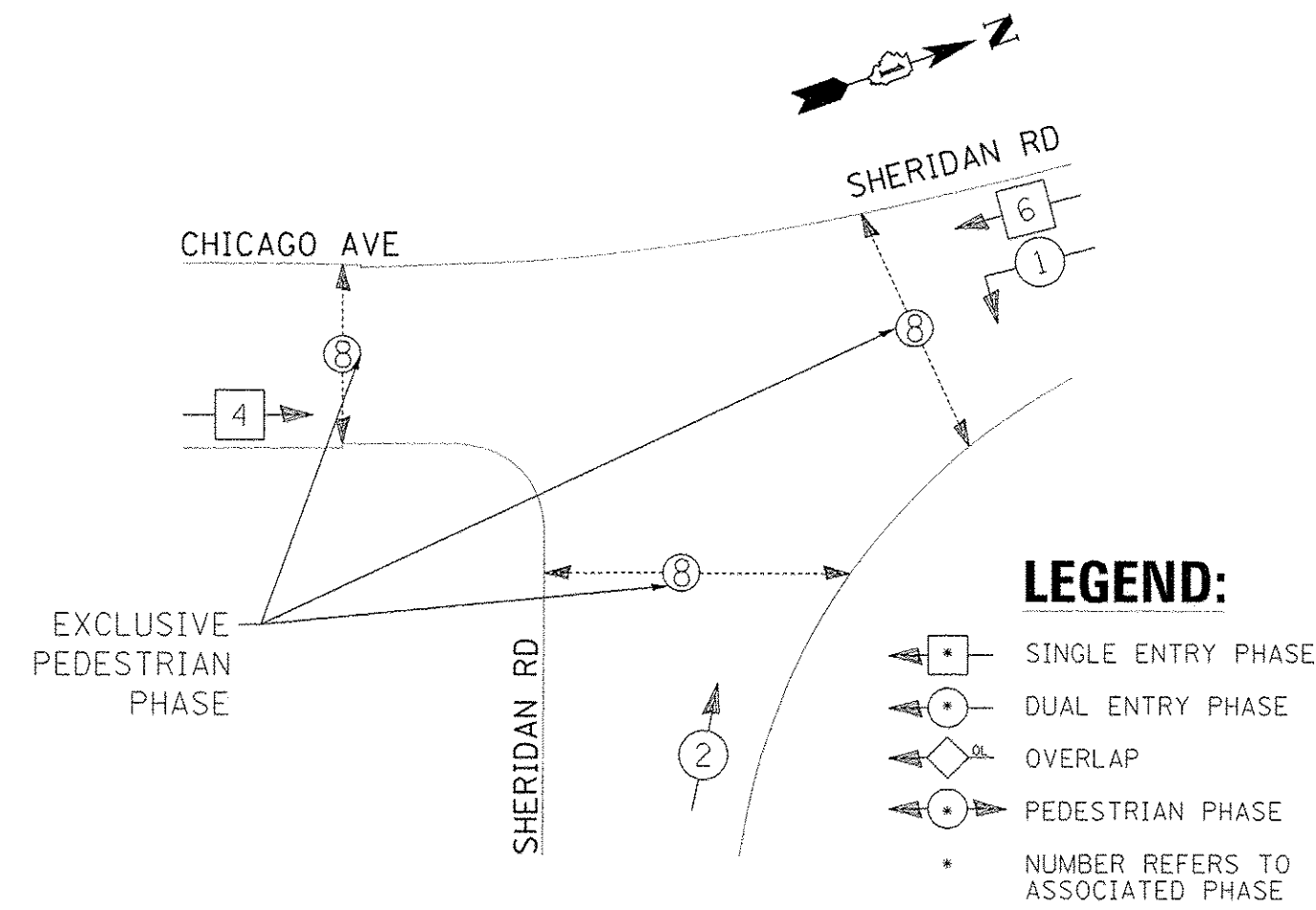


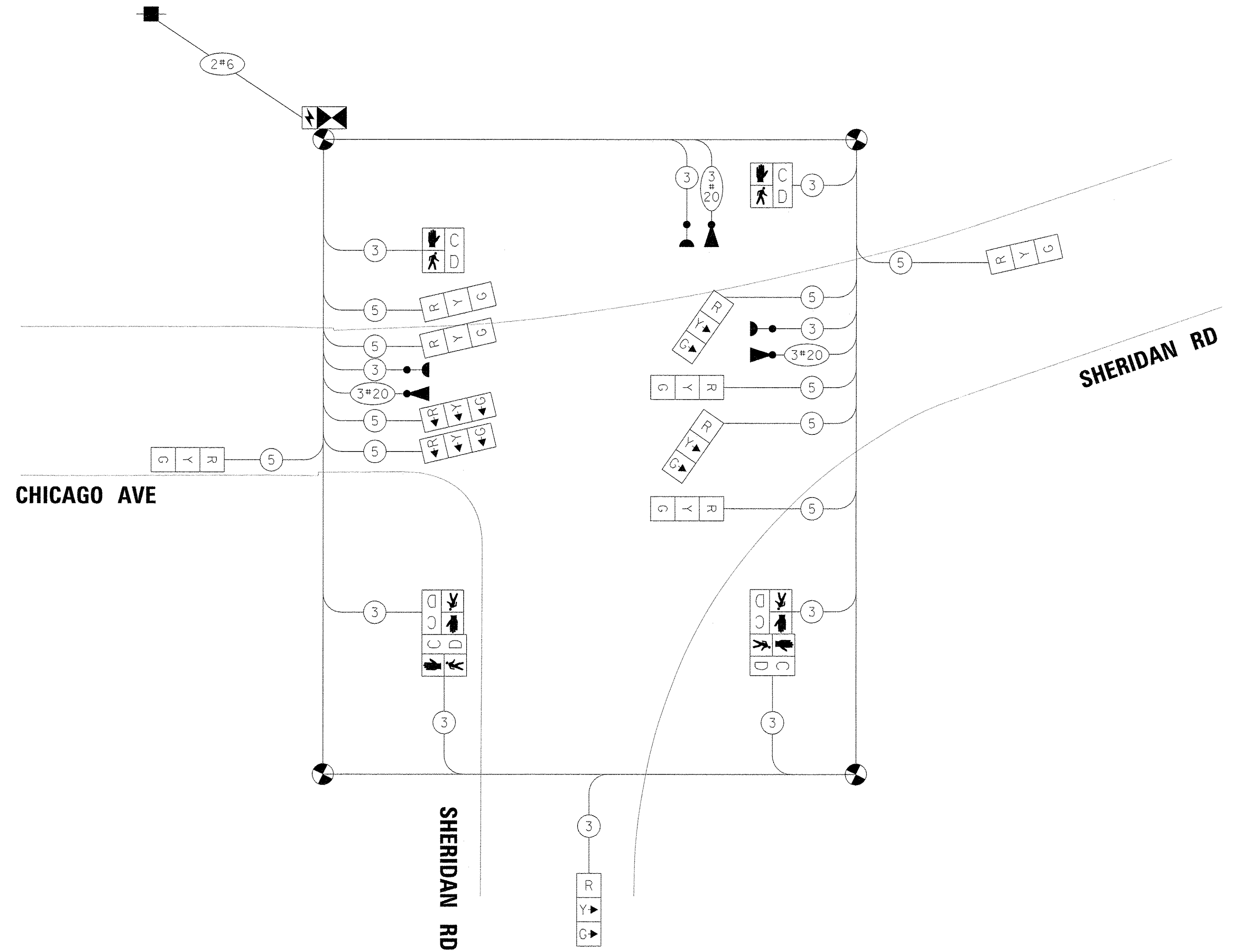
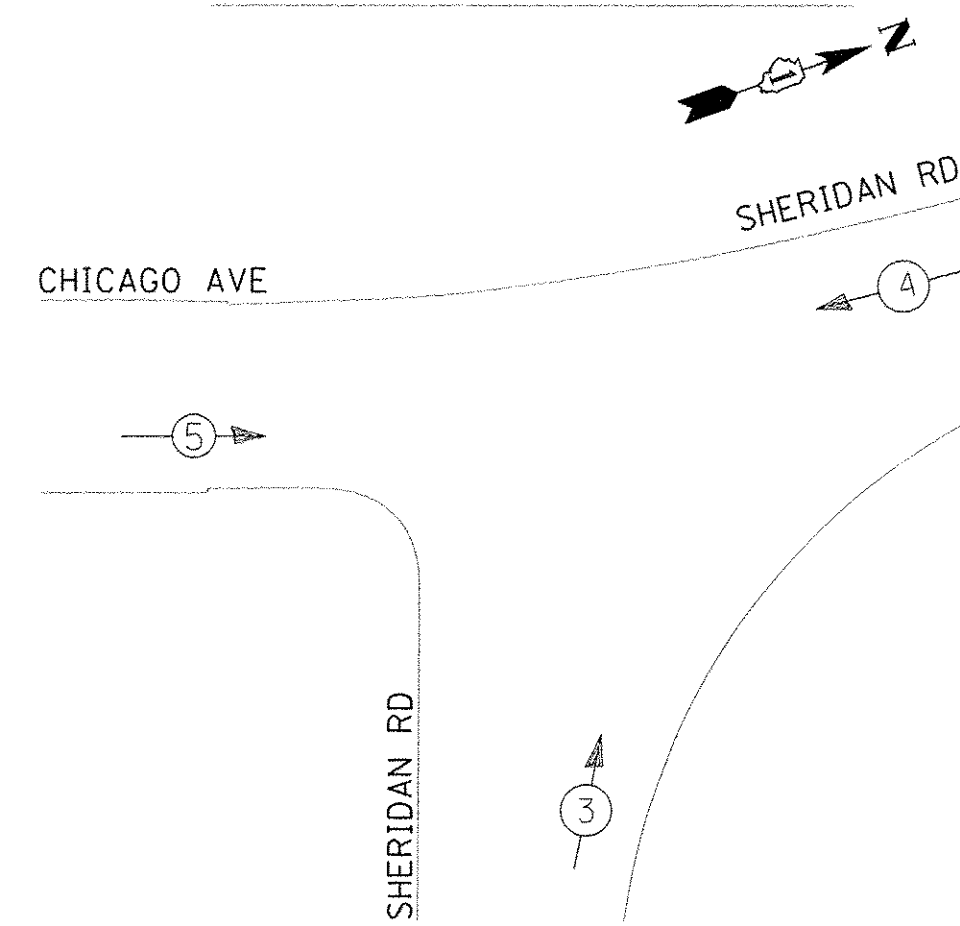




**TEMPORARY CONTROLLER SEQUENCE**



**TEMPORARY EMERGENCY VEHICLE  
PREEMPTION SEQUENCE**



**TEMPORARY CABLE PLAN**  
(NOT TO SCALE)

**TRAFFIC SIGNAL  
ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	9	11	50	49.5
(YELLOW)	9	20	5	9.0
(GREEN)	9	12	45	48.6
PERMISSIVE ARROW	6	10	10	6.0
PED. SIGNAL	6	20	100	120.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
TOTAL =				358.1

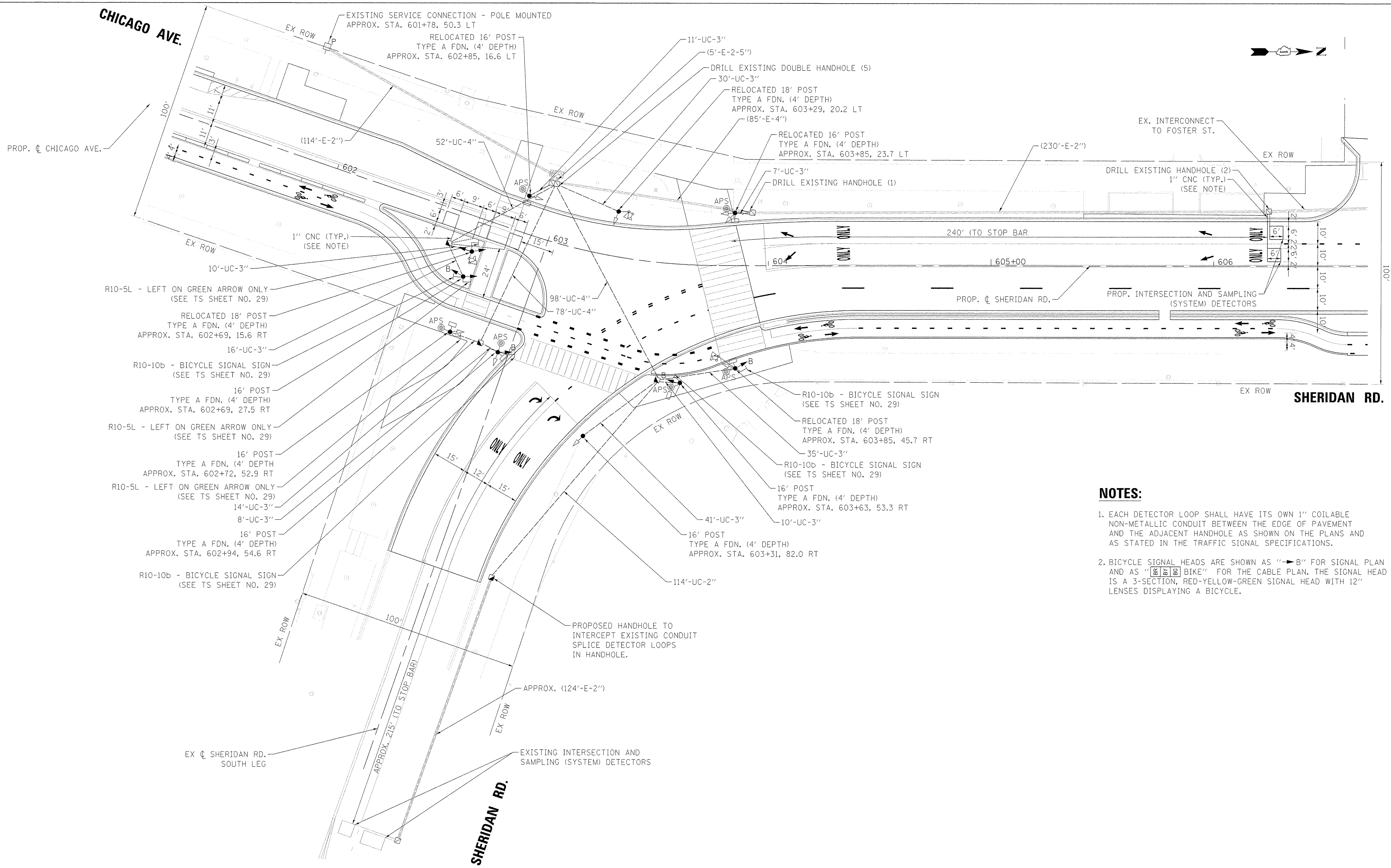
ENERGY COSTS TO:

CITY OF EVANSTON

ENERGY SUPPLY: CONTACT: JOE STACHO  
PHONE: (630) 424-5704  
COMPANY: COMMONWEALTH EDISON  
ACCOUNT NUMBER: ---

TS SHT NO. 26

FILE NAME = ts_sht_04-02_SherChicago_EX.dgn	USER NAME = mrschards	DESIGNED - MBR	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CHICAGO AVE/SHERIDAN RD.: SHERIDAN RD. AT CHICAGO AVE. TEMP. CABLE PLAN, TEMP. PHASE DESIGNATION &amp; TEMP. EVP SEQUENCE</b>	F.A.U. RTE. 2853	SECTION 14-00273-00-BT	COUNTY COOK	TOTAL SHEETS 274	SHEET NO. 203		
Default	PLOT SCALE = 20,0000 1/1 in.	CHECKED - DAJ	REVISED -			SCALE: NTS	SHEET OF SHEETS STA. TO STA.	CONTRACT NO. 61D36				
	PLOT DATE = 11/14/2016	DATE = 10/17/2016	REVISED -			[ILLINOIS] FED. AID PROJECT						



- R10-5L - LEFT ON GREEN ARROW ONLY (SEE TS SHEET NO. 29)
- RELOCATED 18' POST TYPE A FDN. (4' DEPTH) APPROX. STA. 602+69, 15.6 RT
- 16'-UC-3"
- R10-10b - BICYCLE SIGNAL SIGN (SEE TS SHEET NO. 29)
- 16' POST TYPE A FDN. (4' DEPTH) APPROX. STA. 602+69, 27.5 RT
- R10-5L - LEFT ON GREEN ARROW ONLY (SEE TS SHEET NO. 29)
- 16' POST TYPE A FDN. (4' DEPTH) APPROX. STA. 602+72, 52.9 RT
- R10-5L - LEFT ON GREEN ARROW ONLY (SEE TS SHEET NO. 29)
- 14'-UC-3"
- 8'-UC-3"
- 16' POST TYPE A FDN. (4' DEPTH) APPROX. STA. 602+94, 54.6 RT
- R10-10b - BICYCLE SIGNAL SIGN (SEE TS SHEET NO. 29)

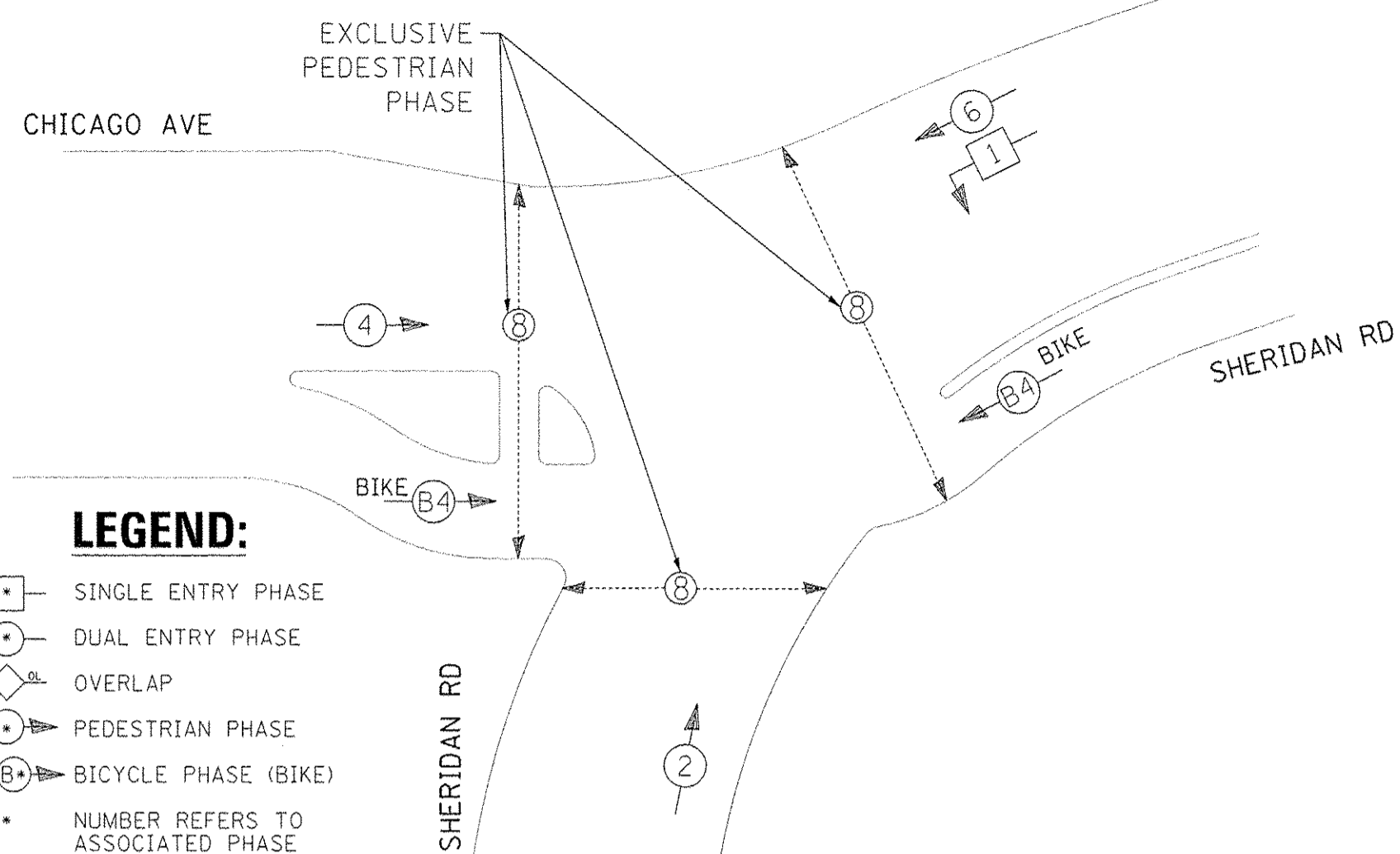
- R10-10b - BICYCLE SIGNAL SIGN (SEE TS SHEET NO. 29)
- RELOCATED 18' POST TYPE A FDN. (4' DEPTH) APPROX. STA. 603+85, 45.7 RT
- 35'-UC-3"
- R10-10b - BICYCLE SIGNAL SIGN (SEE TS SHEET NO. 29)
- 16' POST TYPE A FDN. (4' DEPTH) APPROX. STA. 603+63, 53.3 RT
- 10'-UC-3"
- 16' POST TYPE A FDN. (4' DEPTH) APPROX. STA. 603+31, 82.0 RT

- NOTES:**
1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
  2. BICYCLE SIGNAL HEADS ARE SHOWN AS "B" FOR SIGNAL PLAN AND AS "BIKE" FOR THE CABLE PLAN. THE SIGNAL HEAD IS A 3-SECTION, RED-YELLOW-GREEN SIGNAL HEAD WITH 12" LENSES DISPLAYING A BICYCLE.

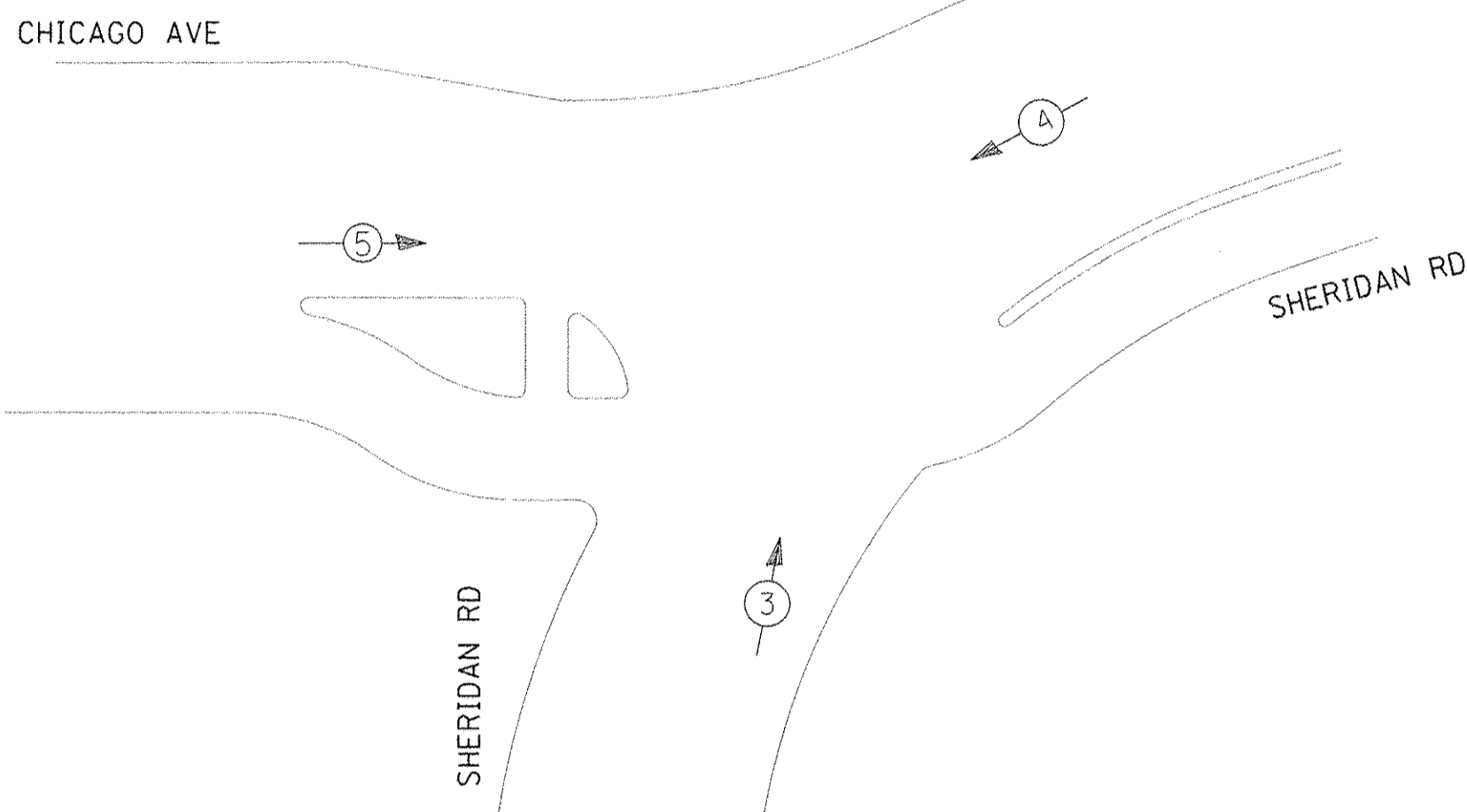
TS SHT NO. 27

FILE NAME = ts_sht_04-03_SherChicago_FR.dgn	USER NAME = mrichards	DESIGNED - MBR	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CHICAGO AVE/SHERIDAN RD.: SHERIDAN RD. AT CHICAGO AVE. TRAFFIC SIGNAL PLAN</b>			F.A.U. RTE. 2853	SECTION 14-00273-00-BT	COUNTY COOK	TOTAL SHEETS 274	SHEET NO. 204
Defaults	PLOT SCALE = 20.00000' / in.	DRAWN - MBR	REVISED -		SCALE: 1" = 20'	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 61D36
	PLOT DATE = 11/14/2016	CHECKED - DAJ	REVISED -									
		DATE = 10/17/2016	REVISED -									ILLINOIS FED. AID PROJECT

**PROPOSED CONTROLLER SEQUENCE**



**PROPOSED EMERGENCY VEHICLE  
PREEMPTION SEQUENCE**



**TRAFFIC SIGNAL  
ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	16	11	50	88.0
(YELLOW)	16	20	5	16.0
(GREEN)	16	12	45	86.4
PERMISSIVE ARROW	-	10	10	-
PED. SIGNAL	6	20	100	120.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
<b>TOTAL =</b>				<b>435.4</b>

ENERGY COSTS TO:

CITY OF EVANSTON

ENERGY SUPPLY: CONTACT: JOE STACHO  
 PHONE: (630) 424-5704  
 COMPANY: COMMONWEALTH EDISON  
 ACCOUNT NUMBER: ---

PHASE	1			2			3			CYCLE LENGTH
	GREEN TIME IN SECONDS	YELLOW	RED	GREEN TIME IN SECONDS	YELLOW	RED	GREEN TIME IN SECONDS	YELLOW	RED	
	A.M. 42.0	4.5	1.5	31.0	4.5	1.5	25.0	110		
	P.M. 50.0	4.5	1.5	26.0	4.5	1.5	22.0	110		

NOTE:  
 1. ALL RED TIMES SHALL BE 1.5 SECONDS.

**NOTES:**

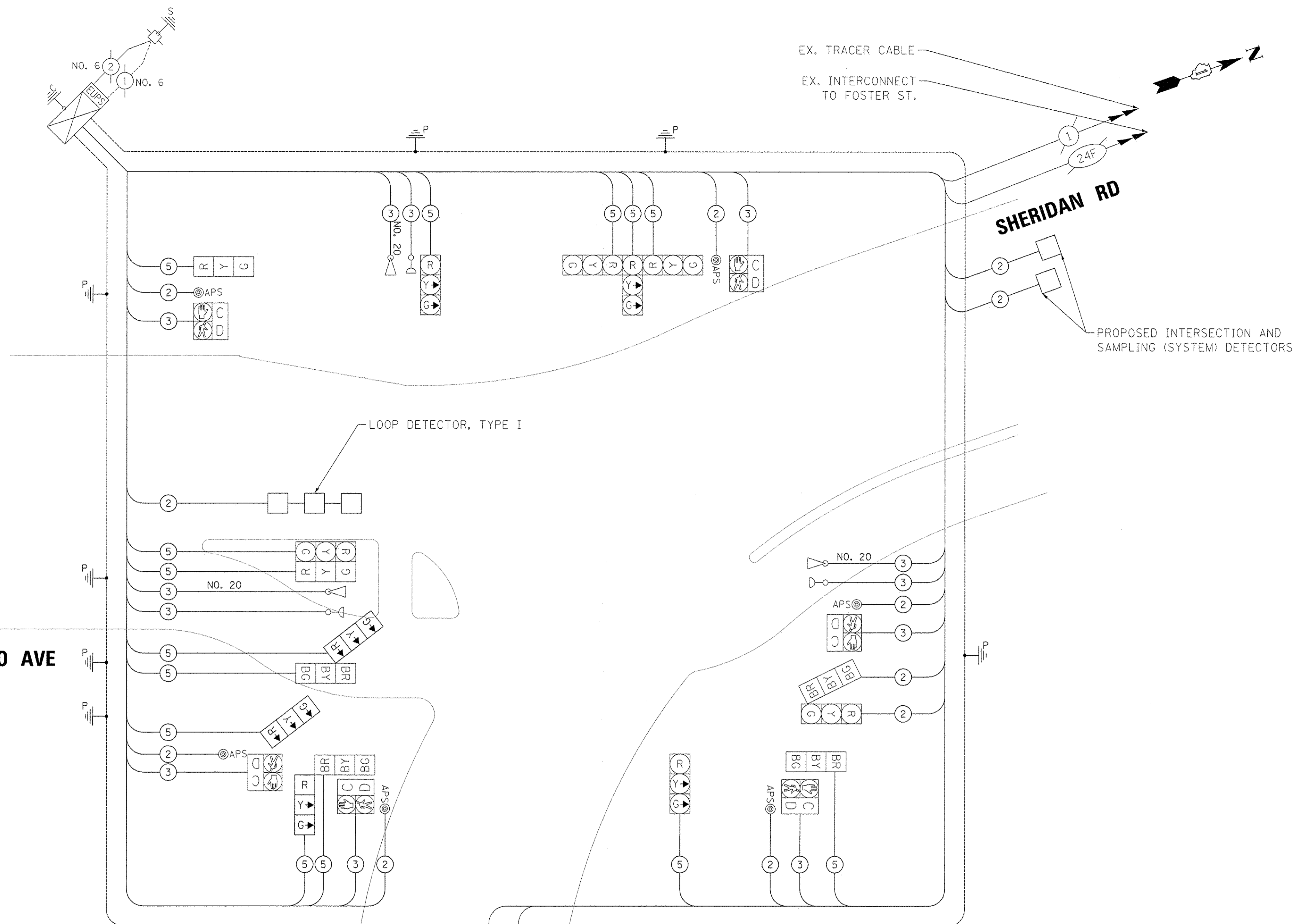
1. BICYCLE SIGNAL HEADS ARE SHOWN AS "→B" FOR SIGNAL PLAN AND AS "BIKE" FOR THE CABLE PLAN. THE SIGNAL HEAD IS A 3-SECTION, RED-YELLOW-GREEN SIGNAL HEAD WITH 12" LENSES DISPLAYING A BICYCLE.

CHICAGO AVE

SHERIDAN RD

**PROPOSED CABLE PLAN**

(NOT TO SCALE)



TS SHT NO. 28

FILE NAME = ta_sht_04-04_SherChicago_PFD.rgn	USER NAME = mrschardt	DESIGNED - MBR	REVISED -
Default	PLOT SCALE = 20.0000 / 1 in.	DRAWN - MBR	REVISED -
	PLOT DATE = 11/14/2016	CHECKED - DAJ	REVISED -
		DATE - 10/17/2016	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CHICAGO AVE/SHERIDAN RD.: SHERIDAN RD. AT CHICAGO AVE.  
 CABLE PLAN, PHASE DESIGNATION & EVP SEQUENCE

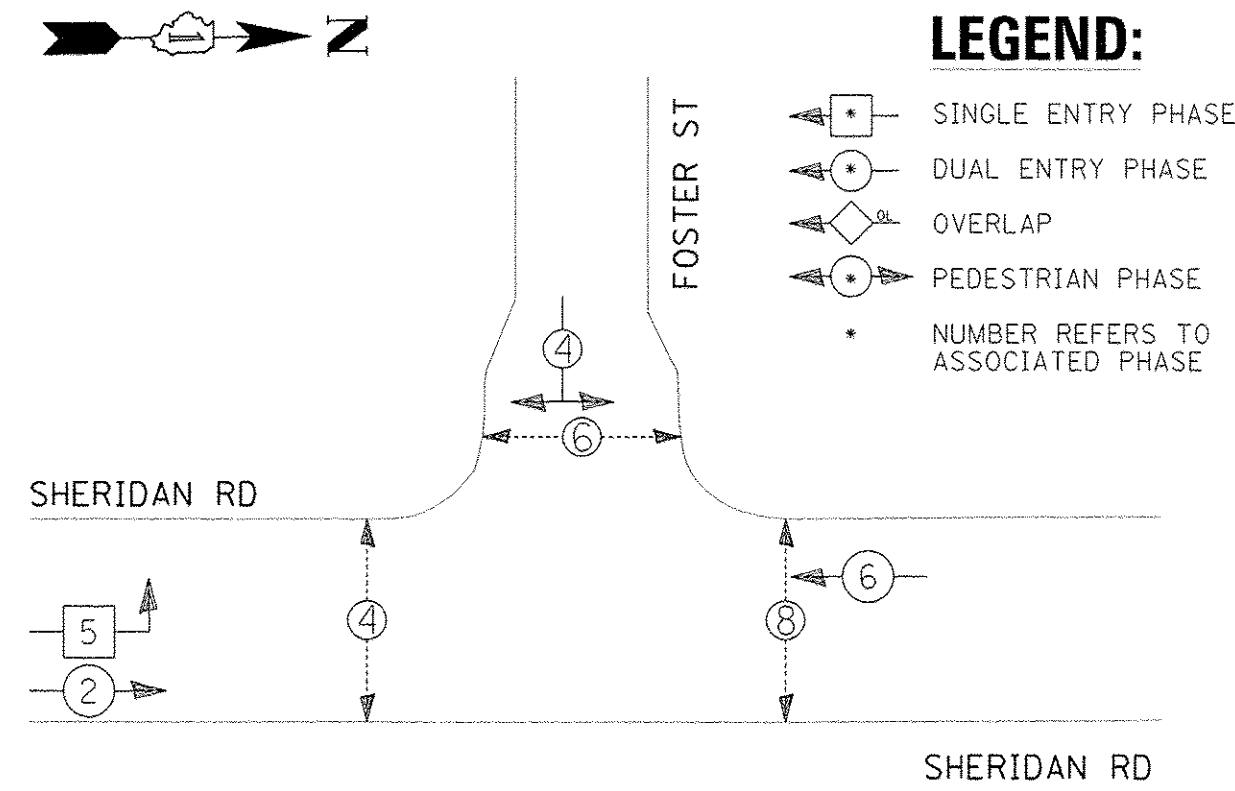
SCALE: NTS SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. 2853	SECTION 14-00273-00-BT	COUNTY COOK	TOTAL SHEETS 274	SHEET NO. 205
				CONTRACT NO. 61D36
ILLINOIS FED. AID PROJECT				

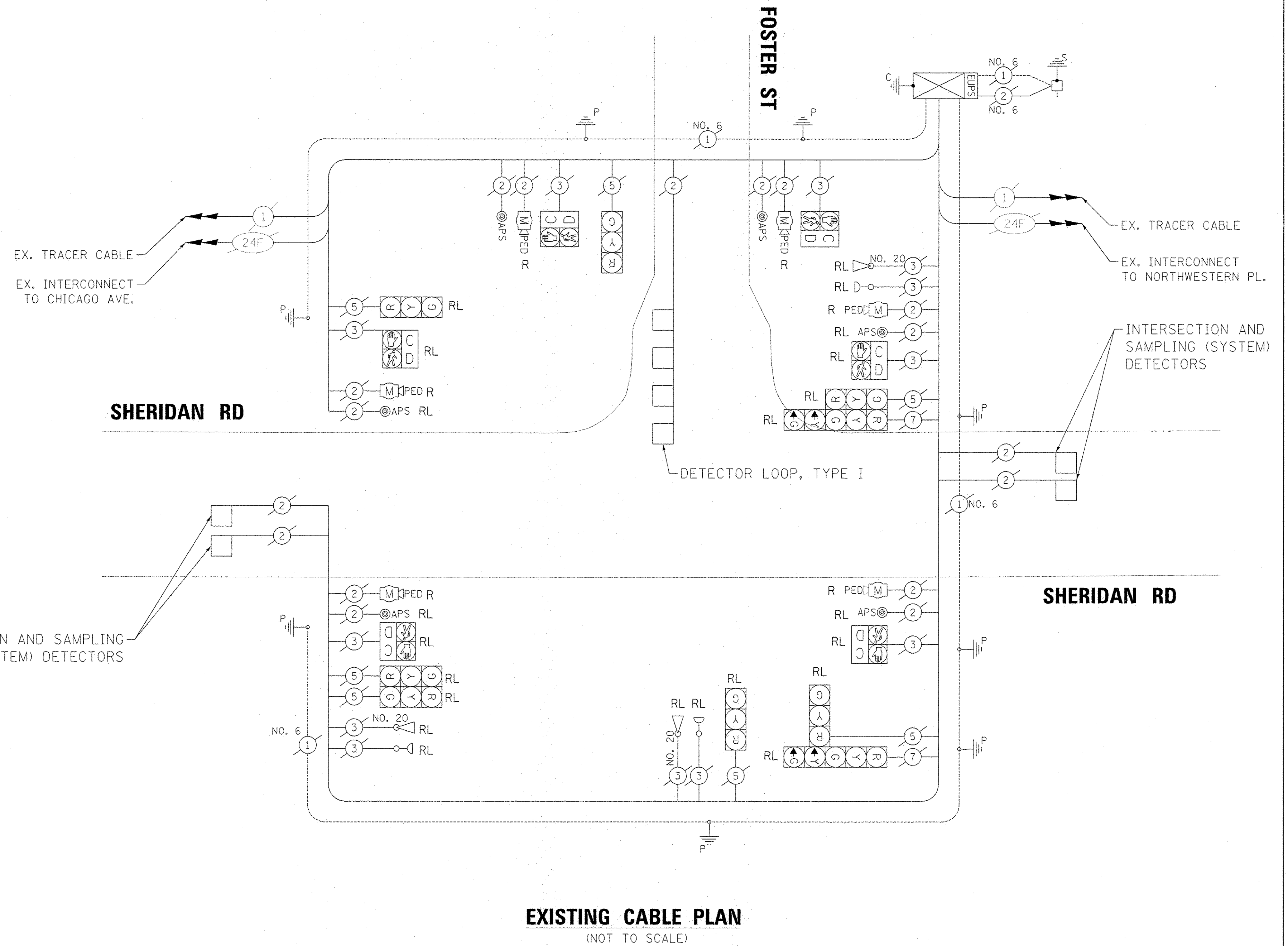
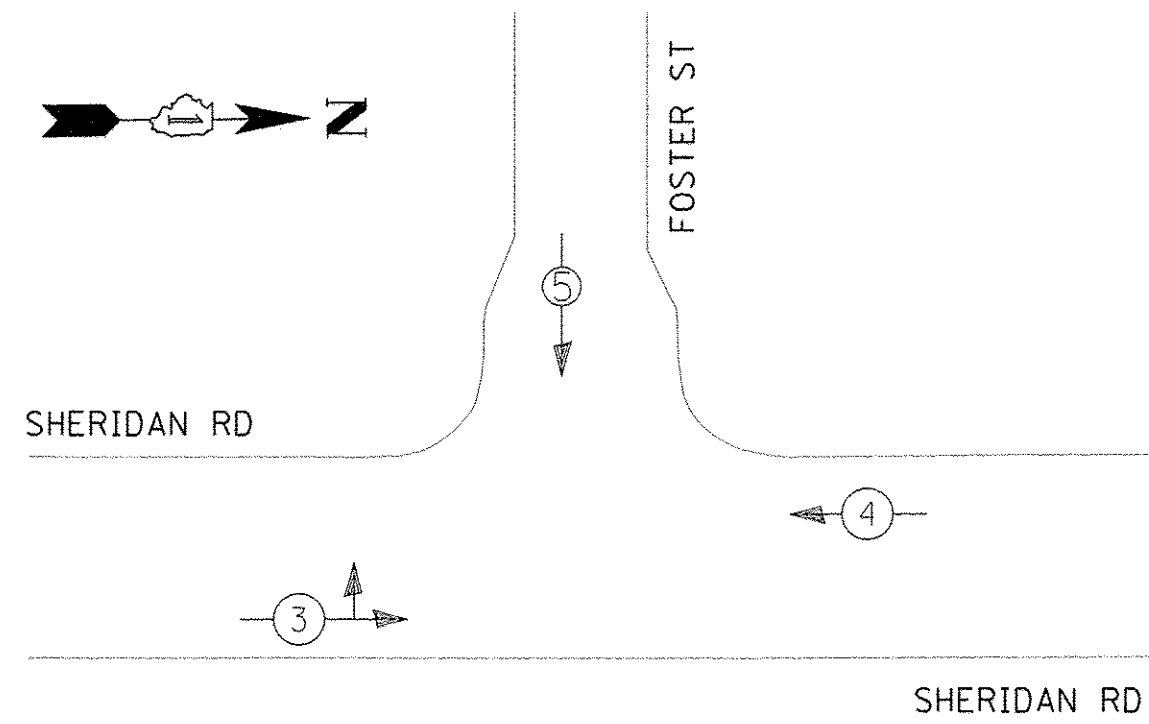




**EXISTING CONTROLLER SEQUENCE**



**EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE**



**TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	9	11	50	49.5
(YELLOW)	9	20	5	9.0
(GREEN)	9	12	45	48.6
PERMISSIVE ARROW	4	10	10	4.0
PED. SIGNAL	6	20	100	120.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
<b>TOTAL =</b>				<b>356.1</b>

ENERGY COSTS TO:

CITY OF EVANSTON

ENERGY SUPPLY: CONTACT: JOE STACHO  
 PHONE: (630) 424-5704  
 COMPANY: COMMONWEALTH EDISON  
 ACCOUNT NUMBER: ---

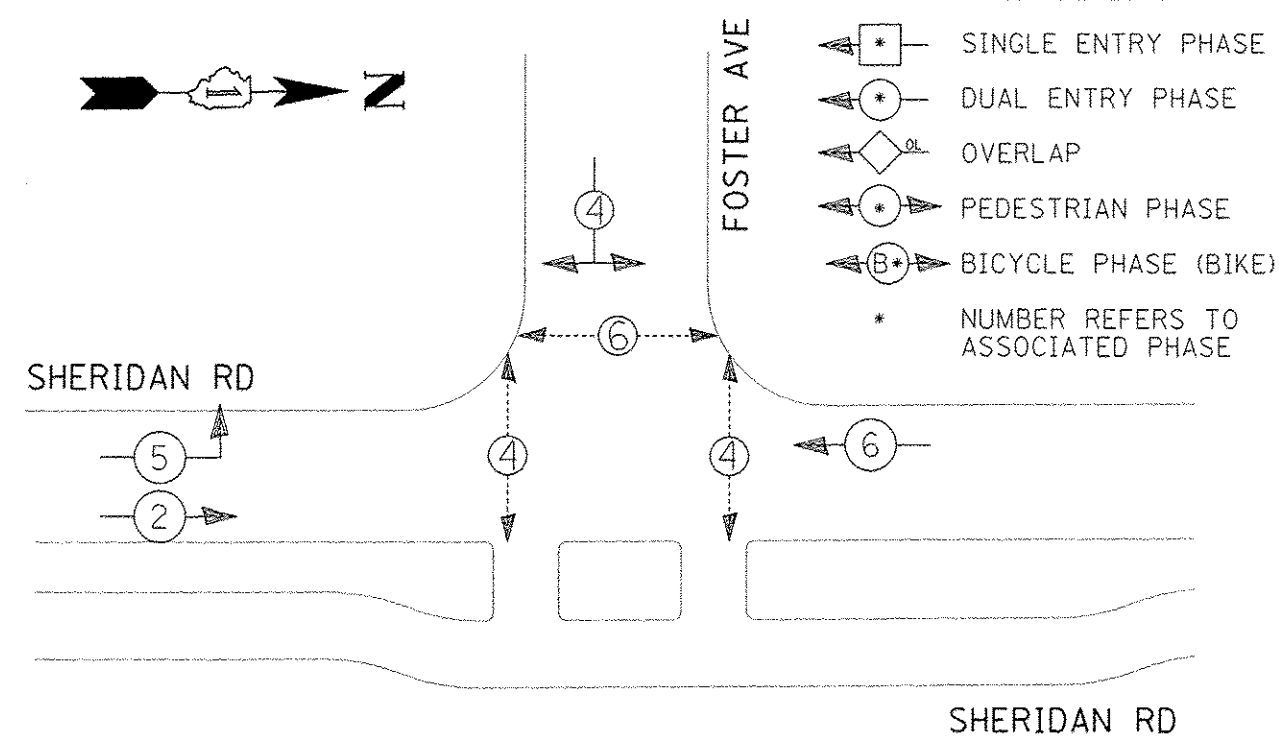
TS SHT NO. 31

FILE NAME = ts_sht_05-02_ShorFoster_EX.dgn	USER NAME = mrvchordi	DESIGNED - MBR	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CHICAGO AVE/SHERIDAN RD.: SHERIDAN RD. AT FOSTER ST. EX. CABLE PLAN, EX. PHASE DESIGNATION &amp; EX. EVP SEQUENCE</b>	F.A.U. RTE. 2853	SECTION 14-00273-00-BT	COUNTY COOK	TOTAL SHEETS 274	SHEET NO. 208	
Default	PLOT SCALE = 20,0000' / 1"	CHECKED - DAJ	REVISED -			SCALE: NTS	SHEET OF SHEETS STA. TO STA.	CONTRACT NO. 61D36			
	PLOT DATE = 11/14/2016	DATE - 10/17/2016	REVISED -			ILLINOIS FED. AID PROJECT					



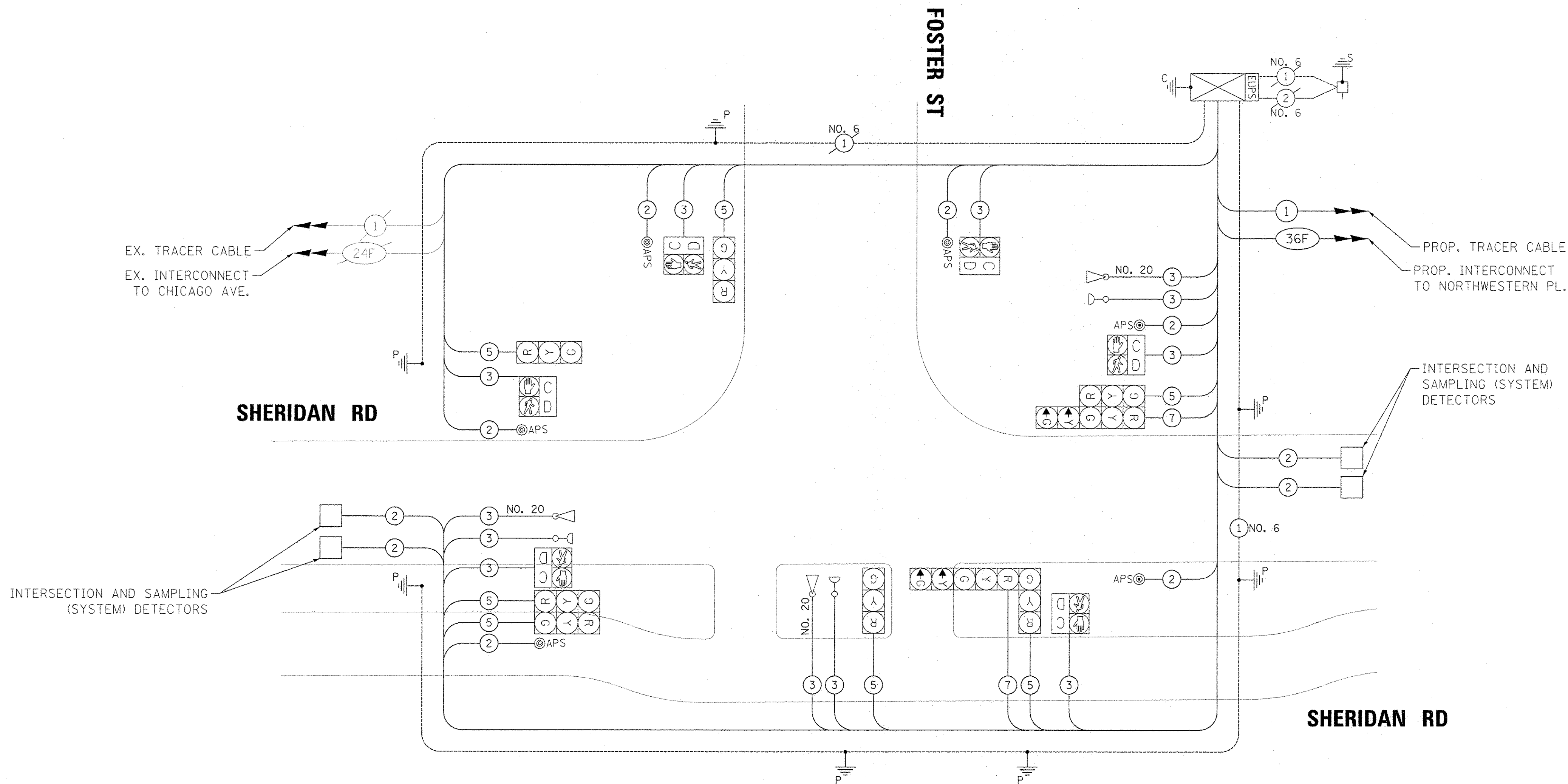
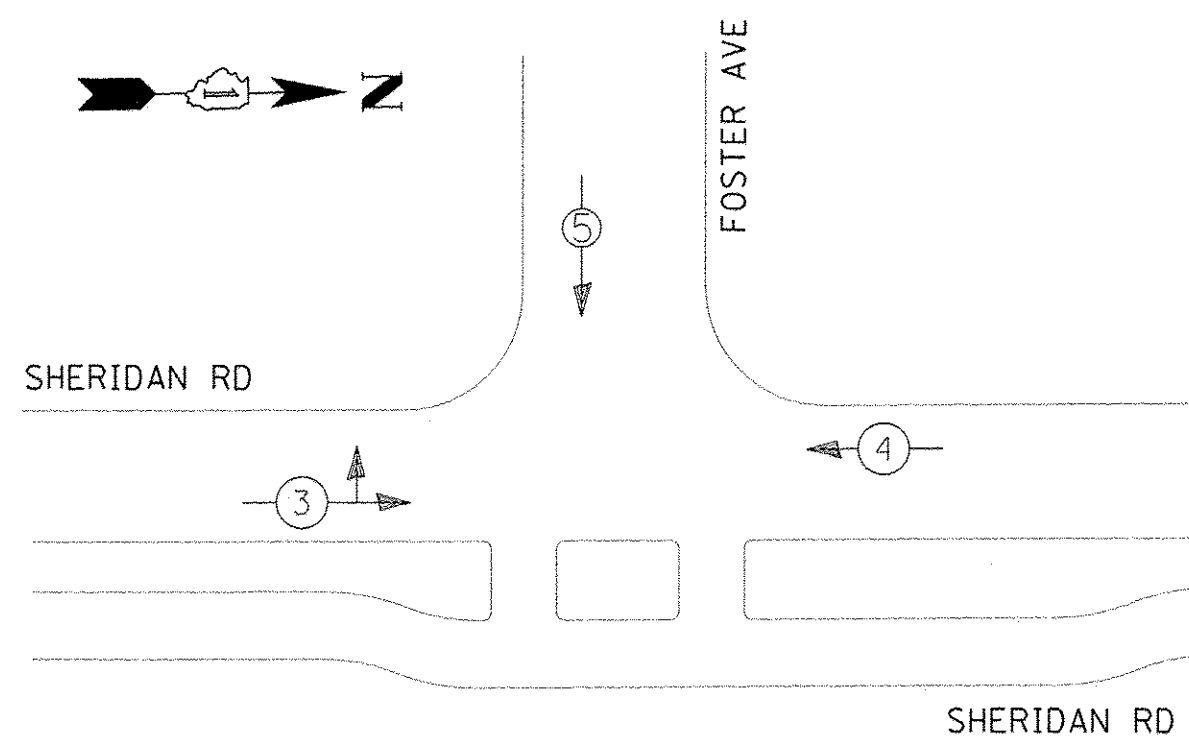


**CONTROLLER SEQUENCE**



- LEGEND:**
- SINGLE ENTRY PHASE
  - DUAL ENTRY PHASE
  - ◇ OVERLAP
  - ▲ PEDESTRIAN PHASE
  - ⊕ BICYCLE PHASE (BIKE)
  - NUMBER REFERS TO ASSOCIATED PHASE

**EMERGENCY VEHICLE PREEMPTION SEQUENCE**



**CABLE PLAN**  
(NOT TO SCALE)

PHASE	1		2		2		CYCLE LENGTH		
	GREEN	YELLOW	YELLOW	RED (LPI)	GREEN	YELLOW			
A.M.	11.0	3.0	56.0	4.5	4.5	25.0	4.5	1.5	110
P.M.	10.0	3.0	58.0	4.5	4.5	24.0	4.5	1.5	110

- NOTE:
1. LPI = LEADING PEDESTRIAN INTERVAL
  2. NB/SB ALL RED TIMES SHALL BE 4.5 SECONDS.
  3. EB ALL RED TIMES SHALL BE 1.5 SECONDS.

**TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	9	11	50	49.5
(YELLOW)	9	20	5	9.0
(GREEN)	9	12	45	48.6
PERMISSIVE ARROW	4	10	10	4.0
PED. SIGNAL	6	20	100	120.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
TOTAL =				356.1

ENERGY COSTS TO:

CITY OF EVANSTON

ENERGY SUPPLY: CONTACT: JOE STACHO  
PHONE: (630) 424-5704  
COMPANY: COMMONWEALTH EDISON  
ACCOUNT NUMBER: ---

TS SHT NO. 33

FILE NAME = ts_sht_05-04_SherFoster_PR.dgn	USER NAME = mrichard	DESIGNED - MBR	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CHICAGO AVE/SHERIDAN RD.: SHERIDAN RD. AT FOSTER ST. CABLE PLAN, PHASE DESIGNATION &amp; EVP SEQUENCE</b>	F.A.U. RTE. 2853	SECTION 14-00273-00-BT	COUNTY COOK	TOTAL SHEETS 274	SHEET NO. 210		
Default	PLOT SCALE = 20.0000' / 1" / in.	CHECKED - DAJ	REVISED -			SCALE: NTS	SHEET OF SHEETS STA. TO STA.	CONTRACT NO. 61D36				
	PLOT DATE = 11/14/2016	DATE = 10/17/2016	REVISED -			ILLINOIS FED. AID PROJECT						



**REMOVAL AND RELOCATION NOTES:**

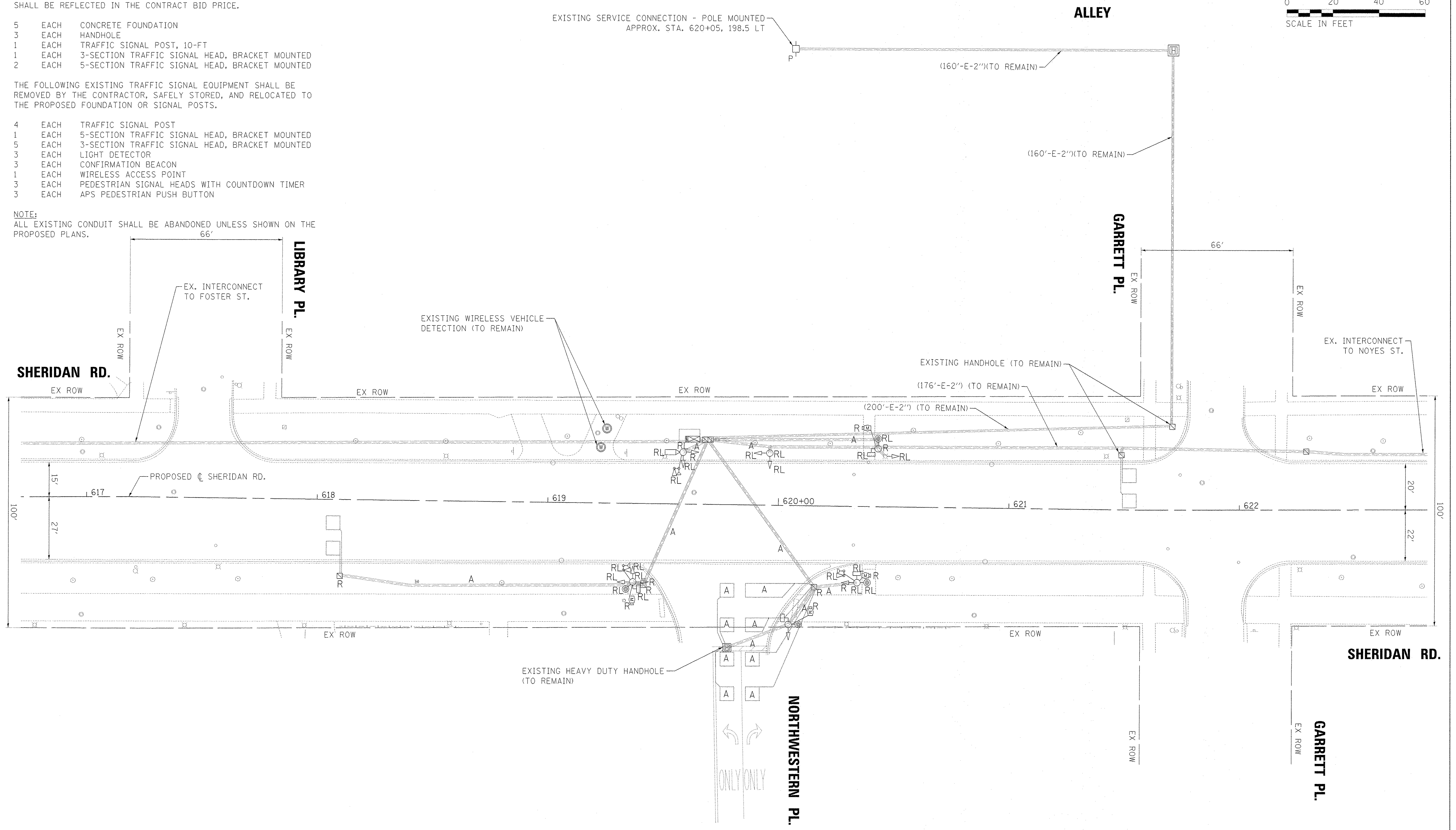
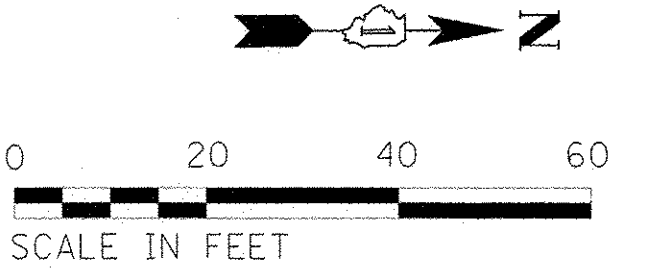
THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 5 EACH CONCRETE FOUNDATION
- 3 EACH HANDHOLE
- 1 EACH TRAFFIC SIGNAL POST, 10-FT
- 1 EACH 3-SECTION TRAFFIC SIGNAL HEAD, BRACKET MOUNTED
- 2 EACH 5-SECTION TRAFFIC SIGNAL HEAD, BRACKET MOUNTED

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED, AND RELOCATED TO THE PROPOSED FOUNDATION OR SIGNAL POSTS.

- 4 EACH TRAFFIC SIGNAL POST
- 1 EACH 5-SECTION TRAFFIC SIGNAL HEAD, BRACKET MOUNTED
- 5 EACH 3-SECTION TRAFFIC SIGNAL HEAD, BRACKET MOUNTED
- 3 EACH LIGHT DETECTOR
- 3 EACH CONFIRMATION BEACON
- 1 EACH WIRELESS ACCESS POINT
- 3 EACH PEDESTRIAN SIGNAL HEADS WITH COUNTDOWN TIMER
- 3 EACH APS PEDESTRIAN PUSH BUTTON

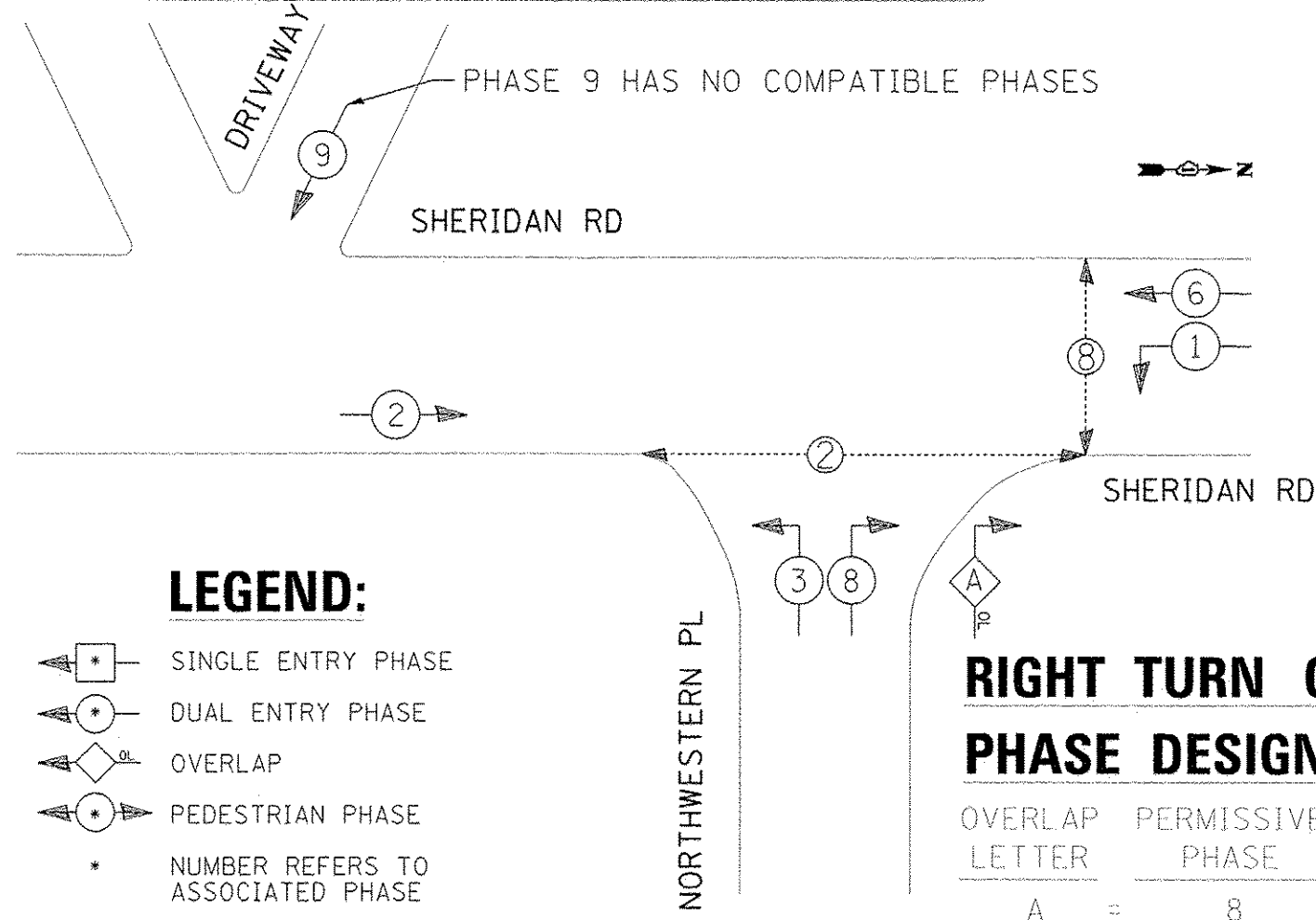
**NOTE:**  
ALL EXISTING CONDUIT SHALL BE ABANDONED UNLESS SHOWN ON THE PROPOSED PLANS.



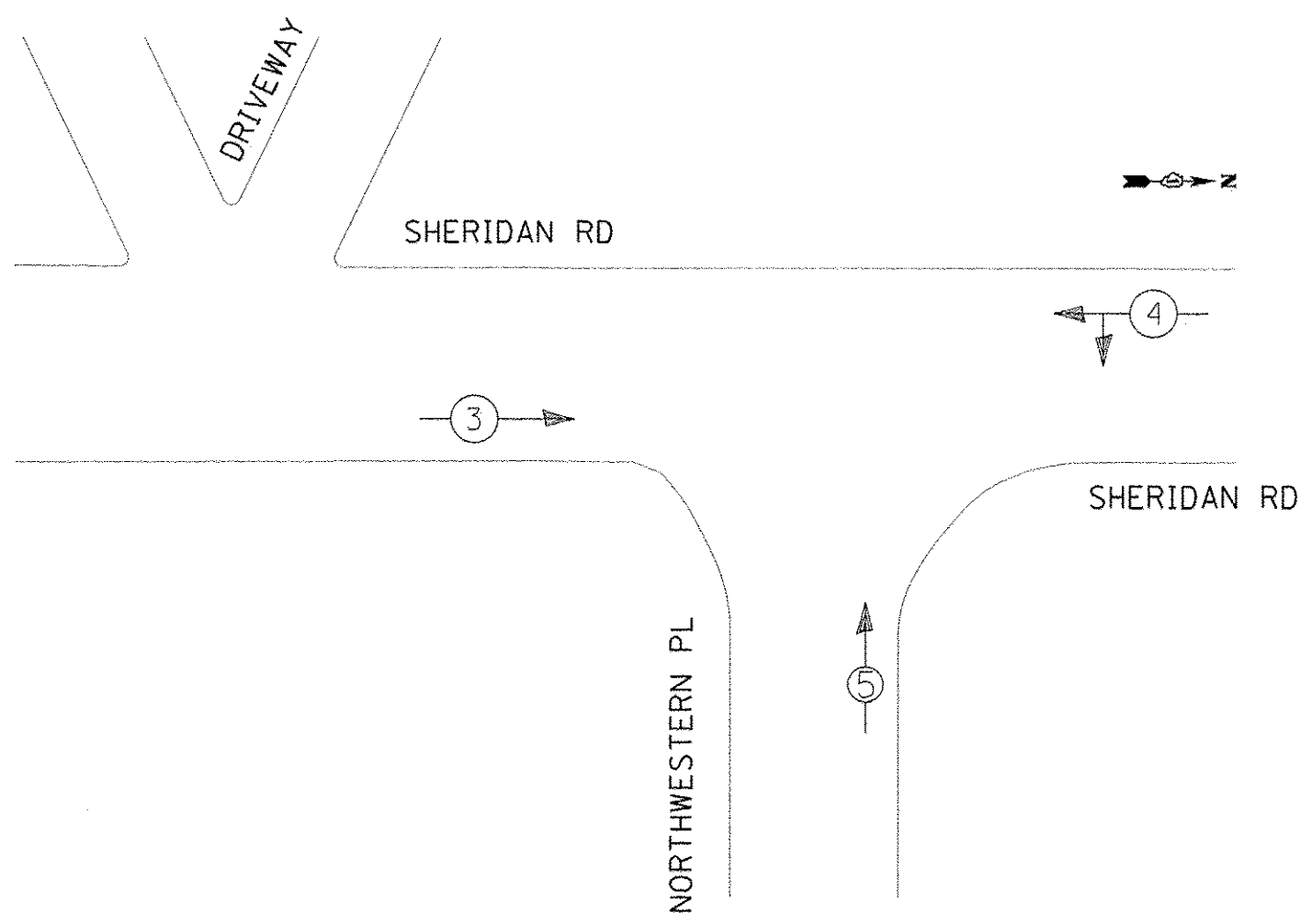
TS SHT NO. 35

FILE NAME = ts_sht_06-01_SherNorthwestern_EX.dgn	USER NAME = mrichards	DESIGNED - MBR	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CHICAGO AVE/SHERIDAN RD.: SHERIDAN RD. AT NORTHWESTERN PL. REMOVE EX SIGNAL EQUIPMENT</b>	F.A.U. RTE. 2853	SECTION 14-00273-00-BT	COUNTY COOK	TOTAL SHEETS 274	SHEET NO. 212		
Default	PLOT SCALE = 20.00/000' / 1" = 20'	CHECKED - DAJ	REVISED -			SCALE: 1" = 20'	SHEET OF SHEETS STA. TO STA.	CONTRACT NO. 61D36				
	PLOT DATE = 11/14/2016	DATE - 10/17/2016	REVISED -			ILLINOIS FED. AID PROJECT						

**EXISTING CONTROLLER SEQUENCE**



**EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE**

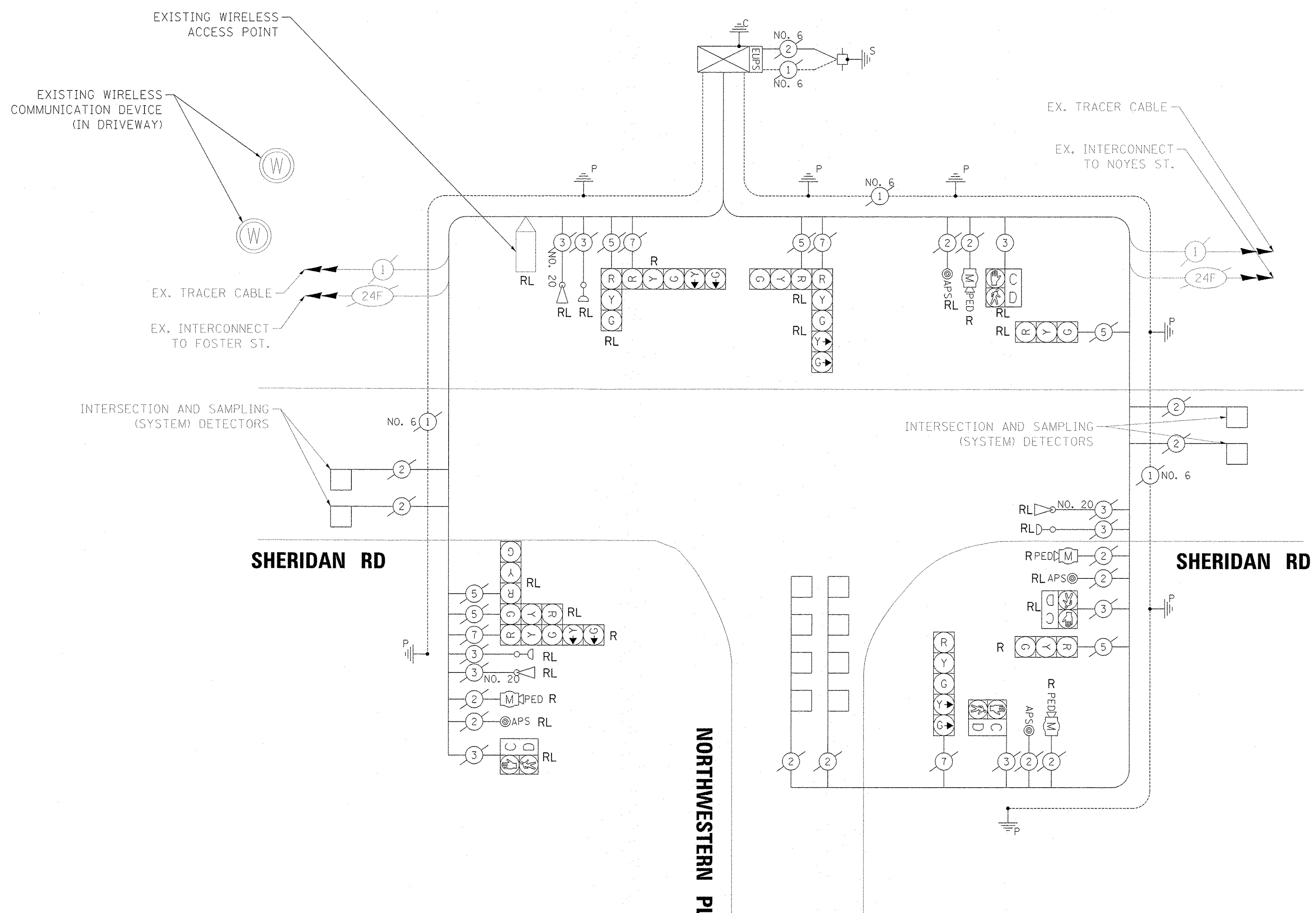


**TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	10	11	50	55.0
(YELLOW)	10	20	5	10.0
(GREEN)	10	12	45	54.0
PERMISSIVE ARROW	8	10	10	8.0
PED. SIGNAL	4	20	100	80.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
<b>TOTAL =</b>				<b>332.0</b>

ENERGY COSTS TO:  
CITY OF EVANSTON

ENERGY SUPPLY: CONTACT: JOE STACHO  
PHONE: (630) 424-5704  
COMPANY: COMMONWEALTH EDISON  
ACCOUNT NUMBER: ---

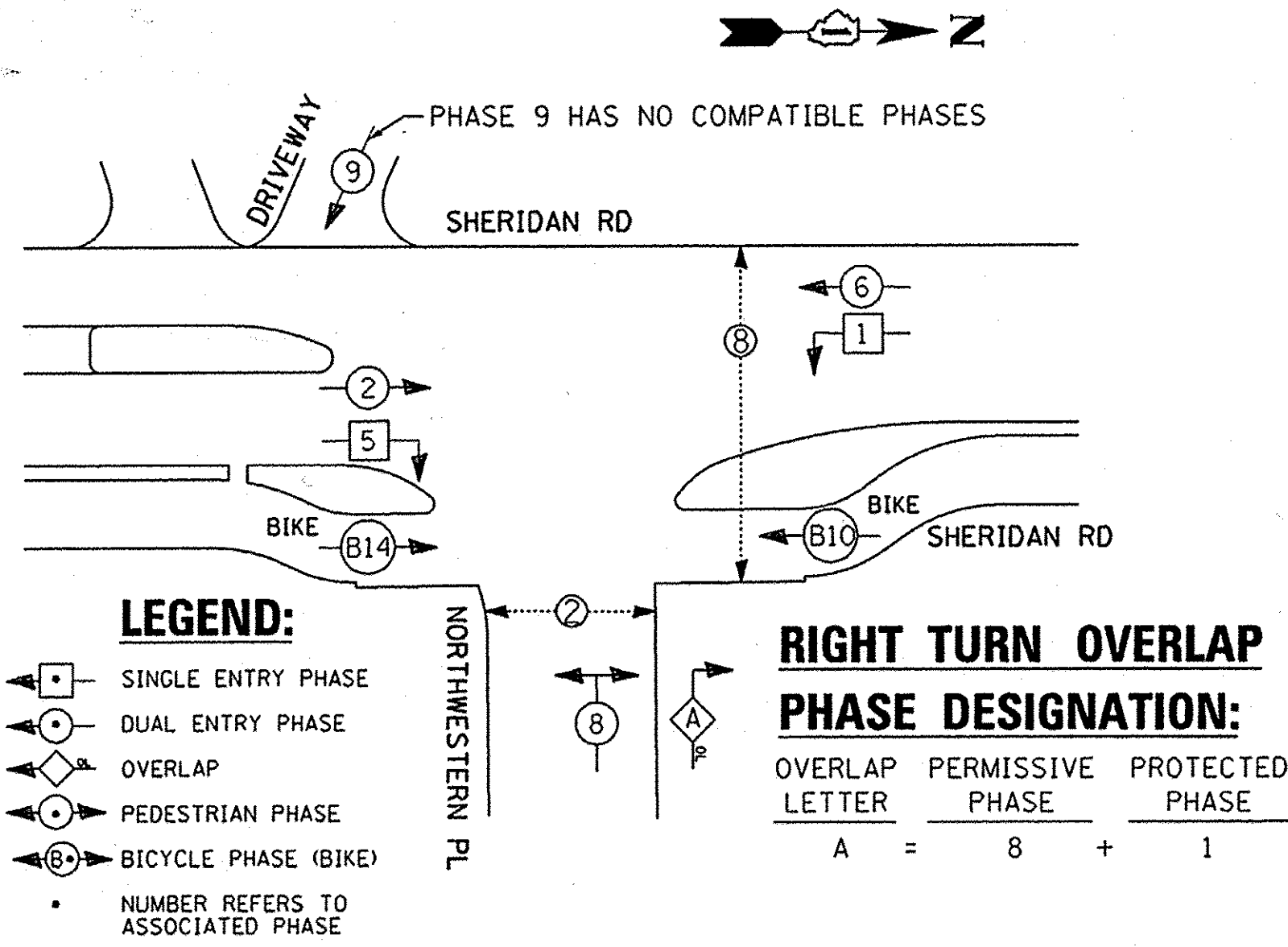


**EXISTING CABLE PLAN**  
(NOT TO SCALE)

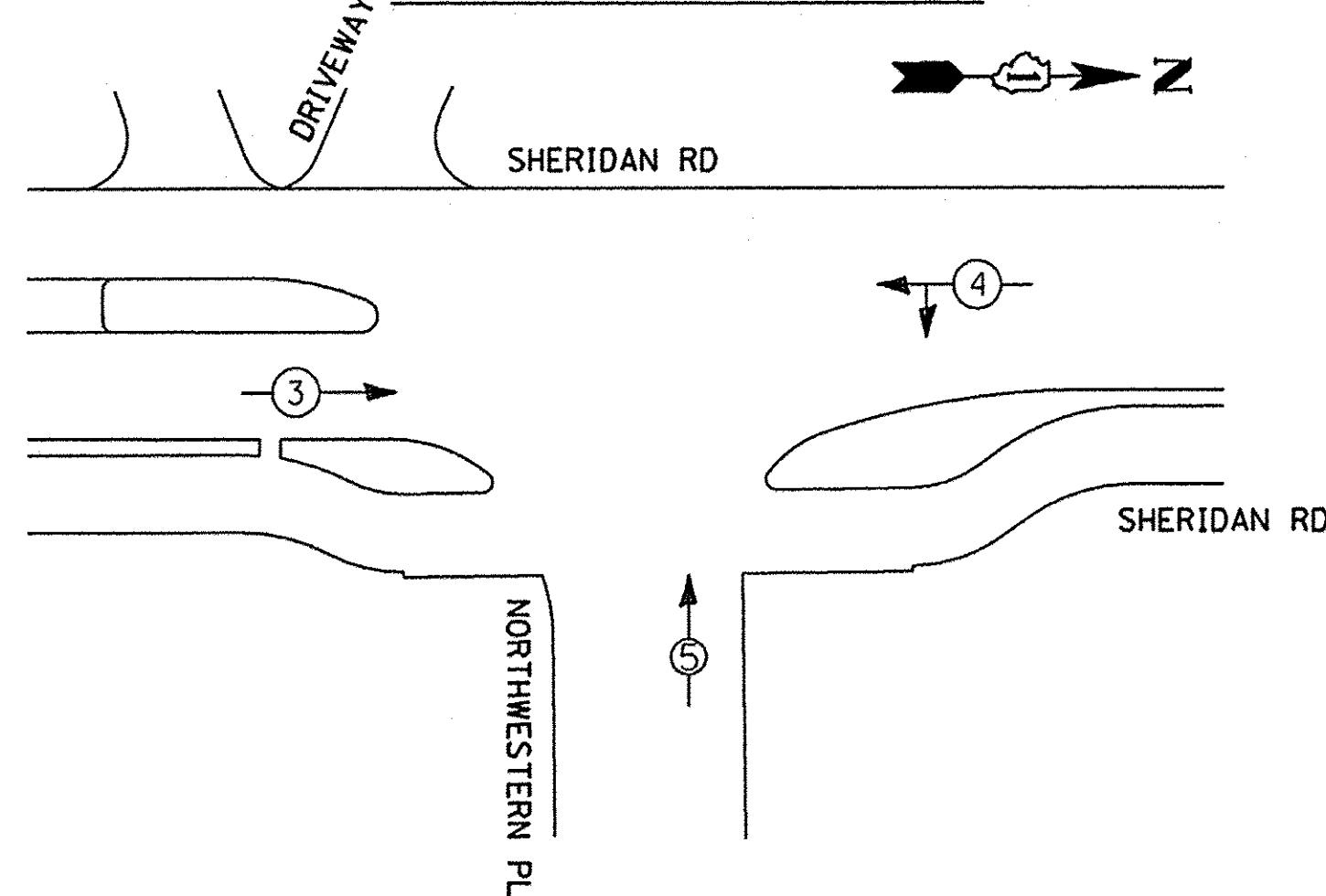
TS SHT NO. 36



**CONTROLLER SEQUENCE**



**EMERGENCY VEHICLE PREEMPTION SEQUENCE**



**TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	17	11	50	93.5
(YELLOW)	17	20	5	17.0
(GREEN)	17	12	45	91.8
PERMISSIVE ARROW	4	10	10	4.0
PED. SIGNAL	4	20	100	80.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
TOTAL =				411.3

ENERGY COSTS TO:

CITY OF EVANSTON

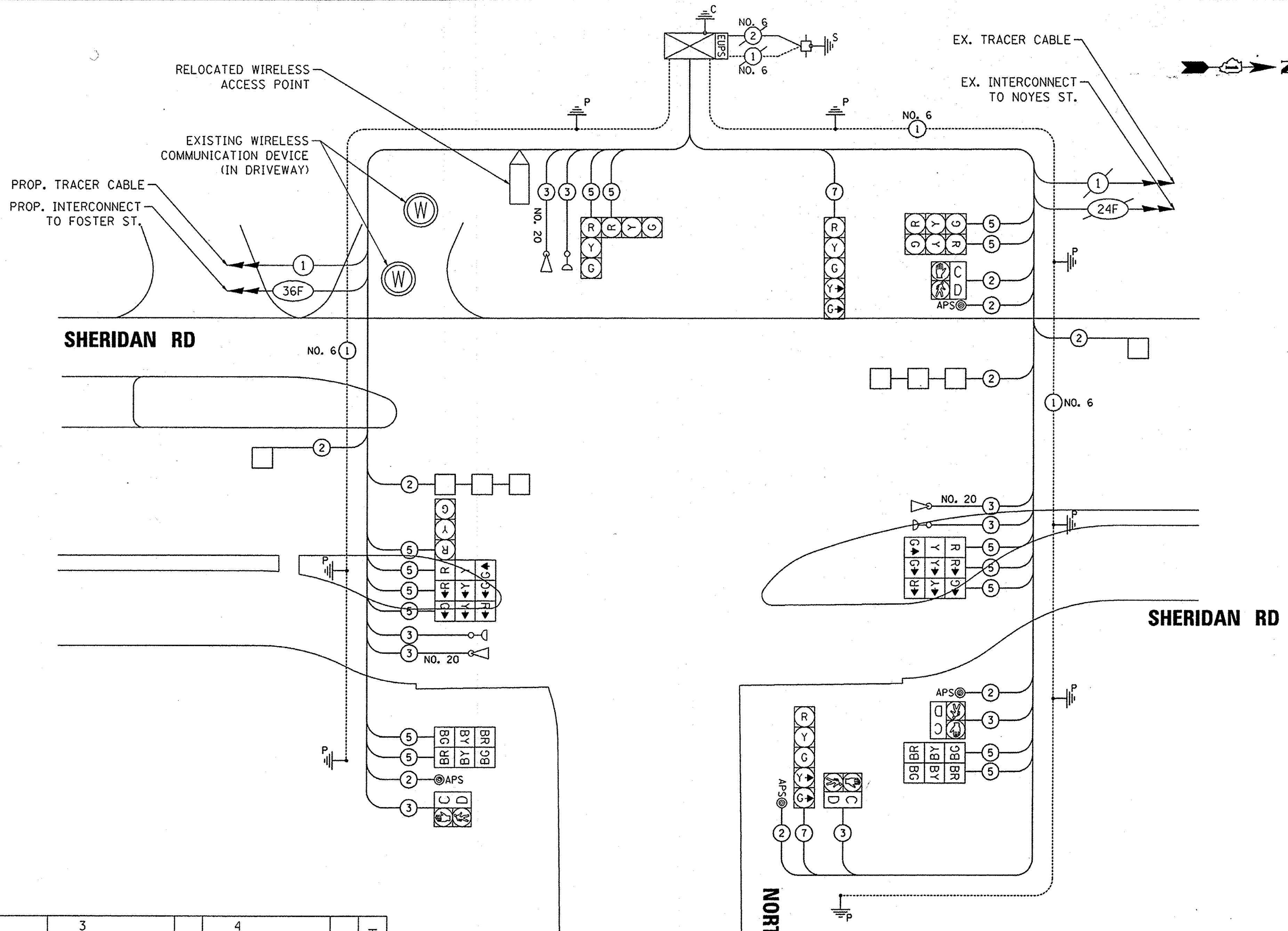
ENERGY SUPPLY: CONTACT: JOE STACHO  
 PHONE: (630) 424-5704  
 COMPANY: COMMONWEALTH EDISON  
 ACCOUNT NUMBER: ---

PHASE	1	2	3	4	CYCLE LENGTH					
GREEN TIME IN SECONDS	A.M. 7.0 P.M. 5.0	3.0	47.5 42.5	3.0	11.0 16.0	4.5 4.5	23.5 25.5	4.5 4.5	1.5 1.5	110 110

- NOTE:
- LPI = LEADING PEDESTRIAN INTERVAL
  - NB/SB ALL RED TIMES SHALL BE 4.5 SECONDS.
  - WB ALL RED TIMES SHALL BE 1.5 SECONDS.

**NOTES:**

- BICYCLE SIGNAL HEADS ARE SHOWN AS "→B" FOR SIGNAL PLAN AND AS "BIKE" FOR THE CABLE PLAN. THE SIGNAL HEAD IS A 3-SECTION, RED-YELLOW-GREEN SIGNAL HEAD WITH 12" LENSES DISPLAYING A BICYCLE.



**EXISTING CABLE PLAN**  
(NOT TO SCALE)

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CHICAGO AVE/SHERIDAN RD.: SHERIDAN RD. AT NORTHWESTERN PL.  
CABLE PLAN, PHASE DESIGNATION & EVP SEQUENCE

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2853	14-00273-00-BT	COOK	274	215

CONTRACT NO. 61D36  
ILLINOIS FED. AID PROJECT

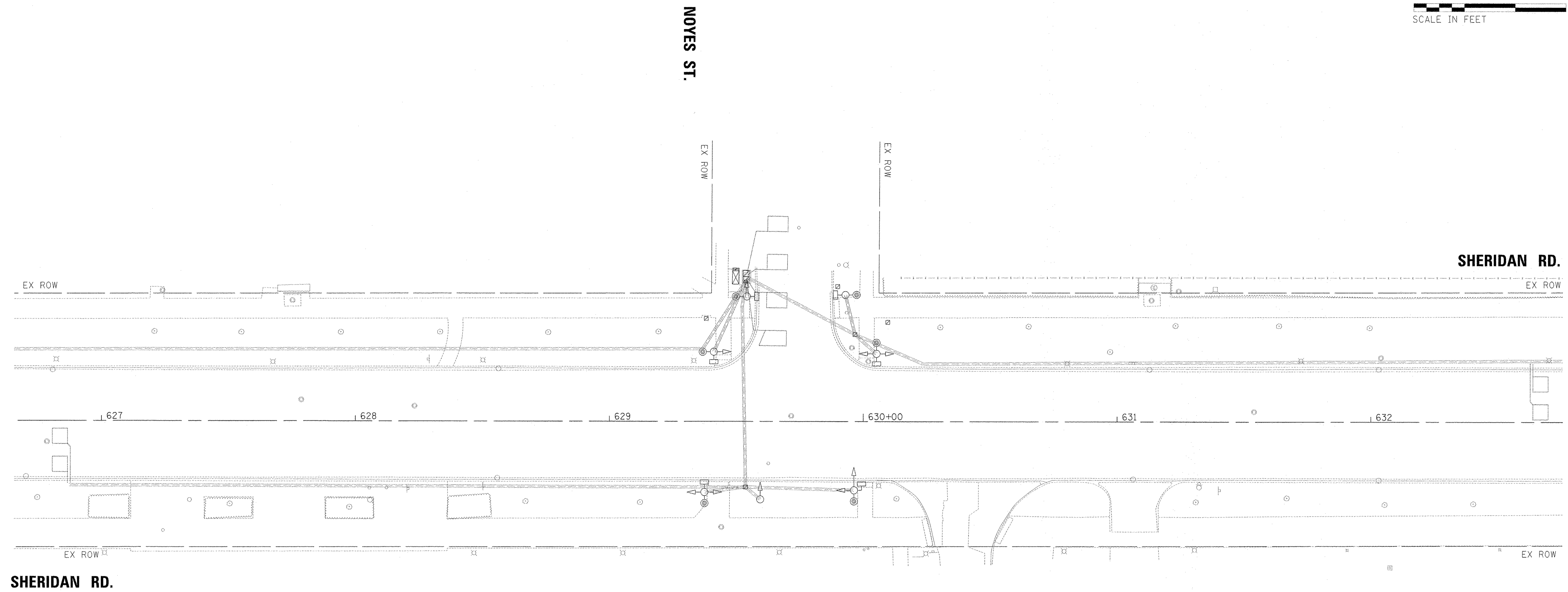
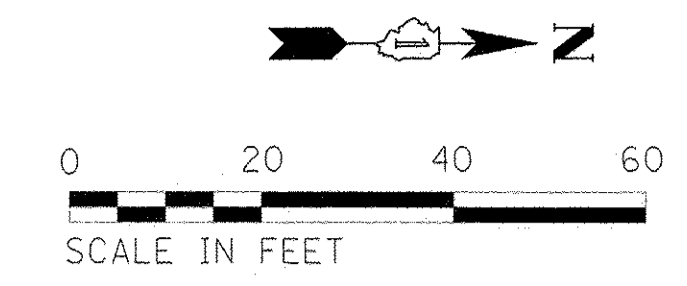
SCALE: NTS SHEET OF SHEETS STA. TO STA.

TS SHT NO. 38

FILE NAME	USER NAME	DESIGNED	REVISED
ts_sht_06-04_Sher-Northwestern_PR.dgn	m-richards	MBR	-
		DRAWN	MBR
		CHECKED	DAJ
		DATE	10/17/2016







SHERIDAN RD.

**FOR INFORMATION ONLY**

**NOTES:**

1. ALL TRAFFIC SIGNAL EQUIPMENT IS TO REMAIN AT THIS LOCATION. REVISED GEOMETRY SHOULD AVOID IMPACTS WITH THE TRAFFIC SIGNAL EQUIPMENT. THERE ARE NO REMOVALS AND NO NEW EQUIPMENT BEING ADDED.

