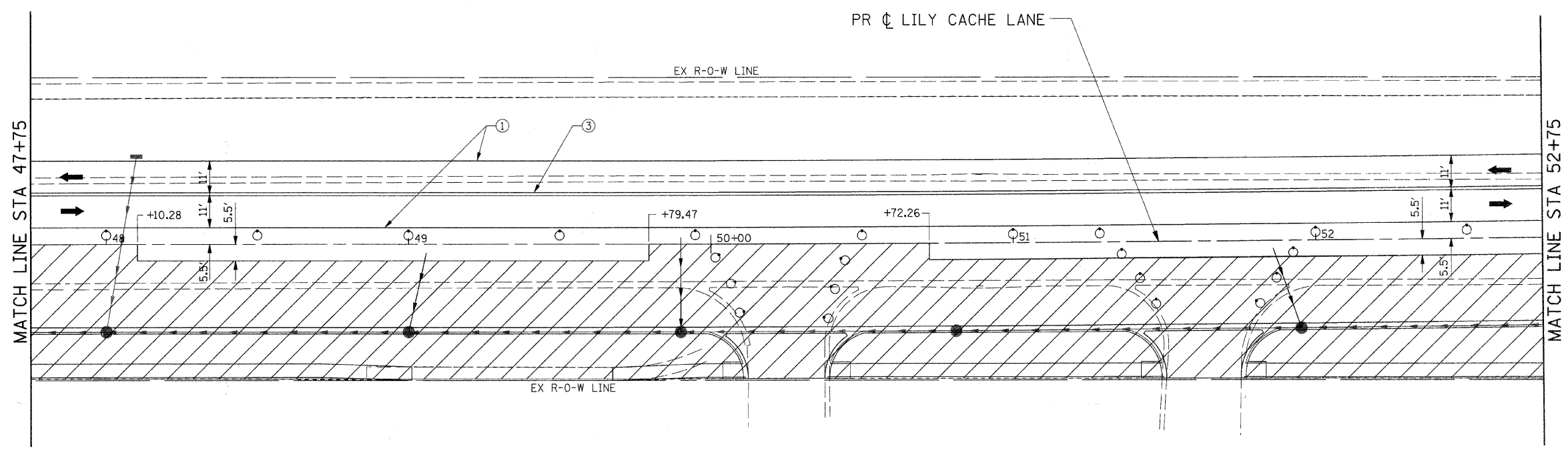
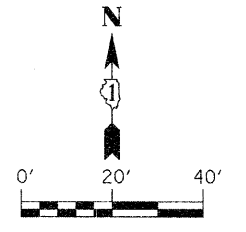


SEE "SUGGESTED STAGING PLAN SIDE ROADS" FOR CONSTRUCTION INFORMATION.

LEGEND

- ➔ DIRECTION OF TRAFFIC
- CONE, DRUM, OR BARRICADE
- ⊥ TYPE III BARRICADE
- ➔ TEMPORARY STAGE DRAINAGE FLOW
- ▨ STAGE CONSTRUCTION LIMITS
- ▨ TEMPORARY PAVEMENT
- ▨ TEMPORARY PAVEMENT REMOVAL
- ① TEMP. PAVEMENT MARKING - LINE 4" (WHITE)
- ② TEMP. PAVEMENT MARKING - LINE 4" (YELLOW)
- ③ TEMP. PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ④ TEMP. PAVEMENT MARKING - LINE 6" (WHITE)
- ⑤ TEMP. PAVEMENT MARKING - LINE 12" (YELLOW)
- ⑥ TEMP. PAVEMENT MARKING - LINE 24" (WHITE)
- ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS

FILE NAME = G:\S09021\CADD_Sheets\9821MOT2-05.dgn	USER NAME = IE Consultants	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED STAGING PLAN STAGE 2 - LILY CACHE LANE			F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -					1578	06-00046-01-PV	WILL	244	101
PLOT DATE = 10/22/2010	DATE -	REVISED -	REVISED -	SCALE:	SHEET NO.	OF SHEETS	STA. 43+00	TO STA. 47+75	ILLINOIS FED. AID PROJECT CONTRACT NO. 63503			



LEGEND

- ➔ DIRECTION OF TRAFFIC
- CONE, DRUM, OR BARRICADE
- ⊥ TYPE III BARRICADE
- ➔ TEMPORARY STAGE DRAINAGE FLOW
- ▨ STAGE CONSTRUCTION LIMITS
- ▨ TEMPORARY PAVEMENT
- ⊗ TEMPORARY PAVEMENT REMOVAL
- ① TEMP. PAVEMENT MARKING - LINE 4" (WHITE)
- ② TEMP. PAVEMENT MARKING - LINE 4" (YELLOW)
- ③ TEMP. PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ④ TEMP. PAVEMENT MARKING - LINE 6" (WHITE)
- ⑤ TEMP. PAVEMENT MARKING - LINE 12" (YELLOW)
- ⑥ TEMP. PAVEMENT MARKING - LINE 24" (WHITE)
- ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS

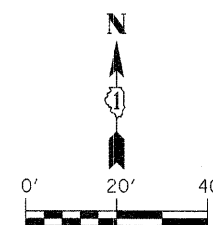
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	PLOT DATE = 10/22/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

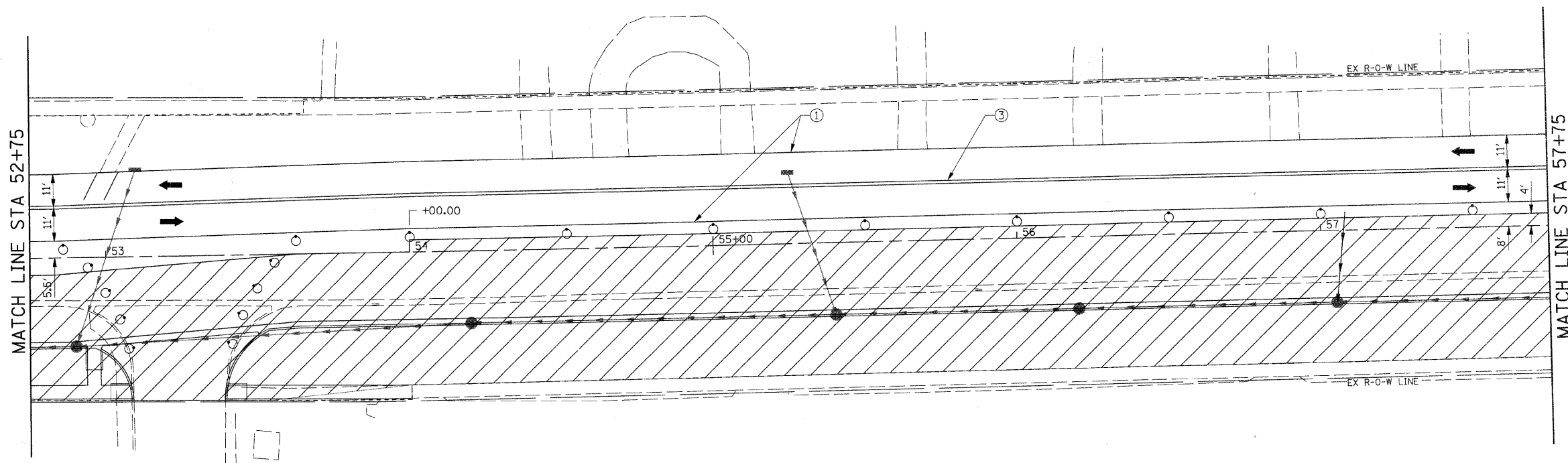
**SUGGESTED STAGING PLAN
STAGE 2 - LILY CACHE LANE**

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	102
CONTRACT NO. 63503			ILLINOIS FED. AID PROJECT	

SCALE:	SHEET NO.	OF	SHEETS	STA. 47+75	TO STA. 52+75
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CONTRACTOR SHALL MAINTAIN SCHOOL CROSSING DURING ALL STAGES OF CONSTRUCTION.



LEGEND

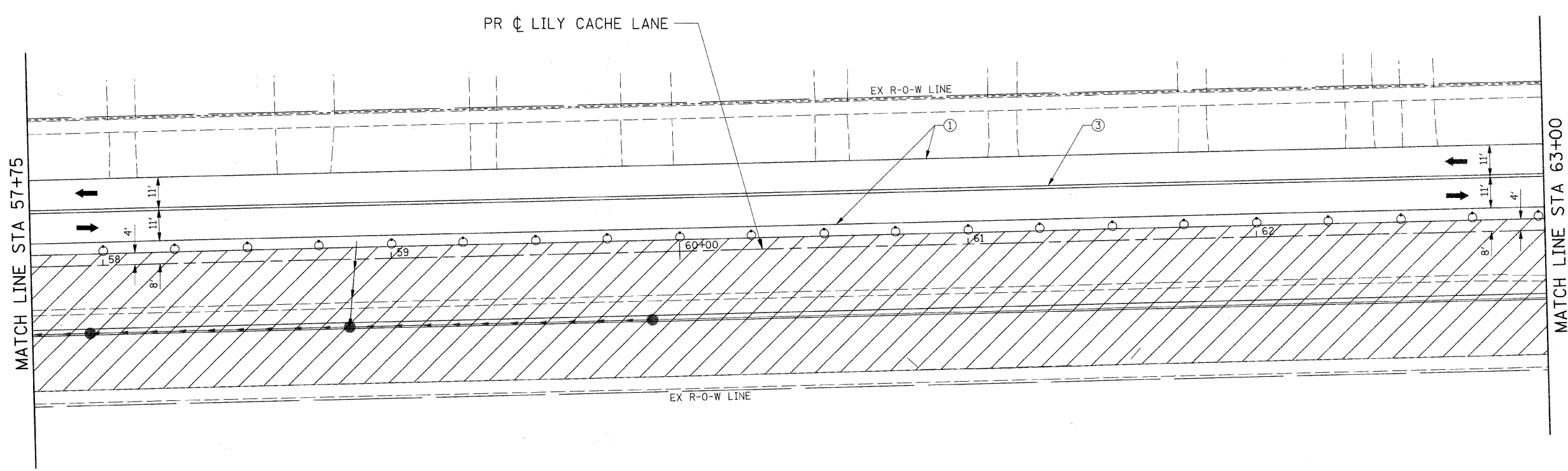
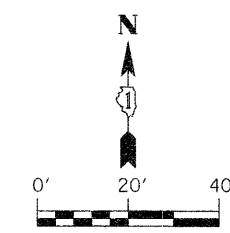
- ➔ DIRECTION OF TRAFFIC
- CONE, DRUM, OR BARRICADE
- TT TYPE III BARRICADE
- ➔ TEMPORARY STAGE DRAINAGE FLOW
- ▨ STAGE CONSTRUCTION LIMITS
- ▨ TEMPORARY PAVEMENT
- ▨ TEMPORARY PAVEMENT REMOVAL
- ① TEMP. PAVEMENT MARKING - LINE 4" (WHITE)
- ② TEMP. PAVEMENT MARKING - LINE 4" (YELLOW)
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- ⑤ TEMP. PAVEMENT MARKING - LINE 12" (YELLOW)
- ⑥ TEMP. PAVEMENT MARKING - LINE 24" (WHITE)
- ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS

FILE NAME =	USER NAME = IE Consultants	DESIGNED -	REVISED -
G:\S09021\CADD_Sheets\9021M072-07.dgn		DRAWN -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

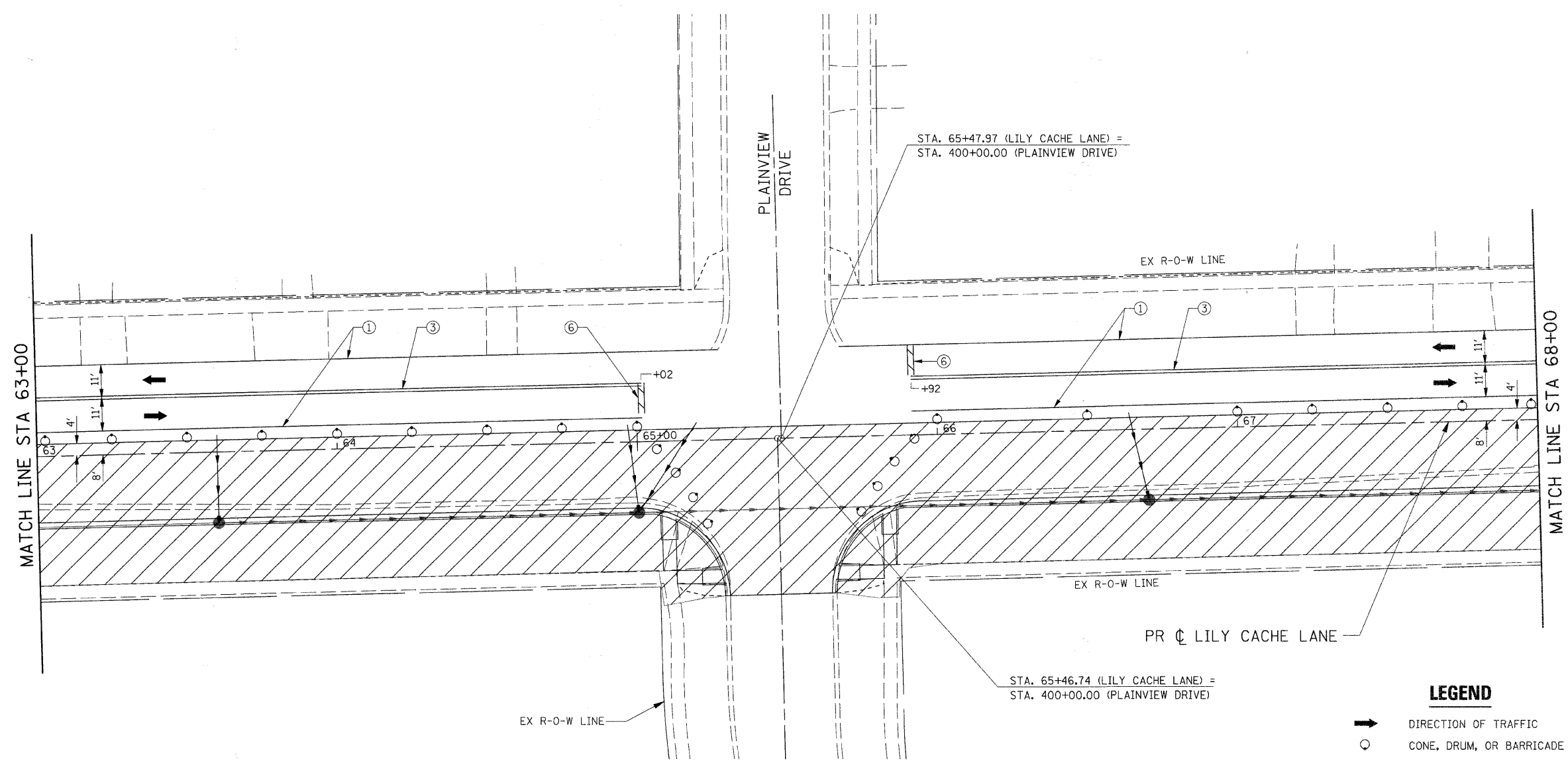
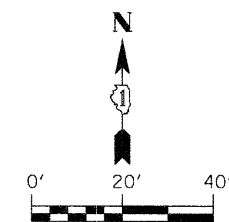
SUGGESTED STAGING PLAN STAGE 2 - LILY CACHE LANE			
SCALE:	SHEET NO.	OF SHEETS	STA. 52+75 TO STA. 57+75

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	103
ILLINOIS FED. AID PROJECT			CONTRACT NO. 63503	



- LEGEND**
- ➔ DIRECTION OF TRAFFIC
 - CONE, DRUM, OR BARRICADE
 - ⊥ TYPE III BARRICADE
 - ➔ TEMPORARY STAGE DRAINAGE FLOW
 - ▨ STAGE CONSTRUCTION LIMITS
 - ▧ TEMPORARY PAVEMENT
 - ▩ TEMPORARY PAVEMENT REMOVAL
 - ① TEMP. PAVEMENT MARKING - LINE 4" (WHITE)
 - ② TEMP. PAVEMENT MARKING - LINE 4" (YELLOW)
 - ③ TEMP. PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
 - ④ TEMP. PAVEMENT MARKING - LINE 6" (WHITE)
 - ⑤ TEMP. PAVEMENT MARKING - LINE 12" (YELLOW)
 - ⑥ TEMP. PAVEMENT MARKING - LINE 24" (WHITE)
 - ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS

FILE NAME = G:\S09021\CADD_Sheets\9021MOT2-08.dgn	USER NAME = IE Consultants	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED STAGING PLAN STAGE 2 - LILY CACHE LANE			F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -					1578	06-00046-01-PV	WILL	244	104
PLOT DATE = 10/22/2010	DATE -	REVISED -	REVISED -	SCALE:	SHEET NO.	OF SHEETS	STA. 57+75	TO STA. 63+00	ILLINOIS FED. AID PROJECT CONTRACT NO. 63503			



SEE "SUGGESTED STAGING PLAN SIDE ROADS" FOR CONSTRUCTION INFORMATION.

LEGEND

- ➔ DIRECTION OF TRAFFIC
- CONE, DRUM, OR BARRICADE
- ⌚ TYPE III BARRICADE
- ➔ TEMPORARY STAGE DRAINAGE FLOW
- ▨ STAGE CONSTRUCTION LIMITS
- ▨ TEMPORARY PAVEMENT
- ▨ TEMPORARY PAVEMENT REMOVAL
- ① TEMP. PAVEMENT MARKING - LINE 4" (WHITE)
- ② TEMP. PAVEMENT MARKING - LINE 4" (YELLOW)
- ③ TEMP. PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ④ TEMP. PAVEMENT MARKING - LINE 6" (WHITE)
- ⑤ TEMP. PAVEMENT MARKING - LINE 12" (YELLOW)
- ⑥ TEMP. PAVEMENT MARKING - LINE 24" (WHITE)
- ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS

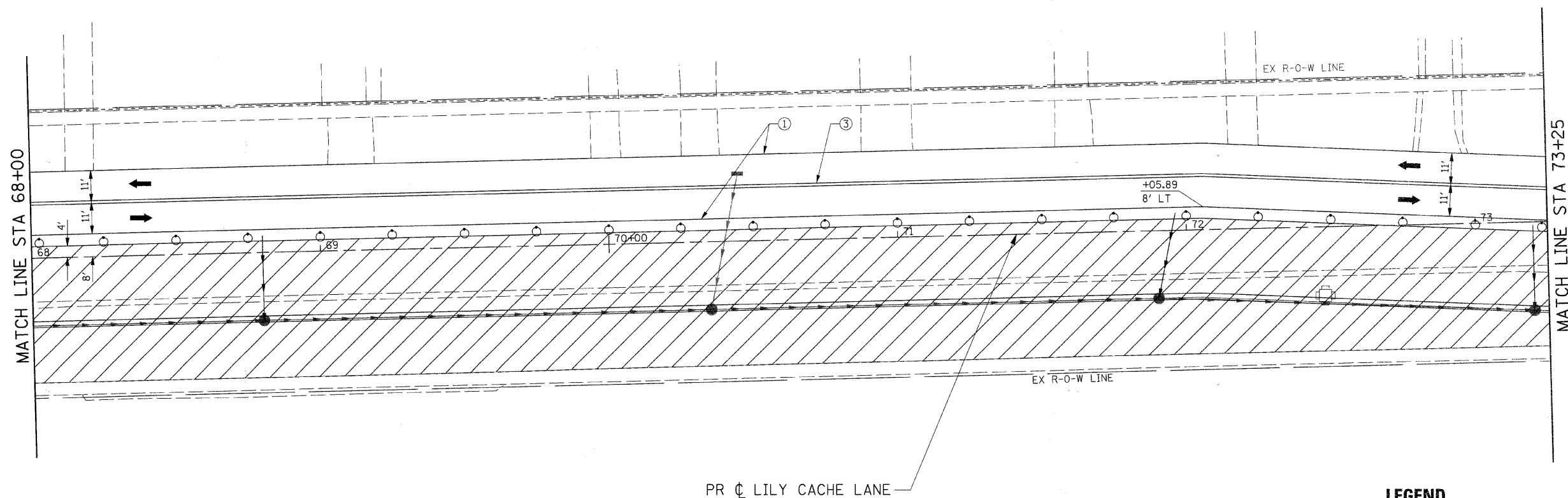
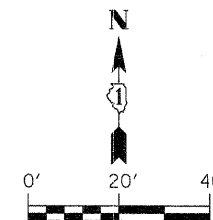
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	PLOT DATE = 10/22/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING PLAN
STAGE 2 - LILY CACHE LANE**

SCALE: SHEET NO. OF SHEETS STA. 63+00 TO STA. 68+00

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	105
				CONTRACT NO. 63503
ILLINOIS FED. AID PROJECT				



PR CL LILY CACHE LANE

LEGEND

- ➔ DIRECTION OF TRAFFIC
- CONE, DRUM, OR BARRICADE
- TT TYPE III BARRICADE
- ➔ TEMPORARY STAGE DRAINAGE FLOW
- ▨ STAGE CONSTRUCTION LIMITS
- ▨ TEMPORARY PAVEMENT
- ▨ TEMPORARY PAVEMENT REMOVAL
- ① TEMP. PAVEMENT MARKING - LINE 4" (WHITE)
- ② TEMP. PAVEMENT MARKING - LINE 4" (YELLOW)
- ③ TEMP. PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ④ TEMP. PAVEMENT MARKING - LINE 6" (WHITE)
- ⑤ TEMP. PAVEMENT MARKING - LINE 12" (YELLOW)
- ⑥ TEMP. PAVEMENT MARKING - LINE 24" (WHITE)
- ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS

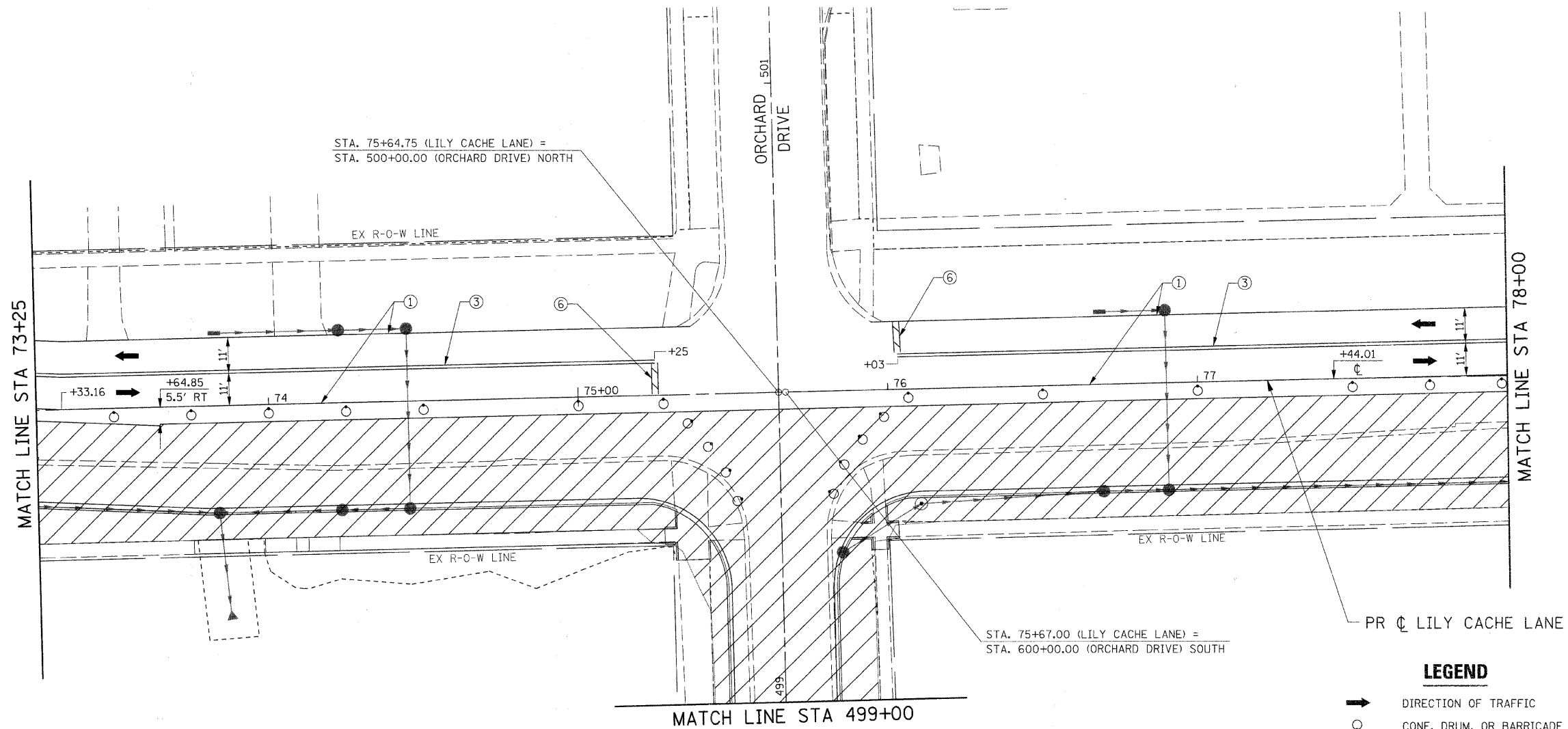
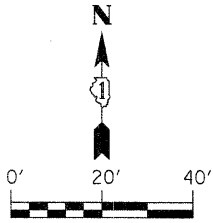
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	PLOT DATE = 10/22/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING PLAN
STAGE 2 - LILY CACHE LANE**

SCALE: SHEET NO. OF SHEETS STA. 68+00 TO STA. 73+25

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	106
			CONTRACT NO. 63503	
ILLINOIS FED. AID PROJECT				



SEE "SUGGESTED STAGING PLAN SIDE ROADS" FOR CONSTRUCTION INFORMATION.

LEGEND

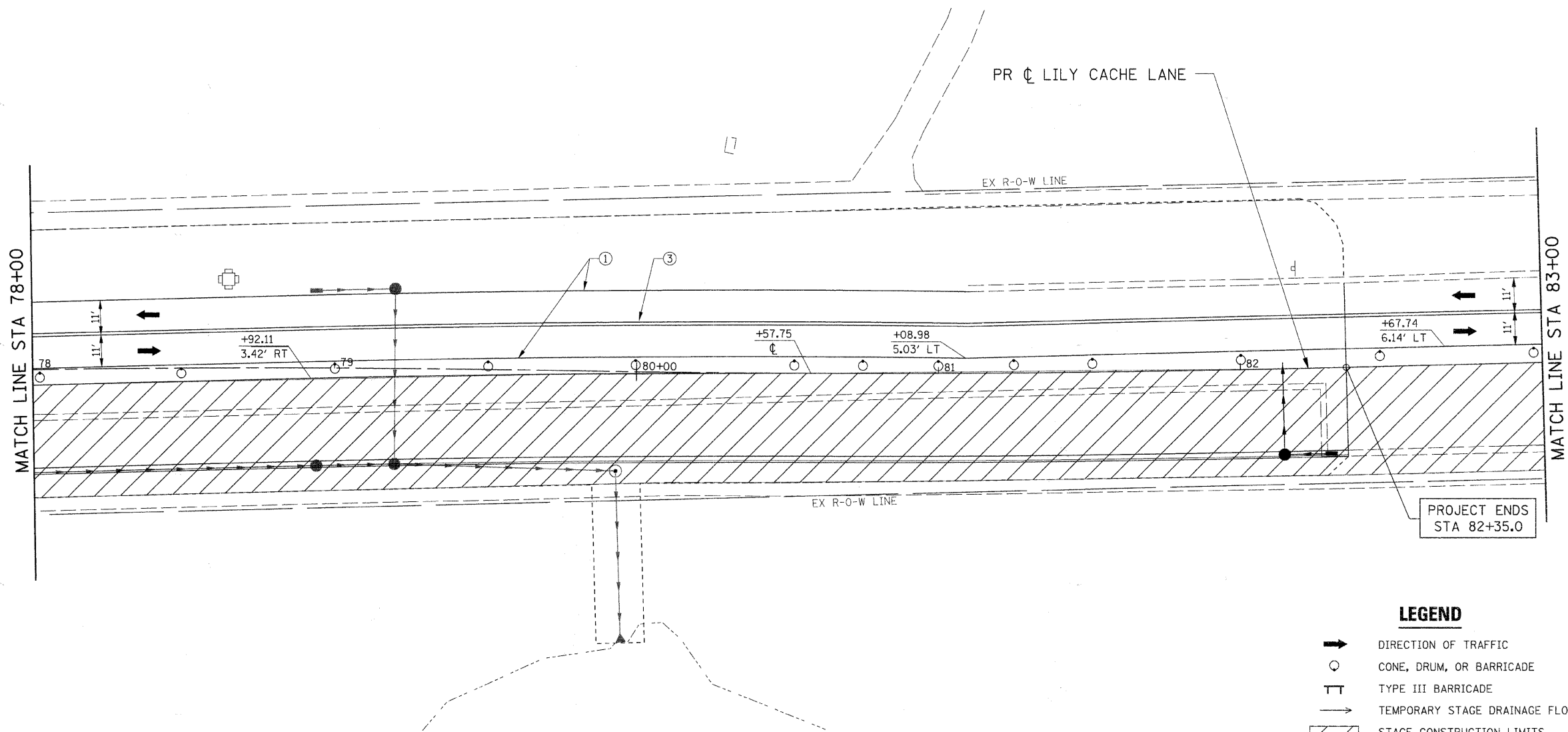
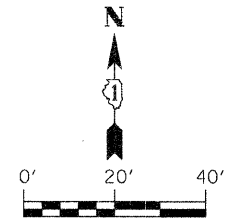
- ➔ DIRECTION OF TRAFFIC
- CONE, DRUM, OR BARRICADE
- TT TYPE III BARRICADE
- ➔ TEMPORARY STAGE DRAINAGE FLOW
- ▨ STAGE CONSTRUCTION LIMITS
- ▨ TEMPORARY PAVEMENT
- ▨ TEMPORARY PAVEMENT REMOVAL
- ① TEMP. PAVEMENT MARKING - LINE 4" (WHITE)
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- ⑤ TEMP. PAVEMENT MARKING - LINE 12" (YELLOW)
- ⑥ TEMP. PAVEMENT MARKING - LINE 24" (WHITE)
- ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS

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	PLOT DATE = 10/22/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGING PLAN STAGE 2 - LILY CACHE LANE			
SCALE:	SHEET NO. OF SHEETS	STA. 73+25 TO STA. 78+00	

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
157B	06-00046-01-PV	WILL	244	107
				CONTRACT NO. 63503
ILLINOIS FED. AID PROJECT				



LEGEND

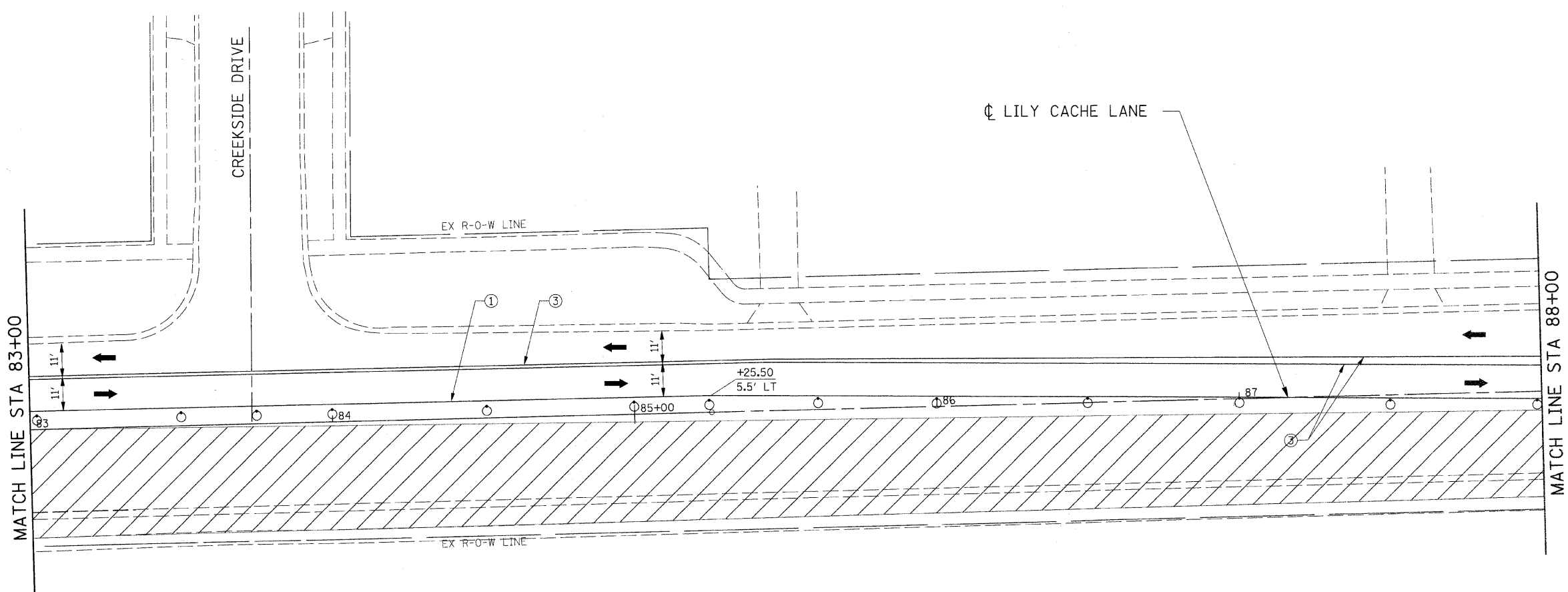
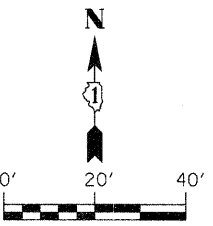
- ➔ DIRECTION OF TRAFFIC
- CONE, DRUM, OR BARRICADE
- TT TYPE III BARRICADE
- ➔ TEMPORARY STAGE DRAINAGE FLOW
- ▨ STAGE CONSTRUCTION LIMITS
- ▨ TEMPORARY PAVEMENT
- ▨ TEMPORARY PAVEMENT REMOVAL
- ① TEMP. PAVEMENT MARKING - LINE 4" (WHITE)
- ② TEMP. PAVEMENT MARKING - LINE 4" (YELLOW)
- ③ TEMP. PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ④ TEMP. PAVEMENT MARKING - LINE 6" (WHITE)
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- ⑥ TEMP. PAVEMENT MARKING - LINE 24" (WHITE)
- ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS

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	PLOT DATE = 10/22/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGING PLAN STAGE 2 - LILY CACHE LANE			
SCALE:	SHEET NO.	OF SHEETS	STA. 78+00 TO STA. 83+00

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	108
CONTRACT NO. 63503			ILLINOIS FED. AID PROJECT	



- LEGEND**
- ➔ DIRECTION OF TRAFFIC
 - CONE, DRUM, OR BARRICADE
 - TT TYPE III BARRICADE
 - ➔ TEMPORARY STAGE DRAINAGE FLOW
 - ▨ STAGE CONSTRUCTION LIMITS
 - ▨ TEMPORARY PAVEMENT
 - ▨ TEMPORARY PAVEMENT REMOVAL
 - ① TEMP. PAVEMENT MARKING - LINE 4" (WHITE)
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 - ⑤ TEMP. PAVEMENT MARKING - LINE 12" (YELLOW)
 - ⑥ TEMP. PAVEMENT MARKING - LINE 24" (WHITE)
 - ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS

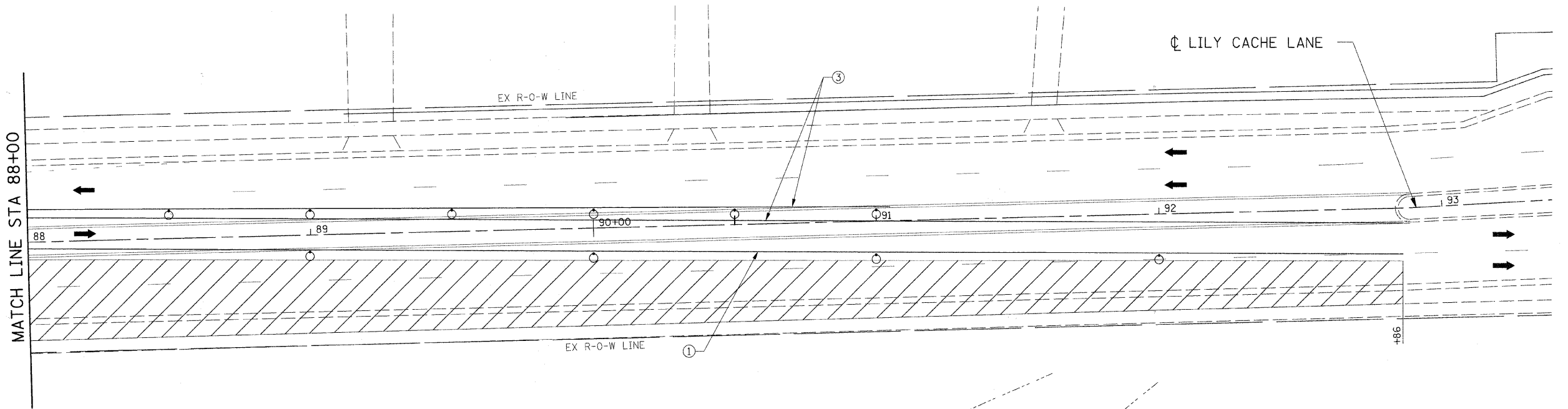
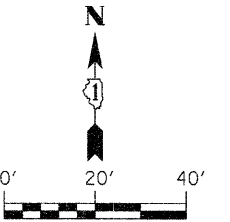
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	PLOT DATE = 10/22/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING PLAN
STAGE 2 - LILY CACHE LANE**

SCALE: SHEET NO. OF SHEETS STA. 83+00 TO STA. 88+00

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	109
ILLINOIS FED. AID PROJECT			CONTRACT NO. 63503	



- LEGEND**
- ➔ DIRECTION OF TRAFFIC
 - CONE, DRUM, OR BARRICADE
 - TT TYPE III BARRICADE
 - ➔ TEMPORARY STAGE DRAINAGE FLOW
 - ▨ STAGE CONSTRUCTION LIMITS
 - ▨ TEMPORARY PAVEMENT
 - ▨ TEMPORARY PAVEMENT REMOVAL
 - ① TEMP. PAVEMENT MARKING - LINE 4" (WHITE)
 - ② TEMP. PAVEMENT MARKING - LINE 4" (YELLOW)
 - ③ TEMP. PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
 - ④ TEMP. PAVEMENT MARKING - LINE 6" (WHITE)
 - ⑤ TEMP. PAVEMENT MARKING - LINE 12" (YELLOW)
 - ⑥ TEMP. PAVEMENT MARKING - LINE 24" (WHITE)
 - ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS

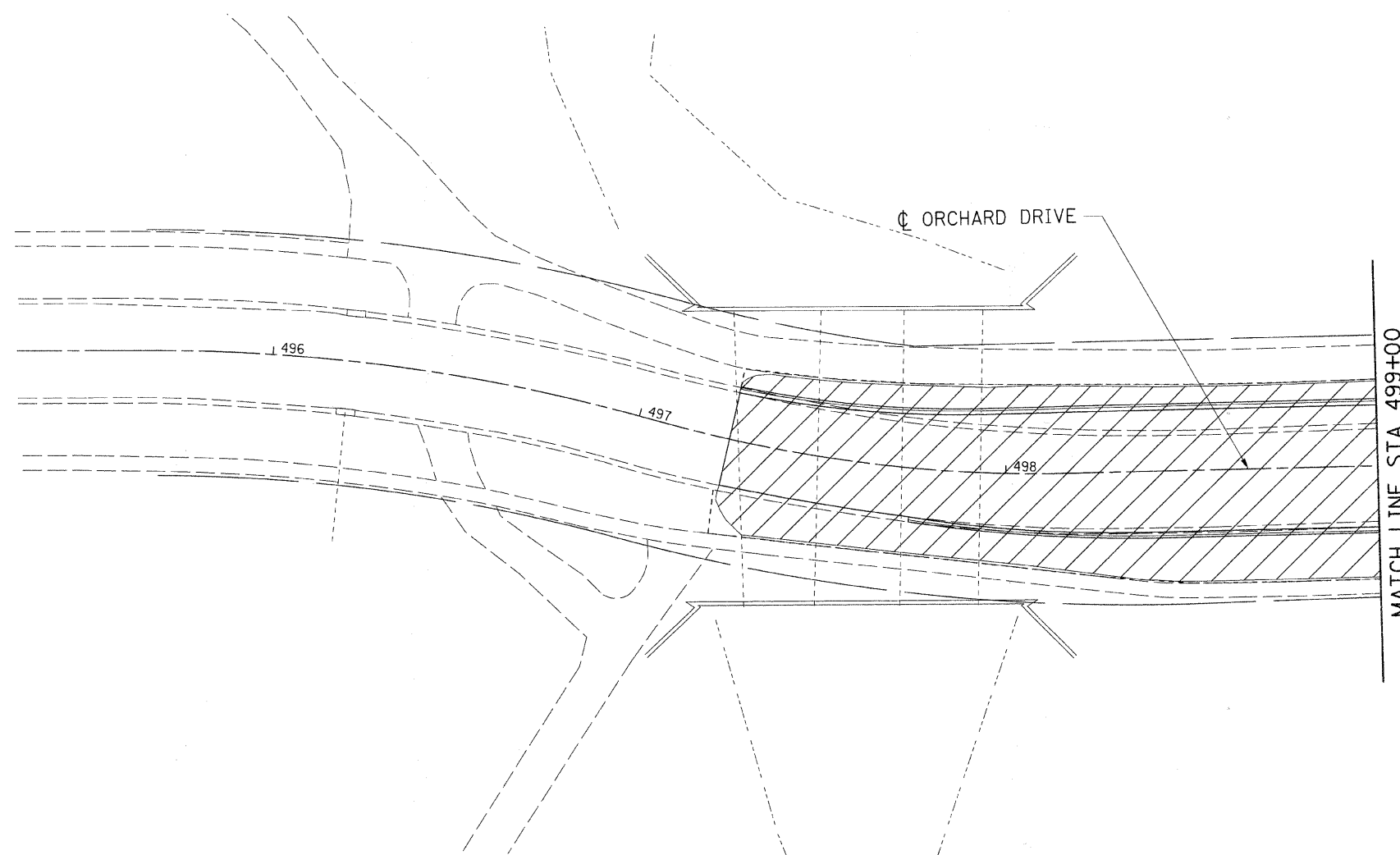
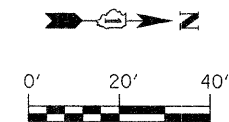
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	PLOT DATE = 10/22/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING PLAN
STAGE 2 - LILY CACHE LANE**

SCALE: SHEET NO. OF SHEETS STA. 88+00 TO STA. 93+00

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	110
CONTRACT NO. 63503			ILLINOIS FED. AID PROJECT	



SEE "SUGGESTED STAGING PLAN SIDE ROADS" FOR CONSTRUCTION INFORMATION.

- LEGEND**
- DIRECTION OF TRAFFIC
 - CONE, DRUM, OR BARRICADE
 - TYPE III BARRICADE
 - TEMPORARY STAGE DRAINAGE FLOW
 - STAGE CONSTRUCTION LIMITS
 - TEMPORARY PAVEMENT
 - TEMPORARY PAVEMENT REMOVAL
 - ① TEMP. PAVEMENT MARKING - LINE 4" (WHITE)
 - ② TEMP. PAVEMENT MARKING - LINE 4" (YELLOW)
 - ③ TEMP. PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
 - ④ TEMP. PAVEMENT MARKING - LINE 6" (WHITE)
 - ⑤ TEMP. PAVEMENT MARKING - LINE 12" (YELLOW)
 - ⑥ TEMP. PAVEMENT MARKING - LINE 24" (WHITE)
 - ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS

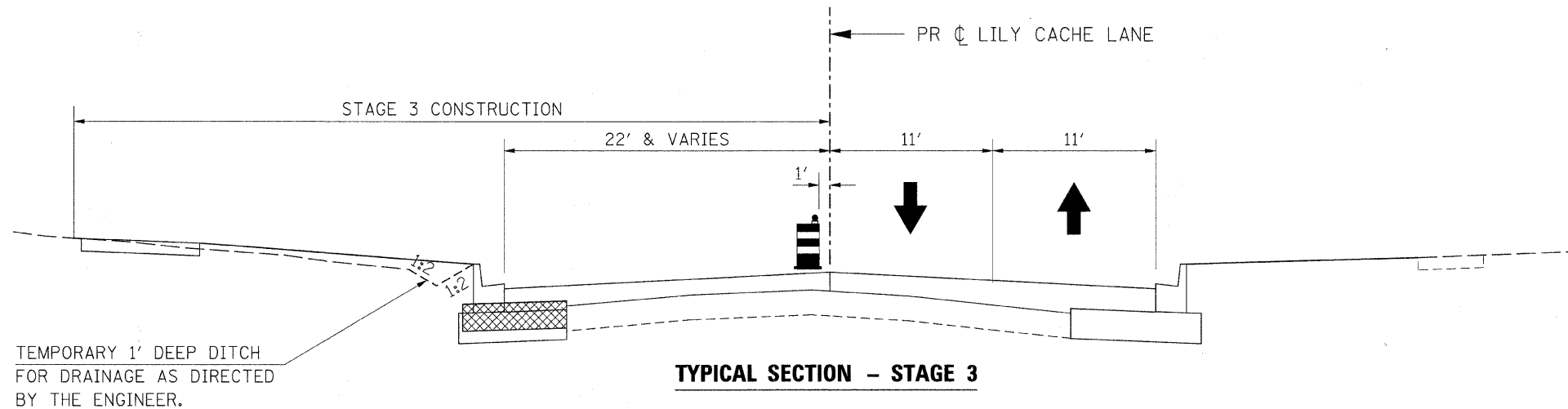
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

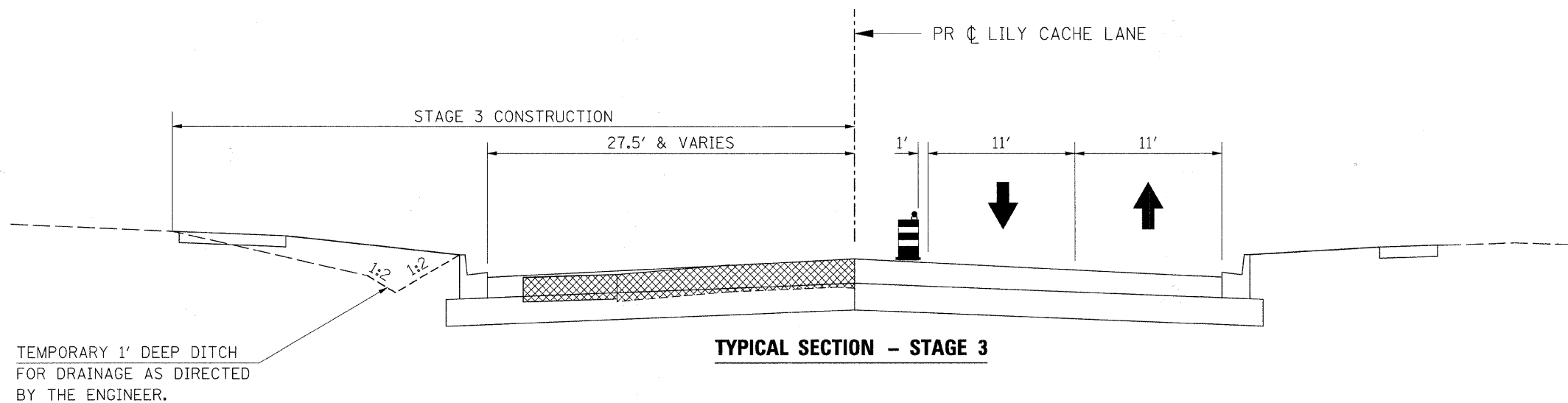
**SUGGESTED STAGING PLAN
STAGE 2 - ORCHARD DRIVE**

SCALE: SHEET NO. OF SHEETS STA. 499+00 TO STA.

