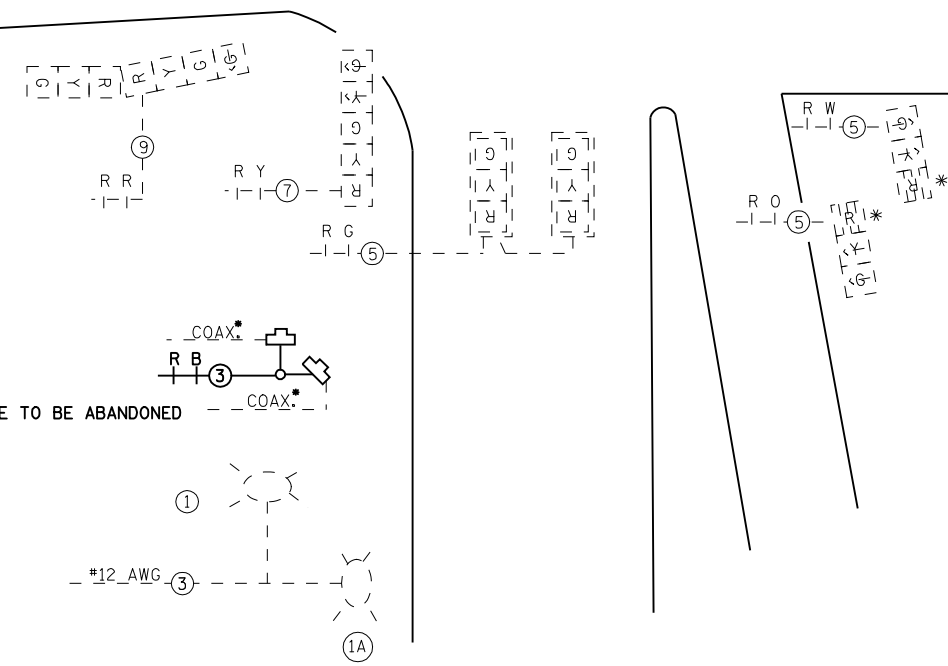
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	154
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72889	



SPAULDING ORCHARD RD.



TRAFFIC SIGNAL QUANTITIES  
IL 4 / SPAULDING ORCHARD

QUANTITY	UNIT	ITEM
192.0	FOOT	ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 18, 3/C
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	VIDEO VEHICLE DETECTION SYSTEM

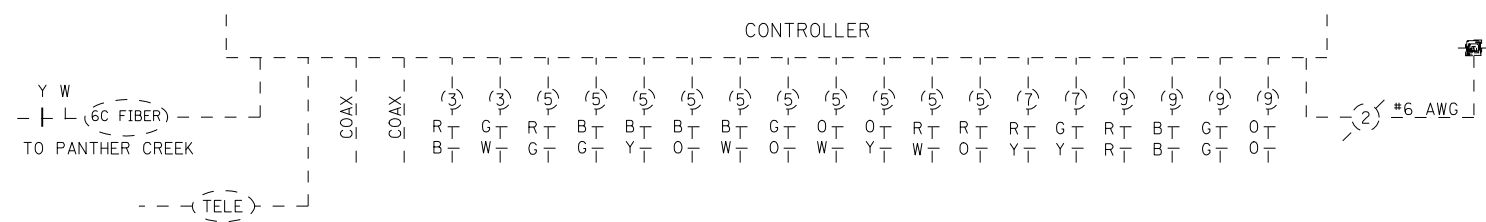
NOTE: ALL REMOVAL ITEMS SHALL BE TAKEN TO CWLP  
SPRINGFIELD, IL  
CONTACT DAN OTT 785-8520 EXT 2182

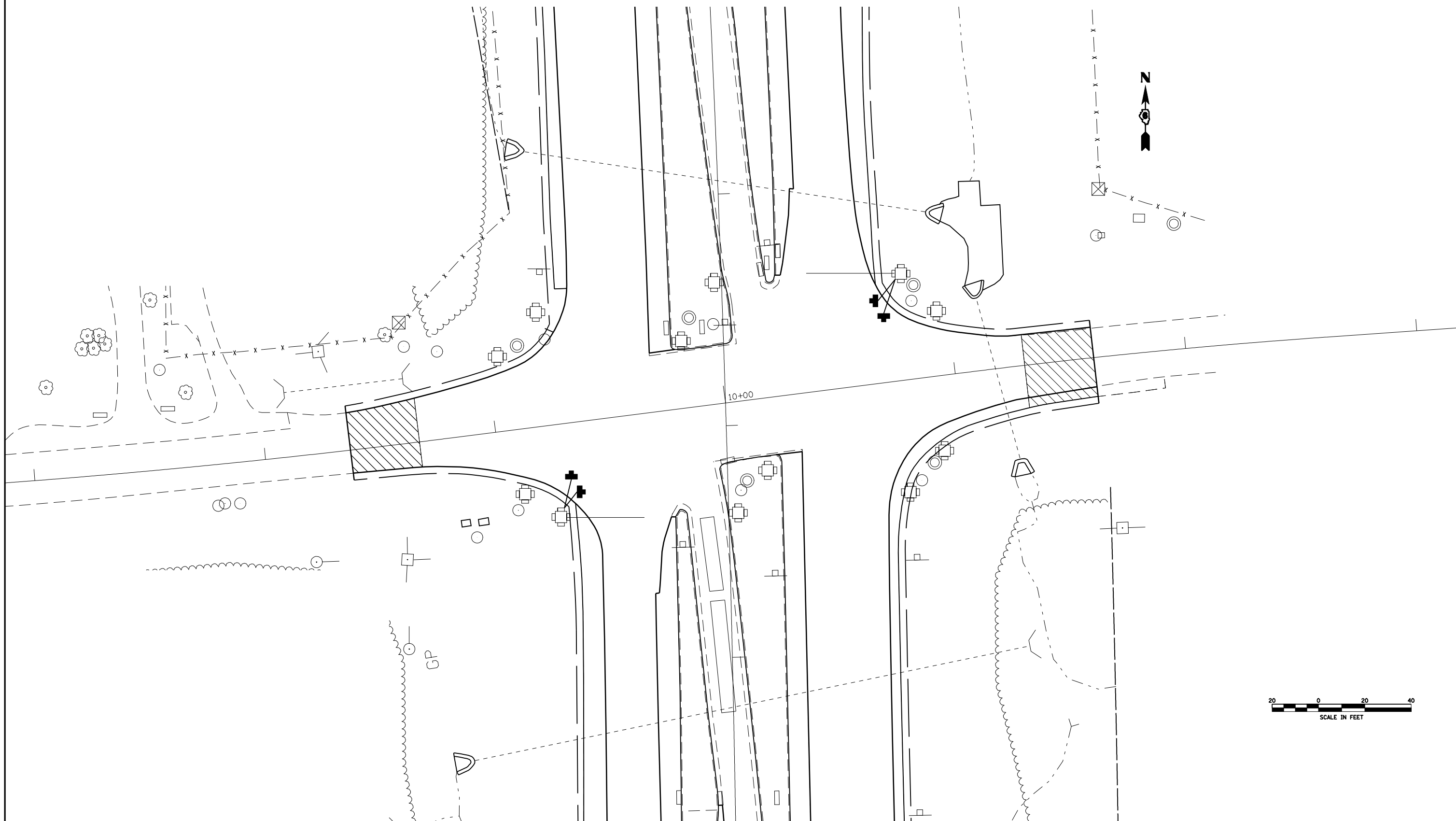
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT CONSISTS OF:

1	EACH	VIDEO DETECTION SYSTEM - AUTOSCOPE 2004
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EXISTING COAXIAL CABLE SHALL BE ABANDONED. EXISTING AUTOSCOPE 3/C CABLE SHALL REMAIN IN PLACE TO THE MAST ARM BASE. MANUFACTURER'S SUPPLIED 3-WIRE CABLE SHALL BE SPLICED TO EXISTING CABLE AT BASE AND INSTALLED TO PROPOSED CAMERAS. SPLICE SHALL BE SOLDERED WITH A HEAT SHRINK WRAP IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. PROPOSED CABLE AND SPLICING PAID FOR AS ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 18, 3/C

THE CONTRACTOR SHALL ONLY BE RESPONSIBLE FOR THE MAINTENANCE OF THE PROPOSED VIDEO VEHICLE DETECTION SYSTEM. THIS SHALL APPLY UNTIL THE SIGNAL FINAL ACCEPTANCE NOTICE IS ISSUED BY THE ENGINEER.





FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
C:\Projects\d652204\cummins_final\d67289-shr-tsl.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

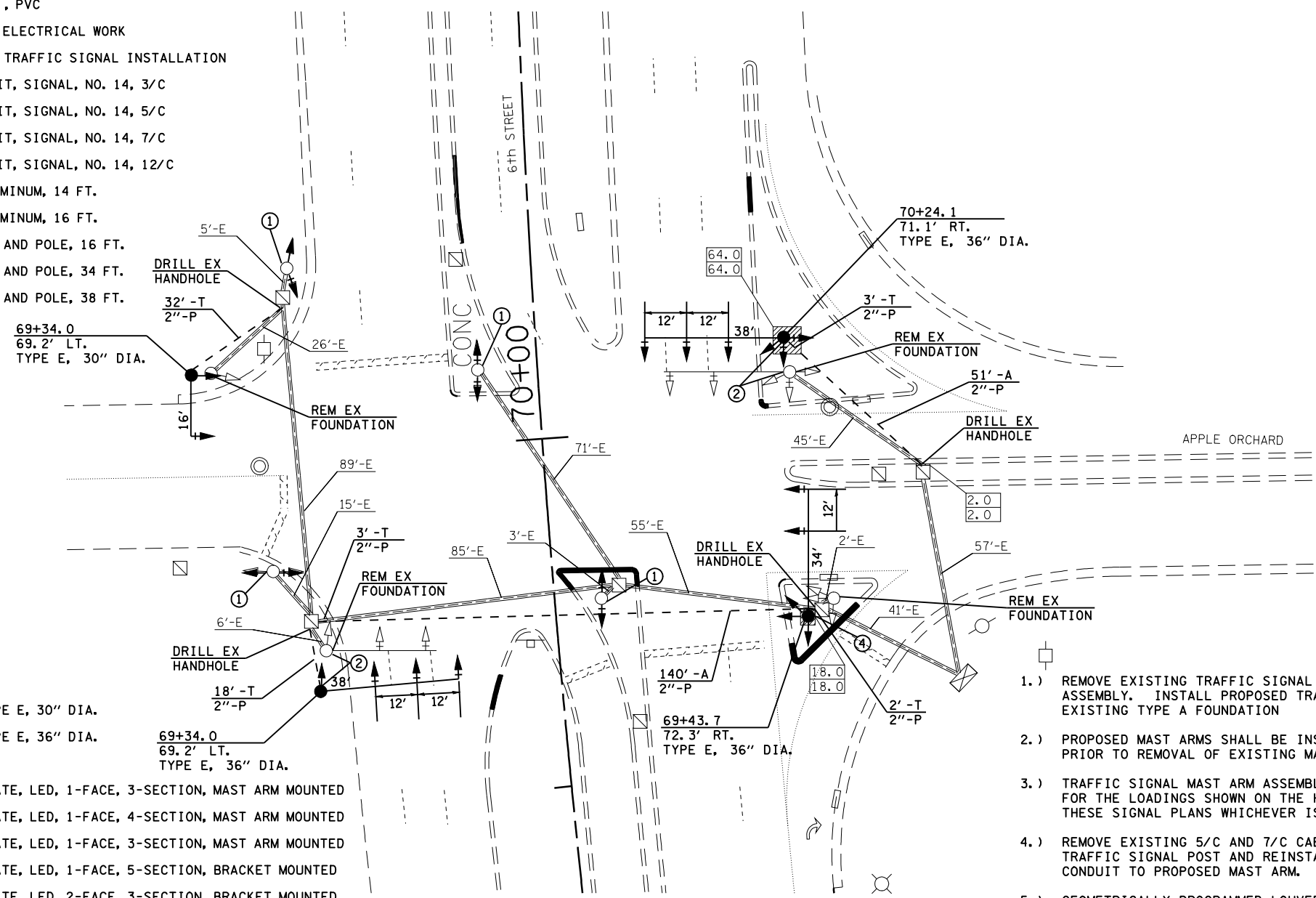
SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	156
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72889	

TRAFFIC SIGNAL QUANTITIES

LOCATION: SIXTH AND APPLE ORCHARD

QUANTITY	UNIT	ITEM
84.0	SQ FT	CONCRETE MEDIAN SURFACE, 4"
84.0	SQ FT	CONCRETE MEDIAN SURFACE REMOVAL
50.0	SQ FT	SIGN PANEL, TYPE 2
58.0	FOOT	CONDUIT IN TRENCH, 2" DIA., PVC
191.0	FOOT	CONDUIT, AUGERED, 2" DIA., PVC
58.0	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
136.5	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 3/C
1158.5	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 5/C
340.5	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 7/C
136.5	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 12/C
1	EACH	TRAFFIC SIGNAL POST, ALUMINUM, 14 FT.
3	EACH	TRAFFIC SIGNAL POST, ALUMINUM, 16 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 16 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.
2	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.
10.0	FOOT	CONCRETE FOUNDATION, TYPE E, 30" DIA.
33.0	FOOT	CONCRETE FOUNDATION, TYPE E, 36" DIA.
4	EACH	DRILL EXISTING HANDHOLE
7	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
2	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
3	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 3-SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 1-3 SECTION, 1-4 SECTION, 1-5 SECTION, BRACKET MOUNTED
17	EACH	TRAFFIC SIGNAL BACKPLATE
1	EACH	MODIFY EXISTING CONTROLLER
49.0	FOOT	REMOVE AND REINSTALL CABLE FROM CONDUIT
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
4	EACH	REMOVE EXISTING CONCRETE FOUNDATION
6	EACH	GEOMETRICALLY PROGRAMMED LOUVER
497.0	FOOT	ELECTRIC CABLE IN CONDUIT, GROUND, #6 1/C (GREEN)