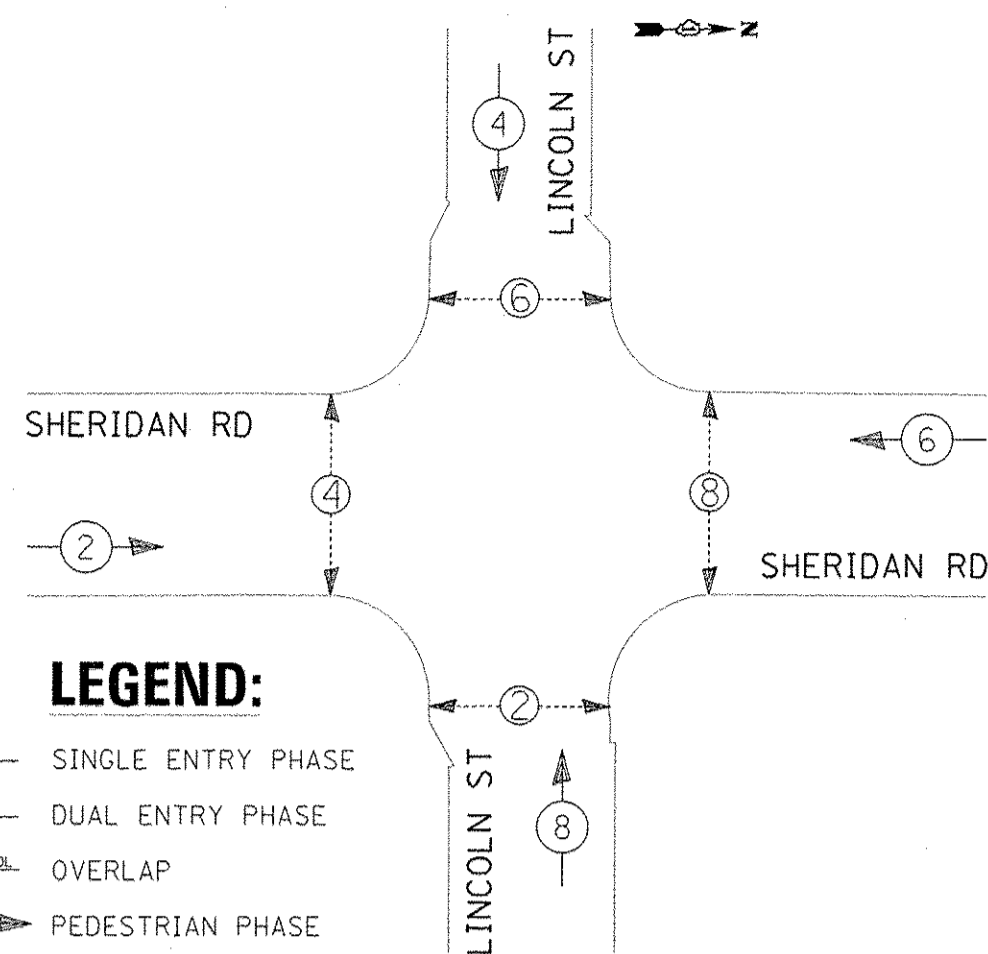
TS SHT NO. 40

FILE NAME = ts_sht_06-06_SherNoyes_EX.dgn	USER NAME = mrichard	DESIGNED - MBR	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CHICAGO AVE/SHERIDAN RD.: SHERIDAN RD. AT NOYES ST. EXISTING TRAFFIC SIGNAL INSTALIAION</b>	F.A.U. RTE. 2853	SECTION 14-00273-00-BT	COUNTY COOK	TOTAL SHEETS 274	SHEET NO. 217	
Default	PLOT SCALE = 20.0000 1/ in.	CHECKED - DAJ	REVISED -			SCALE: 1" = 20'	SHEET	OF	SHEETS	STA.	TO STA.
	PLOT DATE = 11/14/2016	DATE - 10/17/2016	REVISED -			CONTRACT NO. 61D36					
ILLINOIS FED. AID PROJECT											

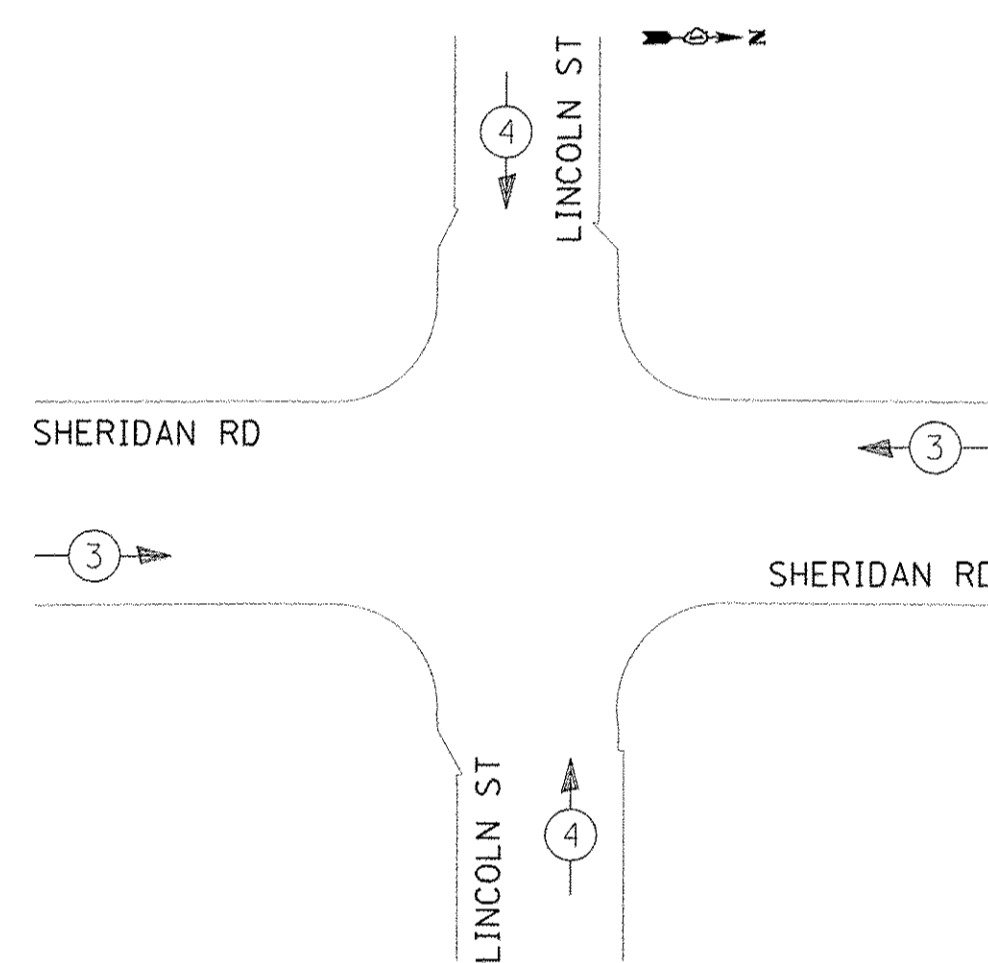




**EXISTING CONTROLLER SEQUENCE**



**EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE**



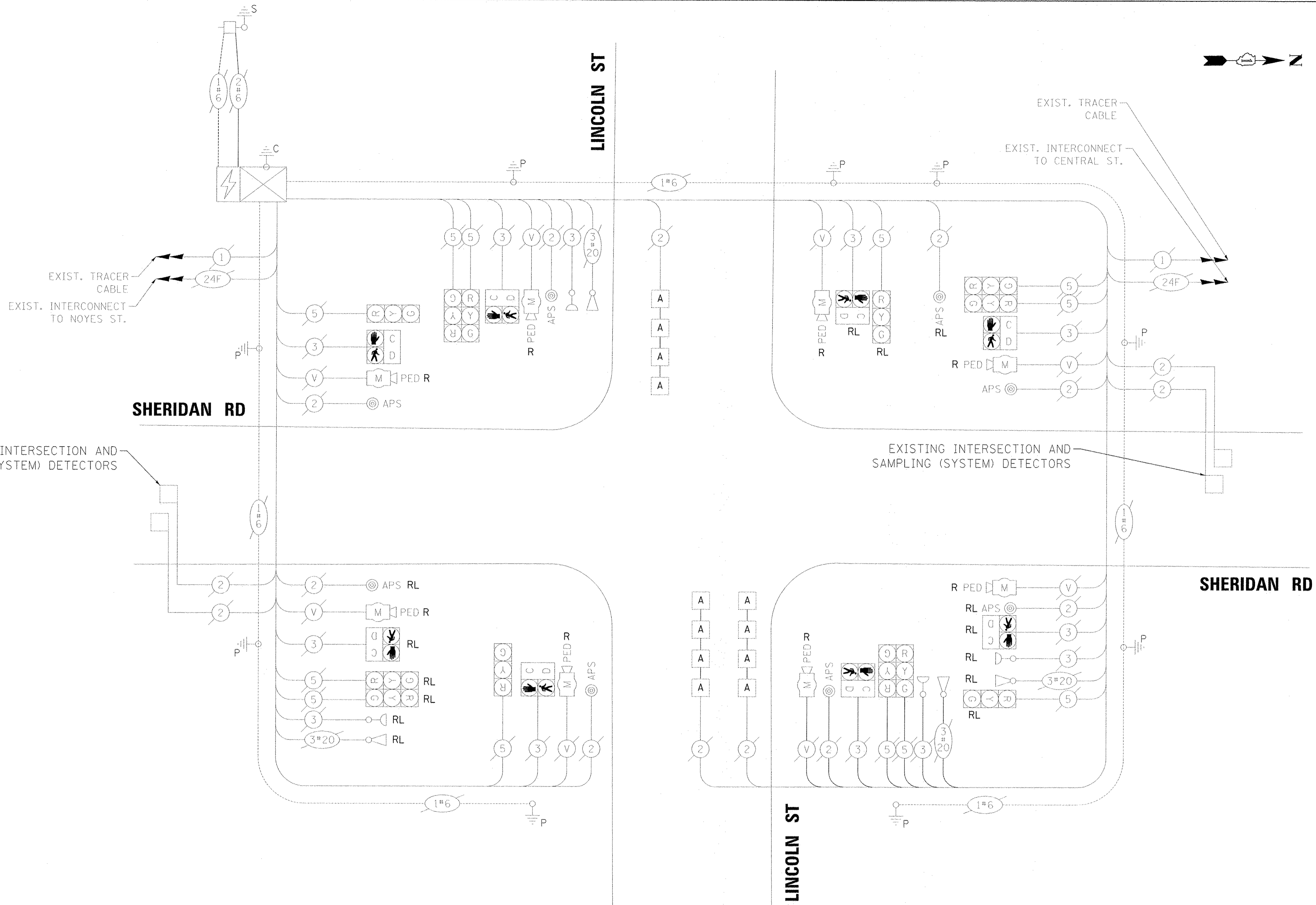
**TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	11	50	66.0
(YELLOW)	12	20	5	12.0
(GREEN)	12	12	45	64.8
PERMISSIVE ARROW	-	10	10	-
PED. SIGNAL	8	20	100	160.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
TOTAL =				427.8

ENERGY COSTS TO:

CITY OF EVANSTON

ENERGY SUPPLY: CONTACT: JOE STACHO  
 PHONE: (630) 424-5704  
 COMPANY: COMMONWEALTH EDISON  
 ACCOUNT NUMBER: ---



**EXISTING CABLE PLAN**  
(NOT TO SCALE)

TS SHT NO. 43

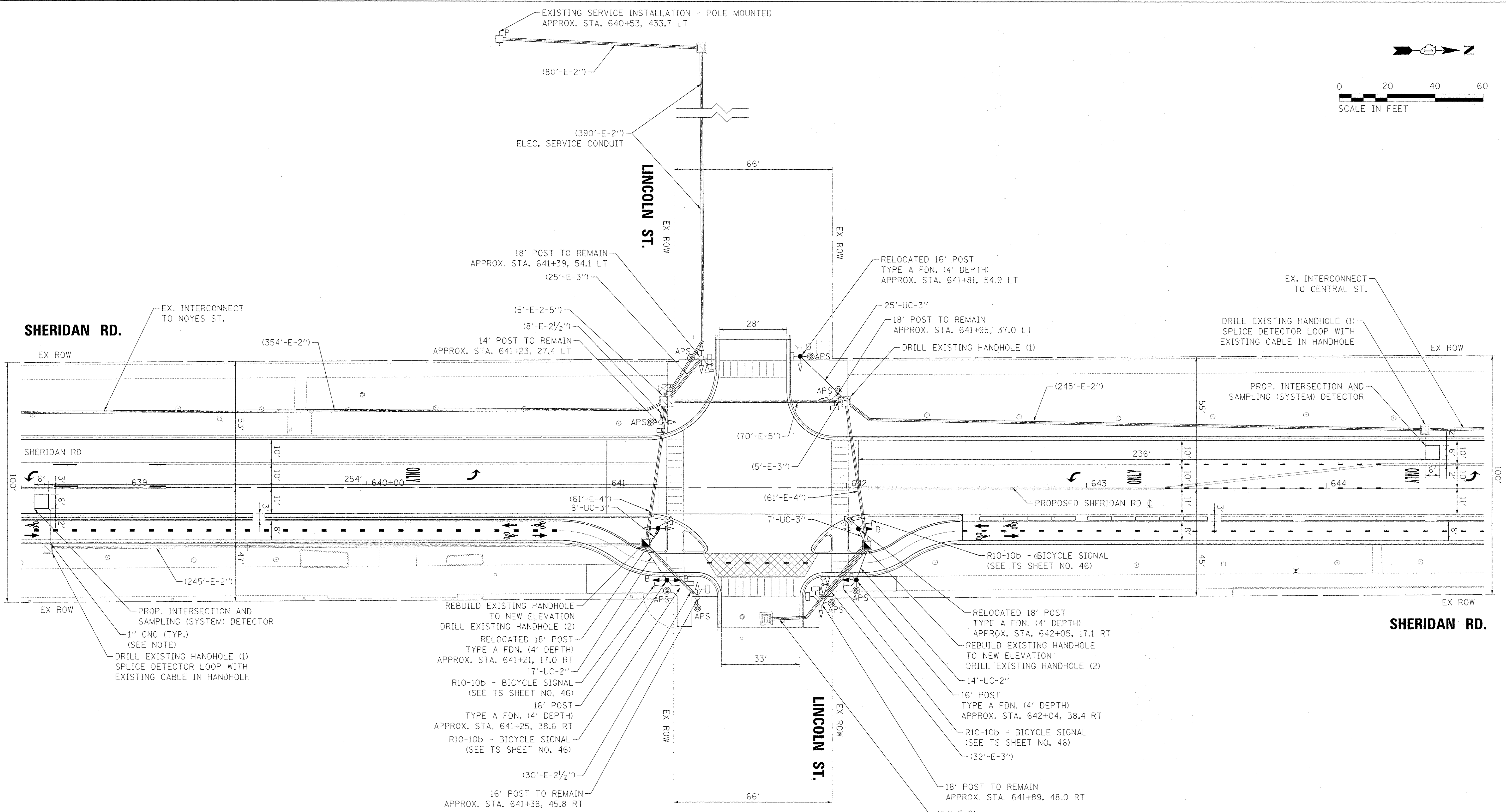
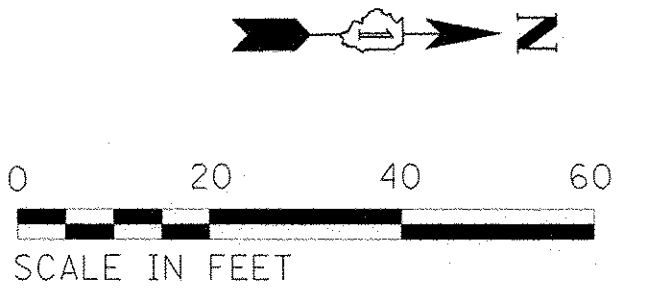
FILE NAME = ts_sht_08-02_SherLincoln_EX.dgn	USER NAME = mrichard	DESIGNED - MBR	REVISED -
Default	PLOT SCALE = 20.0000' / 1in.	DRAWN - MBR	REVISED -
	PLOT DATE = 11/14/2016	CHECKED - DAJ	REVISED -
		DATE - 10/17/2016	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CHICAGO AVE/SHERIDAN RD.: SHERIDAN RD. AT LINCOLN ST.  
EX. CABLE PLAN, EX. PHASE DESIGNATION & EX. EVP SEQUENCE**

SCALE: NTS SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. 2853	SECTION 14-00273-00-BT	COUNTY COOK	TOTAL SHEETS 274	SHEET NO. 220
			CONTRACT NO. 61D36	
ILLINOIS FED. AID PROJECT				



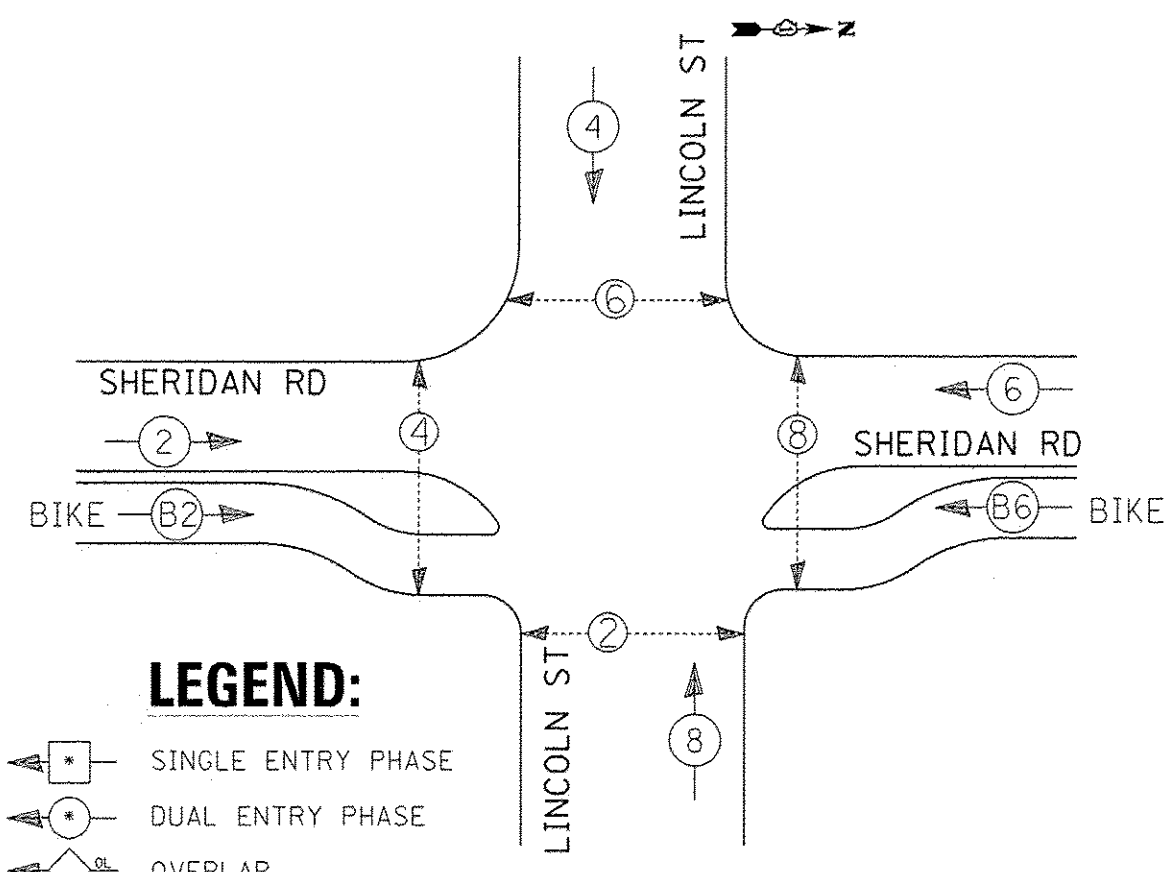
**NOTES:**

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
2. BICYCLE SIGNAL HEADS ARE SHOWN AS "→B" FOR SIGNAL PLAN AND AS "BIKE" FOR THE CABLE PLAN. THE SIGNAL HEAD IS A 3-SECTION, RED-YELLOW-GREEN SIGNAL HEAD WITH 12" LENSES DISPLAYING A BICYCLE.

TS SHT NO. 44

FILE NAME = ts_sht_08-03_SherLincoln_PR.dgn	USER NAME = mrichards	DESIGNED - MBR	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CHICAGO AVE/SHERIDAN RD.: SHERIDAN RD. AT LINCOLN ST. TRAFFIC SIGNAL PLAN</b>			F.A.U. RTE. 2853	SECTION 14-00273-00-BT	COUNTY COOK	TOTAL SHEETS 274	SHEET NO. 221
Default	PLOT SCALE = 20.0000 1/ in.	DRAWN - MBR	REVISED -		SCALE: 1" = 20'	SHEET	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 61D36	
	PLOT DATE = 11/14/2016	CHECKED - DAJ	REVISED -								ILLINOIS FED. AID PROJECT	
		DATE - 10/17/2016	REVISED -									

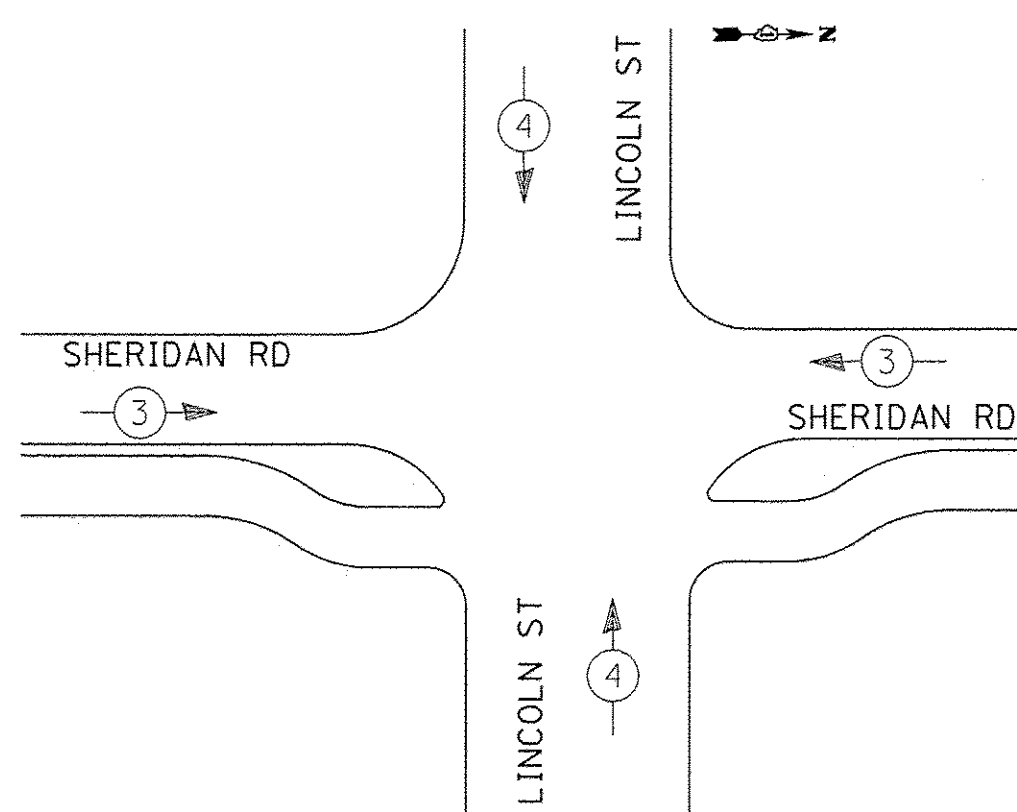
**CONTROLLER SEQUENCE**



**LEGEND:**

- ◻ SINGLE ENTRY PHASE
- ◻ DUAL ENTRY PHASE
- ◻ OVERLAP
- ◻ PEDESTRIAN PHASE
- ◻ BICYCLE PHASE (BIKE)
- NUMBER REFERS TO ASSOCIATED PHASE

**EMERGENCY VEHICLE  
PREEMPTION SEQUENCE**



**TRAFFIC SIGNAL  
ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	16	11	50	88.0
(YELLOW)	16	20	5	16.0
(GREEN)	16	12	45	86.4
PERMISSIVE ARROW	-	10	10	-
PED. SIGNAL	8	20	100	160.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
<b>TOTAL =</b>				<b>475.4</b>

ENERGY COSTS TO:

CITY OF EVANSTON

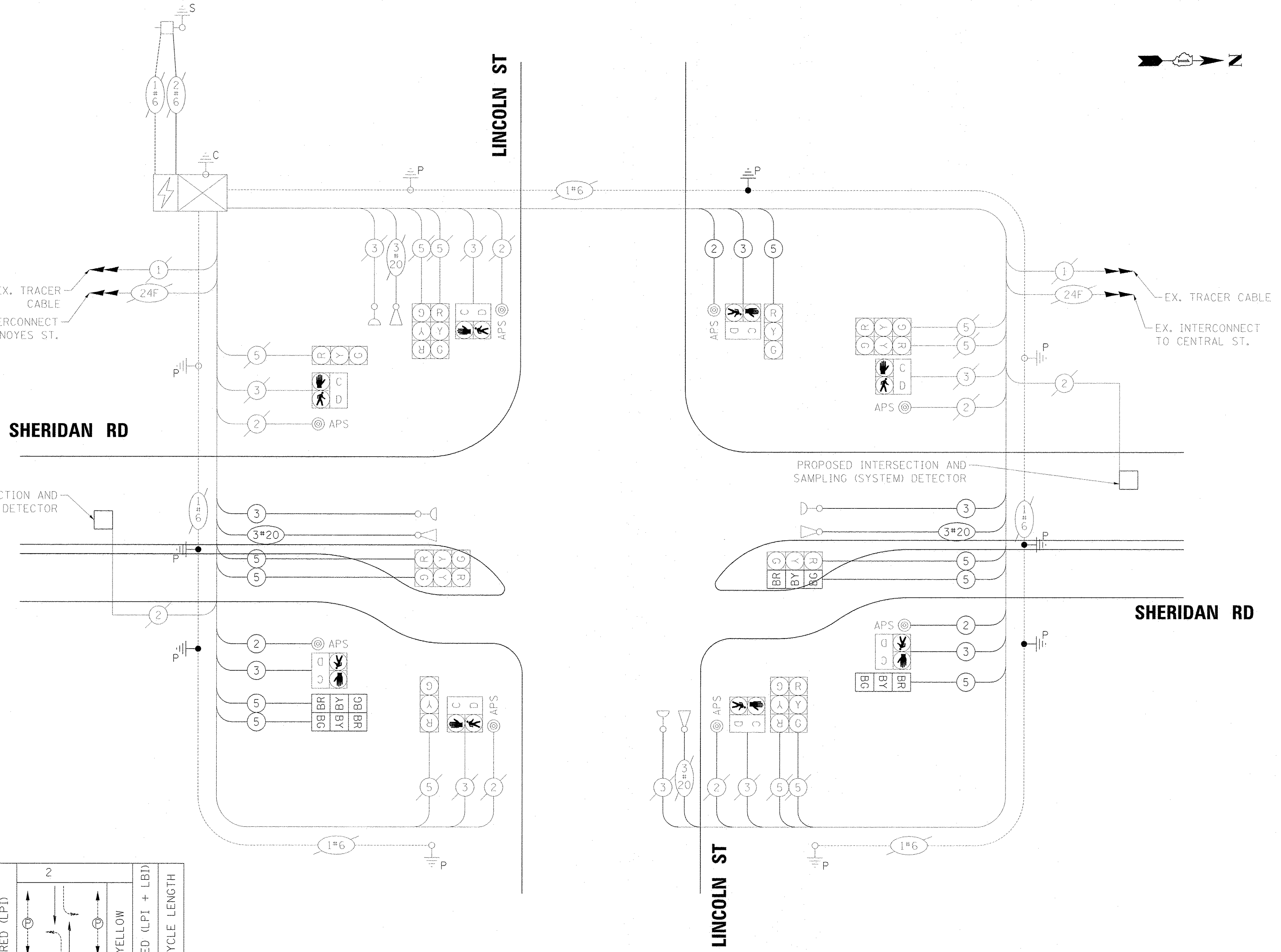
ENERGY SUPPLY: CONTACT: JOE STACHO  
 PHONE: (630) 424-5704  
 COMPANY: COMMONWEALTH EDISON  
 ACCOUNT NUMBER: ---

PHASE	1		2		CYCLE LENGTH
	GREEN TIME IN SECONDS	YELLOW	RED (LPI)	YELLOW	
A.M.	77.0	4.5	4.5	15.0	4.5
P.M.	64.0	4.5	4.5	28.0	4.5
					RED (LPI + LBI)
					110

- NOTE:
- LPI = LEADING PEDESTRIAN INTERVAL
  - LBI = LEADING BICYCLE INTERVAL
  - ALL RED TIMES SHALL BE 4.5 SECONDS.

**NOTES:**

- BICYCLE SIGNAL HEADS ARE SHOWN AS "→B" FOR SIGNAL PLAN AND AS "BIKE" FOR THE CABLE PLAN. THE SIGNAL HEAD IS A 3-SECTION, RED-YELLOW-GREEN SIGNAL HEAD WITH 12" LENSES DISPLAYING A BICYCLE.



**PROPOSED CABLE PLAN**  
(NOT TO SCALE)

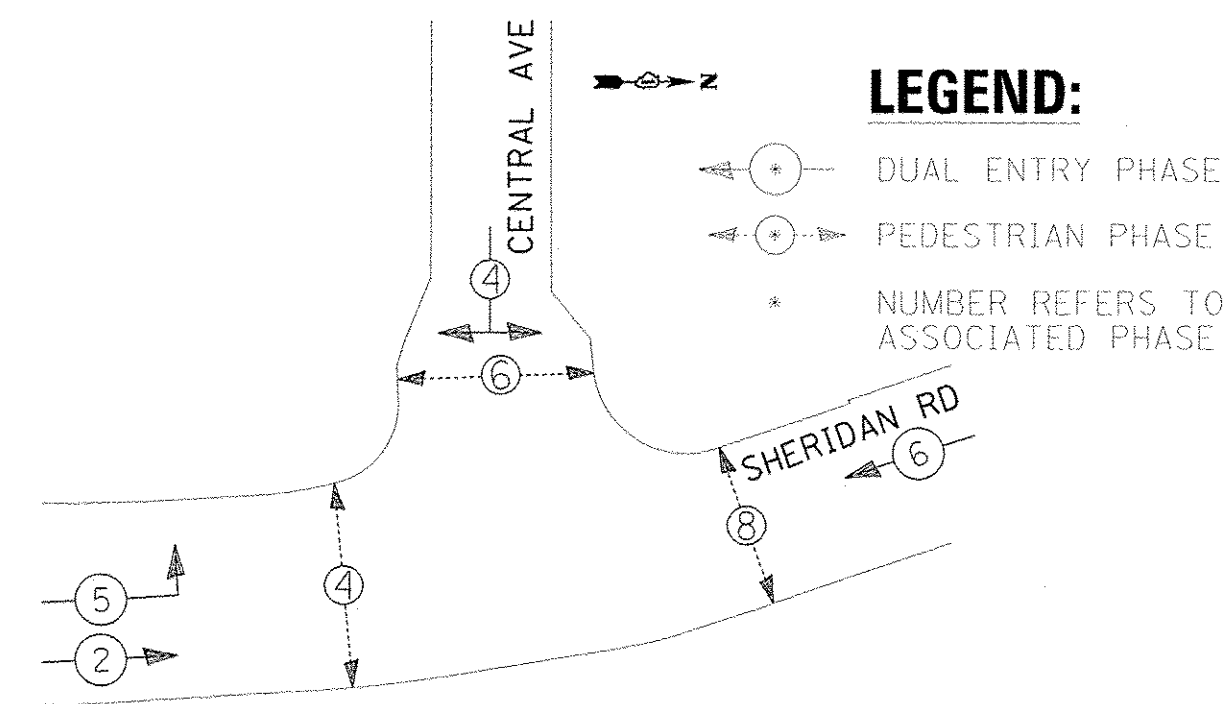
TS SHT NO. 45



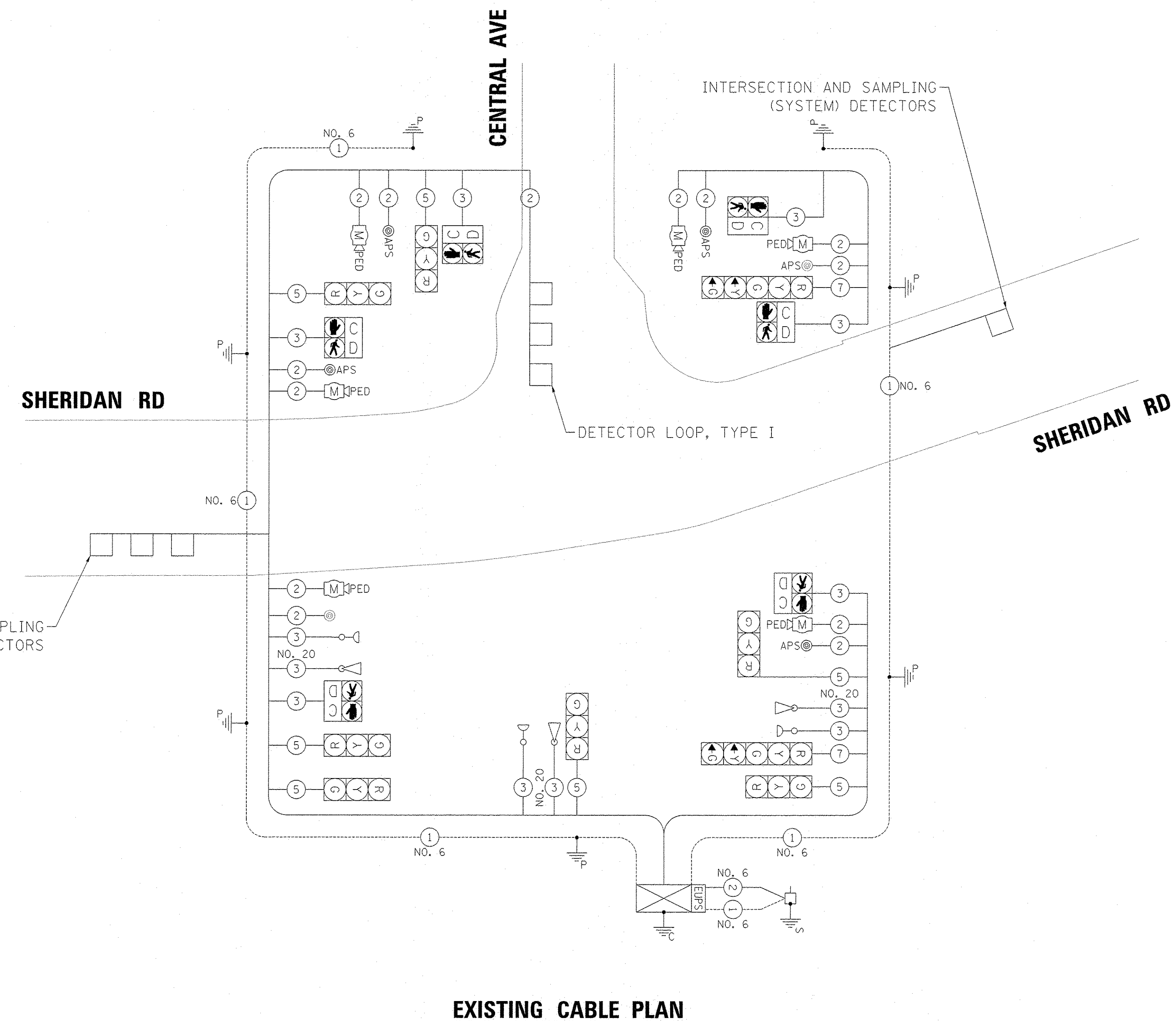
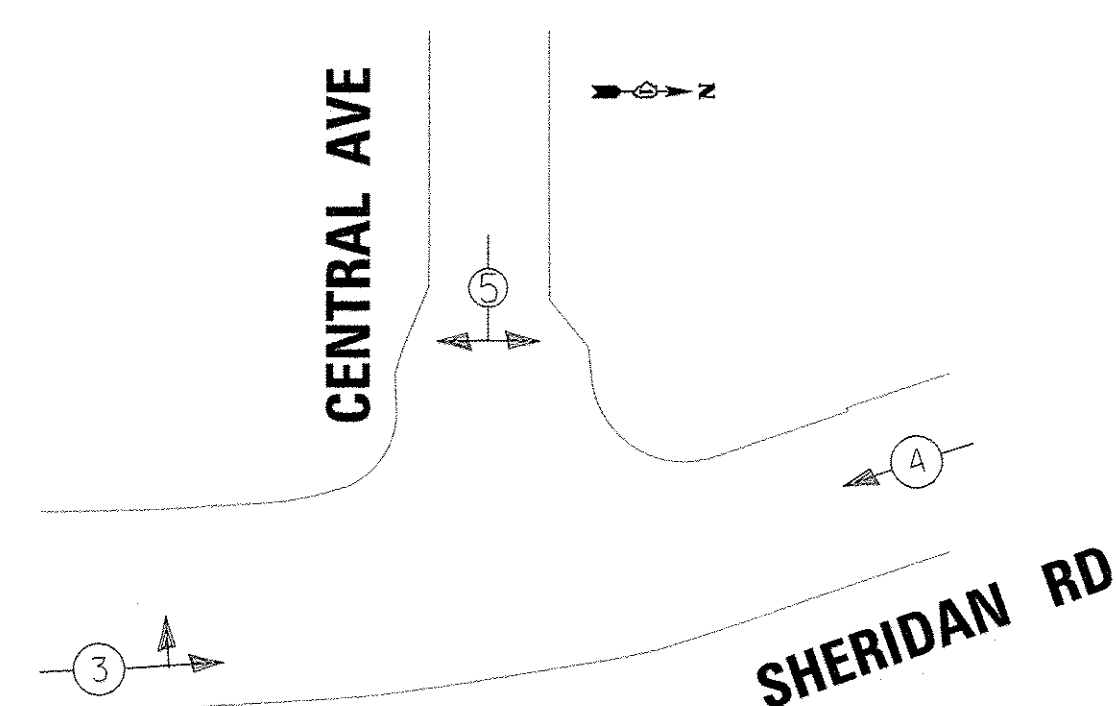




**EXISTING CONTROLLER SEQUENCE**



**EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE**



**EXISTING CABLE PLAN**

**FOR INFORMATION ONLY**

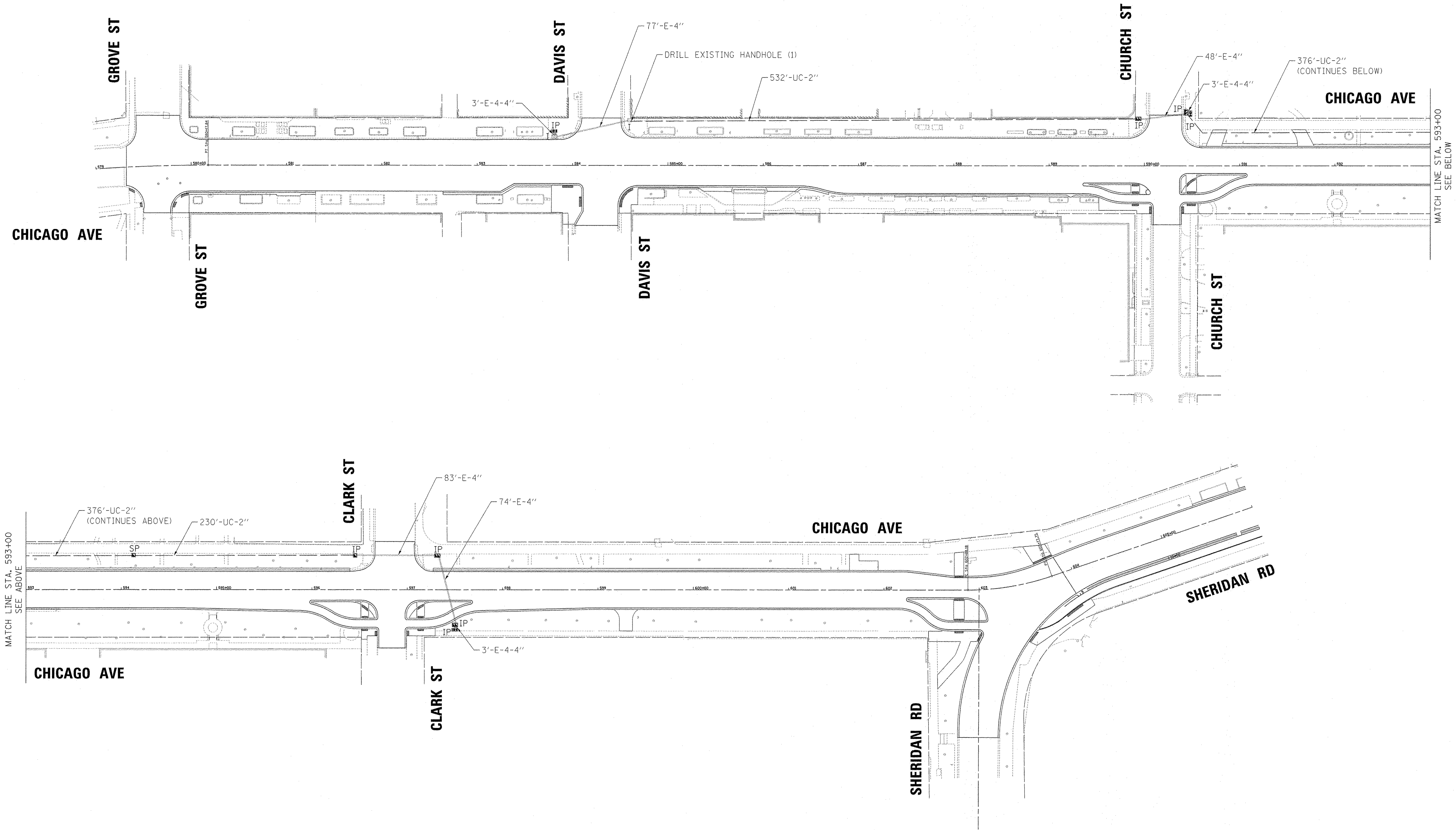
**TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	9	11	50	49.5
(YELLOW)	9	20	5	9.0
(GREEN)	9	12	45	48.6
PERMISSIVE ARROW	4	10	10	4.0
PED. SIGNAL	6	20	100	120.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
<b>TOTAL =</b>				<b>356.1</b>

ENERGY COSTS TO:  
 CITY OF EVANSTON

ENERGY SUPPLY: CONTACT: JOE STACHO  
 PHONE: (630) 424-5704  
 COMPANY: COMMONWEALTH EDISON  
 ACCOUNT NUMBER: ---

TS SHT NO. 48



FILE NAME =	ts_sht.INT_01-01.Chi.Proposed.dgn
Default	

USER NAME =	mrichard
PLOT SCALE =	50.0000' / 1" =
PLOT DATE =	11/14/2016

DESIGNED -	MBR
DRAWN -	MBR
CHECKED -	DAJ
DATE -	10/17/2016

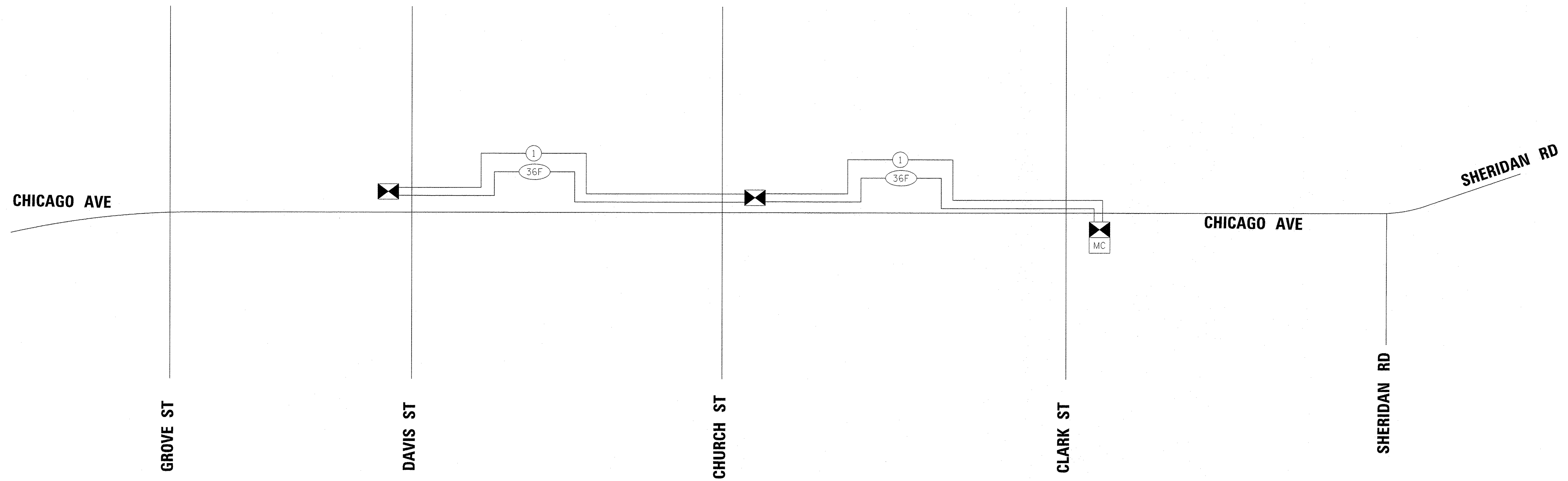
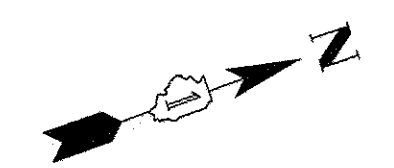
REVISED -	
REVISED -	
REVISED -	
REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CHICAGO AVE/SHERIDAN RD.: CHICAGO AVENUE  
PROPOSED INTERCONNECT PLAN**

SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

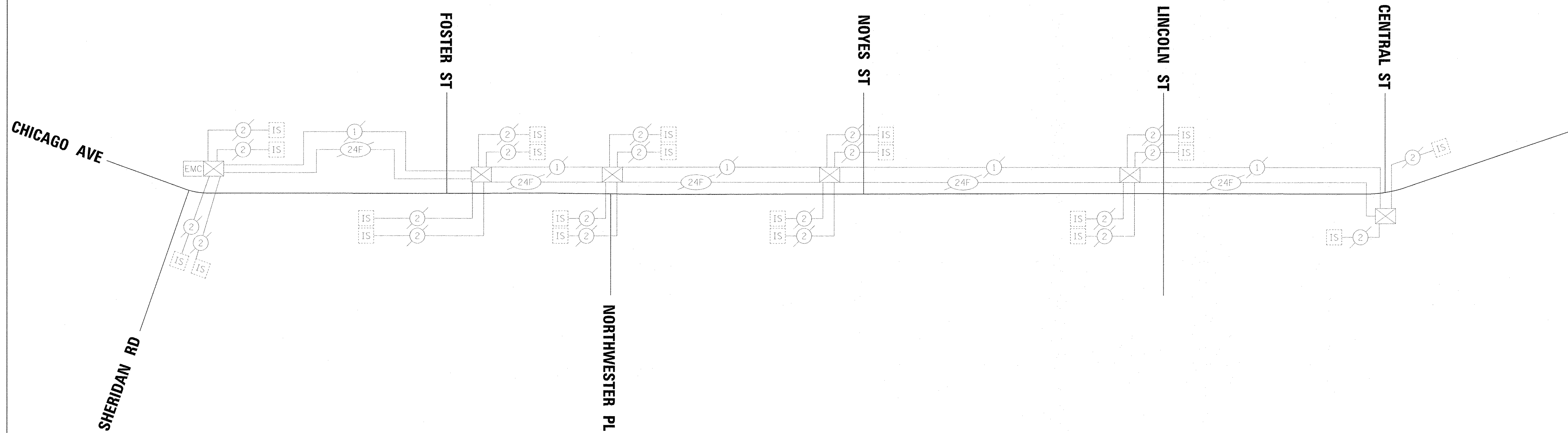
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2853	14-00273-00-BT	COOK	274	226
CONTRACT NO.			61D36	
[ILLINOIS] FED. AID PROJECT				



**SCHEDULE OF QUANTITIES**

ITEM DESCRIPTION	UNITS	TOTAL QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1138
HANDHOLE	EACH	1
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	3
TRANSCEIVER - FIBER OPTIC	EACH	3
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	1587
DRILL EXISTING HANDHOLE	EACH	1
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	1548
OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1

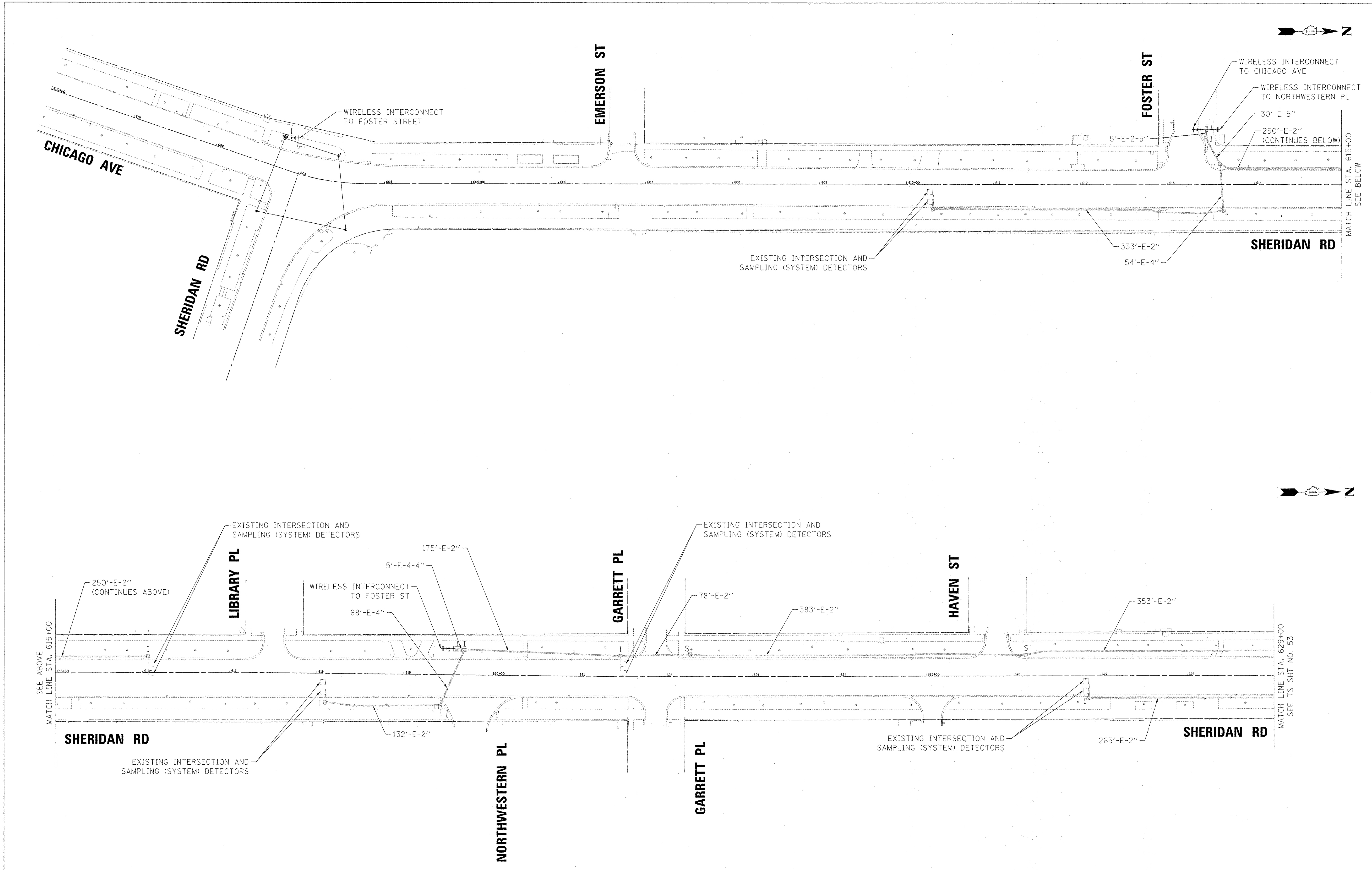
TS SHT NO. 50



TS SHT NO. 51

FILE NAME = ts_sht.INT_02-01.Sher_Ex_SCH.dgn	USER NAME = mertschard	DESIGNED - MBR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CHICAGO AVE/SHERIDAN RD.: SHERIDAN ROAD EXISTING INTERCONNECT SCHEMATIC	F.A.U. RTE. 2853	SECTION 14-00273-00-BT	COUNTY COOK	TOTAL SHEETS 274	SHEET NO. 228
	PLOT SCALE = 50.0000' / 1" in.	CHECKED - DAJ	REVISED -			SCALE: NTS	SHEET OF SHEETS	STA. TO STA.	CONTRACT NO. 61D36	
Default	PLOT DATE = 11/14/2016	DATE - 10/17/2016	REVISED -			ILLINOIS FED. AID PROJECT				