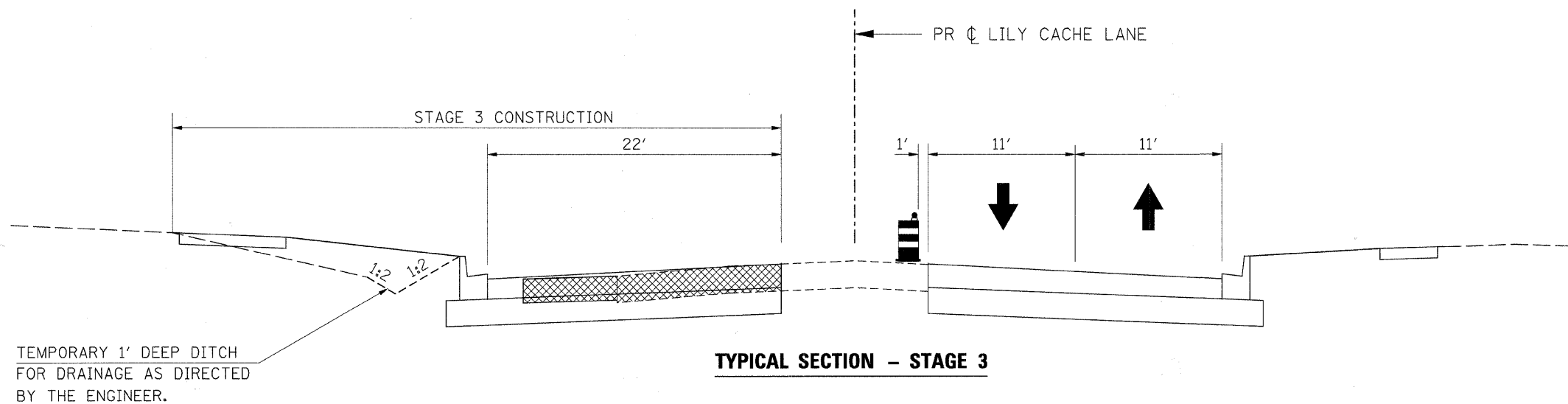
F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	111
CONTRACT NO. 63503				
ILLINOIS FED. AID PROJECT				



STA 54+20 TO STA 75+20
STA 82+28 TO STA 85+26



STA 24+26 TO STA 28+73
STA 31+55 TO STA 32+55
STA 34+83 TO STA 35+83
STA 39+32 TO STA 40+32
STA 42+36 TO STA 48+10
STA 49+75 TO STA 50+77
STA 53+96 TO STA 54+20
STA 75+20 TO STA 78+48
STA 80+87 TO STA 82+28



STA 28+73 TO STA 31+55
STA 32+55 TO STA 34+83
STA 35+83 TO STA 39+32
STA 40+32 TO STA 42+36
STA 48+10 TO STA 49+75
STA 50+77 TO STA 53+96
STA 78+48 TO STA 80+87

FILE NAME =	USER NAME = IE Consultants	DESIGNED -	REVISED -
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		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

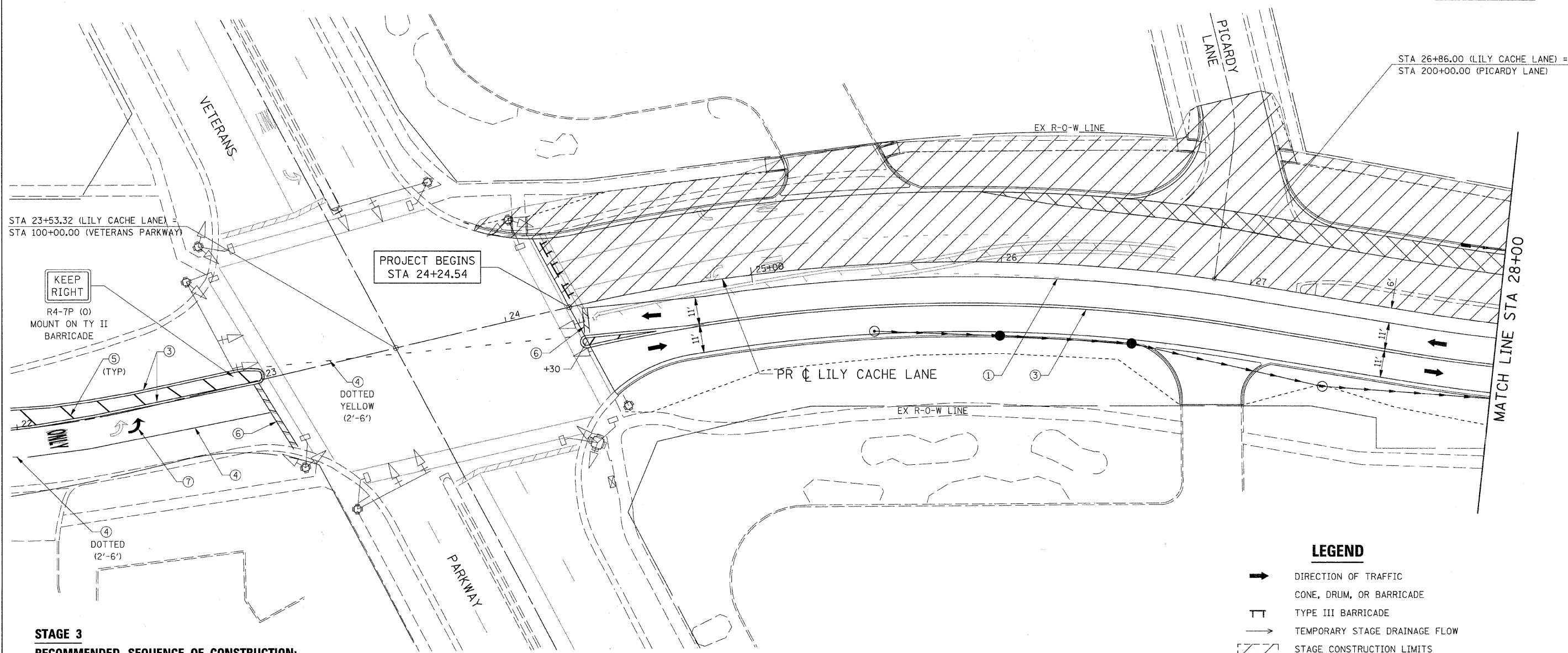
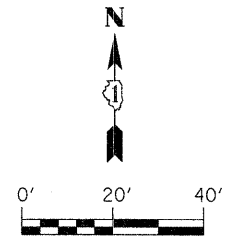
SUGGESTED STAGING PLAN STAGE 3 - LILY CACHE LANE TYPICAL SECTIONS			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	112
			CONTRACT NO. 63503	
ILLINOIS FED. AID PROJECT				

NOTES:

1. SEE "REMOVAL AND ADJUSTMENT PLANS" FOR REMOVAL OF EXISTING ITEMS.
2. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL SIDE ROADS AND ENTRANCES AT ALL TIMES.
3. THE CONTRACTOR SHALL APPLY TYPE III PAVEMENT MARKING TAPE AS DIRECTED BY THE ENGINEER. THIS ITEM SHALL BE INCLUDED IN THE COST OF TEMPORARY PAVEMENT MARKINGS.

SEE "SUGGESTED STAGING PLAN SIDE ROADS" FOR CONSTRUCTION INFORMATION.



KEEP RIGHT
R4-7P (0)
MOUNT ON TY II
BARRICADE

**PROJECT BEGINS
STA 24+24.54**

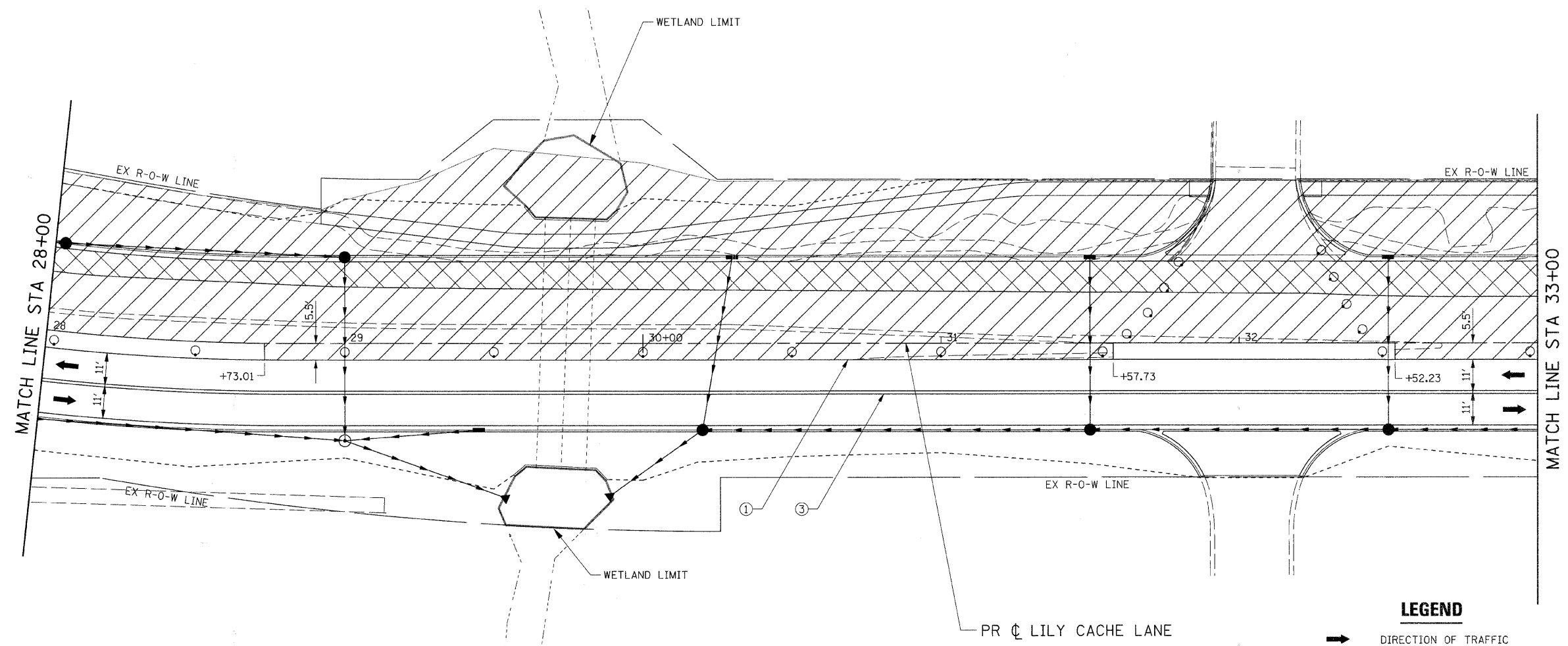
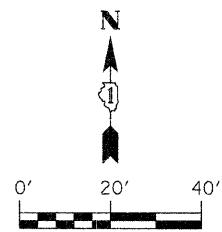
**STAGE 3
RECOMMENDED SEQUENCE OF CONSTRUCTION:**

1. CONTRACTOR SHALL PLACE ALL ADVANCED WARNING SIGNAGE PRIOR TO BEGINNING ANY CONSTRUCTION IN ACCORDANCE WITH STANDARD 701326.
2. CONTRACTOR SHALL REMOVE ALL CONFLICTING PAVEMENT MARKINGS AND PLACE ALL TEMPORARY PAVEMENT MARKINGS AS SHOWN ON THE PLANS.
3. SHIFT TRAFFIC TO TWO 11' LANES ON THE SOUTHSIDE UNLESS OTHERWISE SHOWN.
4. CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY ENTRANCES WHERE REQUIRED DURING CONSTRUCTION.
5. REMOVE TEMPORARY WIDENING AND EXISTING PAVEMENT AND CONSTRUCT PROPOSED CURB AND GUTTER AND WIDENING ON NORTH SIDE.

LEGEND

- ➔ DIRECTION OF TRAFFIC
- ⊓ CONE, DRUM, OR BARRICADE
- ⊓ TYPE III BARRICADE
- ➔ TEMPORARY STAGE DRAINAGE FLOW
- [Z/Z] STAGE CONSTRUCTION LIMITS
- [---] TEMPORARY PAVEMENT
- [---] TEMPORARY PAVEMENT REMOVAL
- ① TEMP. PAVEMENT MARKING - LINE 4" (WHITE)
- ② TEMP. PAVEMENT MARKING - LINE 4" (YELLOW)
- ③ TEMP. PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ④ TEMP. PAVEMENT MARKING - LINE 6" (WHITE)
- ⑤ TEMP. PAVEMENT MARKING - LINE 12" (YELLOW)
- ⑥ TEMP. PAVEMENT MARKING - LINE 24" (WHITE)
- ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS

FILE NAME = G:\S09021\CADD_Sheets\9021MOT3-01.dgn	USER NAME = IE Consultants	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED STAGING PLAN STAGE 3 - LILY CACHE LANE				F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA. 24+24.54	TO STA. 28+00	1578	06-00046-01-PV	WILL	244 113
		CHECKED -	REVISED -		CONTRACT NO. 63503									
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT									



- LEGEND**
- ➔ DIRECTION OF TRAFFIC
 - CONE, DRUM, OR BARRICADE
 - TT TYPE III BARRICADE
 - ➔ TEMPORARY STAGE DRAINAGE FLOW
 - ▨ STAGE CONSTRUCTION LIMITS
 - ▨ TEMPORARY PAVEMENT
 - ▨ TEMPORARY PAVEMENT REMOVAL
 - ① TEMP. PAVEMENT MARKING - LINE 4" (WHITE)
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 - ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS

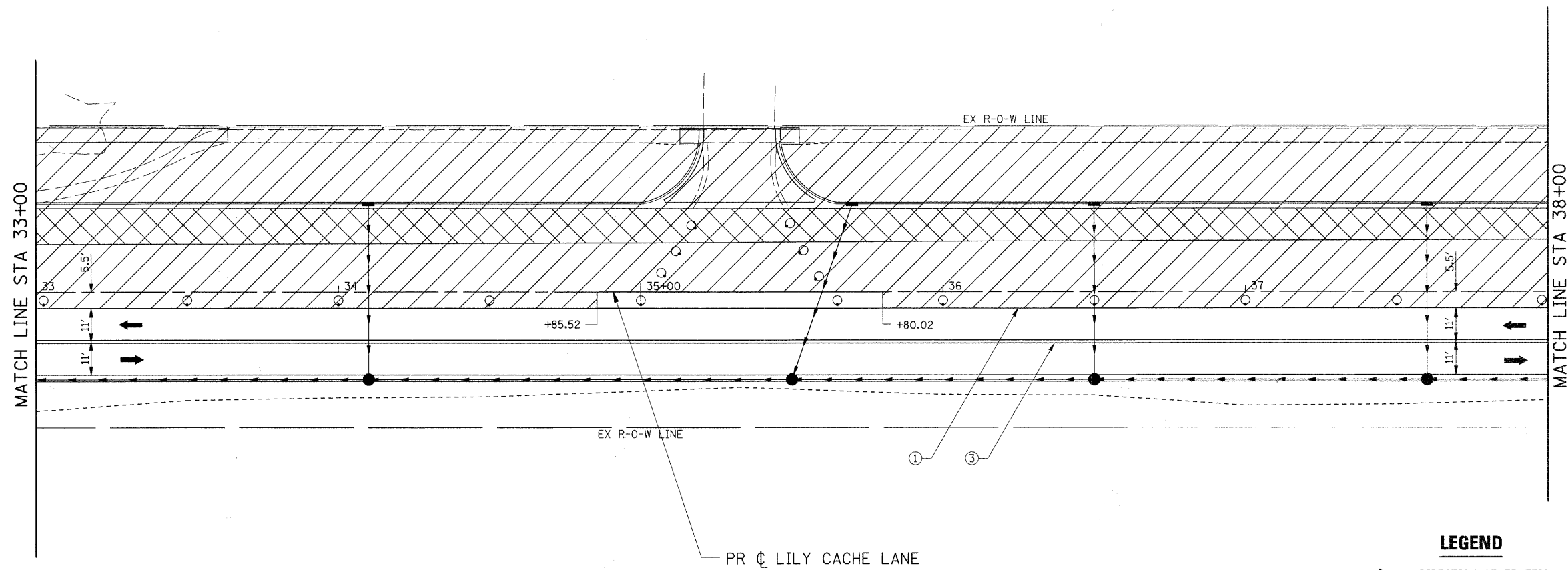
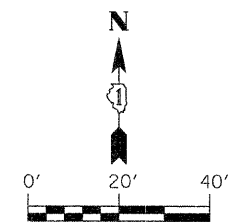
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	PLOT DATE = 10/22/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING PLAN
STAGE 3 - LILY CACHE LANE**

SCALE: SHEET NO. OF SHEETS STA. 28+00 TO STA. 33+00

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	114
CONTRACT NO. 63503			ILLINOIS FED. AID PROJECT	



- LEGEND**
- ➔ DIRECTION OF TRAFFIC
 - CONE, DRUM, OR BARRICADE
 - ⊥ TYPE III BARRICADE
 - ➔ TEMPORARY STAGE DRAINAGE FLOW
 - ▨ STAGE CONSTRUCTION LIMITS
 - ▨ TEMPORARY PAVEMENT
 - ▨ TEMPORARY PAVEMENT REMOVAL
 - ① TEMP. PAVEMENT MARKING - LINE 4" (WHITE)
 - ② TEMP. PAVEMENT MARKING - LINE 4" (YELLOW)
 - ③ TEMP. PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
 - ④ TEMP. PAVEMENT MARKING - LINE 6" (WHITE)
 - ⑤ TEMP. PAVEMENT MARKING - LINE 12" (YELLOW)
 - ⑥ TEMP. PAVEMENT MARKING - LINE 24" (WHITE)
 - ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS

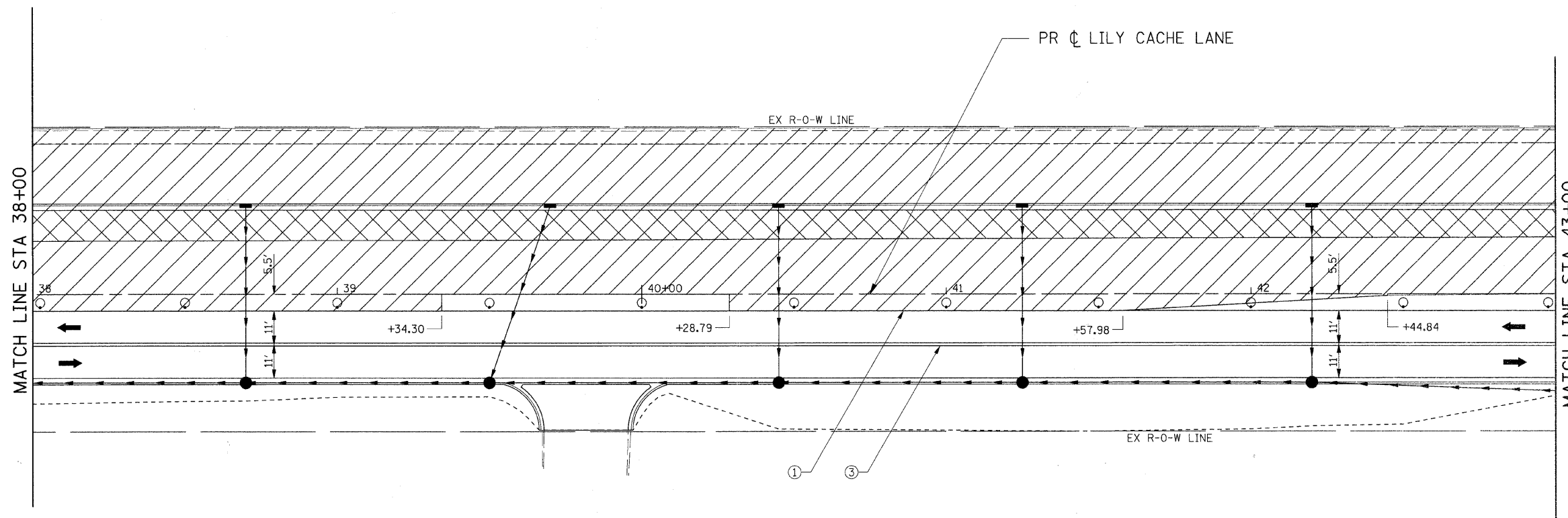
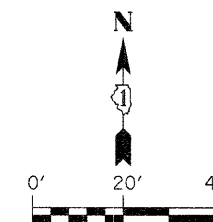
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	PLOT DATE = 10/22/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING PLAN
STAGE 3 - LILY CACHE LANE**

SCALE: SHEET NO. OF SHEETS STA. 33+00 TO STA. 38+00

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	115
CONTRACT NO. 63503			ILLINOIS FED. AID PROJECT	



- ➔ DIRECTION OF TRAFFIC
- CONE, DRUM, OR BARRICADE
- ⊥ TYPE III BARRICADE
- ➔ TEMPORARY STAGE DRAINAGE FLOW
- ▨ STAGE CONSTRUCTION LIMITS
- ▨ TEMPORARY PAVEMENT
- ▨ TEMPORARY PAVEMENT REMOVAL
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- ④ TEMP. PAVEMENT MARKING - LINE 6" (WHITE)
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- ⑥ TEMP. PAVEMENT MARKING - LINE 24" (WHITE)
- ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS

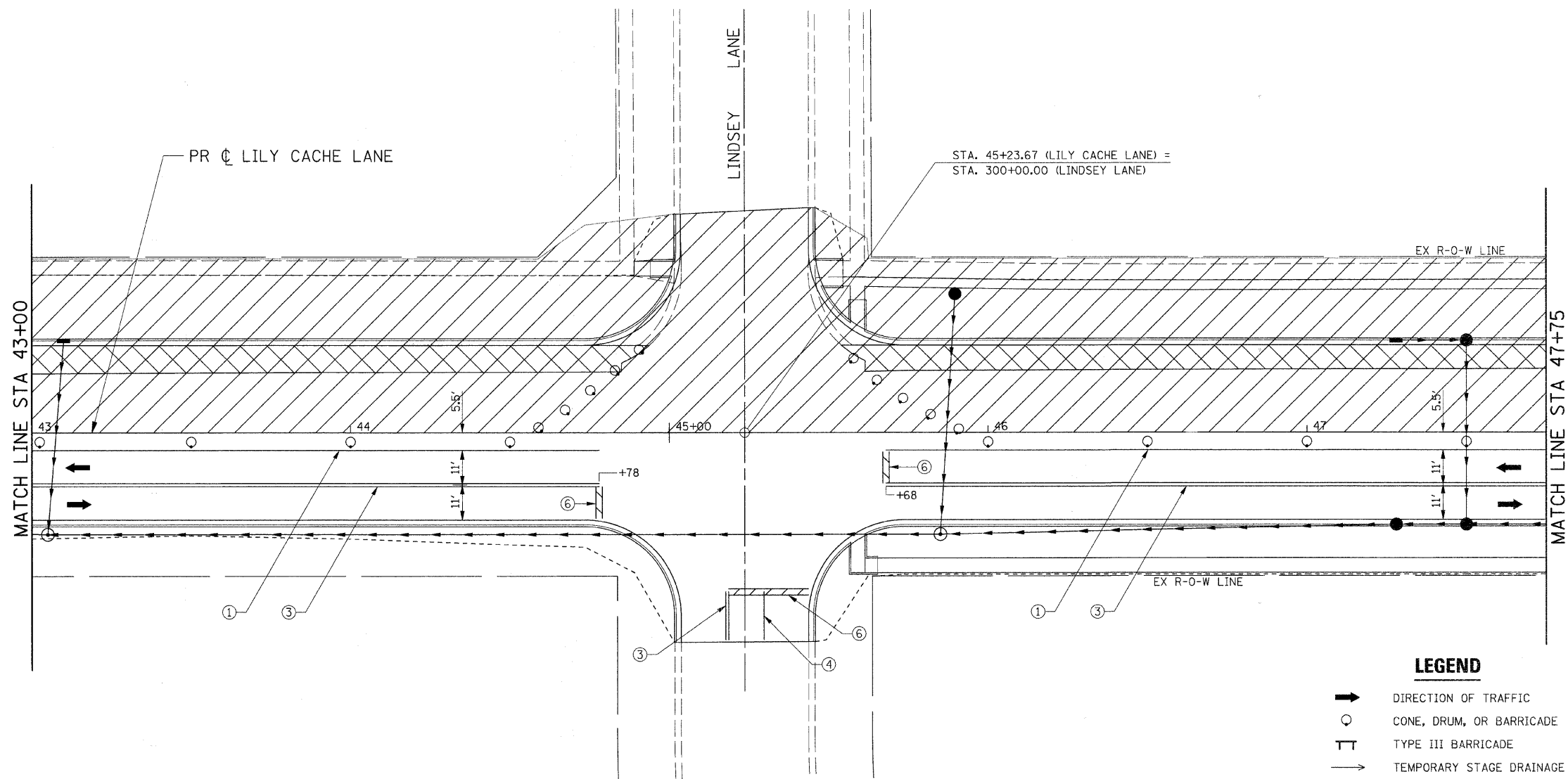
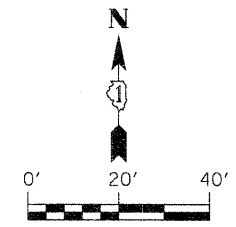
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	PLOT DATE = 10/22/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING PLAN
STAGE 3 - LILY CACHE LANE**

F.A.J.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	116
SCALE: SHEET NO. OF SHEETS STA. 38+00 TO STA. 43+00			ILLINOIS FED. AID PROJECT CONTRACT NO. 63503	

SEE "SUGGESTED STAGING PLAN SIDE ROADS" FOR CONSTRUCTION INFORMATION.



LEGEND

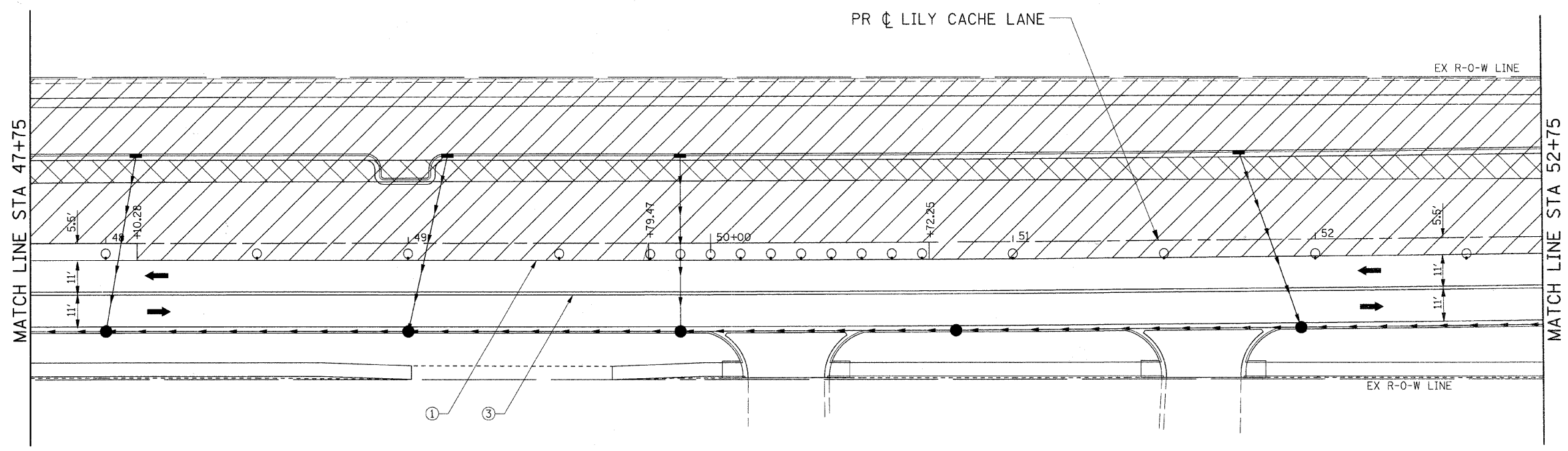
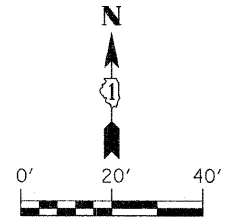
- ➔ DIRECTION OF TRAFFIC
- CONE, DRUM, OR BARRICADE
- ⊥ TYPE III BARRICADE
- ➔ TEMPORARY STAGE DRAINAGE FLOW
- ▨ STAGE CONSTRUCTION LIMITS
- ▨ TEMPORARY PAVEMENT
- ▨ TEMPORARY PAVEMENT REMOVAL
- ① TEMP. PAVEMENT MARKING - LINE 4" (WHITE)
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- ⑤ TEMP. PAVEMENT MARKING - LINE 12" (YELLOW)
- ⑥ TEMP. PAVEMENT MARKING - LINE 24" (WHITE)
- ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS

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	PLOT DATE = 10/22/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGING PLAN STAGE 3 - LILY CACHE LANE			
SCALE:	SHEET NO. OF SHEETS	STA. 43+00 TO STA. 47+75	

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	117
CONTRACT NO. 63503			ILLINOIS FED. AID PROJECT	



LEGEND

- ➔ DIRECTION OF TRAFFIC
- CONE, DRUM, OR BARRICADE
- ⊥ TYPE III BARRICADE
- ➔ TEMPORARY STAGE DRAINAGE FLOW
- ▨ STAGE CONSTRUCTION LIMITS
- ▨ TEMPORARY PAVEMENT
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- ⑥ TEMP. PAVEMENT MARKING - LINE 24" (WHITE)
- ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS

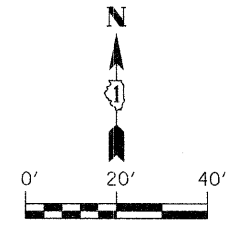
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	PLOT DATE = 10/22/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

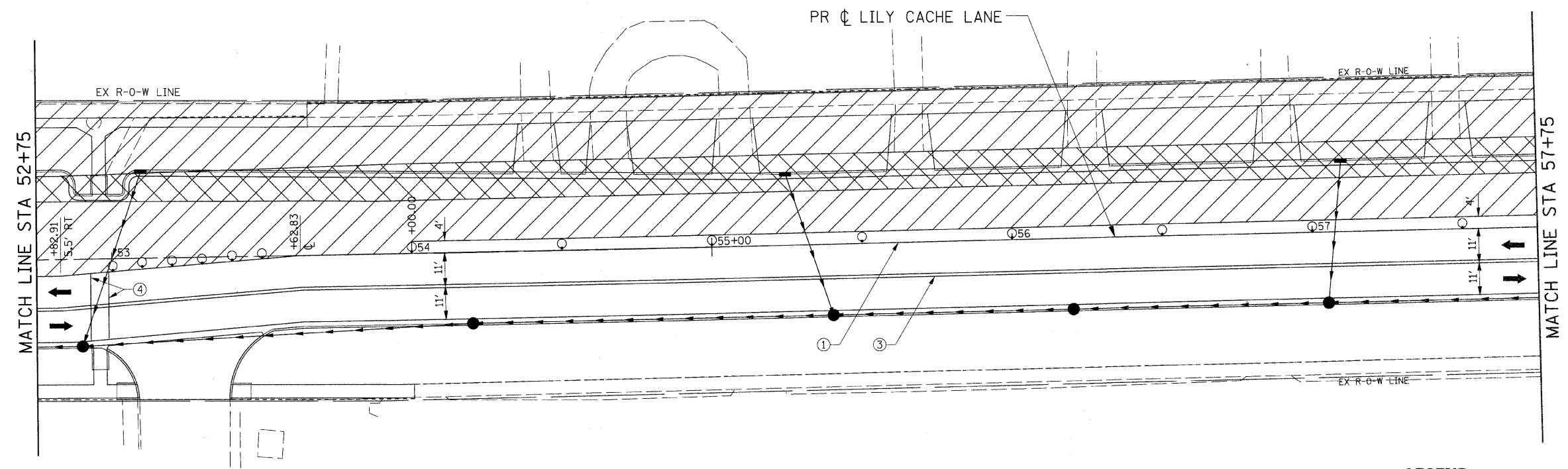
**SUGGESTED STAGING PLAN
STAGE 3 - LILY CACHE LANE**

SCALE: SHEET NO. OF SHEETS STA. 47+75 TO STA. 52+75

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	118
ILLINOIS FED. AID PROJECT			CONTRACT NO. 63503	



CONTRACTOR SHALL MAINTAIN SCHOOL CROSSING DURING ALL STAGES OF CONSTRUCTION.



LEGEND

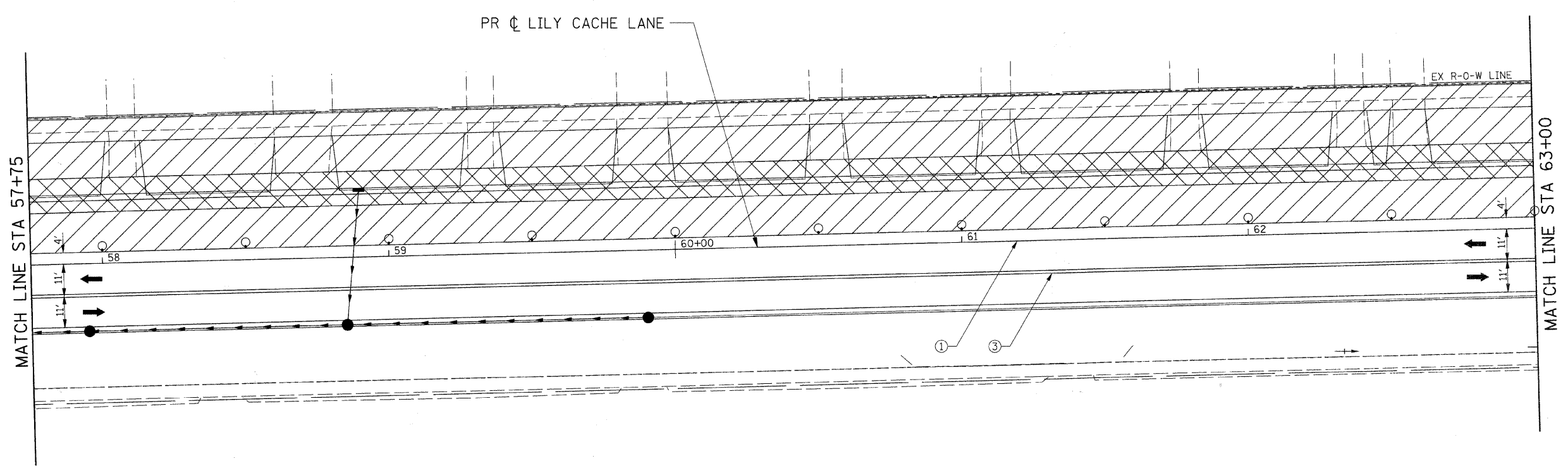
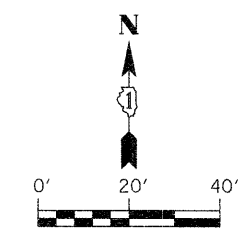
- ➔ DIRECTION OF TRAFFIC
- CONE, DRUM, OR BARRICADE
- ⊥ TYPE III BARRICADE
- ➔ TEMPORARY STAGE DRAINAGE FLOW
- ▨ STAGE CONSTRUCTION LIMITS
- ▨ TEMPORARY PAVEMENT
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- ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS

FILE NAME =	USER NAME = IE Consultants	DESIGNED -	REVISED -
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	PLOT DATE = 10/22/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGING PLAN STAGE 3 - LILY CACHE LANE			
SCALE:	SHEET NO. OF SHEETS	STA. 52+75 TO STA. 57+75	

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	119
CONTRACT NO. 63503			ILLINOIS FED. AID PROJECT	



- LEGEND**
- ➔ DIRECTION OF TRAFFIC
 - CONE, DRUM, OR BARRICADE
 - ⊥ TYPE III BARRICADE
 - ➔ TEMPORARY STAGE DRAINAGE FLOW
 - ▨ STAGE CONSTRUCTION LIMITS
 - ▨ TEMPORARY PAVEMENT
 - ▨ TEMPORARY PAVEMENT REMOVAL
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 - ③ TEMP. PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
 - ④ TEMP. PAVEMENT MARKING - LINE 6" (WHITE)
 - ⑤ TEMP. PAVEMENT MARKING - LINE 12" (YELLOW)
 - ⑥ TEMP. PAVEMENT MARKING - LINE 24" (WHITE)
 - ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS

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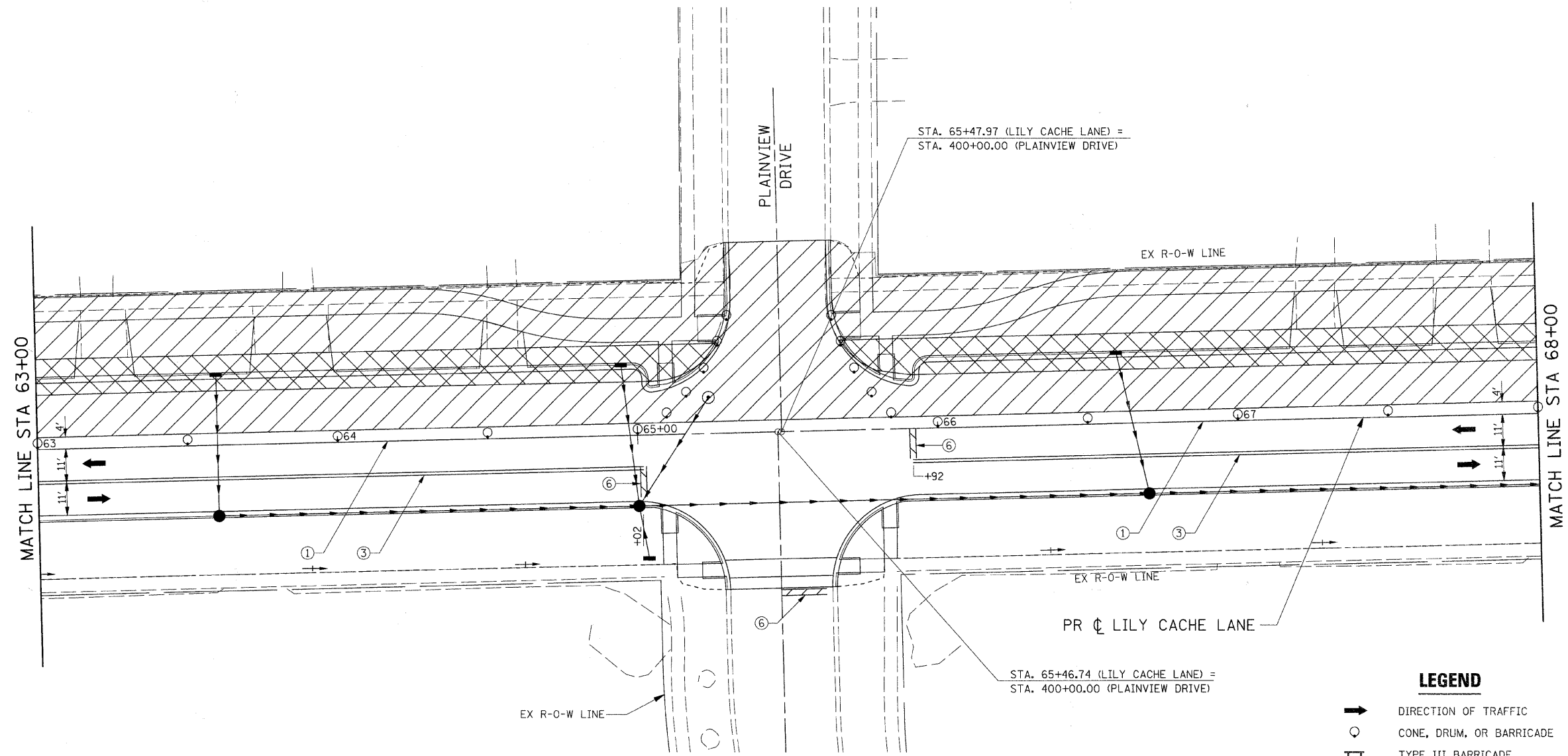
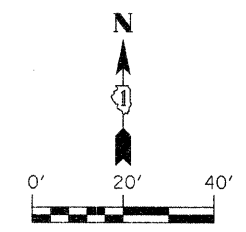
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING PLAN
STAGE 3 - LILY CACHE LANE**

SCALE:	SHEET NO. OF SHEETS	STA. 57+75 TO STA. 63+00
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F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	120
			CONTRACT NO. 63503	
ILLINOIS FED. AID PROJECT				

SEE "SUGGESTED STAGING PLAN SIDE ROADS" FOR CONSTRUCTION INFORMATION.



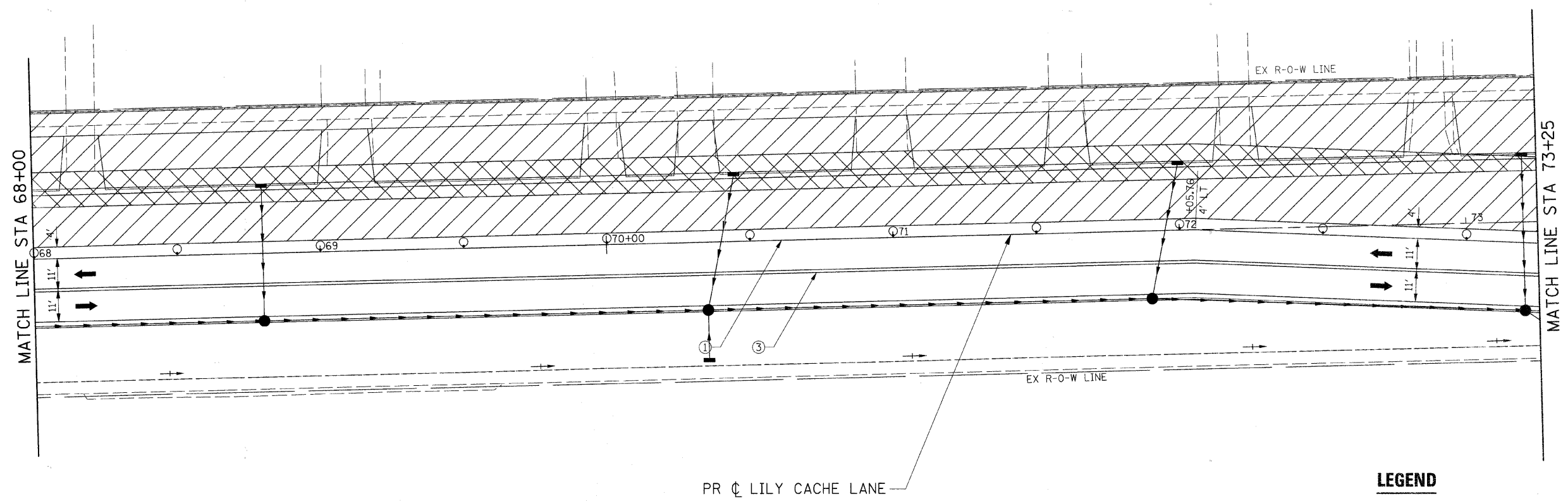
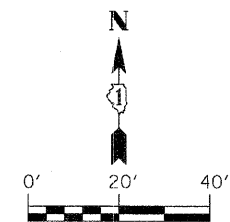
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	PLOT DATE = 10/22/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING PLAN
STAGE 3 - LILY CACHE LANE**

SCALE:	SHEET NO. OF SHEETS	STA. 63+00 TO STA. 68+00
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F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	121
			CONTRACT NO. 63503	
ILLINOIS FED. AID PROJECT				



- LEGEND**
- ➔ DIRECTION OF TRAFFIC
 - CONE, DRUM, OR BARRICADE
 - TT TYPE III BARRICADE
 - ➔ TEMPORARY STAGE DRAINAGE FLOW
 - ▨ STAGE CONSTRUCTION LIMITS
 - ▨ TEMPORARY PAVEMENT
 - ▨ TEMPORARY PAVEMENT REMOVAL
 - ① TEMP. PAVEMENT MARKING - LINE 4" (WHITE)
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 - ⑥ TEMP. PAVEMENT MARKING - LINE 24" (WHITE)
 - ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS

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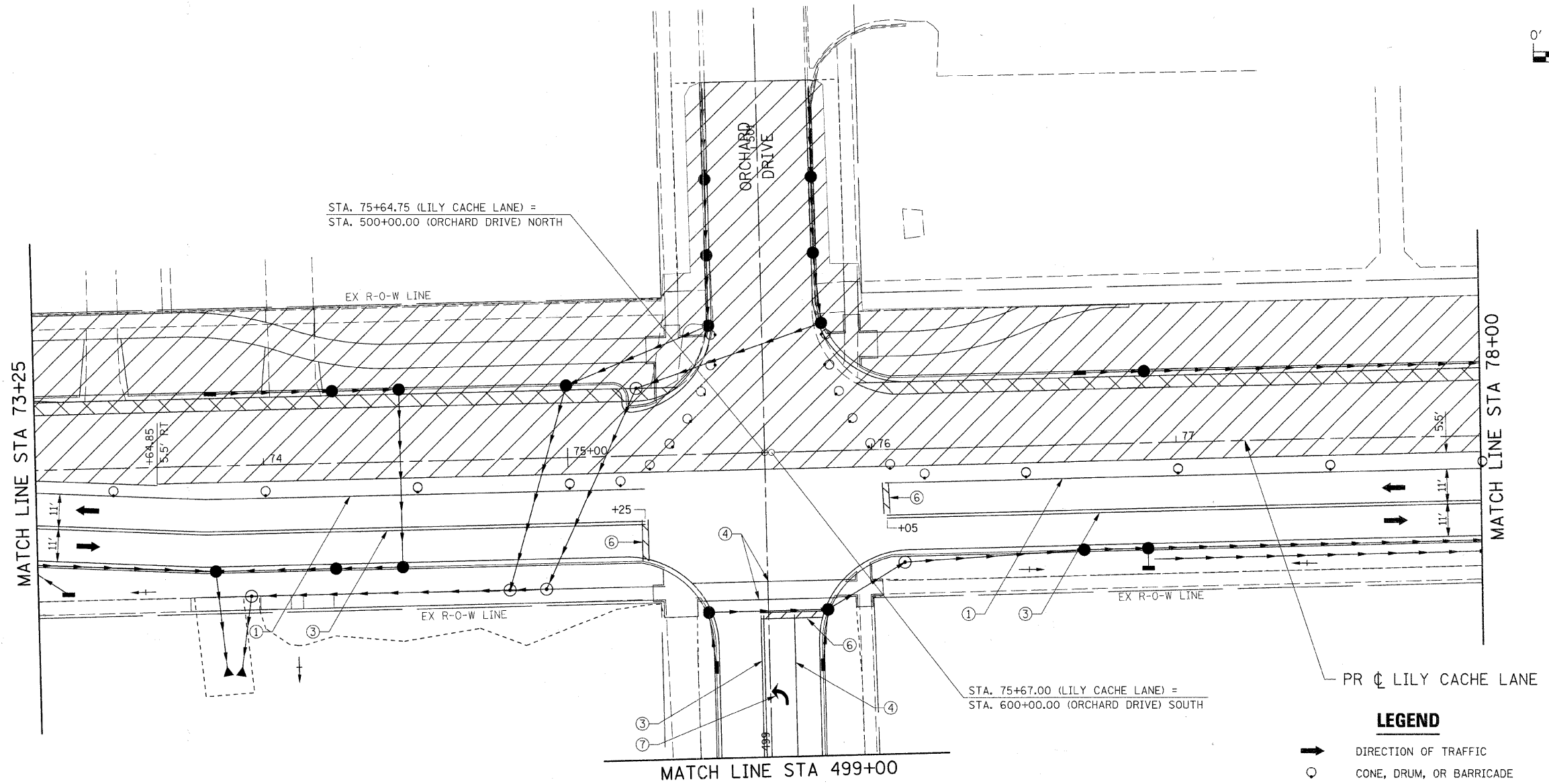
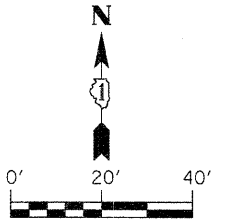
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING PLAN
STAGE 3 - LILY CACHE LANE**

SCALE: SHEET NO. OF SHEETS STA. 68+00 TO STA. 73+25

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	122
ILLINOIS FED. AID PROJECT			CONTRACT NO. 63503	

SEE "SUGGESTED STAGING PLAN SIDE ROADS" FOR CONSTRUCTION INFORMATION.