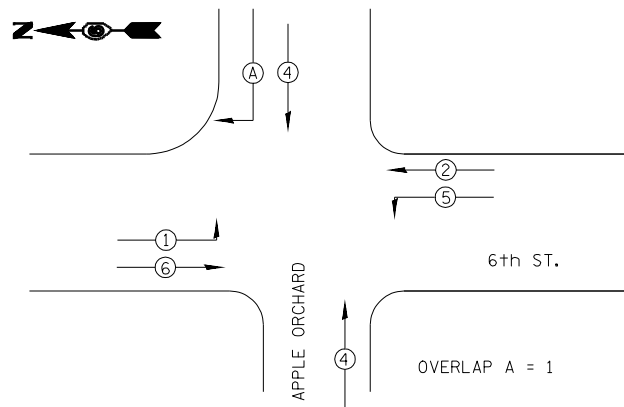


- 1.) REMOVE EXISTING TRAFFIC SIGNAL POST AND SIGNAL HEAD ASSEMBLY. INSTALL PROPOSED TRAFFIC SIGNAL POST ON EXISTING TYPE A FOUNDATION
- 2.) PROPOSED MAST ARMS SHALL BE INSTALLED AND OPERATIONAL PRIOR TO REMOVAL OF EXISTING MAST ARMS.
- 3.) TRAFFIC SIGNAL MAST ARM ASSEMBLIES SHALL BE DESIGNED FOR THE LOADINGS SHOWN ON THE HIGHWAY STANDARDS OR THESE SIGNAL PLANS WHICHEVER IS GREATER.
- 4.) REMOVE EXISTING 5/C AND 7/C CABLES FROM EXISTING TRAFFIC SIGNAL POST AND REINSTALL THROUGH PROPOSED CONDUIT TO PROPOSED MAST ARM.
- 5.) GEOMETRICALLY PROGRAMMED LOUVER SHALL BE SUPPLIED BY IDOT DIST. 6. SEE SPECIAL PROVISION

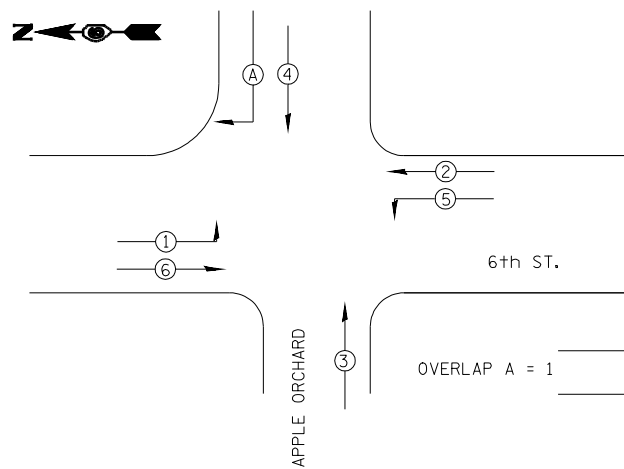


FILE NAME = C:\Projects\d652204\cummins_final\d67289-sht-ts2.dgn	USER NAME = laughl1n1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED TRAFFIC SIGNALS 6TH &amp; APPLE ORCHARD</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -	662			2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	157	
PLOT DATE = Mar-18-2008 11:46:15AM	DATE -	REVISED -	CONTRACT NO. 72889							
			FED. ROAD DIST. NO.			ILLINOIS	FED. AID PROJECT			

EXISTING PHASE DESIGNATION DIAGRAM



PROPOSED PHASE DESIGNATION DIAGRAM



DETECTORS

PHASE	6	6	6	2	2	2	1	1	1	1	5	5	4	4	4	4
	NRF	NRF	NRF	NLF	NLF	NLF	SLF	SLF	NRL	NRL	NRL	NRL	SLT	SLT	SLB	SLB
	3 PR	3 PR	3 PR	3 PR	3 PR	3 PR	3 PR	3 PR	3 PR	3 PR	3 PR	3 PR	3 PR	3 PR	6 PR	3 PR

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT CONSISTS OF:

- 12 EACH SIGNAL HEAD ASSEMBLY
- 2 EACH TRAFFIC SIGNAL MAST ARM
- 6 EACH TRAFFIC SIGNAL POST

ALL REMOVAL ITEMS SHALL BE DELIVERED TO CITY, WATER, LIGHT AND POWER SPRINGFIELD, IL

• GEOM. PROG. LOUVER

NOTES:

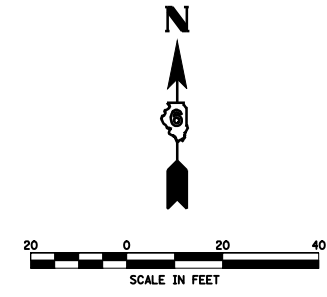
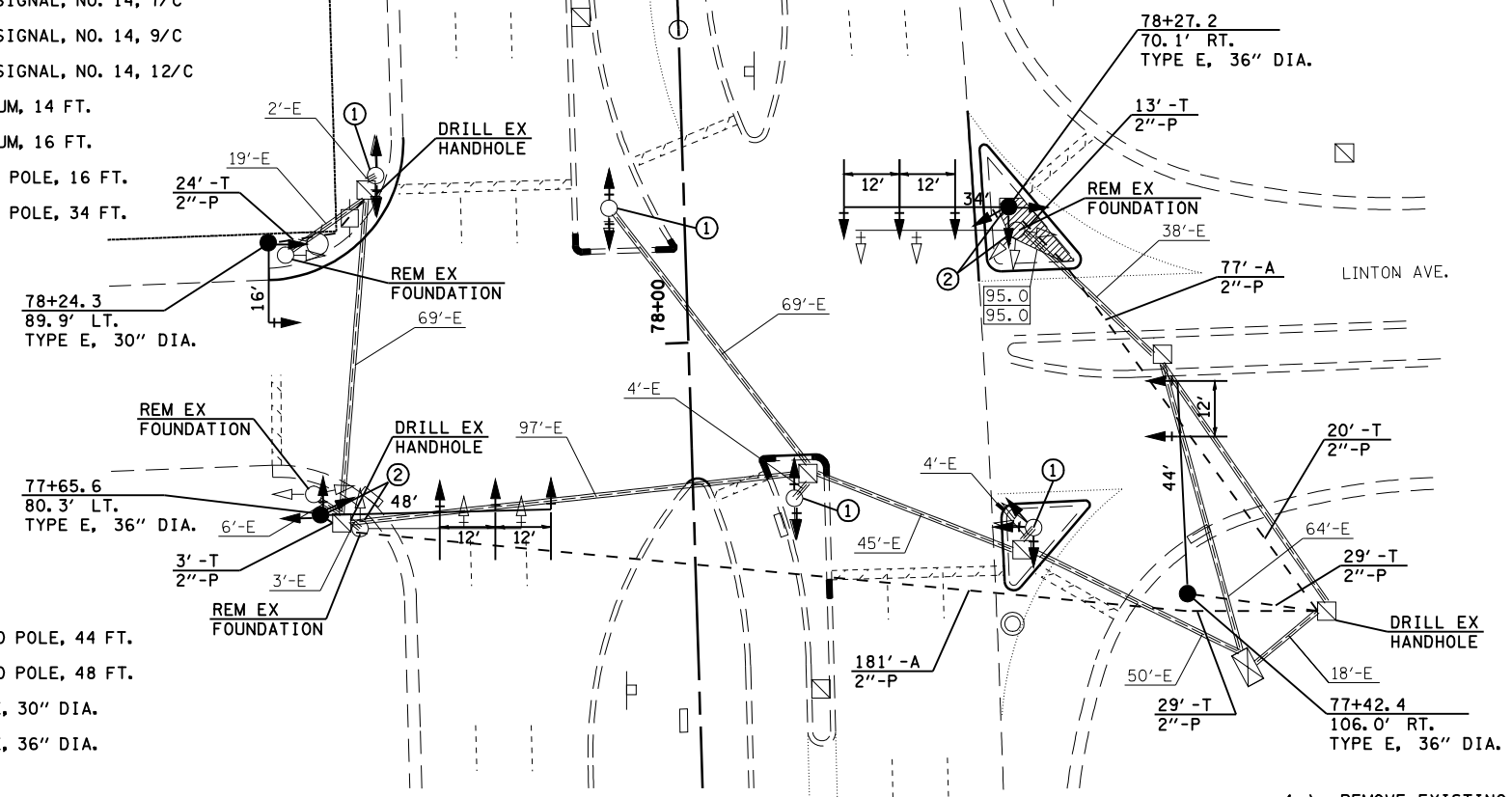
- 1.) CONTRACTOR SHALL PROVIDE UPDATED CABINET WIRING DIAGRAMS TO REFLECT PROPOSED PHASE CHANGES IN ACCORDANCE WITH THE PROPOSED PHASE DESIGNATION DIAGRAM. PAID FOR AS MODIFY EXISTING CONTROLLER.
- 2.) EXISTING WIRING TAKEN FROM HISTORICAL DATA. CONTRACTOR SHALL FIELD VERIFY SIGNAL HEAD WIRING.

FILE NAME = C:\Projects\d652204\cummins_final\d67289-shr-ts2.dgn	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED WIRING DIAGRAM 6TH &amp; APPLE ORCHARD</b>			F.A.P. RTE. 662	SECTION 2-2(RS) & 3-1, 2(RS-10, TS-5)	COUNTY SANGAMON	TOTAL SHEETS 181	SHEET NO. 158
PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 72889		
PLOT DATE = Mar-18-2008 11:46:18AM	DATE -	REVISED -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

TRAFFIC SIGNAL QUANTITIES

LOCATION: SIXTH AND LINTON

QUANTITY	UNIT	ITEM
95.0	SQ FT	CONCRETE MEDIAN SURFACE, 4"
95.0	SQ FT	CONCRETE MEDIAN SURFACE REMOVAL
38.0	SQ FT	SIGN PANEL, TYPE 2
118.0	FOOT	CONDUIT IN TRENCH, 2" DIA., PVC
258.0	FOOT	CONDUIT, AUGERED, 2" DIA., PVC
118.0	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
153.5	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 3/C
1175.0	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 5/C
330.0	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 7/C
263.0	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 9/C
153.5	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 12/C
2	EACH	TRAFFIC SIGNAL POST, ALUMINUM, 14 FT.
2	EACH	TRAFFIC SIGNAL POST, ALUMINUM, 16 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 16 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.



1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.
10.0	FOOT	CONCRETE FOUNDATION, TYPE E, 30" DIA.
37.0	FOOT	CONCRETE FOUNDATION, TYPE E, 36" DIA.
3	EACH	DRILL EXISTING HANDHOLE
7	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
2	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
3	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 3-SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 2-3 SECTION, 1-4 SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 1-3 SECTION, 1-4 SECTION, 1-5 SECTION, BRACKET MOUNTED
18	EACH	TRAFFIC SIGNAL BACKPLATE
1	EACH	MODIFY EXISTING CONTROLLER
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
4	EACH	REMOVE EXISTING CONCRETE FOUNDATION
6	EACH	GEOMETRICALLY PROGRAMMED LOUVER
565.5	FOOT	ELECTRIC CABLE IN CONDUIT, GROUND, #6 1/C (GREEN)

- 1.) REMOVE EXISTING TRAFFIC SIGNAL POST AND SIGNAL HEAD ASSEMBLY. INSTALL PROPOSED TRAFFIC SIGNAL POST ON EXISTING TYPE A FOUNDATION
- 2.) PROPOSED MAST ARMS SHALL BE INSTALLED AND OPERATIONAL PRIOR TO REMOVAL OF EXISTING MAST ARMS.
- 3.) TRAFFIC SIGNAL MAST ARM ASSEMBLIES SHALL BE DESIGNED FOR THE LOADINGS SHOWN ON THE HIGHWAY STANDARDS OR THESE SIGNAL PLANS WHICHEVER IS GREATER.
- 4.) GEOMETRICALLY PROGRAMMED LOUVERS SHALL BE SUPPLIED BY IDOT DIST. 6. SEE SPECIAL PROVISION.