TS SHT NO. 52



FILE NAME = ts\_sht.INT\_02-Sher\_Temp.dgn  
 Default

USER NAME = mrichards  
 PLOT SCALE = 50.0000' / 1" / 1" / 1"  
 PLOT DATE = 11/14/2016

DESIGNED - MBR  
 DRAWN - MBR  
 CHECKED - DAJ  
 DATE - 10/17/2016

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

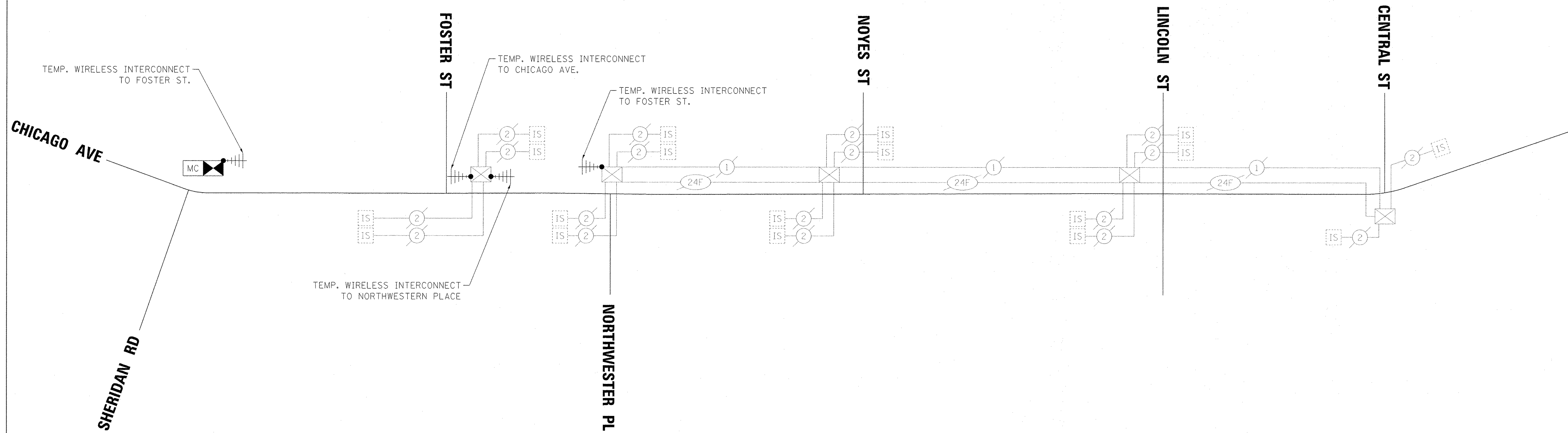
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CHICAGO AVE/SHERIDAN RD.: SHERIDAN ROAD  
 TEMPORARY INTERCONNECT PLAN (SHEET 1 OF 2)**

SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2853	14-00273-00-BT	COOK	274	229
CONTRACT NO. 61D36			ILLINOIS FED. AID PROJECT	

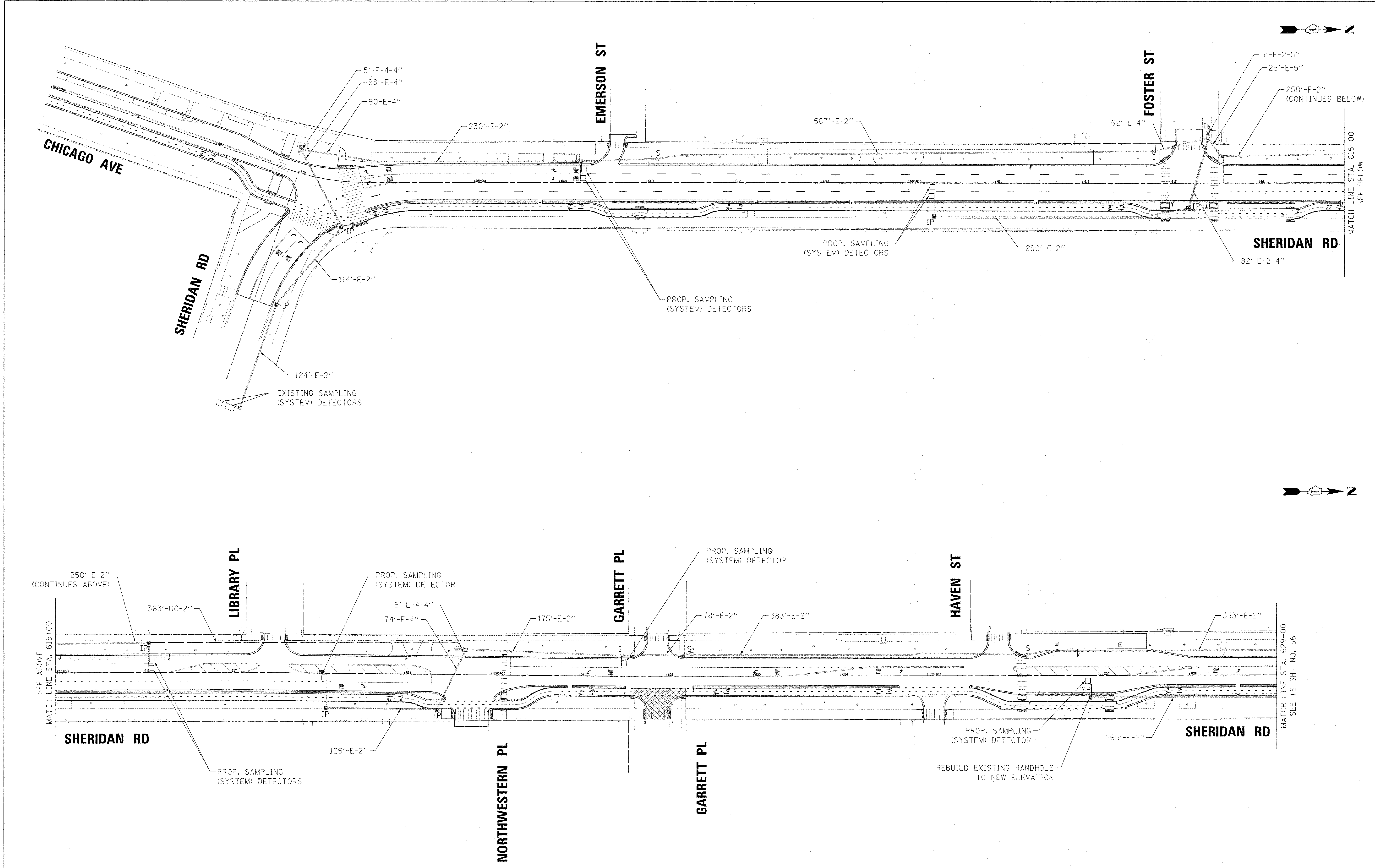




TS SHT NO. 54

FILE NAME = ts_sht_INT_02-04_Sher_Temp_SCH.dgn	USER NAME = mrichard	DESIGNED - MBR	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CHICAGO AVE/SHERIDAN RD.: SHERIDAN ROAD TEMPORARY INTERCONNECT SCHEMATIC</b>		F.A.U. RTE. 2853	SECTION 14-00273-00-BT	COUNTY COOK	TOTAL SHEETS 274	SHEET NO. 231
Default	PLOT SCALE = 50.00000 ' / in.	CHECKED - DAJ	REVISED -		SCALE: NTS	SHEET OF SHEETS	STA. TO STA.	CONTRACT NO. 61D36		ILLINOIS FED. AID PROJECT	
	PLOT DATE = 11/14/2016	DATE - 10/17/2016	REVISED -								

TS SHT NO. 55



FILE NAME = ts\_sht\_INT\_02-05\_Sher\_Proposed.dgn  
 PLOT SCALE = 50.00000' / in.  
 PLOT DATE = 11/14/2016

USER NAME = mitchard  
 DESIGNED - MBR  
 DRAWN - MBR  
 CHECKED - DAJ  
 DATE - 10/17/2016

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

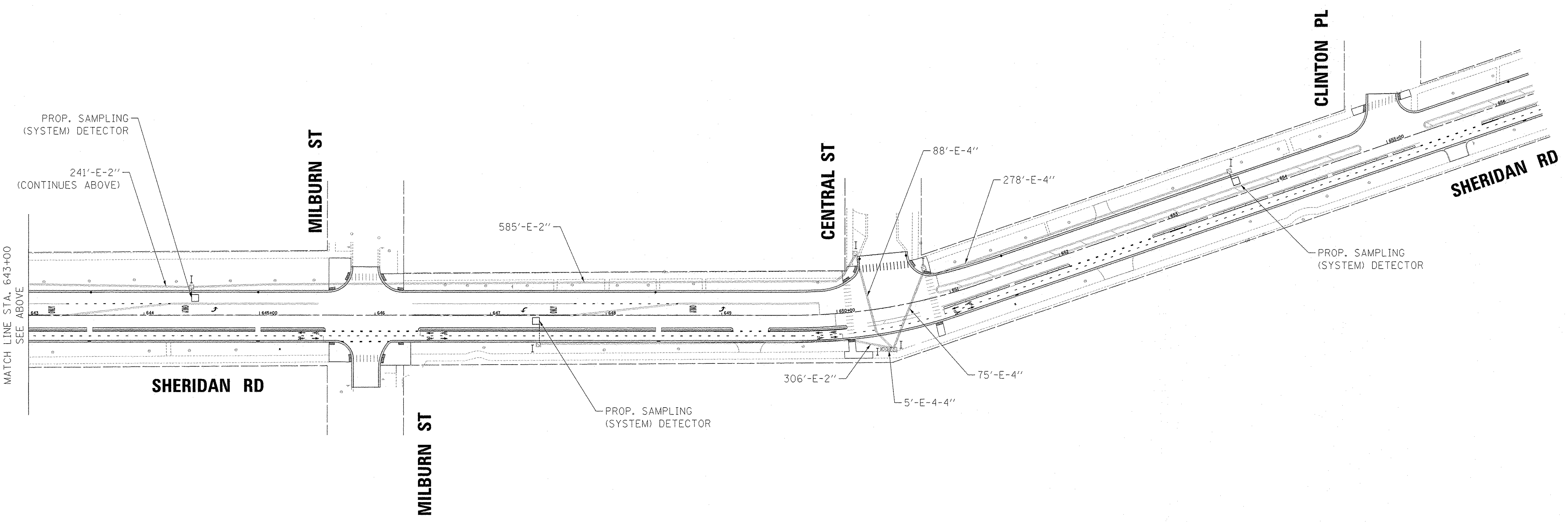
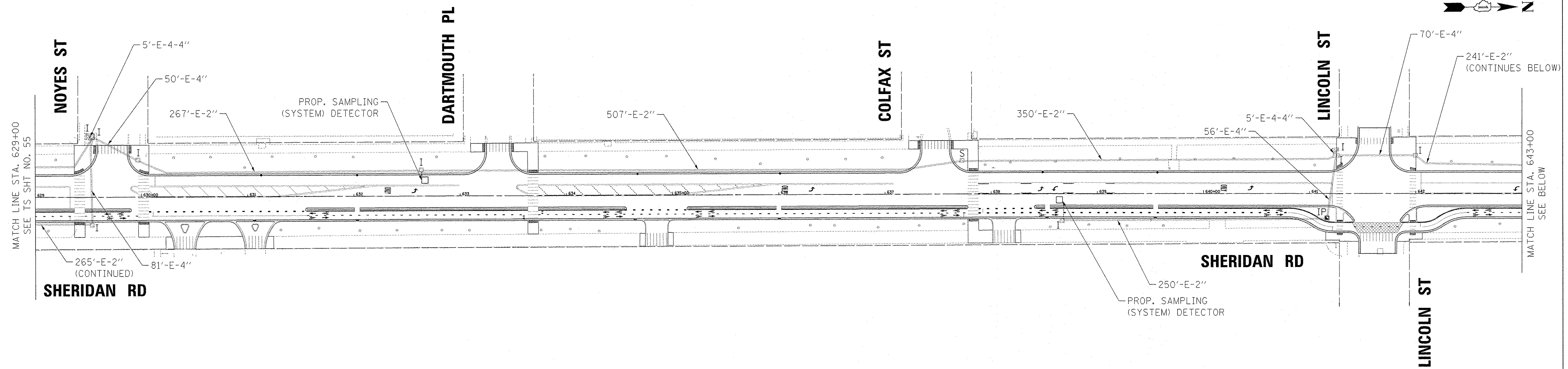
**CHICAGO AVE/SHERIDAN RD.: SHERIDAN ROAD  
 PROPOSED INTERCONNECT PLAN (SHEET 1 OF 2)**

SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2853	14-00273-00-BT	COOK	274	232
				CONTRACT NO. 61D36
ILLINOIS FED. AID PROJECT				



TS SHT NO. 56



FILE NAME = ts\_sht\_INT\_02-06\_Sher\_Proposed.dgn

USER NAME = mrichardt  
 PLOT SCALE = 50.0000' / 1in.  
 PLOT DATE = 11/14/2016

DESIGNED - MBR  
 DRAWN - MBR  
 CHECKED - DAJ  
 DATE - 10/17/2016

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

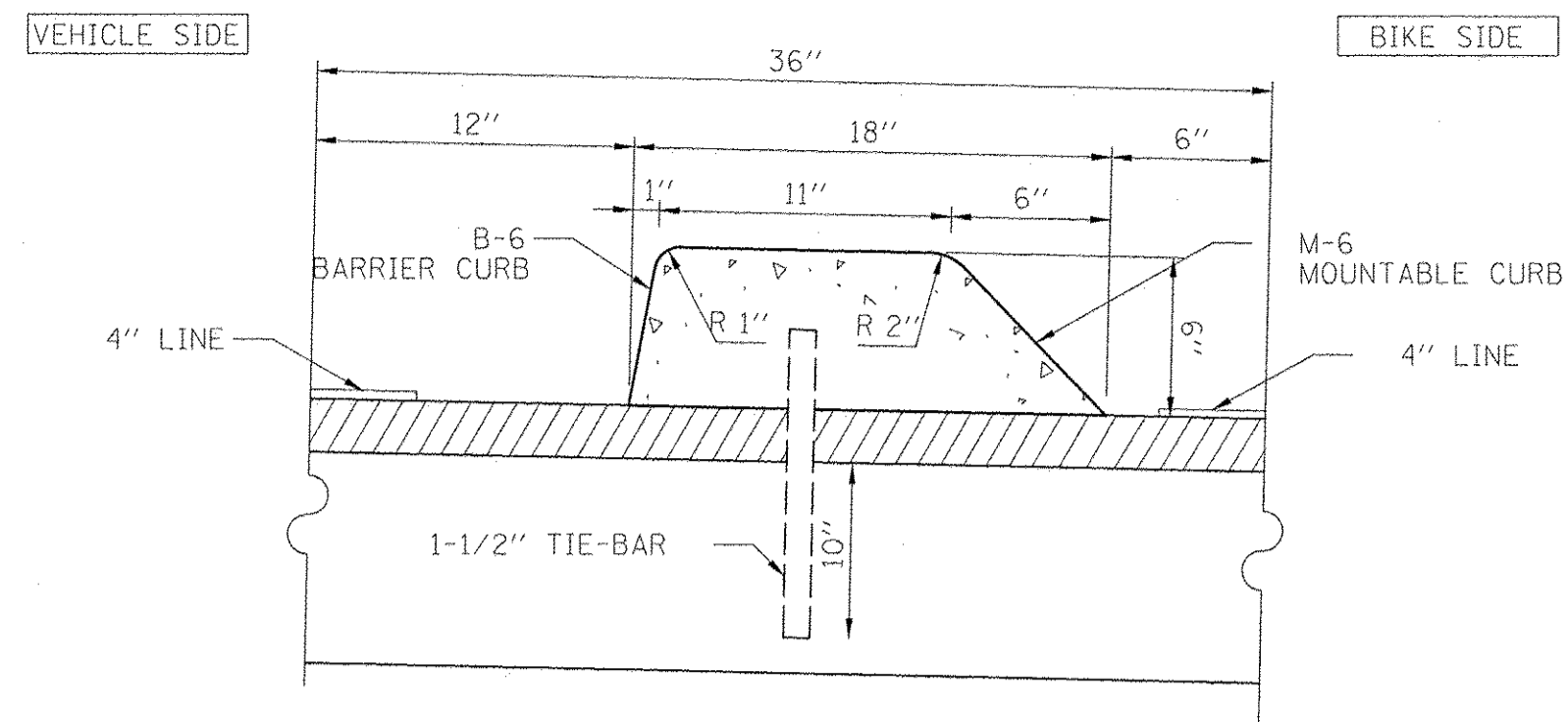
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CHICAGO AVE/SHERIDAN RD: SHERIDAN ROAD  
 PROPOSED INTERCONNECT PLAN (SHEET 2 OF 2)

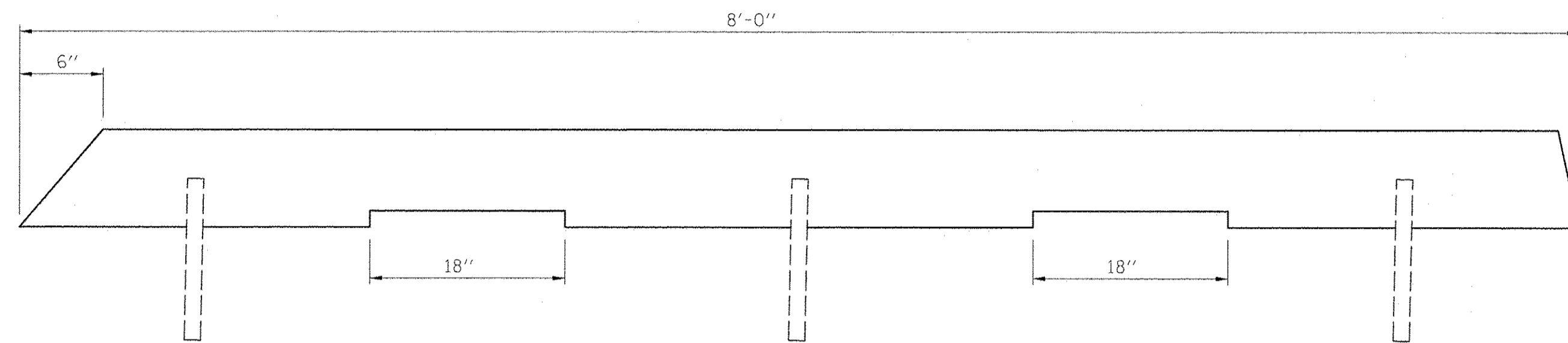
SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. 2853	SECTION 14-00273-00-BT	COUNTY COOK	TOTAL SHEETS 274	SHEET NO. 233
CONTRACT NO. 61D36			ILLINOIS FED. AID PROJECT	

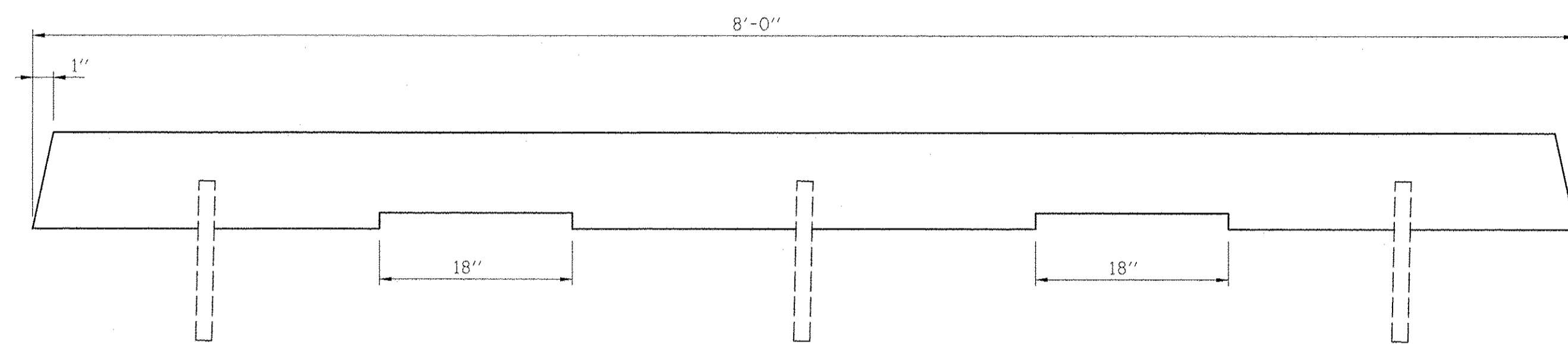




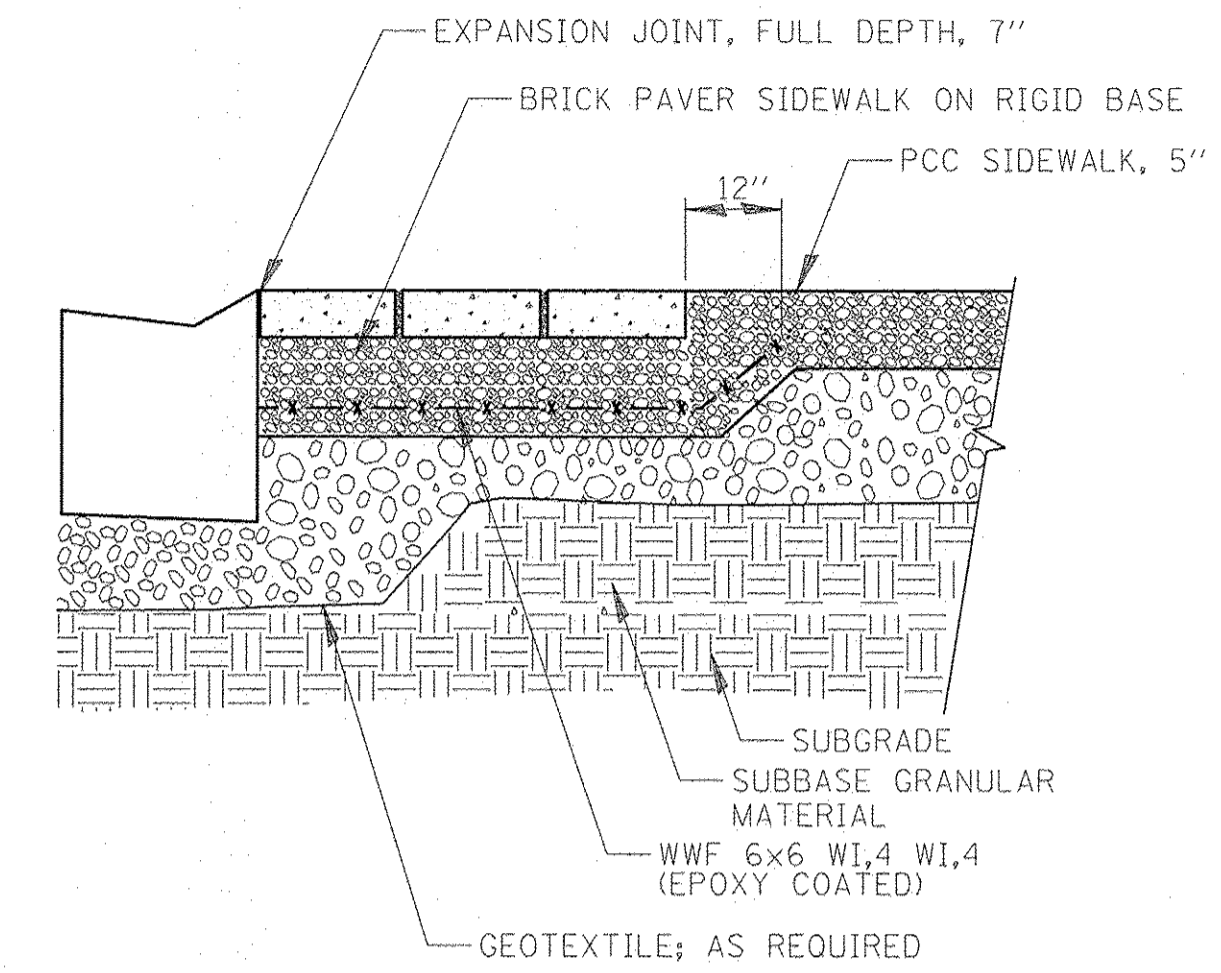
**SECTION**



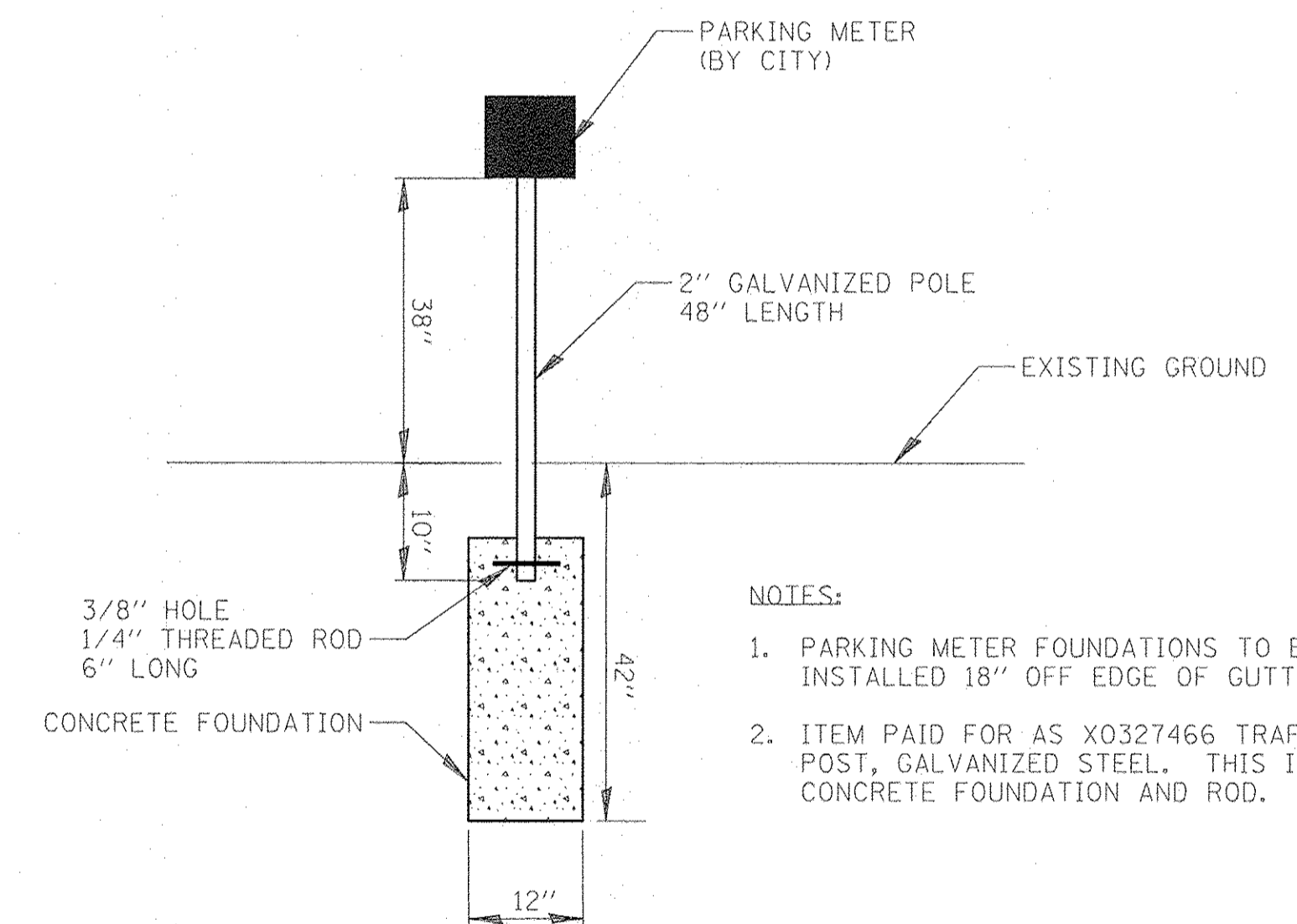
**END SECTION ELEVATION**



**TYPICAL SECTION ELEVATION  
PRECAST CONCRETE MEDIAN**



**BRICK SIDEWALK DETAIL**

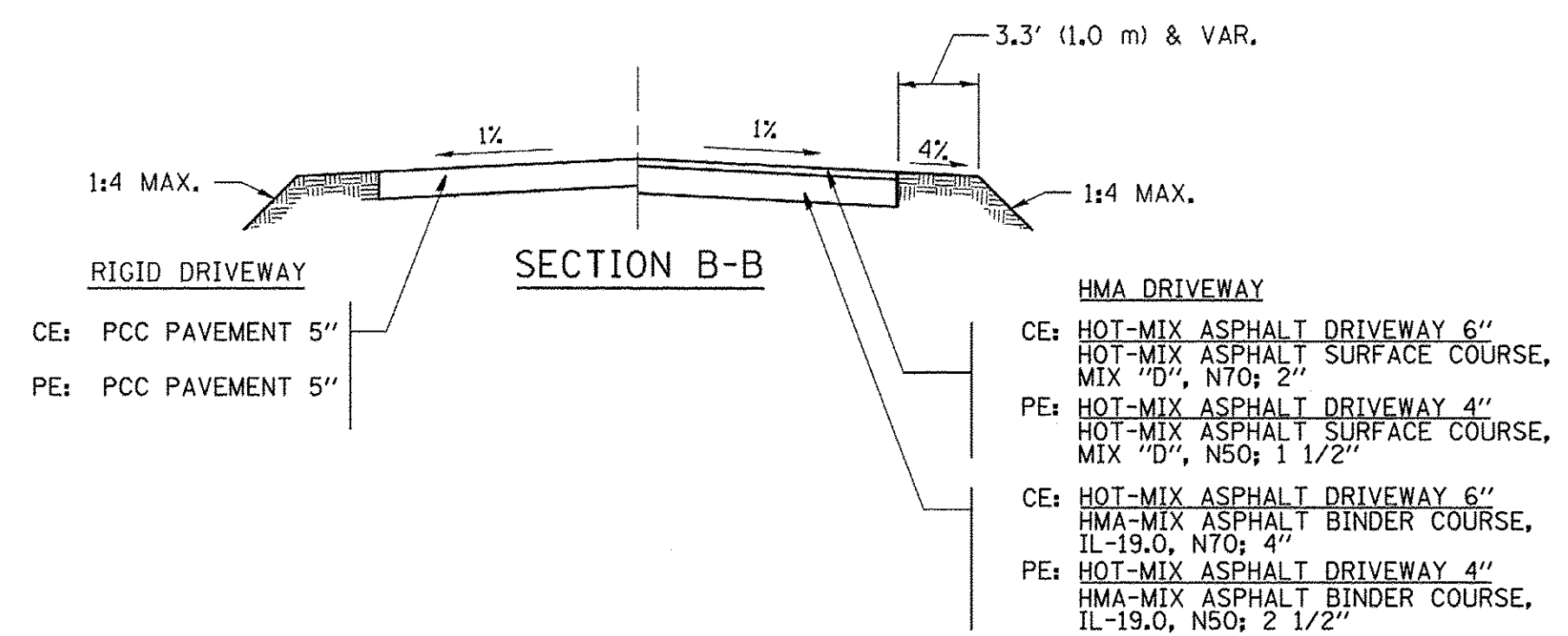
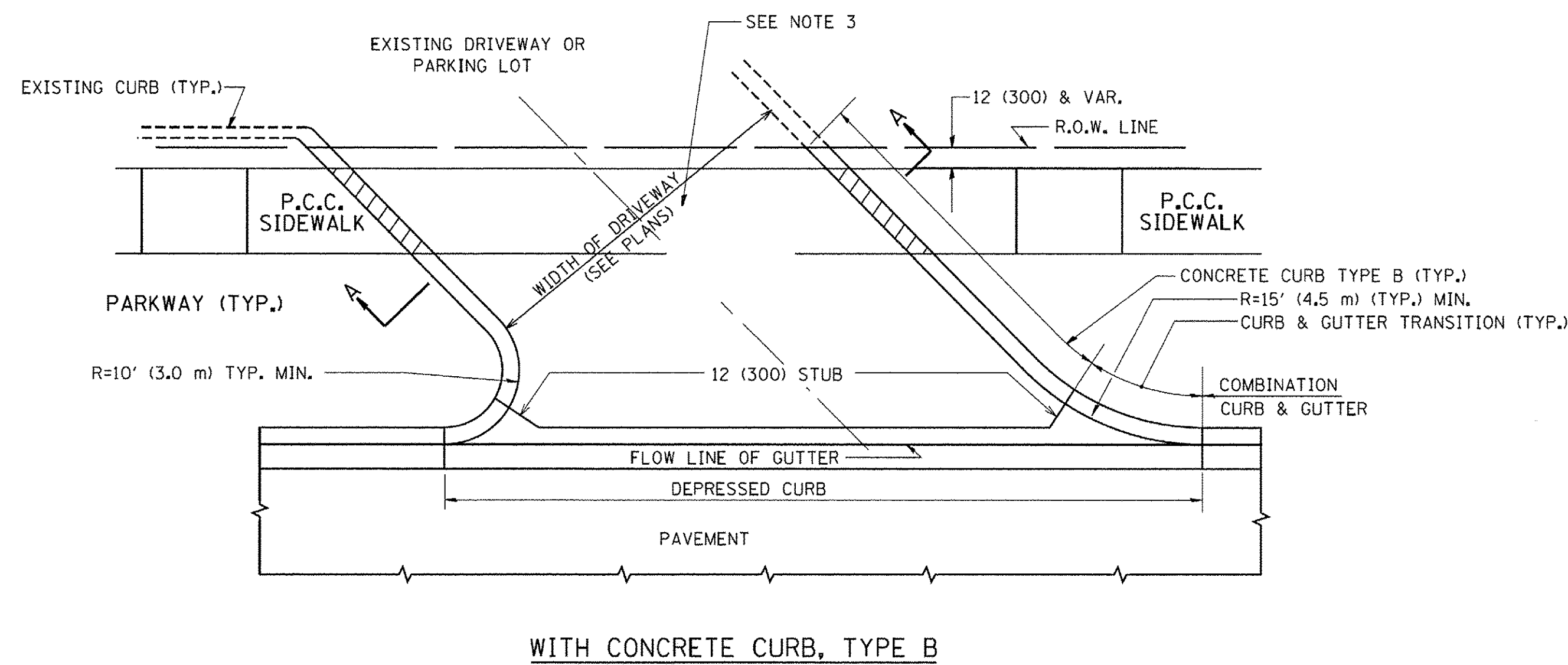
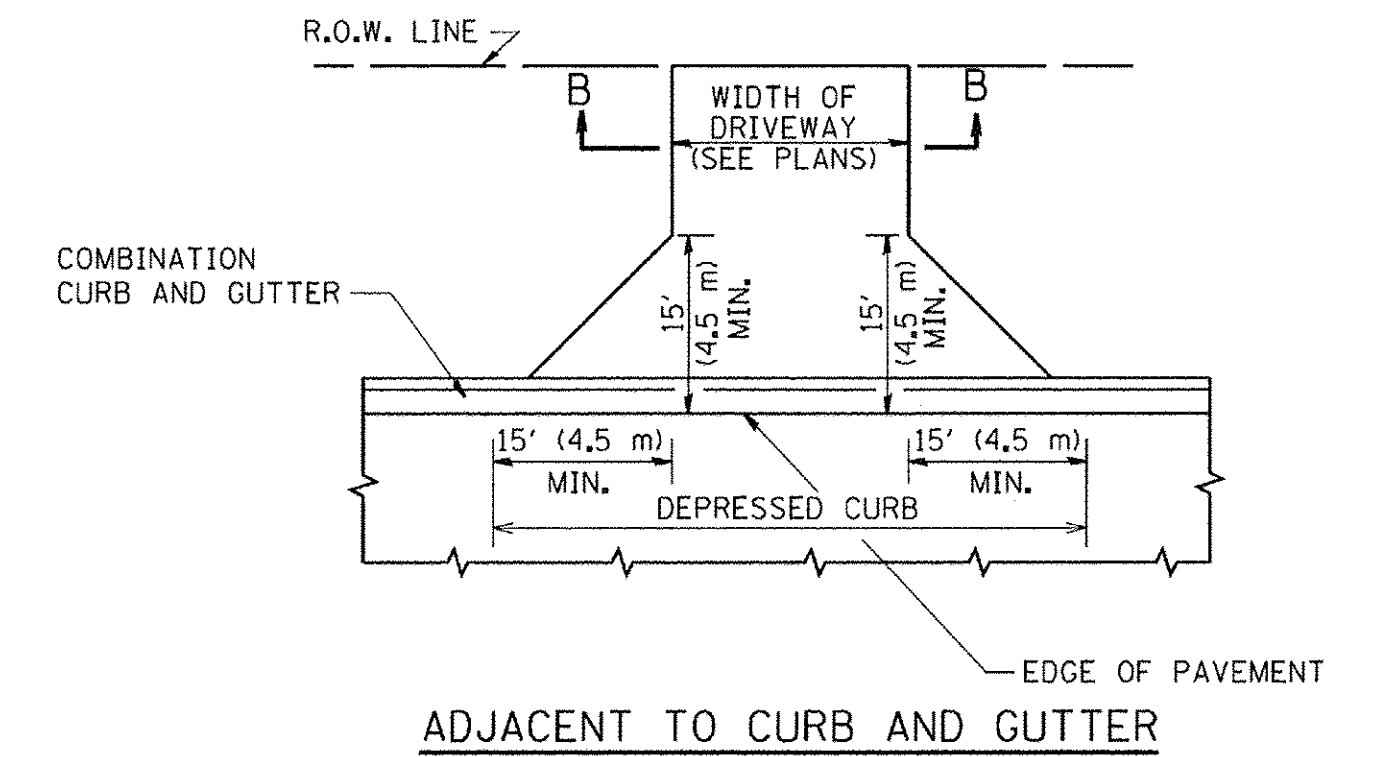
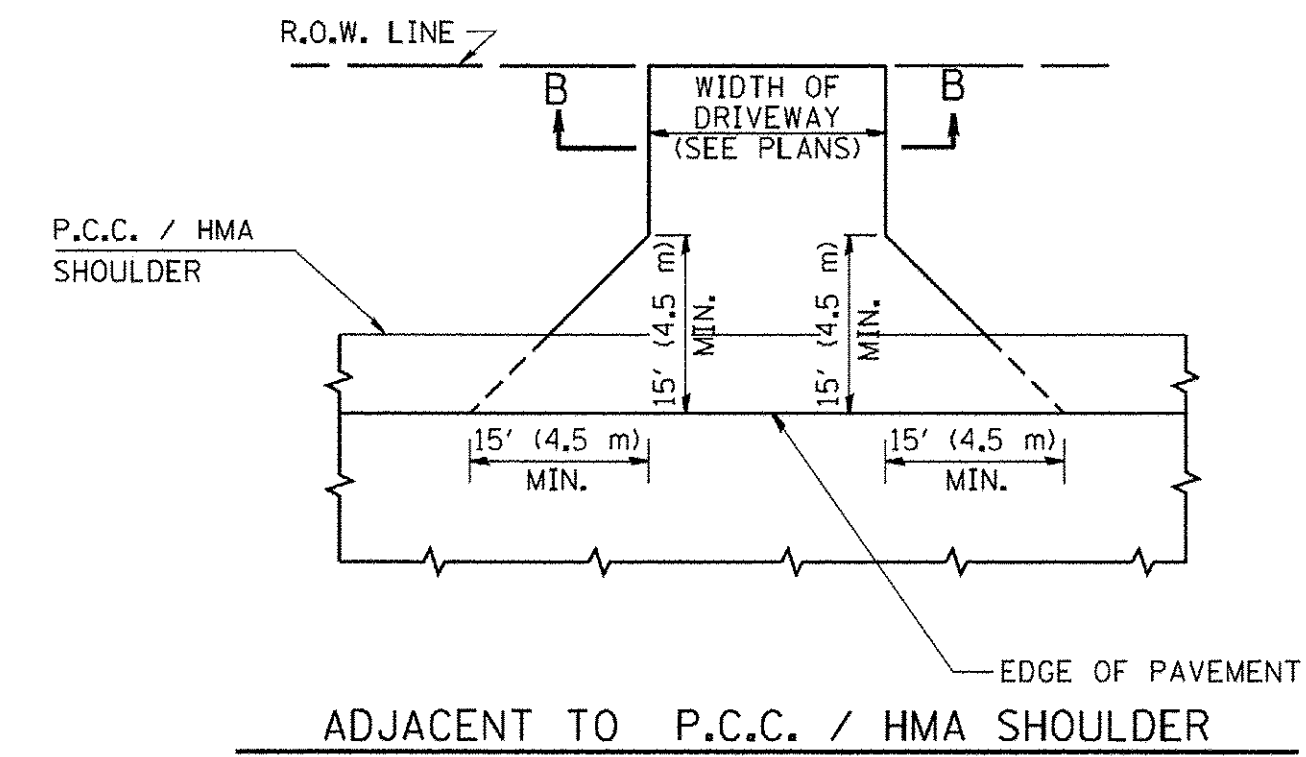
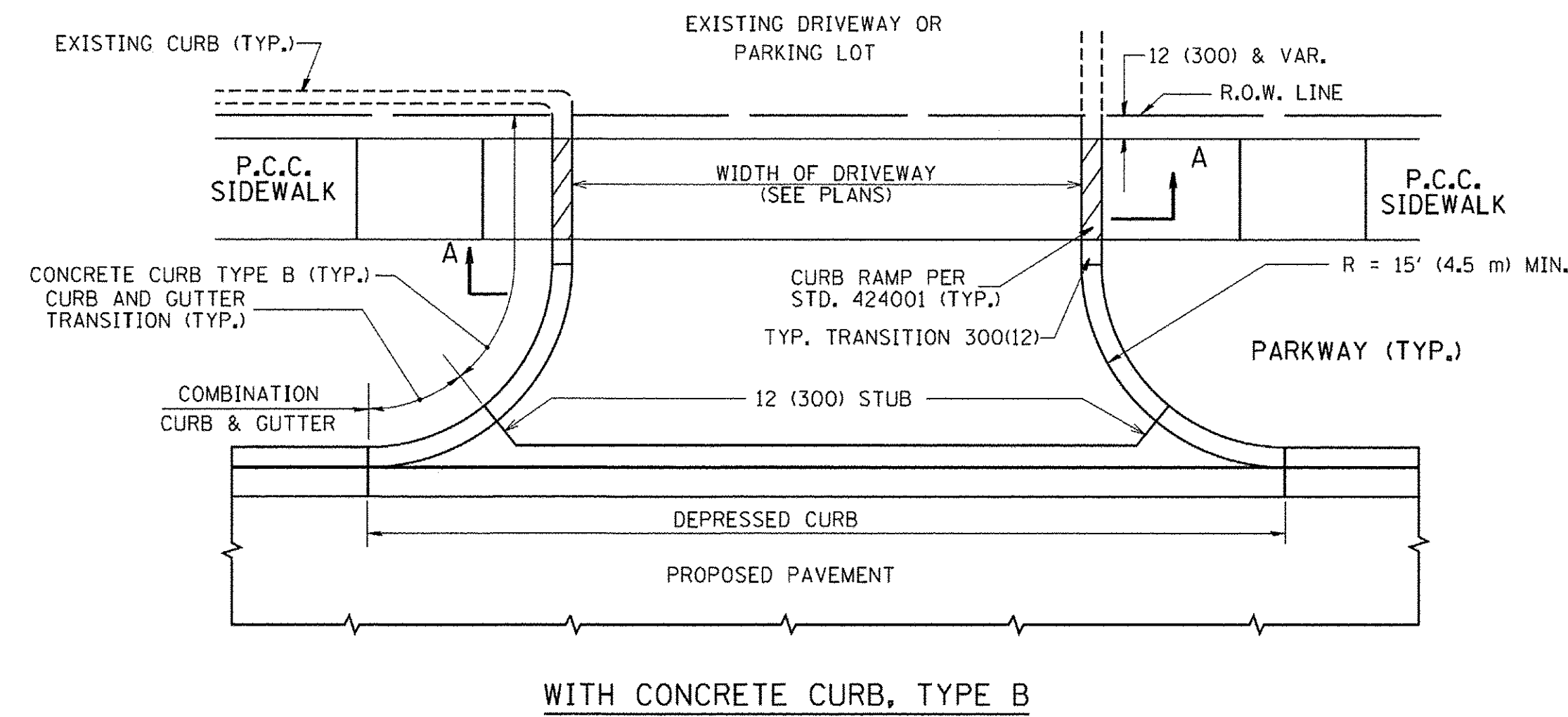


**NOTES:**

1. PARKING METER FOUNDATIONS TO BE INSTALLED 18" OFF EDGE OF GUTTER.
2. ITEM PAID FOR AS X0327466 TRAFFIC COUNTER POST, GALVANIZED STEEL. THIS INCLUDES POLE, CONCRETE FOUNDATION AND ROD.

**NEW PARKING METER DETAIL**

FILE NAME =	USER NAME = mmicholowicz	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CHICAGO AVE/SHERIDAN RD. CONSTRUCTION DETAILS</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\EVANSTON\140138.02\Civil\CDN_140138.02	PHLSHT	DRAWN -	REVISED -			2853	14-00273-00-BT	COOK	274	235
Default	PLOT SCALE = 40'	CHECKED -	REVISED -			CONTRACT NO. 61D36				
	PLOT DATE = 11/15/2016	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
					SCALE: 1"= 40'	SHEET	OF	SHEETS	STA.	TO STA.