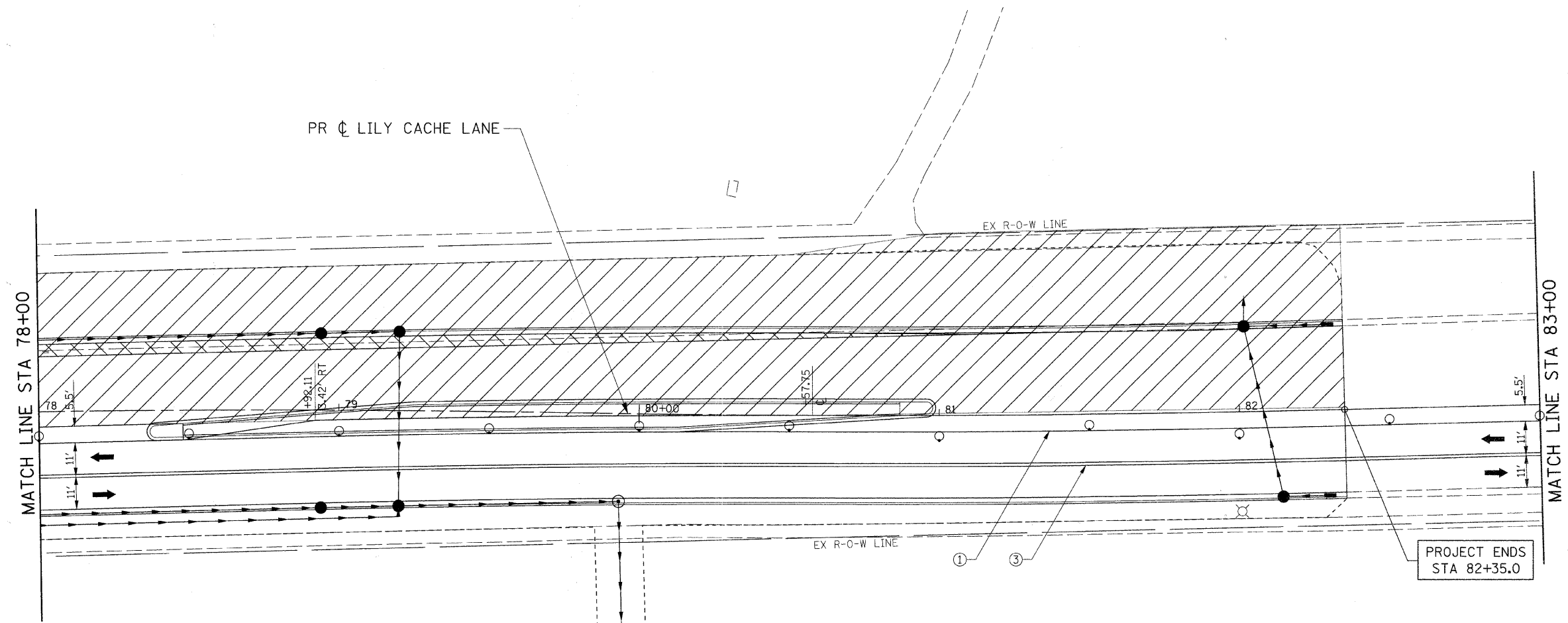
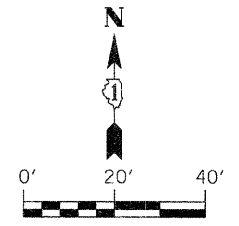
- LEGEND**
- ➔ DIRECTION OF TRAFFIC
 - CONE, DRUM, OR BARRICADE
 - ⊥ TYPE III BARRICADE
 - ➔ TEMPORARY STAGE DRAINAGE FLOW
 - ▨ STAGE CONSTRUCTION LIMITS
 - ▩ TEMPORARY PAVEMENT
 - ▩ TEMPORARY PAVEMENT REMOVAL
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 - ⑥ TEMP. PAVEMENT MARKING - LINE 24" (WHITE)
 - ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS

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	PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/22/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGING PLAN STAGE 3 - LILY CACHE LANE			
SCALE:	SHEET NO.	OF SHEETS	STA. 73+25 TO STA. 78+00

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	123
			CONTRACT NO. 63503	
ILLINOIS FED. AID PROJECT				



- LEGEND**
- ➔ DIRECTION OF TRAFFIC
 - CONE, DRUM, OR BARRICADE
 - TT TYPE III BARRICADE
 - ➔ TEMPORARY STAGE DRAINAGE FLOW
 - ▨ STAGE CONSTRUCTION LIMITS
 - ▨ TEMPORARY PAVEMENT
 - ▨ TEMPORARY PAVEMENT REMOVAL
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 - ② TEMP. PAVEMENT MARKING - LINE 4" (YELLOW)
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 - ⑥ TEMP. PAVEMENT MARKING - LINE 24" (WHITE)
 - ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS

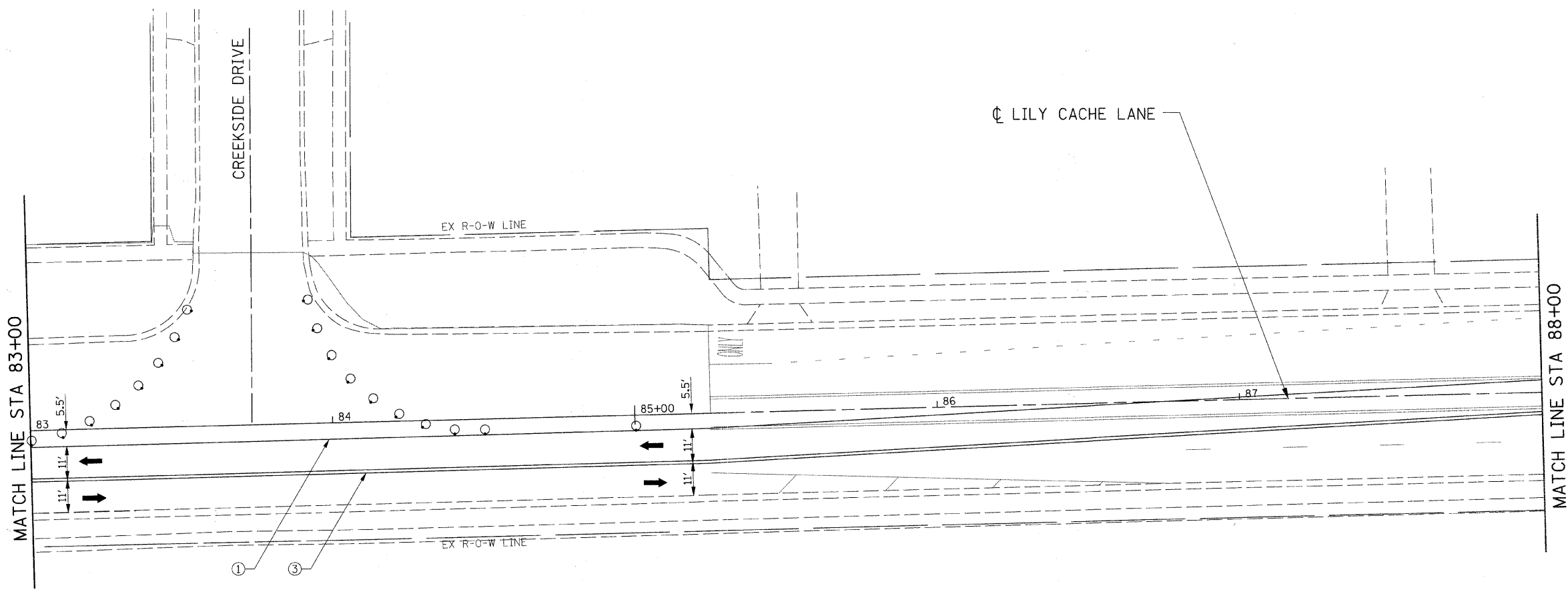
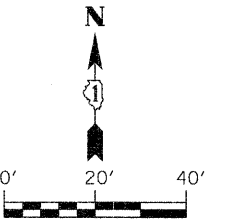
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	PLOT DATE = 10/22/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING PLAN
STAGE 3 - LILY CACHE LANE**

SCALE: SHEET NO. OF SHEETS STA. 78+00 TO STA. 83+00

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	124
ILLINOIS FED. AID PROJECT			CONTRACT NO. 63503	



- LEGEND**
- ➔ DIRECTION OF TRAFFIC
 - CONE, DRUM, OR BARRICADE
 - ⌌ TYPE III BARRICADE
 - ➔ TEMPORARY STAGE DRAINAGE FLOW
 - ▨ STAGE CONSTRUCTION LIMITS
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 - ③ TEMP. PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
 - ④ TEMP. PAVEMENT MARKING - LINE 6" (WHITE)
 - ⑤ TEMP. PAVEMENT MARKING - LINE 12" (YELLOW)
 - ⑥ TEMP. PAVEMENT MARKING - LINE 24" (WHITE)
 - ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS

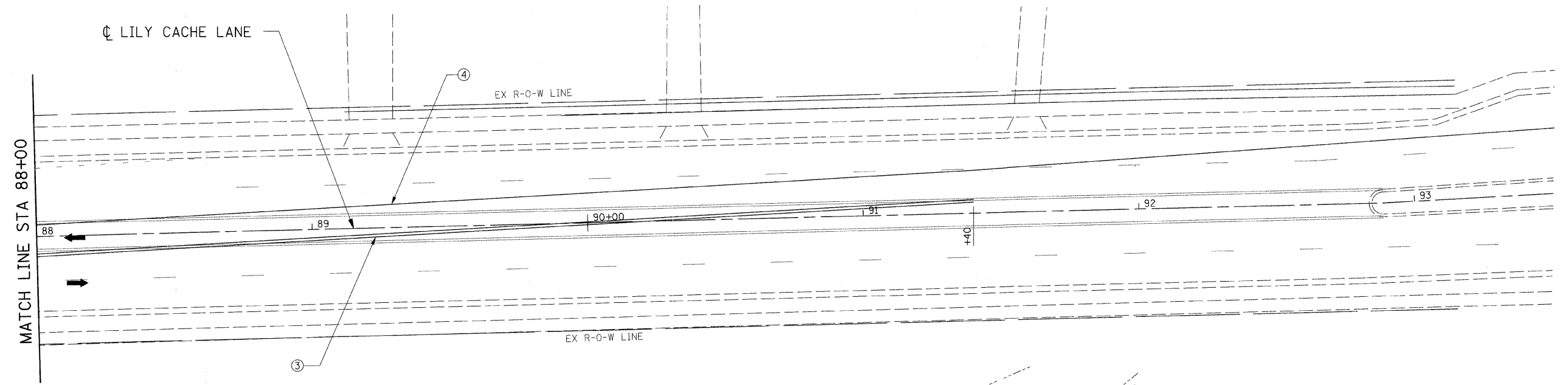
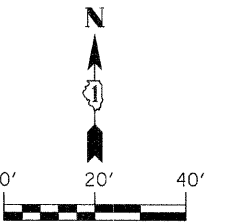
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING PLAN
STAGE 3 - LILY CACHE LANE**

SCALE: SHEET NO. OF SHEETS STA. 83+00 TO STA. 88+00

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	125
CONTRACT NO. 63503			ILLINOIS FED. AID PROJECT	



- LEGEND**
- ➔ DIRECTION OF TRAFFIC
 - CONE, DRUM, OR BARRICADE
 - TT TYPE III BARRICADE
 - ➔ TEMPORARY STAGE DRAINAGE FLOW
 - ▨ STAGE CONSTRUCTION LIMITS
 - ▨ TEMPORARY PAVEMENT
 - ▨ TEMPORARY PAVEMENT REMOVAL
 - ① TEMP. PAVEMENT MARKING - LINE 4" (WHITE)
 - ② TEMP. PAVEMENT MARKING - LINE 4" (YELLOW)
 - ③ TEMP. PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
 - ④ TEMP. PAVEMENT MARKING - LINE 6" (WHITE)
 - ⑤ TEMP. PAVEMENT MARKING - LINE 12" (YELLOW)
 - ⑥ TEMP. PAVEMENT MARKING - LINE 24" (WHITE)
 - ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS

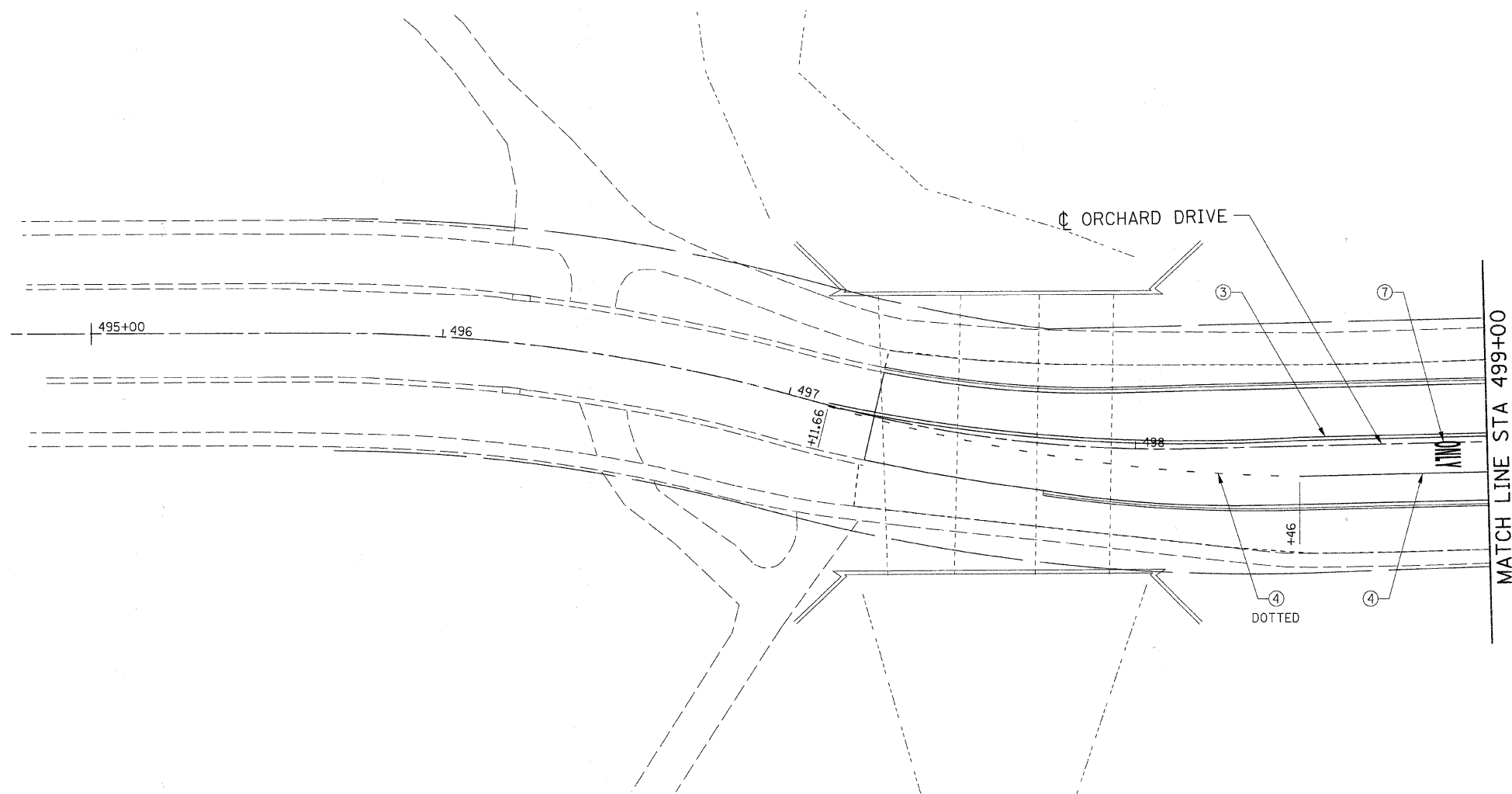
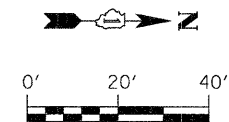
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	PLOT DATE = 10/22/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING PLAN
STAGE 3 - LILY CACHE LANE**

SCALE:	SHEET NO.	OF	SHEETS	STA. 88+00	TO STA. 93+00
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F.A.J.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	126
CONTRACT NO. 63503			ILLINOIS FED. AID PROJECT	



LEGEND

- ➔ DIRECTION OF TRAFFIC
- CONE, DRUM, OR BARRICADE
- ⊥ TYPE III BARRICADE
- ➔ TEMPORARY STAGE DRAINAGE FLOW
- ▨ STAGE CONSTRUCTION LIMITS
- ▨ TEMPORARY PAVEMENT
- ▨ TEMPORARY PAVEMENT REMOVAL
- ① TEMP. PAVEMENT MARKING - LINE 4" (WHITE)
- ② TEMP. PAVEMENT MARKING - LINE 4" (YELLOW)
- ③ TEMP. PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ④ TEMP. PAVEMENT MARKING - LINE 6" (WHITE)
- ⑤ TEMP. PAVEMENT MARKING - LINE 12" (YELLOW)
- ⑥ TEMP. PAVEMENT MARKING - LINE 24" (WHITE)
- ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS

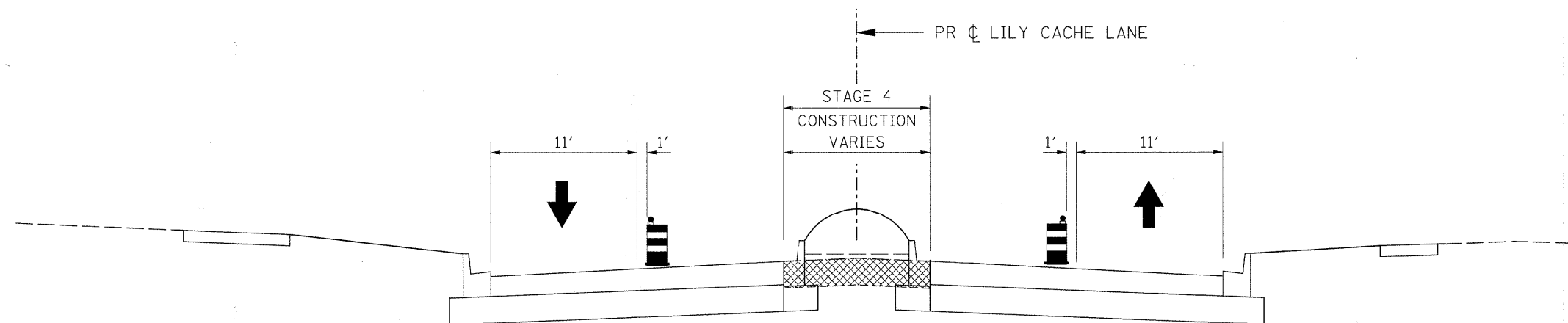
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING PLAN
STAGE 3 - ORCHARD DRIVE**

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

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	127
CONTRACT NO. 63503				
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION - STAGE 4

- STA 28+73 TO STA 31+55
- STA 32+55 TO STA 34+83
- STA 35+83 TO STA 39+32
- STA 40+32 TO STA 42+36
- STA 48+10 TO STA 49+75
- STA 50+77 TO STA 53+96
- STA 78+48 TO STA 80+87

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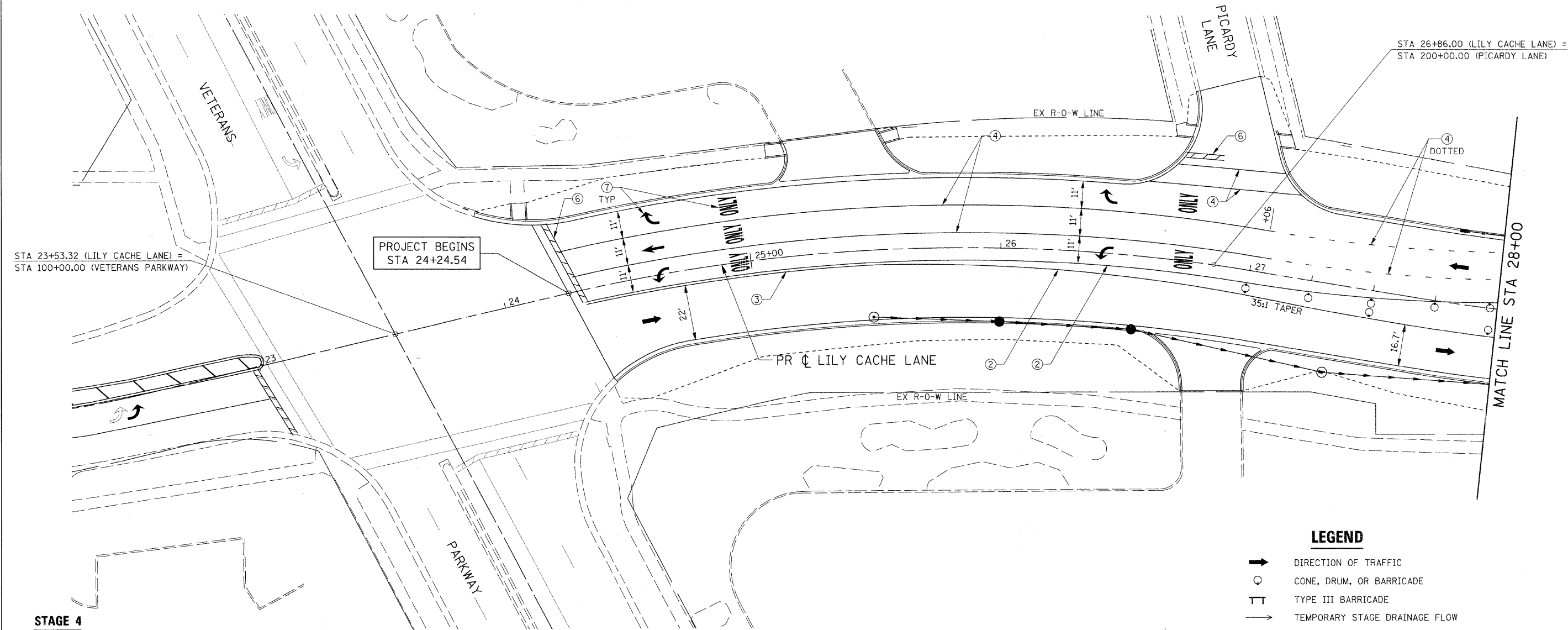
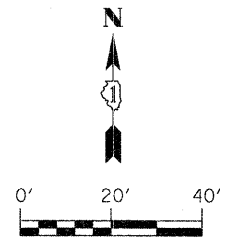
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGING PLAN STAGE 4 - LILY CACHE LANE TYPICAL SECTIONS			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	128
CONTRACT NO. 63503			ILLINOIS FED. AID PROJECT	

NOTES:

1. SEE "REMOVAL AND ADJUSTMENT PLANS" FOR REMOVAL OF EXISTING ITEMS.
2. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL SIDE ROADS AND ENTRANCES AT ALL TIMES.
3. THE CONTRACTOR SHALL APPLY TYPE III PAVEMENT MARKING TAPE AS DIRECTED BY THE ENGINEER. THIS ITEM SHALL BE INCLUDED IN THE COST OF TEMPORARY PAVEMENT MARKINGS.



STA 23+53.32 (LILY CACHE LANE) =
STA 100+00.00 (VETERANS PARKWAY)

PROJECT BEGINS
STA 24+24.54

STA 26+86.00 (LILY CACHE LANE) =
STA 200+00.00 (PICARDY LANE)

MATCH LINE STA 28+00

**STAGE 4
RECOMMENDED SEQUENCE OF CONSTRUCTION:**

1. CONTRACTOR SHALL PLACE ALL ADVANCED WARNING SIGNAGE PRIOR TO BEGINNING ANY CONSTRUCTION IN ACCORDANCE WITH STANDARD 701326.
2. CONTRACTOR SHALL REMOVE ALL CONFLICTING PAVEMENT MARKINGS AND PLACE ALL TEMPORARY PAVEMENT MARKINGS AS SHOWN ON THE PLANS.
3. SHIFT TRAFFIC TO EACH SIDE OF MEDIAN UNLESS OTHERWISE SHOWN.
4. CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY ENTRANCES WHERE REQUIRED DURING CONSTRUCTION.
5. REMOVE REMAINING EXISTING PAVEMENT AND CONSTRUCT RASIED MEDIAN.

LEGEND

- ➔ DIRECTION OF TRAFFIC
- CONE, DRUM, OR BARRICADE
- TT TYPE III BARRICADE
- ➔ TEMPORARY STAGE DRAINAGE FLOW
- ▨ STAGE CONSTRUCTION LIMITS
- ▨ TEMPORARY PAVEMENT
- ▨ TEMPORARY PAVEMENT REMOVAL
- ① TEMP. PAVEMENT MARKING - LINE 4" (WHITE)
- ② TEMP. PAVEMENT MARKING - LINE 4" (YELLOW)
- ③ TEMP. PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ④ TEMP. PAVEMENT MARKING - LINE 6" (WHITE)
- ⑤ TEMP. PAVEMENT MARKING - LINE 12" (YELLOW)
- ⑥ TEMP. PAVEMENT MARKING - LINE 24" (WHITE)
- ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS

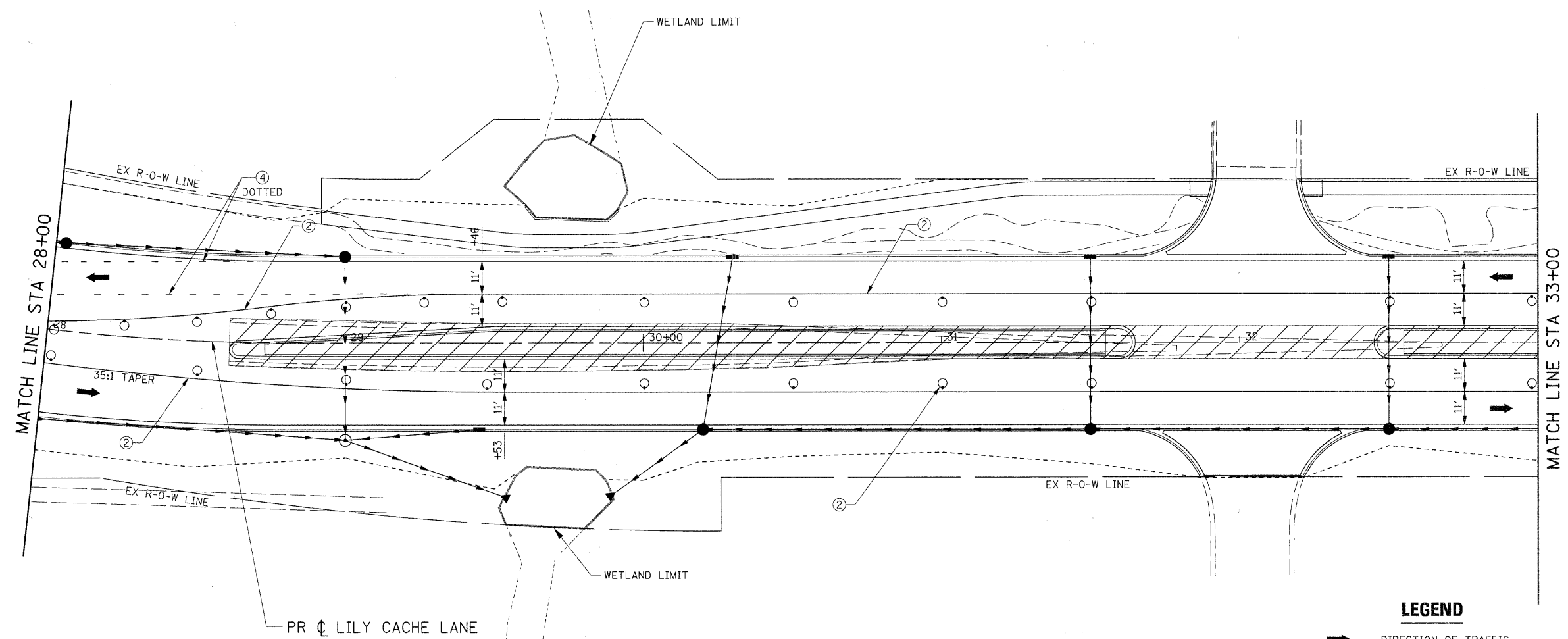
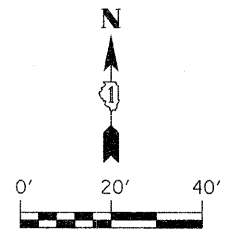
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	PLOT DATE = 10/22/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING PLAN
STAGE 4 - LILY CACHE LANE**

SCALE: SHEET NO. OF SHEETS STA. 24+24.54 TO STA. 28+00

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	129
CONTRACT NO. 63503			ILLINOIS FED. AID PROJECT	



- LEGEND**
- ➔ DIRECTION OF TRAFFIC
 - CONE, DRUM, OR BARRICADE
 - TT TYPE III BARRICADE
 - ➔ TEMPORARY STAGE DRAINAGE FLOW
 - ▨ STAGE CONSTRUCTION LIMITS
 - ▨ TEMPORARY PAVEMENT
 - ▨ TEMPORARY PAVEMENT REMOVAL
 - ① TEMP. PAVEMENT MARKING - LINE 4" (WHITE)
 - ② TEMP. PAVEMENT MARKING - LINE 4" (YELLOW)
 - ③ TEMP. PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
 - ④ TEMP. PAVEMENT MARKING - LINE 6" (WHITE)
 - ⑤ TEMP. PAVEMENT MARKING - LINE 12" (YELLOW)
 - ⑥ TEMP. PAVEMENT MARKING - LINE 24" (WHITE)
 - ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS

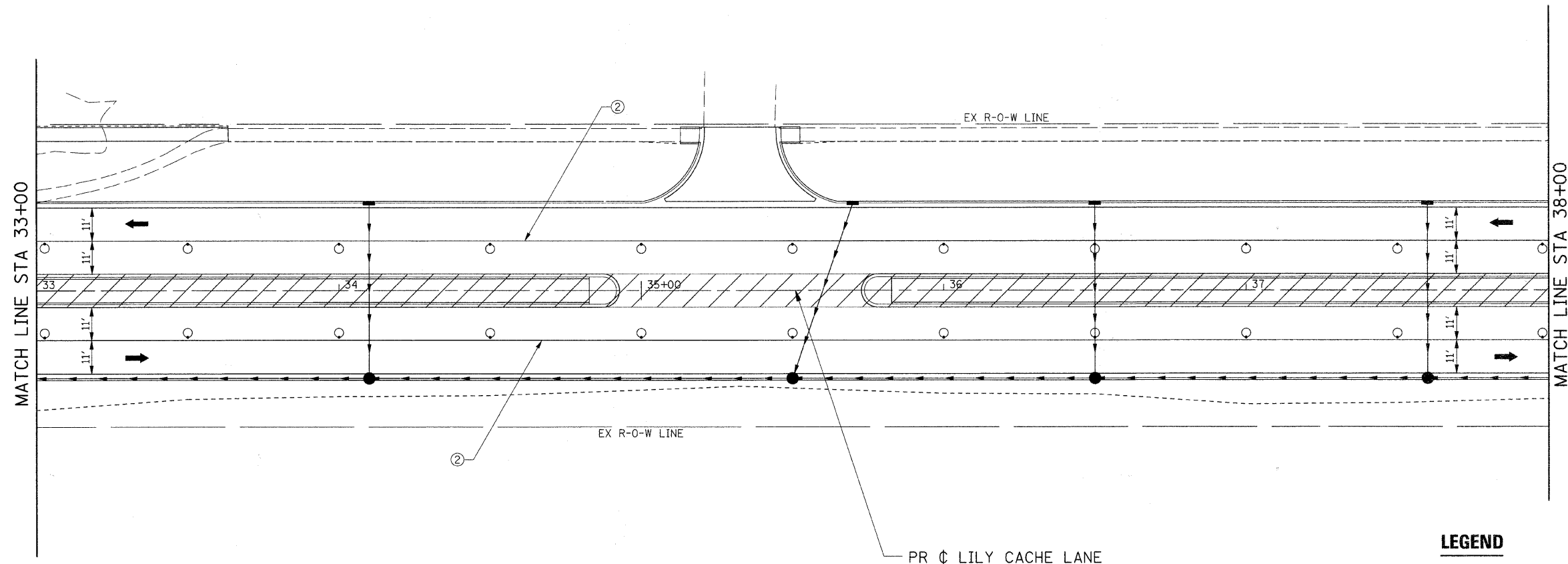
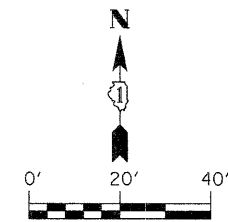
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	PLOT DATE = 10/22/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING PLAN
STAGE 4 - LILY CACHE LANE**

SCALE:	SHEET NO.	OF	SHEETS	STA. 28+00	TO STA. 33+00
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F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	130
			CONTRACT NO. 63503	
ILLINOIS FED. AID PROJECT				



- LEGEND**
- ➔ DIRECTION OF TRAFFIC
 - CONE, DRUM, OR BARRICADE
 - TT TYPE III BARRICADE
 - ➔ TEMPORARY STAGE DRAINAGE FLOW
 - ▨ STAGE CONSTRUCTION LIMITS
 - ▨ TEMPORARY PAVEMENT
 - ▨ TEMPORARY PAVEMENT REMOVAL
 - ① TEMP. PAVEMENT MARKING - LINE 4" (WHITE)
 - ② TEMP. PAVEMENT MARKING - LINE 4" (YELLOW)
 - ③ TEMP. PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
 - ④ TEMP. PAVEMENT MARKING - LINE 6" (WHITE)
 - ⑤ TEMP. PAVEMENT MARKING - LINE 12" (YELLOW)
 - ⑥ TEMP. PAVEMENT MARKING - LINE 24" (WHITE)
 - ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS

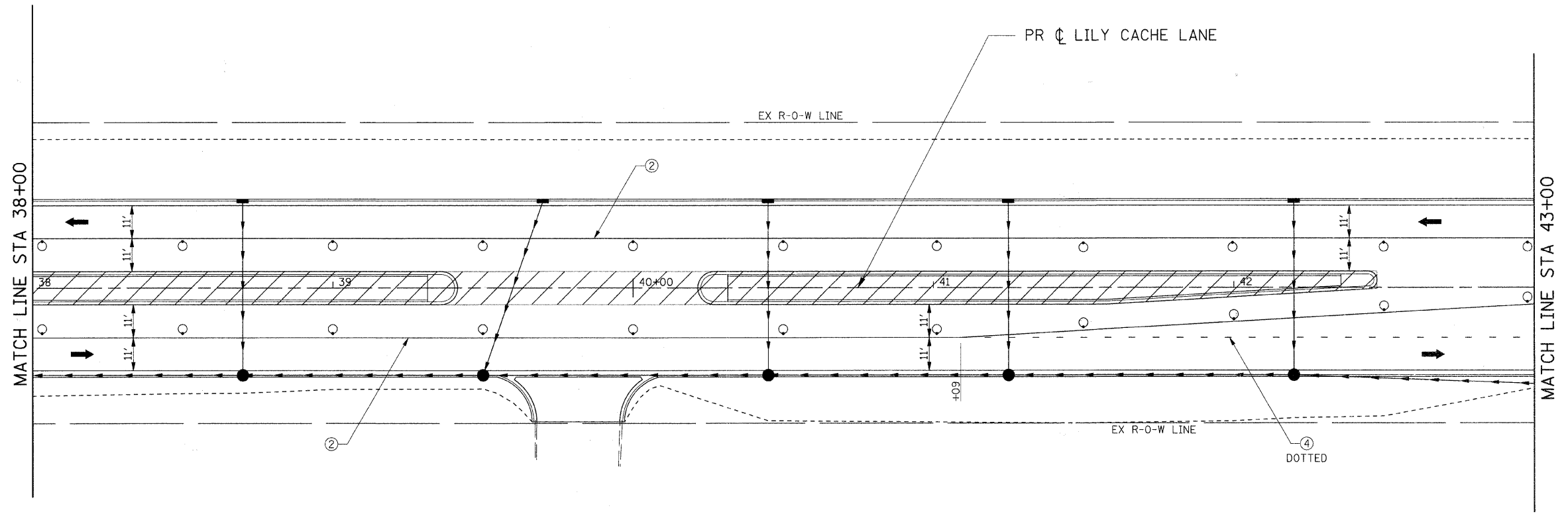
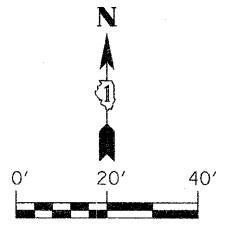
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING PLAN
STAGE 4 - LILY CACHE LANE**

SCALE: SHEET NO. OF SHEETS STA. 33+00 TO STA. 38+00

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	131
CONTRACT NO. 63503			ILLINOIS FED. AID PROJECT	



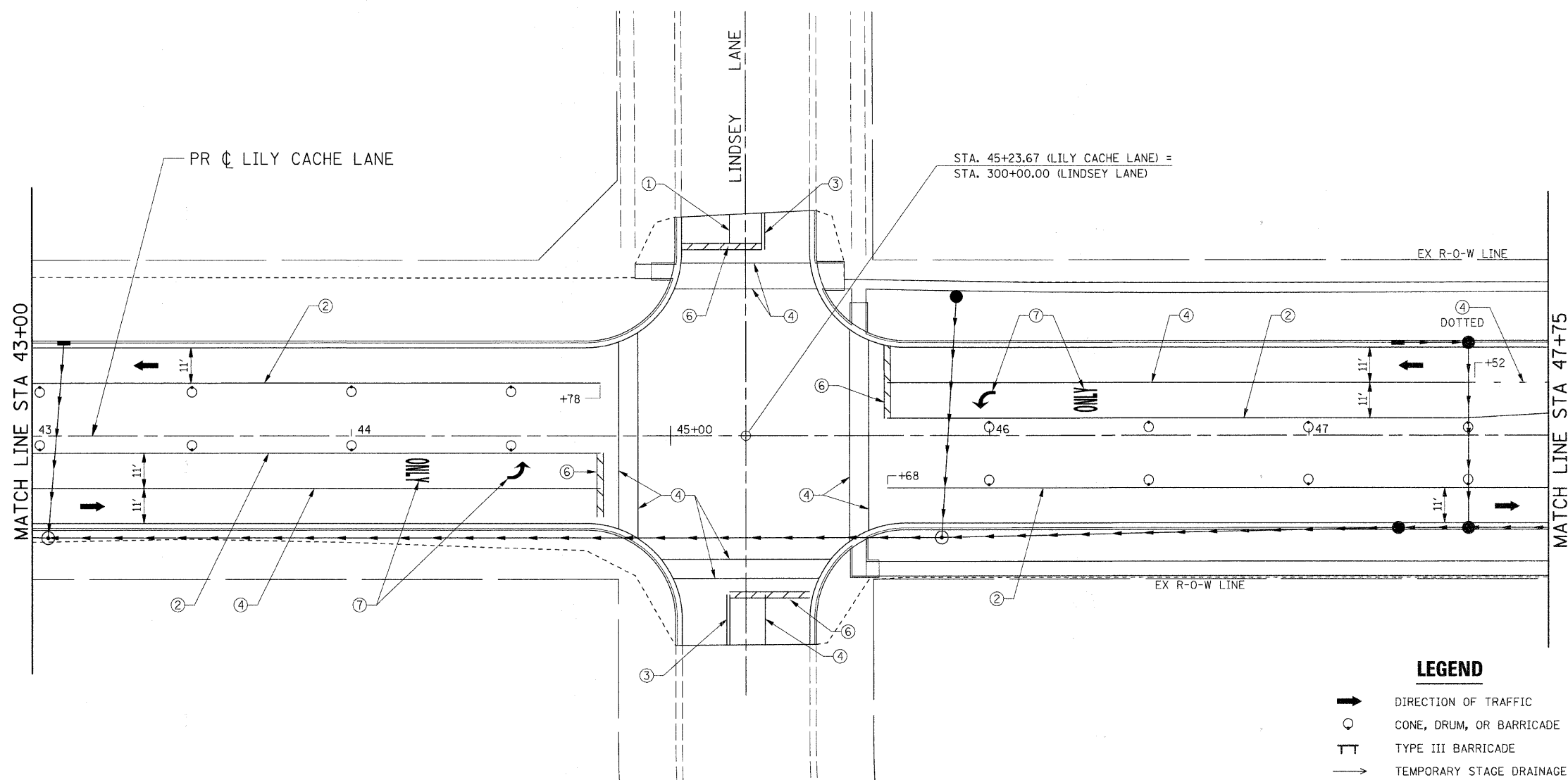
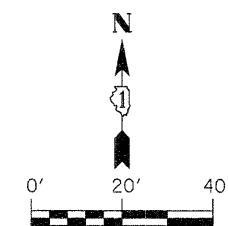
- LEGEND**
- ➔ DIRECTION OF TRAFFIC
 - CONE, DRUM, OR BARRICADE
 - ⊥ TYPE III BARRICADE
 - ➔ TEMPORARY STAGE DRAINAGE FLOW
 - ▨ STAGE CONSTRUCTION LIMITS
 - ▨ TEMPORARY PAVEMENT
 - ▨ TEMPORARY PAVEMENT REMOVAL
 - ① TEMP. PAVEMENT MARKING - LINE 4" (WHITE)
 - ② TEMP. PAVEMENT MARKING - LINE 4" (YELLOW)
 - ③ TEMP. PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
 - ④ TEMP. PAVEMENT MARKING - LINE 6" (WHITE)
 - ⑤ TEMP. PAVEMENT MARKING - LINE 12" (YELLOW)
 - ⑥ TEMP. PAVEMENT MARKING - LINE 24" (WHITE)
 - ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS

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	PLOT DATE = 10/22/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGING PLAN STAGE 4 - LILY CACHE LANE				
SCALE:	SHEET NO.	OF	SHEETS	STA. 38+00 TO STA. 43+00

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	132
CONTRACT NO. 63503			ILLINOIS FED. AID PROJECT	



LEGEND

- ➔ DIRECTION OF TRAFFIC
- CONE, DRUM, OR BARRICADE
- ⊥ TYPE III BARRICADE
- ➔ TEMPORARY STAGE DRAINAGE FLOW
- ▨ STAGE CONSTRUCTION LIMITS
- ▨ TEMPORARY PAVEMENT
- ▨ TEMPORARY PAVEMENT REMOVAL
- ① TEMP. PAVEMENT MARKING - LINE 4" (WHITE)
- ② TEMP. PAVEMENT MARKING - LINE 4" (YELLOW)
- ③ TEMP. PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ④ TEMP. PAVEMENT MARKING - LINE 6" (WHITE)
- ⑤ TEMP. PAVEMENT MARKING - LINE 12" (YELLOW)
- ⑥ TEMP. PAVEMENT MARKING - LINE 24" (WHITE)
- ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS

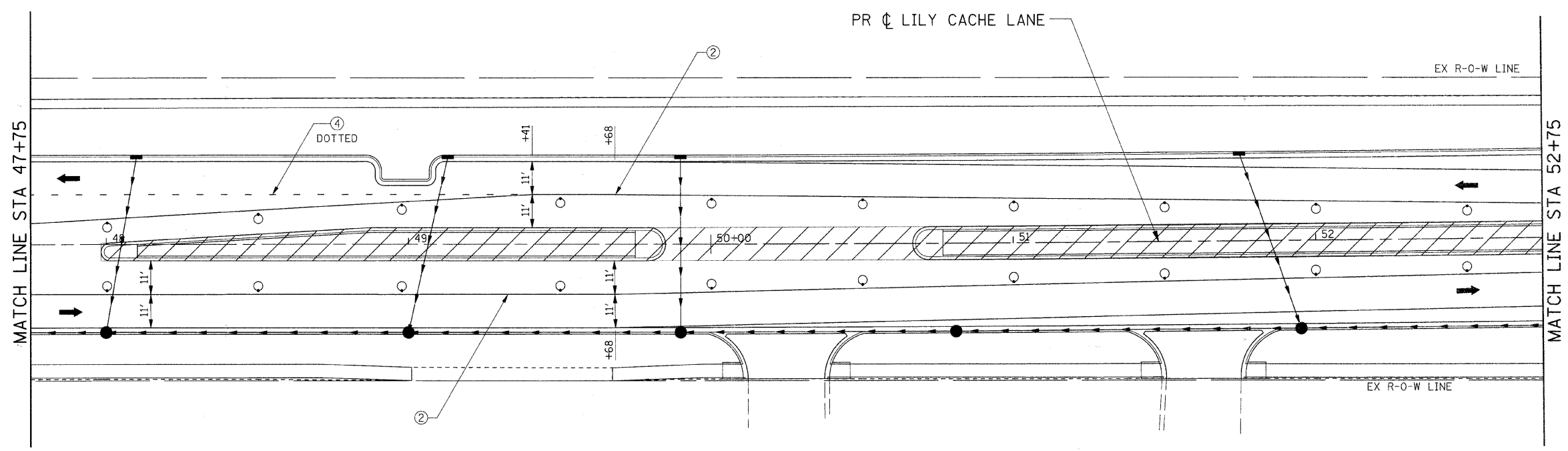
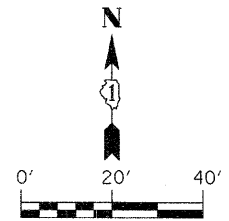
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	PLOT DATE = 10/22/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING PLAN
STAGE 4 - LILY CACHE LANE**

SCALE: SHEET NO. OF SHEETS STA. 43+00 TO STA. 47+75

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	133
ILLINOIS FED. AID PROJECT			CONTRACT NO. 63503	



LEGEND

- ➔ DIRECTION OF TRAFFIC
- CONE, DRUM, OR BARRICADE
- ⌌ TYPE III BARRICADE
- ➔ TEMPORARY STAGE DRAINAGE FLOW
- ▨ STAGE CONSTRUCTION LIMITS
- ▨ TEMPORARY PAVEMENT
- ▨ TEMPORARY PAVEMENT REMOVAL
- ① TEMP. PAVEMENT MARKING - LINE 4" (WHITE)
- ② TEMP. PAVEMENT MARKING - LINE 4" (YELLOW)
- ③ TEMP. PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ④ TEMP. PAVEMENT MARKING - LINE 6" (WHITE)
- ⑤ TEMP. PAVEMENT MARKING - LINE 12" (YELLOW)
- ⑥ TEMP. PAVEMENT MARKING - LINE 24" (WHITE)
- ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS

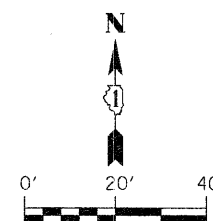
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

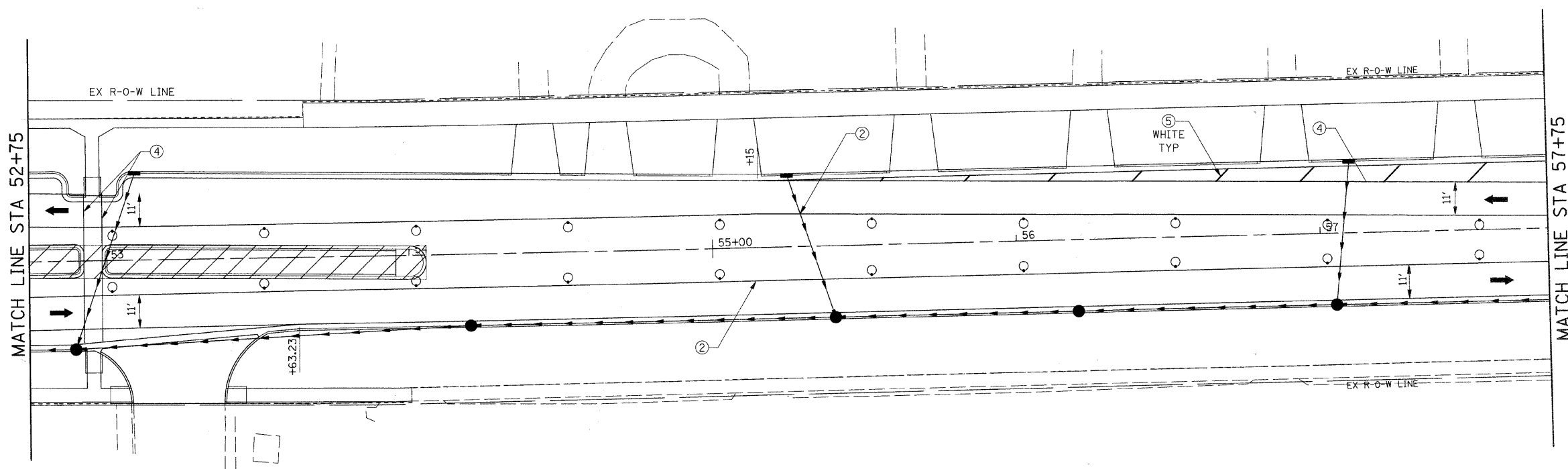
**SUGGESTED STAGING PLAN
STAGE 4 - LILY CACHE LANE**

SCALE:	SHEET NO.	OF	SHEETS	STA. 47+75	TO STA. 52+75
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F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	134
ILLINOIS FED. AID PROJECT			CONTRACT NO. 63503	



CONTRACTOR SHALL MAINTAIN SCHOOL CROSSING DURING ALL STAGES OF CONSTRUCTION.