FILE NAME =	USER NAME = laughl1n1	DESIGNED -	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

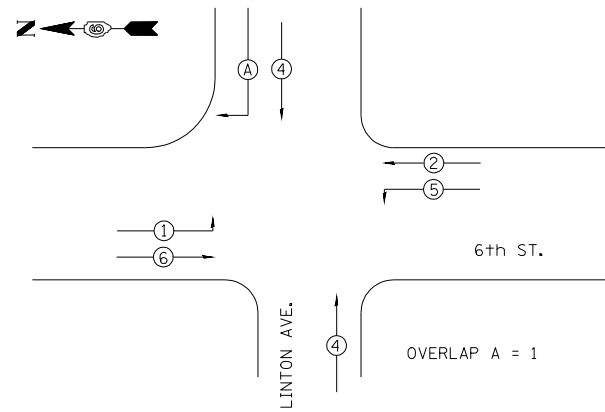
**PROPOSED TRAFFIC SIGNALS  
6TH & LINTON**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

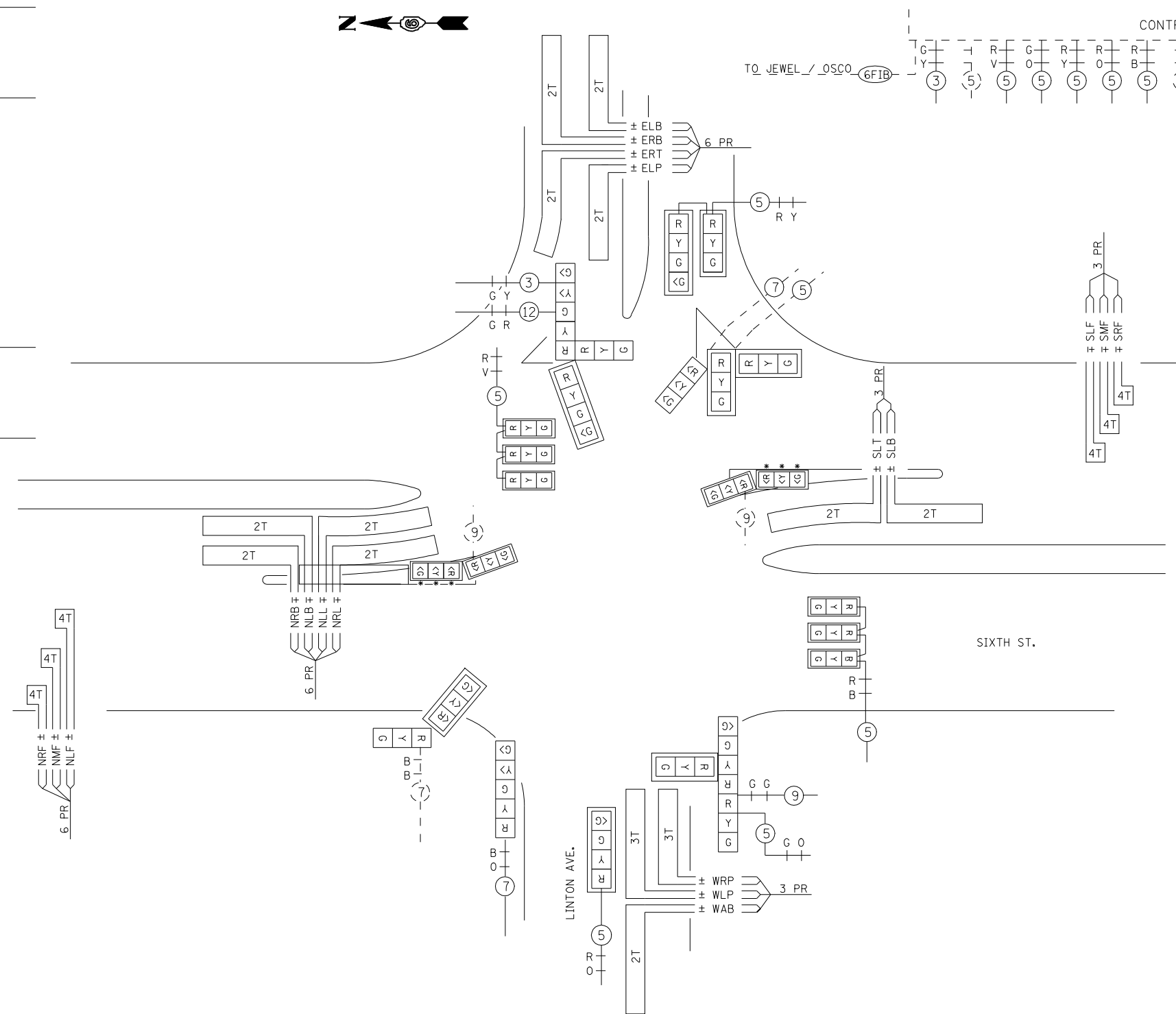
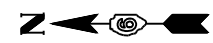
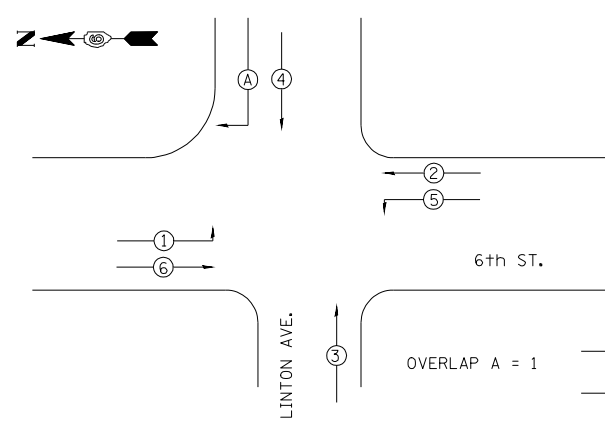
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	159
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

CONTRACT NO. 72889

EXISTING PHASE DESIGNATION DIAGRAM



PROPOSED PHASE DESIGNATION DIAGRAM



REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT CONSISTS OF:

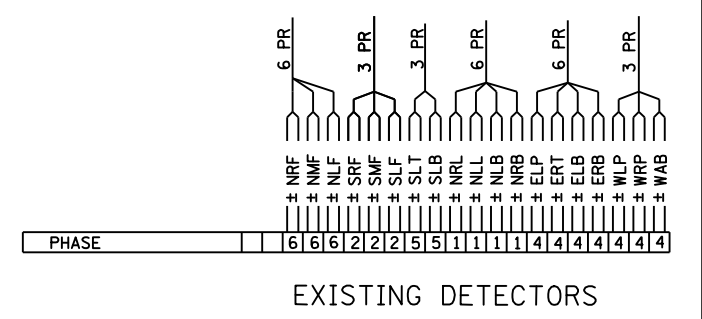
- 12 EACH SIGNAL HEAD ASSEMBLY
- 2 EACH TRAFFIC SIGNAL MAST ARM
- 6 EACH TRAFFIC SIGNAL POST

ALL REMOVAL ITEMS SHALL BE DELIVERED TO CITY, WATER, LIGHT AND POWER SPRINGFIELD, IL

\* GEOM. PROG. LOUVER

NOTES:

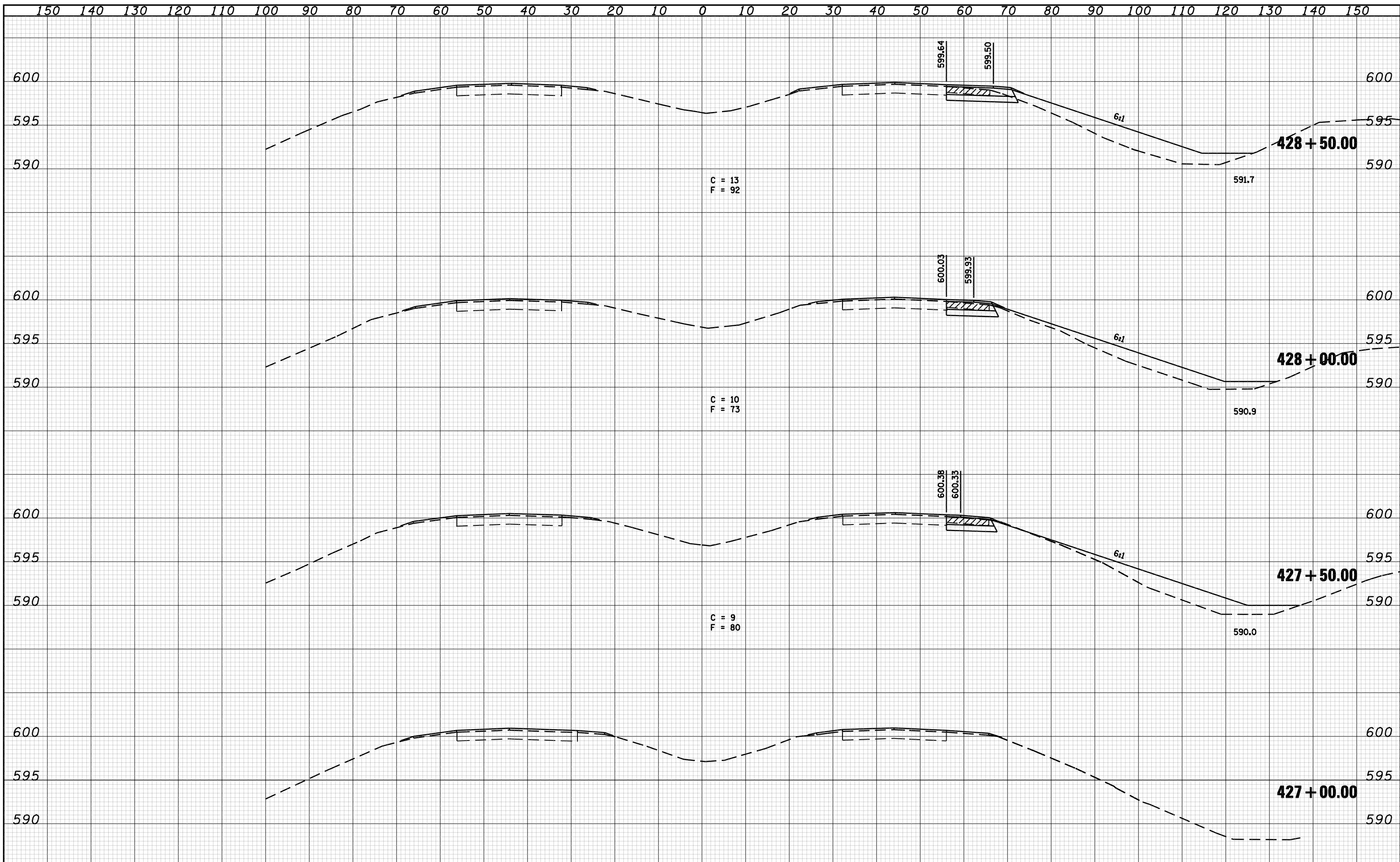
- 1.) CONTRACTOR SHALL PROVIDE UPDATED CABINET WIRING DIAGRAMS TO REFLECT PROPOSED PHASE CHANGES IN ACCORDANCE WITH THE PROPOSED PHASE DESIGNATION DIAGRAM. PAID FOR AS MODIFY EXISTING CONTROLLER.
- 2.) EXISTING WIRING TAKEN FROM HISTORICAL DATA. CONTRACTOR SHALL FIELD VERIFY SIGNAL HEAD WIRING.