**GENERAL NOTES:**

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

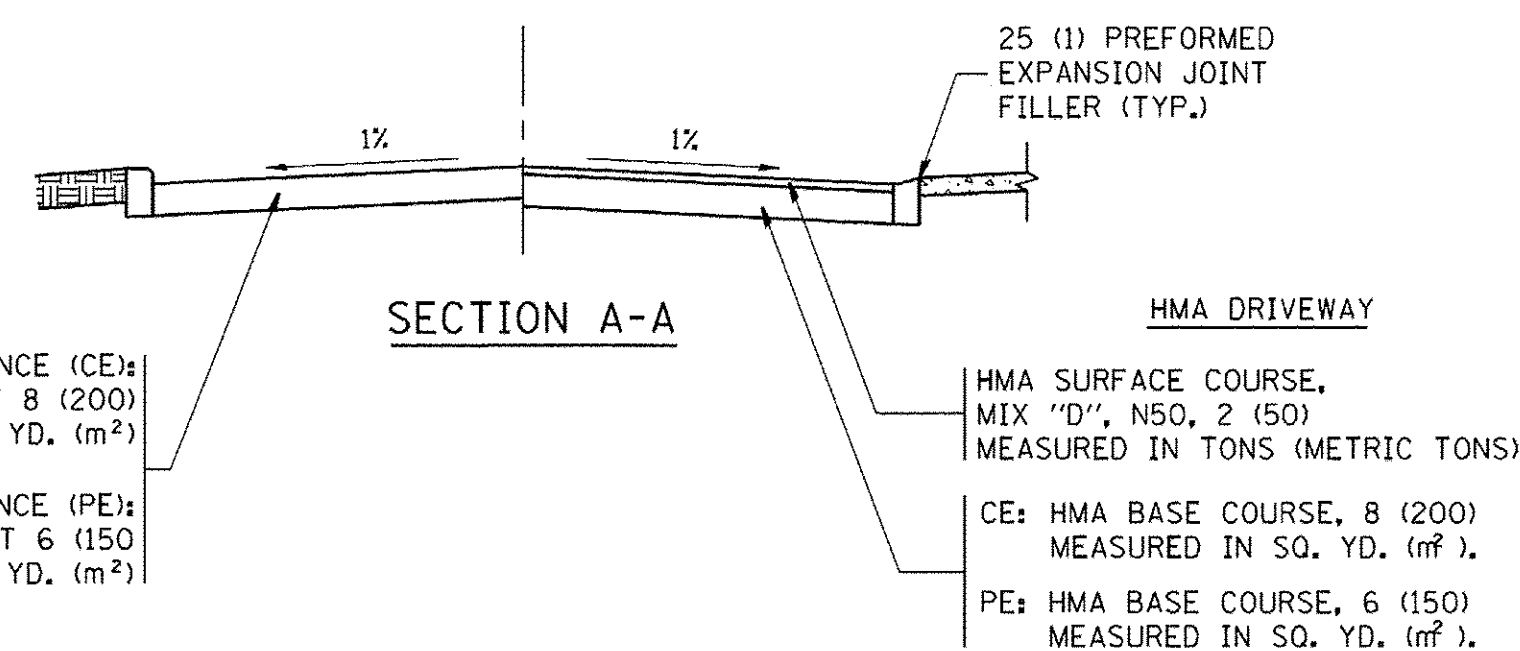
COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

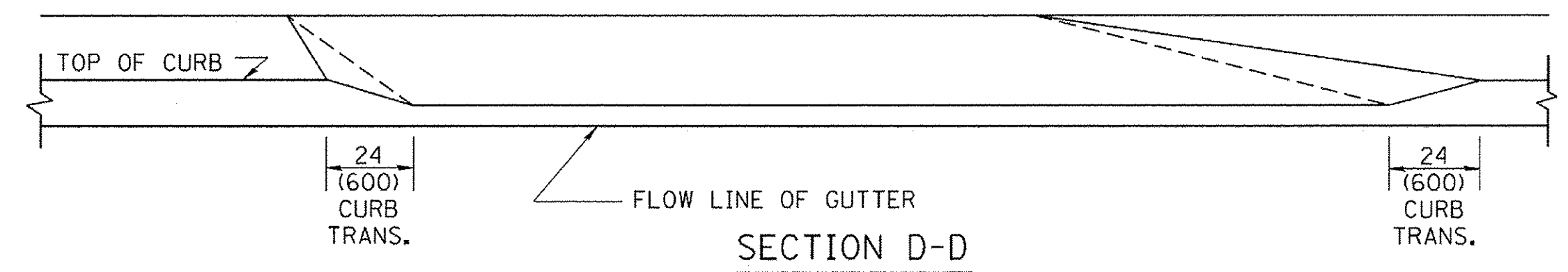
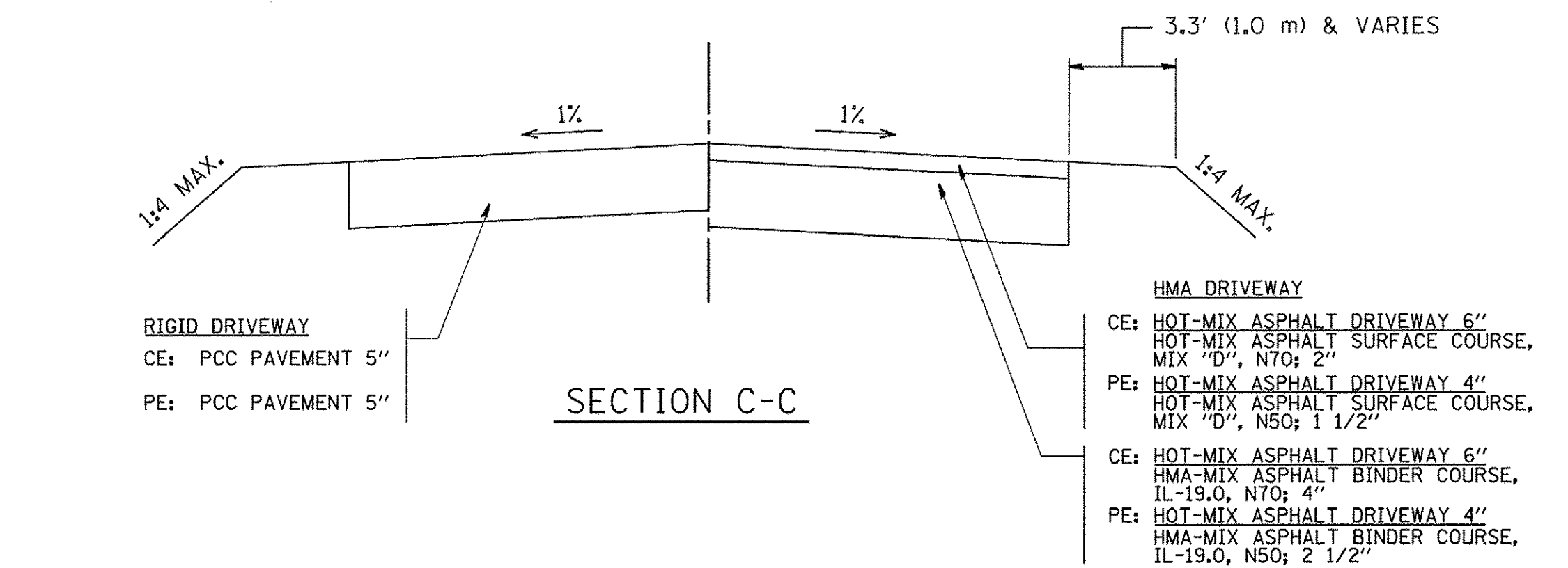
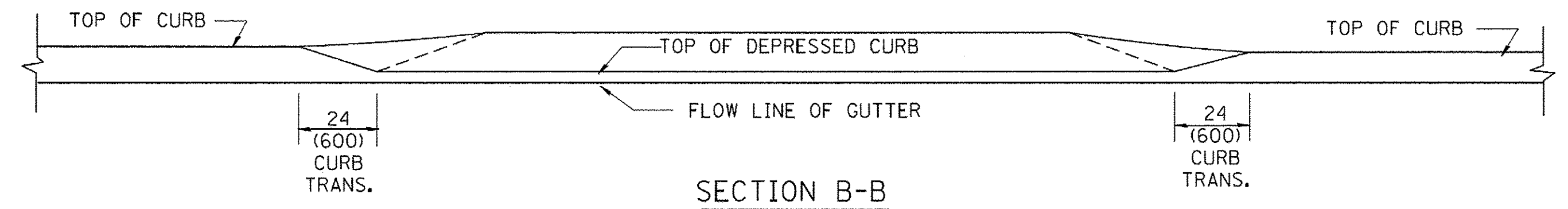
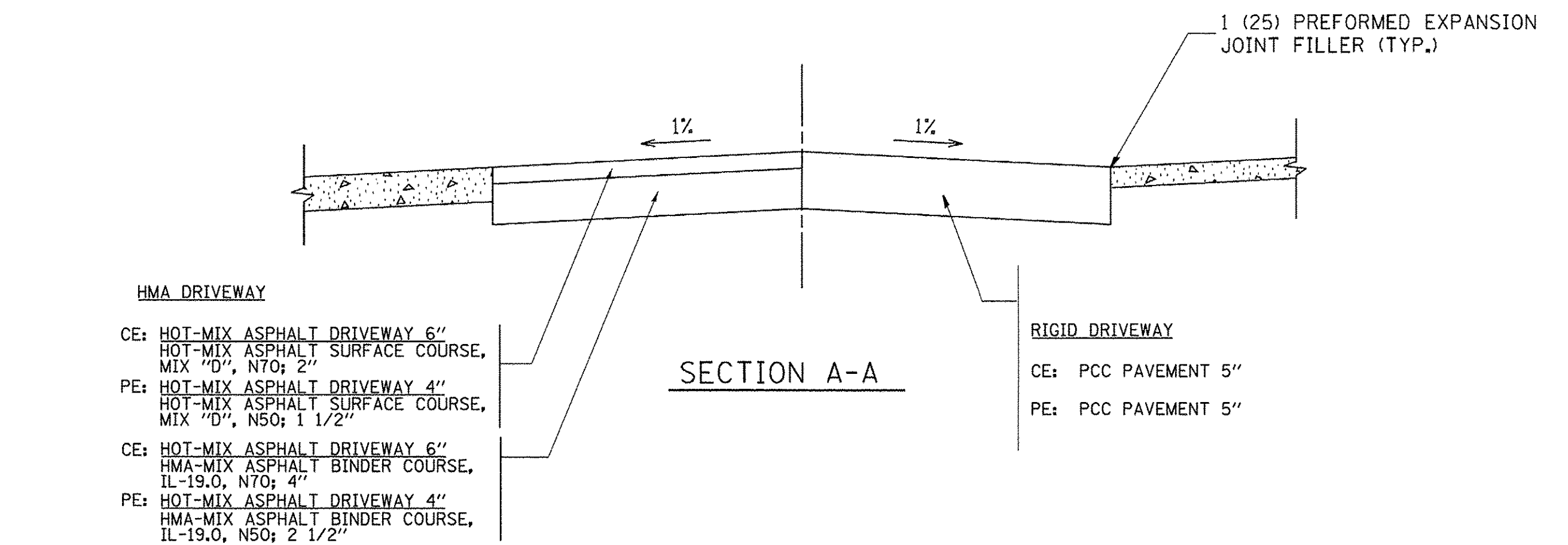
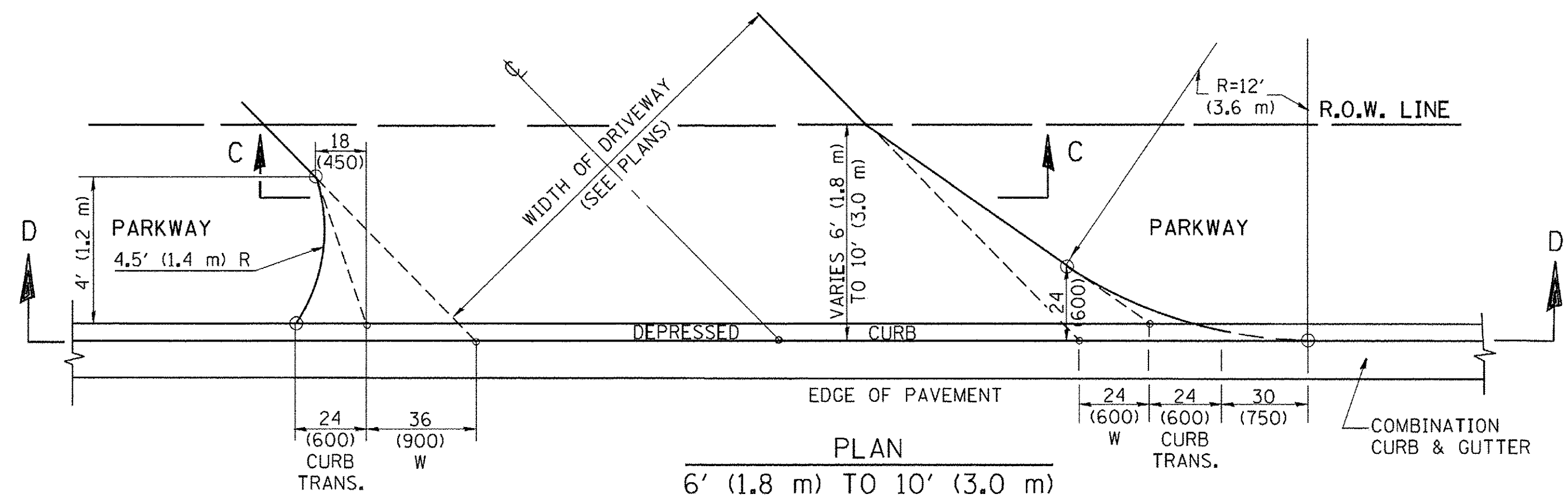
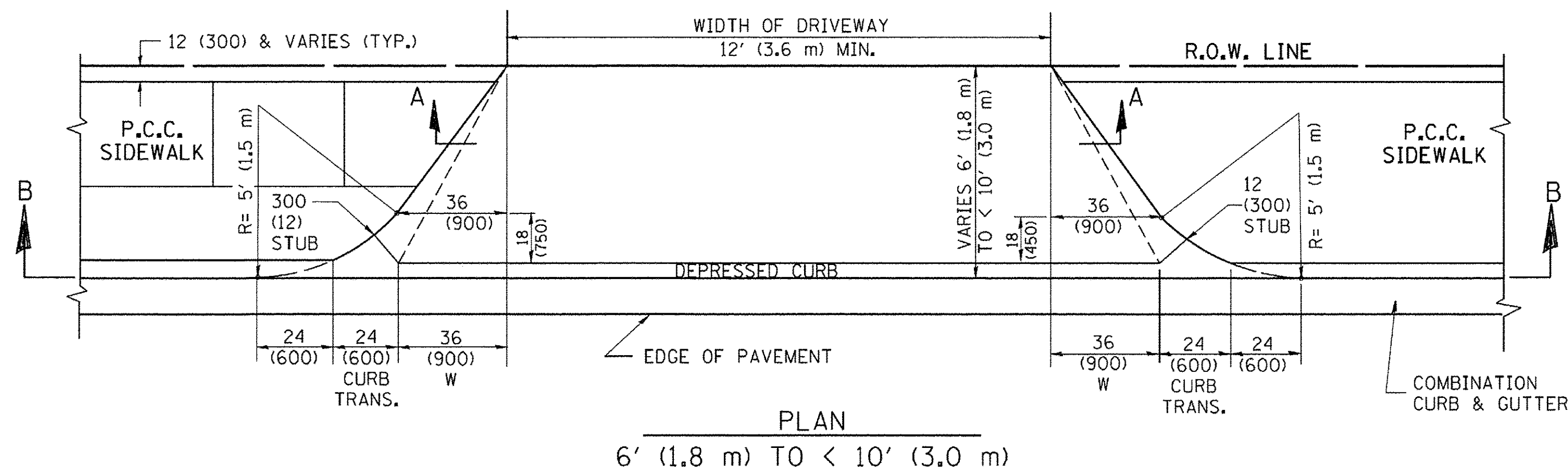
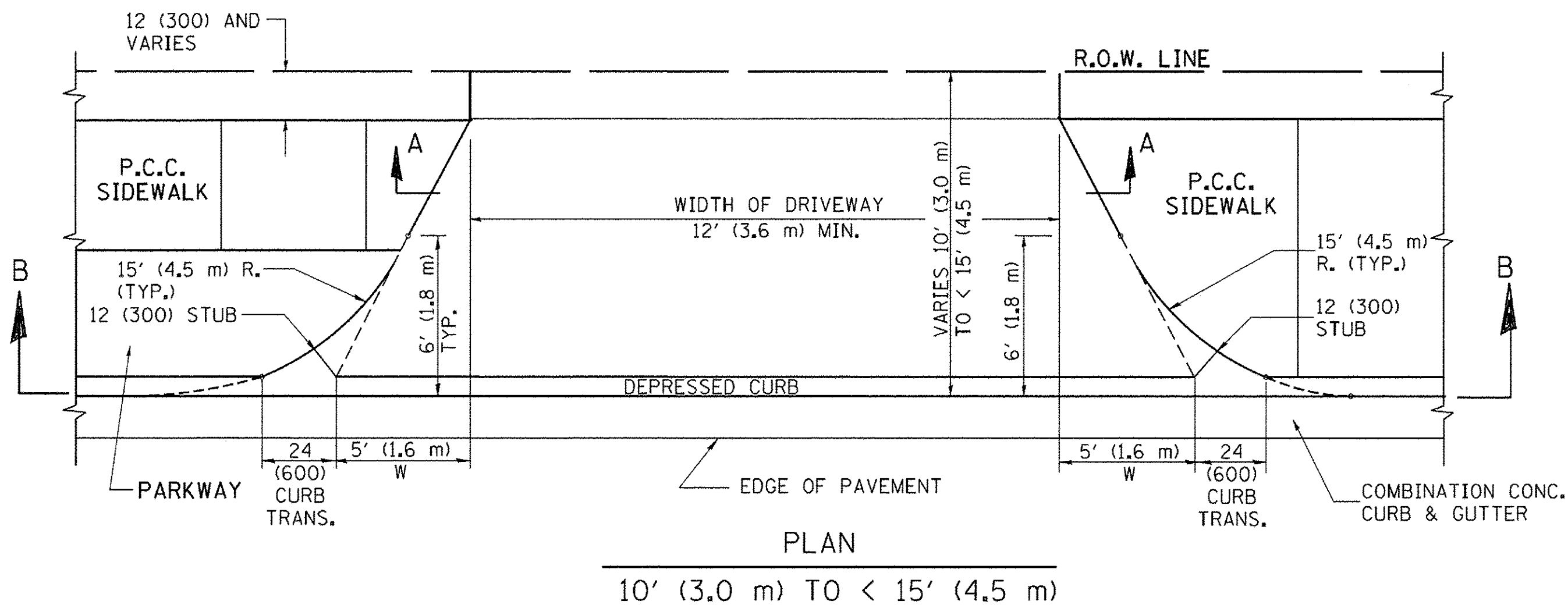
COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.



FILE NAME =	USER NAME = mmichelowicz	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CHICAGO AVE/SHERIDAN RD. CONSTRUCTION DETAILS</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\EVANSTON\140136.02\Civil\DET.D1.140136.02.01.SHT		DRAWN -	REVISED -			2853	14-00273-00-BT	COOK	274	236	
Default	PLOT SCALE = 40'	CHECKED -	REVISED -			CONTRACT NO. 61D36					
	PLOT DATE = 11/15/2016	DATE -	REVISED -			SCALE: 1"= 40'	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		



**GENERAL NOTES**

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE P.C.C. SIDEWALK SHALL EXTEND TO THE BACK OF CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

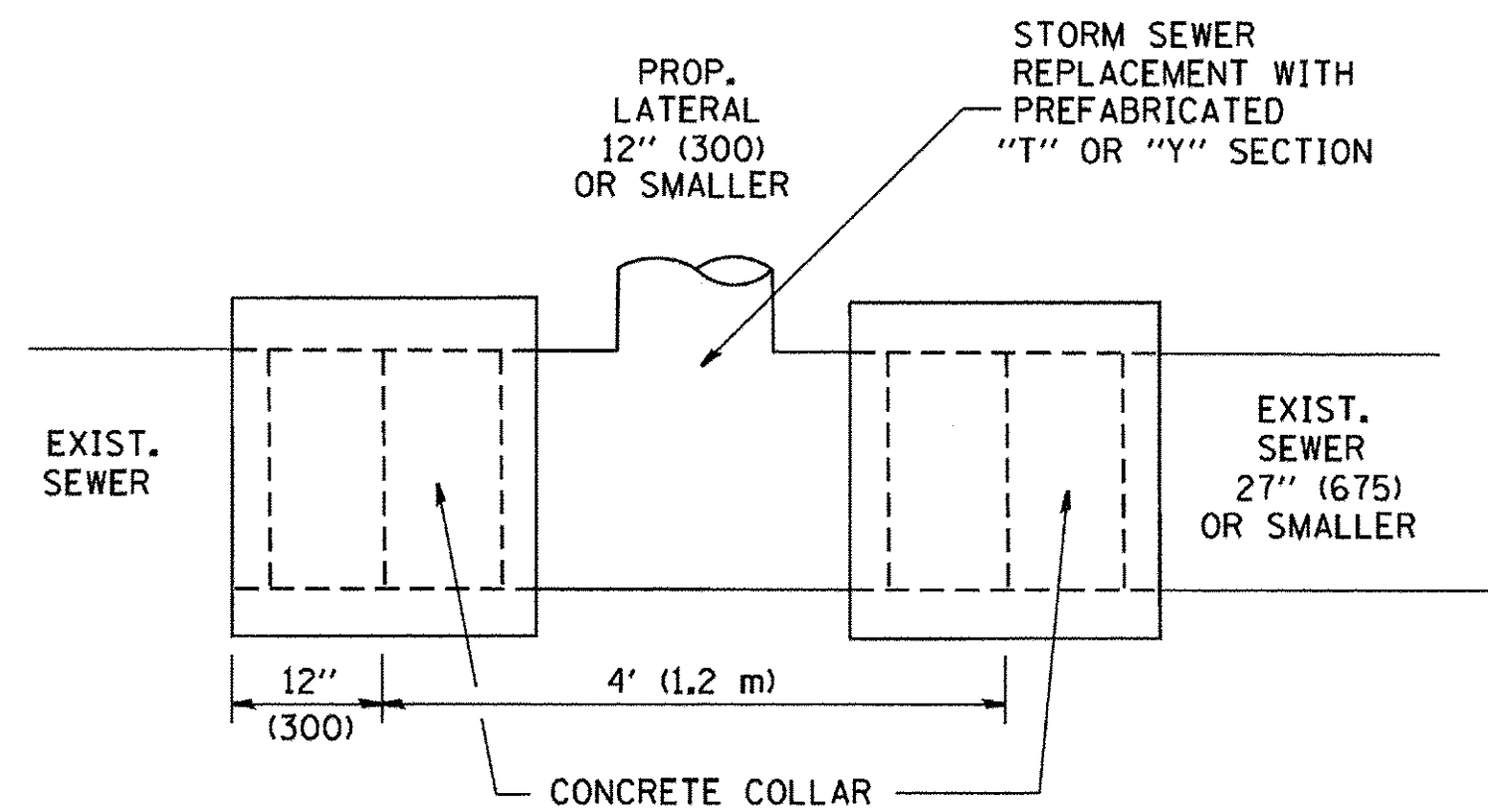
COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

THE 1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

"W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

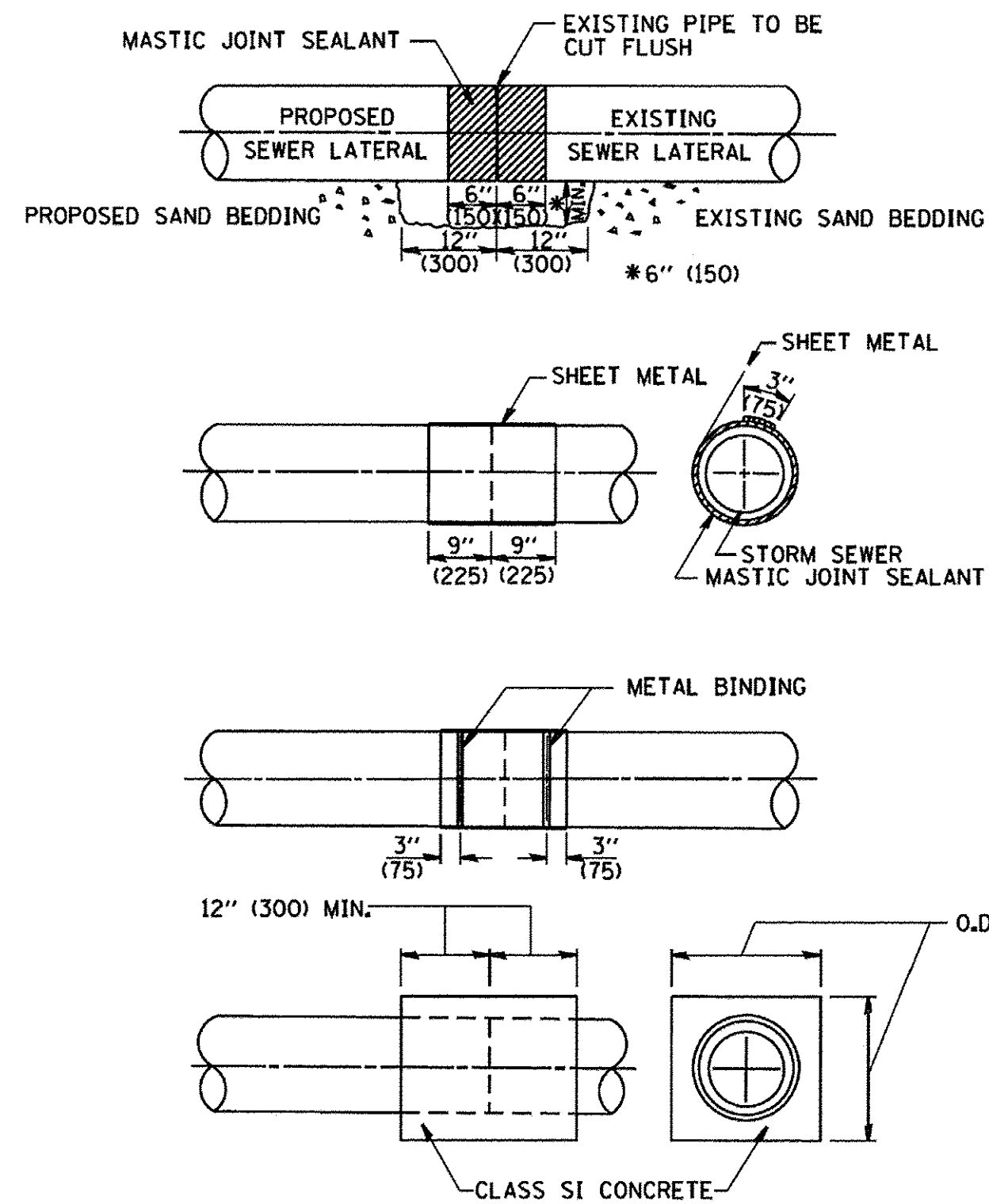
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

FILE NAME =	USER NAME = mmschalowicz	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CHICAGO AVE/SHERIDAN RD. CONSTRUCTION DETAILS</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\EVANSTON\140138\02\Civil\DET.D1.140138\02_02.SHT		DRAWN -	REVISED -			2853	14-00273-00-BT	COOK	274	237	
Default	PLOT SCALE = 40'	CHECKED -	REVISED -			CONTRACT NO. 61D36					
	PLOT DATE = 11/15/2016	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



**DETAIL "A"**

LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER

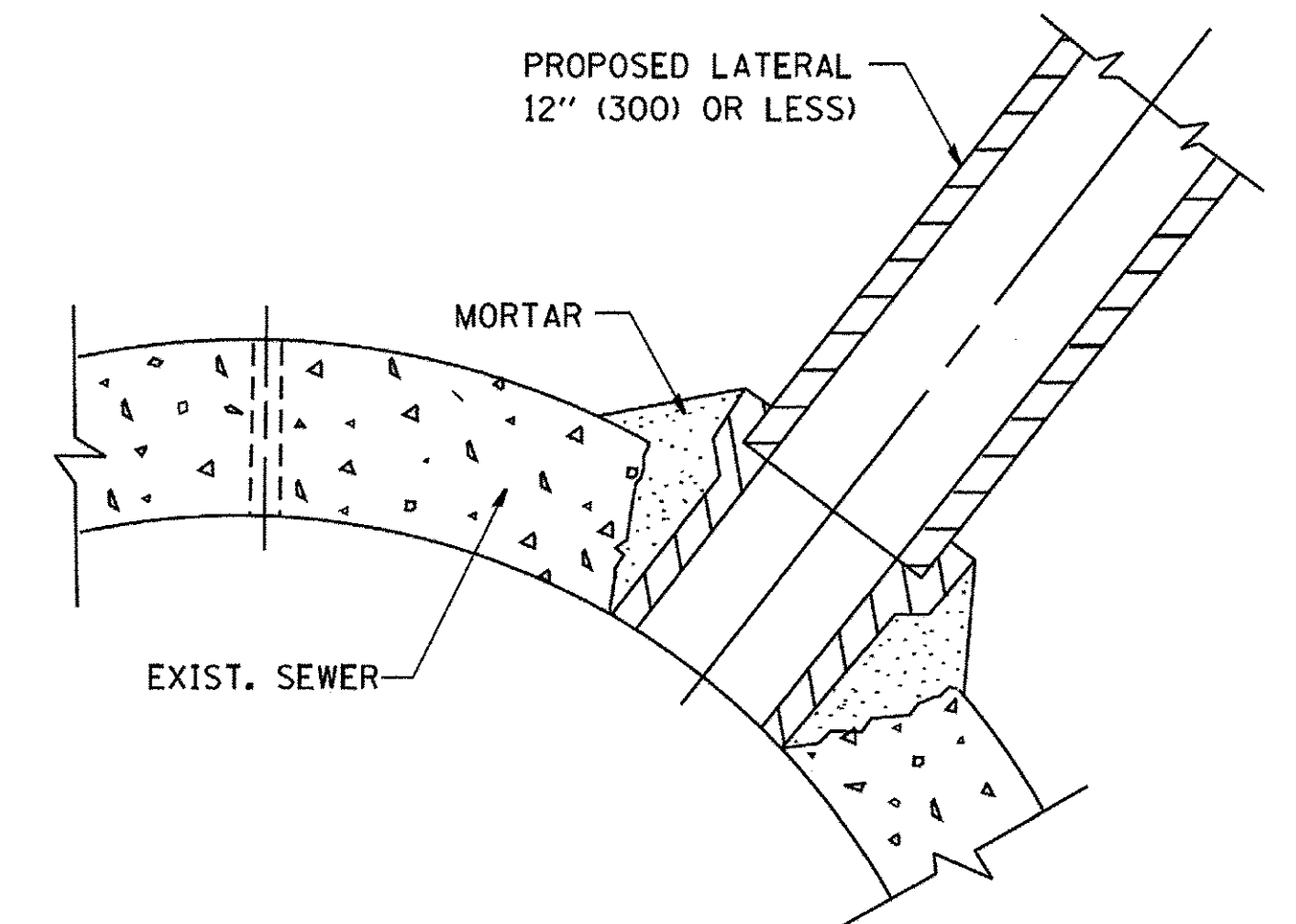


**DETAIL "B"**

CLASS SI CONCRETE COLLAR

**CONSTRUCTION SEQUENCE**

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' x 6' (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.



**DETAIL "C"**

PROPOSED LATERAL CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER

**NOTES**

**MATERIAL**

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

**CONSTRUCTION METHODS**

- I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
  - A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
  - B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

**GENERAL**

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED, THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

**BASIS OF PAYMENT**

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS, THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

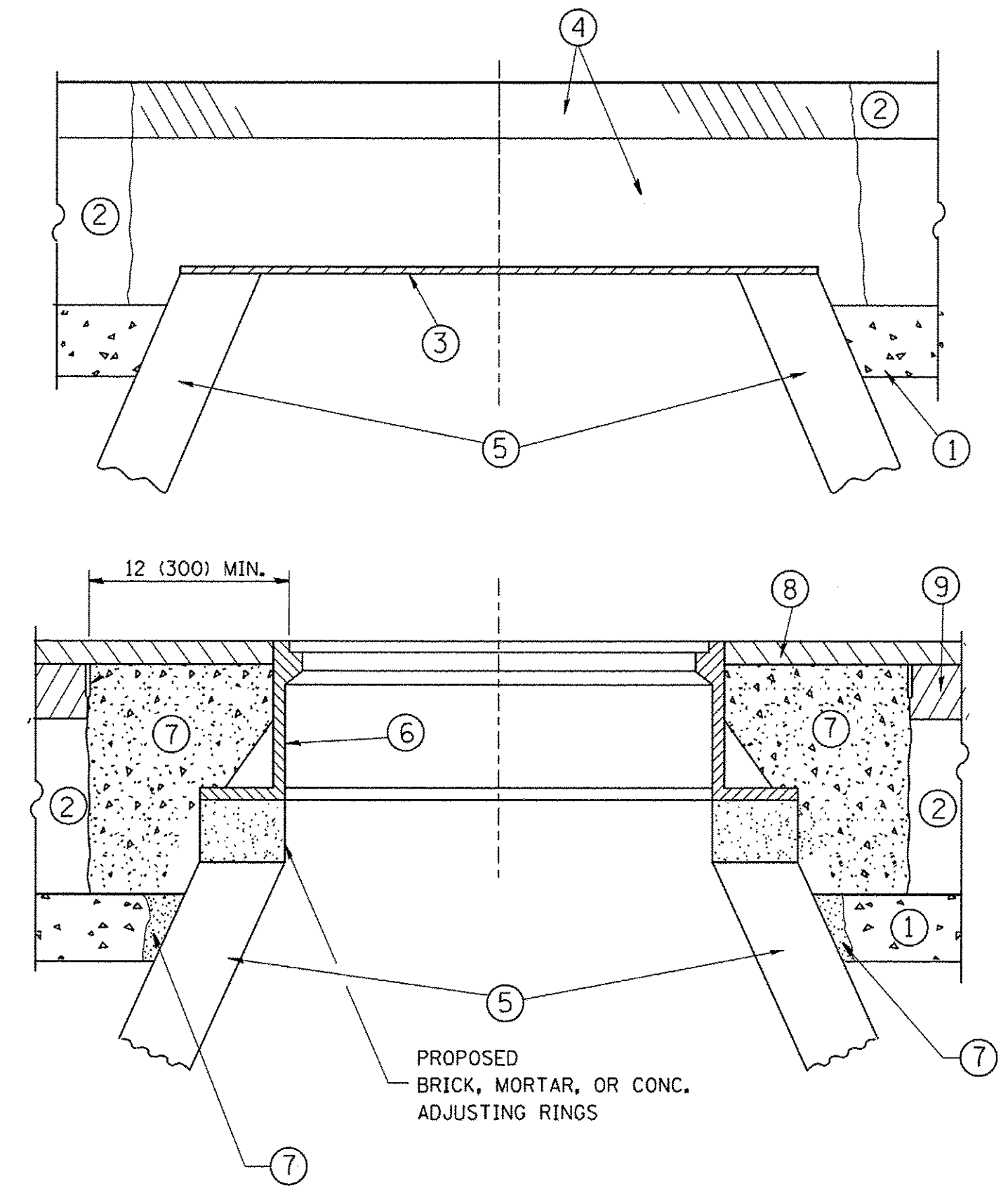
REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\diststd\22x34\bd07.dgn	USER NAME = geglianob	DESIGNED - M. DE YONG	REVISED - M. DE YONG 05-08-92	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER</b>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED - R. SHAH 09-09-94		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	2853	14-00273-00-BT	COOK	274 238
		PLOT SCALE = 50.000' / IN.	REVIEWED - R. SHAH 10-25-94						<b>BD500-01 (BD-7)</b>		CONTRACT NO. 61D36	
		PLOT DATE = 1/4/2008	REVIEWED - R. SHAH 06-12-96						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			



**CONSTRUCTION PROCEDURES**

**STAGE 1 (BEFORE PAVEMENT MILLING)**

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

**STAGE 2 (AFTER PAVEMENT MILLING)**

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1\* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

\* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

**LEGEND**

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS PP-1\* CONCRETE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

**LOCATION OF STRUCTURES:**

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

**BASIS OF PAYMENT:**

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

**NOTES:**

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

**DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING**

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING</b>			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pw\work\p\dot\bauerdl\d0108315\bd08.pgn		DRAWN -	REVISED - R. BORO 01-01-07		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	2853	14-00273-00-BT	COOK	274	239
		PLOT SCALE = 1/8" = 1'-0"	REVISED - R. BORO 03-09-11					<b>BD600-03 (BD-8)</b>		CONTRACT NO. 61D36			
		PLOT DATE = 12/6/2011	REVISED - R. BORO 12-06-11		FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT								

VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE ②)

PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ②)

SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.

SEE STATE STANDARD 606001  
EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)

18" (450) MAX.

1/4" (5) \*\*

EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE, SOD OR GROUND.

PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

3" (75) MIN.

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)

\* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

\*\* IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.

SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY,

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED

③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

⑤ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.

**BASIS OF PAYMENT:**

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

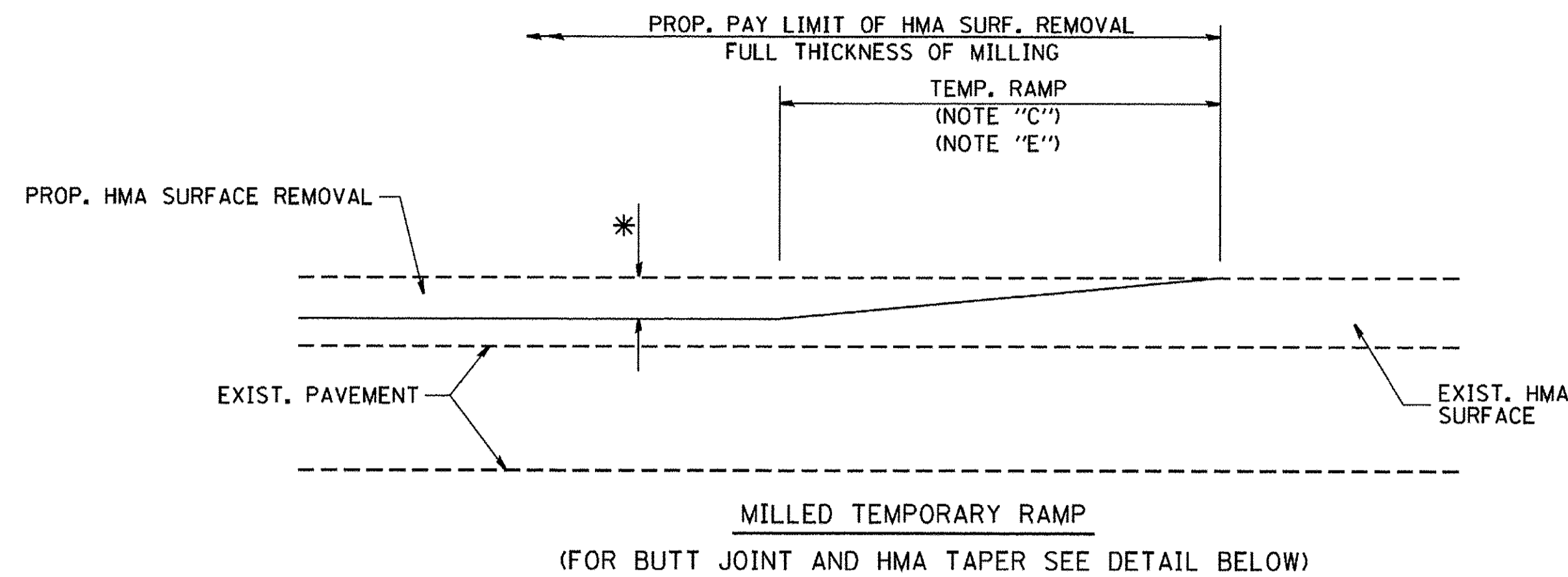
⑧ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

# CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

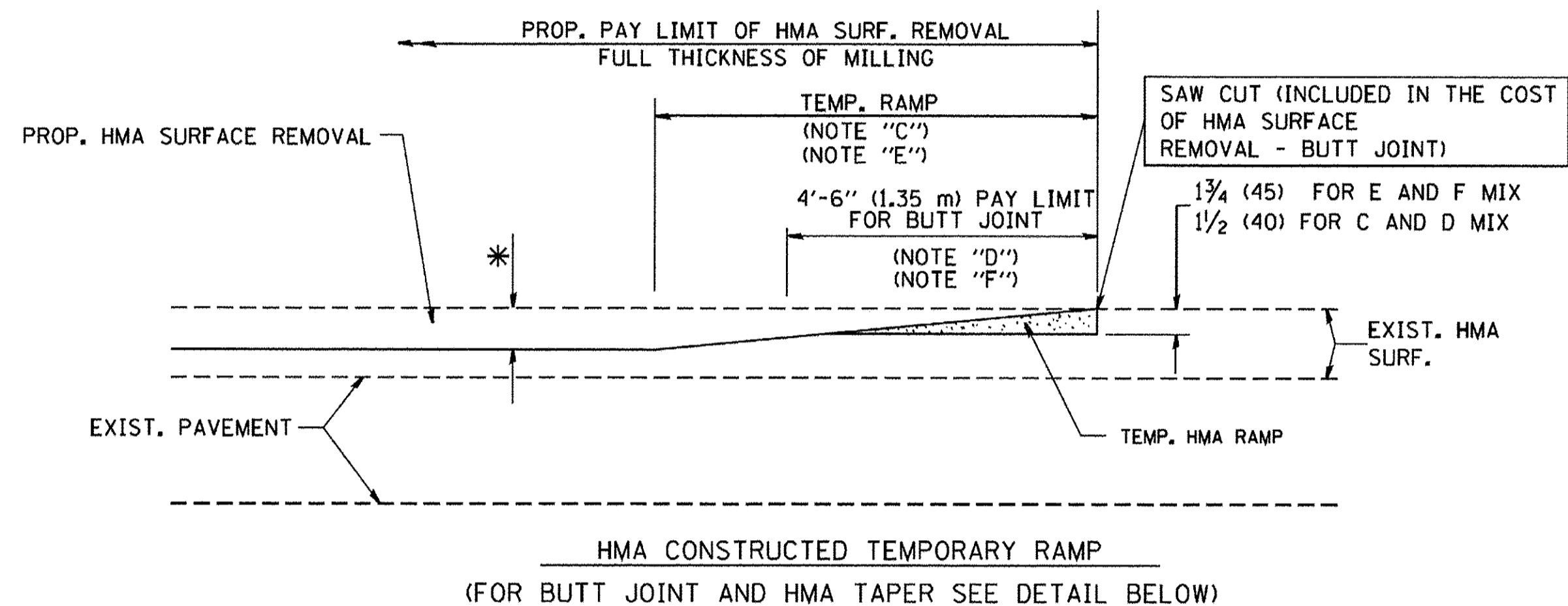
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = drivakosgn	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT</b>	F.A.I.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\drivakosgn\d0108315\bc24.dgn	DRAWN -	REVISOR - A. ABBAS 03-21-97	2853			14-00273-00-BT	COOK	274	240	
PLOT SCALE = 50.000' / IN.	CHECKED -	REVISOR - M. GOMEZ 01-22-01	<b>BD600-06 (BD-24)</b>			CONTRACT NO. 61D36				
PLOT DATE = 12/15/2009	DATE - 03-11-94	REVISED - R. BORO 12-15-09	SCALE: NONE			SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.		
						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

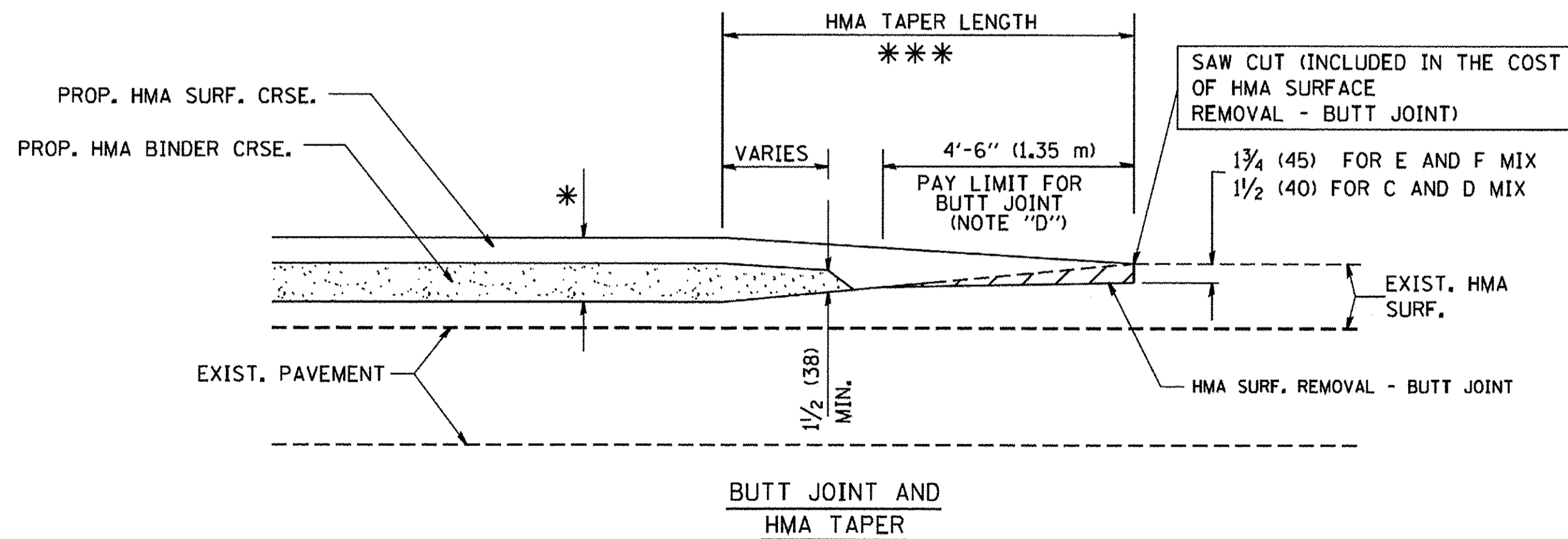




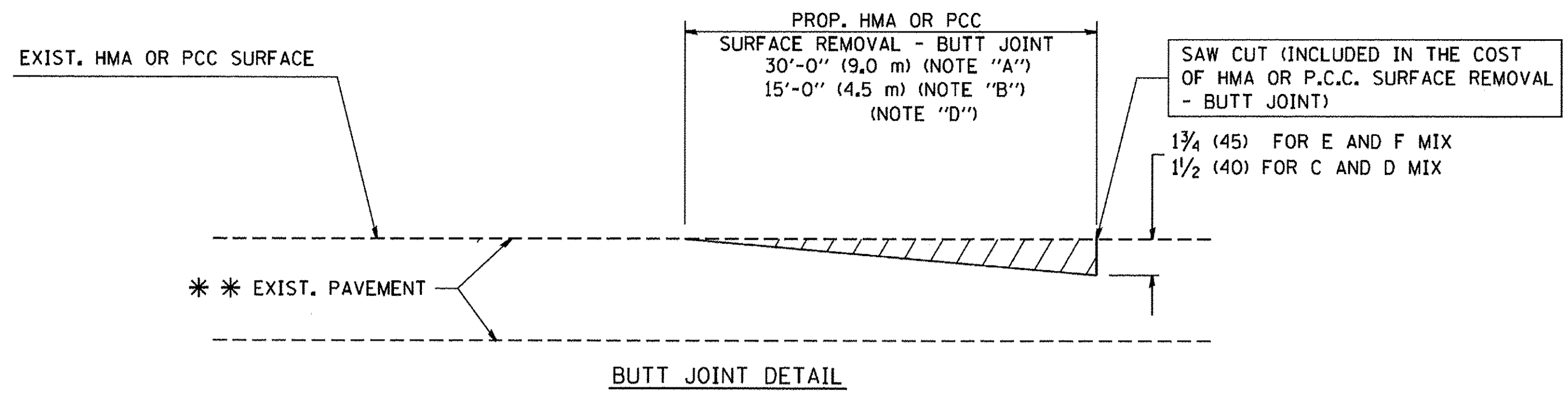
**OPTION 1**



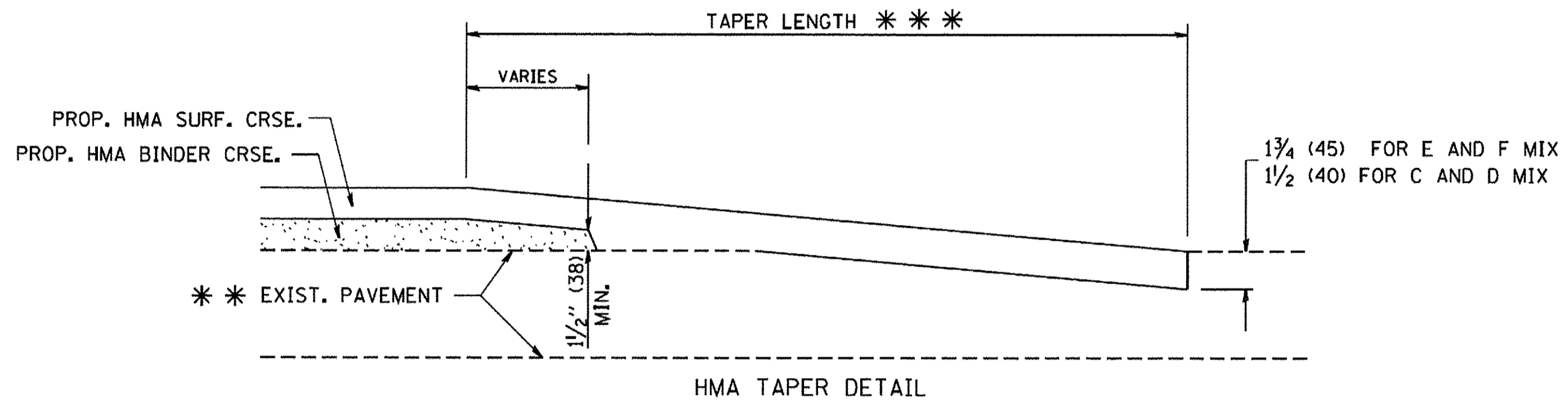
**OPTION 2  
TYPICAL TEMPORARY RAMP**



**TYPICAL BUTT JOINT AND HMA TAPER  
FOR MILLING AND RESURFACING**



**BUTT JOINT DETAIL**



**HMA TAPER DETAIL**

**TYPICAL BUTT JOINT AND HMA TAPER  
FOR RESURFACING ONLY**

\*\*\* PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

**NOTES**

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- B: MINOR SIDE ROADS.
- C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
- F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
- G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- \* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- \*\*\* 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")  
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