LEGEND

- ➔ DIRECTION OF TRAFFIC
- CONE, DRUM, OR BARRICADE
- ⊥ TYPE III BARRICADE
- ➔ TEMPORARY STAGE DRAINAGE FLOW
- ▨ STAGE CONSTRUCTION LIMITS
- ▨ TEMPORARY PAVEMENT
- ▨ TEMPORARY PAVEMENT REMOVAL
- ① TEMP. PAVEMENT MARKING - LINE 4" (WHITE)
- ② TEMP. PAVEMENT MARKING - LINE 4" (YELLOW)
- ③ TEMP. PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ④ TEMP. PAVEMENT MARKING - LINE 6" (WHITE)
- ⑤ TEMP. PAVEMENT MARKING - LINE 12" (YELLOW)
- ⑥ TEMP. PAVEMENT MARKING - LINE 24" (WHITE)
- ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS

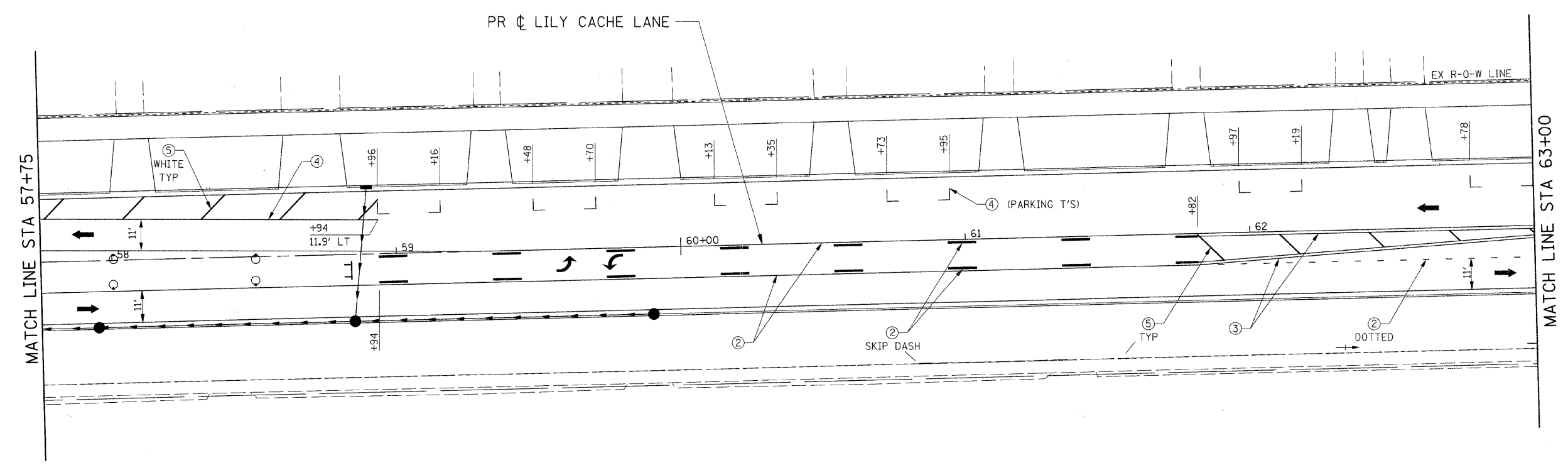
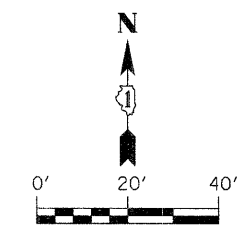
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	PLOT DATE = 10/22/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING PLAN
STAGE 4 - LILY CACHE LANE**

SCALE: SHEET NO. OF SHEETS STA. 52+75 TO STA. 57+75

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	135
CONTRACT NO. 63503			ILLINOIS FED. AID PROJECT	



- LEGEND**
- ➔ DIRECTION OF TRAFFIC
 - CONE, DRUM, OR BARRICADE
 - ⊥ TYPE III BARRICADE
 - ➔ TEMPORARY STAGE DRAINAGE FLOW
 - ▨ STAGE CONSTRUCTION LIMITS
 - ▨ TEMPORARY PAVEMENT
 - ▨ TEMPORARY PAVEMENT REMOVAL
 - ① TEMP. PAVEMENT MARKING - LINE 4" (WHITE)
 - ② TEMP. PAVEMENT MARKING - LINE 4" (YELLOW)
 - ③ TEMP. PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
 - ④ TEMP. PAVEMENT MARKING - LINE 6" (WHITE)
 - ⑤ TEMP. PAVEMENT MARKING - LINE 12" (YELLOW)
 - ⑥ TEMP. PAVEMENT MARKING - LINE 24" (WHITE)
 - ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS

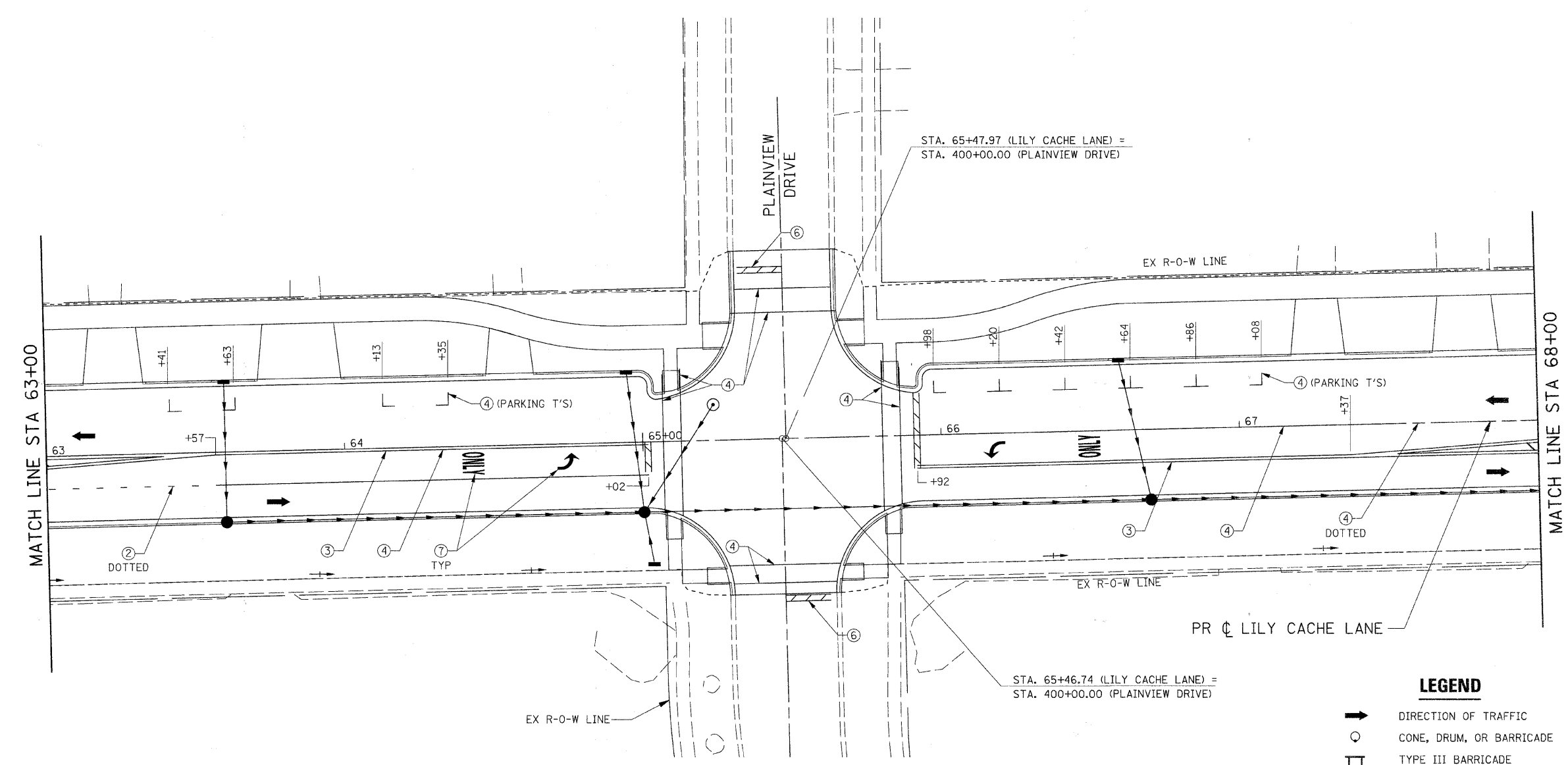
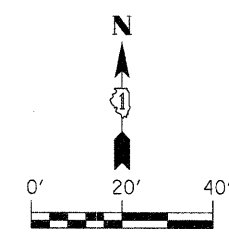
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	PLOT DATE = 10/22/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING PLAN
STAGE 4 - LILY CACHE LANE**

SCALE:	SHEET NO. OF SHEETS	STA. 57+75 TO STA. 63+00
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F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	136
CONTRACT NO. 63503			ILLINOIS FED. AID PROJECT	



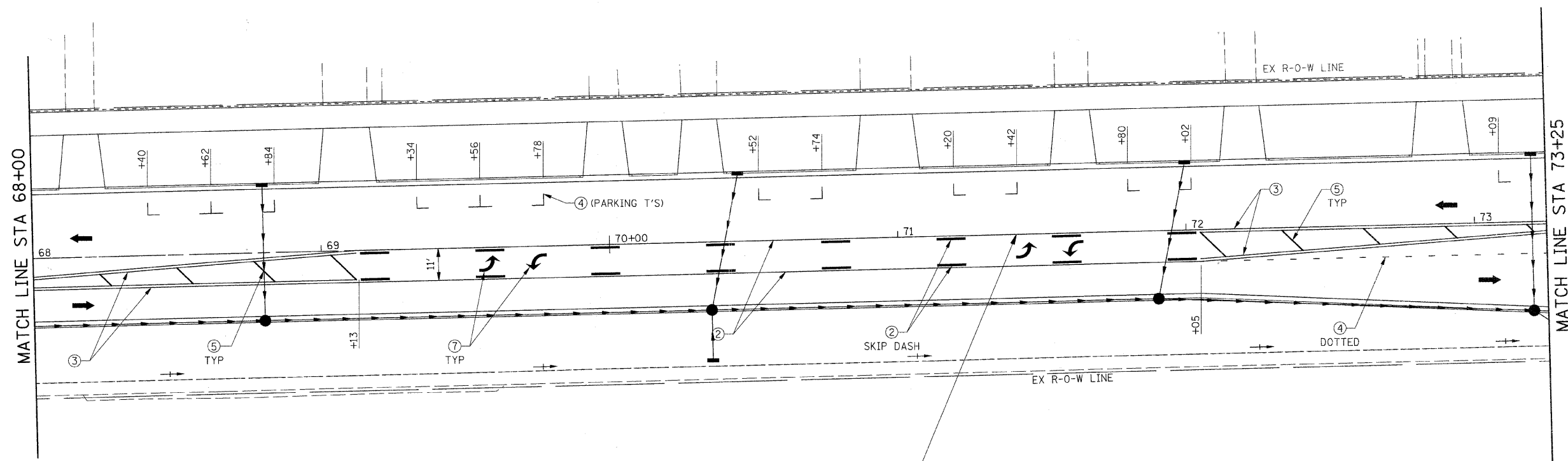
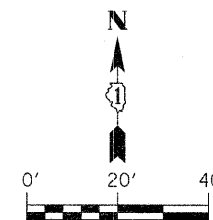
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- ➔ DIRECTION OF TRAFFIC
 - CONE, DRUM, OR BARRICADE
 - ⊥ TYPE III BARRICADE
 - ➔ TEMPORARY STAGE DRAINAGE FLOW
 - ▨ STAGE CONSTRUCTION LIMITS
 - ▨ TEMPORARY PAVEMENT
 - ▨ TEMPORARY PAVEMENT REMOVAL
 - ① TEMP. PAVEMENT MARKING - LINE 4" (WHITE)
 - ② TEMP. PAVEMENT MARKING - LINE 4" (YELLOW)
 - ③ TEMP. PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
 - ④ TEMP. PAVEMENT MARKING - LINE 6" (WHITE)
 - ⑤ TEMP. PAVEMENT MARKING - LINE 12" (YELLOW)
 - ⑥ TEMP. PAVEMENT MARKING - LINE 24" (WHITE)
 - ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS

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	PLOT SCALE = 20,0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/22/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGING PLAN STAGE 4 - LILY CACHE LANE			
SCALE:	SHEET NO.	OF SHEETS	STA. 63+00 TO STA. 68+00

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	137
CONTRACT NO. 63503				
ILLINOIS FED. AID PROJECT				



PR ϕ LILY CACHE LANE

LEGEND

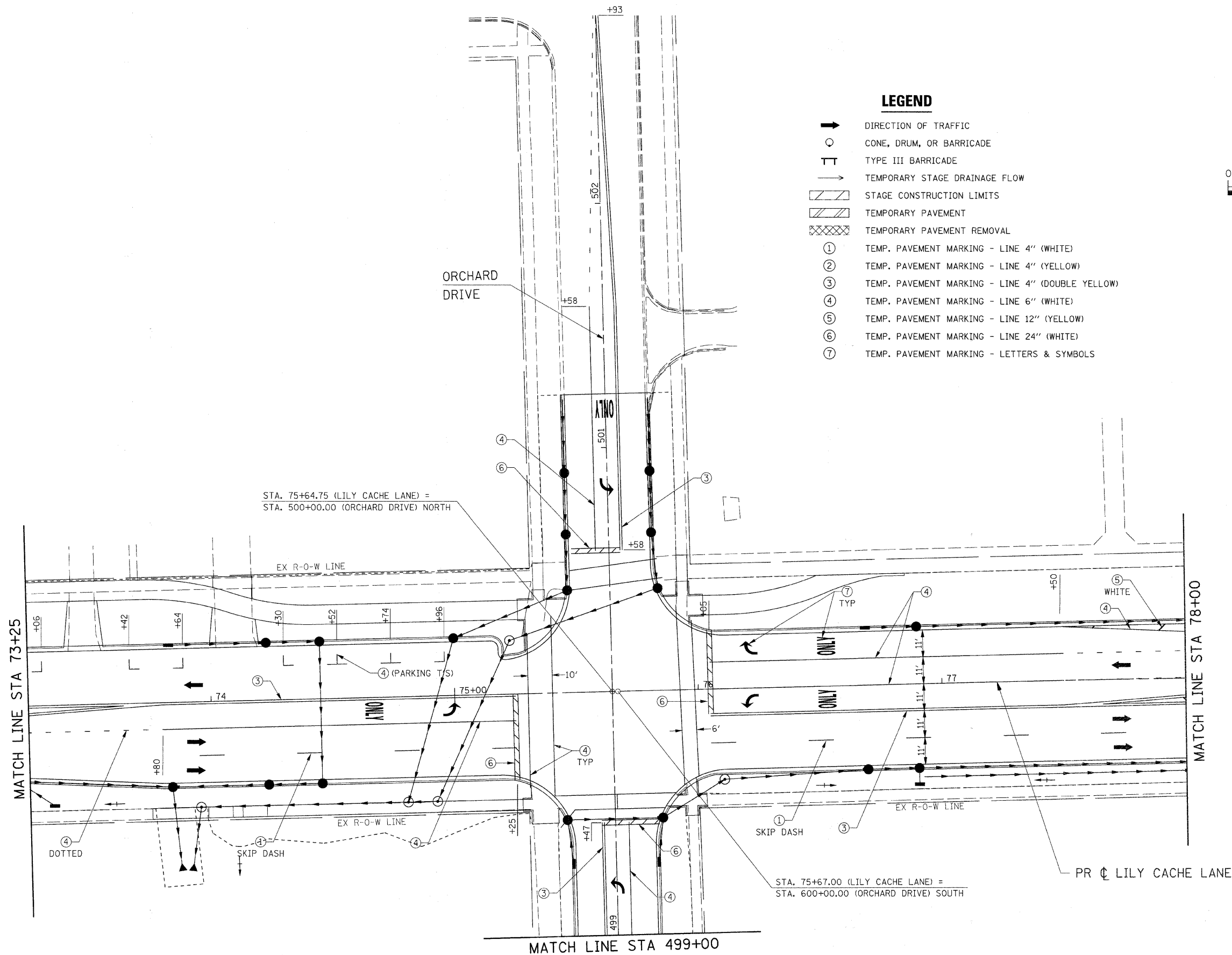
- DIRECTION OF TRAFFIC
- CONE, DRUM, OR BARRICADE
- TYPE III BARRICADE
- TEMPORARY STAGE DRAINAGE FLOW
- STAGE CONSTRUCTION LIMITS
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT REMOVAL
- ① TEMP. PAVEMENT MARKING - LINE 4" (WHITE)
- ② TEMP. PAVEMENT MARKING - LINE 4" (YELLOW)
- ③ TEMP. PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ④ TEMP. PAVEMENT MARKING - LINE 6" (WHITE)
- ⑤ TEMP. PAVEMENT MARKING - LINE 12" (YELLOW)
- ⑥ TEMP. PAVEMENT MARKING - LINE 24" (WHITE)
- ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

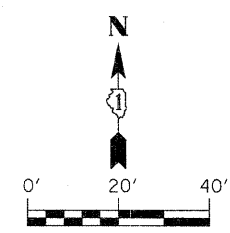
SUGGESTED STAGING PLAN STAGE 4 - LILY CACHE LANE			
SCALE:	SHEET NO. OF SHEETS	STA. 68+00 TO STA. 73+25	

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	138
			CONTRACT NO. 63503	
ILLINOIS FED. AID PROJECT				

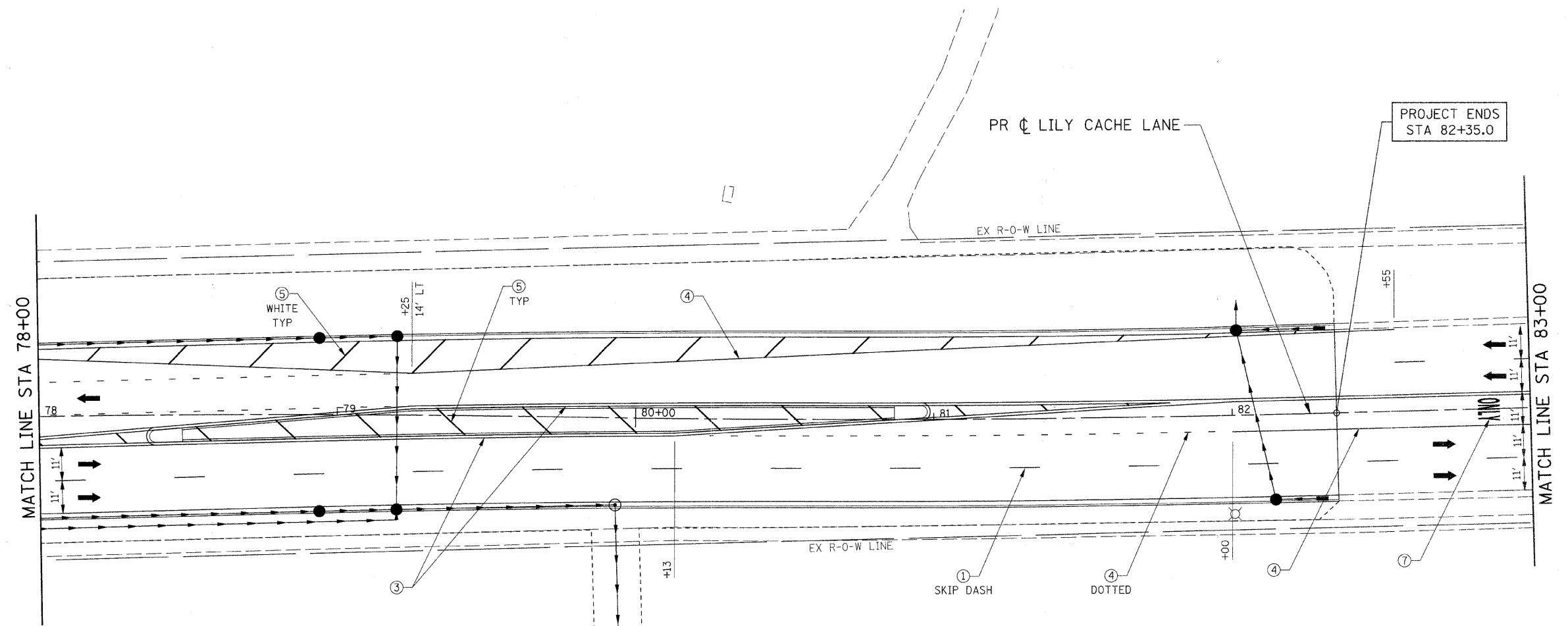
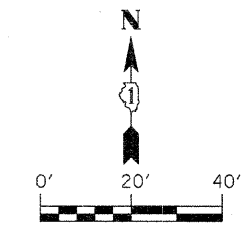


LEGEND

- ➔ DIRECTION OF TRAFFIC
- CONE, DRUM, OR BARRICADE
- ⊥ TYPE III BARRICADE
- ➔ TEMPORARY STAGE DRAINAGE FLOW
- ▨ STAGE CONSTRUCTION LIMITS
- ▩ TEMPORARY PAVEMENT
- ▩ TEMPORARY PAVEMENT REMOVAL
- ① TEMP. PAVEMENT MARKING - LINE 4" (WHITE)
- ② TEMP. PAVEMENT MARKING - LINE 4" (YELLOW)
- ③ TEMP. PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ④ TEMP. PAVEMENT MARKING - LINE 6" (WHITE)
- ⑤ TEMP. PAVEMENT MARKING - LINE 12" (YELLOW)
- ⑥ TEMP. PAVEMENT MARKING - LINE 24" (WHITE)
- ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS



FILE NAME = G:\S09021\CADD_Sheets\9021MOT4-11.dgn	USER NAME = IE Consultants	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED STAGING PLAN STAGE 4 - LILY CACHE LANE			F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -					1578	06-00046-01-PV	WILL	244	139
PLOT DATE = 10/22/2010	DATE -	REVISED -	REVISED -	SCALE:	SHEET NO.	OF SHEETS	STA. 73+25	TO STA. 78+00	ILLINOIS FED. AID PROJECT			CONTRACT NO. 63503



- LEGEND**
- ➔ DIRECTION OF TRAFFIC
 - CONE, DRUM, OR BARRICADE
 - TT TYPE III BARRICADE
 - ➔ TEMPORARY STAGE DRAINAGE FLOW
 - ▨ STAGE CONSTRUCTION LIMITS
 - ▨ TEMPORARY PAVEMENT
 - ▨ TEMPORARY PAVEMENT REMOVAL
 - ① TEMP. PAVEMENT MARKING - LINE 4" (WHITE)
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 - ④ TEMP. PAVEMENT MARKING - LINE 6" (WHITE)
 - ⑤ TEMP. PAVEMENT MARKING - LINE 12" (YELLOW)
 - ⑥ TEMP. PAVEMENT MARKING - LINE 24" (WHITE)
 - ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS

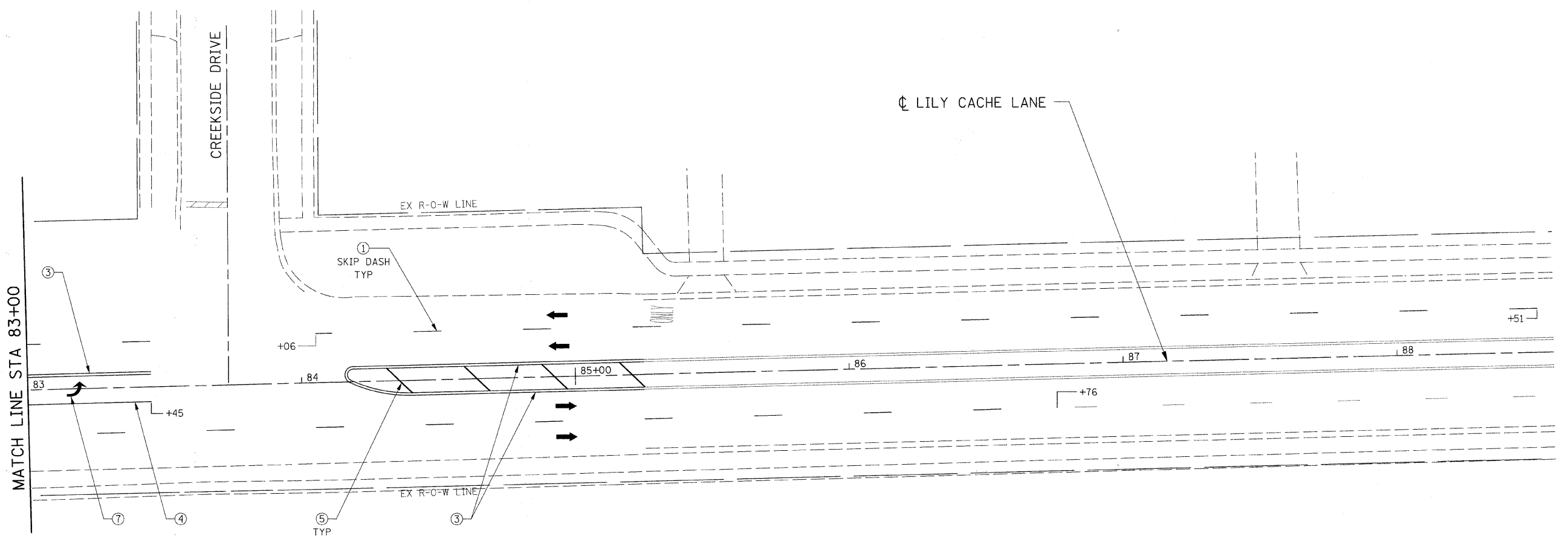
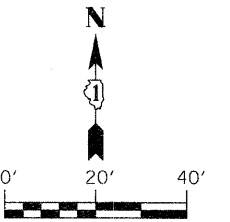
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	PLOT DATE = 10/22/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING PLAN
STAGE 4 - LILY CACHE LANE**

SCALE: SHEET NO. OF SHEETS STA. 78+00 TO STA. 83+00

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	140
CONTRACT NO. 63503			ILLINOIS FED. AID PROJECT	



LEGEND

- ➔ DIRECTION OF TRAFFIC
- CONE, DRUM, OR BARRICADE
- TT TYPE III BARRICADE
- ➔ TEMPORARY STAGE DRAINAGE FLOW
- ▨ STAGE CONSTRUCTION LIMITS
- ▨ TEMPORARY PAVEMENT
- ▨ TEMPORARY PAVEMENT REMOVAL
- ① TEMP. PAVEMENT MARKING - LINE 4" (WHITE)
- ② TEMP. PAVEMENT MARKING - LINE 4" (YELLOW)
- ③ TEMP. PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ④ TEMP. PAVEMENT MARKING - LINE 6" (WHITE)
- ⑤ TEMP. PAVEMENT MARKING - LINE 12" (YELLOW)
- ⑥ TEMP. PAVEMENT MARKING - LINE 24" (WHITE)
- ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS

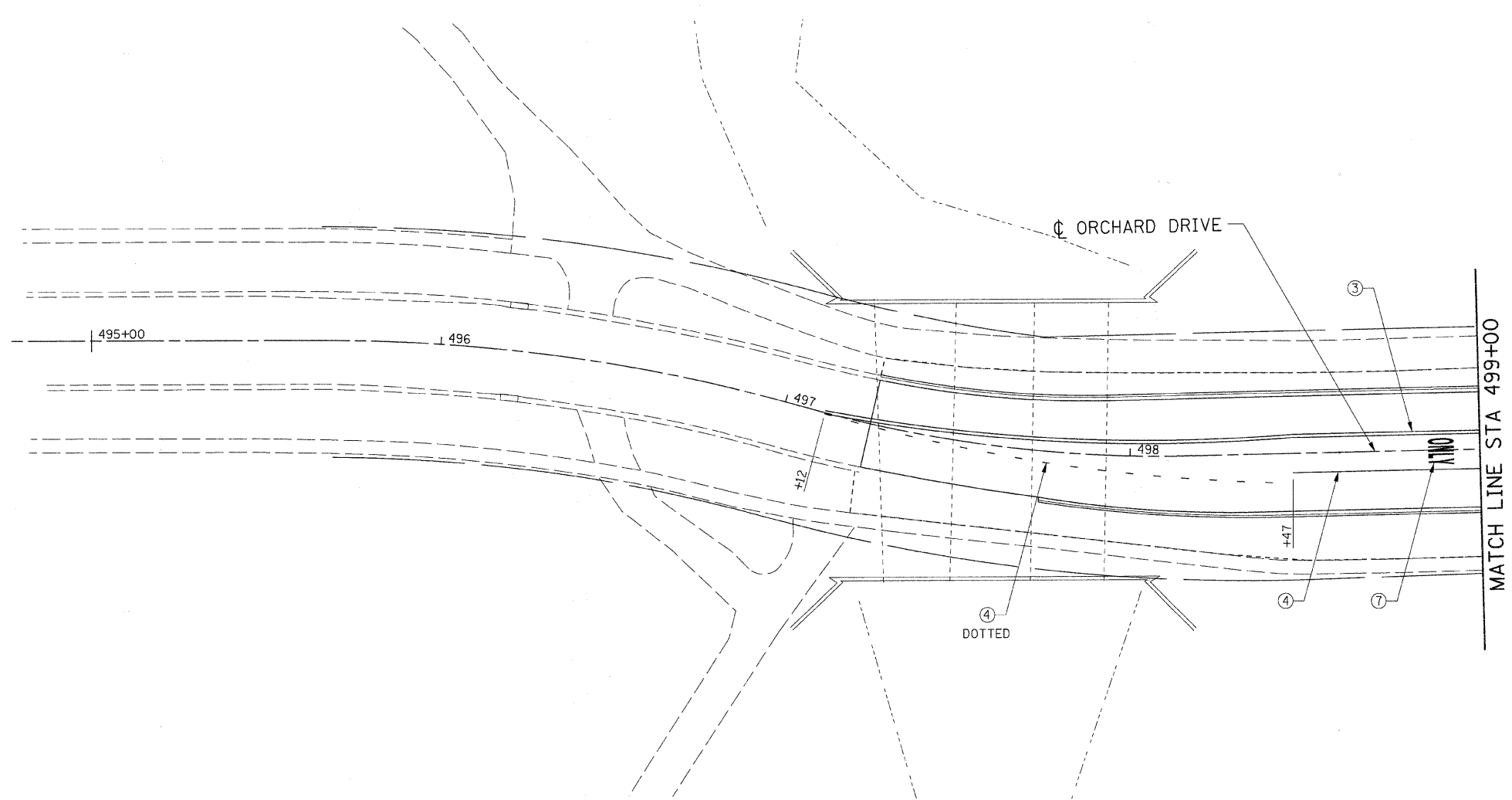
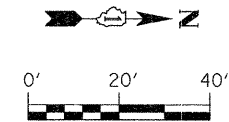
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		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGING PLAN
STAGE 4 - LILY CACHE LANE**

SCALE: SHEET NO. OF SHEETS STA. 83+00 TO STA. 88+50

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	141
CONTRACT NO. 63503			ILLINOIS FED. AID PROJECT	



LEGEND

- ➔ DIRECTION OF TRAFFIC
- CONE, DRUM, OR BARRICADE
- ⊥ TYPE III BARRICADE
- ➔ TEMPORARY STAGE DRAINAGE FLOW
- ▨ STAGE CONSTRUCTION LIMITS
- ▨ TEMPORARY PAVEMENT
- ▨ TEMPORARY PAVEMENT REMOVAL
- ① TEMP. PAVEMENT MARKING - LINE 4" (WHITE)
- ② TEMP. PAVEMENT MARKING - LINE 4" (YELLOW)
- ③ TEMP. PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ④ TEMP. PAVEMENT MARKING - LINE 6" (WHITE)
- ⑤ TEMP. PAVEMENT MARKING - LINE 12" (YELLOW)
- ⑥ TEMP. PAVEMENT MARKING - LINE 24" (WHITE)
- ⑦ TEMP. PAVEMENT MARKING - LETTERS & SYMBOLS

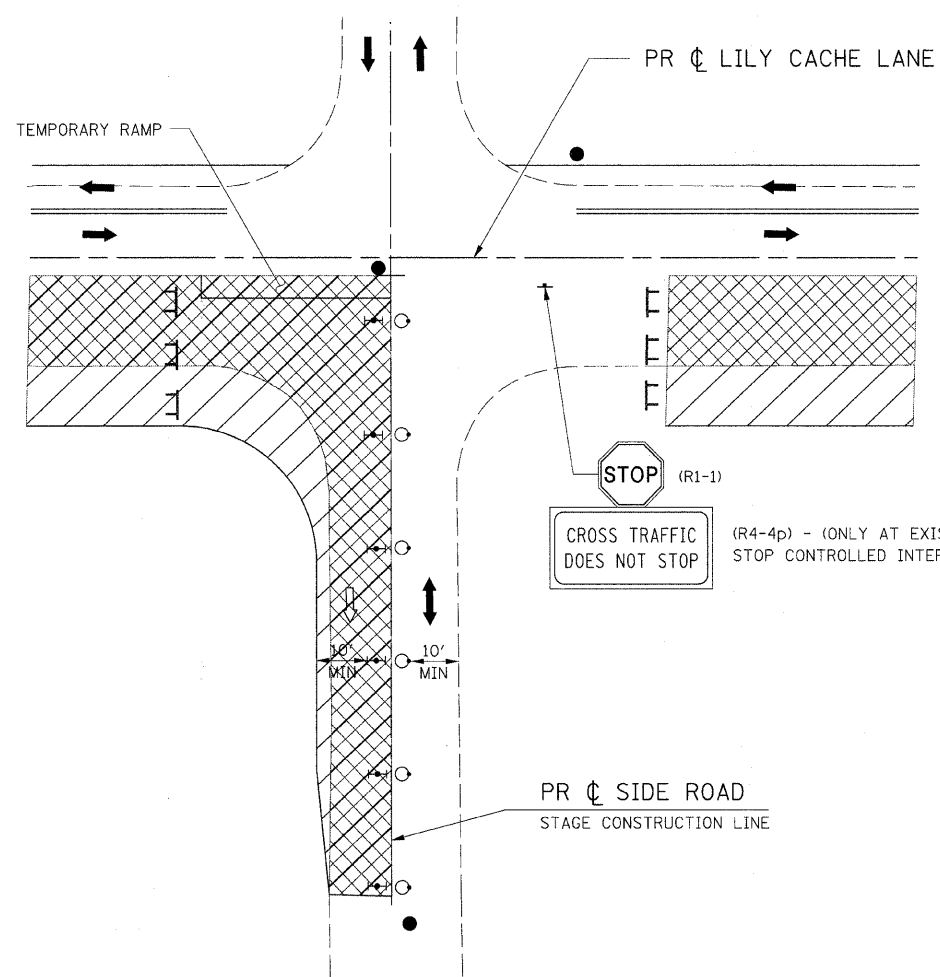
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

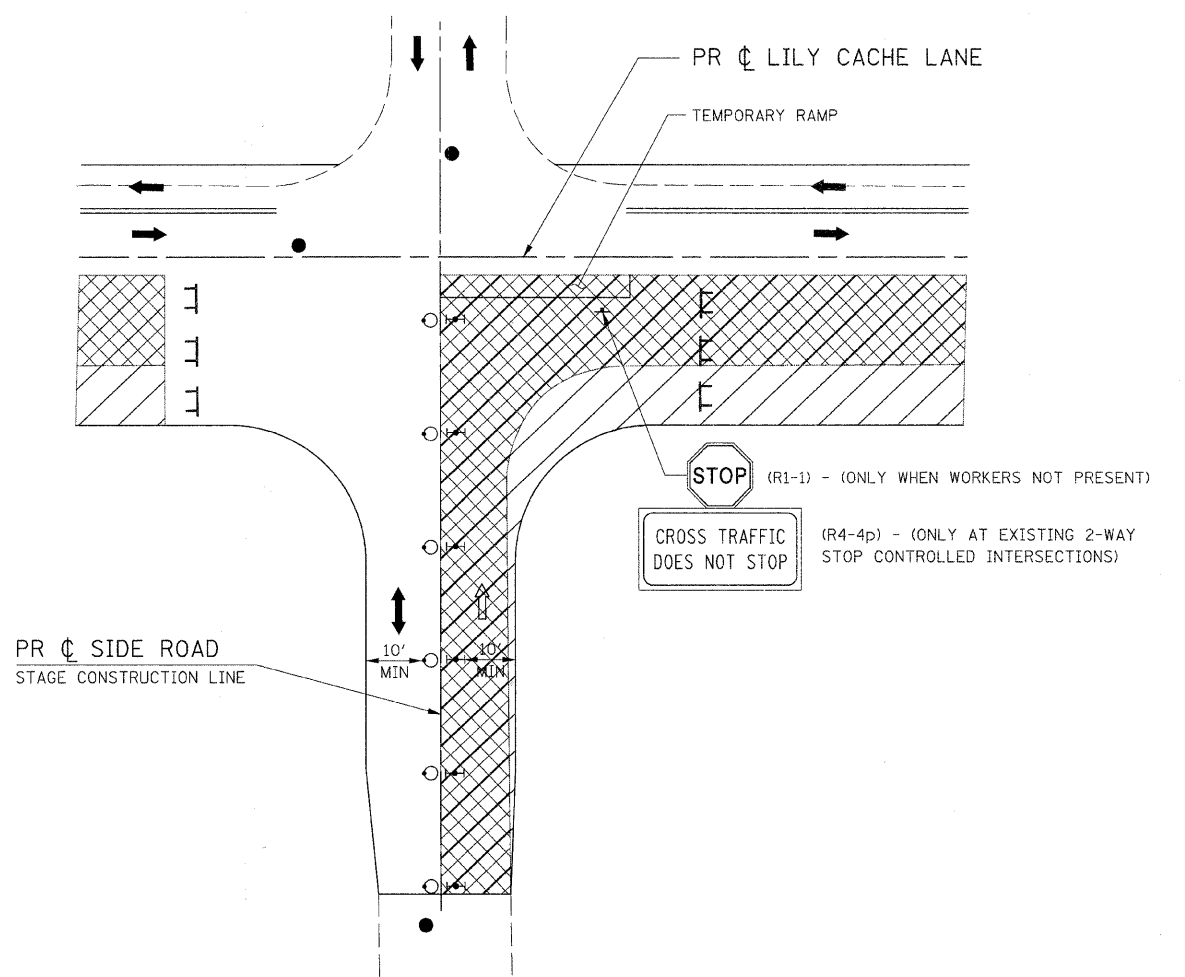
**SUGGESTED STAGING PLAN
STAGE 4 - ORCHARD DRIVE**

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

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL.	244	142
CONTRACT NO. 63503				
ILLINOIS FED. AID PROJECT				



SIDE ROAD LEFT



SIDE ROAD RIGHT

NOTES:

1. SIDE ROAD CONSTRUCTION ORDER BETWEEN LEFT AND RIGHT SHALL BE DETERMINED BY THE ENGINEER.
2. THE CONTRACTOR SHALL MAINTAIN 1-LANE, 2-WAY TRAFFIC WITH FLAGGERS DURING STAGE CONSTRUCTION OF SIDEROADS.
3. SEE STD 701701 FOR ADVANCE WARNING SIGNING.
4. BEFORE SIDE ROAD CONSTRUCTION CAN BE LEFT UNATTENDED, THE CONTRACTOR MUST FIRST PLACE ALL PROPOSED AGGREGATE BASE COURSE IN PAVEMENT REMOVAL AREAS SO THAT 2-LANE, 2-WAY TRAFFIC CAN BE MAINTAINED WHEN FLAGGER IS NOT PRESENT. AGGREGATE BASE COURSE SHALL BE PLACED SUCH THAT THERE IS NO MORE THAN A 12" DROP OFF AT THE CONSTRUCTION JOINT.
5. PROPOSED PAVEMENT SHALL BE PLACED WITHIN 48 HOURS OF PAVEMENT REMOVAL.
6. TEMPORARY RAMPS WILL BE REQUIRED TO OPEN SIDE ROAD FOR 2-LANE, 2-WAY TRAFFIC. COST INCLUDED IN TRAFFIC CONTROL AND PROTECTION, SPECIAL.

- (*) USED FOR WORK OPERATIONS FOR 1-LANE, 2-WAY TRAFFIC.
- (**) USED WHEN WORKERS NOT PRESENT FOR 2-LANE, 2-WAY TRAFFIC.