\* GEOM. PROG. LOUVER





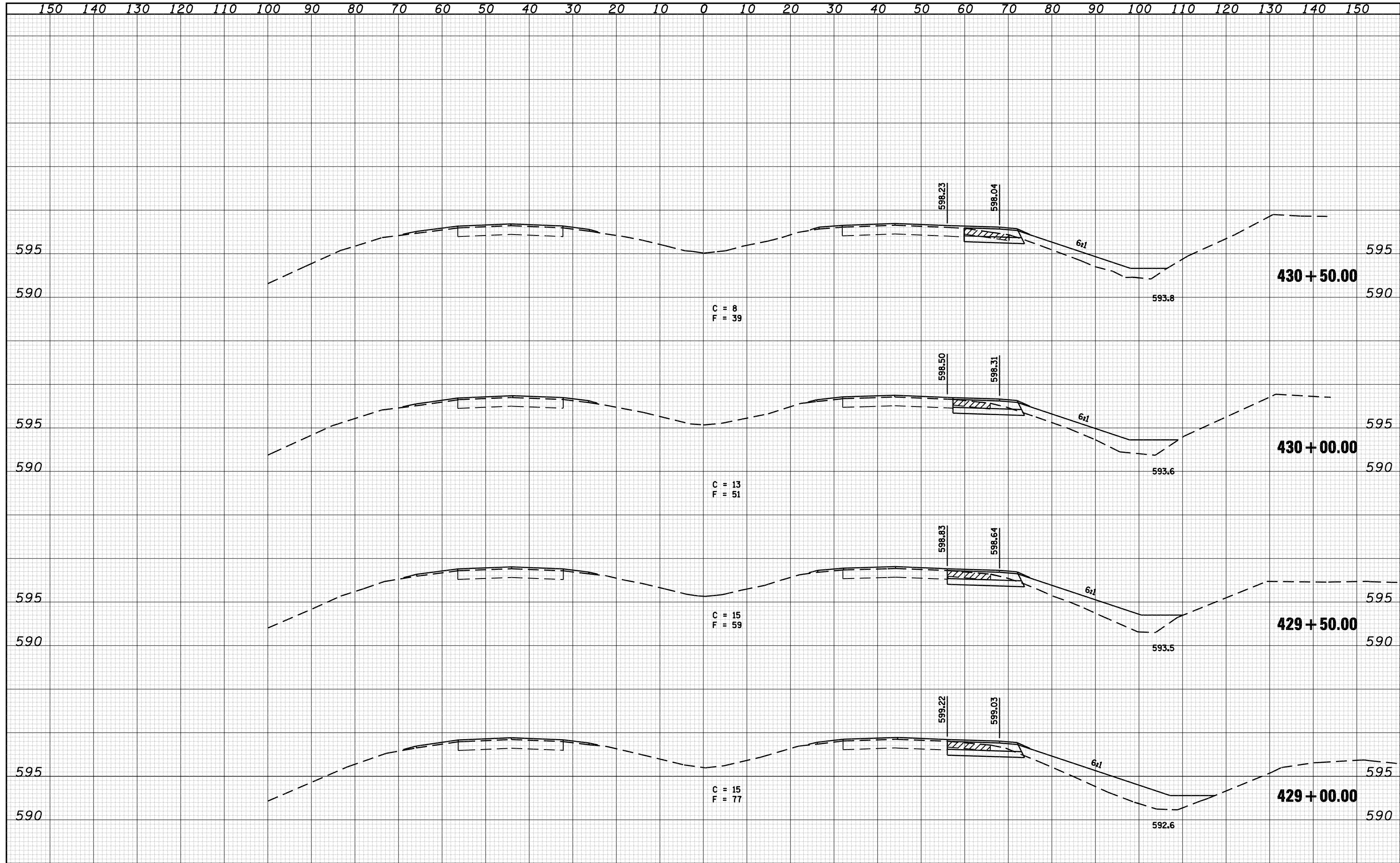


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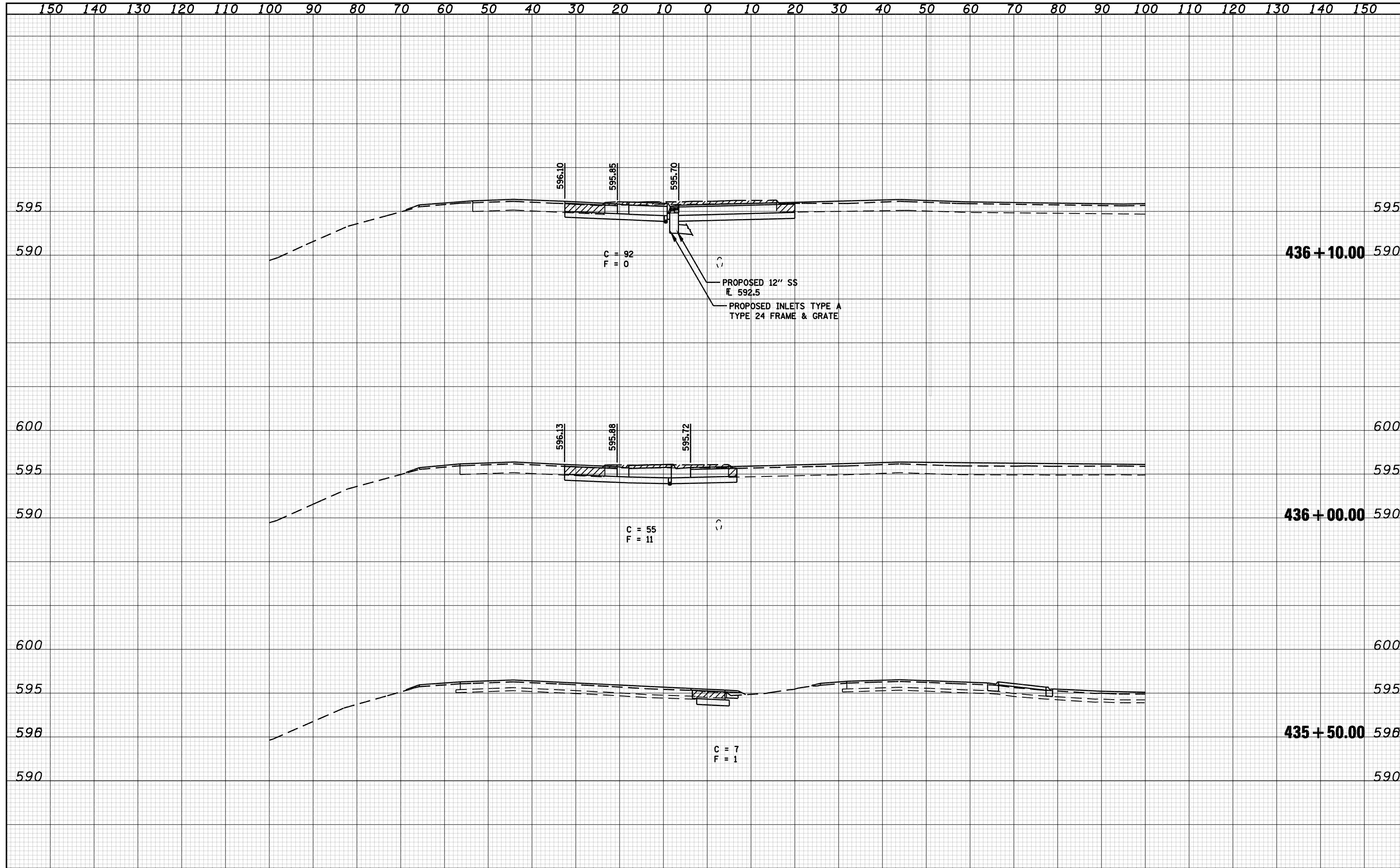
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				SCALE:	SHEET NO.	OF SHEETS	STA. 429+00.00 TO STA. 430+50.00					





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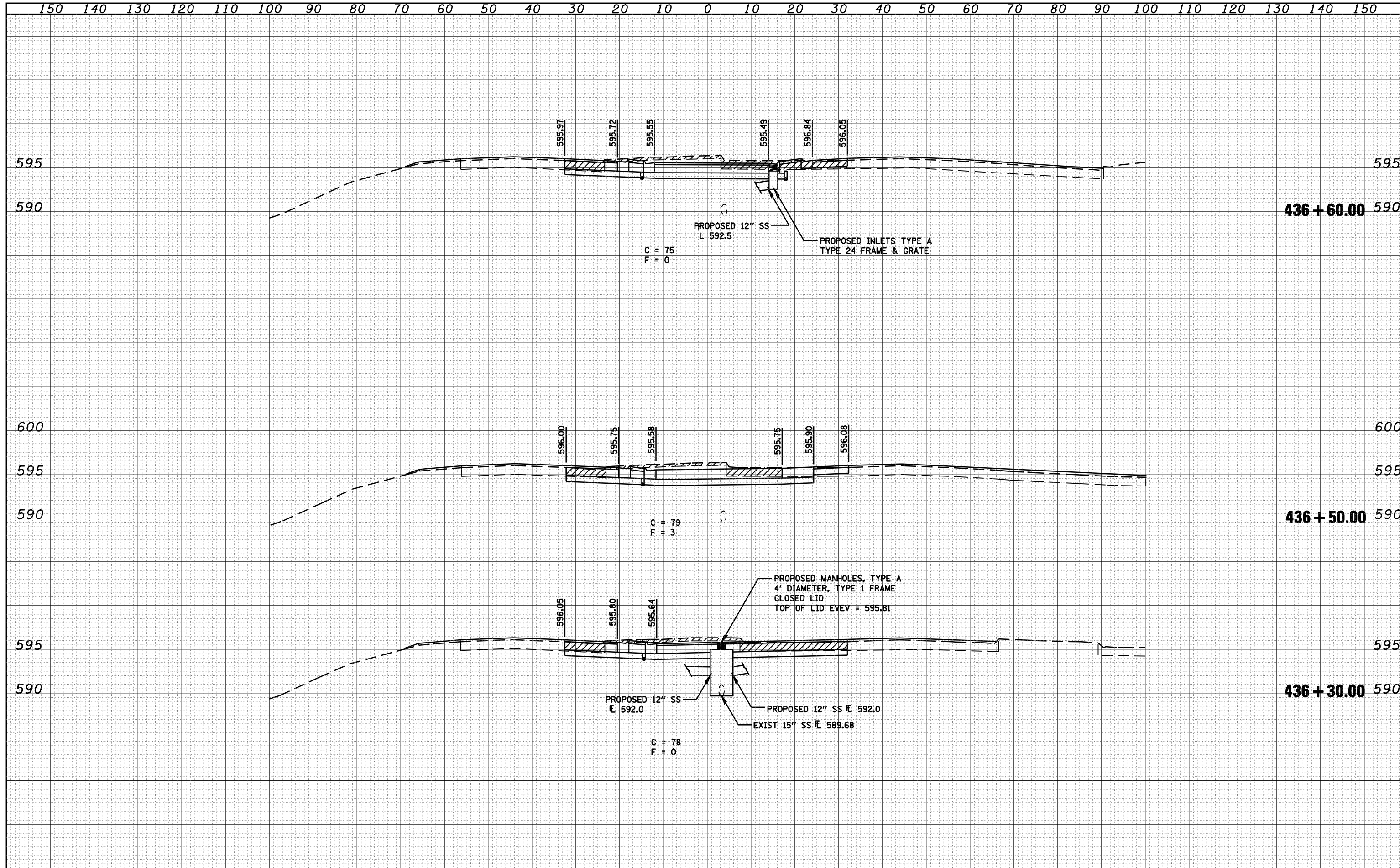
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PLOT SCALE = 20.0000' / IN.		CHECKED - NAK	REVISIED -		SCALE:	SHEET NO.	OF SHEETS	STA. 436+60.00	TO STA. 436+60.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
PLOT DATE = Mar-18-2008 11:46:35AM		DATE - 3/15/2008	REVISIED -								

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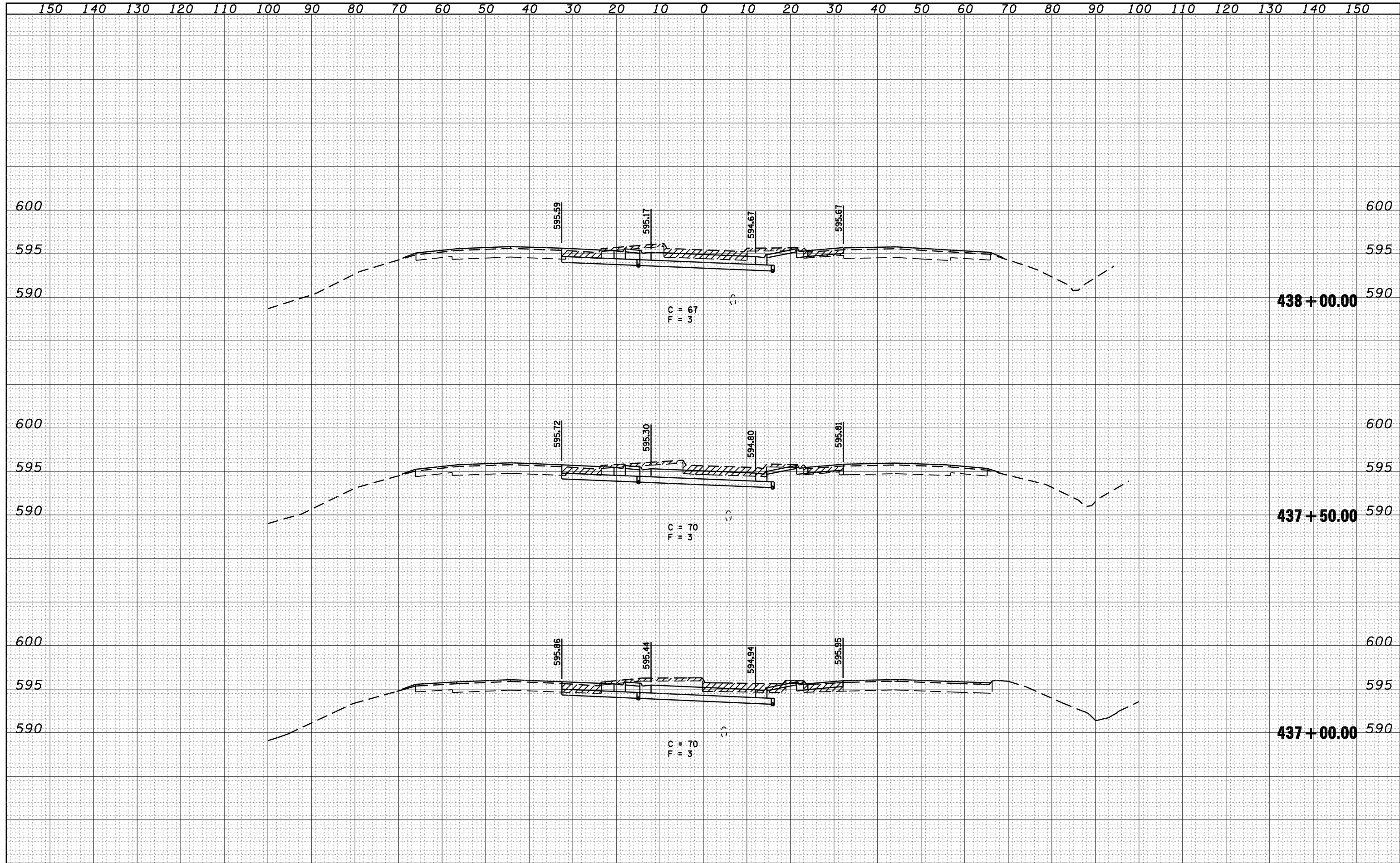
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ORIGINAL SURVEY	
NOTE BOOK	
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PLOTTED	
TEMPLATE	
AREAS	
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FINAL SURVEY	
NOTE BOOK	
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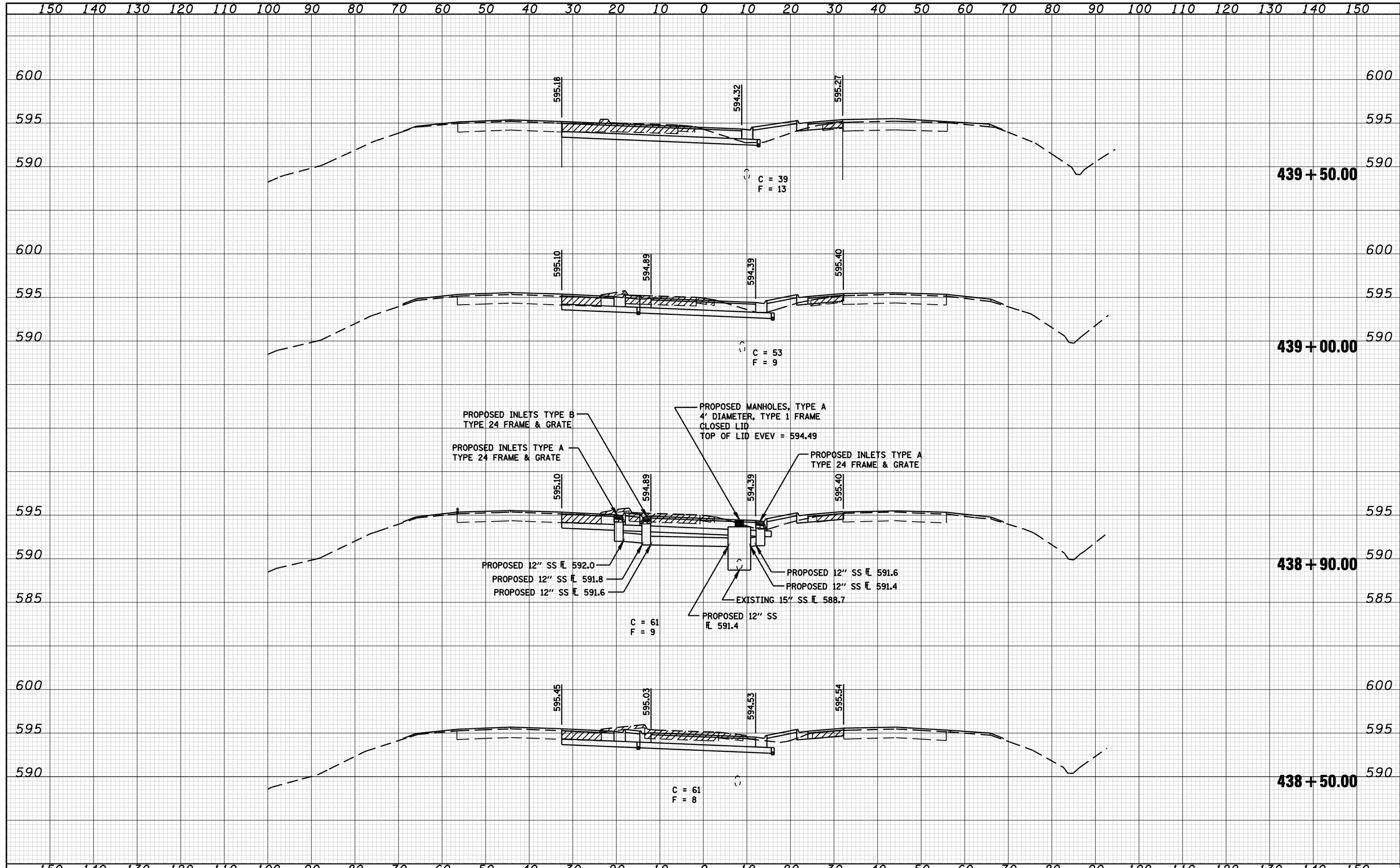