**BASIS OF PAYMENT:**

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\diststd\22x34\bd32.dgn
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USER NAME = geglionobt
PLOT SCALE = 50.0000 ' / IN.
PLOT DATE = 1/4/2008

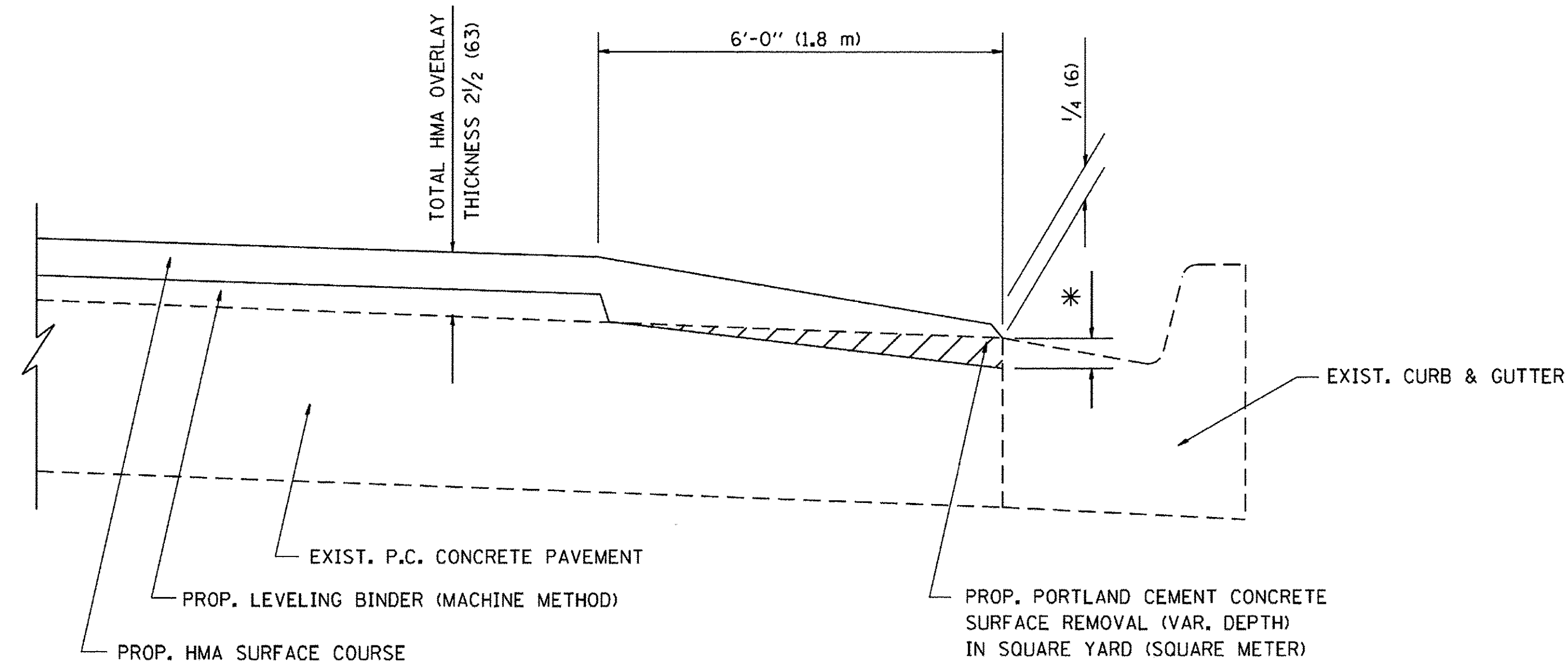
DESIGNED - M. DE YONG
DRAWN -
CHECKED -
DATE - 06-13-90

REVISED - R. SHAH 10-25-94
REVISED - A. ABBAS 03-21-97
REVISED - M. GOMEZ 04-06-01
REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>BUTT JOINT AND HMA TAPER DETAILS</b>	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2853	14-00273-00-BT	COOK	274	241
<b>BD400-05 BD32</b>			CONTRACT NO. 61D36	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**HMA TAPER AT  
EDGE OF P.C.C PAVEMENT**

HMA SURFACE	LEVELING BINDER	* MILLING AT GUTTER FLAG	
MIX	THICKNESS	THICKNESS	
C OR D	1 1/2 (38)	1 (25)	1/4 (33)
E	1 3/4 (44)	3/4 (19)	1/2 (38)

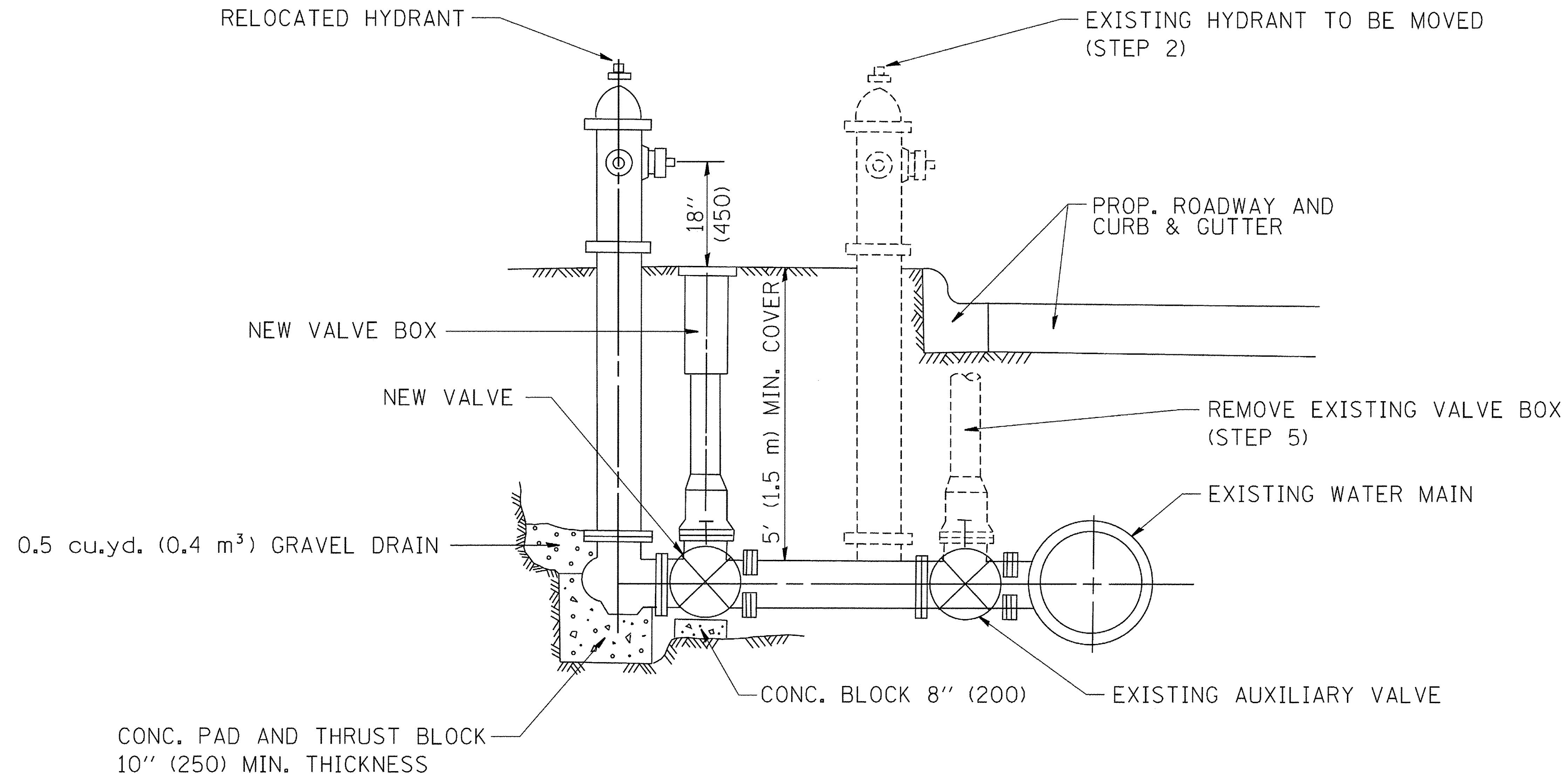
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = leysa	DESIGNED - R. SHAH	REVISED - A. ABBAS 05-05-9
p:\11\084EBIDINTEG\111nois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\Dist 1\BRANN\CADD\Detail\Sheets\bd33.dgn			REVISED - E. GOMEZ 12-21-00
Default	PLOT SCALE = 100.0000' / 1"	CHECKED - A. ABBAS	REVISED - R. BORO 01-01-07
	PLOT DATE = 7/7/2016	DATE - 09-10-94	REVISED - JP CHANG 07-08-16

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>HMA TAPER AT EDGE OF P.C.C PAVEMENT</b>			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2853	14-00273-00-BT	COOK	274	242
<b>BD400-06 (BD33)</b>		<b>CONTRACT NO.</b>	61D36	
ILLINOIS FED. AID PROJECT				



SEQUENCE OF CONSTRUCTION:

1. CLOSE EXISTING VALVE.
2. REMOVE EXISTING HYDRANT.
3. INSTALL HYDRANT EXTENSION AND NEW VALVE.
4. RELOCATE EXISTING HYDRANT.
5. OPEN EXISTING VALVE, REMOVE BOX.
6. BACKFILL.
7. FLUSH AND TEST FOR CHLORIDE RESIDUAL AND PROVIDE TEST.

ALL WORK TO BE DONE IN ACCORDANCE WITH ARTICLE 564 OF THE STANDARD SPECIFICATIONS. NEW VALVE AND BOX SHALL BE SAME MAKE AND MODEL AS EXISTING.

FIRE HYDRANT TO BE MOVED

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

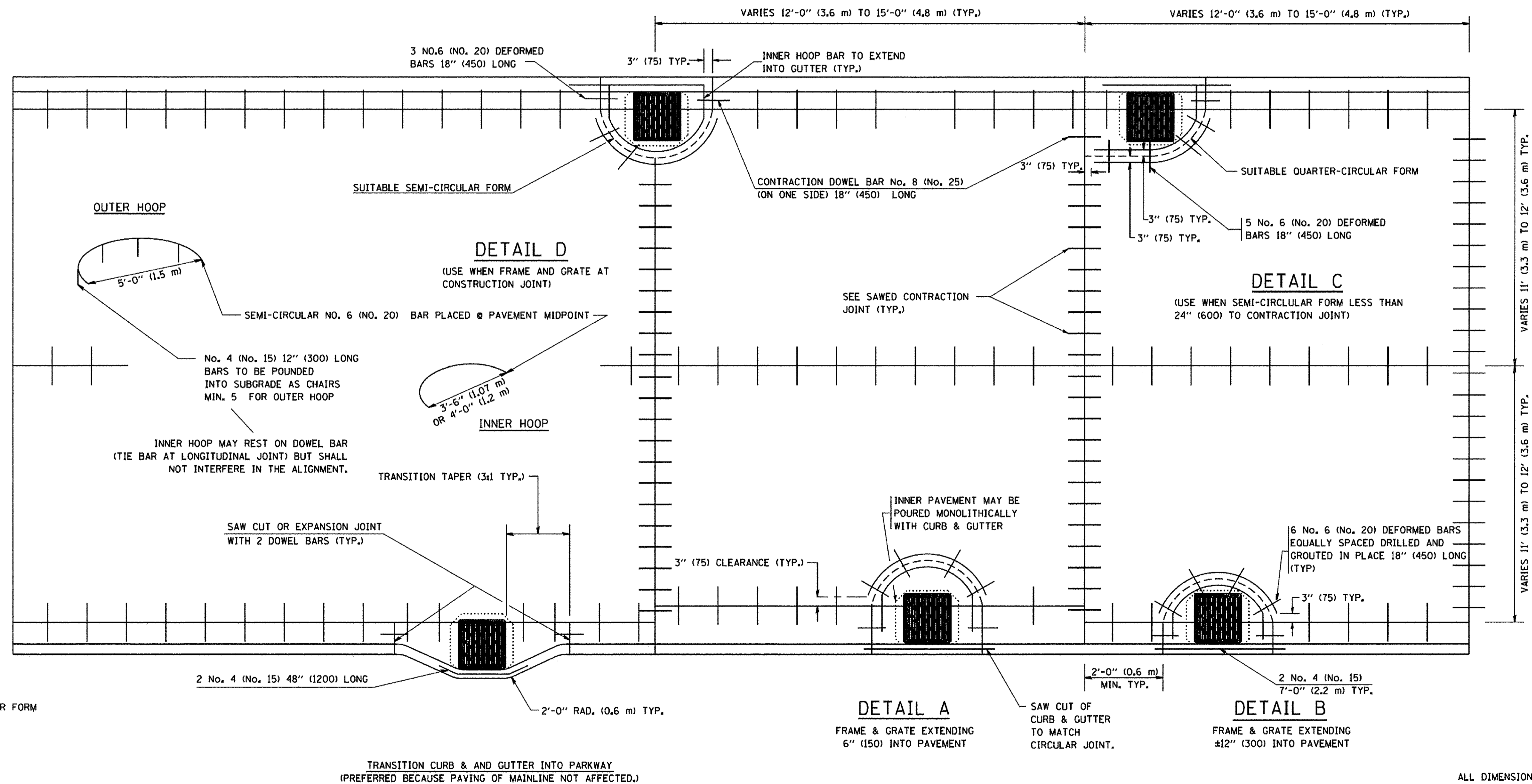
FILE NAME = W:\diststd\22x34\bd36.dgn	USER NAME = goglianobt	DESIGNED -	REVISED - R. SHAH 09-09-94	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>FIRE HYDRANT TO BE MOVED</b>			F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - R. SHAH 10-25-94					2853	14-00273-00-BT	COOK	274	243
	PLOT DATE = 1/4/2008	DATE -	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	<b>BD-36</b>		CONTRACT NO.	61D36
								FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT				

FRAME EXTENSION INTO PAVEMENT	INNER HOOP REINFORCEMENT DIAMETER	SEMI CIRCULAR FORM DIAMETER	OUTER HOOP REINFORCEMENT DIAMETER
UP TO 8" (200)	3'-6" (1.1 m)	4'-0" (1.2 m)	5'-0" (1.5 m)
> 8" (200) TO 14" (360)	4'-0" (1.2 m)	4'-6" (1.4 m)	5'-0" (1.5 m)

DESIGNER NOTE:  
THIS DETAIL IS TO BE USED  
WHEN THE GUTTER FLAG IS  
LESS THAN 24"

NOTES 1

1. THE ROUNDOUT AND ADDED REINFORCEMENT WILL NOT BE PAID SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE PAVEMENT.
2. TRANSVERSE JOINTS MAY BE MOVED TO ACCOMMODATE ROUNDOUT, EDGE OF CIRCULAR JOINT SHALL BE MINIMUM 12" (300) FROM TRANSVERSE JOINT. RELOCATED TRANSVERSE JOINT SHALL BE CONTINUOUS FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT.
3. SEMI-CIRCULAR FORM SHALL BE REMOVED PRIOR TO DRILL AND GROUT OF TIE BARS.
4. ALL REINFORCED BARS SHALL BE EPOXY COATED.
5. DRILL AND GROUT IS PREFERRED, HOWEVER TIE BARS CAN BE POURED IN PLACE IF CLEARANCE IS PROVIDED TO OUTER EDGE OF FRAME. MINIMUM 2" (50) CLEARANCE.
6. WOOD SHIMS SHALL BE USED TO ADJUST ALL FRAMES. AFTER ADJUSTING MORTAR HAS CURED, THE WOOD SHIMS SHALL BE REMOVED AND THE VOIDS UNDER THE FRAMES FILLED WITH NON SHRINK GROUT.
7. HOOP REINFORCEMENT SHALL BE ONE PIECE CONSTRUCTION.
8. CIRCULAR FRAMES AND GRATES MAY BE SUBSTITUTED.
9. CURB DOWELS MUST BE PLACED LEVEL & TRUE TO ALLOW CONTRACTION MOVEMENT.



LEGEND:

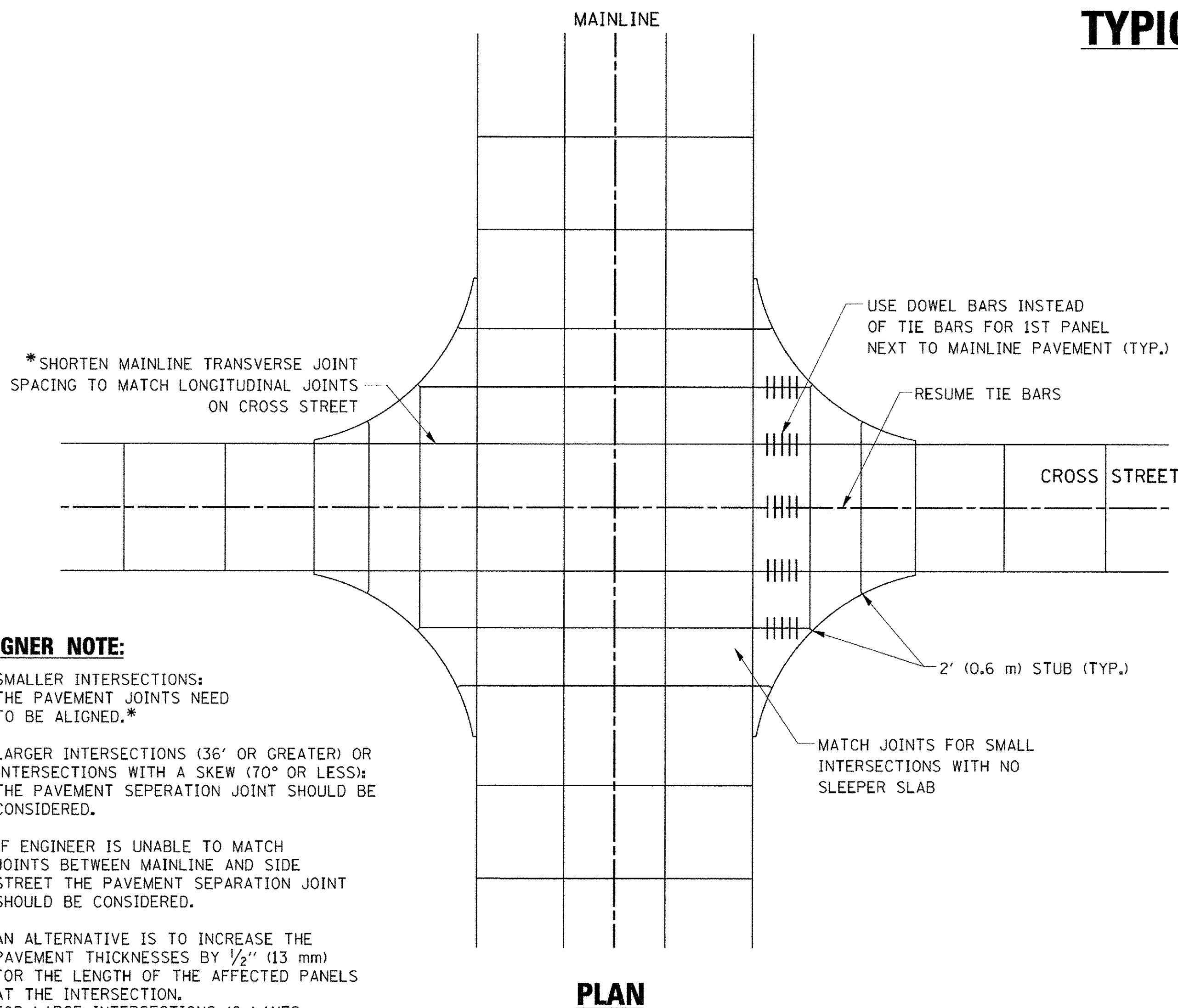
- ..... CASTING
- SUITABLE SEMI-CIRCULAR FORM

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED

FILE NAME = W:\distatd\22x34\bd48.dgn	USER NAME = geg1enabt	DESIGNED - A. ABBAS	REVISED - T. MATOUSEK 08-28-00	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PCC PAVEMENT ROUNDOUTS AT CURB AND GUTTER</b>			F.A.U. RTE. 2853	SECTION 14-00273-00-BT	COUNTY COOK	TOTAL SHEETS 274	SHEET NO. 244
	PLOT SCALE = 50.0000' / IN.	DRAWN - TOM MATOUSEK	REVISED - T. MATOUSEK 10-02-00		SCALE: NONE	SHEET NO. 1	OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 61D36		
	PLOT DATE = 1/4/2008	CHECKED - A. ABBAS	REVISED - T. MATOUSEK 04-25-02		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
		DATE - 01-04-99	REVISED - P. LAFLEUR 08-27-02									

# TYPICAL APPLICATION

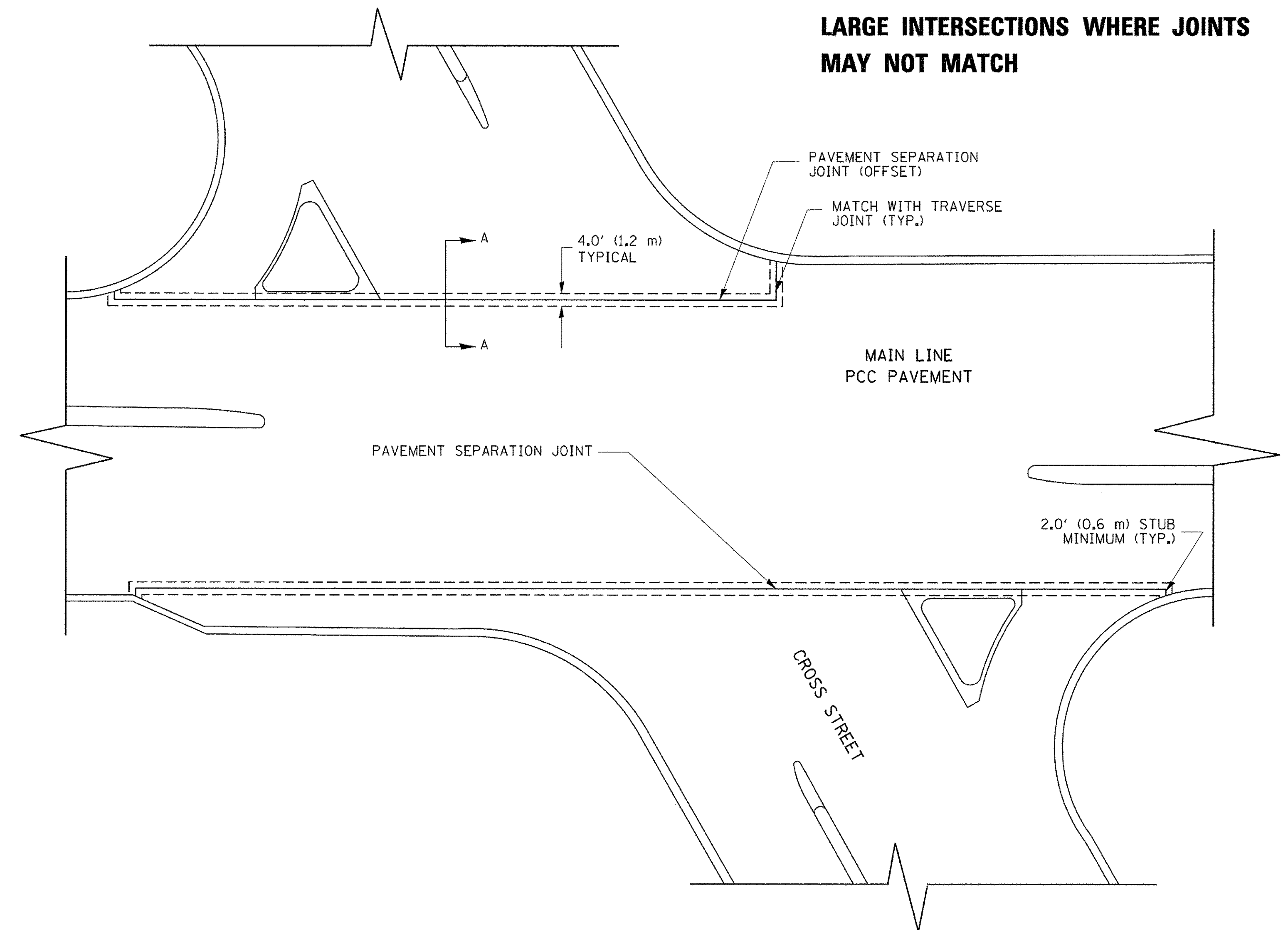
**THE USE OF CROSS STREET PAVEMENT SEPARATION JOINTS FOR SKEWED OR LARGE INTERSECTIONS WHERE JOINTS MAY NOT MATCH**



**DESIGNER NOTE:**

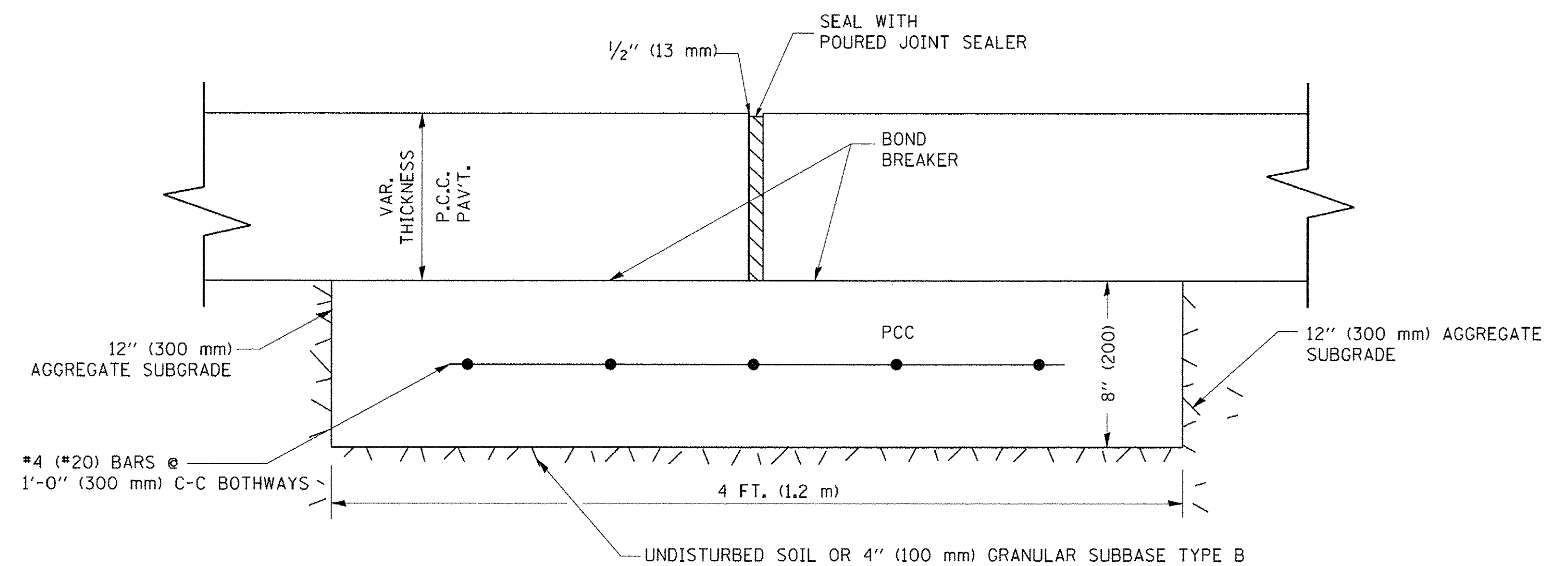
1. SMALLER INTERSECTIONS: THE PAVEMENT JOINTS NEED TO BE ALIGNED.\*
2. LARGER INTERSECTIONS (36' OR GREATER) OR INTERSECTIONS WITH A SKEW (70° OR LESS): THE PAVEMENT SEPERATION JOINT SHOULD BE CONSIDERED.
3. IF ENGINEER IS UNABLE TO MATCH JOINTS BETWEEN MAINLINE AND SIDE STREET THE PAVEMENT SEPARATION JOINT SHOULD BE CONSIDERED.
4. AN ALTERNATIVE IS TO INCREASE THE PAVEMENT THICKNESSES BY 1/2" (13 mm) FOR THE LENGTH OF THE AFFECTED PANELS AT THE INTERSECTION.
5. FOR LARGE INTERSECTIONS (6 LANES OR MORE) WHERE JOINTS CAN BE MATCHED, USE #8 (25) DOWEL BARS INSTEAD OF #8 (25) TIE BARS AT EDGE OF MAINLINE PAVEMENT WHEN NO PAVEMENT SEPARATION JOINTS USED.

**PLAN**



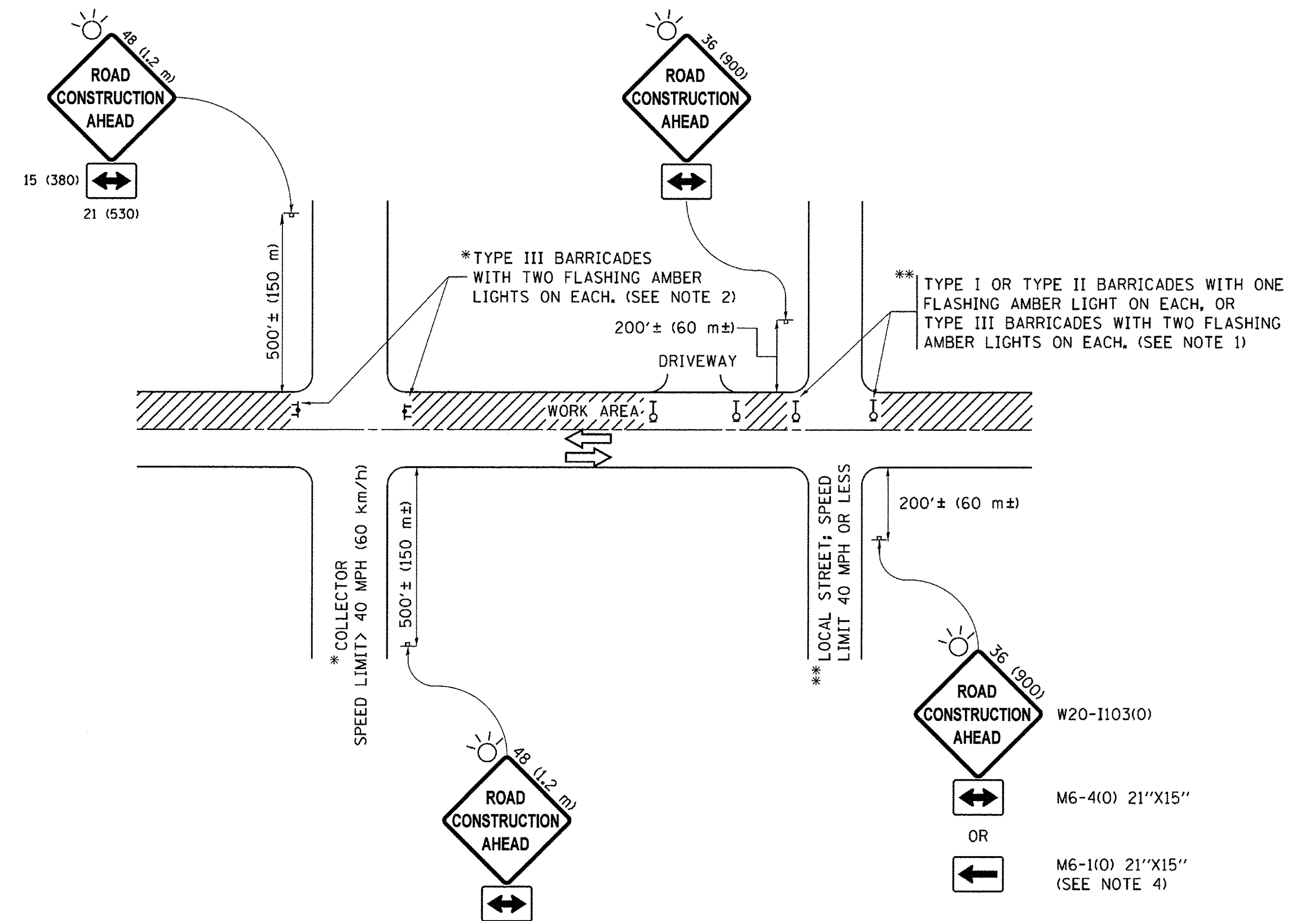
**NOTE:**

1. JOINT FILLER SHALL CONSIST OF A SHEET OF 1/2" (13 mm) BITUMINOUS PREFORMED FIBER JOINT FILLER CONFORMING TO ARTICLE 1051.03 OF THE STANDARD SPECIFICATIONS.
2. THE JOINT SHALL BE SEALED WITH A HOT POUR JOINT SEALER CONFORMING TO ARTICLE 1050.02 OF THE STANDARD SPECIFICATIONS.
3. A SINGLE LAYER OF FELT ROOFING PAPER SHALL SERVE AS A BOND BREAKER.
4. JOINT SHALL CONTINUE THROUGH COMBINATION CURB & GUTTER OR PCC SHOULDER.
5. PAVEMENT SEPARATION JOINT IS TO BE PAID FOR AS "SLEEPER SLAB" AND IS TO BE MEASURED IN PLACE BY THE LINEAL FOOT.
6. BOND BREAKER AND 1/2" (13 mm) JOINT AND FILLER SHALL BE INCIDENTAL TO THE PAY ITEM "SLEEPER SLAB".



**PROPOSED SECTION A-A**

FILE NAME = bd52.dgn	USER NAME = leypa	DESIGNED - DRAWN -	REVISED - REVISED - REVISED - REVISED -	CADD 06-18-10	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAIL OF PAVEMENT SEPARATION JOINT FOR JOINTED PCC PAVEMENTS AT INTERSECTIONS</b>		F.A.U. RTE. 2853	SECTION 14-00273-00-BT	COUNTY COOK	TOTAL SHEETS 274	SHEET NO. 245
	PLOT SCALE = 49.9999' / IN. PLOT DATE = 2/25/2011	CHECKED - DATE -				SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	<b>BD52</b>		CONTRACT NO. 61D36	ILLINOIS FED. AID PROJECT



**NOTES:**

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in inches (millimeters) unless otherwise shown.

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

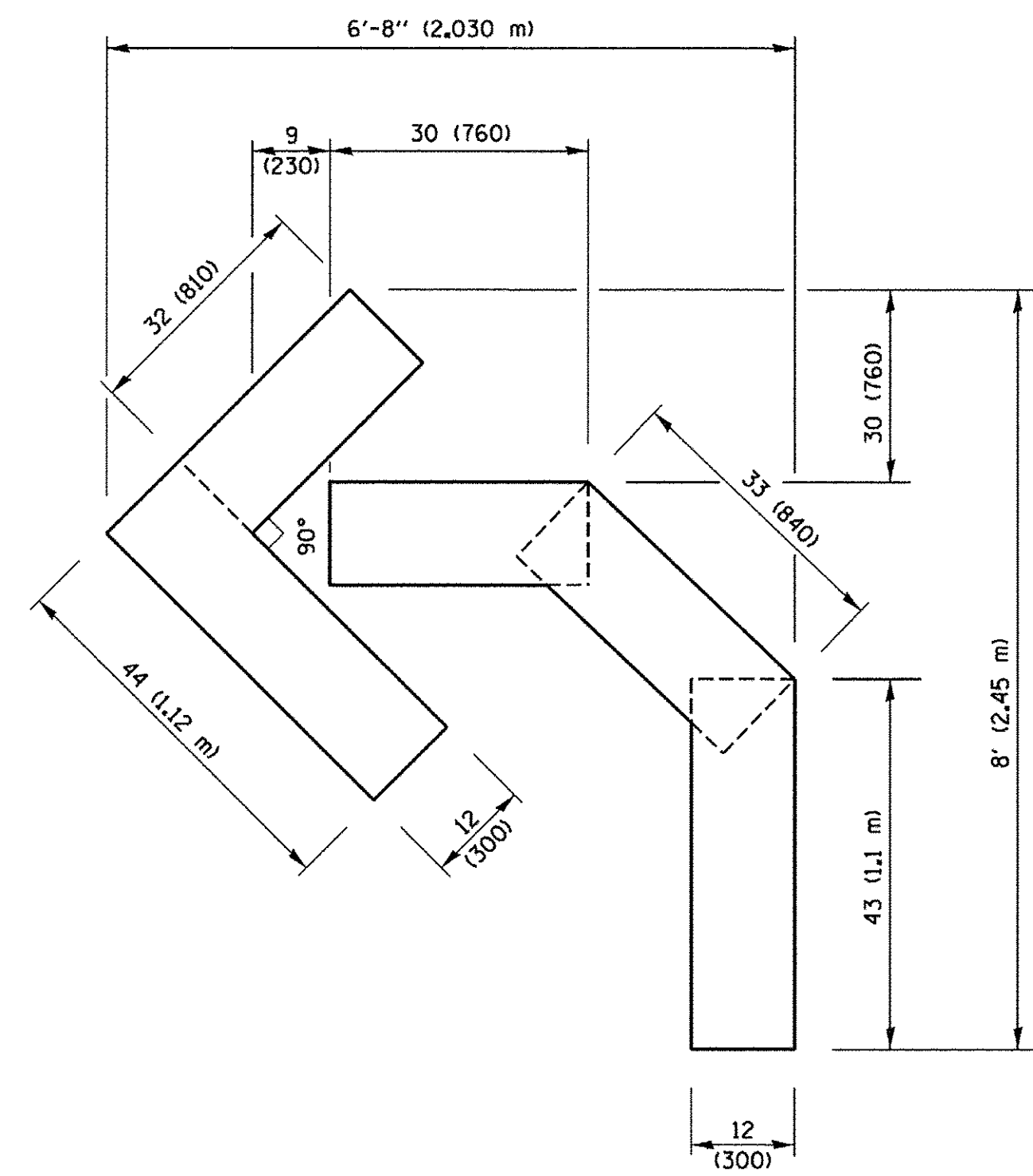
**TRAFFIC CONTROL AND PROTECTION FOR  
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

FILE NAME =	USER NAME = footemj	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
pwr\ill084EBIDINTEG\illinois.gov\FWIDOT\Documents\DOT Offices\District 1\Projects\Dist	DRAWN\CADData\CADsheets\to10.dgn	REVISOR - T. RAMMACHER 01-06-00	REVISED - A. SCHUETZE 07-01-13
Default	PLOT SCALE = 50.000' / 1 in.	CHECKED -	REVISED - A. SCHUETZE 09-15-16
	PLOT DATE = 9/15/2016	DATE - 06-89	

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

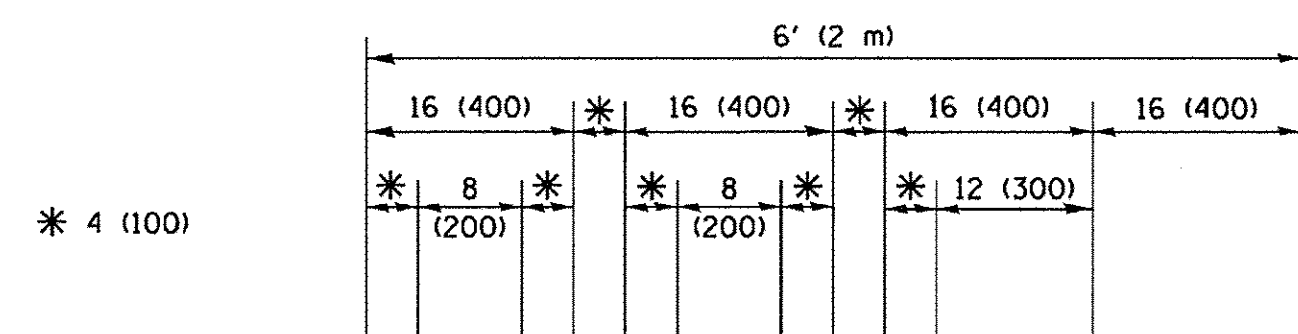
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2853	14-00273-00-BT	COOK	274	246
TC-10			CONTRACT NO. 61D36	
ILLINOIS FED. AID PROJECT				





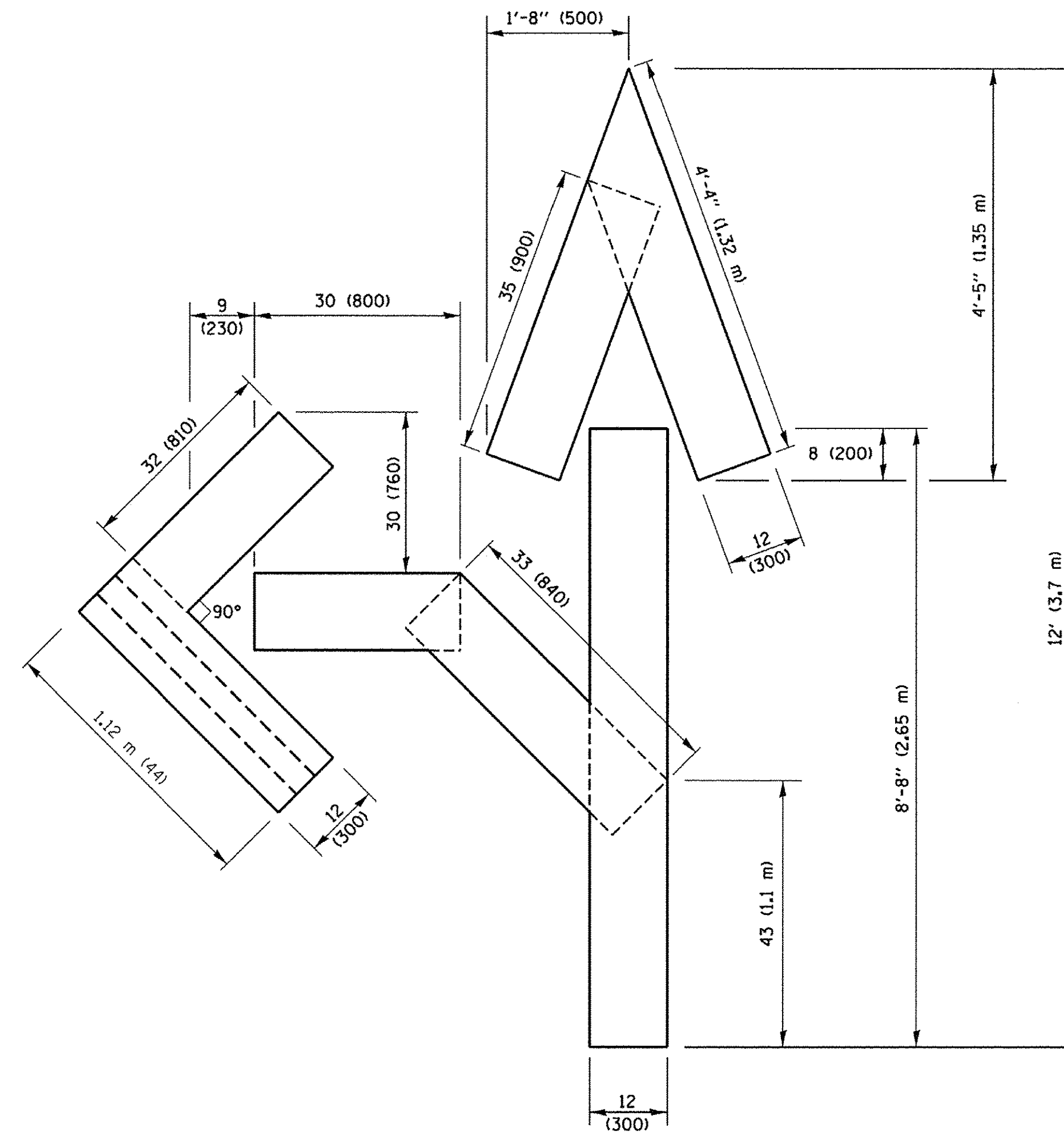
**QUANTITY**

4 (100) LINE = 45.5 ft. (13.9 m)  
15.2 sq. ft. (1.41 sq. m)



**QUANTITY**

4 (100) LINE = 64.1 ft. (19.5 m)  
21.4 sq. ft. (1.99 sq. m)

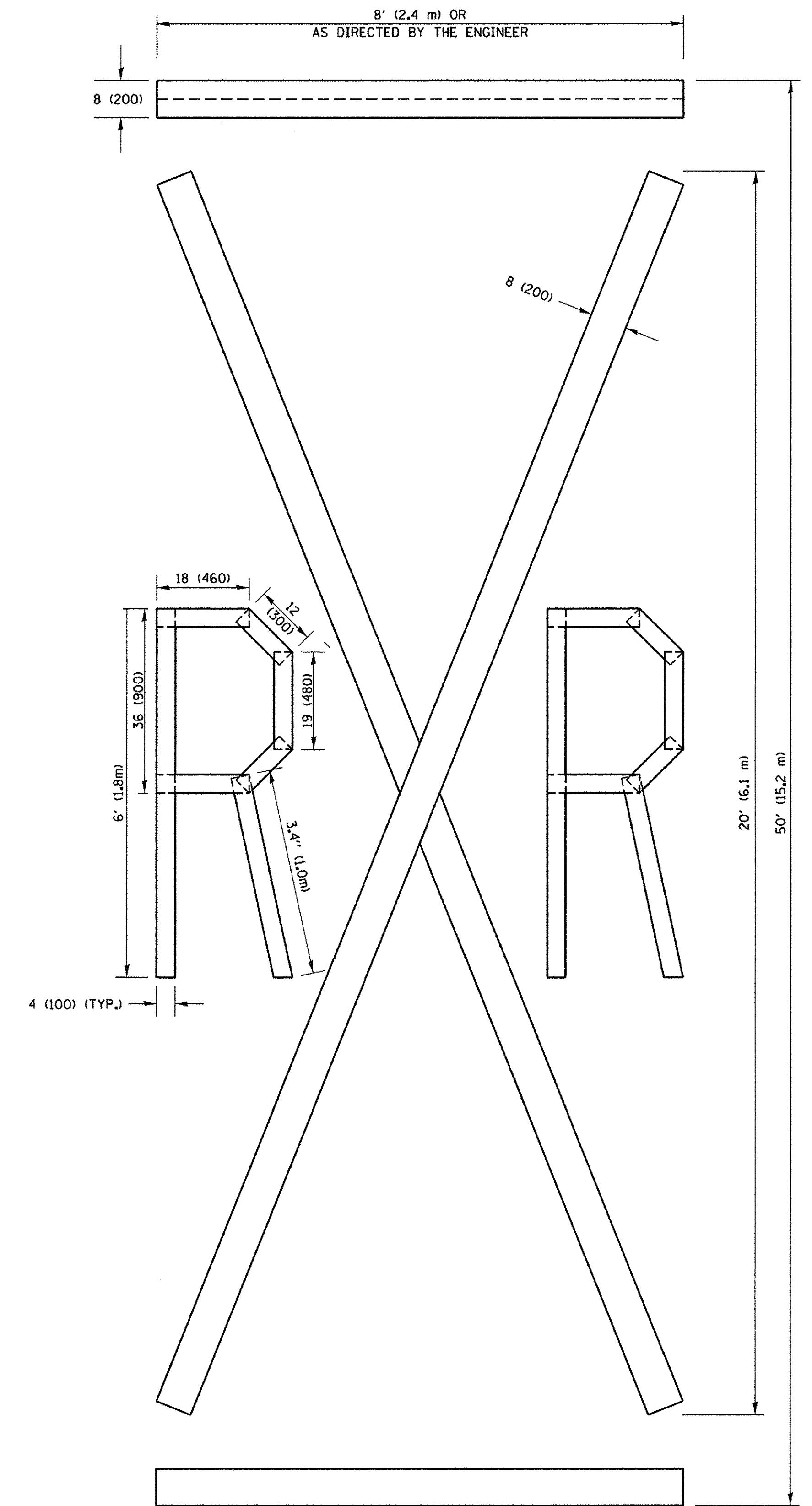


**QUANTITY**

4 (100) LINE = 82.5 ft. (25.1 m)  
27.5 sq. ft. (2.53 sq. m)