LEGEND

- ➔ DIRECTION OF TRAFFIC
- ➞ DIRECTION OF TRAFFIC (ONLY WHEN WORKERS NOT PRESENT)
- FLAGGER
- (*) ○ CONE, DRUM, OR BARRICADE
- (**) ⚡ TYPE II BARRICADE W/ STEADY BURN MONODIRECTIONAL LIGHT
- TT TYPE III BARRICADE
- ▨ STAGE CONSTRUCTION LIMITS
- ⊗ PAVEMENT REMOVAL

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		DATE -	REVISED -

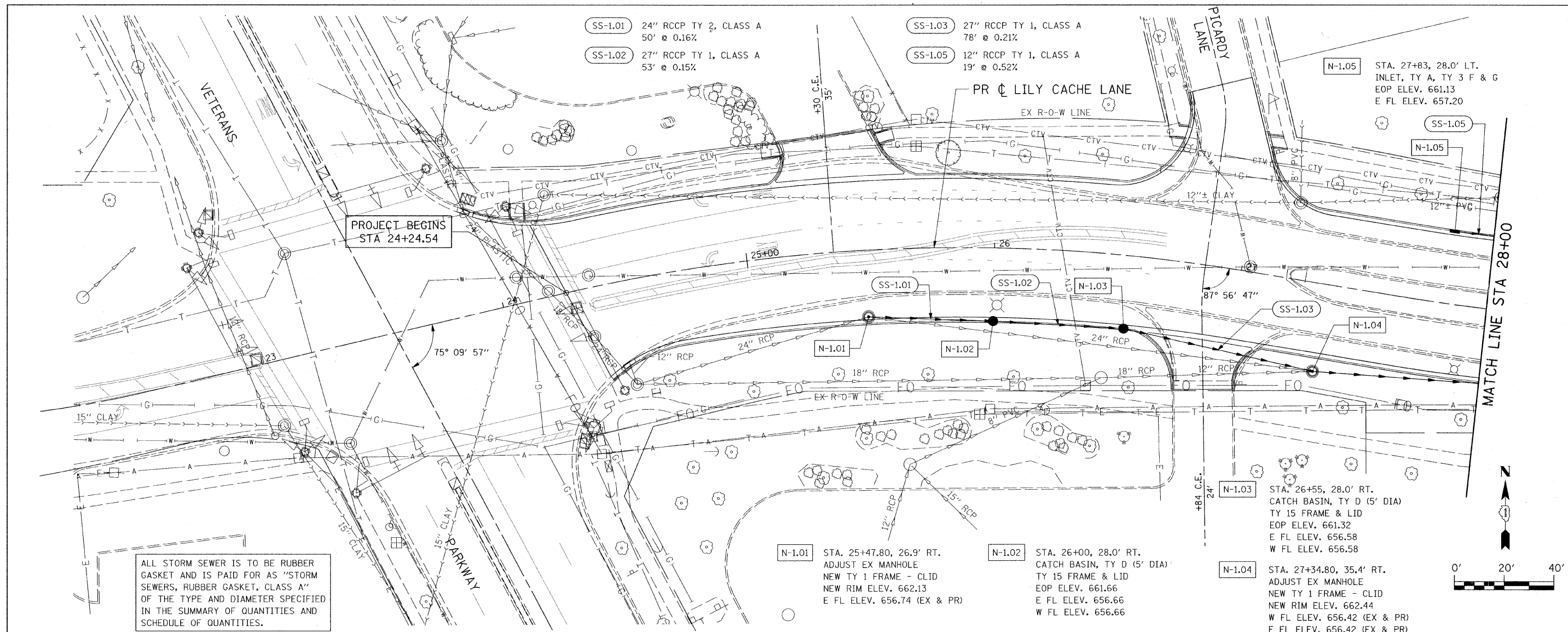
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGING PLAN SIDE ROADS				
SCALE:	SHEET NO.	OF	SHEETS	STA. TO STA.

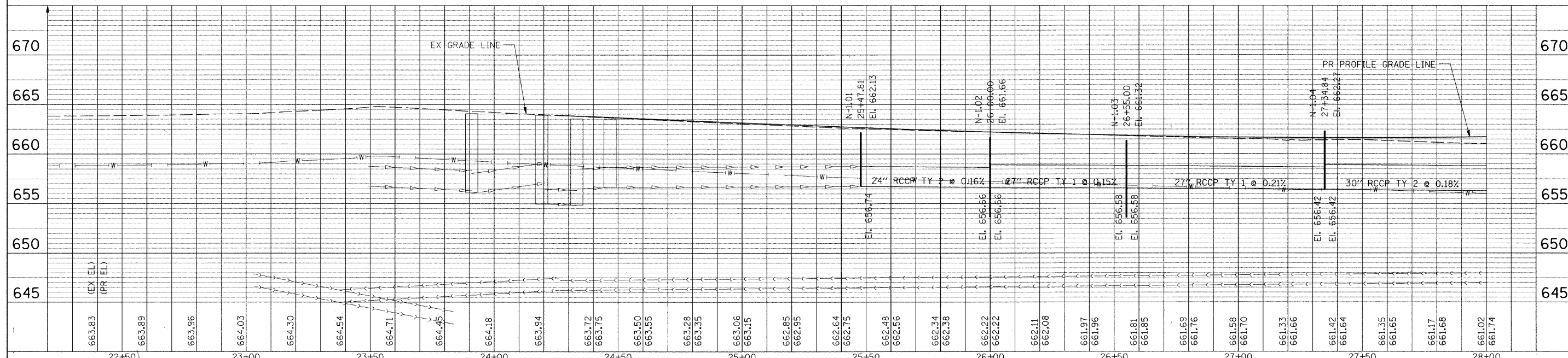
F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	143
			CONTRACT NO. 63503	
ILLINOIS FED. AID PROJECT				

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 SUBMITTED: _____
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 NO. _____
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DATE: _____ BY: _____
 SUBMITTED: _____
 PLOTTED: _____
 NOTE BOOK: _____
 NO. _____
 CHECKED: _____
 FILE NAME: _____



ALL STORM SEWER IS TO BE RUBBER GASKET AND IS PAID FOR AS "STORM SEWERS, RUBBER GASKET, CLASS A" OF THE TYPE AND DIAMETER SPECIFIED IN THE SUMMARY OF QUANTITIES AND SCHEDULE OF QUANTITIES.



663.83	663.89	663.96	664.03	664.30	664.54	664.71	664.45	664.18	663.94	663.72	663.75	663.50	663.55	663.28	663.35	663.06	663.15	662.85	662.95	662.64	662.75	662.48	662.56	662.34	662.38	662.22	662.22	662.11	662.08	661.97	661.96	661.81	661.85	661.69	661.76	661.58	661.70	661.33	661.66	661.42	661.64	661.35	661.65	661.17	661.68	661.02	661.74				
22+50	23+00	23+50	24+00	24+50	25+00	25+50	26+00	26+50	27+00	27+50	28+00																																								

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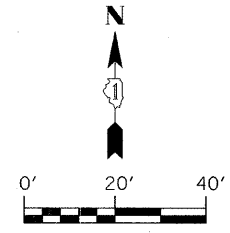
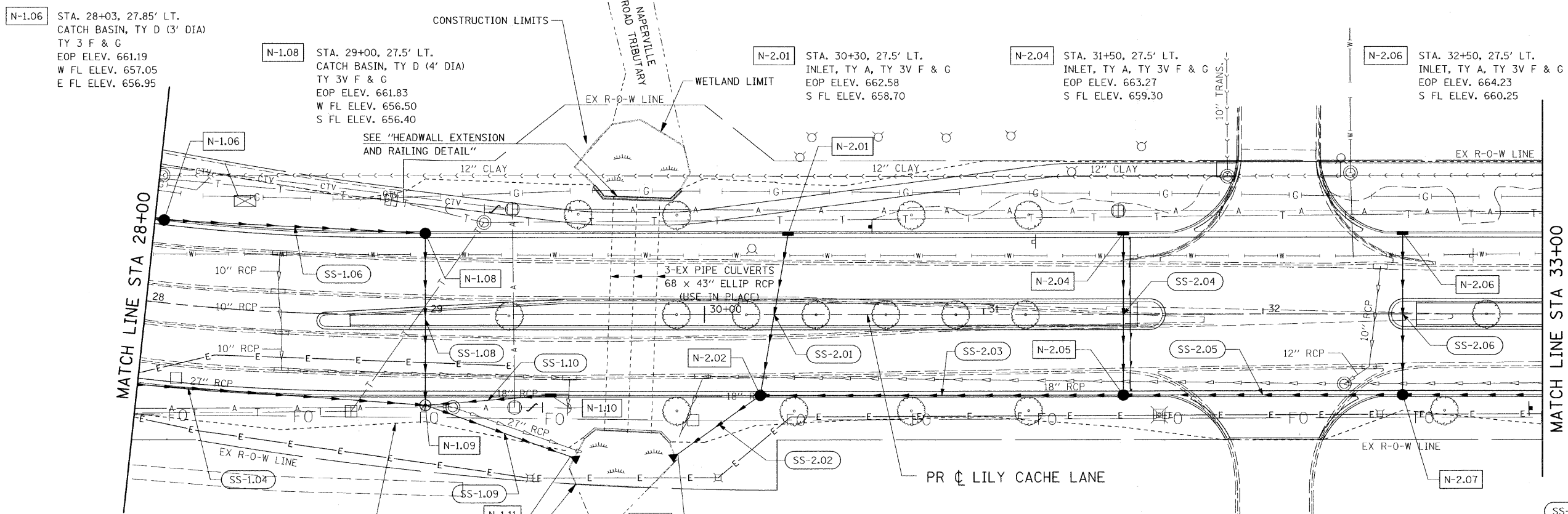
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**LILY CACHE LANE
 DRAINAGE AND UTILITY PLAN**

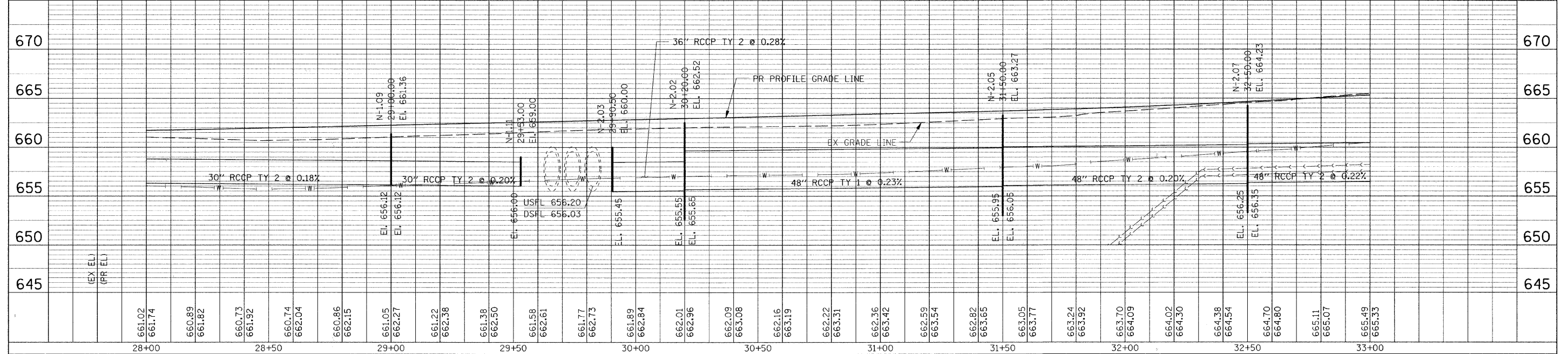
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F.A.U. R.T.E. 1578	SECTION 06-00046-01-PV	COUNTY WILL	TOTAL SHEETS 244	SHEET NO. 144
CONTRACT NO. 63503			ILLINOIS FED. AID PROJECT	



ALL STORM SEWER IS TO BE RUBBER GASKET AND IS PAID FOR AS "STORM SEWERS, RUBBER GASKET, CLASS A" OF THE TYPE AND DIAMETER SPECIFIED IN THE SUMMARY OF QUANTITIES AND SCHEDULE OF QUANTITIES.

- N-1.06 STA. 28+03, 27.85' LT. CATCH BASIN, TY D (3' DIA) TY 3 F & G EOP ELEV. 661.19 W FL ELEV. 657.05 E FL ELEV. 656.95
- N-1.08 STA. 29+00, 27.5' LT. CATCH BASIN, TY D (4' DIA) TY 3V F & G EOP ELEV. 661.83 W FL ELEV. 656.50 S FL ELEV. 656.40
- N-2.01 STA. 30+30, 27.5' LT. INLET, TY A, TY 3V F & G EOP ELEV. 662.58 S FL ELEV. 658.70
- N-2.04 STA. 31+50, 27.5' LT. INLET, TY A, TY 3V F & G EOP ELEV. 663.27 S FL ELEV. 659.30
- N-2.06 STA. 32+50, 27.5' LT. INLET, TY A, TY 3V F & G EOP ELEV. 664.23 S FL ELEV. 660.25
- SS-1.04 30" RCCP TY 2, CLASS A 170' @ 0.18%
- SS-1.06 12" RCCP TY 2, CLASS A 94' @ 0.48%
- SS-1.08 12" RCCP TY 2, CLASS A 62' @ 0.45%
- SS-1.09 30" RCCP TY 2, CLASS A 59' @ 0.20%
- SS-1.10 12" RCCP TY 2, CLASS A 45' @ 0.44%
- N-1.09 STA. 29+00, 32.6' RT. MANHOLE, TY A (5' DIA) TY 1 FRAME - CLD RIM ELEV. 662.80 N FL ELEV. 656.12 SE FL ELEV. 656.12 W FL ELEV. 656.12 E FL ELEV. 656.80
- N-1.10 STA. 29+45, 27.5' RT. INLET, TY A, TY 15 FRAME & LID EOP ELEV. 662.10 W FL ELEV. 658.10
- N-1.11 STA. 29+54.75, 52.25' RT. P.R.C. FLARED END SECTION 30" FL ELEV. 656.00
- N-2.02 STA. 30+20, 27.5' RT. MANHOLE, TY A (6' DIA) W/ RESTRICTOR TY 15 FRAME & LID EOP ELEV. 662.52 N FL ELEV. 657.55 E FL ELEV. 655.65 SW FL ELEV. 655.55
- N-2.03 STA. 29+88, 51.70' RT. P.R.C. FLARED END SECTION 36" FL ELEV. 655.45
- N-2.05 STA. 31+50, 27.5' RT. CATCH BASIN, TY D (6' DIA) TY 15 FRAME & LID EOP ELEV. 663.27 N FL ELEV. 658.00 E FL ELEV. 656.05 W FL ELEV. 655.95
- N-2.07 STA. 32+50, 27.5' RT. CATCH BASIN, TY D (6' DIA) TY 15 FRAME & LID EOP ELEV. 664.23 N FL ELEV. 658.80 E FL ELEV. 656.35 W FL ELEV. 656.25
- SS-2.01 12" RCCP TY 2, CLASS A 59' @ 1.95%
- SS-2.02 36" RCCP TY 2, CLASS A 36' @ 0.28%
- SS-2.03 48" RCCP TY 1, CLASS A 130' @ 0.23%
- SS-2.04 12" RCCP TY 2, CLASS A 58' @ 2.24%
- SS-2.05 48" RCCP TY 2, CLASS A 100' @ 0.20%
- SS-2.06 12" RCCP TY 2, CLASS A 58' @ 2.50%



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PLOT SCALE = 20,0000' / IN.	DRAWN -	CHECKED -	REVISD -		SCALE:	SHEET NO. OF SHEETS	STA. 28+00 TO STA. 33+00	CONTRACT NO. 63503		ILLINOIS FED. AID PROJECT		
PLOT DATE = 11/16/2010	DATE -	REVISD -	REVISD -									

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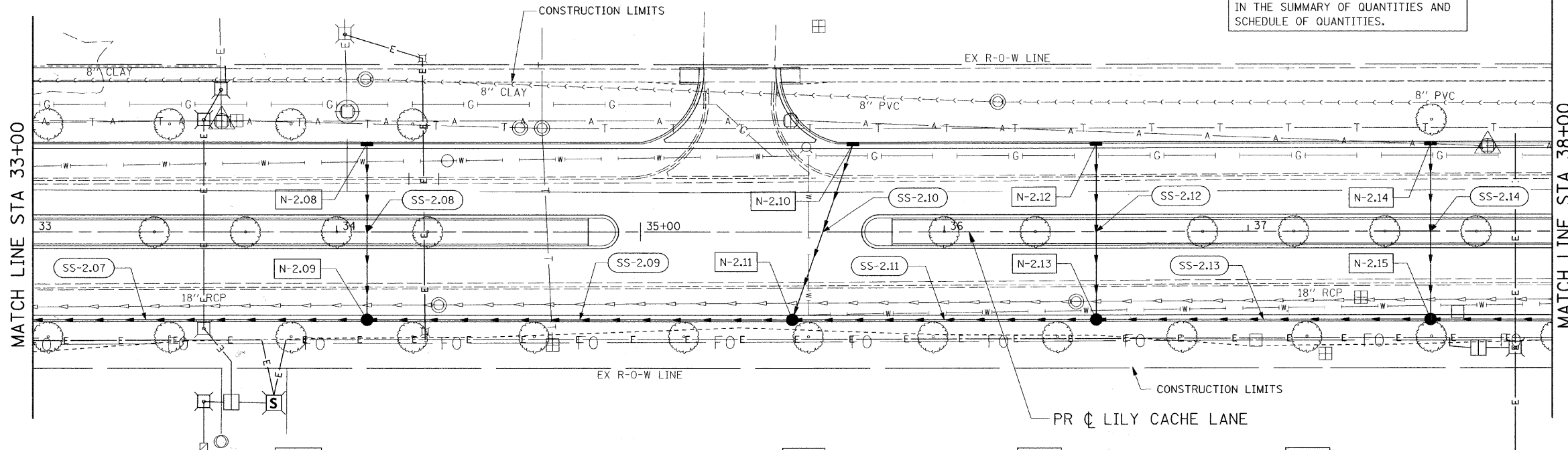
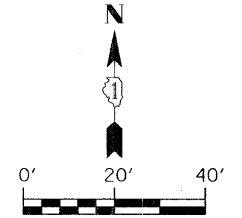
N-2.08 STA. 34+10, 27.5' LT.
INLET, TY A, TY 3V F & G
EOP ELEV. 666.36
S FL ELEV. 662.40

N-2.10 STA. 35+70, 27.5' LT.
INLET, TY A, TY 3V F & G
EOP ELEV. 668.08
S FL ELEV. 664.10

N-2.12 STA. 36+50, 27.5' LT.
INLET, TY A, TY 3V F & G
EOP ELEV. 668.69
S FL ELEV. 664.70

N-2.14 STA. 37+60, 27.5' LT.
INLET, TY A, TY 3V F & G
EOP ELEV. 669.51
S FL ELEV. 665.60

ALL STORM SEWER IS TO BE RUBBER GASKET AND IS PAID FOR AS "STORM SEWERS, RUBBER GASKET, CLASS A" OF THE TYPE AND DIAMETER SPECIFIED IN THE SUMMARY OF QUANTITIES AND SCHEDULE OF QUANTITIES.



- SS-2.07 48" RCCP TY 2, CLASS A
160' @ 0.22%
- SS-2.08 12" RCCP TY 2, CLASS A
58' @ 3.97%
- SS-2.09 48" RCCP TY 2, CLASS A
140' @ 0.21%

N-2.09 STA. 34+10, 27.5' RT.
CATCH BASIN, TY D (6' DIA)
TY 15 FRAME & LID
EOP ELEV. 666.36
N FL ELEV. 660.10
E FL ELEV. 656.80
W FL ELEV. 656.70

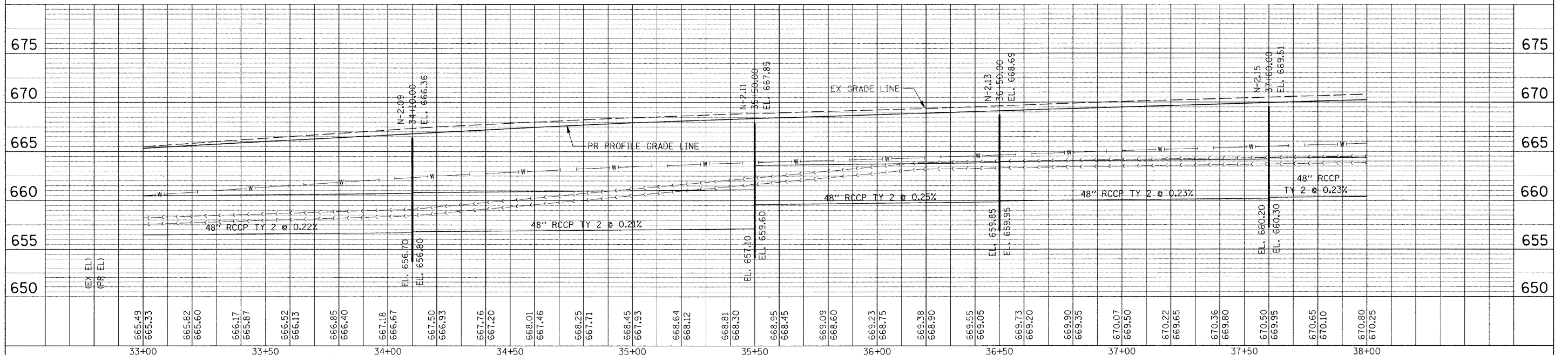
- SS-2.10 12" RCCP TY 2, CLASS A
61' @ 4.65%
- SS-2.11 48" RCCP TY 2, CLASS A
100' @ 0.25%
- SS-2.12 12" RCCP TY 2, CLASS A
58' @ 4.48%

N-2.11 STA. 35+50, 27.5' RT.
MANHOLE, TY A (6' DIA)
W/ RESTRICTOR
TY 15 FRAME & LID
EOP ELEV. 667.94
N FL ELEV. 661.25
E FL ELEV. 659.60
W FL ELEV. 657.10

N-2.13 STA. 36+50, 27.5' RT.
CATCH BASIN, TY D (6' DIA)
TY 15 FRAME & LID
EOP ELEV. 668.69
N FL ELEV. 662.10
E FL ELEV. 659.95
W FL ELEV. 659.85

N-2.15 STA. 37+60, 27.5' RT.
CATCH BASIN, TY D (6' DIA)
TY 15 FRAME & LID
EOP ELEV. 669.51
N FL ELEV. 663.00
E FL ELEV. 660.30
W FL ELEV. 660.20

- SS-2.13 48" RCCP TY 2, CLASS A
110' @ 0.23%
- SS-2.14 12" RCCP TY 2, CLASS A
58' @ 4.48%



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LILY CACHE LANE
DRAINAGE AND UTILITY PLAN

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	146
CONTRACT NO. 63503			ILLINOIS FED. AID PROJECT	

SCALE: SHEET NO. OF SHEETS STA. 33+00 TO STA. 38+00

N-2.16 STA. 38+70, 27.5' LT.
INLET, TY A, TY 3V F & G
EOP ELEV. 670.33
S FL ELEV. 666.40

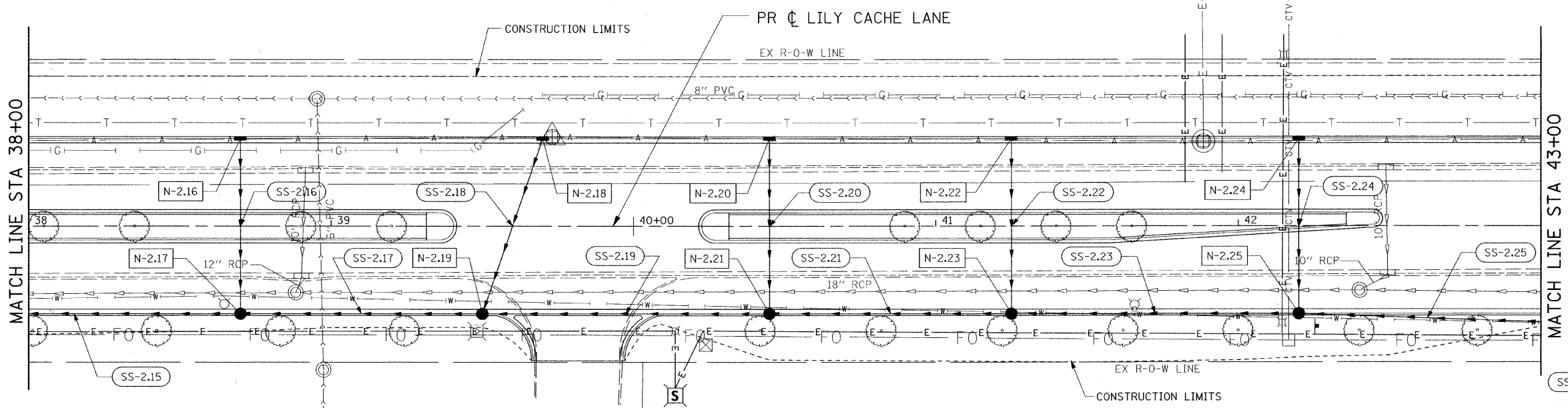
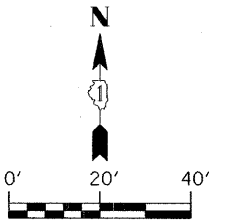
N-2.18 STA. 39+70, 27.5' LT.
INLET, TY A, TY 3V F & G
EOP ELEV. 670.79
S FL ELEV. 667.00

N-2.20 STA. 40+45, 27.5' LT.
INLET, TY A, TY 3V F & G
EOP ELEV. 671.07
S FL ELEV. 667.10

N-2.22 STA. 41+25, 27.5' LT.
INLET, TY A, TY 3V F & G
EOP ELEV. 671.48
S FL ELEV. 667.60

N-2.24 STA. 42+20, 27.5' LT.
INLET, TY A, TY 3V F & G
EOP ELEV. 672.01
S FL ELEV. 668.10

ALL STORM SEWER IS TO BE RUBBER GASKET AND IS PAID FOR AS "STORM SEWERS, RUBBER GASKET, CLASS A" OF THE TYPE AND DIAMETER SPECIFIED IN THE SUMMARY OF QUANTITIES AND SCHEDULE OF QUANTITIES.



SS-2.15 48" RCCP TY 2, CLASS A
110' @ 0.23%

SS-2.16 12" RCP TY 2, CLASS A
58' @ 4.31%

SS-2.17 48" RCCP TY 2, CLASS A
80' @ 0.25%

N-2.17 STA. 38+70, 27.5' RT.
CATCH BASIN, TY D (6' DIA)
TY 15 FRAME & LID
EOP ELEV. 670.33
N FL ELEV. 663.90
E FL ELEV. 660.65
W FL ELEV. 660.55

SS-2.18 12" RCCP TY 2, CLASS A
61' @ 4.24%

SS-2.19 48" RCCP TY 2, CLASS A
95' @ 0.26%

SS-2.20 12" RCCP TY 2, CLASS A
58' @ 3.71%

N-2.19 STA. 39+50, 27.5' RT.
CATCH BASIN, TY D (6' DIA)
TY 15 FRAME & LID
EOP ELEV. 670.73
N FL ELEV. 664.40
E FL ELEV. 660.95
W FL ELEV. 660.85

N-2.21 STA. 40+45, 27.5' RT.
CATCH BASIN, TY D (6' DIA)
TY 15 FRAME & LID
EOP ELEV. 671.07
N FL ELEV. 664.95
E FL ELEV. 661.30
W FL ELEV. 661.20

N-2.23 STA. 41+25, 27.5' RT.
CATCH BASIN, TY D (6' DIA)
TY 15 FRAME & LID
EOP ELEV. 671.48
N FL ELEV. 665.40
E FL ELEV. 661.60
W FL ELEV. 661.50

N-2.25 STA. 42+20, 27.5' RT.
CATCH BASIN, TY D (6' DIA)
TY 15 FRAME & LID
EOP ELEV. 672.01
N FL ELEV. 665.90
E FL ELEV. 661.95
W FL ELEV. 661.85

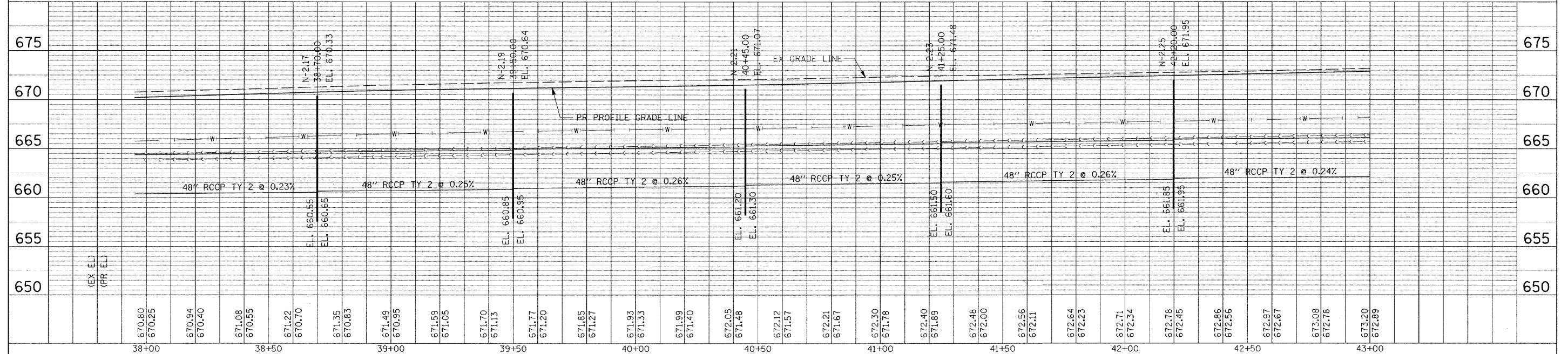
SS-2.21 48" RCCP TY 2, CLASS A
80' @ 0.25%

SS-2.22 12" RCP TY 2, CLASS A
58' @ 3.79%

SS-2.23 48" RCCP TY 2, CLASS A
95' @ 0.26%

SS-2.24 12" RCP TY 2, CLASS A
58' @ 3.79%

SS-2.25 48" RCCP TY 2, CLASS A
85' @ 0.24%



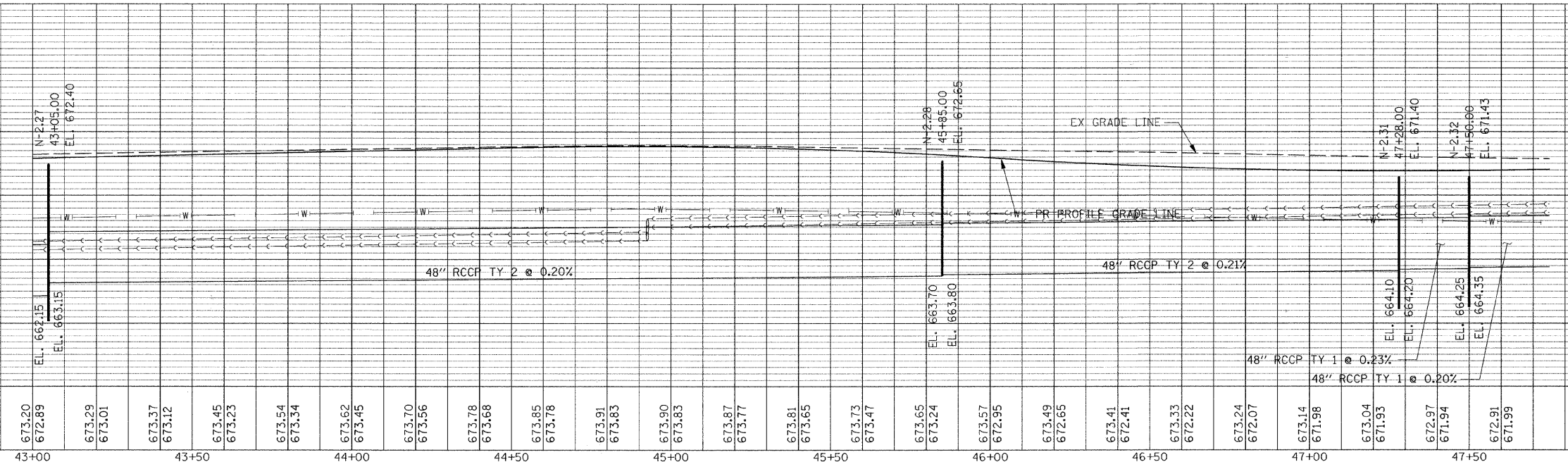
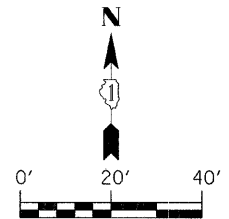
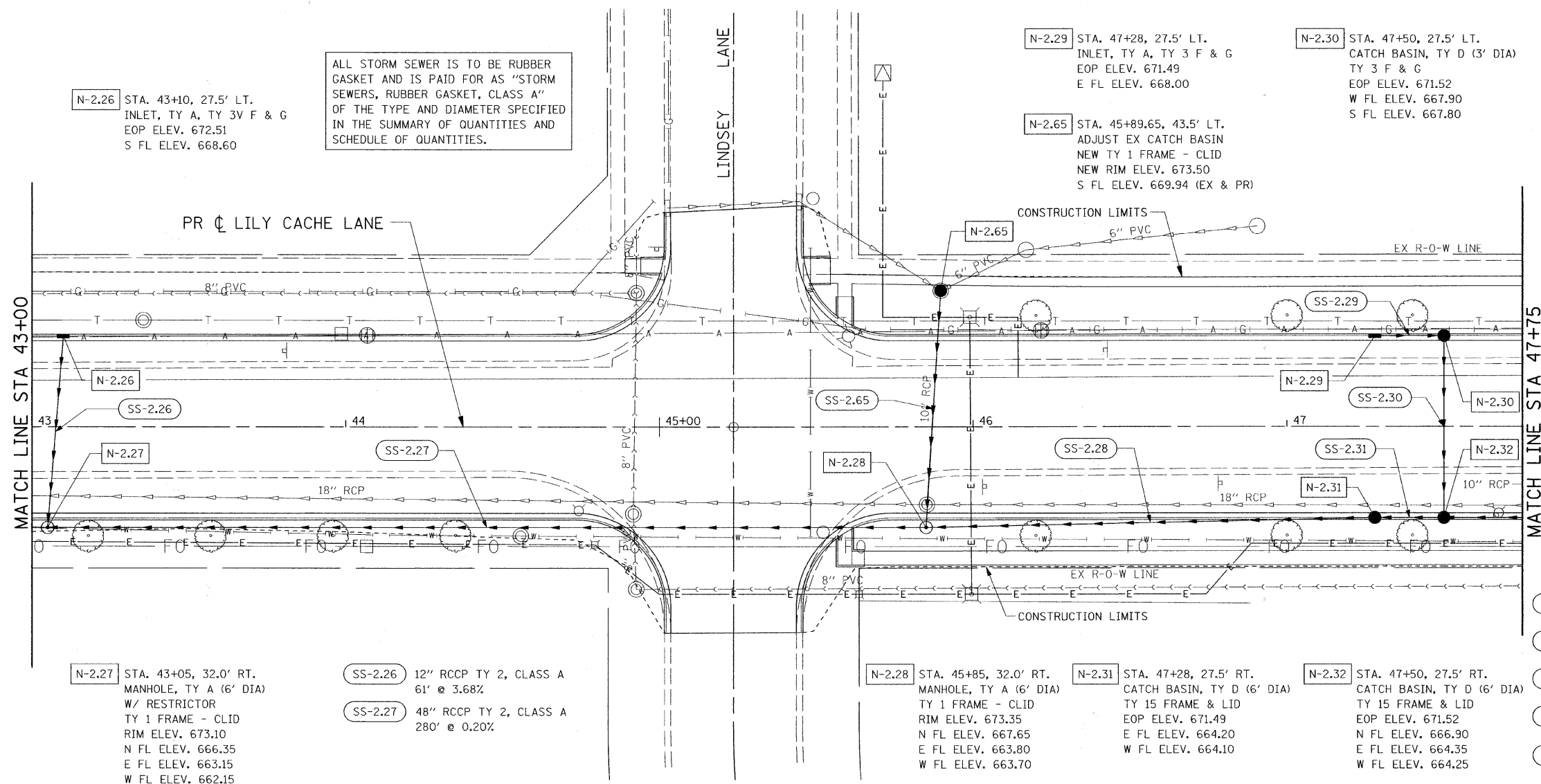
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FILE NAME = G:\S0821\CADD_Sheets\9021D04.dgn	USER NAME = JE Consultants	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LILY CACHE LANE DRAINAGE AND UTILITY PLAN			F.A.U. RTE. 1578	SECTION 06-00046-01-PV	COUNTY WILL	TOTAL SHEETS 244	SHEET NO. 147
PLOT SCALE = 28,00000' / IN.	PLOT DATE = 11/16/2010	DRAWN -	REVISD -		SCALE:	SHEET NO. OF SHEETS	STA. 38+00 TO STA. 43+00	CONTRACT NO. 63503				
		CHECKED -	REVISD -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISD -									

PLAN	REVISIONS	DATE
NO.	NO.	NO.
BY	BY	BY
CHECKED	CHECKED	CHECKED
DATE	DATE	DATE

PROFILE	REVISIONS	DATE
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BY	BY	BY
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DATE	DATE	DATE



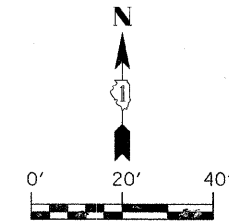
- SS-2.28 48" RCCP TY 2, CLASS A 143' @ 0.21%
- SS-2.29 12" RCCP TY 1, CLASS A 22' @ 0.45%
- SS-2.30 12" RCCP TY 2, CLASS A 58' @ 1.55%
- SS-2.31 48" RCCP TY 1, CLASS A 22' @ 0.23%
- SS-2.65 12" RCCP TY 2, CLASS A 76' @ 3.03%

FILE NAME = G:\S09021\CADD_Sheets\9021D05.dgn	USER NAME = IE Consultants	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				LILY CACHE LANE DRAINAGE AND UTILITY PLAN				F.A.U. RTE. 1578	SECTION 06-00046-01-PV	COUNTY WILL	TOTAL SHEETS 244	SHEET NO. 148
PLOT SCALE = 20.0000' / IN.	PLOT DATE = 11/16/2010	DRAWN -	REVISED -									SCALE:	SHEET NO.	OF SHEETS	STA. 43+00	TO STA. 47+75
		CHECKED -	REVISED -									ILLINOIS FED. AID PROJECT				
		DATE -	REVISED -													

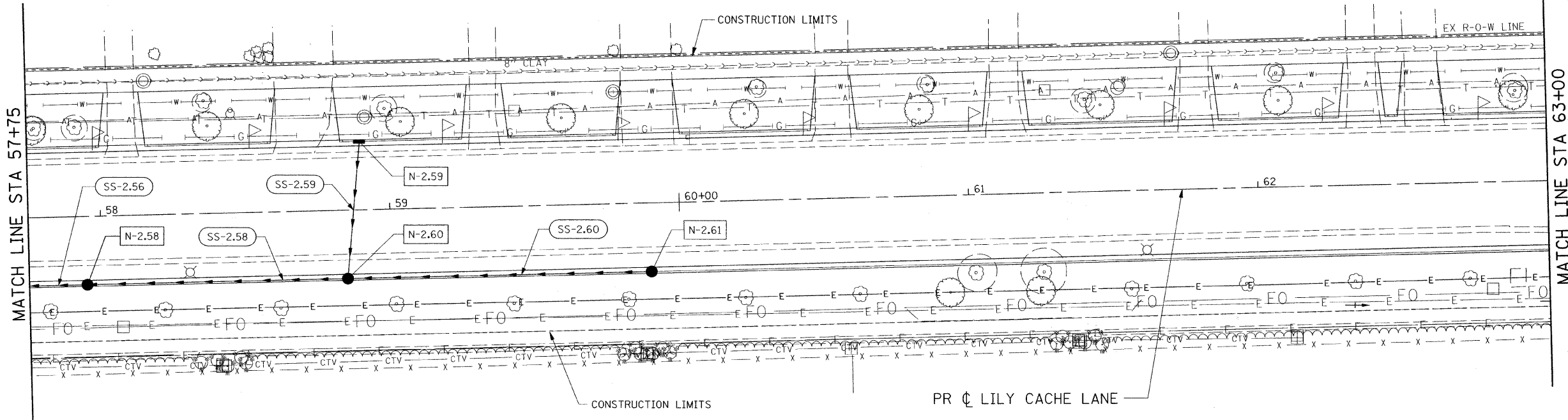
- SS-2.56 15" RCCP TY 2, CLASS A
90' @ 0.56%
- SS-2.58 12" RCCP TY 2, CLASS A
90' @ 0.61%
- SS-2.59 12" RCCP TY 2, CLASS A
47' @ 1.90%
- SS-2.60 12" RCCP TY 2, CLASS A
105' @ 0.62%

N-2.59 STA. 58+90, 22.0' LT.
INLET, TY A, TY 3V F & G
EOP ELEV. 676.88
S FL ELEV. 673.20

ALL STORM SEWER IS TO BE RUBBER GASKET AND IS PAID FOR AS "STORM SEWERS, RUBBER GASKET, CLASS A" OF THE TYPE AND DIAMETER SPECIFIED IN THE SUMMARY OF QUANTITIES AND SCHEDULE OF QUANTITIES.