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C:\Projects\652204\cummins_final\672889-sh1.dgn	DRAWN - AJH	REVISIED -	662					2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	168	
PLOT SCALE = 20.0000' / IN.	CHECKED - NAK	REVISIED -	CONTRACT NO. 72889									
PLOT DATE = Mar-18-2008 11:46:39AM	DATE - 3/15/2008	REVISIED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT									



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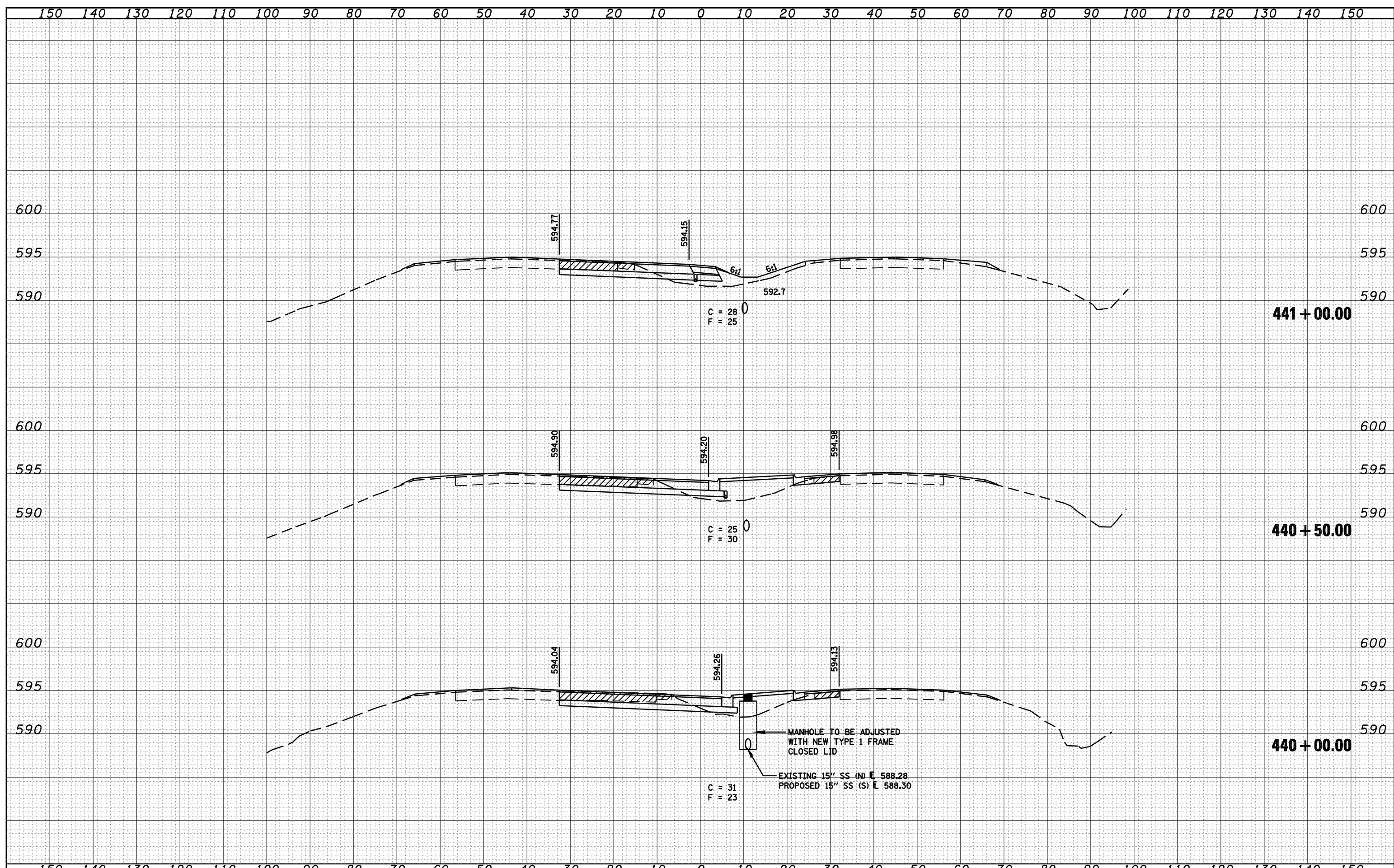
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FILE NAME =	USER NAME = laughlinr1	DESIGNED - NAK	REVISIED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>VETERANS PARKWAY</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Projects\d652204\cummins_final\d672889-sh1.dgn	DRAWN - AJH	REVISIED -	662					2-(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	169	
PLOT SCALE = 20.0000' / IN.	CHECKED - NAK	REVISIED -	CONTRACT NO. 72889									
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SCALE:				SHEET NO. OF SHEETS		STA. 438+50.00 TO STA. 439+50.00						

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NOTE BOOK	PLOTTED
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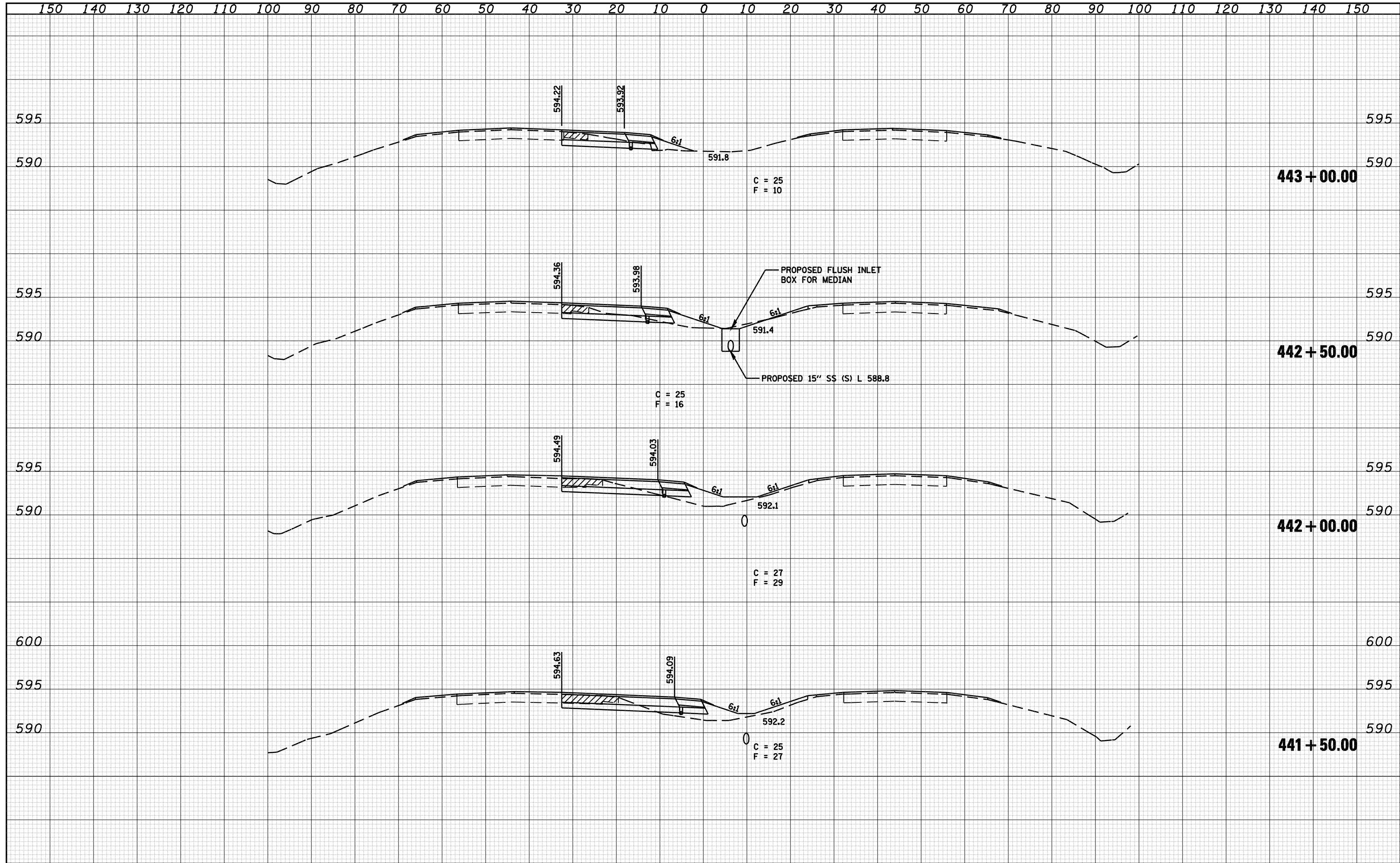
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FILE NAME =	USER NAME = laughlinr1	DESIGNED - NAK	REVISIED -	<p align="center"><b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b></p> <p align="center"><b>VETERANS PARKWAY</b></p>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Projects\d652204\cummins_final\d672889-sh1.dgn		DRAWN - AJH	REVISIED -		662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	170
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NO.	TEMPLATE
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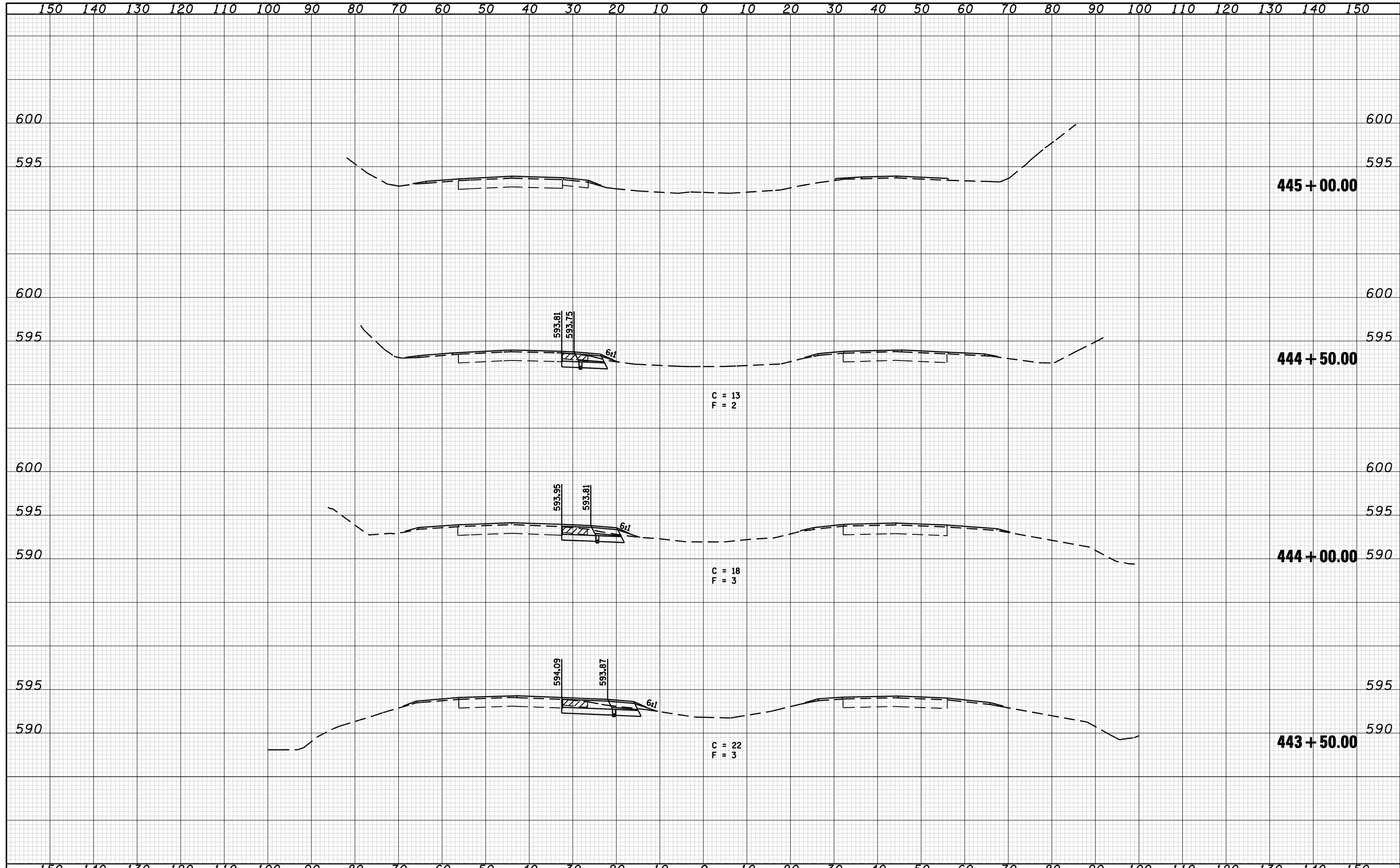
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED



FILE NAME =	USER NAME = laughlinr1	DESIGNED - NAK	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>VETERANS PARKWAY</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Projects\d652204\cummins_final\d672889-sh1-sh1.dgn	DRAWN - AJH	REVISED -	662					2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	171	
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				SCALE:	SHEET NO.	OF	SHEETS	STA. 441+50.00	TO STA. 443+00.00			

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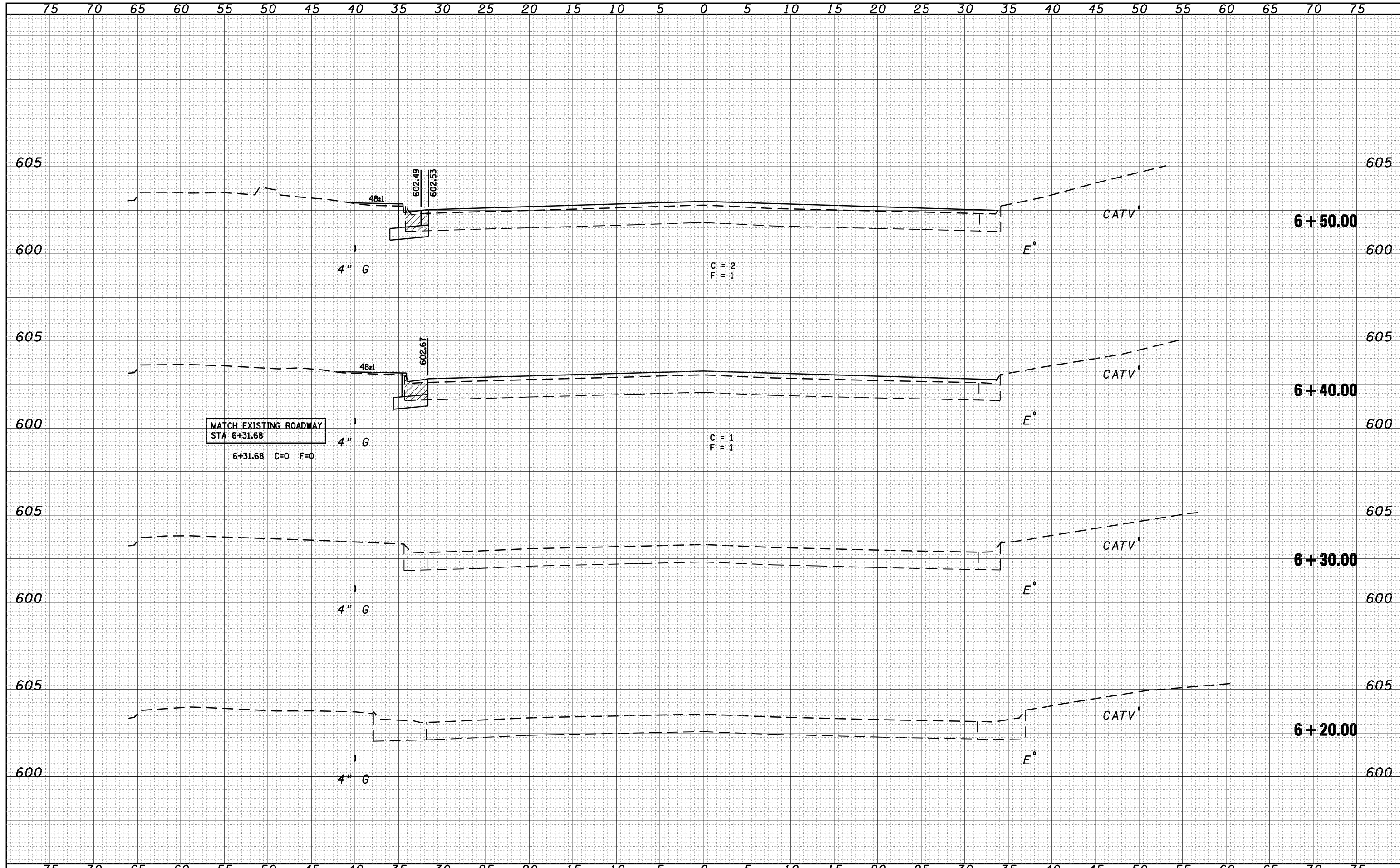
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NOTE BOOK	
NO.	



FILE NAME =	USER NAME = laughlinr1	DESIGNED - NAK	REVISIED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>VETERANS PARKWAY</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Projects\d652204\cummins_final\d672889-sh1-sh1.dgn	DRAWN - AJH	REVISIED -	662					2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	172	
PLOT SCALE = 20.0000' / IN.	CHECKED - NAK	REVISIED -	CONTRACT NO. 72889									
PLOT DATE = Mar-18-2008 11:46:47AM	DATE - 3/15/2008	REVISIED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT									
					SCALE:	SHEET NO.	OF	SHEETS	STA. 443+50.00	TO STA. 445+00.00		

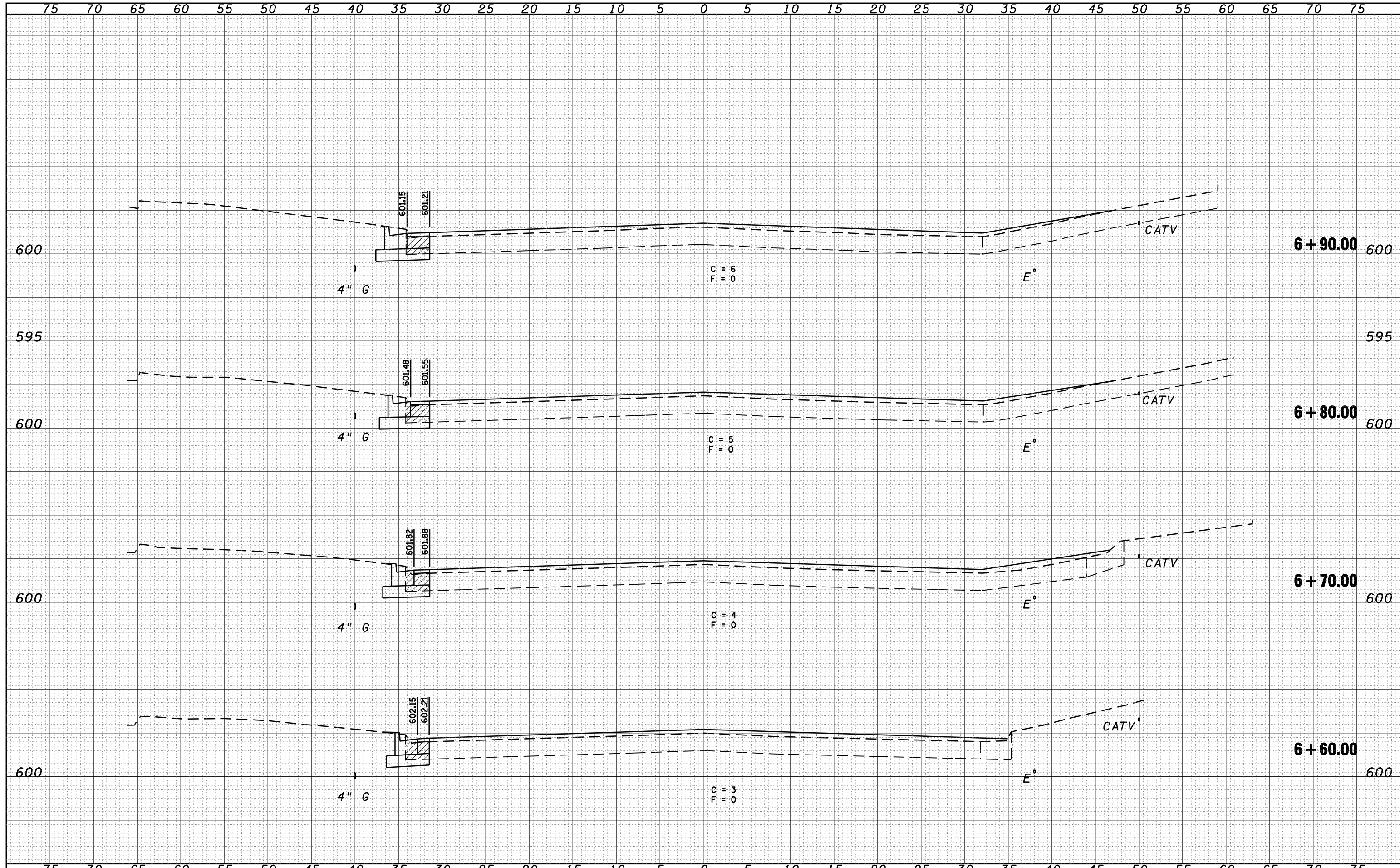
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FINAL SURVEY	
NOTE BOOK	
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DATE	
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ORIGINAL SURVEY	
NOTE BOOK	
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TEMPLATE	
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FINAL SURVEY	
NOTE BOOK	
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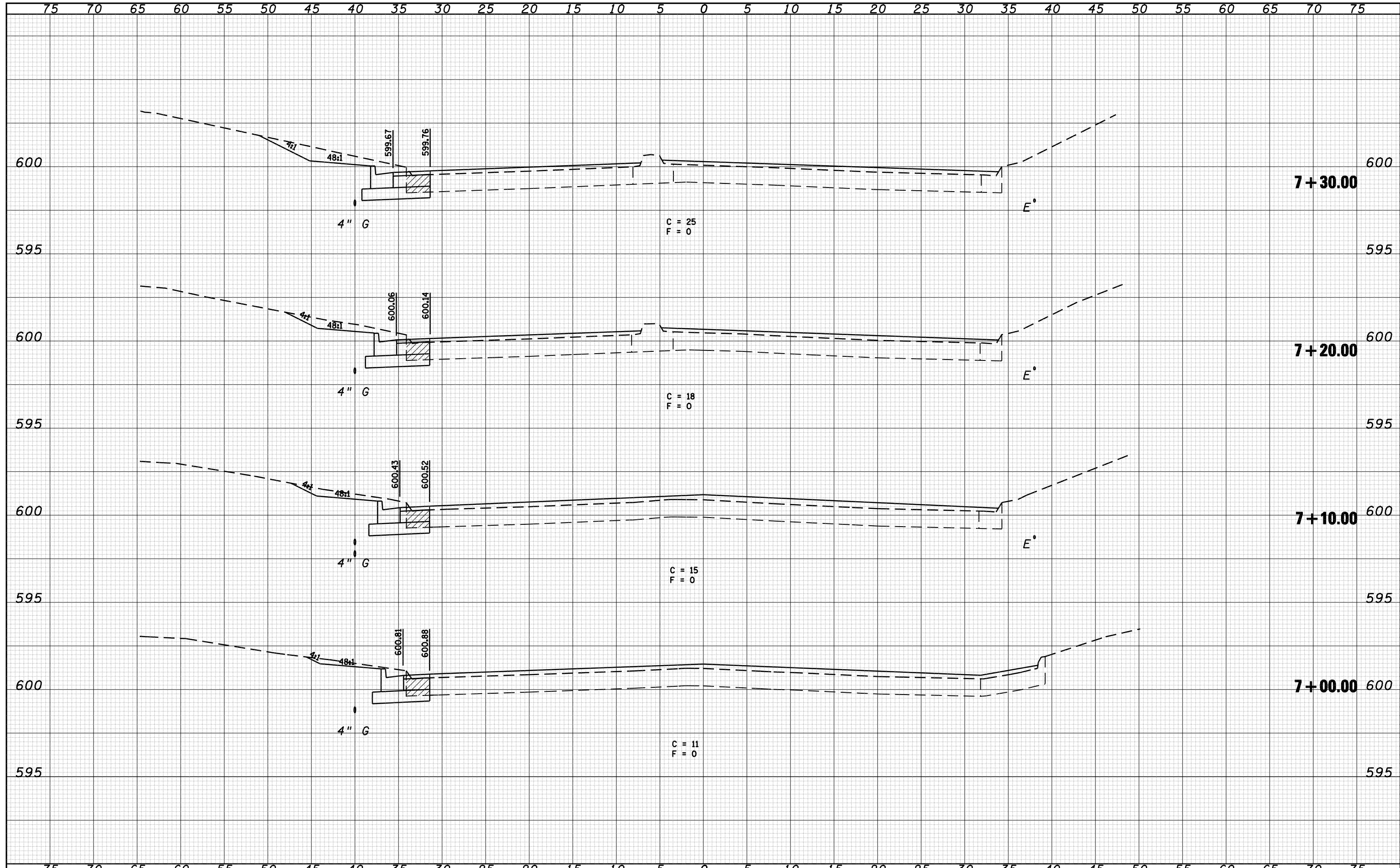


FILE NAME =	USER NAME = laughlinr1	DESIGNED - NAK	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>SOUTHWEST PLAZA DR</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
C:\Projects\d652204\cummins_final\d672889-sh1-sh12.dgn		DRAWN - AJH	REVISED -			662	2-2 (RS) & 3-1 (RS-10, TS-5)	SANGAMON	181	174	
PLOT SCALE = 10.0000 ' / IN.		CHECKED - NAK	REVISED -			CONTRACT NO. 72889					
PLOT DATE = Mar-18-2008 11:46:50AM		DATE - 3/15/2008	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