**NOTE:**

ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



**QUANTITY**

4 (100) LINE = 225.9 ft. (68.9 m)  
75.3 sq. ft. (6.99 sq. m)

All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = Footemj	DESIGNED -	REVISED -T. RAMMACHER 03-02-98
pw\l\084EBIDINTEG\illinois.gov\PI00T\Documents\DOT Offices\District 1\Projects\Dist 1\Drawn\CADD\to\CAD\sheet\16.dgn		CHECKED -	REVISED -E. GOMEZ 08-28-00
		DATE - 09-18-94	REVISED -E. GOMEZ 08-28-00
			REVISED -A. SCHUETZE 09-15-16

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2853	14-00273-00-BT	COOK	274	248
TC-16			CONTRACT NO. 61D36	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**ROUTE MARKERS**

FOR U.S. ROUTES  
M1-40-2424

FOR ILLINOIS ROUTES  
M1-50-2424

R.R., UNMARKED ROUTES  
SPECIAL 24" x 18" VARIABLE  
4" BLACK LETTERS ON WHITE  
REFLECTIVE BACKGROUND

**ARROWS SIGNS**

M5-1L-2115

M5-1R-2115

M6-1-2115

M6-1-2115

M6-3-2115

**CARDINAL DIRECTION & DETOUR SIGNS**

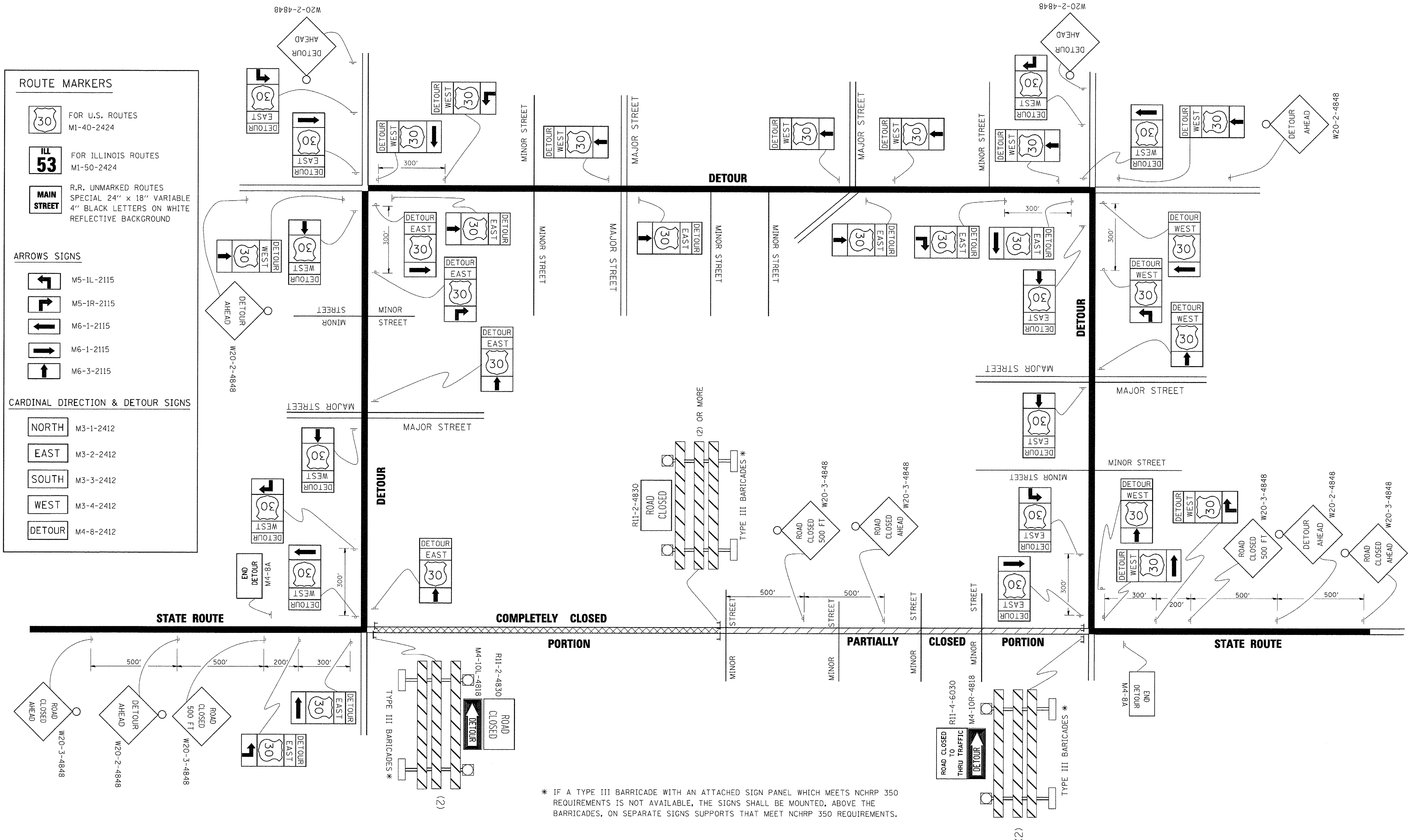
NORTH M3-1-2412

EAST M3-2-2412

SOUTH M3-3-2412

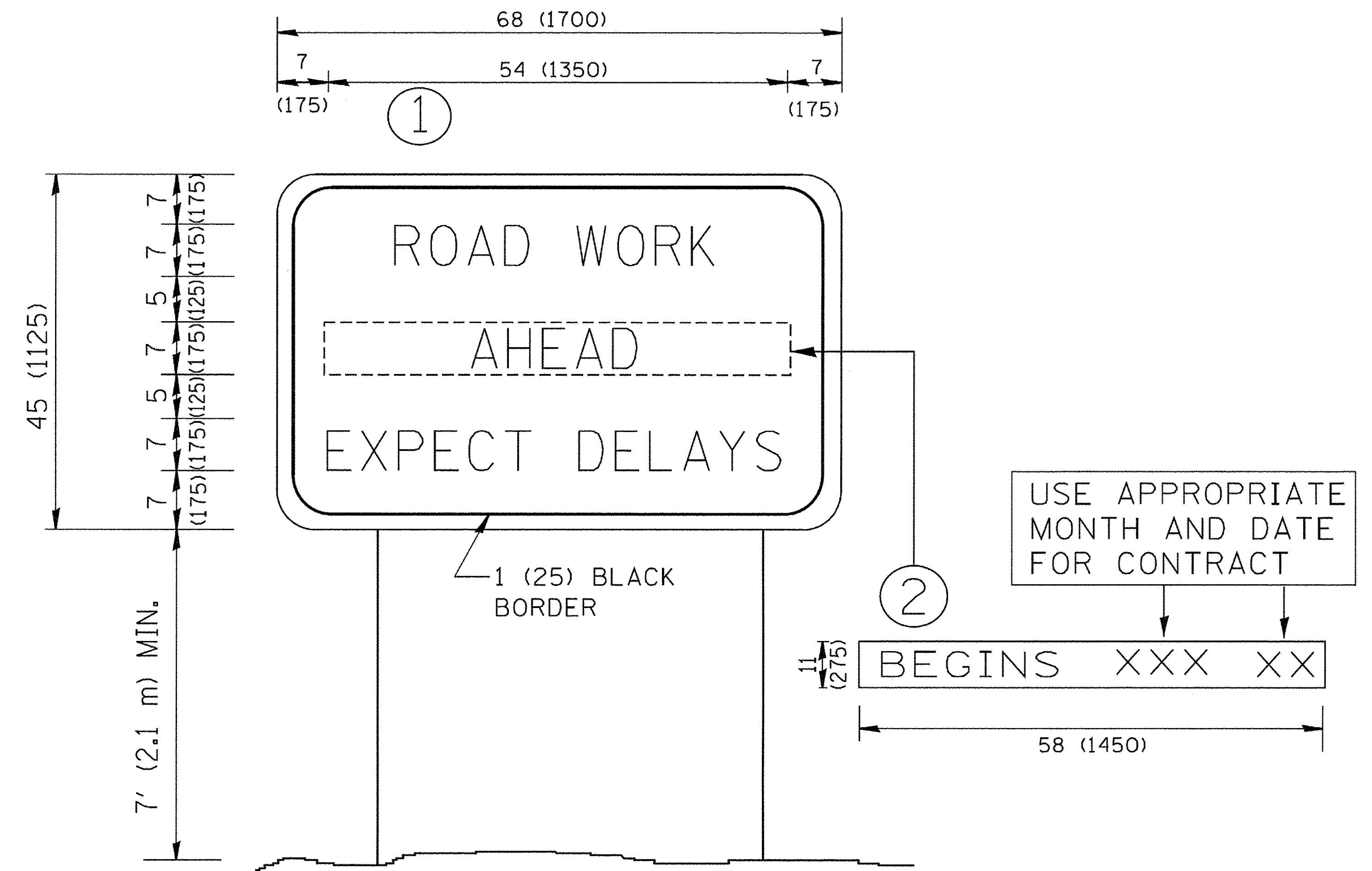
WEST M3-4-2412

DETOUR M4-8-2412



\* IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.

FILE NAME =	USER NAME = drlvakoegr	DESIGNED -	REVISED - 10-18-02	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETOUR SIGNING FOR CLOSING STATE HIGHWAYS</b>			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pw_work\VPWIDOT\DRIVAKOGR\08108315\21.dgn		DRAWN -	REVISED - R, BORO 09-14-09		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	2853	14-00273-00-BT	COOK	274	249
		PLOT SCALE = 49.9999' / IN.	REVISED -					<b>TC-21</b>		CONTRACT NO. 61D36			
		PLOT DATE = 9/14/2009	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT								



**NOTES:**

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

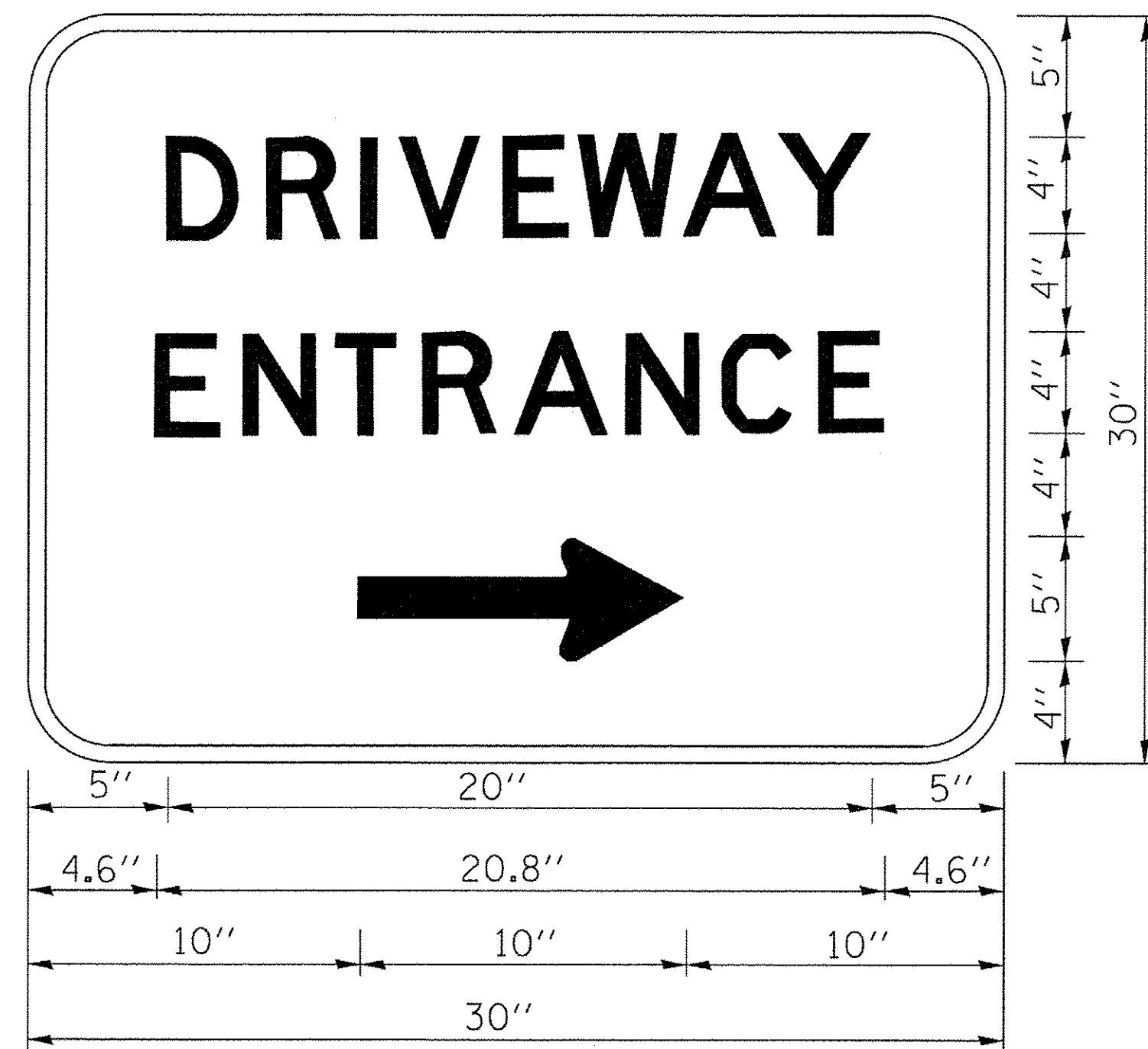
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\diststd\22x34\to22.dgn	USER NAME = geg1onabt	DESIGNED - DRAWN -	REVISED - REVISED -
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>ARTERIAL ROAD INFORMATION SIGN</b>	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2853	14-00273-00-BT	COOK	274	250
<b>TC-22</b>		<b>CONTRACT NO.</b>	61D36	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED  
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

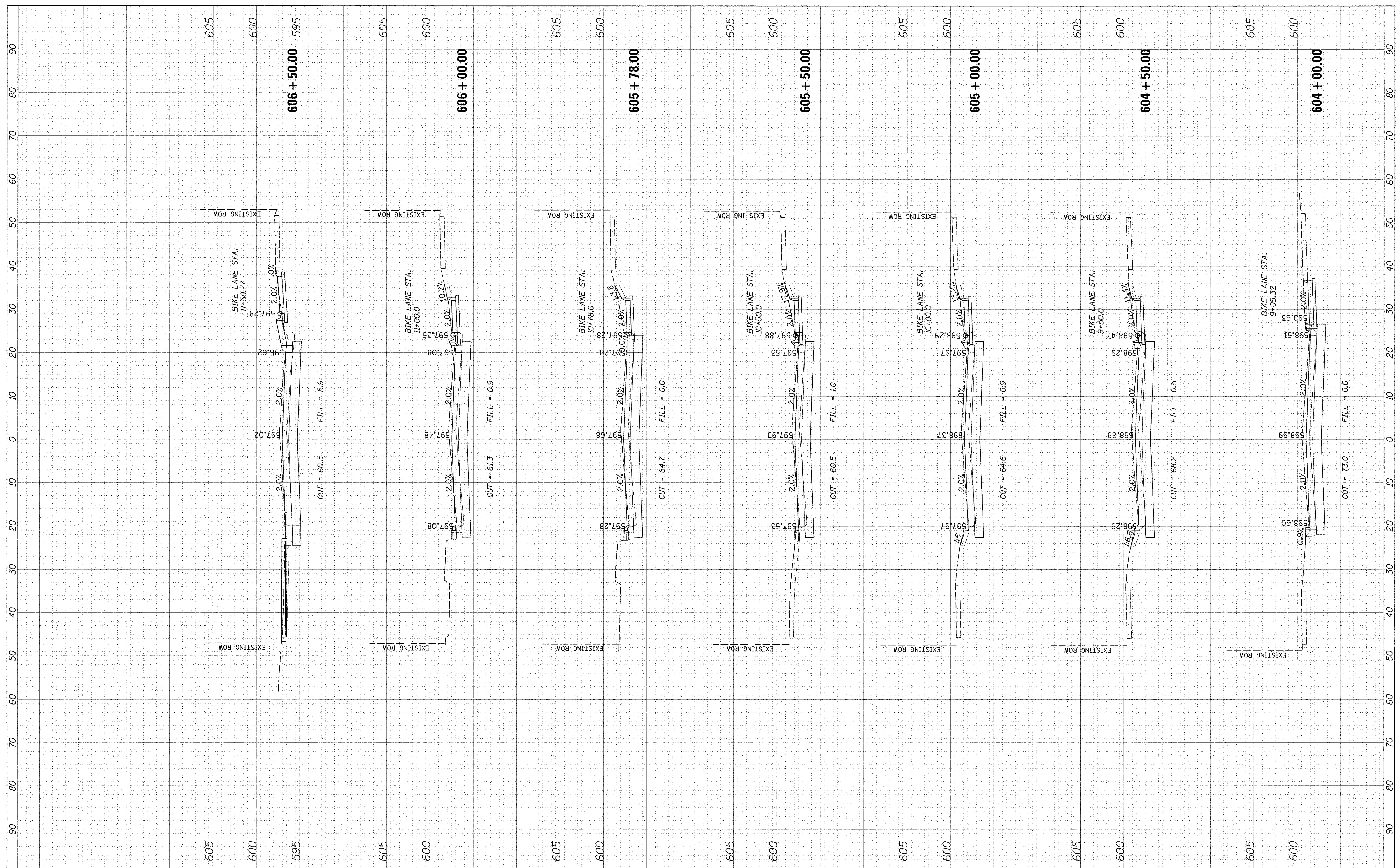
**NOTES:**

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE  
 PLACED BACK-TO-BACK; ONE WITH A RIGHT HAND ARROW (SHOWN)  
 SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY  
 AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE  
 FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

FILE NAME =	USER NAME = gaglianob	DESIGNED -	REVISED - C. JUCIUS 02-15-07	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRIVEWAY ENTRANCE SIGNING</b>			F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct\pw_work\pwidot\gaglianob\0108315\td	26.dgn	DRAWN -	REVISED -					2853	14-00273-00-BT	COOK	274	251
	PLOT SCALE = 50.000' / in.	CHECKED -	REVISED -		<b>TC-26</b>			<b>CONTRACT NO. 61D36</b>				
	PLOT DATE = 12/13/2012	DATE -	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT			

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

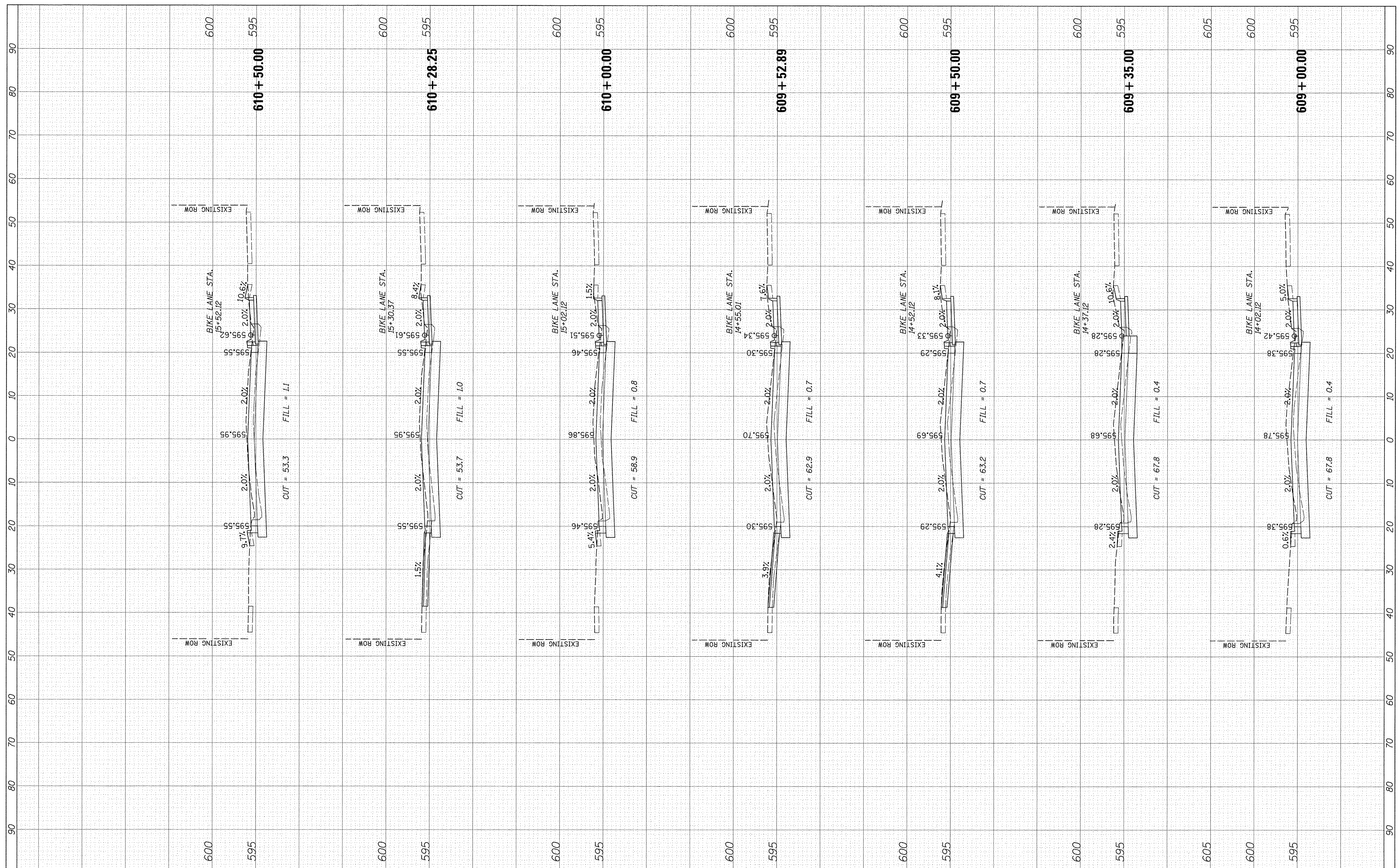


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Default	PLOT SCALE = 10'	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 604+00.00	TO STA. 606+50.00	ILLINOIS FED. AID PROJECT	
	PLOT DATE = 11/15/2016	CHECKED -	REVISED -								CONTRACT NO. 61D36	
		DATE -	REVISED -									



FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS	TEMPLATE		
CHECKED			

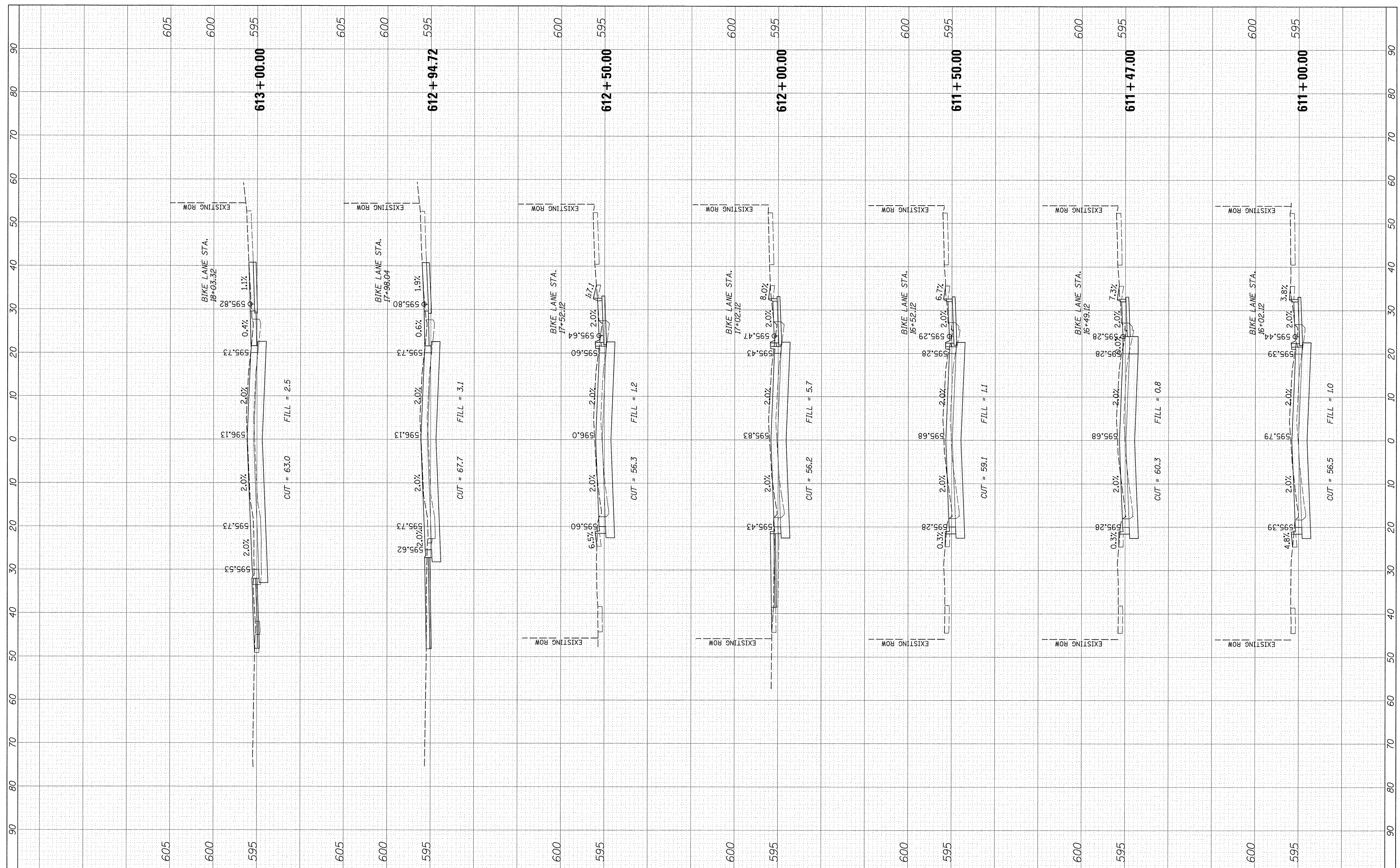
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NOTE BOOK	PLOTTED		
AREAS	TEMPLATE		
CHECKED			



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Default	PLOT SCALE = 10'	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 609+00.00	TO STA. 610+50.00	CONTRACT NO. 61D36	
	PLOT DATE = 11/15/2016	CHECKED -	REVISED -								ILLINOIS FED. AID PROJECT	
		DATE -	REVISED -									

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

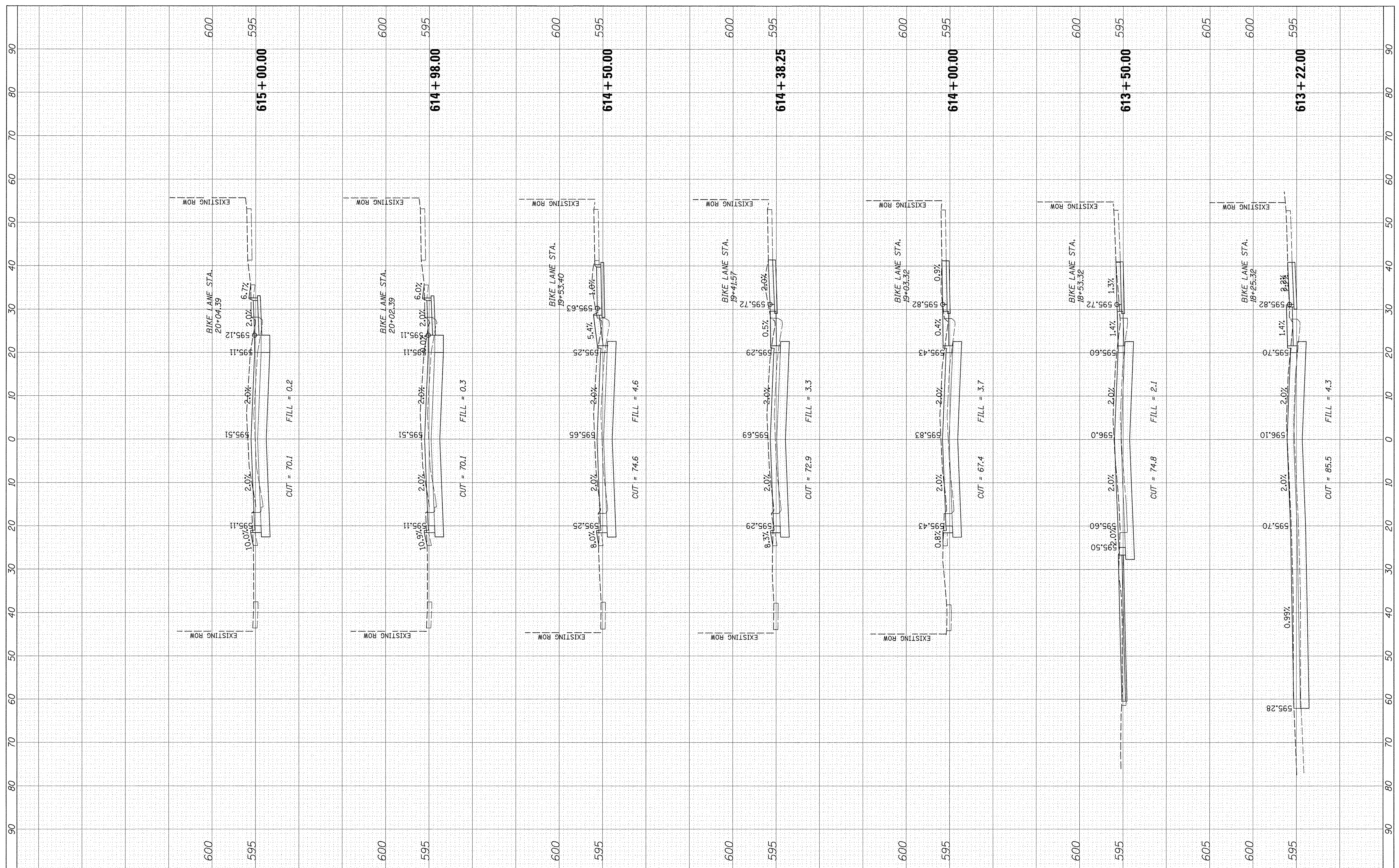
ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		



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Default	PLOT SCALE = 10'	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 611+00.00	TO STA. 613+00.00	CONTRACT NO. 61D36	
	PLOT DATE = 11/15/2016	CHECKED -	REVISED -								ILLINOIS FED. AID PROJECT	
		DATE -	REVISED -									

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

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



FILE NAME = N:\EVANSTON\140138.02\C:\1\X5\_140138.02\_RECON.sst  
 USER NAME = mmicholowicz  
 PLOT SCALE = 10'  
 PLOT DATE = 11/15/2016

DESIGNED -	REVISD -
DRAWN -	REVISD -
CHECKED -	REVISD -
DATE -	REVISD -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SHERIDAN ROAD RECONSTRUCTION  
CROSS SECTIONS**

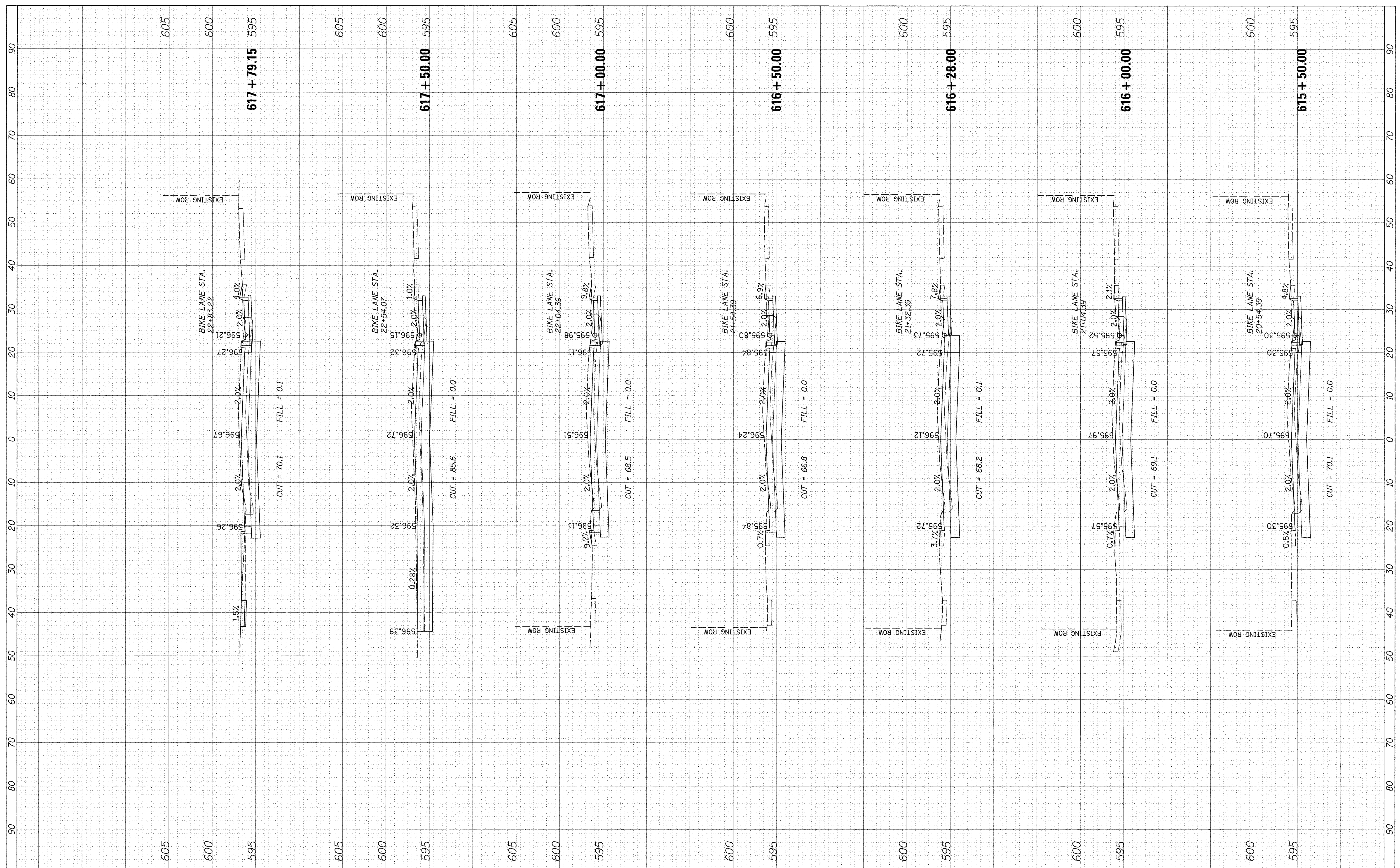
SCALE: SHEET OF SHEETS STA. 613+22.00 TO STA. 615+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2853	14-00273-00-BT	COOK	274	256
CONTRACT NO. 61D36				
ILLINOIS FED. AID PROJECT				



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

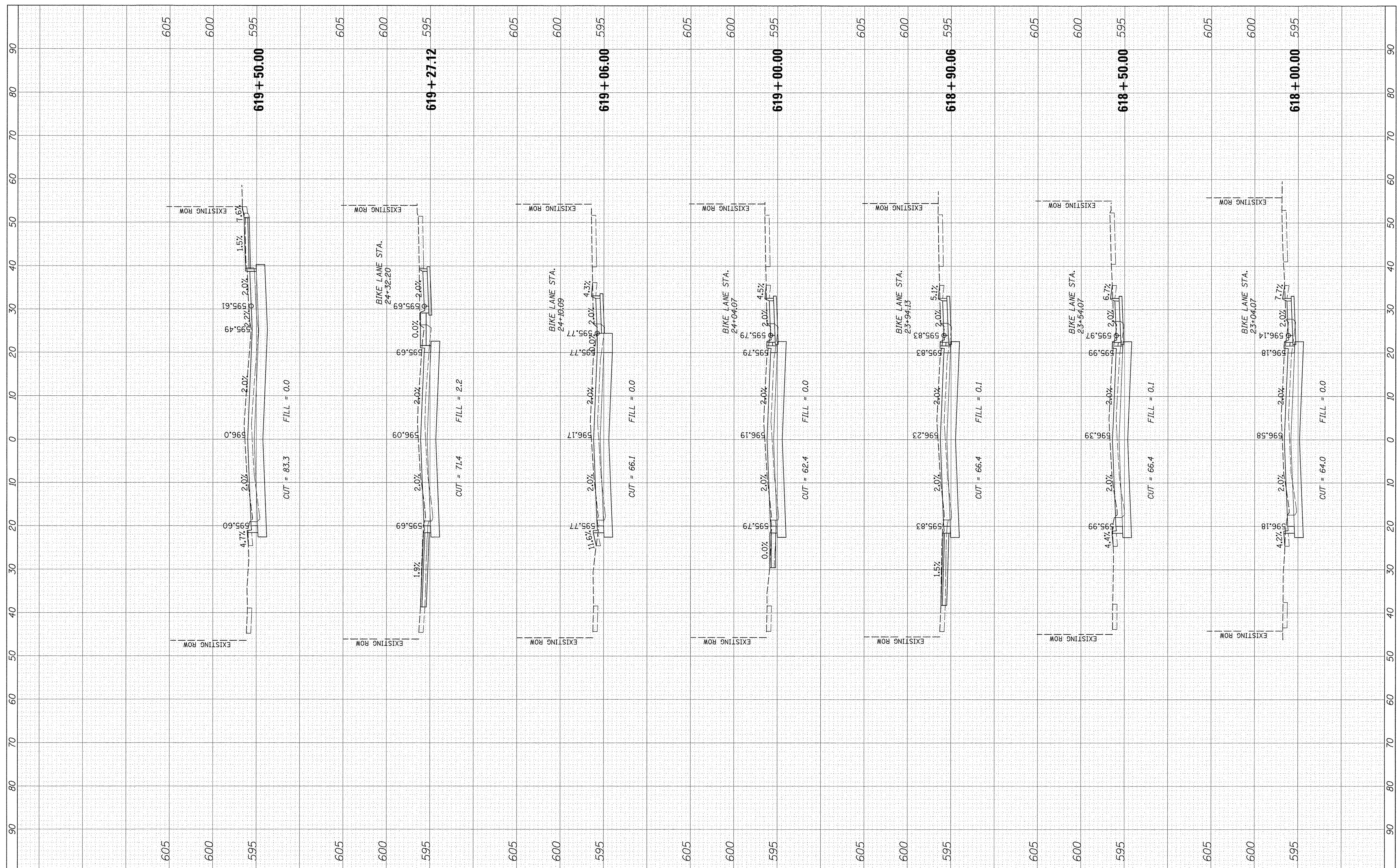
ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		



FILE NAME = N:\EVANSTON\140138.02\Civil\KS_140138.02.RECON.plt	USER NAME = mmscholaricz	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SHERIDAN ROAD RECONSTRUCTION CROSS SECTIONS</b>			F.A.U. RTE. 2853	SECTION 14-00273-00-BT	COUNTY COOK	TOTAL SHEETS 274	SHEET NO. 257
Default	PLOT SCALE = 10'	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 615+50.00	TO STA. 617+79.15	CONTRACT NO. 61D36	
	PLOT DATE = 11/15/2016	CHECKED -	REVISED -								ILLINOIS FED. AID PROJECT	
		DATE -	REVISED -									

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

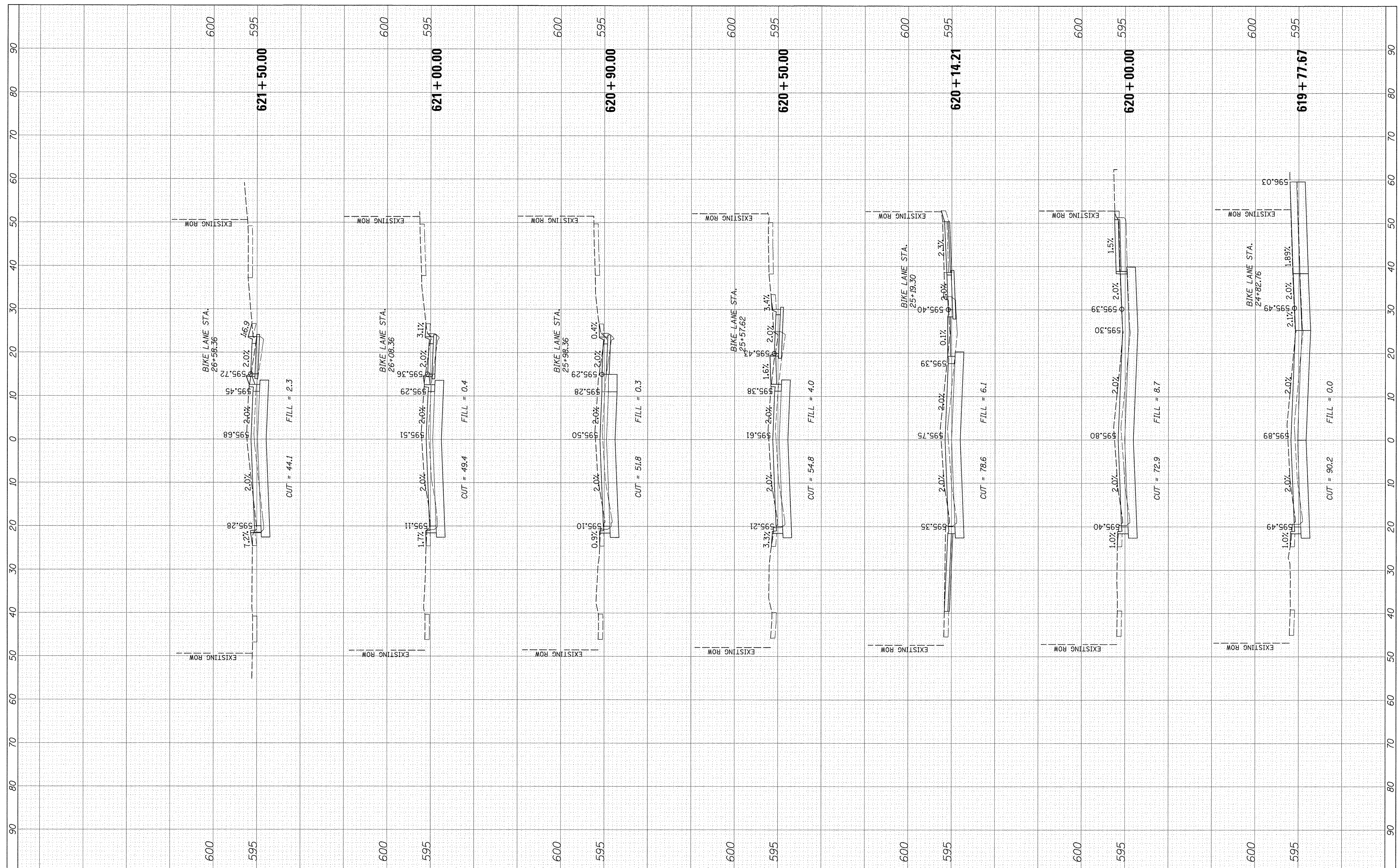
ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	CHECKED		



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Default	PLOT SCALE = 10'	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 618+00.00	TO STA. 619+50.00	ILLINOIS FED. AID PROJECT	
	PLOT DATE = 11/15/2016	CHECKED -	REVISED -								CONTRACT NO. 61D36	
		DATE -	REVISED -									

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

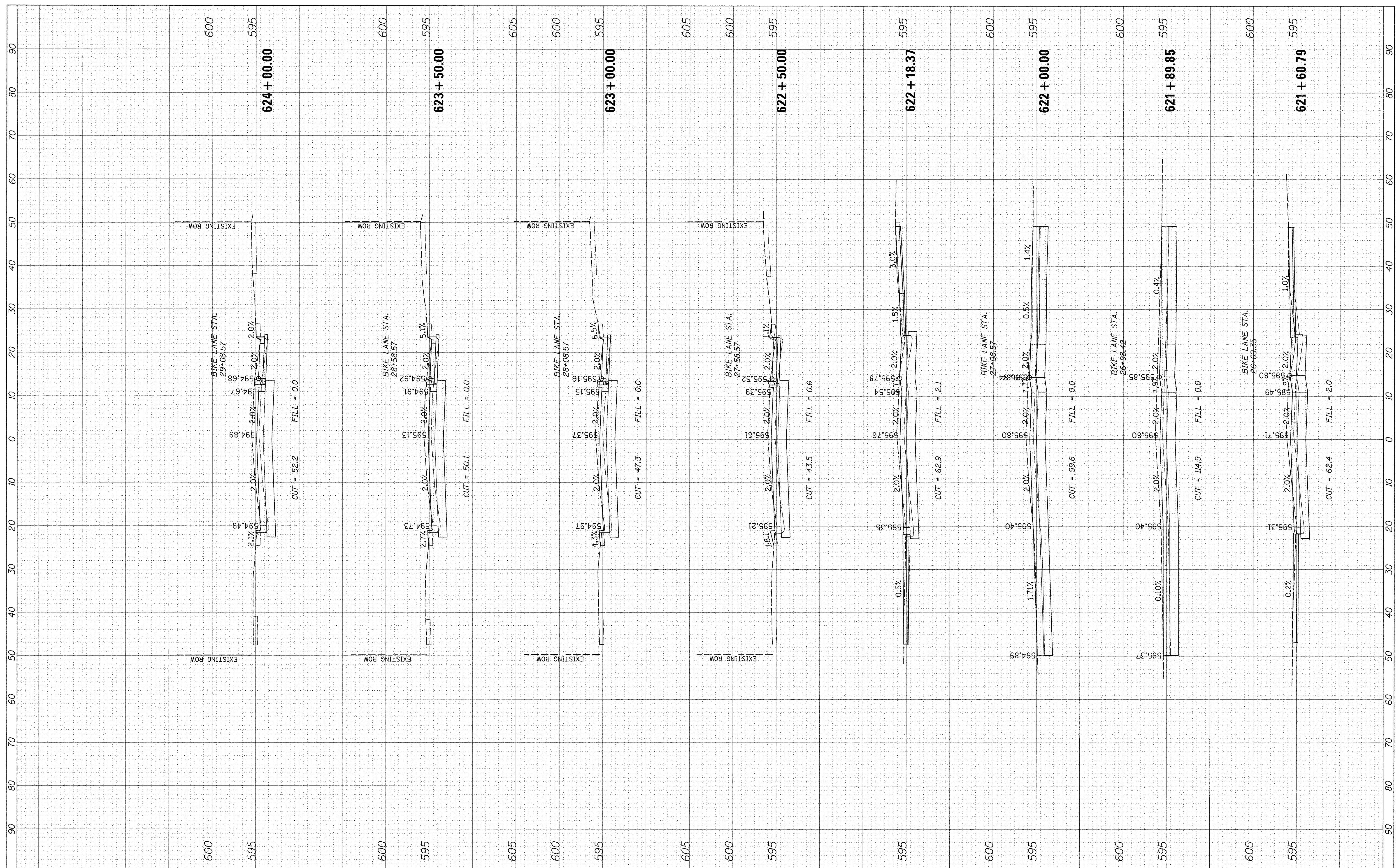
ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		



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Default	PLOT SCALE = 10'	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 619+77.67	TO STA. 621+50.00	CONTRACT NO. 61D36	
	PLOT DATE = 11/15/2016	CHECKED -	REVISED -								ILLINOIS FED. AID PROJECT	
		DATE -	REVISED -									