PLAN	DATE
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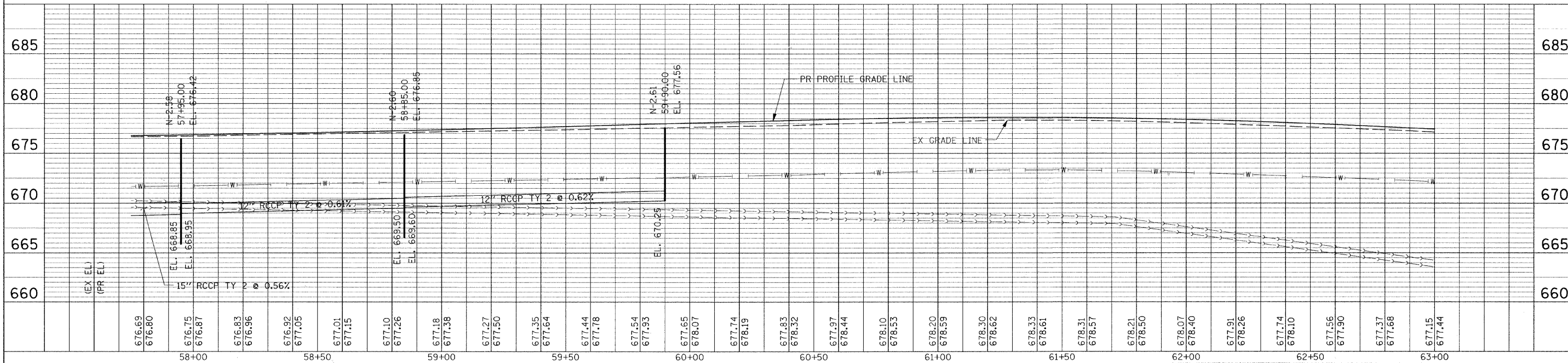


N-2.58 STA. 57+95, 22.0' RT.
CATCH BASIN, TY D (4' DIA)
TY 15 FRAME & LID
EOP ELEV. 676.42
E FL ELEV. 668.95
W FL ELEV. 668.85

N-2.60 STA. 58+85, 22.0' RT.
CATCH BASIN, TY D (4' DIA)
TY 15 FRAME & LID
EOP ELEV. 676.85
N FL ELEV. 672.30
E FL ELEV. 669.60
W FL ELEV. 669.50

N-2.61 STA. 59+90, 22.0' RT.
CATCH BASIN, TY D (3' DIA)
TY 15 FRAME & LID
EOP ELEV. 677.56
E FL ELEV. 670.25

PROFILE	DATE
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FILE NAME = G:\S09021\CADD_Sheets\9021DF08.dgn	USER NAME = IE Consultants	DESIGNED -	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LILY CACHE LANE DRAINAGE AND UTILITY PLAN		F.A.U. RTE. 1578	SECTION 06-00046-01-PV	COUNTY WILL	TOTAL SHEETS 244	SHEET NO. 151
PLLOT SCALE = 20.0000' / IN.	DATE = 11/16/2010	DRAWN -	REVISIONS -		SCALE:	SHEET NO. OF SHEETS	STA. 57+75 TO STA. 65+00	CONTRACT NO. 63503		ILLINOIS FED. AID PROJECT	
		CHECKED -	REVISIONS -								
		DATE -	REVISIONS -								

- SS-3.01 12" RCCP TY 1, CLASS A
47' @ 0.96%
- SS-3.02 12" RCCP TY 2, CLASS A
140' @ 3.18%
- SS-3.03 12" RCCP TY 1, CLASS A
47' @ 1.48%
- SS-3.05 36" RCCP TY 2, CLASS A
43' @ 0.42%
- SS-3.35 12" RCCP TY 1, CLASS A
18' @ 1.41%

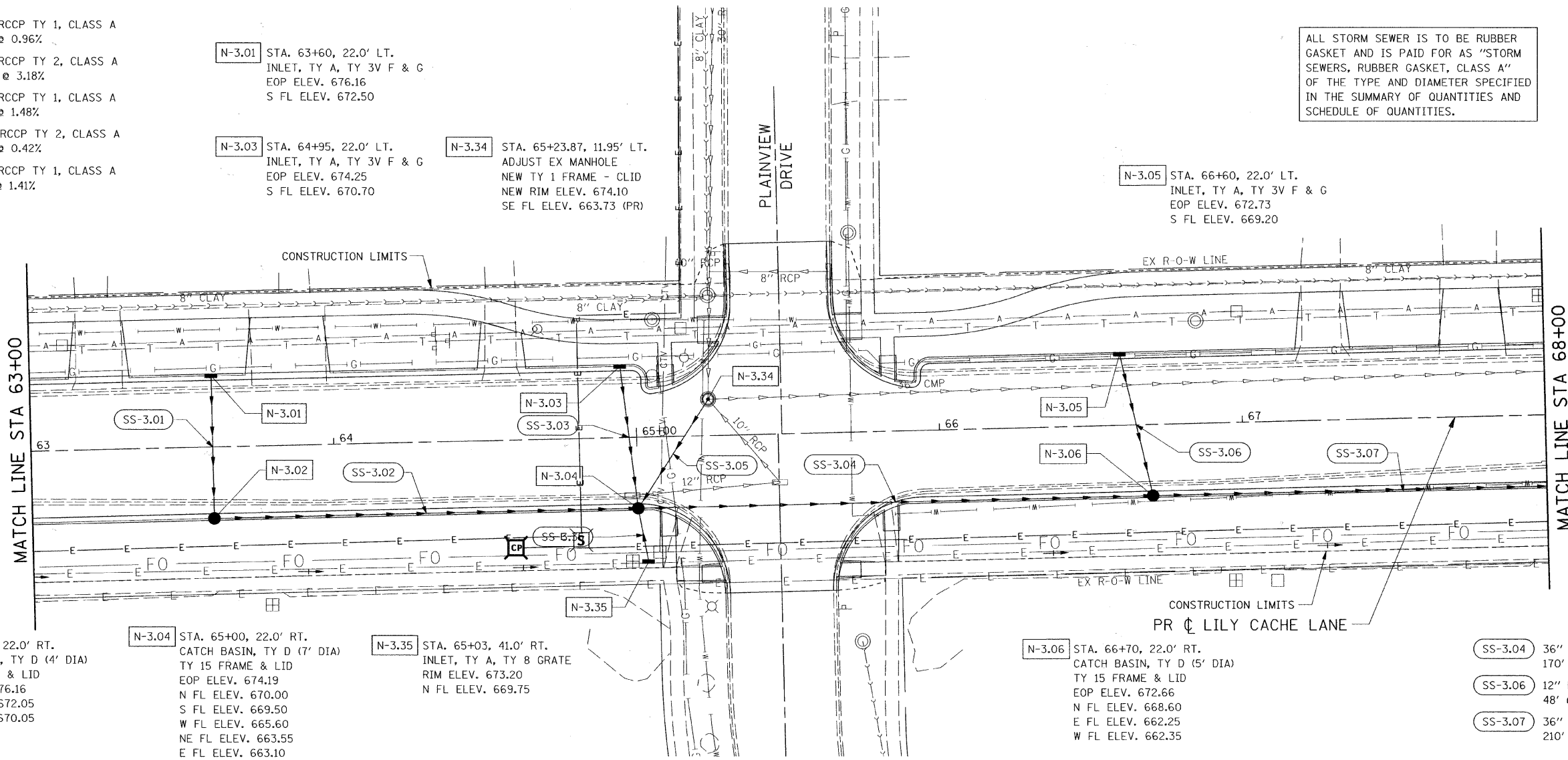
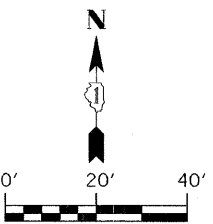
N-3.01 STA. 63+60, 22.0' LT.
INLET, TY A, TY 3V F & G
EOP ELEV. 676.16
S FL ELEV. 672.50

N-3.03 STA. 64+95, 22.0' LT.
INLET, TY A, TY 3V F & G
EOP ELEV. 674.25
S FL ELEV. 670.70

N-3.34 STA. 65+23.87, 11.95' LT.
ADJUST EX MANHOLE
NEW TY 1 FRAME - CLID
NEW RIM ELEV. 674.10
SE FL ELEV. 663.73 (PR)

N-3.05 STA. 66+60, 22.0' LT.
INLET, TY A, TY 3V F & G
EOP ELEV. 672.73
S FL ELEV. 669.20

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N-3.02 STA. 63+60, 22.0' RT.
CATCH BASIN, TY D (4' DIA)
TY 15 FRAME & LID
EOP ELEV. 676.16
N FL ELEV. 672.05
E FL ELEV. 670.05

N-3.04 STA. 65+00, 22.0' RT.
CATCH BASIN, TY D (7' DIA)
TY 15 FRAME & LID
EOP ELEV. 674.19
N FL ELEV. 670.00
S FL ELEV. 669.50
W FL ELEV. 665.60
NE FL ELEV. 663.55
E FL ELEV. 663.10

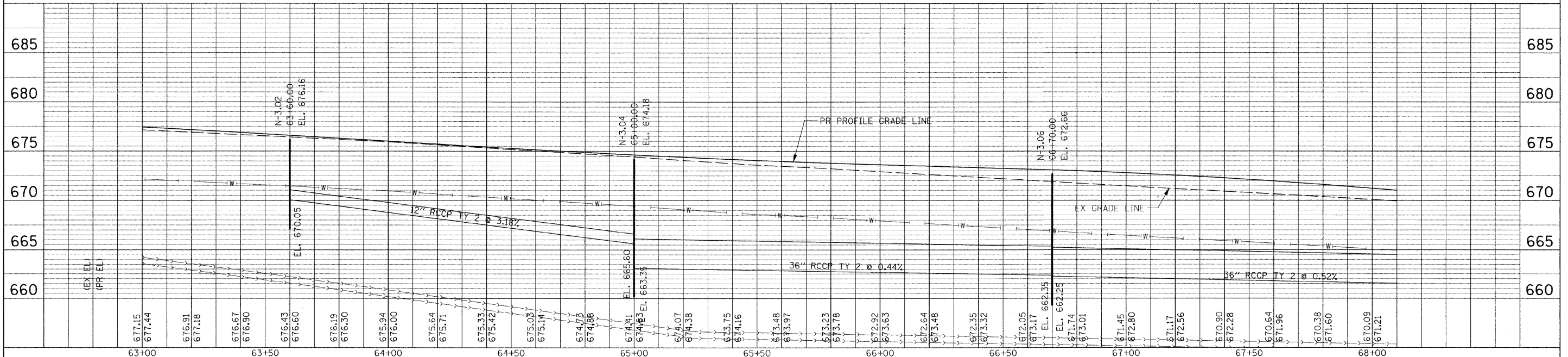
N-3.35 STA. 65+03, 41.0' RT.
INLET, TY A, TY 8 GRATE
RIM ELEV. 673.20
N FL ELEV. 669.75

N-3.06 STA. 66+70, 22.0' RT.
CATCH BASIN, TY D (5' DIA)
TY 15 FRAME & LID
EOP ELEV. 672.66
N FL ELEV. 668.60
E FL ELEV. 662.25
W FL ELEV. 662.35

SS-3.04 36" RCCP TY 2, CLASS A
170' @ 0.44%

SS-3.06 12" RCCP TY 1, CLASS A
48' @ 1.25%

SS-3.07 36" RCCP TY 2, CLASS A
210' @ 0.52%



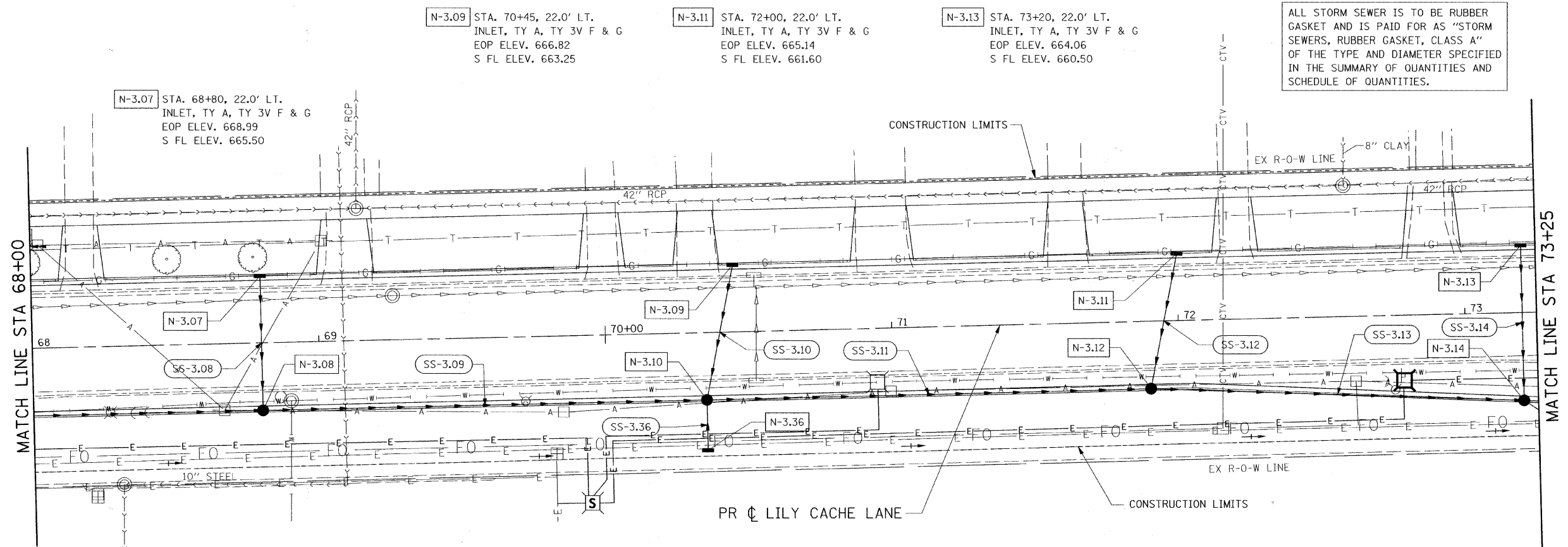
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FILE NAME = G:\S09021\CADD_Sheets\9021D09.dgn	USER NAME = IE Consultants	DESIGNED -	REVISD -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p align="center">LILY CACHE LANE DRAINAGE AND UTILITY PLAN</p>	F.A.U. RTE. 1578	SECTION 06-00046-01-PV	COUNTY WILL	TOTAL SHEETS 244	SHEET NO. 152	
PLOT SCALE = 20.0000' / IN.	DRAWN -	CHECKED -	REVISD -		SCALE:	SHEET NO. OF SHEETS	STA. 65+00 TO STA. 68+00	CONTRACT NO. 63503		
PLOT DATE = 11/16/2010	DATE -	REVISD -	REVISD -		ILLINOIS FED. AID PROJECT					

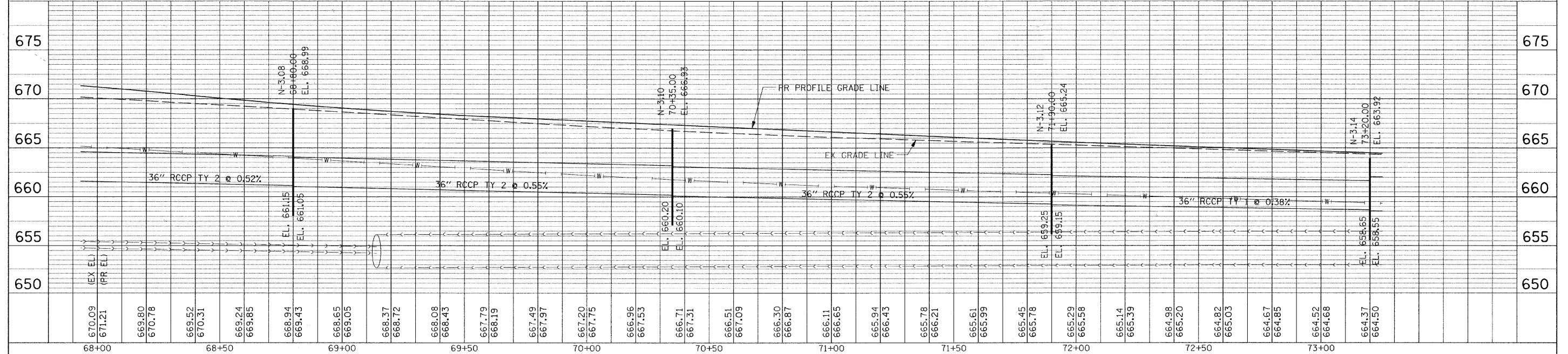
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PROFILE	SUBMITTED	BY	DATE
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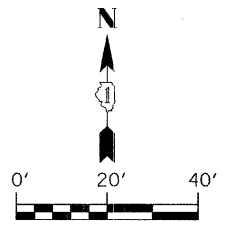


ALL STORM SEWER IS TO BE RUBBER GASKET AND IS PAID FOR AS "STORM SEWERS, RUBBER GASKET, CLASS A" OF THE TYPE AND DIAMETER SPECIFIED IN THE SUMMARY OF QUANTITIES AND SCHEDULE OF QUANTITIES.

- N-3.07** STA. 68+80, 22.0' LT. INLET, TY A, TY 3V F & G EOP ELEV. 668.99 S FL ELEV. 665.50
- N-3.08** STA. 68+80, 22.0' RT. CATCH BASIN, TY D (5' DIA) TY 15 FRAME & LID EOP ELEV. 668.99 N FL ELEV. 664.90 E FL ELEV. 661.05 W FL ELEV. 661.15
- N-3.09** STA. 70+45, 22.0' LT. INLET, TY A, TY 3V F & G EOP ELEV. 666.82 S FL ELEV. 663.25
- N-3.10** STA. 70+35, 22.0' RT. CATCH BASIN, TY D (5' DIA) TY 15 FRAME & LID EOP ELEV. 666.92 N FL ELEV. 662.75 E FL ELEV. 660.10 W FL ELEV. 660.20 S FL ELEV. 663.00
- N-3.11** STA. 72+00, 22.0' LT. INLET, TY A, TY 3V F & G EOP ELEV. 665.14 S FL ELEV. 661.60
- N-3.12** STA. 71+90, 22.0' RT. CATCH BASIN, TY D (5' DIA) TY 15 FRAME & LID EOP ELEV. 665.24 N FL ELEV. 661.10 E FL ELEV. 659.15 W FL ELEV. 659.25
- N-3.13** STA. 73+20, 22.0' LT. INLET, TY A, TY 3V F & G EOP ELEV. 664.06 S FL ELEV. 660.50
- N-3.14** STA. 73+20, 29.25' RT. CATCH BASIN, TY D (5' DIA) TY 15 FRAME & LID EOP ELEV. 663.92 N FL ELEV. 659.90 E FL ELEV. 658.55 W FL ELEV. 658.65 SE FL ELEV. 660.50
- SS-3.08** 12" RCCP TY 1, CLASS A 47' @ 1.28%
- SS-3.09** 36" RCCP TY 2, CLASS A 155' @ 0.55%
- SS-3.10** 12" RCCP TY 1, CLASS A 48' @ 1.04%
- SS-3.11** 36" RCCP TY 2, CLASS A 155' @ 0.55%
- SS-3.12** 12" RCCP TY 1, CLASS A 48' @ 1.04%
- SS-3.13** 36" RCCP TY 1, CLASS A 130' @ 0.38%
- SS-3.14** 12" RCCP TY 1, CLASS A 54' @ 1.11%
- SS-3.16** 12" RCCP TY 1, CLASS A 18' @ 1.43%



FILE NAME = G:\S09021\CADD_Sheets\9021D\P18.dgn	USER NAME = JE Consultants	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LILY CACHE LANE DRAINAGE AND UTILITY PLAN			F.A.U. RTE. 1578	SECTION 06-00046-01-PV	COUNTY WILL	TOTAL SHEETS 244	SHEET NO. 153
PLLOT SCALE = 20.0000' / IN.	PLLOT DATE = 11/16/2010	DRAWN -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. 68+00 TO STA. 73+25	CONTRACT NO. 63503				
		CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									



N-3.15

STA. 73+85, 22.0' LT.
INLET, TY A, TY 3V F & G
EOP ELEV. 663.60
E FL ELEV. 659.45

N-3.16

STA. 74+23, 22.0' LT.
CATCH BASIN, TY D (3' DIA)
TY 3 F & G
EOP ELEV. 663.52
W FL ELEV. 659.20
E FL ELEV. 659.20

N-3.17

STA. 74+45, 22.0' LT.
CATCH BASIN, TY D (4' DIA)
TY 3 F & G
EOP ELEV. 663.55
W FL ELEV. 659.05
S FL ELEV. 659.05

N-3.18

STA. 74+45, 33.0' RT.
CATCH BASIN, TY D (5' DIA)
TY 15 FRAME & LID
EOP ELEV. 663.33
N FL ELEV. 658.75
W FL ELEV. 658.75

N-3.19

STA. 74+23, 33.0' RT.
CATCH BASIN, TY D (5' DIA)
TY 15 FRAME & LID
EOP ELEV. 663.30
E FL ELEV. 658.65
W FL ELEV. 658.65

N-3.20

STA. 73+83.5, 33.0' RT.
CATCH BASIN, TY D (7' DIA)
TY 15 FRAME & LID
EOP ELEV. 663.38
N FL ELEV. 659.00
S FL ELEV. 658.30
E FL ELEV. 658.45
W FL ELEV. 658.40

N-3.21

STA. 73+86.50, 66.0' RT.
P.R.C. FLARED END SECTION 42"
FL ELEV. 658.22

N-3.22

STA. 500+90, 16.5' RT.
CATCH BASIN, TY D (4' DIA)
TY 11V F & G
EOP ELEV. 664.13
N FL ELEV. 659.80
S FL ELEV. 659.70

N-3.23

STA. 500+65, 16.5' RT.
CATCH BASIN, TY D (4' DIA)
TY 11V F & G
EOP ELEV. 663.88
N FL ELEV. 659.55
S FL ELEV. 659.55

N-3.24

STA. 500+42, 19.0' RT.
CATCH BASIN, TY D (4' DIA)
TY 11 F & G
EOP ELEV. 663.76
N FL ELEV. 659.45
W FL ELEV. 659.40

N-3.25

STA. 75+23, 22.0' LT.
MANHOLE, TY A (4' DIA)
TY 1 FRAME - CLID
RIM ELEV. 664.20
NE FL ELEV. 659.15
SW FL ELEV. 659.10

N-3.26

STA. 74+92, 43.0' RT.
MANHOLE, TY A (4' DIA)
TY 1 FRAME - CLID
RIM ELEV. 664.32
NE FL ELEV. 658.80
W FL ELEV. 658.80

N-3.27

STA. 500+90, 16.5' LT.
CATCH BASIN, TY D (4' DIA)
TY 11V F & G
EOP ELEV. 664.13
N FL ELEV. 659.80
S FL ELEV. 659.70

N-3.28

STA. 500+65, 16.5' LT.
CATCH BASIN, TY D (4' DIA)
TY 11V F & G
EOP ELEV. 663.88
N FL ELEV. 659.50
S FL ELEV. 659.50

N-3.29

STA. 500+42, 17.88' LT.
CATCH BASIN, TY D (4' DIA)
TY 11 F & G
EOP ELEV. 663.75
N FL ELEV. 659.35
W FL ELEV. 659.30

N-3.30

STA. 75+00, 22.0' LT.
CATCH BASIN, TY D (4' DIA)
TY 3 F & G
EOP ELEV. 663.76
E FL ELEV. 659.10
S FL ELEV. 659.05

N-3.33

STA. 73+91.50, 66.0' RT.
P.R.C. FLARED END SECTION 36"
FL ELEV. 658.22

N-3.37

STA. 73+35, 41.0' RT.
INLET, TY A, TY 8 GRATE
RIM ELEV. 663.45
NW FL ELEV. 660.60

N-4.01

STA. 499+30, 16.5' RT.
INLET, TY A, TY 11 F & G
EOP ELEV. 663.88
N FL ELEV. 660.35

N-4.02

STA. 499+30, 16.5' LT.
INLET, TY A, TY 11 F & G
EOP ELEV. 663.88
N FL ELEV. 660.55

N-4.03

STA. 499+48, 18.6' LT.
CATCH BASIN, TY D (3' DIA)
TY 11 F & G
EOP ELEV. 663.75
S FL ELEV. 660.45
E FL ELEV. 660.35

N-4.04

STA. 499+48, 18.6' RT.
CATCH BASIN, TY D (4' DIA)
TY 11 F & G
EOP ELEV. 663.75
S FL ELEV. 660.25
W FL ELEV. 660.15
NE FL ELEV. 660.05

N-4.05

STA. 76+10, 37.0' RT.
MANHOLE, TY A (4' DIA)
TY 1 FRAME - CLID
RIM ELEV. 664.30
SW FL ELEV. 659.90
E FL ELEV. 659.80

N-4.06

STA. 76+69, 22.0' LT.
INLET, TY A, TY 3 F & G
EOP ELEV. 663.77
E FL ELEV. 660.30

N-4.07

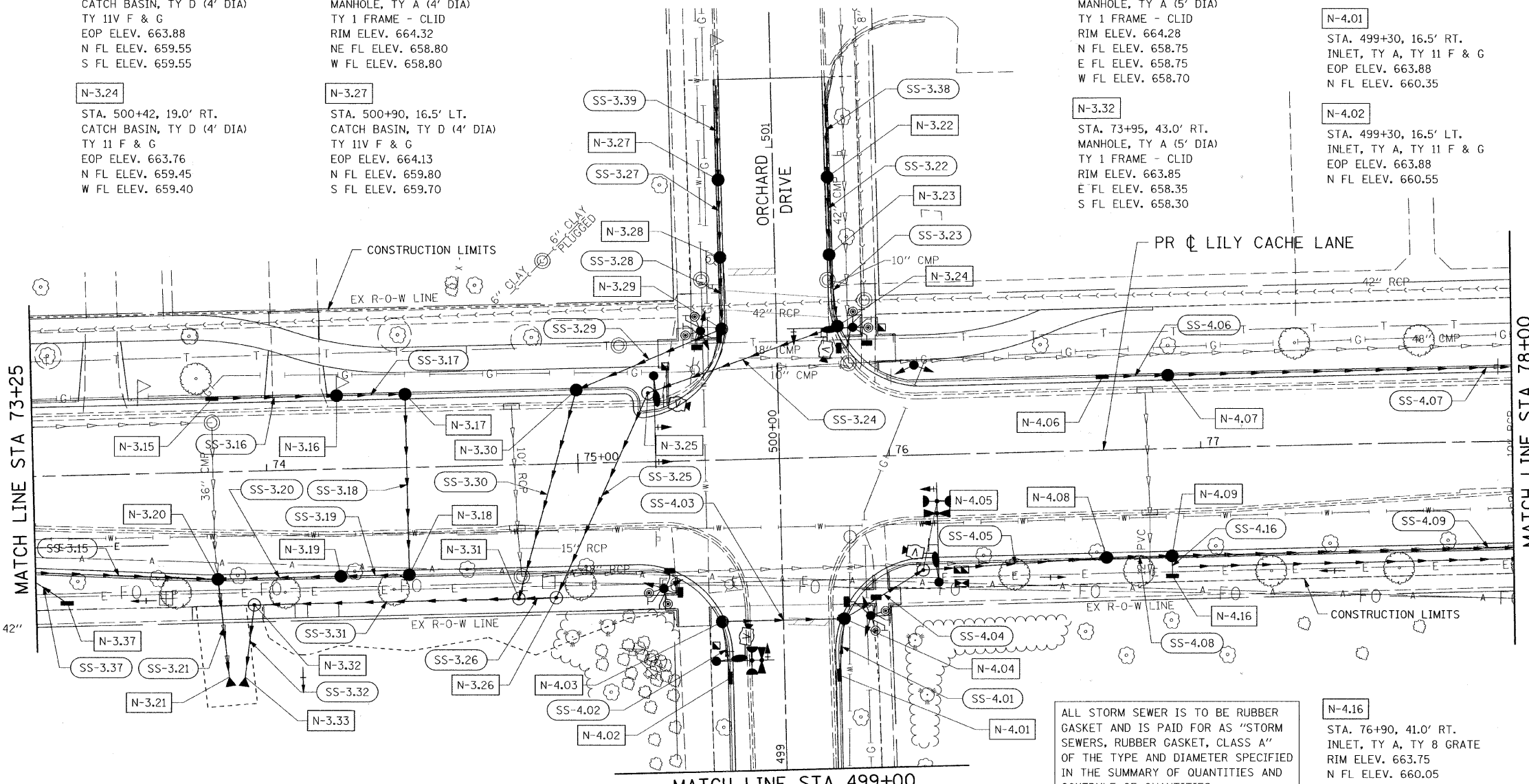
STA. 76+90, 22.0' LT.
CATCH BASIN, TY D (5' DIA)
TY 3 F & G
EOP ELEV. 663.79
E FL ELEV. 659.15
W FL ELEV. 659.25

N-4.08

STA. 76+69, 33.0' RT.
CATCH BASIN, TY D (5' DIA)
TY 15 FRAME & LID
EOP ELEV. 663.55
E FL ELEV. 658.75
W FL ELEV. 658.85

N-4.09

STA. 76+90, 33.0' RT.
CATCH BASIN, TY D (5' DIA)
TY 15 FRAME & LID
EOP ELEV. 663.57
S FL ELEV. 660.00
E FL ELEV. 658.60
W FL ELEV. 658.70



SS-3.15

42" RCCP TY 1, CLASS A
64' @ 0.24%

SS-3.16

12" RCCP TY 1, CLASS A
40' @ 0.62%

SS-3.17

12" RCCP TY 1, CLASS A
22' @ 0.68%

SS-3.18

18" RCCP TY 1, CLASS A
58' @ 0.52%

SS-3.19

21" RCCP TY 1, CLASS A
22' @ 0.45%

SS-3.20

21" RCCP TY 1, CLASS A
39' @ 0.51%

SS-3.21

42" RCCP TY 1, CLASS A
31' @ 0.25%

SS-3.22

24" RCCP TY 1, CLASS A
25' @ 0.60%

SS-3.23

24" RCCP TY 1, CLASS A
23' @ 0.43%

SS-3.24

24" RCCP TY 1, CLASS A
65' @ 0.39%

SS-3.25

24" RCCP TY 1, CLASS A
72' @ 0.42%

SS-3.26

24" RCCP TY 1, CLASS A
12' @ 0.42%

SS-3.27

24" RCCP TY 1, CLASS A
25' @ 0.80%

SS-3.28

24" RCCP TY 1, CLASS A
23' @ 0.65%

SS-3.29

24" RCCP TY 1, CLASS A
51' @ 0.39%

SS-3.30

24" RCCP TY 1, CLASS A
69' @ 0.43%

SS-3.31

36" RCCP TY 1, CLASS A
85' @ 0.41%

SS-3.32

36" RCCP TY 1, CLASS A
23' @ 0.34%

SS-3.37

12" RCCP TY 1, CLASS A
18' @ 0.55%

SS-3.38

SLOTTED DRAIN 18"
30' @ 2.00%

SS-3.39

SLOTTED DRAIN 18"
30' @ 2.00%

SS-4.01

21" RCCP TY 1, CLASS A
18' @ 0.55%

SS-4.02

21" RCCP TY 1, CLASS A
18' @ 0.55%

SS-4.03

24" RCCP TY 1, CLASS A
39' @ 0.38%

SS-4.04

24" RCCP TY 1, CLASS A
30' @ 0.34%

SS-4.05

27" RCCP TY 1, CLASS A
59' @ 0.25%

SS-4.06

24" RCCP TY 1, CLASS A
21' @ 0.24%

SS-4.07

24" RCCP TY 1, CLASS A
205' @ 0.22%

SS-4.08

27" RCCP TY 1, CLASS A
21' @ 0.24%

SS-4.09

30" RCCP TY 1, CLASS A
203' @ 0.17%

SS-4.16

12" RCCP TY 1, CLASS A
7' @ 0.77%

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DESIGNED -
DRAWN -
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PLOT DATE = 11/16/2010

REVISIONS -
CHECKED -
DATE -

REVISIONS -
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REVISOR -

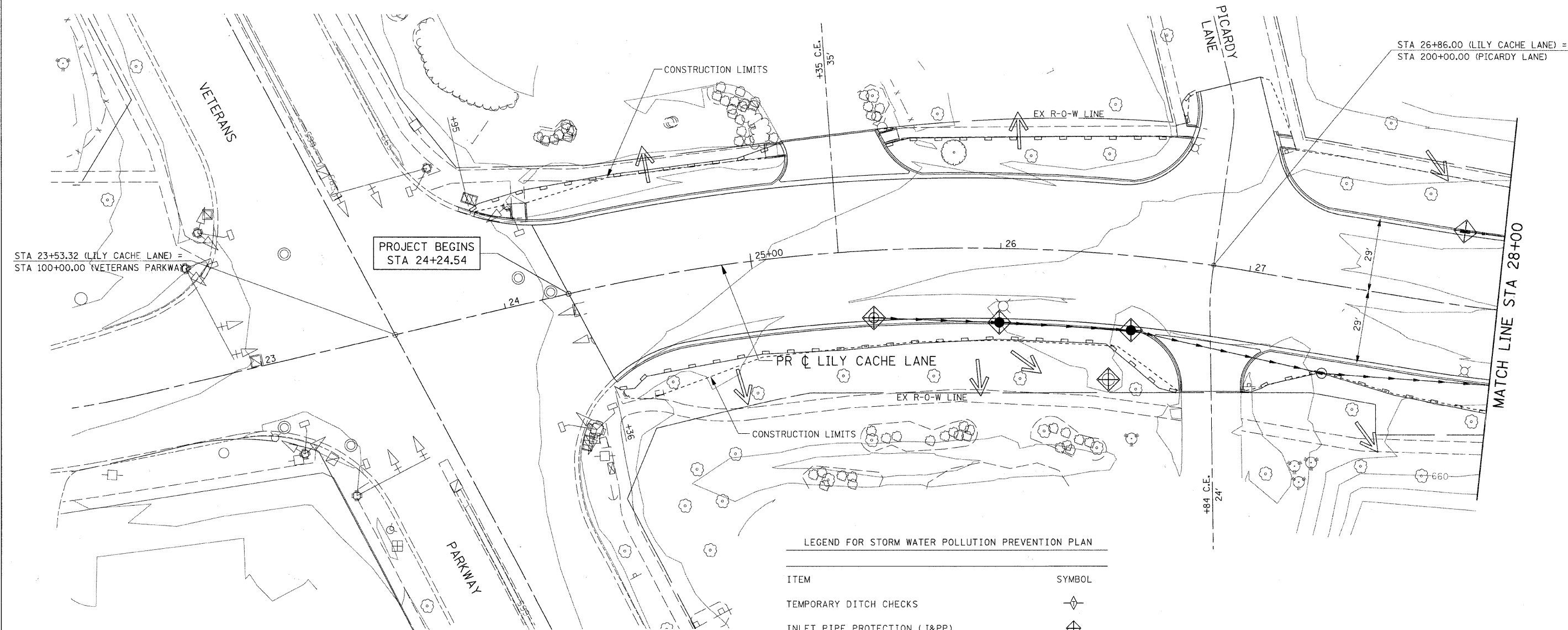
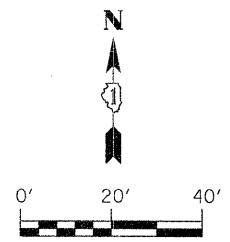
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LILY CACHE LANE
DRAINAGE AND UTILITY PLAN

Table with columns: F.A.U., SECTION, COUNTY, TOTAL SHEETS, SHEET NO. Values: 1578, 06-00046-01-PV, WILL, 244, 154

SCALE: SHEET NO. OF SHEETS STA. 73+25 TO STA. 78+00

ILLINOIS FED. AID PROJECT CONTRACT NO. 63503



LEGEND FOR STORM WATER POLLUTION PREVENTION PLAN

ITEM	SYMBOL
TEMPORARY DITCH CHECKS	
INLET PIPE PROTECTION (I&PP)	
PERIMETER EROSION BARRIER	
EX DITCH SUMMIT	
PR DITCH SUMMIT	
EX FLOW LINE	
PR FLOW LINE	
PR SWALE	
SHEET FLOW	
PR RIPRAP	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

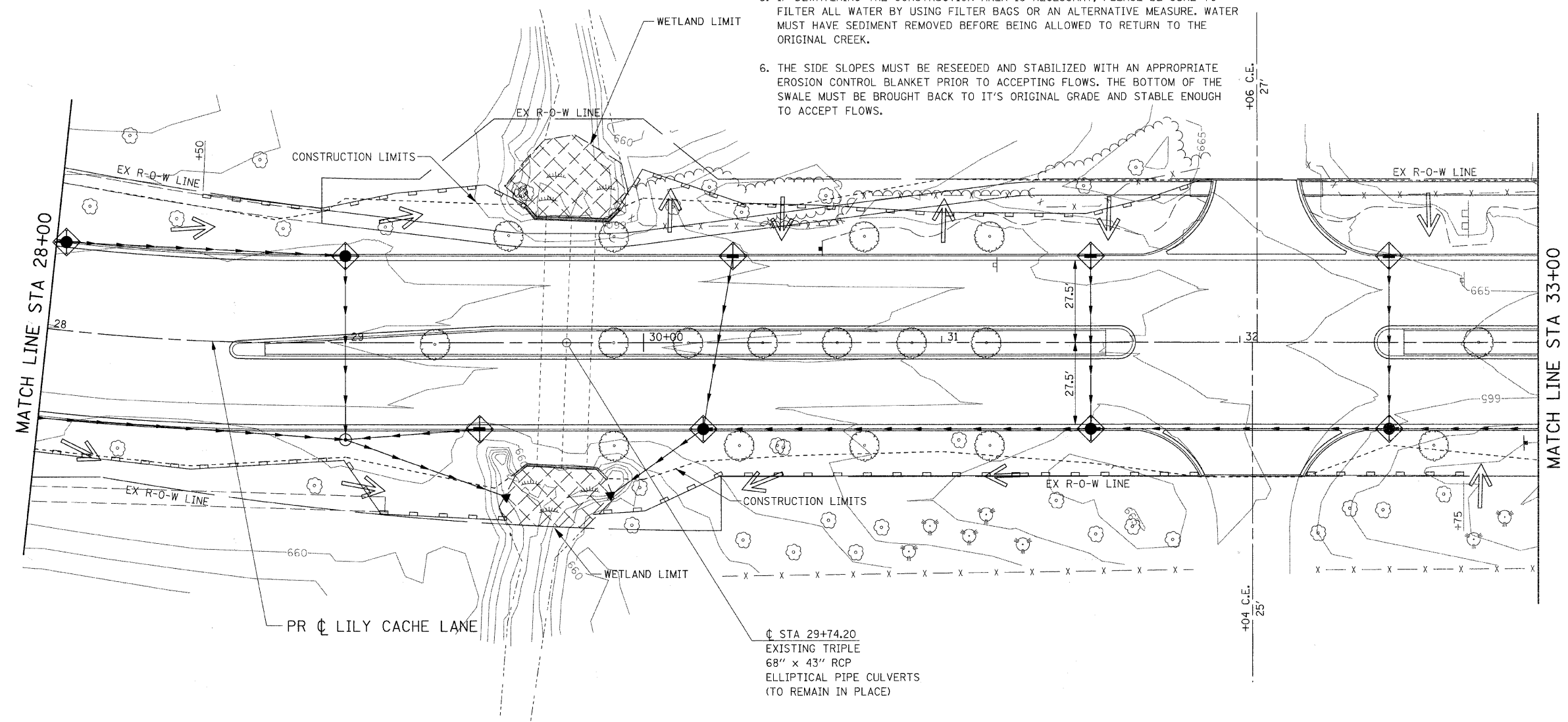
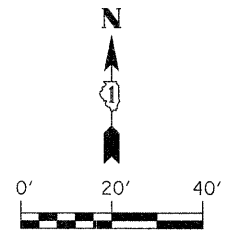
**LILY CACHE LANE
STORM WATER POLLUTION PREVENTION PLAN**

SCALE: SHEET NO. OF SHEETS STA. 24+24.54 TO STA. 28+00

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
157B	06-00046-01-PV	WILL	244	158
CONTRACT NO. 63503			ILLINOIS FED. AID PROJECT	

CULVERT EXTENSION NOTES

1. SEE "HEADWALL EXTENSION AND RAILING DETAIL" FOR "CONSTRUCTION NOTES".
2. DURING WORK ON THE STREAM, WORK MUST BE TIMED TO TAKE PLACE DURING LOW OR NO-FLOW CONDITIONS.
3. CONCENTRATED FLOW MUST BE ISOLATED FROM THE WORK AREA USING A NON-READABLE COFFERDAM (STEEL SHEETS, AQUA BARRIERS, ETC.).
4. IF BYPASS IS NECESSARY, THE INLET OF THE HOSE SHALL BE PLACED IN A SUMP PIT AND THE OUTLET PLACED ON A NON-READABLE, ENERGY DISSIPATING SURFACE PRIOR TO REJOINING THE STREAM FLOW OF WETLAND.
5. IF DEWATERING THE CONSTRUCTION AREA IS NECESSARY, PLEASE BE SURE TO FILTER ALL WATER BY USING FILTER BAGS OR AN ALTERNATIVE MEASURE. WATER MUST HAVE SEDIMENT REMOVED BEFORE BEING ALLOWED TO RETURN TO THE ORIGINAL CREEK.
6. THE SIDE SLOPES MUST BE RESEDED AND STABILIZED WITH AN APPROPRIATE EROSION CONTROL BLANKET PRIOR TO ACCEPTING FLOWS. THE BOTTOM OF THE SWALE MUST BE BROUGHT BACK TO IT'S ORIGINAL GRADE AND STABLE ENOUGH TO ACCEPT FLOWS.



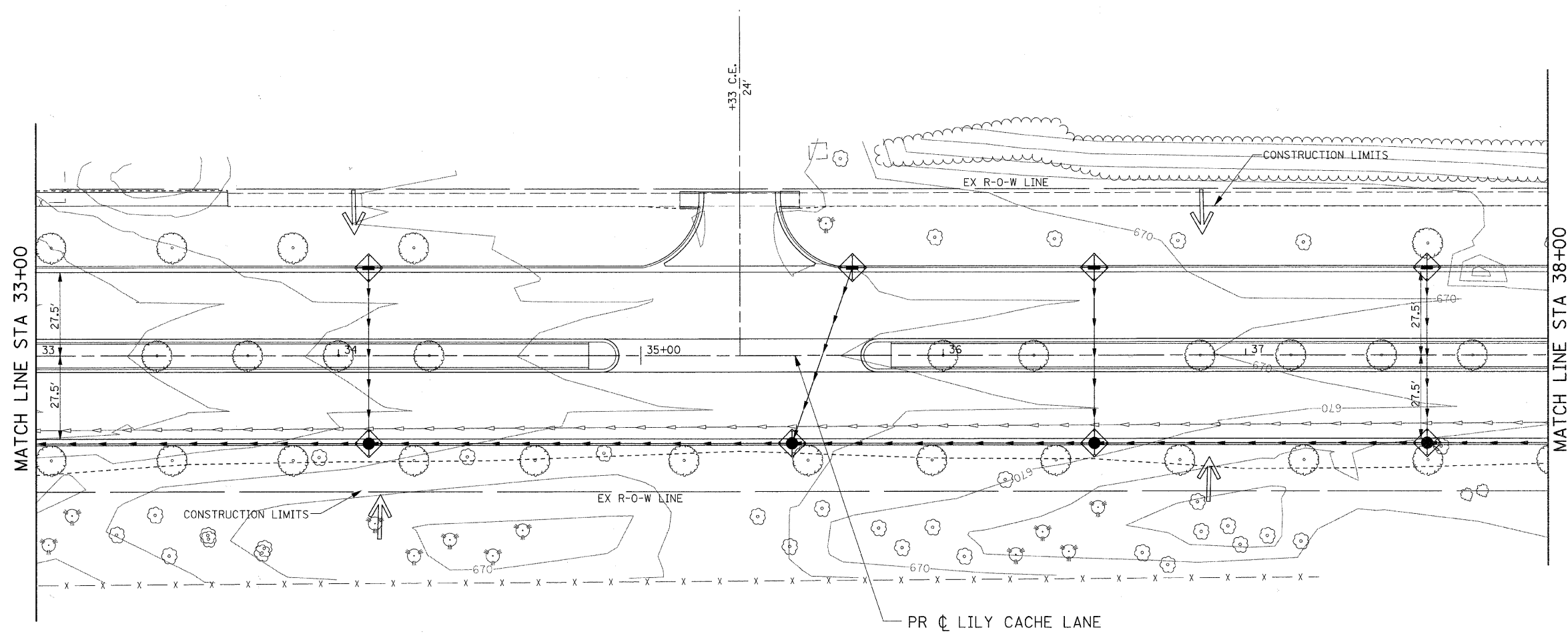
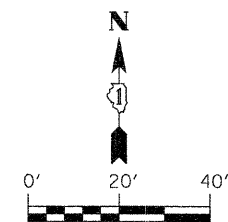
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	PLOT DATE = 10/22/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LILY CACHE LANE
STORM WATER POLLUTION PREVENTION PLAN**

SCALE: SHEET NO. OF SHEETS STA. 28+00 TO STA. 33+00

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	159
			CONTRACT NO. 63503	
ILLINOIS FED. AID PROJECT				

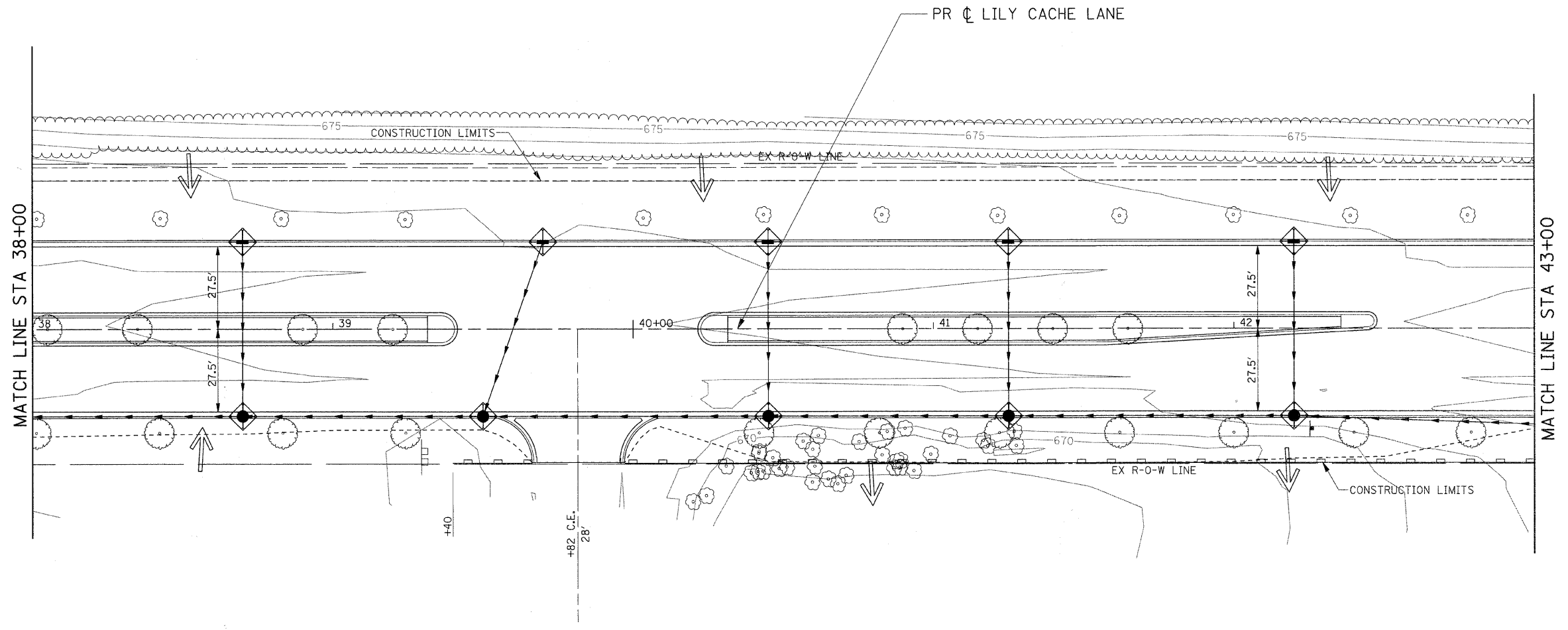
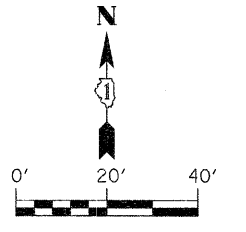


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	PLOT DATE = 10/22/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LILY CACHE LANE STORM WATER POLLUTION PREVENTION PLAN			
SCALE:	SHEET NO. OF SHEETS	STA. 33+00 TO STA. 38+00	

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	160
				CONTRACT NO. 63503
ILLINOIS FED. AID PROJECT				



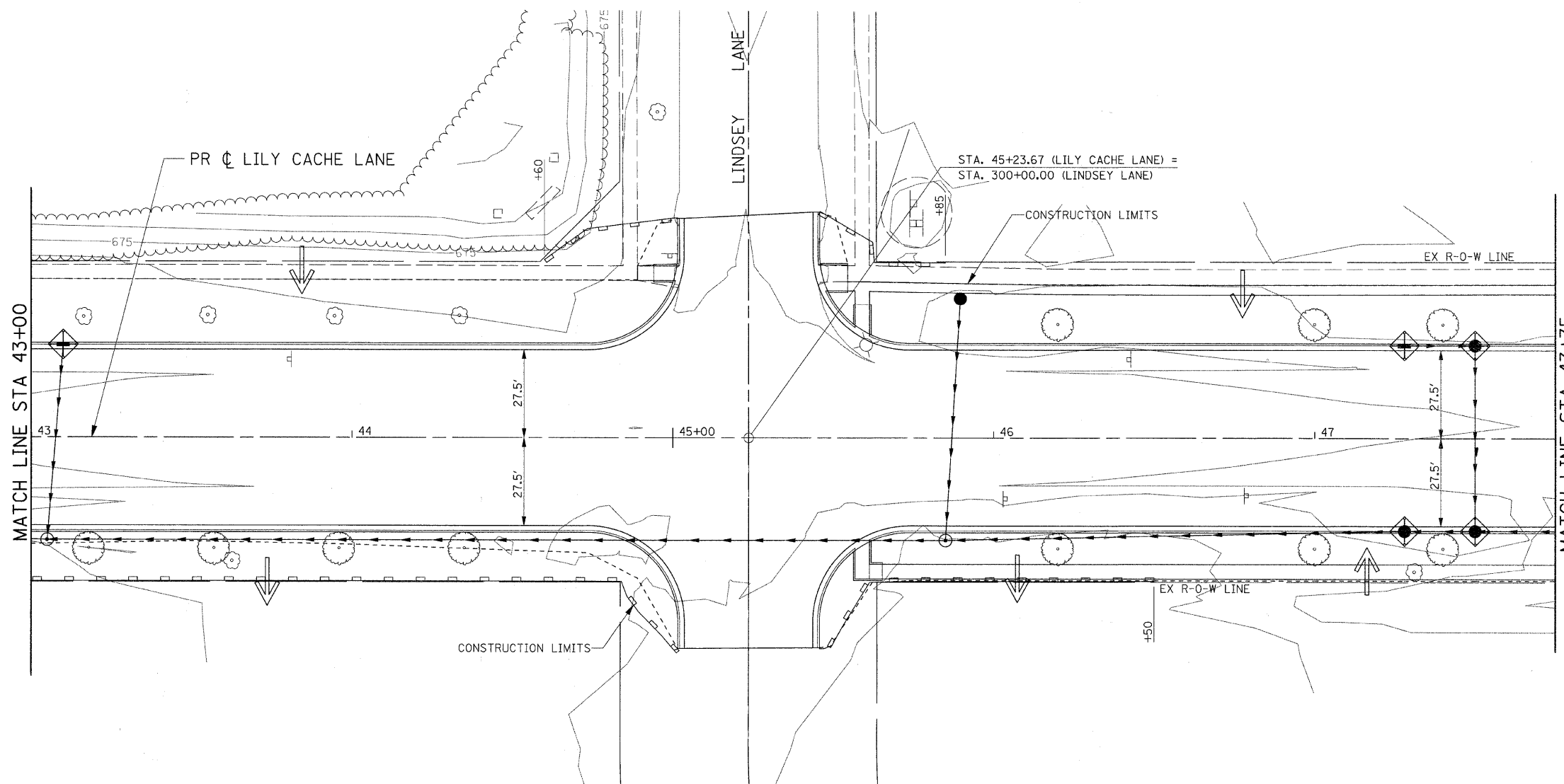
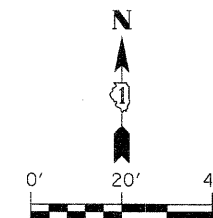
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		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LILY CACHE LANE
STORM WATER POLLUTION PREVENTION PLAN**

SCALE: SHEET NO. OF SHEETS STA. 38+00 TO STA. 43+00

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	161
CONTRACT NO. 63503			ILLINOIS FED. AID PROJECT	