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FINAL SURVEY	
NOTE BOOK	
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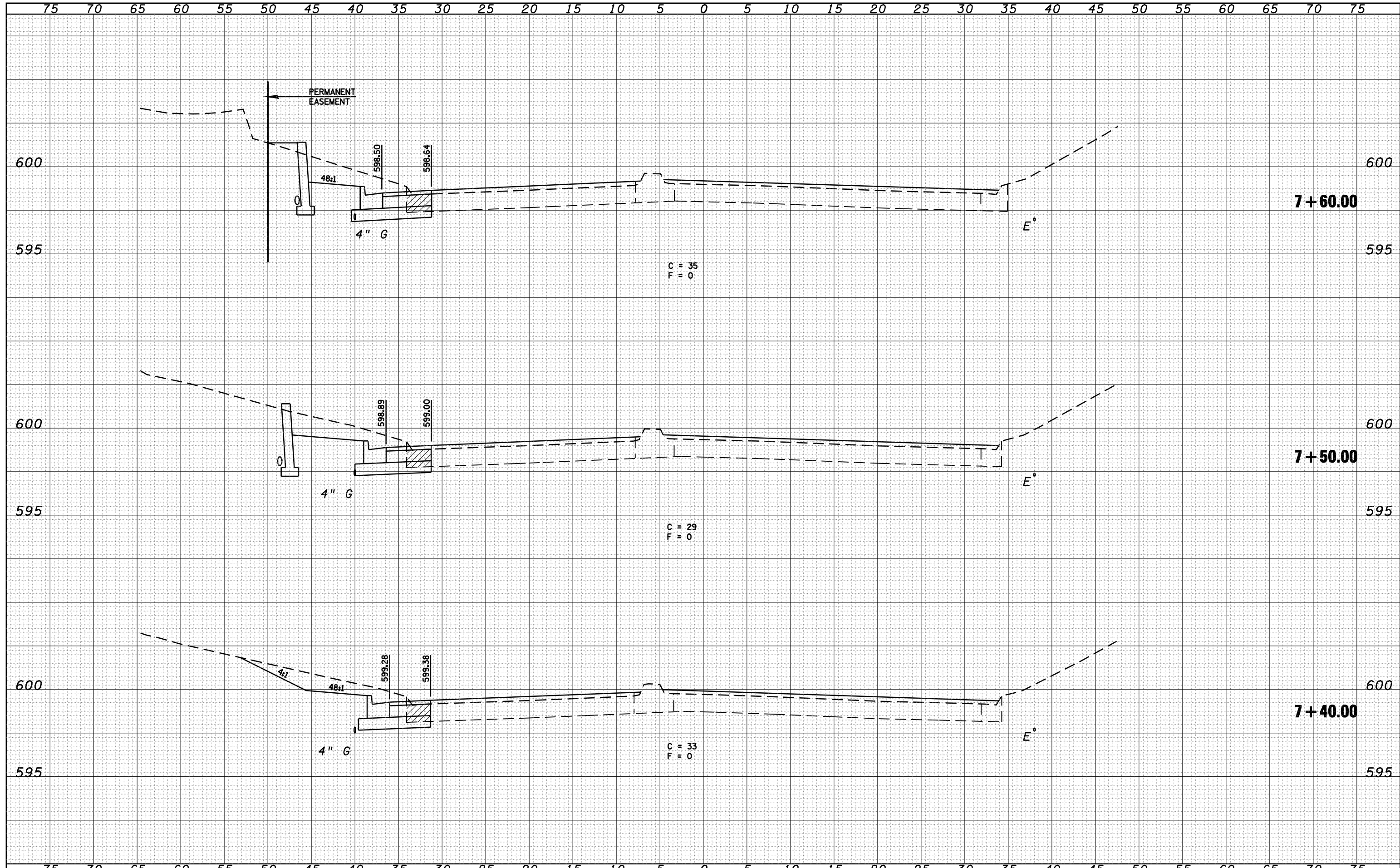
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TEMPLATE	
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ORIGINAL SURVEY	
NOTE BOOK	
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FILE NAME =	USER NAME = laughlinr1	DESIGNED - NAK	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>SOUTHWEST PLAZA DR</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Projects\d652204\cummins_final\d672889-sh1-sh12.dgn	DRAWN - AJH	REVISED -	662			2-2 (RS) & 3-1 (RS-10, TS-5)	SANGAMON	181	175	
PLOT SCALE = 10.0000 "/td> <td>CHECKED - NAK</td> <td>REVISED -</td> <td colspan="3">CONTRACT NO. 72889</td>	CHECKED - NAK	REVISED -	CONTRACT NO. 72889							
PLOT DATE = Mar-18-2008 11:46:52AM	DATE - 3/15/2008	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
SCALE:						SHEET NO.	OF	SHEETS	STA. 7+00.00 TO STA. 7+30.00	

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

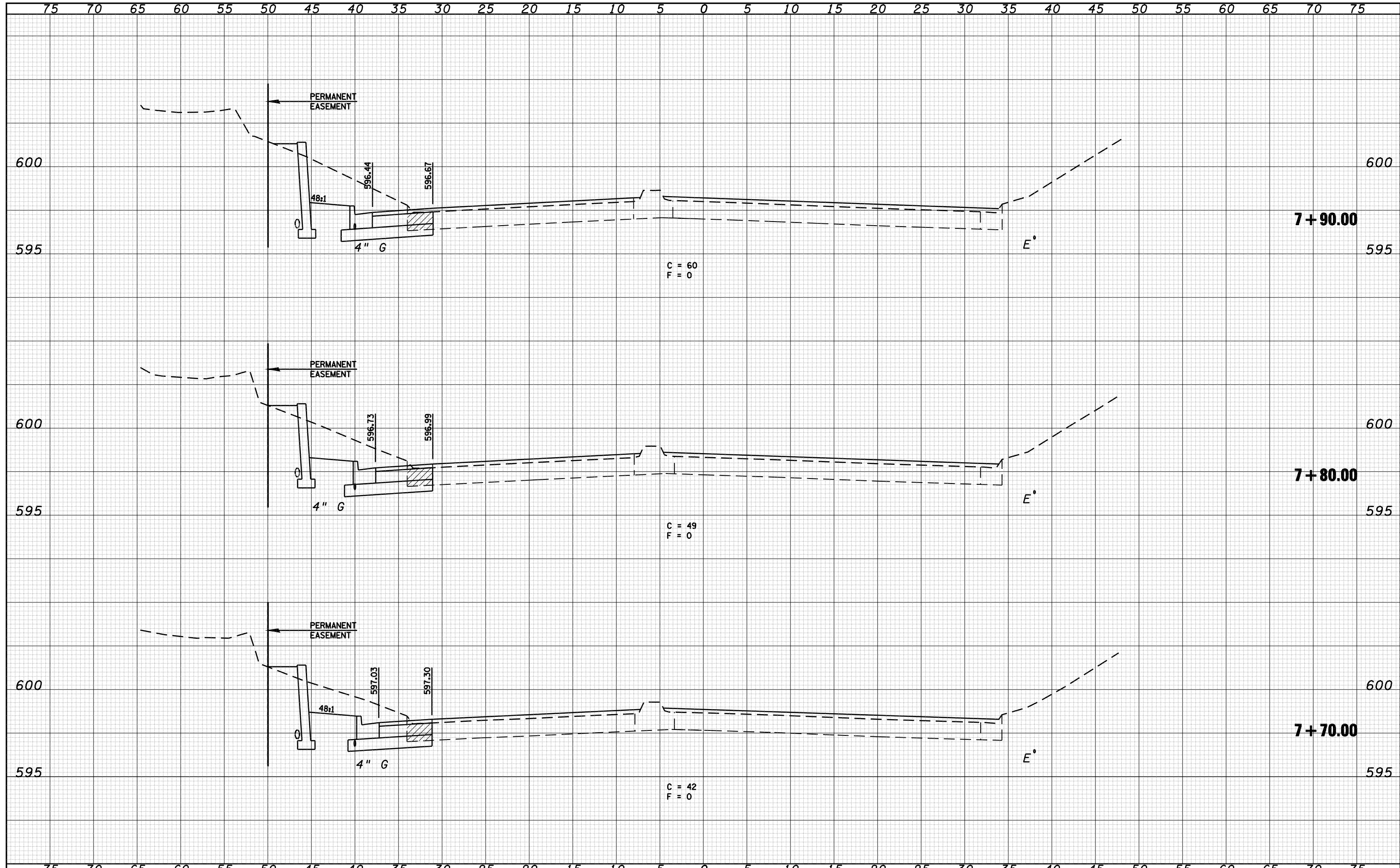


FILE NAME =	USER NAME = laughlinr1	DESIGNED - NAK	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>SOUTHWEST PLAZA DR</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Projects\d6522204\cummins_final\d672889-sh1-sh12.dgn	DRAWN - AJH	REVISED -	662			2-2 (RS) & 3-1 (RS-10, TS-5)	SANGAMON	181	176	
PLOT SCALE = 10.0000' / IN.	CHECKED - NAK	REVISED -	CONTRACT NO. 72889							
PLOT DATE = Mar-18-2008 11:46:54AM	DATE - 3/15/2008	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
SCALE:						SHEET NO.	OF	SHEETS	STA. 7+40.00 TO STA. 7+60.00	



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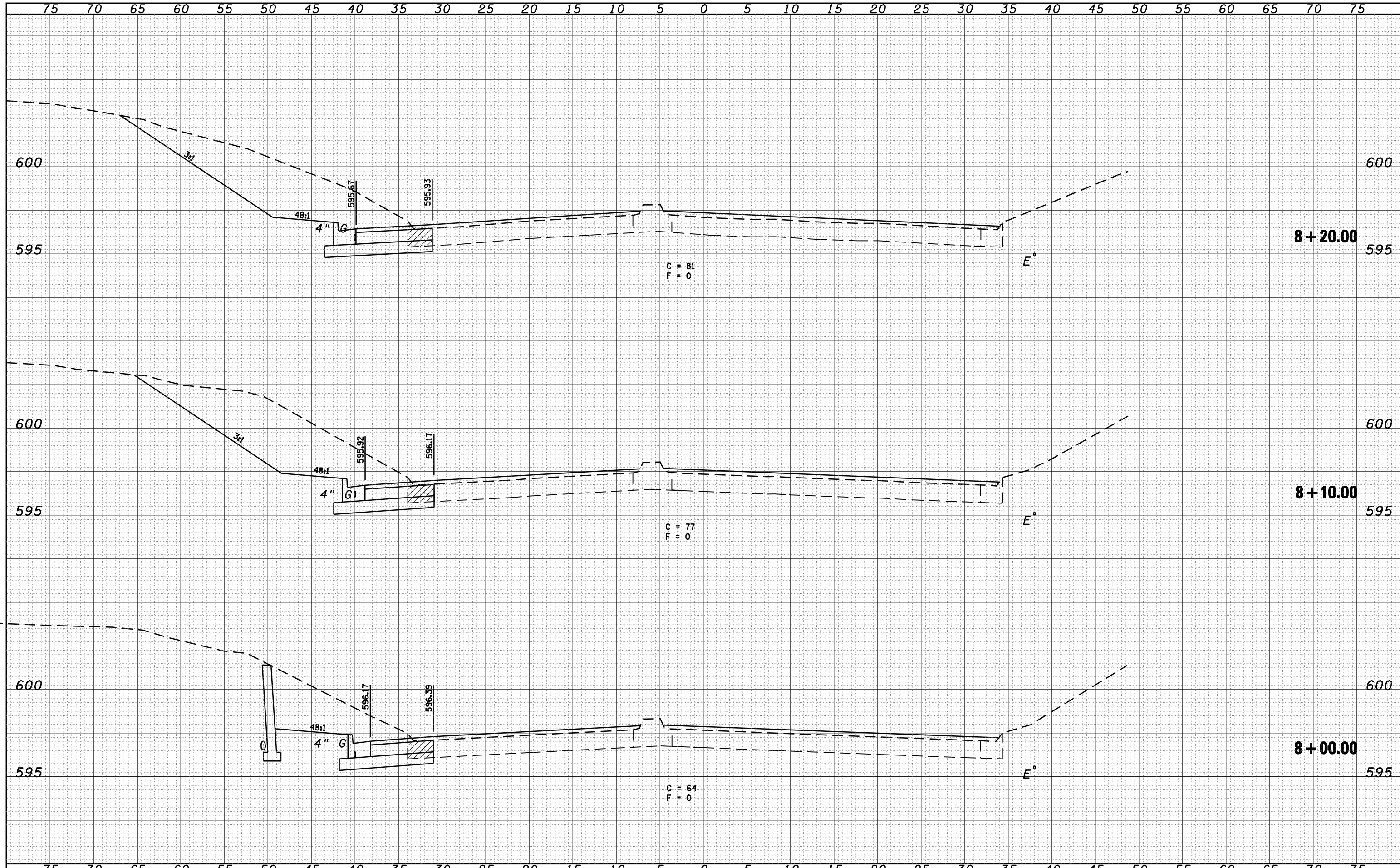
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FILE NAME =	USER NAME = laughlinr1	DESIGNED - NAK	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>SOUTHWEST PLAZA DR</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Projects\d652204\cummins_final\d672889-sh1-sh12.dgn	DRAWN - AJH	REVISED -	662			2-2 (RS) & 3-1 (RS-10, TS-5)	SANGAMON	181	177	
PLOT SCALE = 10.0000 ' / IN.	CHECKED - NAK	REVISED -	CONTRACT NO. 72889							
PLOT DATE = Mar-18-2008 11:46:56AM	DATE - 3/15/2008	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
SCALE:						SHEET NO.	OF	SHEETS	STA. 7+70.00 TO STA. 7+90.00	