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

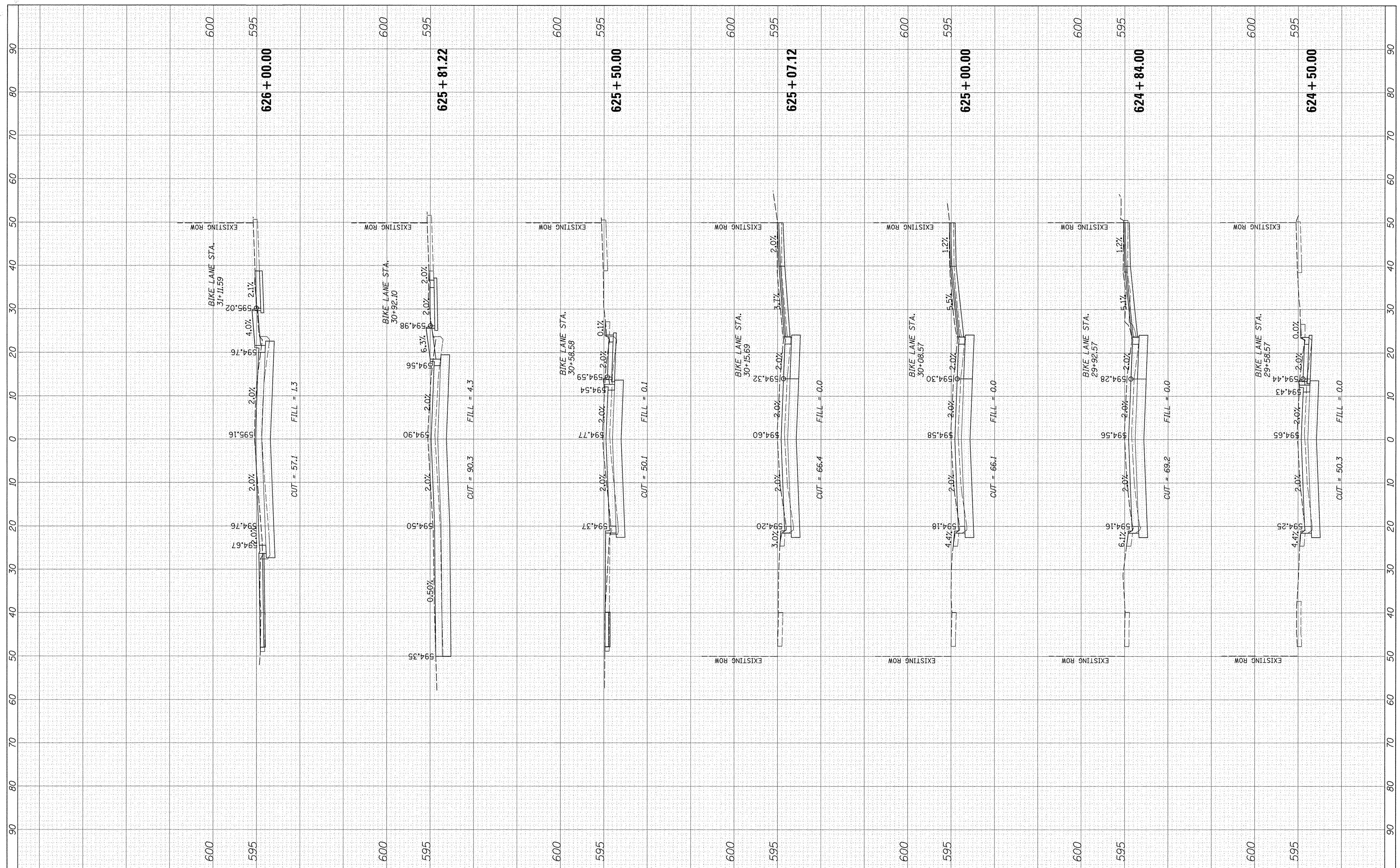
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NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	CHECKED		



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Default	PLOT SCALE = 10'	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 621+60.79	TO STA. 624+00.00	CONTRACT NO. 61D36	
	PLOT DATE = 11/15/2016	CHECKED -	REVISED -								ILLINOIS FED. AID PROJECT	
		DATE -	REVISED -									

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

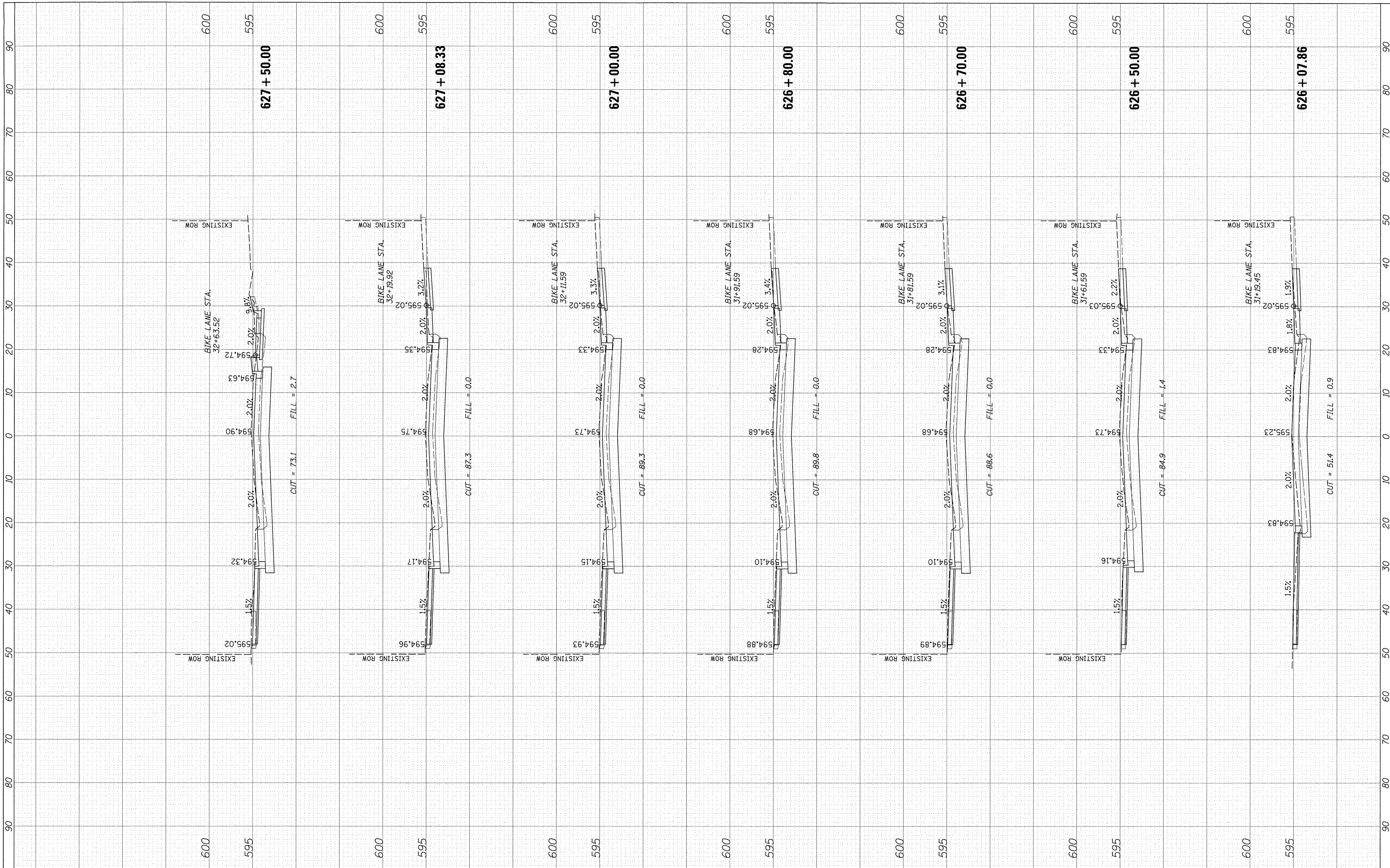
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NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
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	AREAS CHECKED		



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Default	PLOT SCALE = 10'	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 624+50.00	TO STA. 626+00.00	CONTRACT NO. 61D36	
	PLOT DATE = 11/15/2016	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									

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

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



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 PLOT SCALE = 10'  
 PLOT DATE = 11/15/2016

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

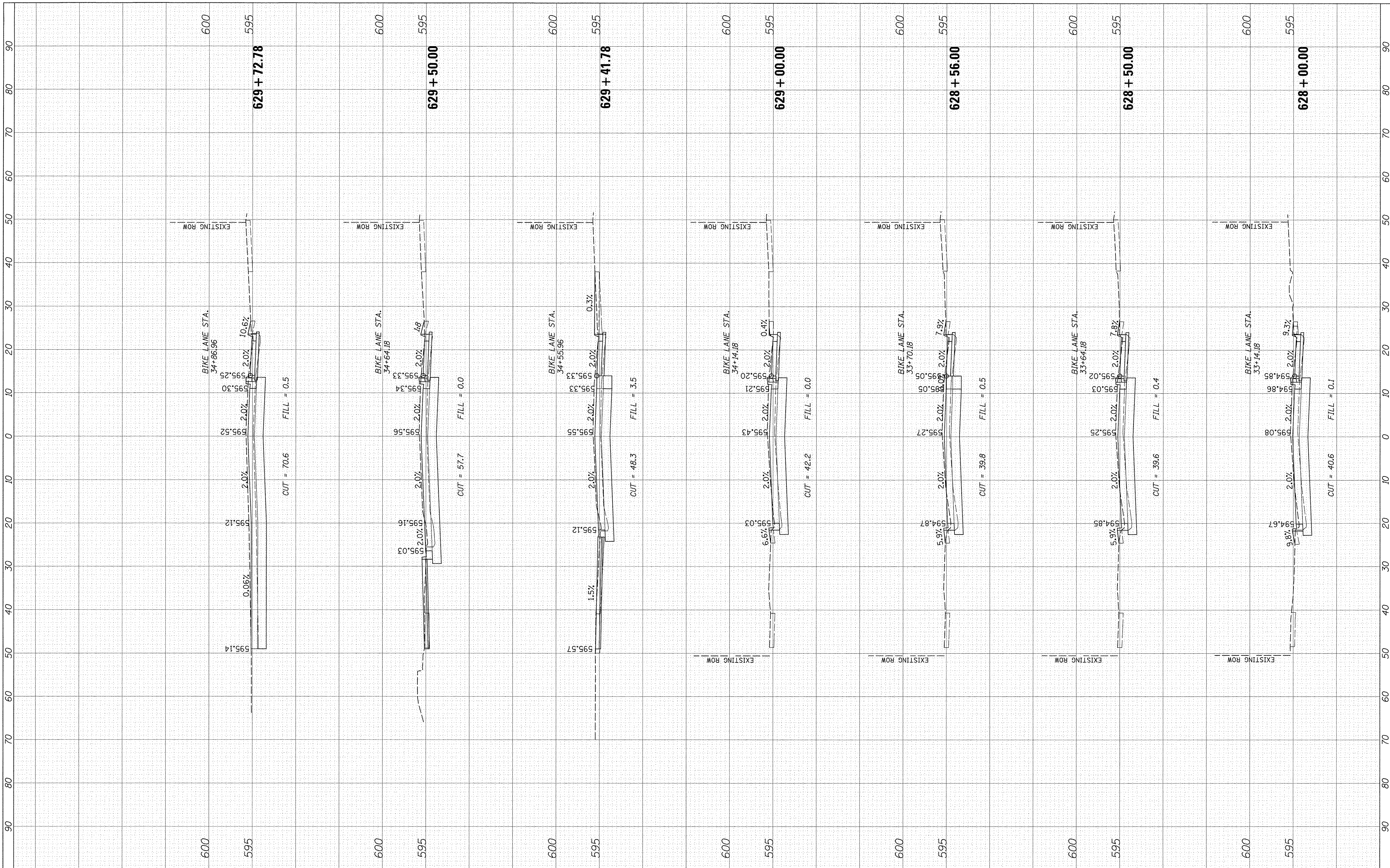
**SHERIDAN ROAD RECONSTRUCTION  
 CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 626+07.86 TO STA. 627+50.00

F.A.U. RTE. 2853	SECTION 14-00273-00-BT	COUNTY COOK	TOTAL SHEETS 274	SHEET NO. 262
CONTRACT NO. 61D36			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	DATE
SURVEYED	BY
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

ORIGINAL SURVEY	DATE
SURVEYED	BY
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	



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 USER NAME = nmschalowicz  
 PLOT SCALE = 10'  
 PLOT DATE = 11/15/2016

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

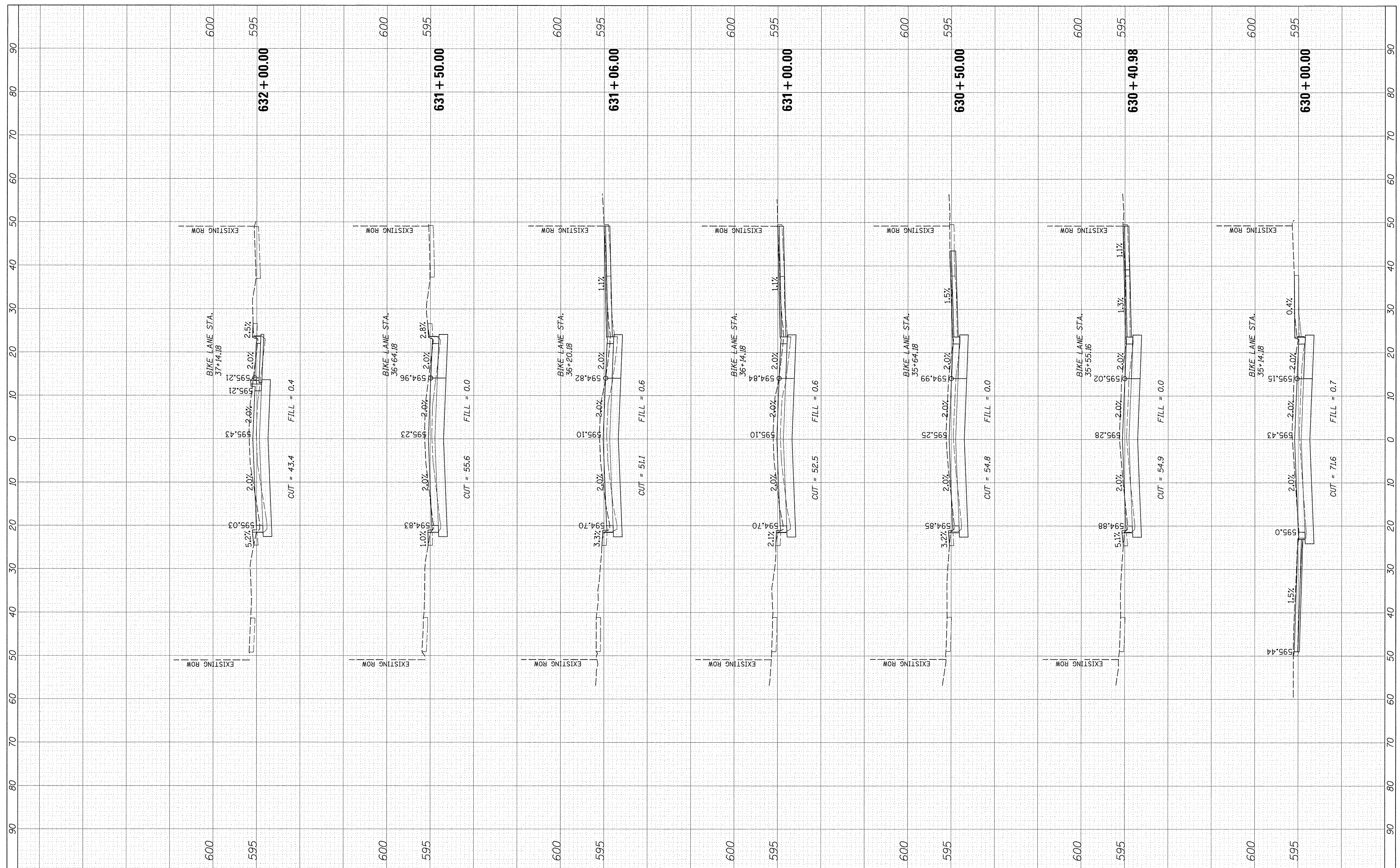
**SHERIDAN ROAD RECONSTRUCTION  
CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 628+00.00 TO STA. 629+72.78

F.A.U. RTE. 2853	SECTION 14-00273-00-BT	COUNTY COOK	TOTAL SHEETS 274	SHEET NO. 263
CONTRACT NO. 61D36			ILLINOIS FED. AID PROJECT	

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

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

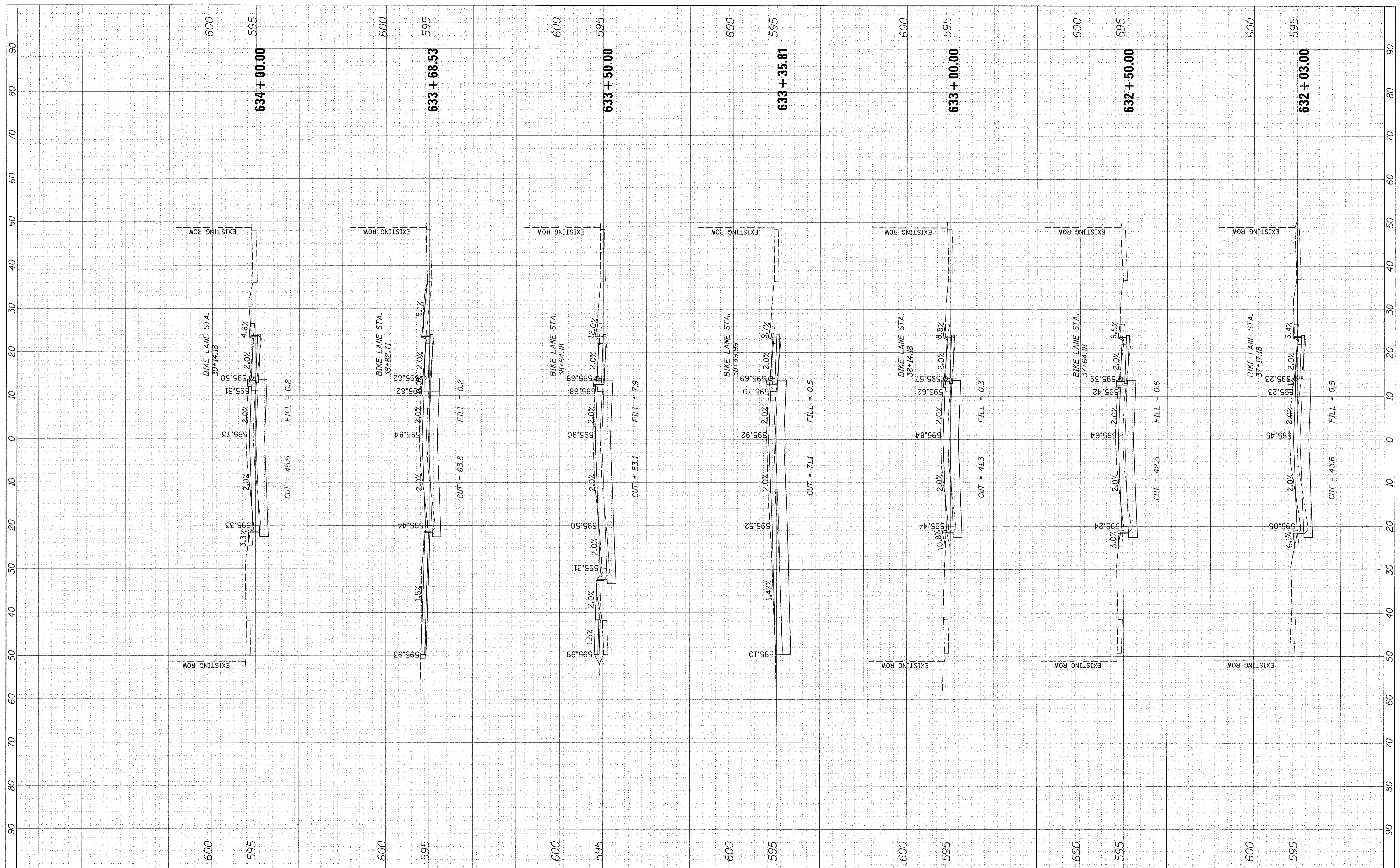


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Default	PLOT SCALE = 10'	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 630+00.00	TO STA. 632+00.00	CONTRACT NO. 61D36	
	PLOT DATE = 11/15/2016	CHECKED -	REVISED -								ILLINOIS FED. AID PROJECT	
		DATE -	REVISED -									



FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

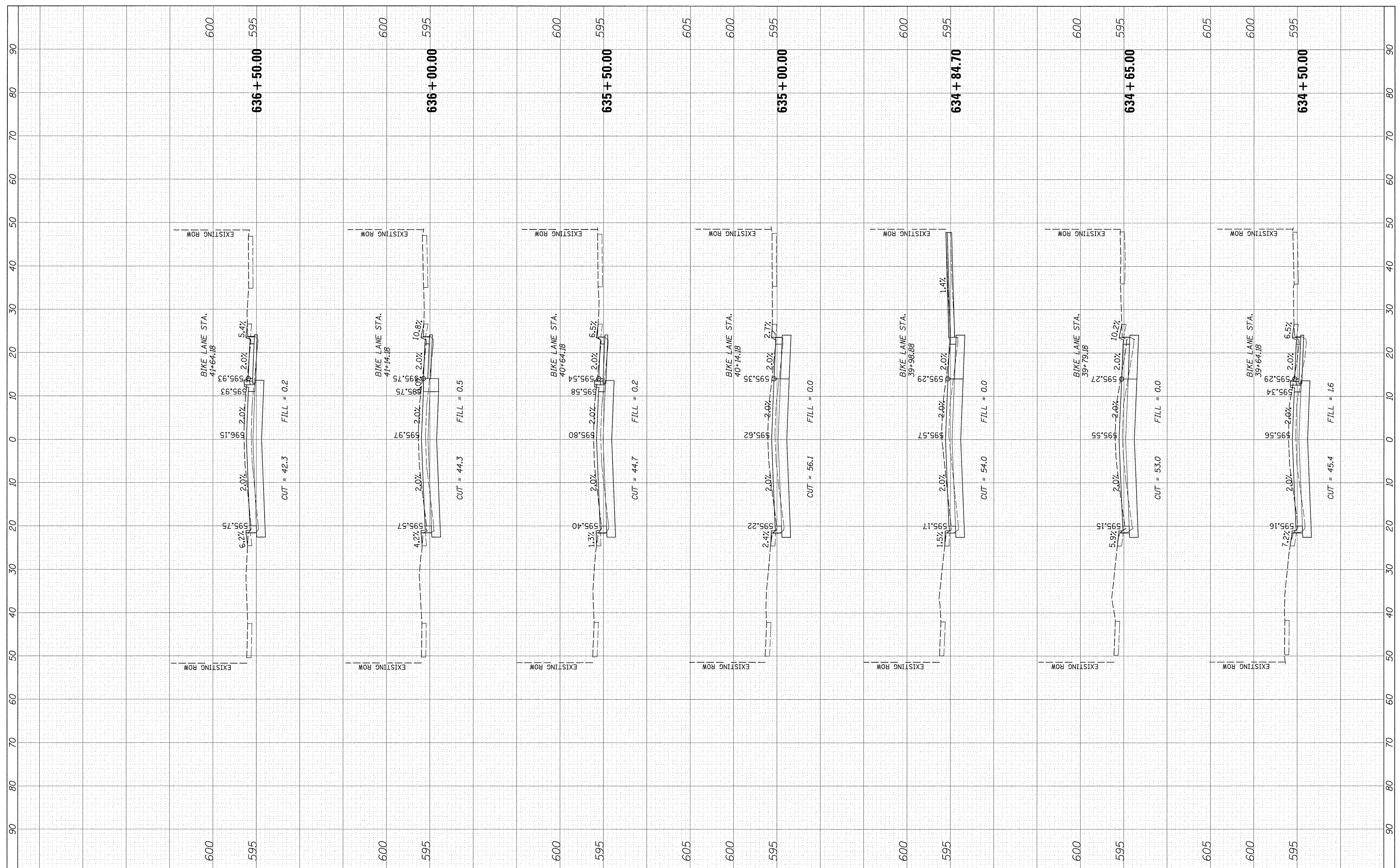
ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		



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Default	PLOT SCALE = 10'	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 632+03.00	TO STA. 634+00.00	CONTRACT NO. 61D36	
	PLOT DATE = 11/15/2016	CHECKED -	REVISED -								ILLINOIS FED. AID PROJECT	
		DATE -	REVISED -									

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
AREAS CHECKED	AREAS CHECKED		

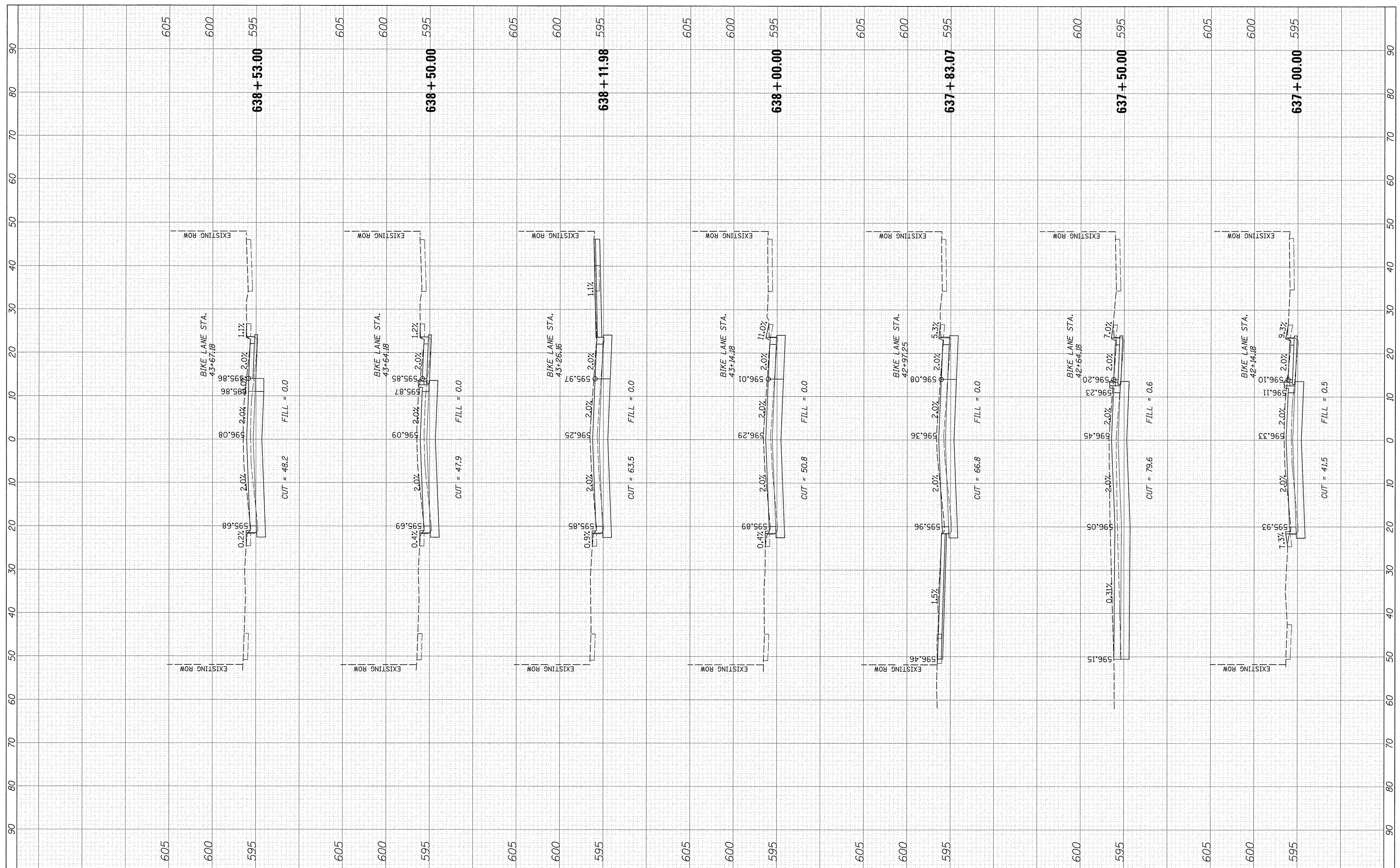
ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
AREAS CHECKED	AREAS CHECKED		



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Default	PLOT SCALE = 10'	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 634+50.00	TO STA. 636+50.00	CONTRACT NO. 61D36	
	PLOT DATE = 11/15/2016	CHECKED -	REVISED -								ILLINOIS FED. AID PROJECT	
		DATE -	REVISED -									

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

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

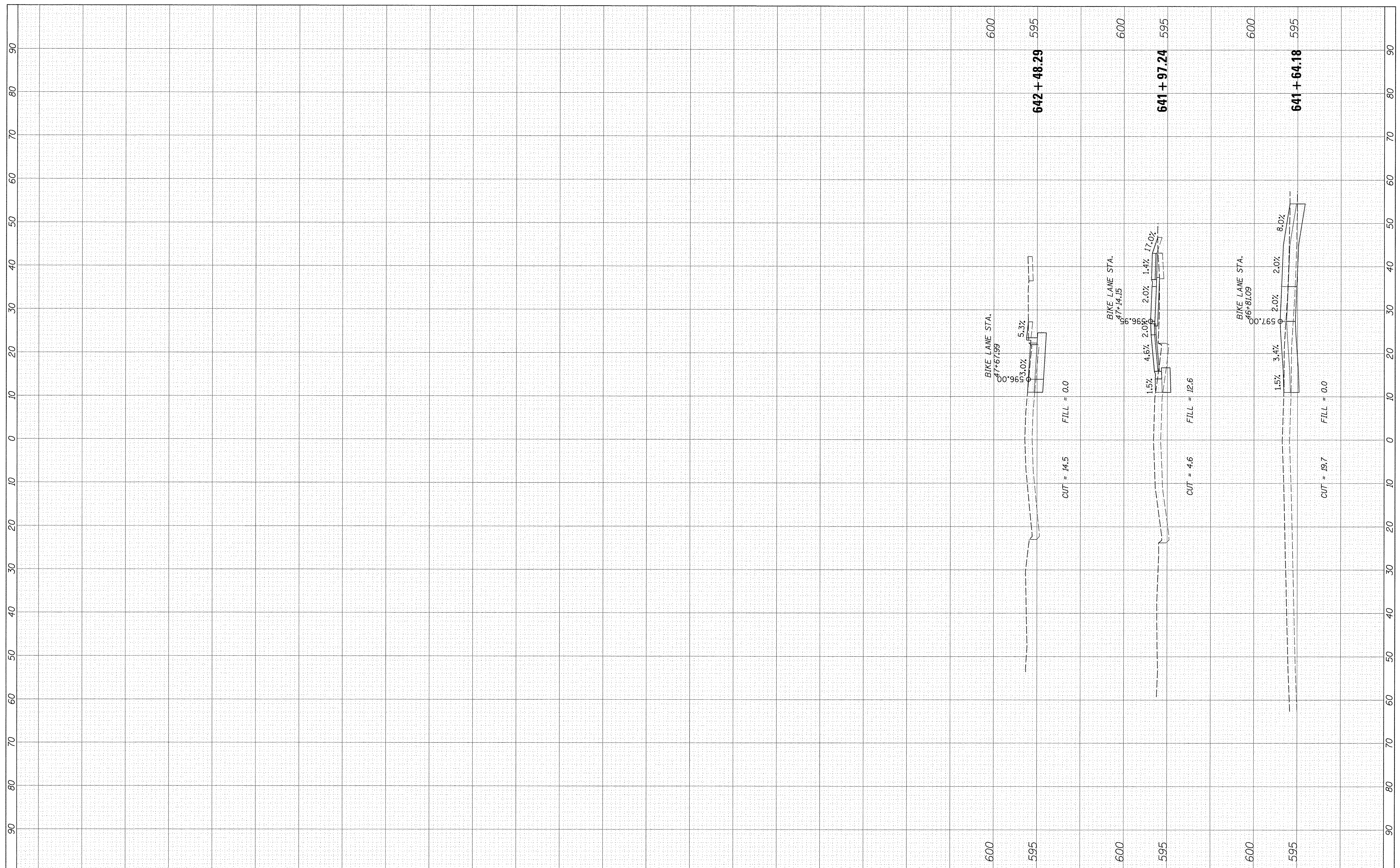


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Default	PLOT SCALE = 10'	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 637+00.00	TO STA. 638+53.00	CONTRACT NO. 61D36	
	PLOT DATE = 11/15/2016	CHECKED -	REVISED -								ILLINOIS FED. AID PROJECT	
		DATE -	REVISED -									



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

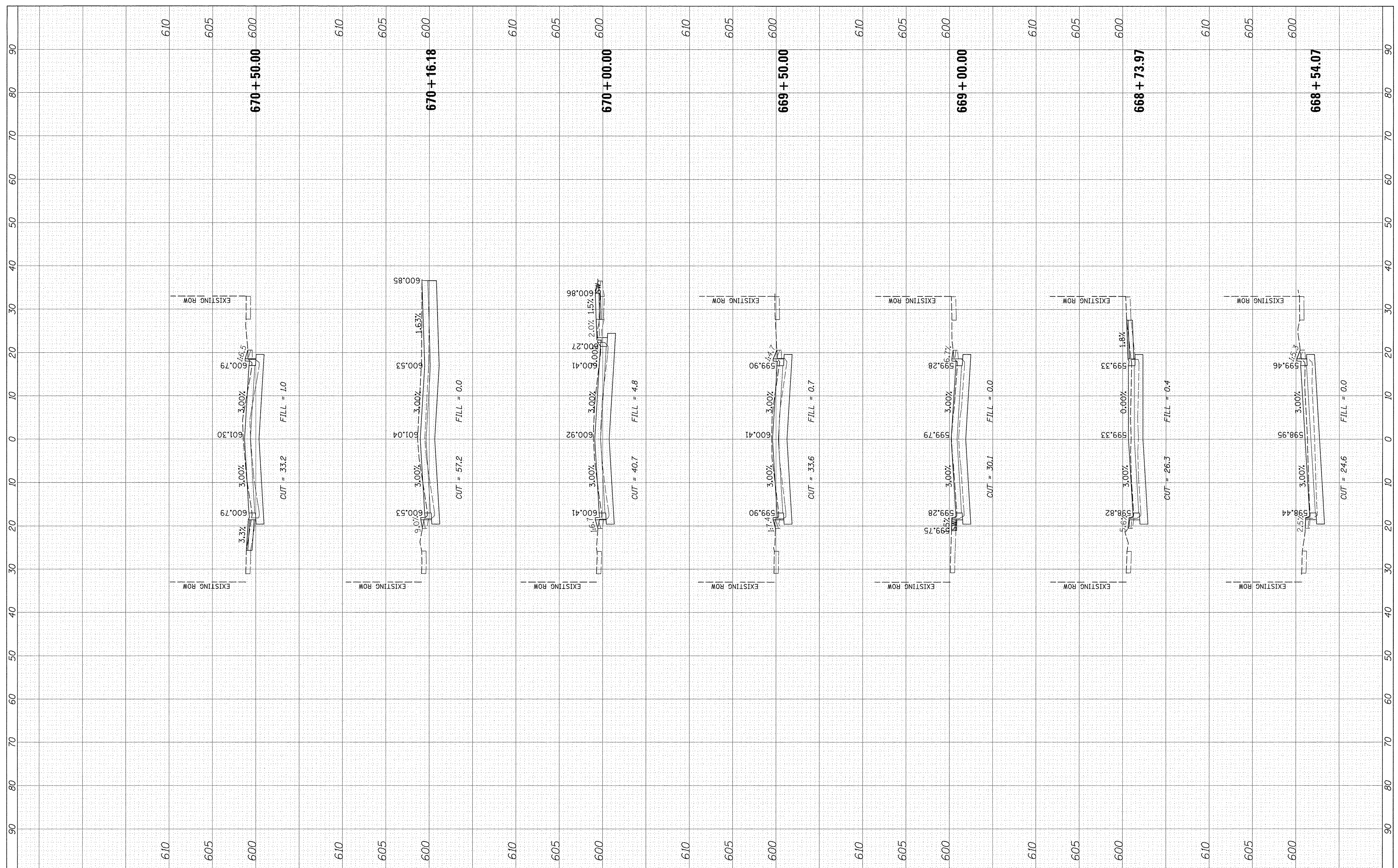
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NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS		
	CHECKED		



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Default	PLOT SCALE = 10'	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 641+64.18	TO STA. 642+48.29	CONTRACT NO. 61D36	
	PLOT DATE = 11/15/2016	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									

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

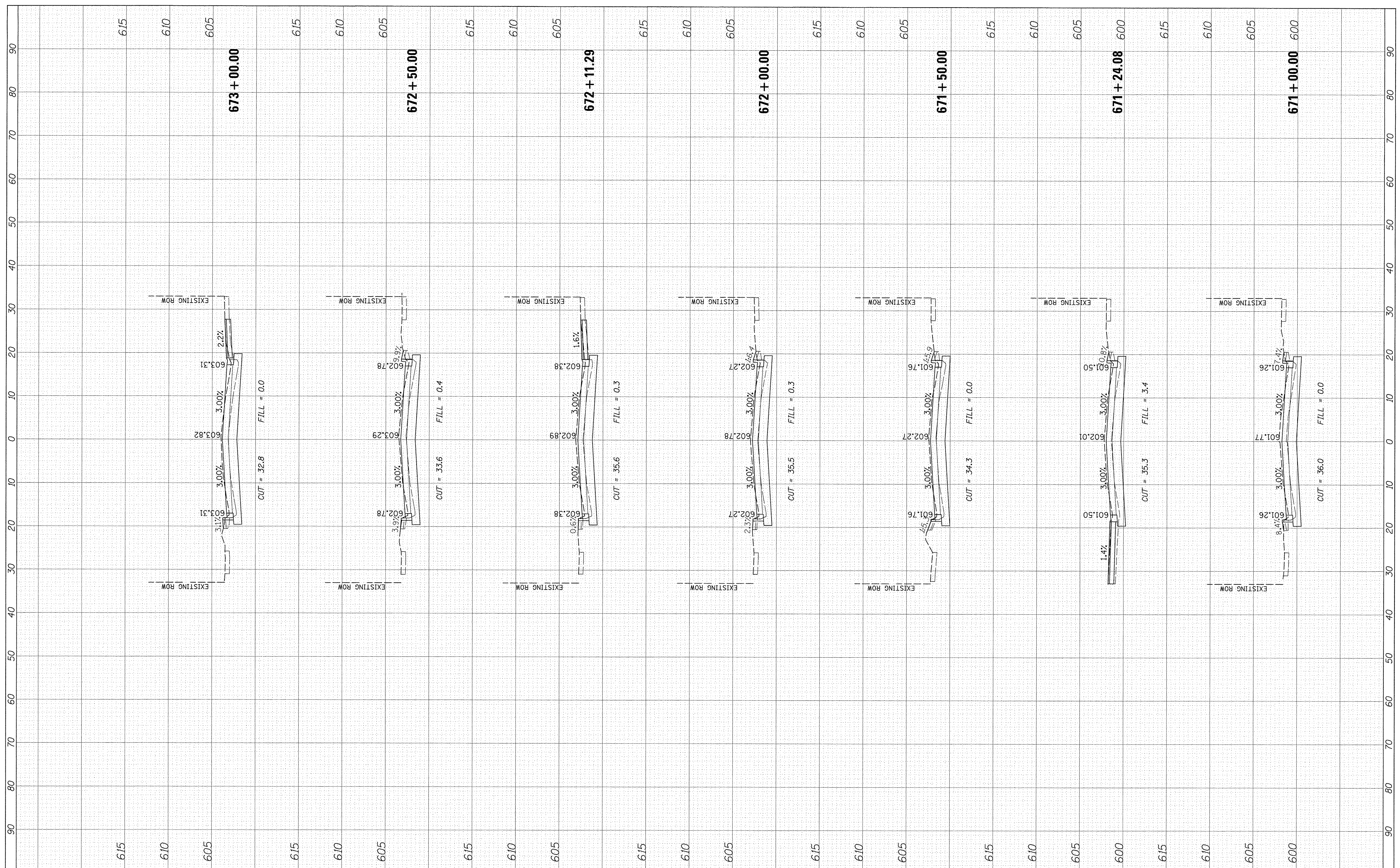
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NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	CHECKED		



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Default	PLOT SCALE = 10'	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 668+54.07	TO STA. 670+50.00	CONTRACT NO. 61D36	
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		DATE -	REVISED -									

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

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



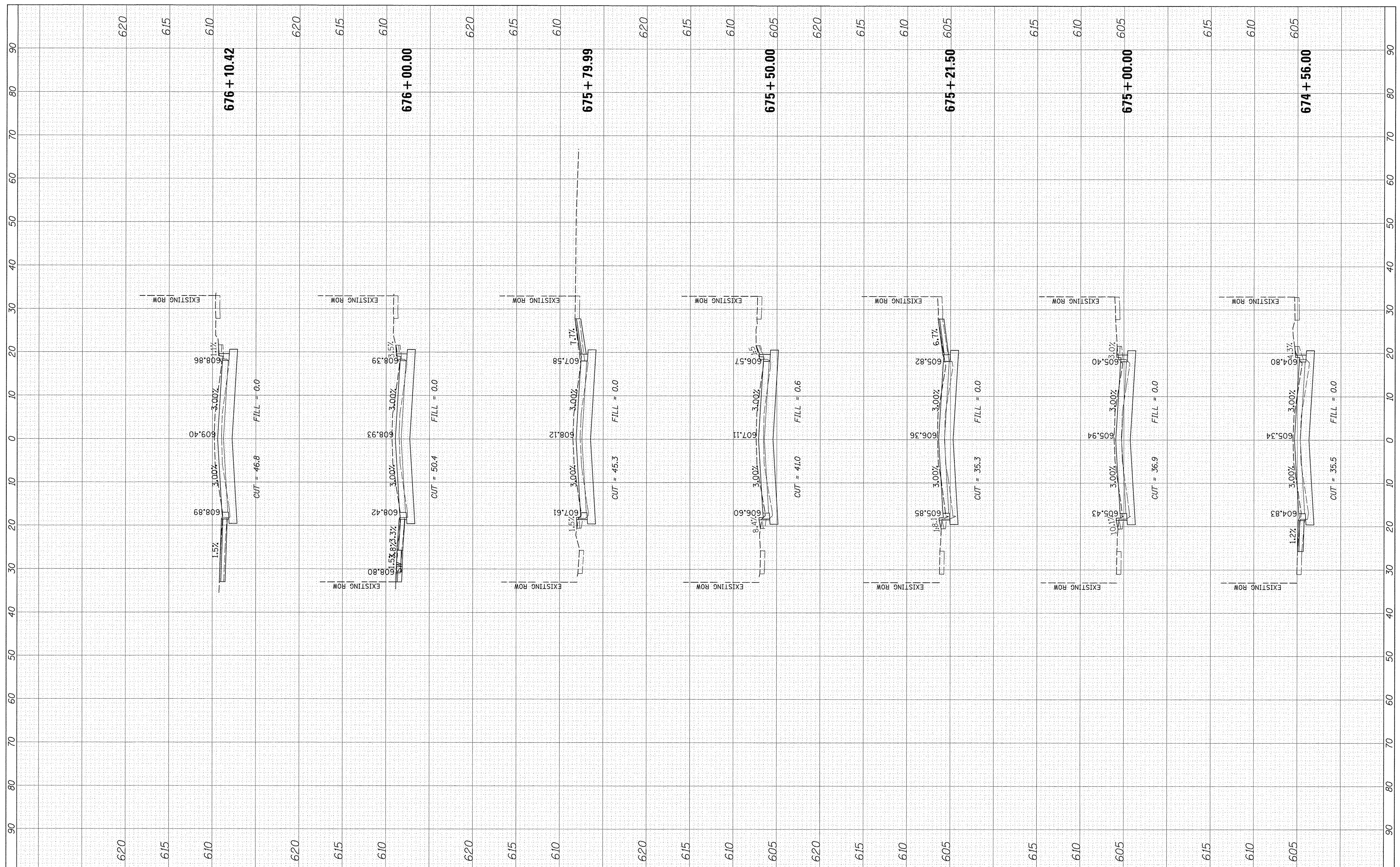
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Default	PLOT SCALE = 10'	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 671+00.00	TO STA. 673+00.00	CONTRACT NO. 61D36	
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		DATE -	REVISED -									





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

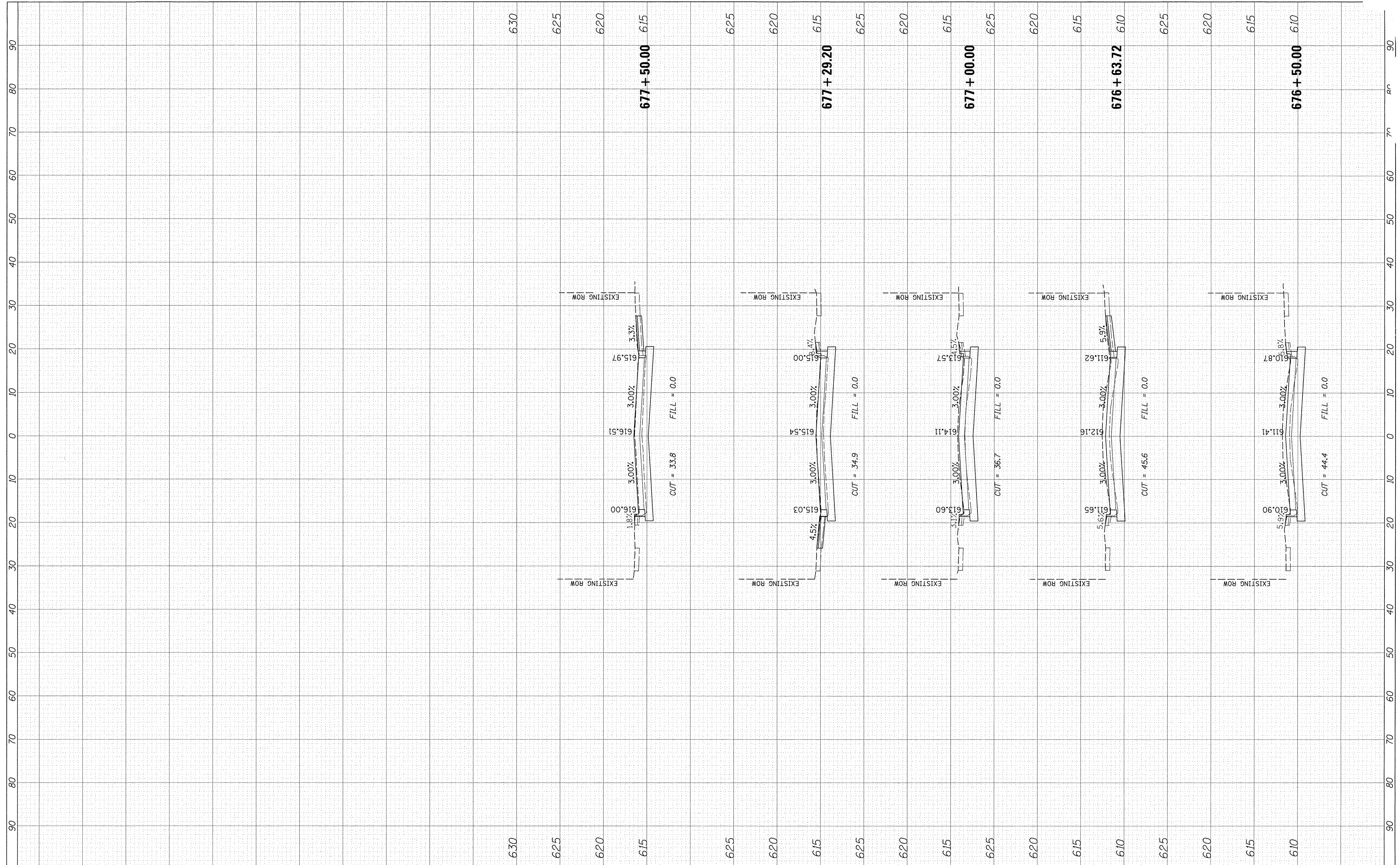
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NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		



FILE NAME =	USER NAME = mmicholowicz	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SHERIDAN ROAD RECONSTRUCTION CROSS SECTIONS</b>			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

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



FILE NAME =	USER NAME = mmschalowicz	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SHERIDAN ROAD RECONSTRUCTION CROSS SECTIONS</b>				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\EVANSTON\140138.02\Civil\XS_140138.02_RECON_2.sht		DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 676+50.00	TO STA. 677+50.00	2853	14-00273-00-BT	COOK	274
Default	PLOT SCALE = 10'	CHECKED -	REVISED -		CONTRACT NO. 61D36									
	PLOT DATE = 11/15/2016	DATE -	REVISED -		ILLINOIS FED. AID PROJECT									