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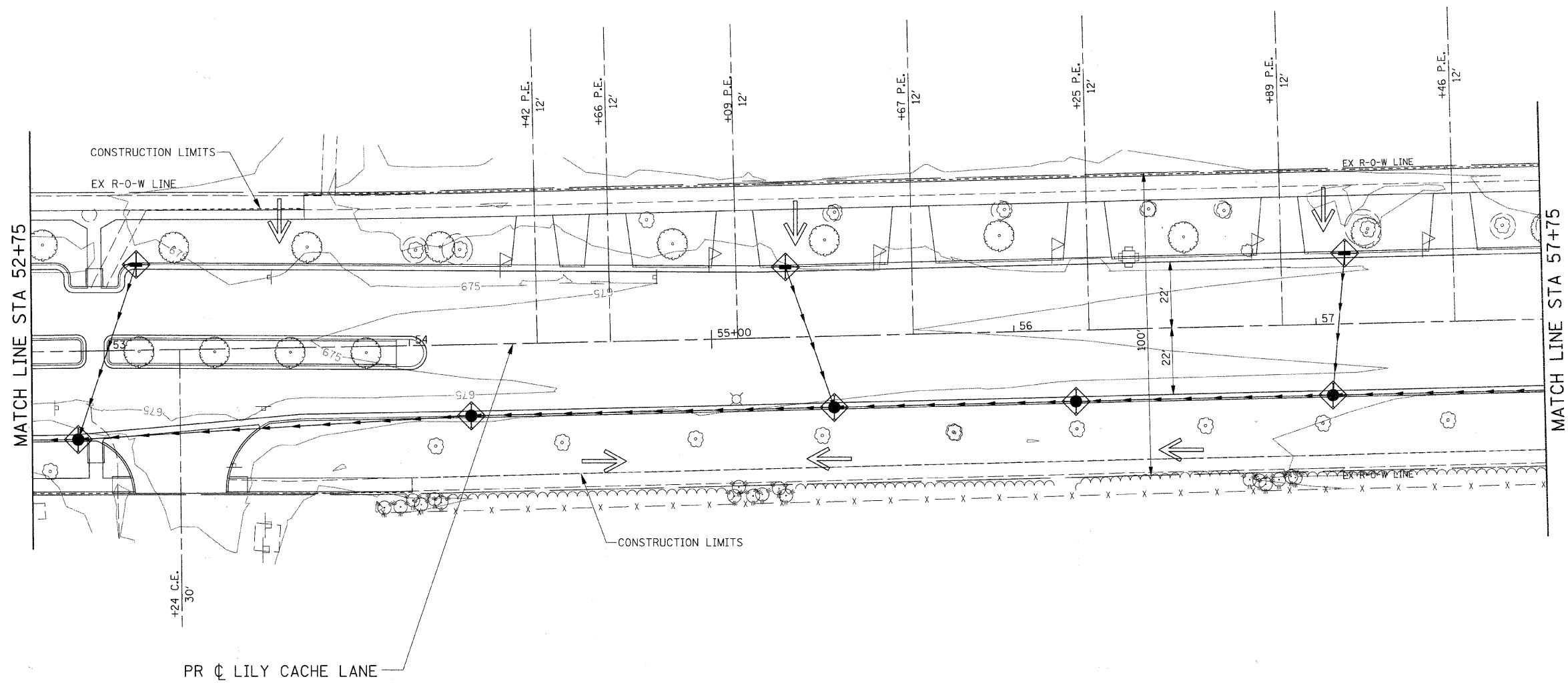
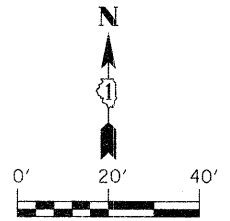
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

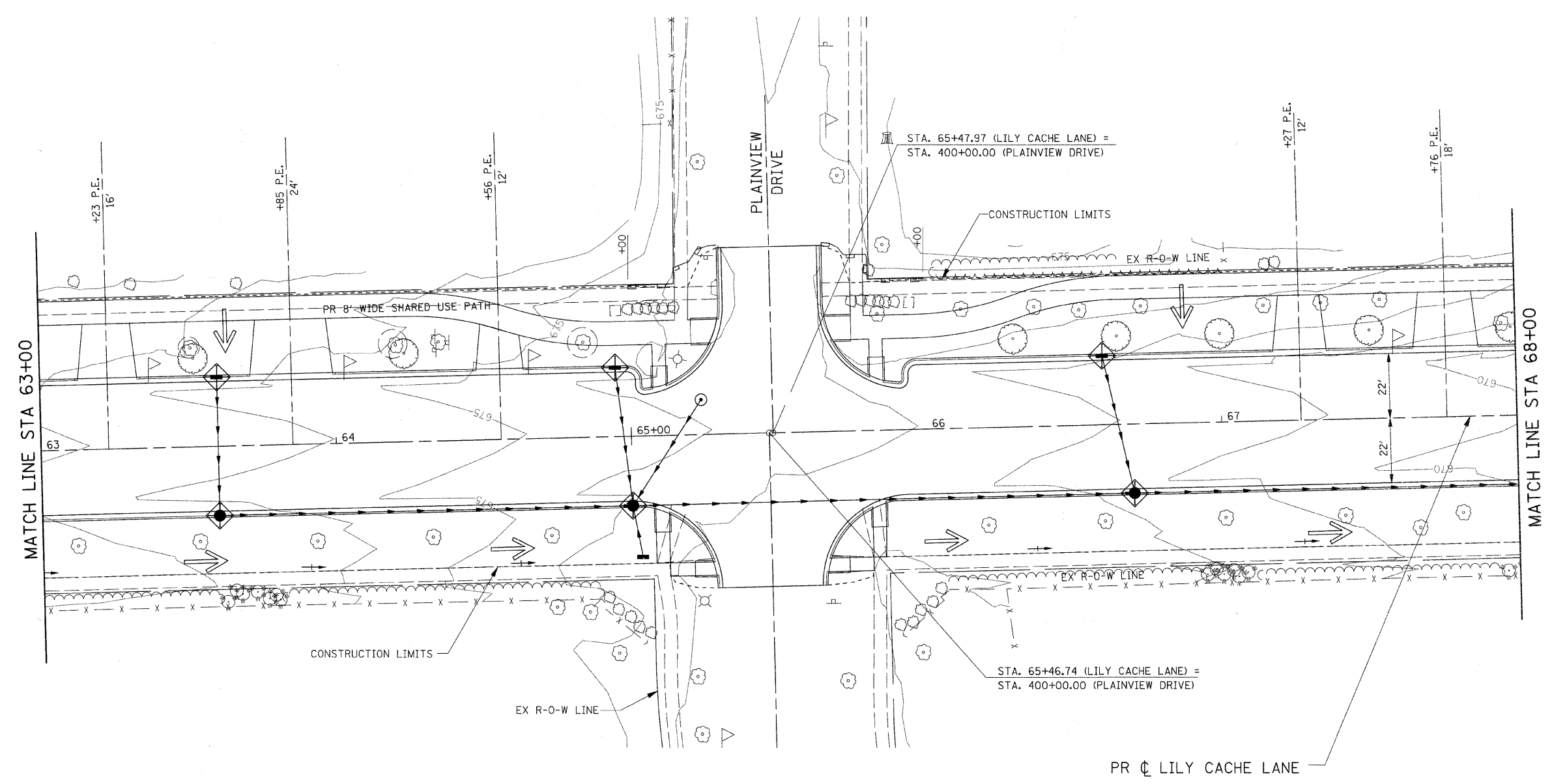
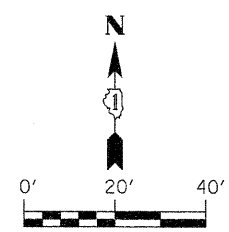
**LILY CACHE LANE
STORM WATER POLLUTION PREVENTION PLAN**

SCALE: SHEET NO. OF SHEETS STA. 43+00 TO STA. 47+75

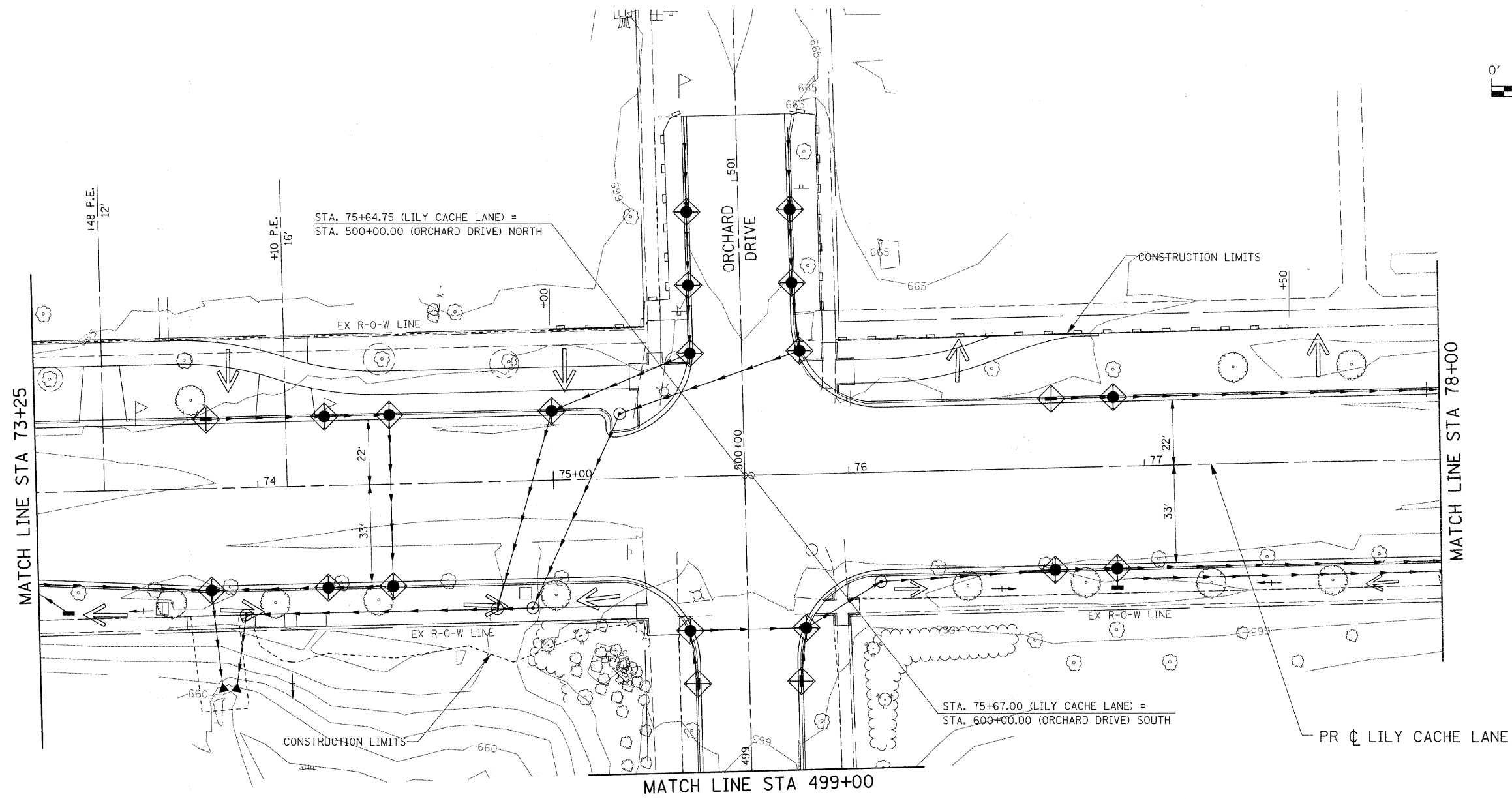
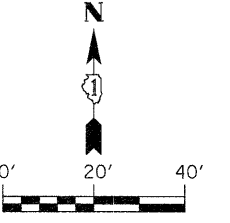
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1578	06-00046-01-PV	WILL	244	162
CONTRACT NO. 63503				
ILLINOIS FED. AID PROJECT				



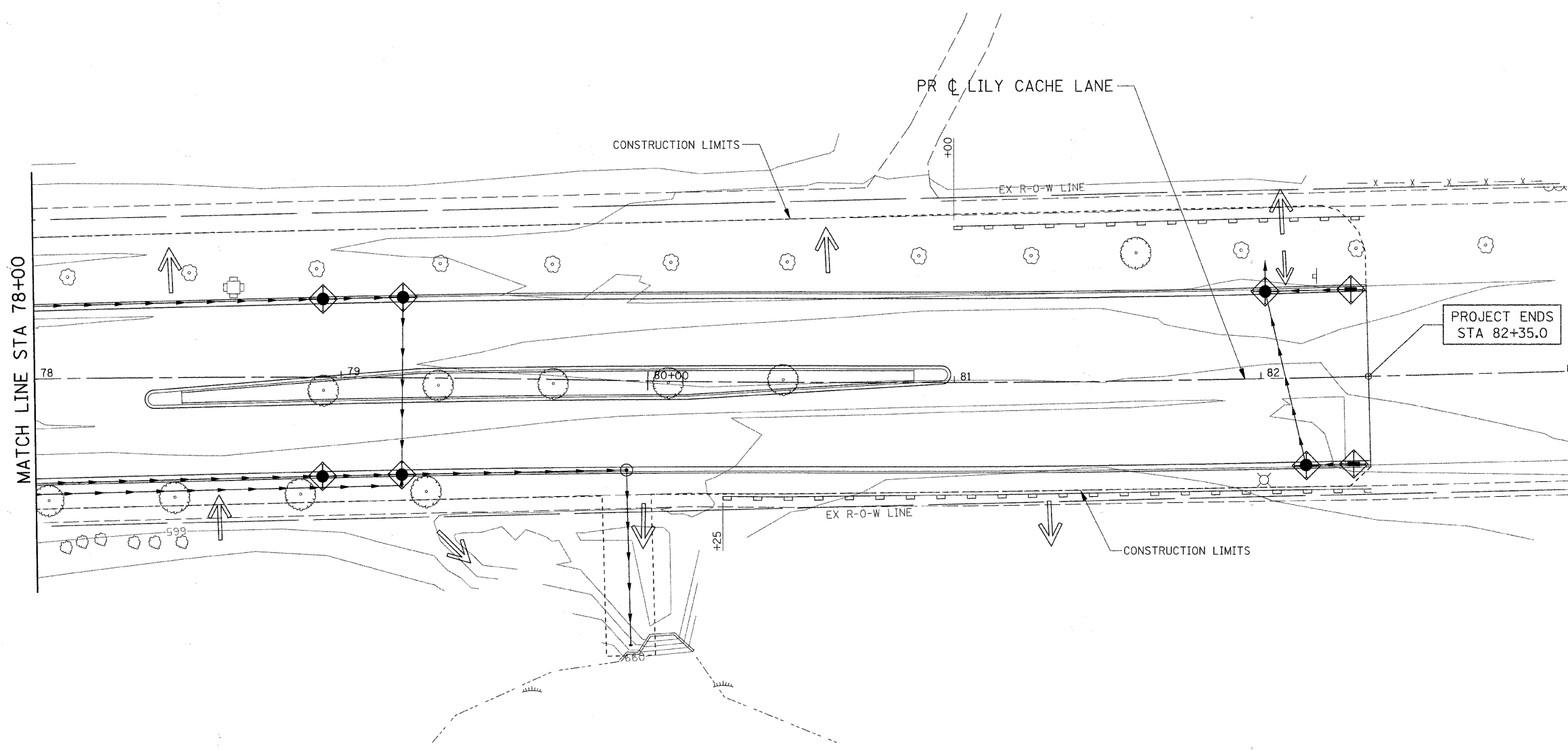
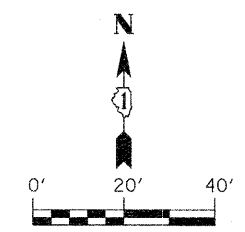
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	PLOT SCALE = 20,000' / IN.	DRAWN -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. 52+75 TO STA. 57+75	1578	06-00046-01-PV	WILL	244	164
PLOT DATE = 10/22/2010	DATE -	REVISED -	REVISED -	CONTRACT NO. 63503 ILLINOIS FED. AID PROJECT								



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	DATE -	REVISED -		ILLINOIS FED. AID PROJECT										



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		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



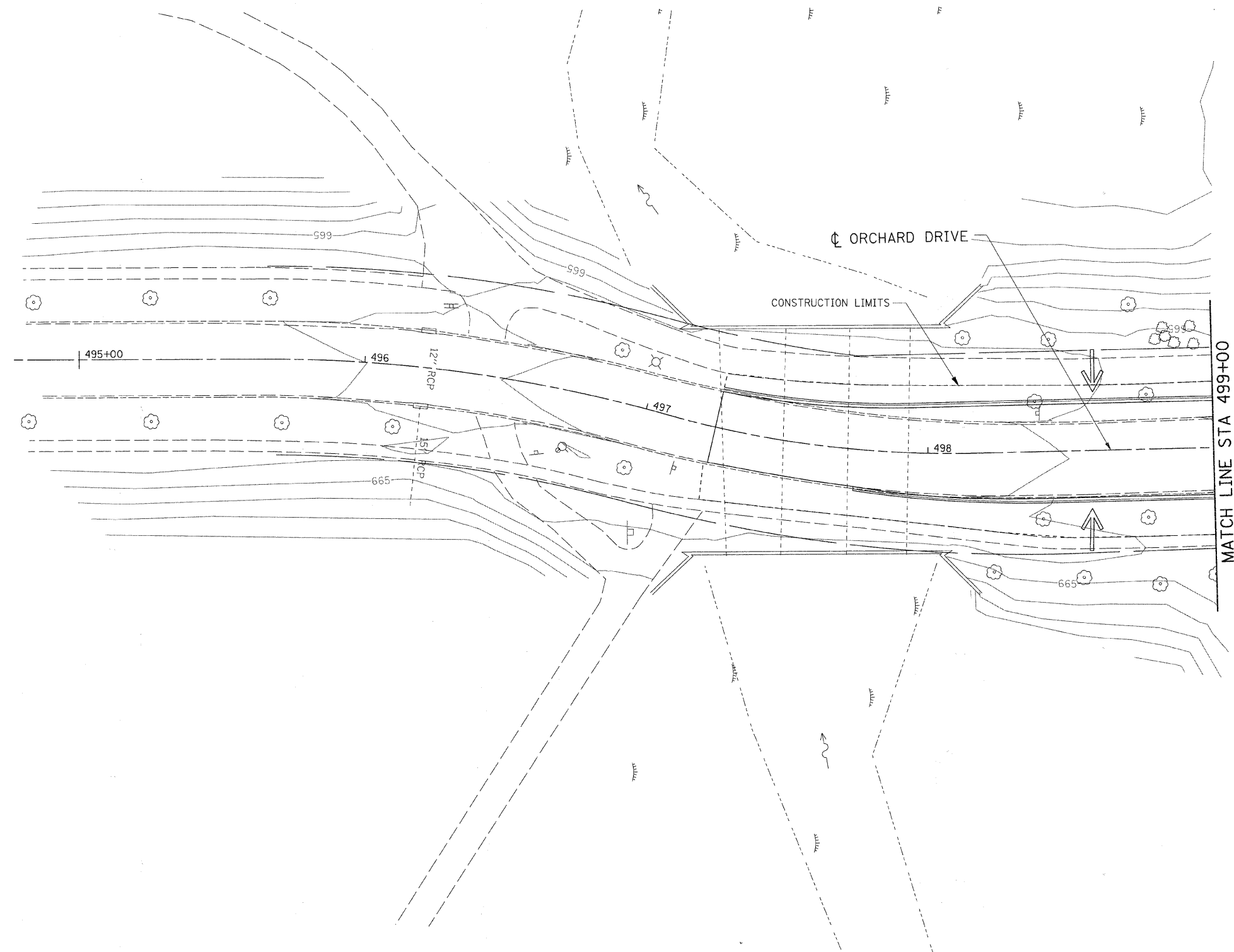
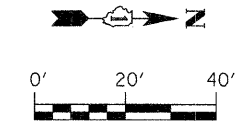
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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LILY CACHE LANE
STORM WATER POLLUTION PREVENTION PLAN**

SCALE: SHEET NO. OF SHEETS STA. 78+00 TO STA. 83+00

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	169
CONTRACT NO. 63503				
ILLINOIS FED. AID PROJECT				



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

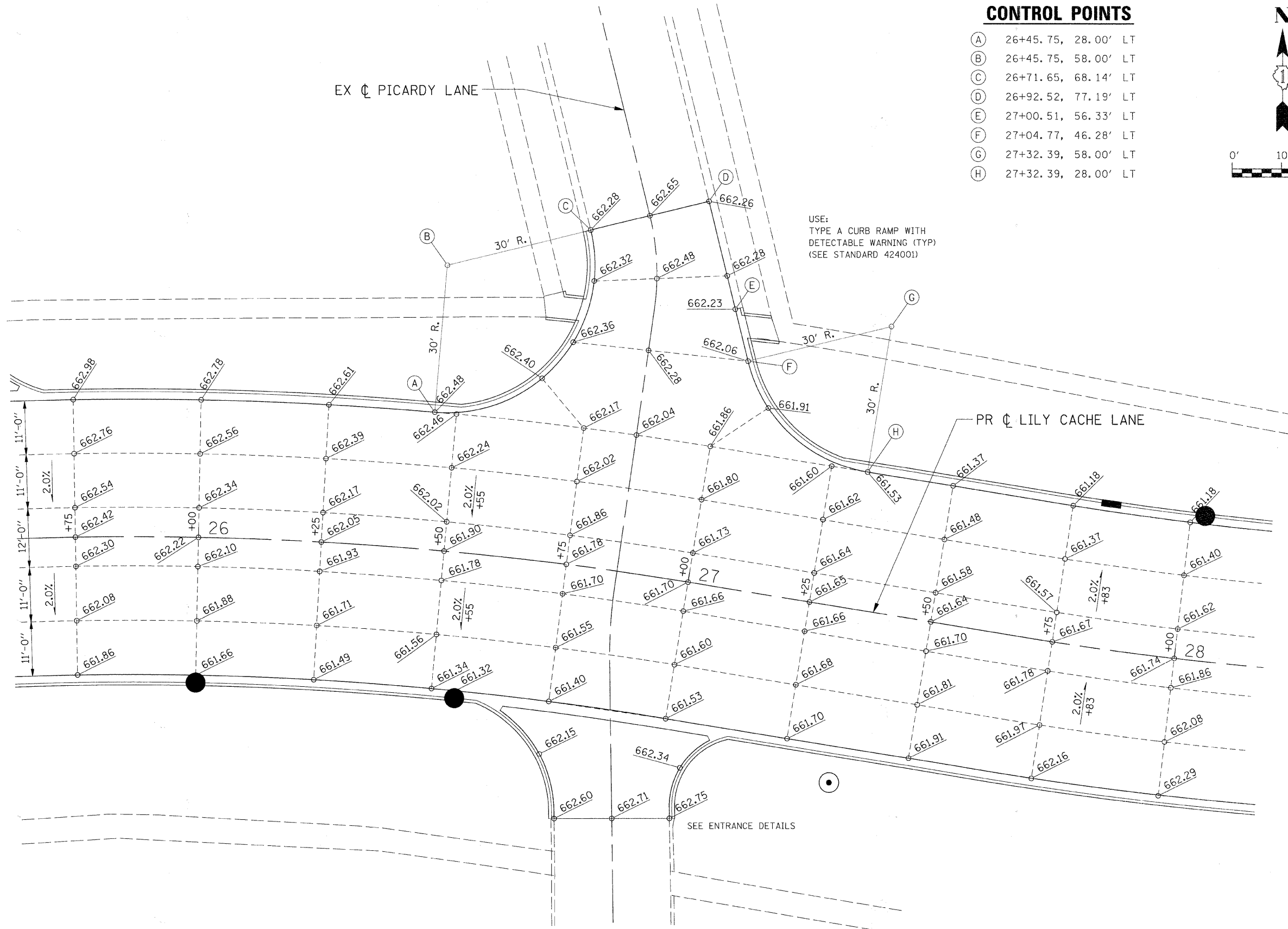
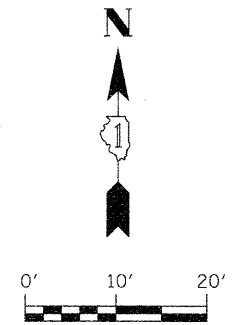
**ORCHARD DRIVE
STORM WATER POLLUTION PREVENTION PLAN**

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	170
ILLINOIS FED. AID PROJECT			CONTRACT NO. 63503	

SCALE: SHEET NO. OF SHEETS STA. 499+00 TO STA.

CONTROL POINTS

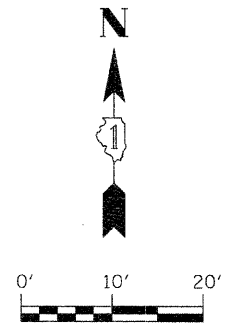
- (A) 26+45.75, 28.00' LT
- (B) 26+45.75, 58.00' LT
- (C) 26+71.65, 68.14' LT
- (D) 26+92.52, 77.19' LT
- (E) 27+00.51, 56.33' LT
- (F) 27+04.77, 46.28' LT
- (G) 27+32.39, 58.00' LT
- (H) 27+32.39, 28.00' LT



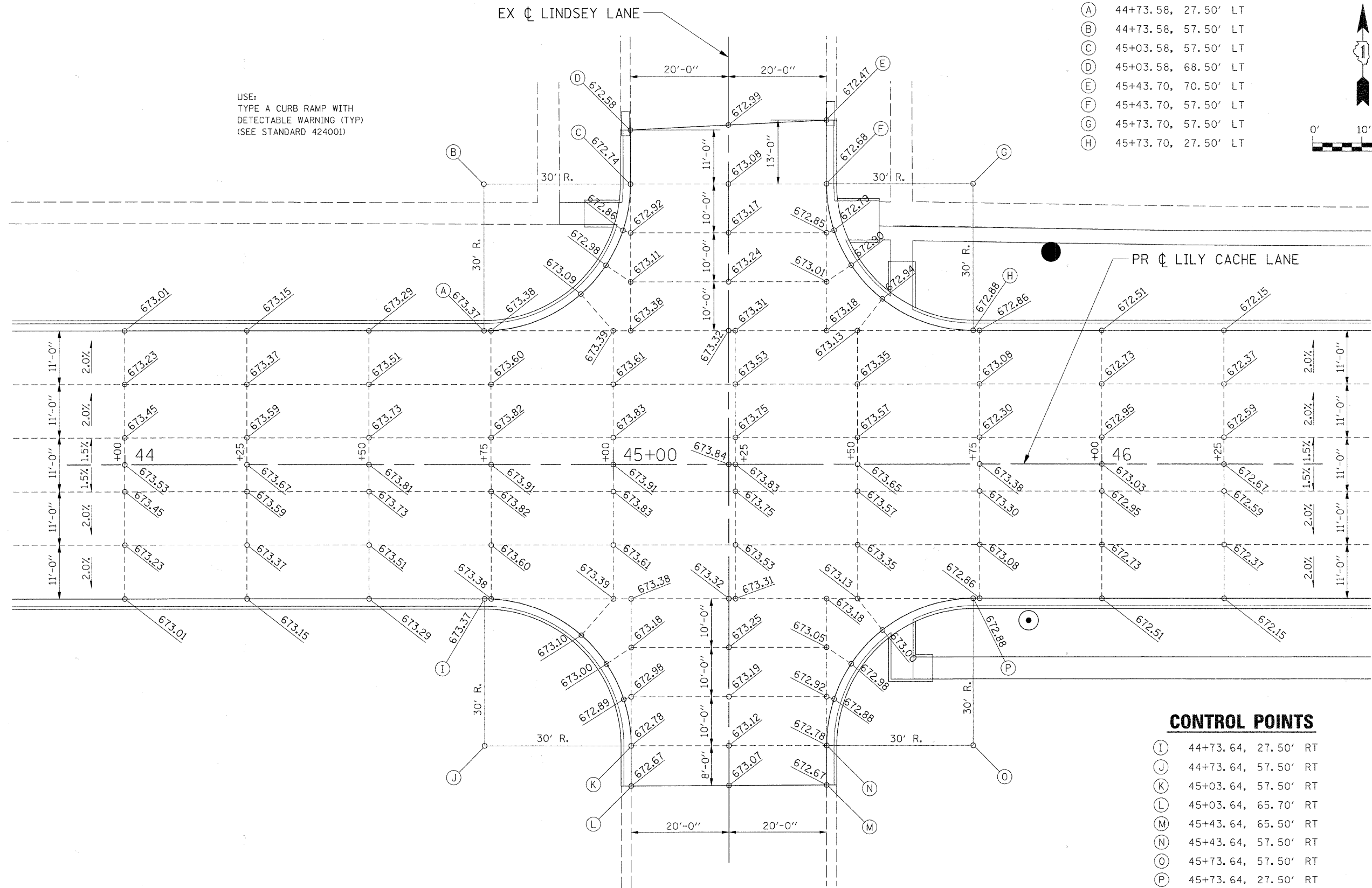
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PLOT DATE = 10/22/2010	DATE -	REVISOR -	REVISOR -					CONTRACT NO. 63503 ILLINOIS FED. AID PROJECT					

CONTROL POINTS

- (A) 44+73.58, 27.50' LT
- (B) 44+73.58, 57.50' LT
- (C) 45+03.58, 57.50' LT
- (D) 45+03.58, 68.50' LT
- (E) 45+43.70, 70.50' LT
- (F) 45+43.70, 57.50' LT
- (G) 45+73.70, 57.50' LT
- (H) 45+73.70, 27.50' LT



USE:
TYPE A CURB RAMP WITH
DETECTABLE WARNING (TYP)
(SEE STANDARD 424001)



CONTROL POINTS

- (I) 44+73.64, 27.50' RT
- (J) 44+73.64, 57.50' RT
- (K) 45+03.64, 57.50' RT
- (L) 45+03.64, 65.70' RT
- (M) 45+43.64, 65.50' RT
- (N) 45+43.64, 57.50' RT
- (O) 45+73.64, 57.50' RT
- (P) 45+73.64, 27.50' RT

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAIL
LINDSEY LANE**

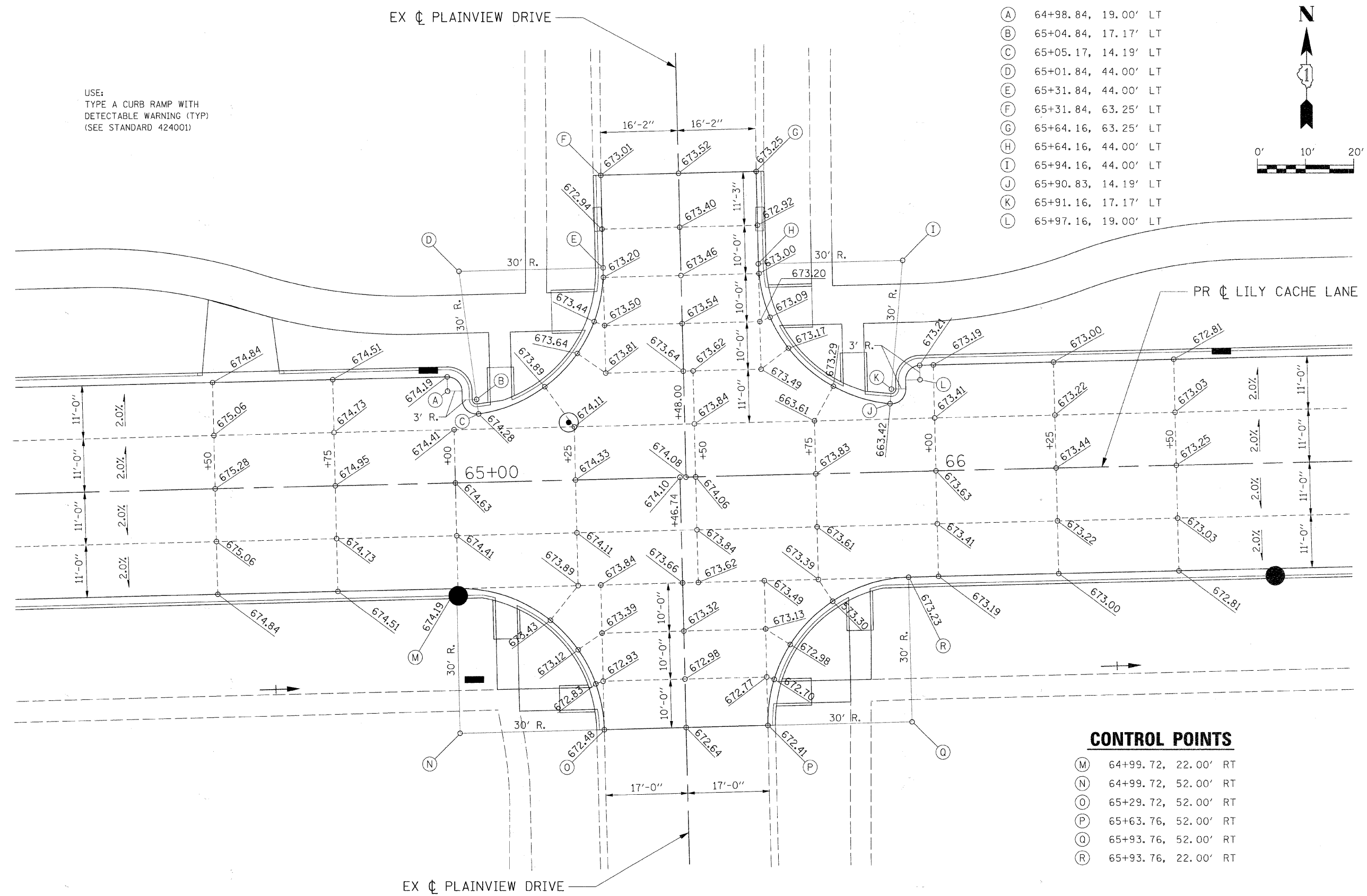
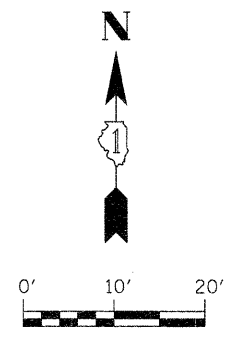
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	172
CONTRACT NO. 63503				
ILLINOIS FED. AID PROJECT				

USE:
TYPE A CURB RAMP WITH
DETECTABLE WARNING (TYP)
(SEE STANDARD 424001)

CONTROL POINTS

- (A) 64+98.84, 19.00' LT
- (B) 65+04.84, 17.17' LT
- (C) 65+05.17, 14.19' LT
- (D) 65+01.84, 44.00' LT
- (E) 65+31.84, 44.00' LT
- (F) 65+31.84, 63.25' LT
- (G) 65+64.16, 63.25' LT
- (H) 65+64.16, 44.00' LT
- (I) 65+94.16, 44.00' LT
- (J) 65+90.83, 14.19' LT
- (K) 65+91.16, 17.17' LT
- (L) 65+97.16, 19.00' LT



CONTROL POINTS

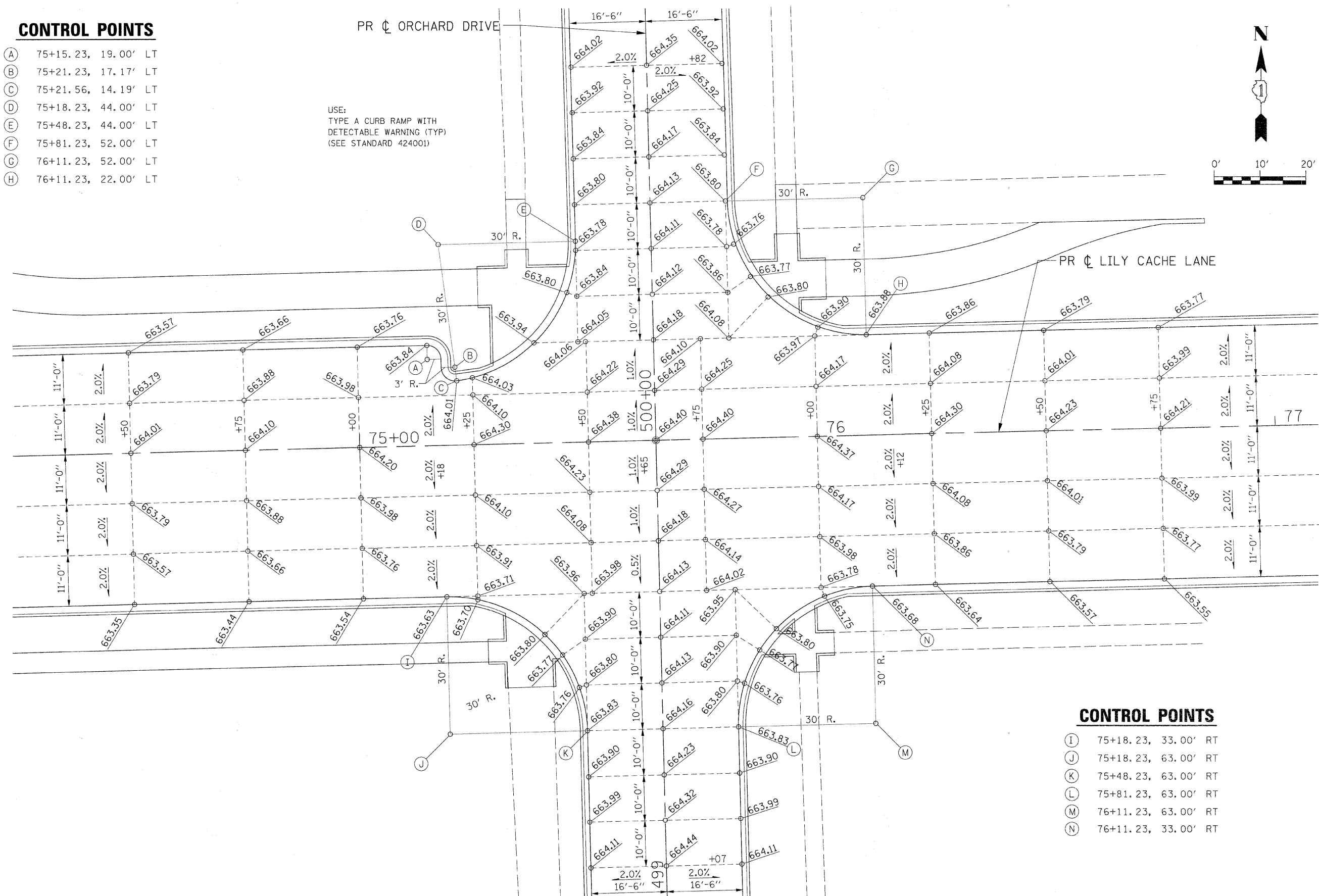
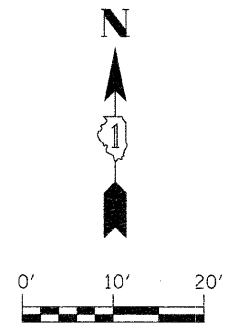
- (M) 64+99.72, 22.00' RT
- (N) 64+99.72, 52.00' RT
- (O) 65+29.72, 52.00' RT
- (P) 65+63.76, 52.00' RT
- (Q) 65+93.76, 52.00' RT
- (R) 65+93.76, 22.00' RT

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PLOT DATE = 10/22/2010	DATE -	CHECKED -	REVISED -	SCALE: SHEET NO. OF SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT					

CONTROL POINTS

- (A) 75+15.23, 19.00' LT
- (B) 75+21.23, 17.17' LT
- (C) 75+21.56, 14.19' LT
- (D) 75+18.23, 44.00' LT
- (E) 75+48.23, 44.00' LT
- (F) 75+81.23, 52.00' LT
- (G) 76+11.23, 52.00' LT
- (H) 76+11.23, 22.00' LT

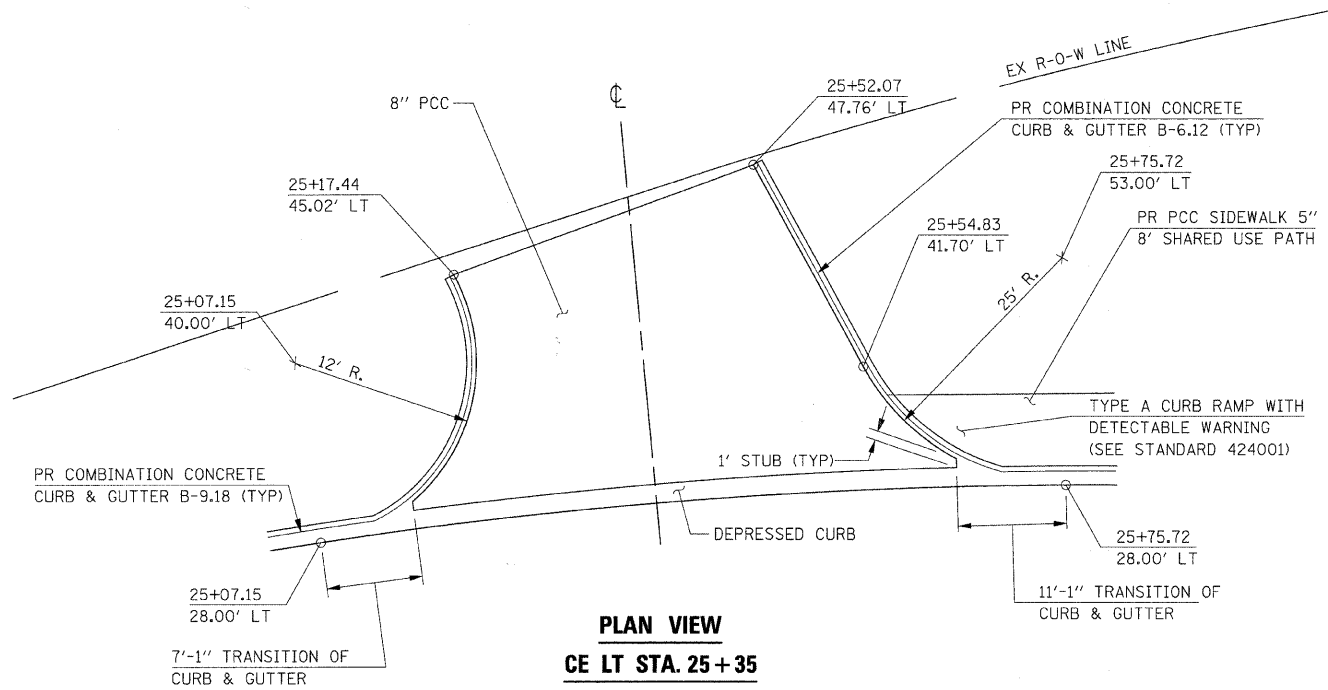
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TYPE A CURB RAMP WITH
DETECTABLE WARNING (TYP)
(SEE STANDARD 424001)



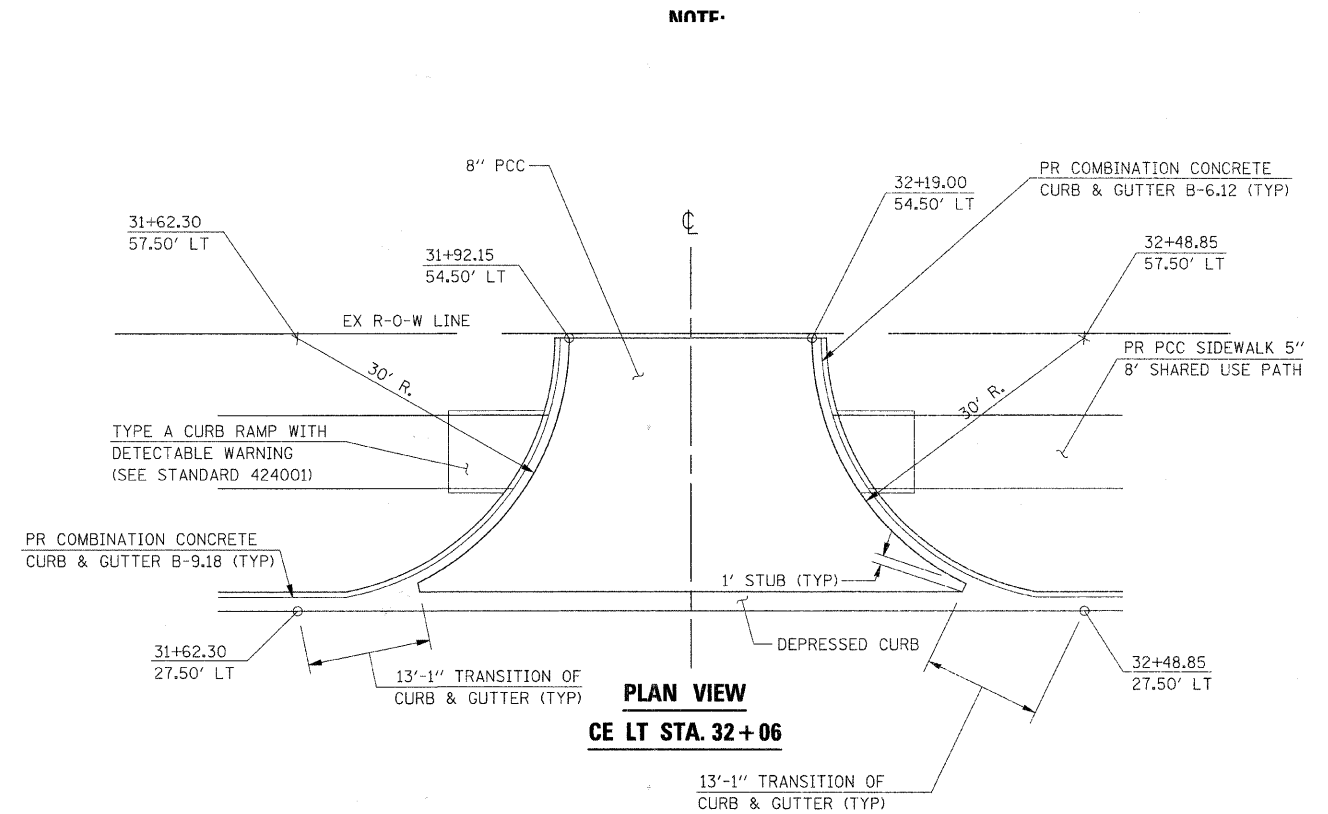
CONTROL POINTS

- (I) 75+18.23, 33.00' RT
- (J) 75+18.23, 63.00' RT
- (K) 75+48.23, 63.00' RT
- (L) 75+81.23, 63.00' RT
- (M) 76+11.23, 63.00' RT
- (N) 76+11.23, 33.00' RT