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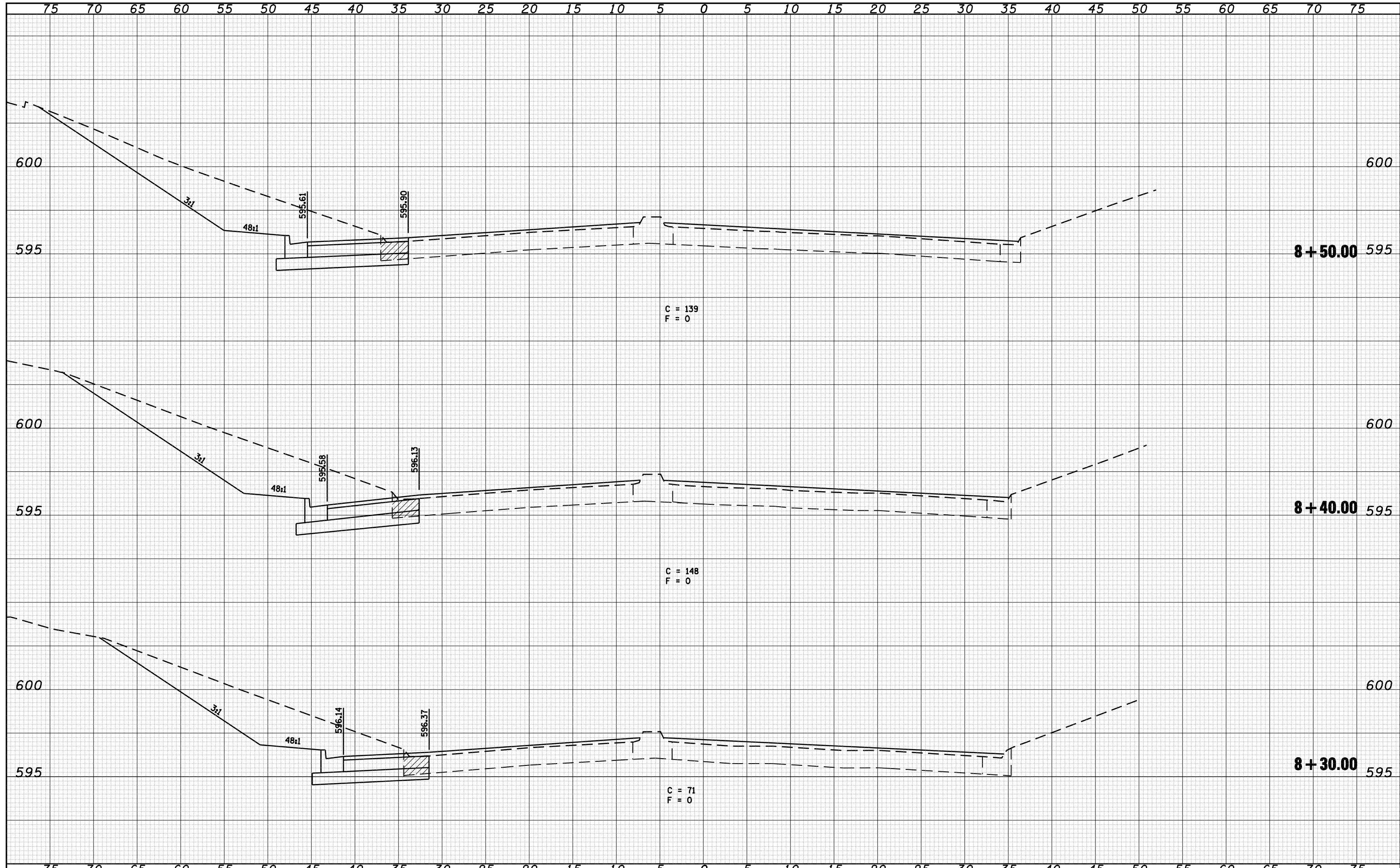
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AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
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FILE NAME =	USER NAME = laughlinr1	DESIGNED - NAK	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>SOUTHWEST PLAZA DR</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Projects\d652204\cummins_final\d672889-sh1-sh12.dgn	DRAWN - AJH	REVISED -	662			2-2 (RS) & 3-1 2(RS-10, TS-5)	SANGAMON	181	178	
PLOT SCALE = 10.0000 ' / IN.	CHECKED - NAK	REVISED -	CONTRACT NO. 72889							
PLOT DATE = Mar-18-2008 11:46:58AM	DATE - 3/15/2008	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
SCALE:						SHEET NO.	OF	SHEETS	STA. 8+00.00 TO STA. 8+20.00	

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PLOTTED	
TEMPLATE	
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CHECKED	
FINAL SURVEY	
NOTE BOOK	
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SURVEYED	
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ORIGINAL SURVEY	
NOTE BOOK	
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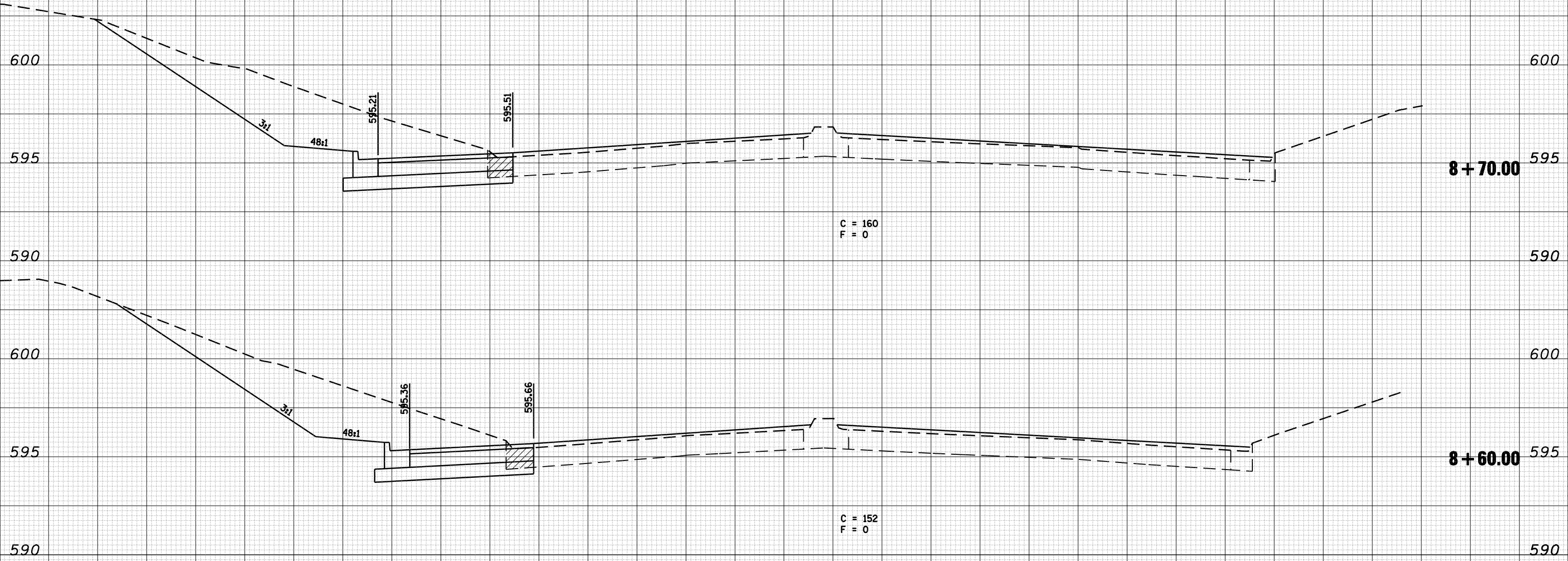


FILE NAME = C:\Projects\d652204\cummins_final\d672889-sh1-sh12.dgn	USER NAME = laughlinr1	DESIGNED - NAK	REVISIED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>SOUTHWEST PLAZA DR</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 10.0000' / IN.	CHECKED - NAK	REVISIED -	662			2-2 (RS) & 3-1 (RS-10, TS-5)	SANGAMON	181	179	
PLOT DATE = Mar-18-2008 11:47:00AM	DATE - 3/15/2008	REVISIED -	CONTRACT NO. 72889							
			SCALE:			SHEET NO.	OF SHEETS	STA. 8+30.00 TO STA. 8+50.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

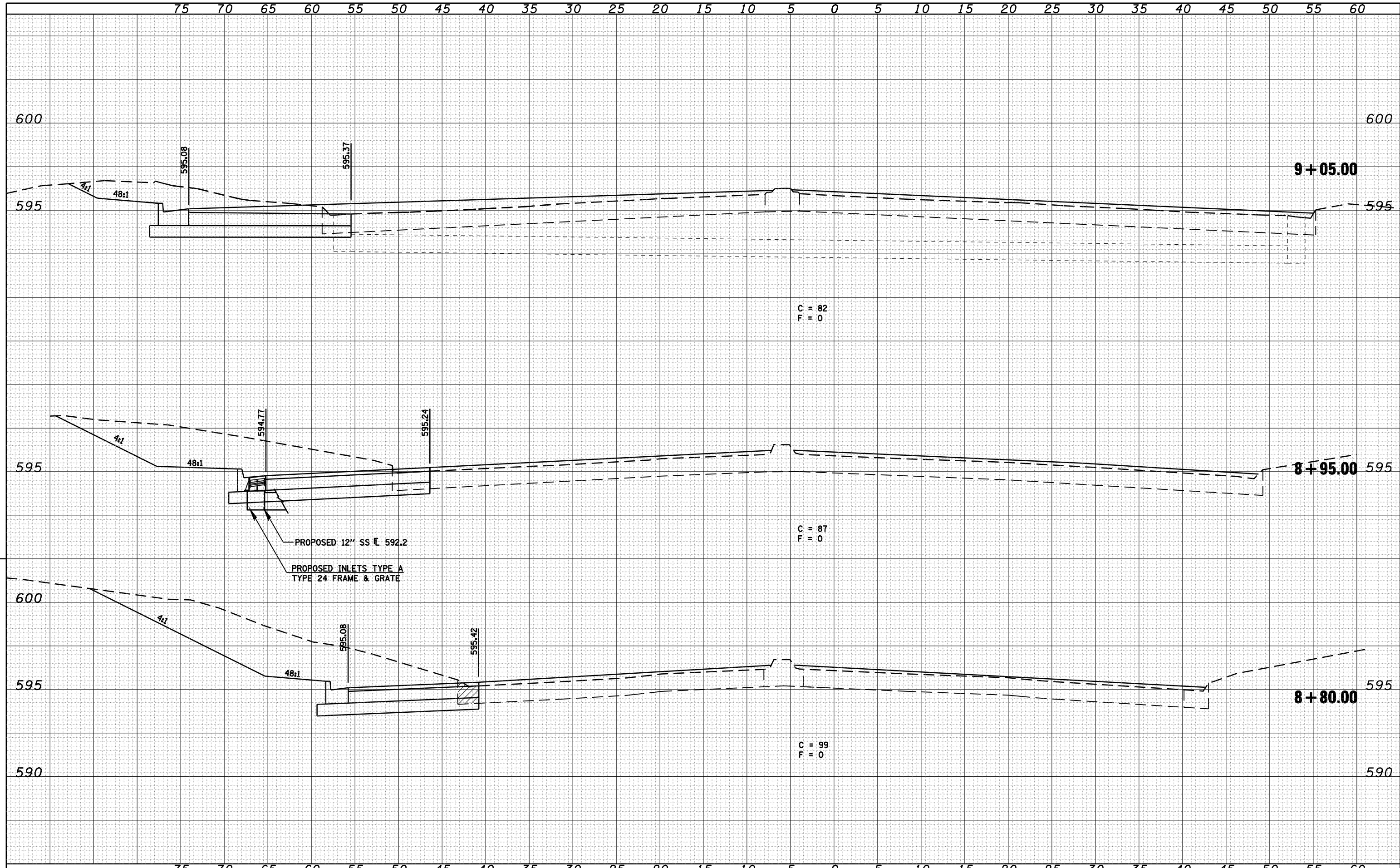
ORIGINAL SURVEY NO.	SURVEYED	DATE
	PLOTTED	
	TEMPLATE	
	AREAS	
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FILE NAME = C:\Projects\d652204\cummins_final\d672889-sh1-sh1.dgn	USER NAME = laughlin1	DESIGNED - NAK	REVISIED -	<p align="center"><b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b></p> <p align="center"><b>SOUTHWEST PLAZA DR</b></p> <p>SCALE: SHEET NO. OF SHEETS STA. 8+60.00 TO STA. 8+70.00</p>	F.A.P. RTE. 662	SECTION 2-2 (RS) & 3-1 (RS-10, TS-5)	COUNTY SANGAMON	TOTAL SHEETS 181	SHEET NO. 180
PLOT SCALE = 10.0000 ' / IN.	CHECKED - NAK	REVISIED -	FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT				
PLOT DATE = Mar-18-2008 11:47:02AM	DATE - 3/15/2008	REVISIED -	CONTRACT NO. 72889						

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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED



C = 82  
F = 0

C = 87  
F = 0

C = 99  
F = 0

PROPOSED 12" SS # 592.2  
PROPOSED INLETS TYPE A  
TYPE 24 FRAME & GRATE

FILE NAME = C:\Projects\d652204\cummins_final\d672889-sh1-sh1.dgn	USER NAME = laughlin1	DESIGNED - NAK	REVISIED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>SOUTHWEST PLAZA DR</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 10.0000' / IN.	DATE = 3/15/2008	DRAWN - AJH	REVISIED -					662	2-2 (RS) & 3-1 2(RS-10, TS-5)	SANGAMON	181	181
PLOT DATE = Mar-18-2008 11:47:03AM	DATE = 3/15/2008	CHECKED - NAK	REVISIED -					CONTRACT NO. 72889				
			REVISIED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				