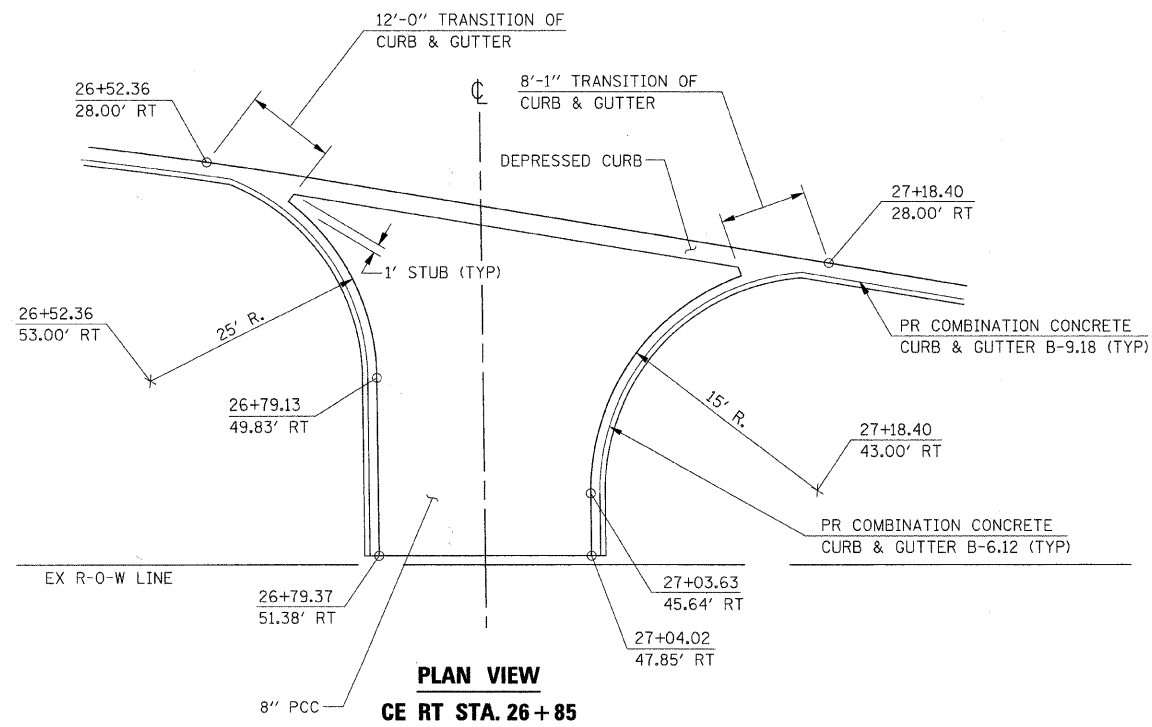
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PLOT SCALE = 10.0000' / IN.	PLOT DATE = 10/22/2010	DRAWN -	REVISIED -	SCALE: SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 63503 <small>ILLINOIS FED. AID PROJECT</small>				



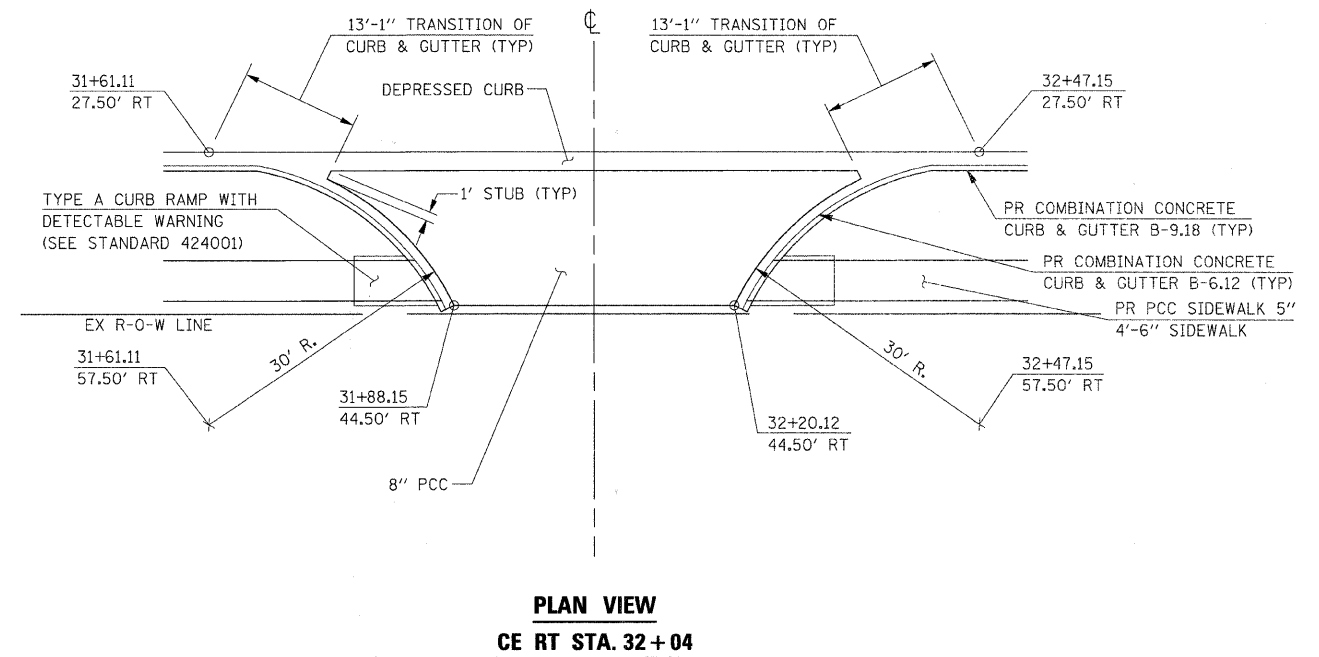
PLAN VIEW
CE LT STA. 25+35



PLAN VIEW
CE LT STA. 32+06



PLAN VIEW
CE RT STA. 26+85



PLAN VIEW
CE RT STA. 32+04

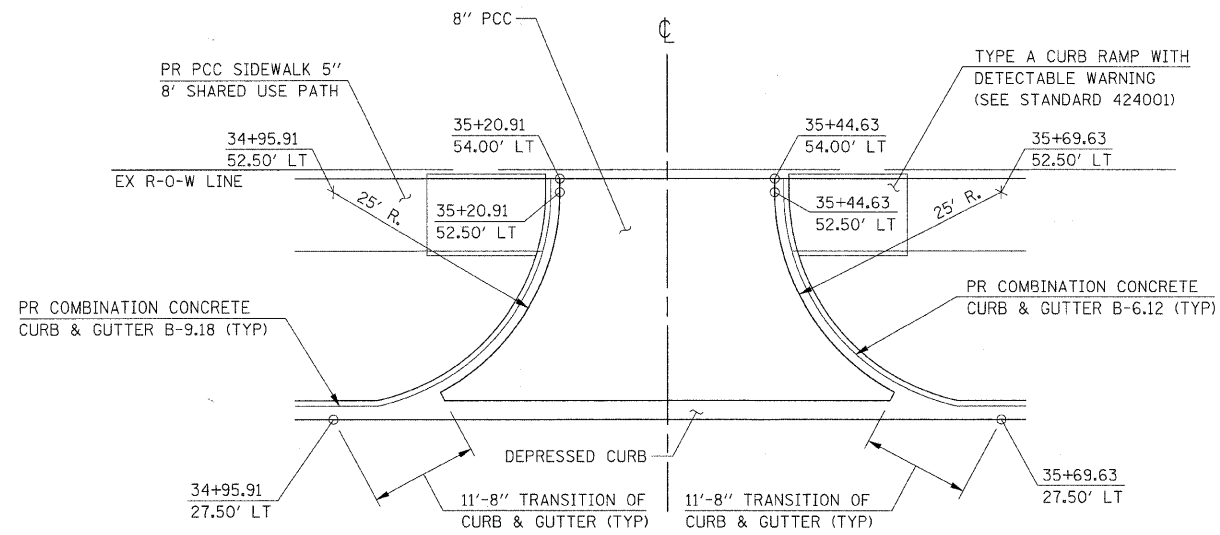
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		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

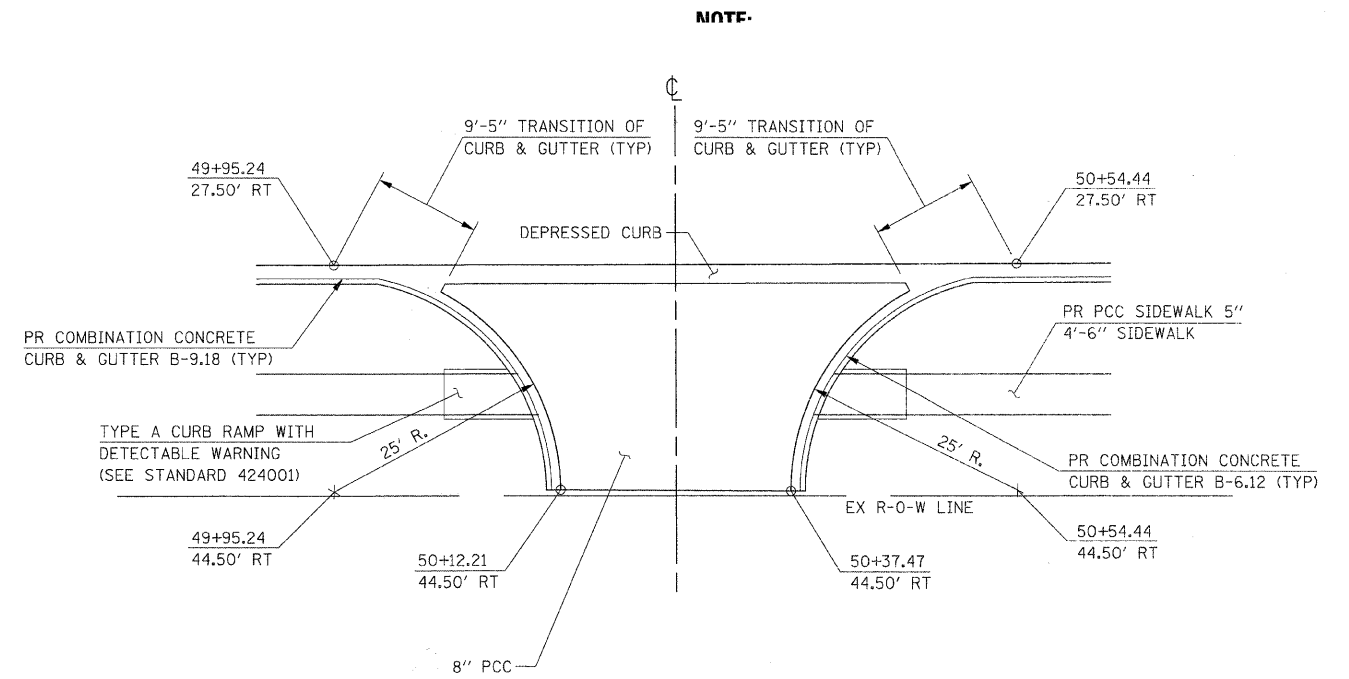
ENTRANCE DETAILS

SCALE: 1" = 10' SHEET NO. OF SHEETS STA. TO STA.

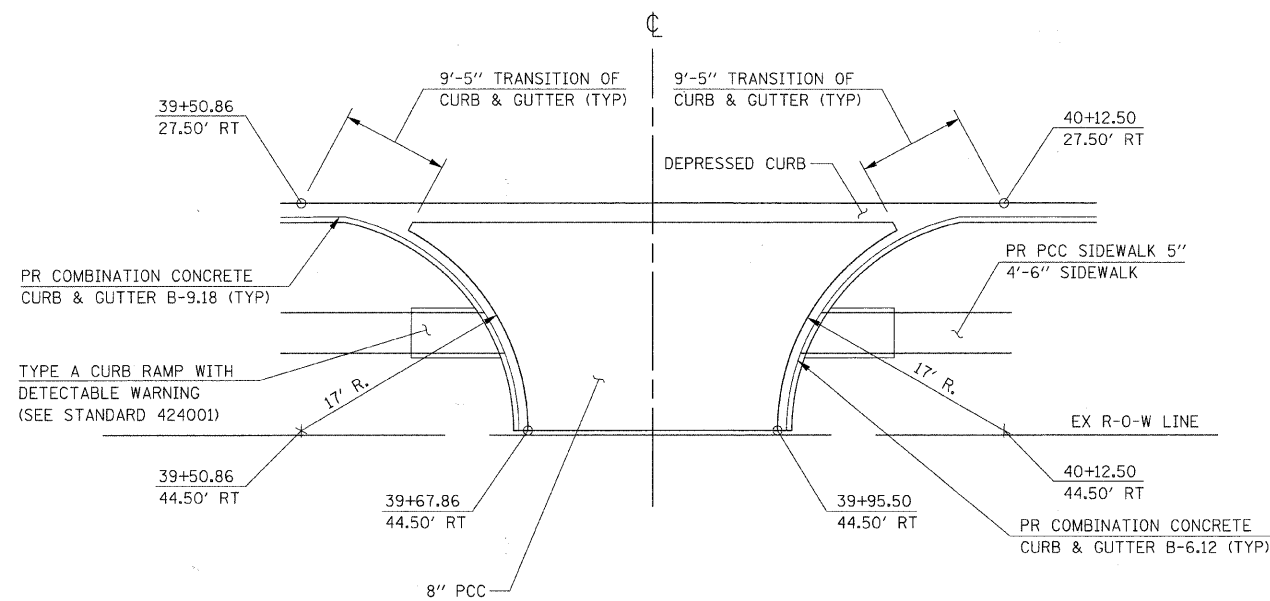
F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	175
			CONTRACT NO. 63503	
ILLINOIS FED. AID PROJECT				



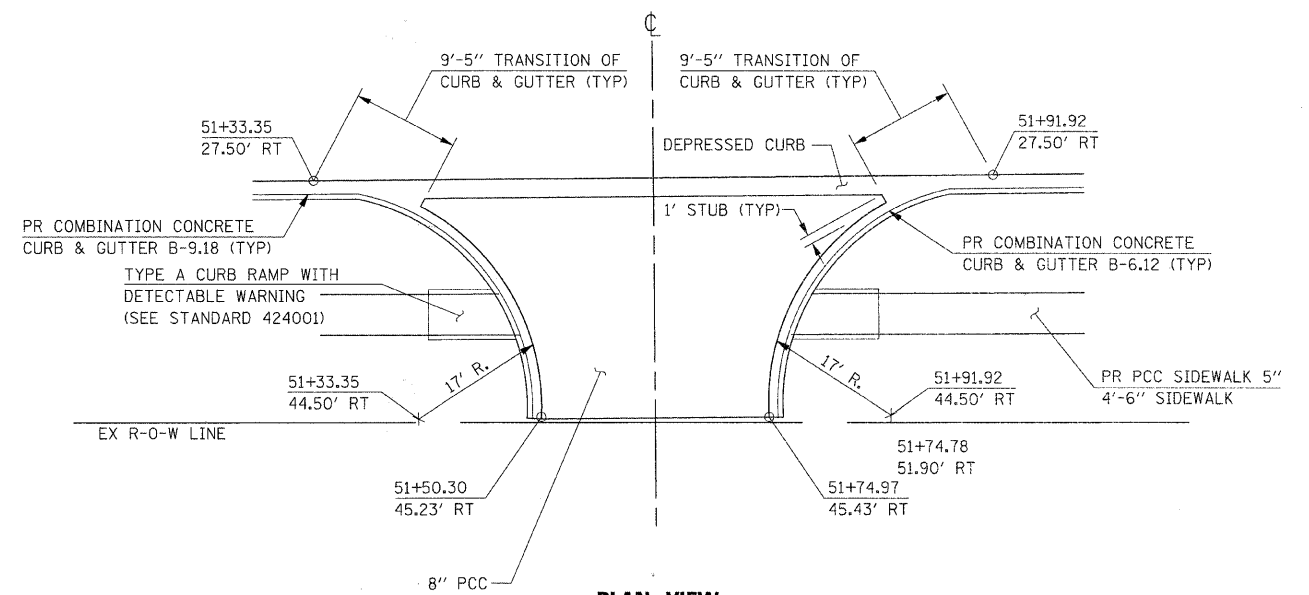
PLAN VIEW
CE LT STA. 35+33



PLAN VIEW
CE RT STA. 50+25



PLAN VIEW
CE RT STA. 39+82



PLAN VIEW
CE RT STA. 51+62

FILE NAME = G:\S09021\CADD_Sheets\9021EDET02.dgn

USER NAME = IE Consultants

DESIGNED -

REVISED -

PLOT SCALE = 1/8" = 1' / IN.

DRAWN -

REVISED -

PLOT DATE = 10/22/2010

CHECKED -

REVISED -

DATE -

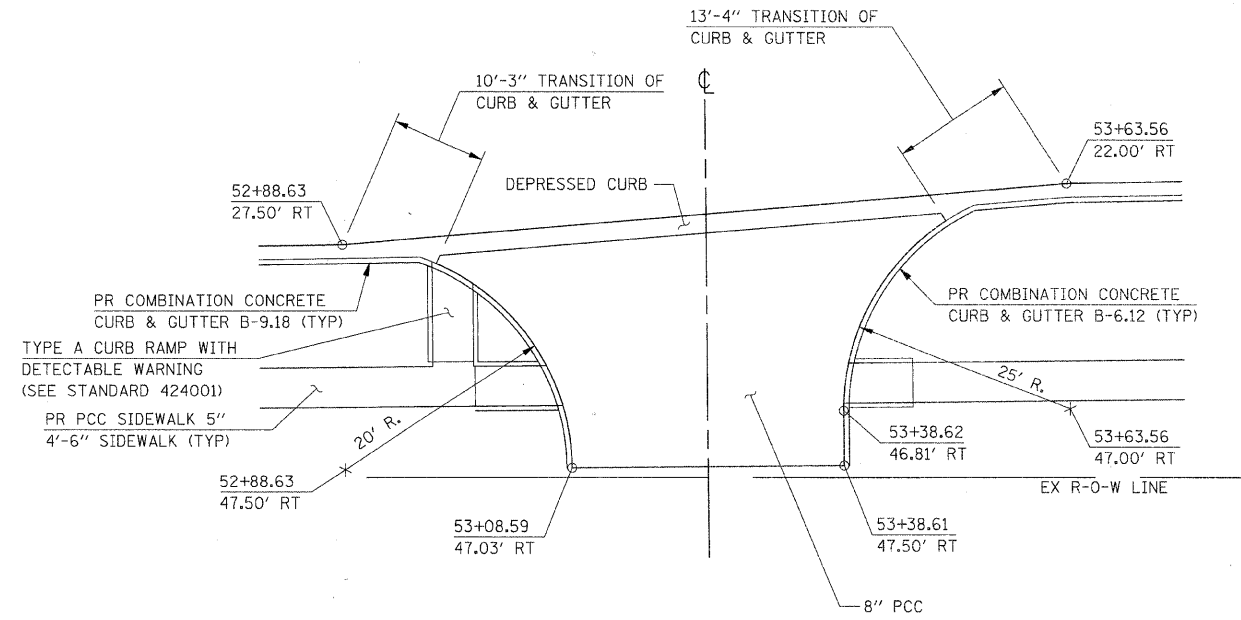
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

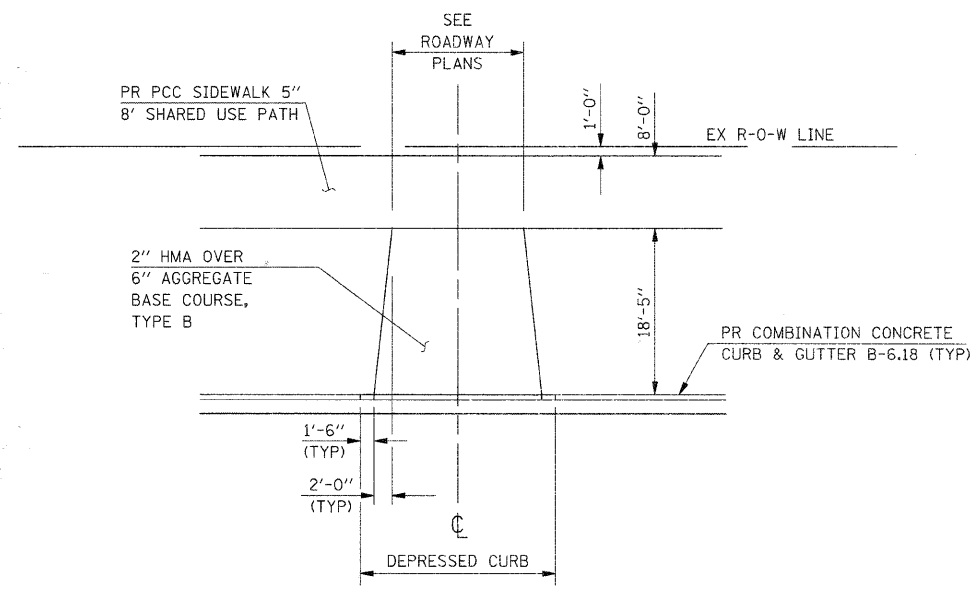
ENTRANCE DETAILS

SCALE: 1" = 10' SHEET NO. OF SHEETS STA. TO STA.

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	176
CONTRACT NO. 63503			ILLINOIS FED. AID PROJECT	



PLAN VIEW
CE RT STA. 53+24



TYPICAL PRIVATE
ENTRANCE DETAIL

- NOTES:**
- SEE CROSS SECTIONS FOR PAVEMENT GRADE.
 - REPLACE SURFACE IN KIND BEYOND LIMITS OF PROPOSED CONCRETE SHARED USE PATH AS NEEDED WITHIN R-O-W OR EASEMENT LIMITS.

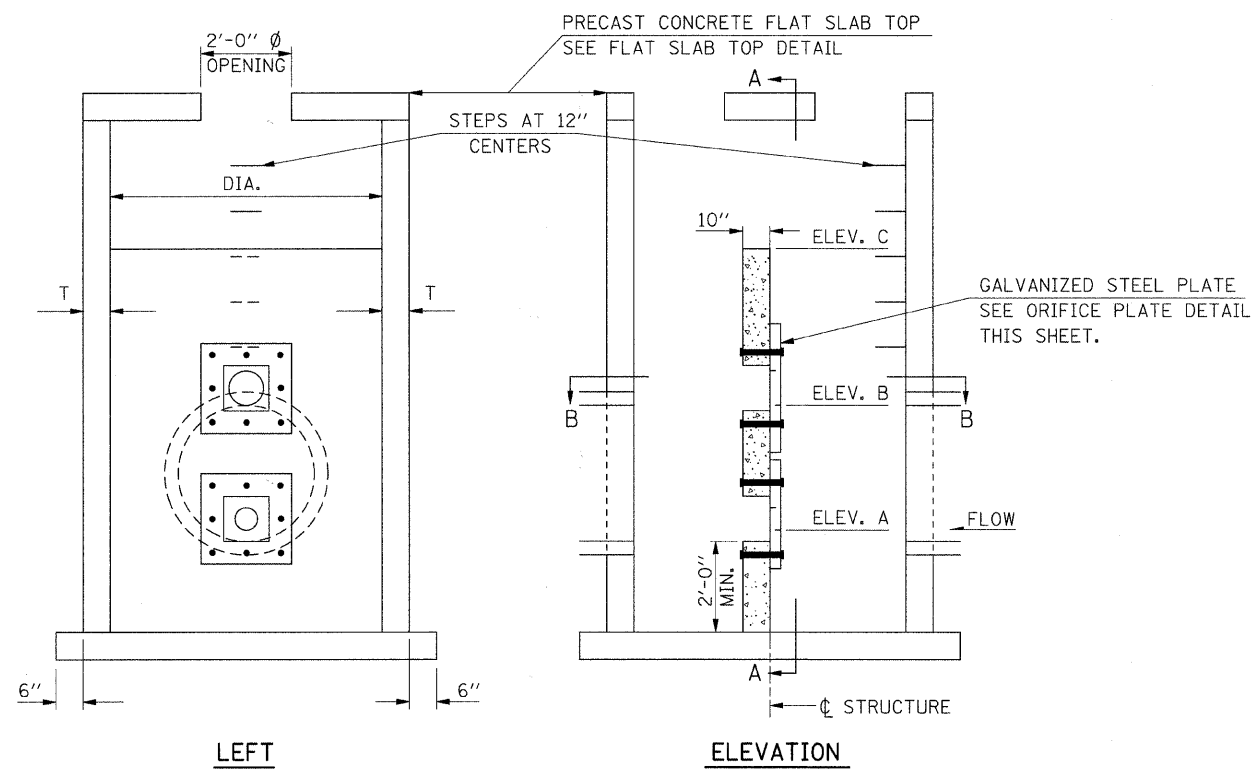
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		DATE -	REVISED -
PLOT SCALE = 1/8" = 1' / IN.			
PLOT DATE = 10/22/2010			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

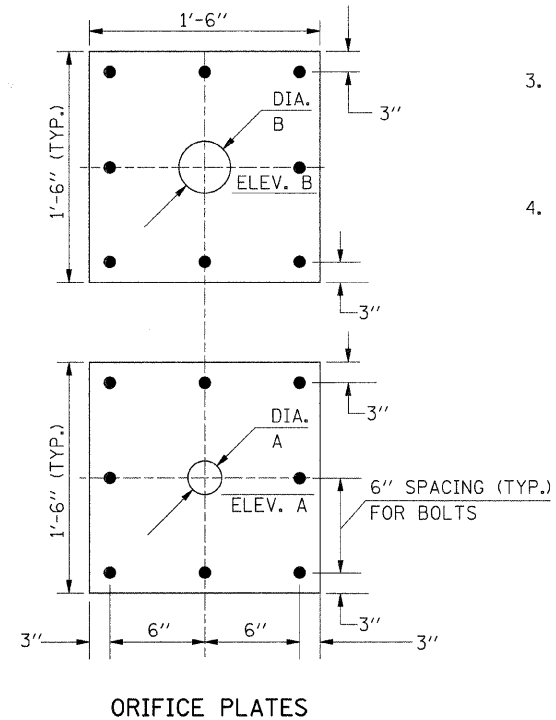
ENTRANCE DETAILS

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	177
CONTRACT NO. 63503			ILLINOIS FED. AID PROJECT	



**MANHOLES, WITH RESTRICTOR PLATE
(OUTLET STRUCTURE)**

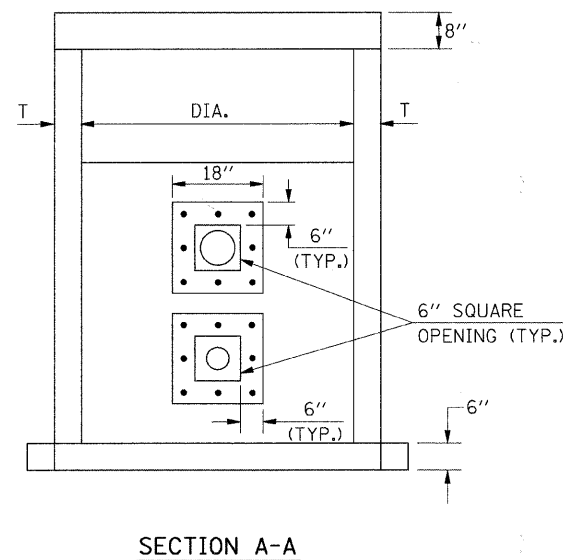


THE THICKNESS OF THE GALVANIZED STEEL PLATES SHALL BE $\frac{3}{8}$ ". $\frac{5}{8}$ " x 12" GALVANIZED STEEL BOLTS, NUTS AND WASHERS SHALL BE USED.

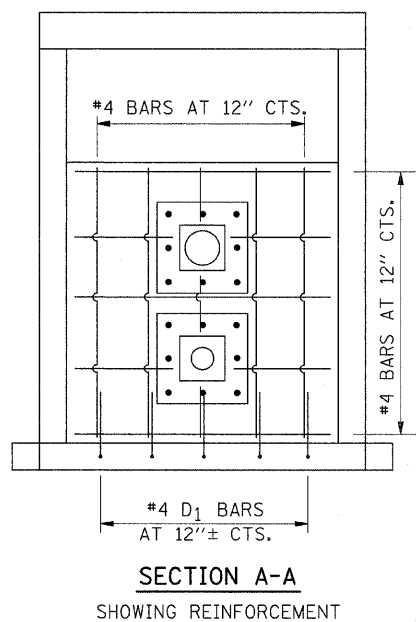
1. ALL FRAMES, GRATES AND COVERS SHALL CONFORM TO THE REQUIREMENTS OF THE STANDARD SPECIFICATION FOR GRAY IRON CASTINGS, OR FOR DUCTILE IRON CASTINGS.
2. THE CONTRACT UNIT PRICE PER EACH FOR MANHOLES, WITH RESTRICTOR PLATE, SHALL INCLUDE ALL EXCAVATION, BACKFILL, CONCRETE, REINFORCEMENT, FRAMES, GRATES, ORIFICE PLATES, STEPS, AND INCIDENTALS REQUIRED FOR CONSTRUCTION.
3. PRECAST CONCRETE UNITS FOR MANHOLES, WITH RESTRICTOR PLATE WILL BE ACCEPTABLE PROVIDING THEY MEET ALL THE REQUIREMENTS SHOWN ON THIS DRAWING. BASE EXTENSION OF 6" NOT REQUIRED FOR PRECAST UNITS. FABRICATION DRAWING SHOWING PIPE OPENINGS AND OTHER PERTINENT DIMENSIONS WILL BE REQUIRED FOR EACH UNIT.
4. CONCRETE MASONRY UNIT SHALL BE A CYLINDER OF THE REQUIRED RADIUS.

STRUCT. STA.	DIA.	ANGLE	ELEV. A	ELEV. B	ELEV. C	DIA. A	DIA. B
30+20	6'	110°	655.75	657.50	659.75	1.25"	2.25"
35+50	6'	110°	659.45	661.60	665.50	1.18"	1.93"
43+05	6'	110°	664.55	666.50	670.00	1.21"	2.00"
79+93.5	6'	50°	658.00	659.50	662.00	0.53"	0.90"

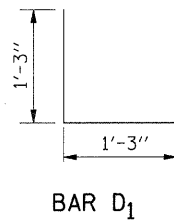
NOTE: PAID FOR AS "MANHOLES, WITH RESTRICTOR PLATE".



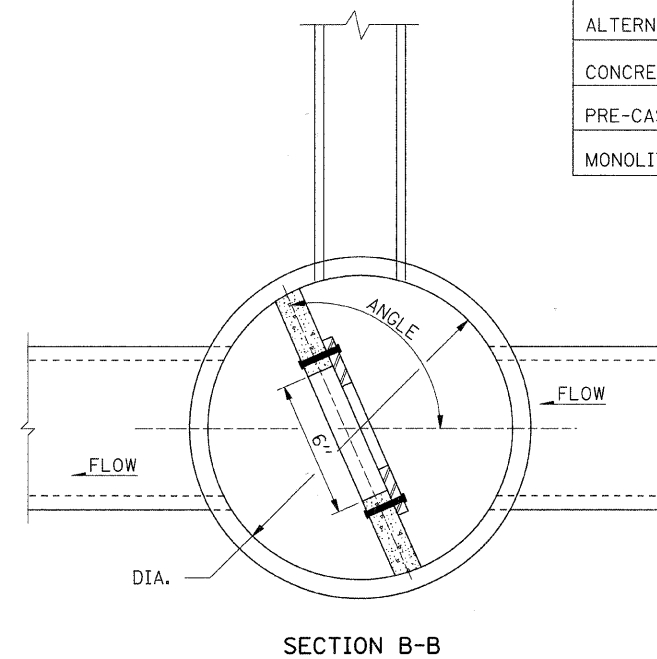
SECTION A-A



**SECTION A-A
SHOWING REINFORCEMENT**



BAR D1

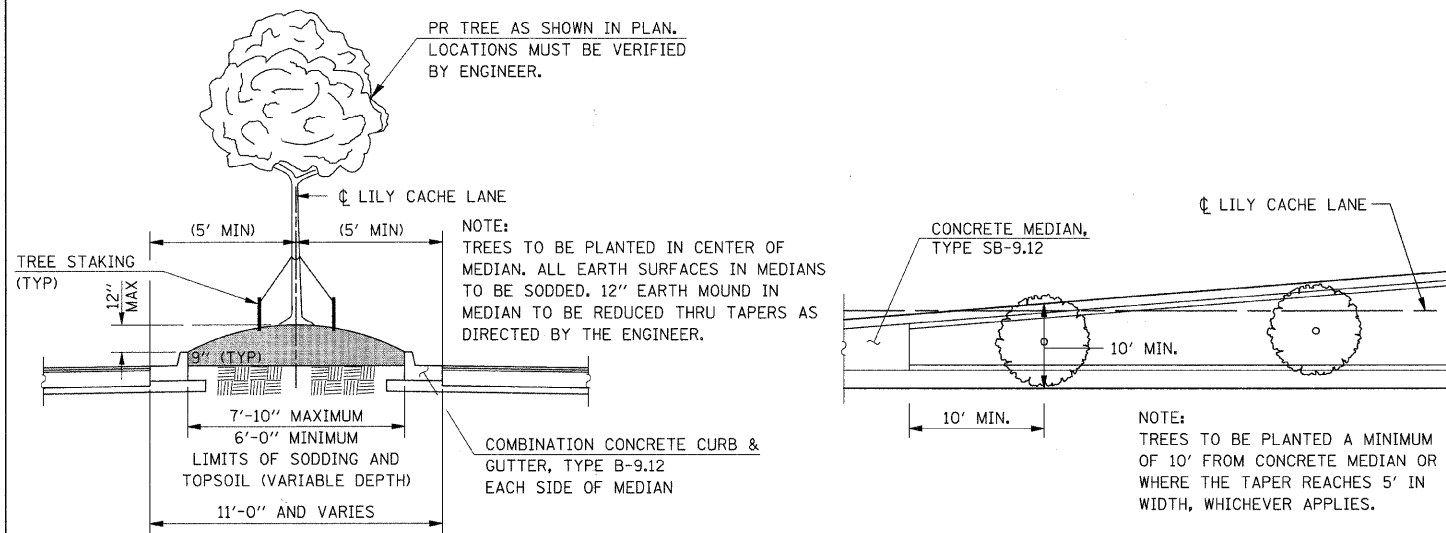


SECTION B-B

ALTERNATE MATERIALS FOR WALLS	T (MIN.)
CONCRETE MASONRY UNITS	5"
PRE-CAST REINFORCED CONCRETE RISERS	5"
MONOLITHIC CONCRETE	6"

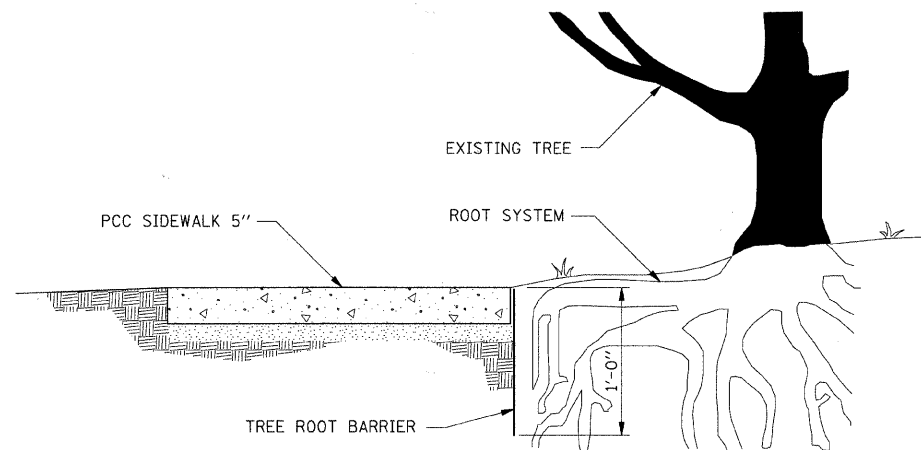
GENERAL NOTES FOR TREE PLANTING AND LANDSCAPING

- ① NO LANDSCAPING SHALL TAKE PLACE UNTIL ALL MAJOR PAVING ACTIVITIES AND ELECTRICAL CONDUIT INSTALLATIONS HAVE BEEN COMPLETED. COORDINATE LOCATION OF THE TREE PLANTINGS WITH ALL UNDERGROUND WORK BEFORE COMMENCEMENT OF WORK.
- ② ALL LANDSCAPE MATERIALS AND PLANTING PROCEDURES SHALL BE IN ACCORDANCE WITH THE APPLICABLE REQUIREMENTS OF SECTIONS 201, 211 AND 250 THROUGH 254 OF THE STANDARD SPECIFICATIONS, AND SHALL ALSO BE IN COMPLIANCE WITH SECTION 30-415 OF THE VILLAGE OF BOLINGBROOK DEVELOPMENT CODE.
- ③ TREE DESIGNATION SYMBOLS.
 - Ⓐ TREE, GLEDITSIA TRIACANTHOS INERMIS (THORNLESS COMMON HONEYLOCUST), 2 1/2" CALIPER, BALLED AND BURLAPPED
 - Ⓑ TREE, ULMUS PATRIOT (PATRIOT ELM) 2" CALIPER, BALLED AND BURLAPPED
 - Ⓒ TREE, QUERCUS ALBA (WHITE OAK), 2 1/2" CALIPER, BALLED AND BURLAPPED
 - Ⓓ TREE, GINKGO BILOBA AUTUMN GOLD (AUTUMN GOLD GINKGO), 2 1/2" CALIPER BALLED AND BURLAPPED
 - REL TRANSPLANTED SALVAGED TREES SHALL BE RELOCATED OFFSITE AS DIRECTED BY THE ENGINEER



TREE PLANTING DETAIL (SECTION)

PLAN - TREE PLANTING DETAIL



ROOT BARRIER DETAIL

(SEE SCHEDULE OF QUANTITIES FOR LOCATIONS)

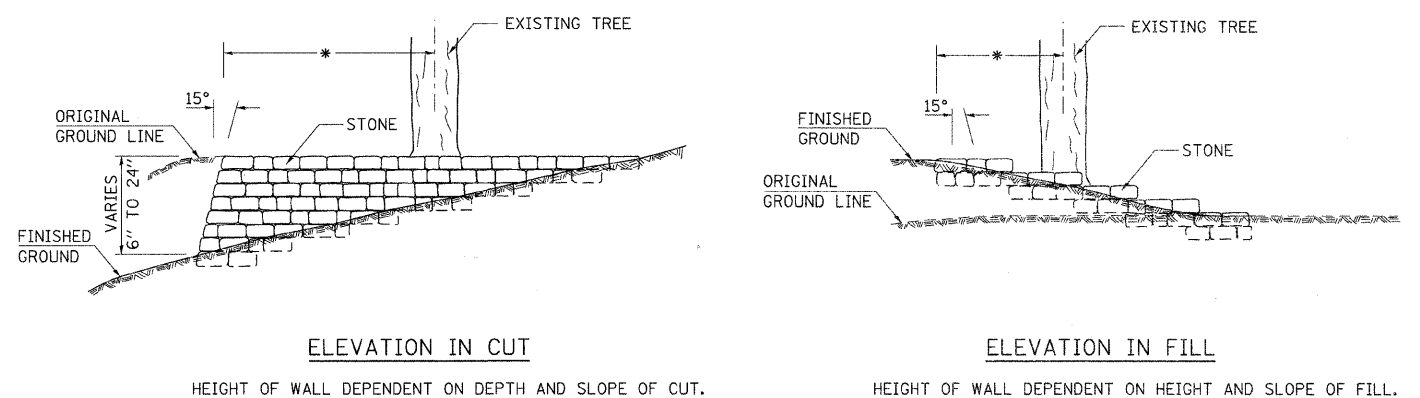
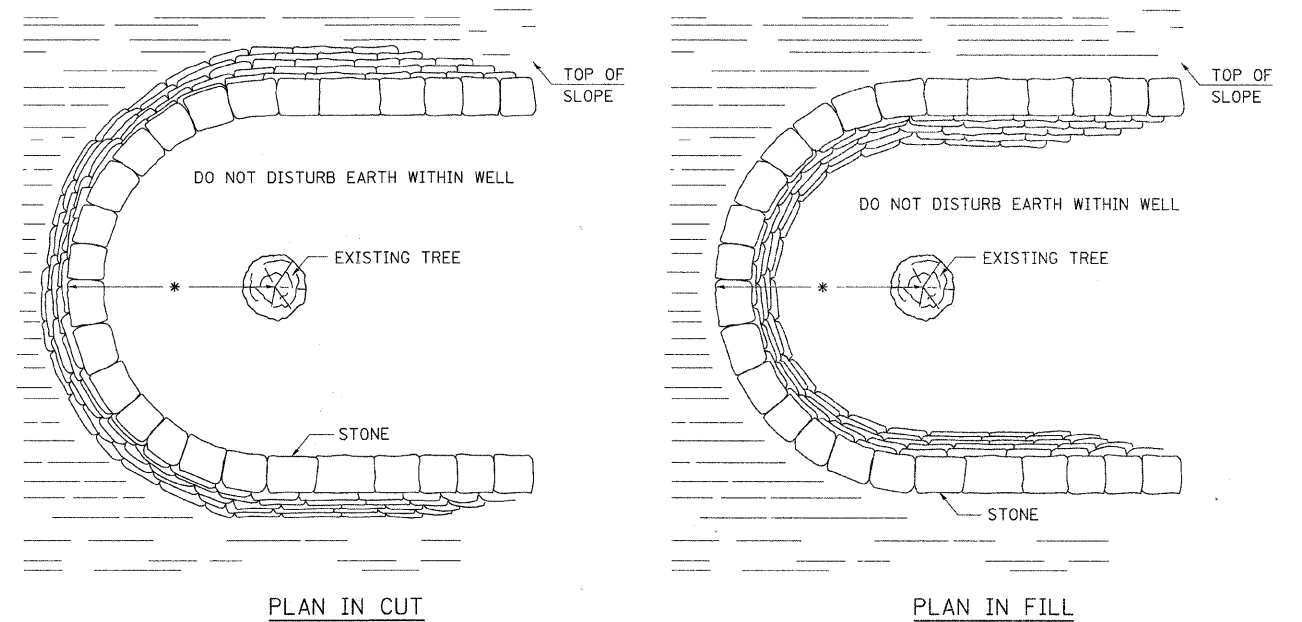
NOTES:

THE MINIMUM SIZE OF RUBBLE STONE USED IN THE CONSTRUCTION OF THE TREE WELL SHALL BE 4 IN THICKNESS AND 6 IN LENGTH AND WIDTH. FOR PAYMENT PURPOSES THE HORIZONTAL THICKNESS OF THE STONE SHALL BE CONSIDERED AS 12 IN.

THESE TREE WELLS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR "RUBBLE STONE TREE WELLS" WHICH PRICE SHALL INCLUDE THE FURNISHING AND PLACING OF ALL MATERIALS REQUIRED TO COMPLETE INSTALLATION.

SPECIAL CARE SHALL BE TAKEN BY THE CONTRACTOR NOT TO DISTURB THE EARTH OR THE ROOTS WITHIN THE PROPOSED TREE WELL.

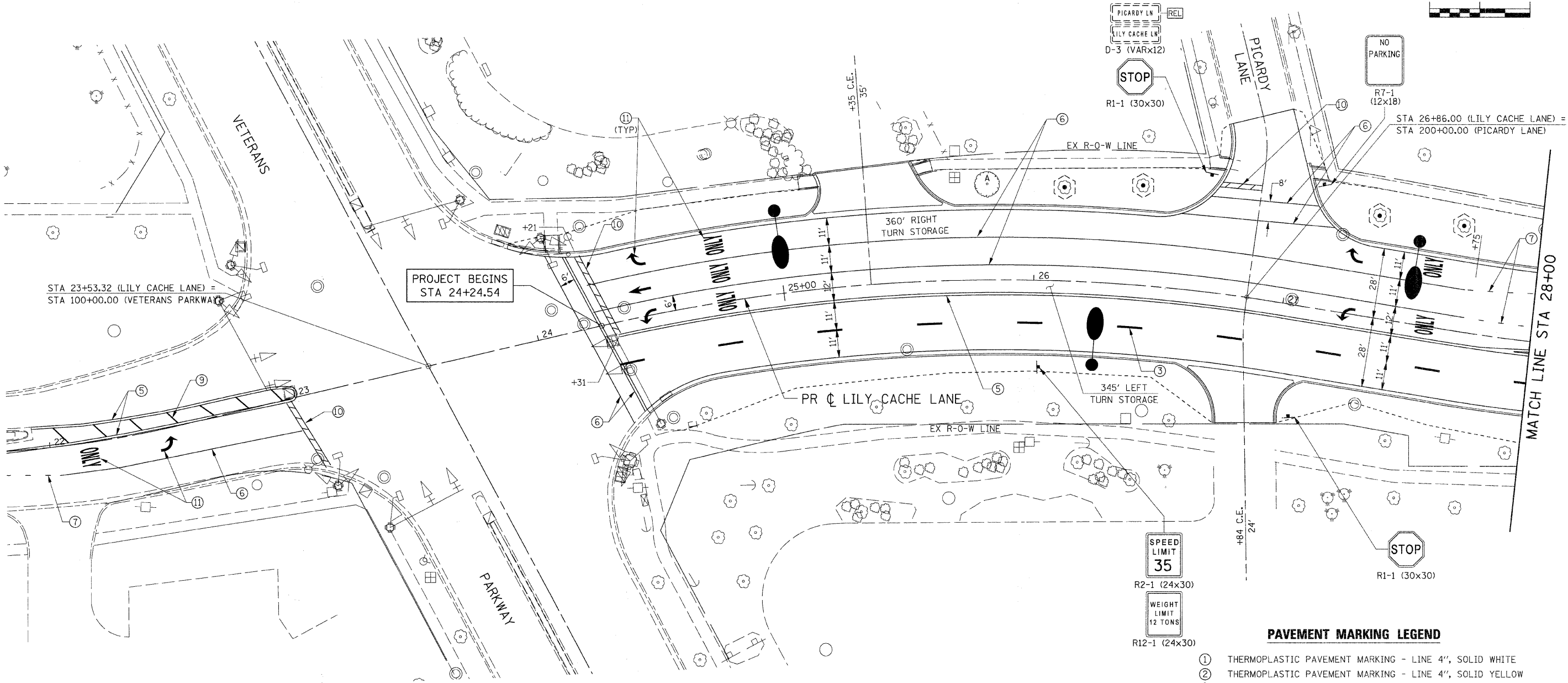
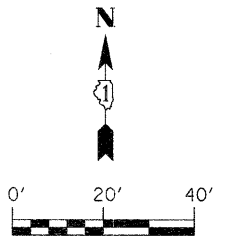
SEE SCHEDULE OF QUANTITIES FOR LOCATIONS.



* THE RADIUS OF THE TREE WELL SHALL BE DETERMINED BY MULTIPLYING 6 BY THE DIAMETER OF THE TREE, WITH A MAXIMUM OF A 12' RADIUS.

RUBBLE STONE TREE WELL

FILE NAME = G:\S09021\CADD_Sheets\9021LGN01.dgn	USER NAME = IE Consultants	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LANDSCAPING GENERAL NOTES AND TREE PLANTING DETAILS	F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 20,000 FT / IN.	DRAWN -	REVISED -			1578	06-00046-01-PV	WILL	244	179	
	PLOT DATE = 10/22/2010	CHECKED -	REVISED -			CONTRACT NO. 63503					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE: NONE	SHEET NO.	OF	SHEETS	STA.	TO STA.	



STA 23+53.32 (LILY CACHE LANE) =
STA 100+00.00 (VETERANS PARKWAY)

PROJECT BEGINS
STA 24+24.54

STA 26+86.00 (LILY CACHE LANE) =
STA 200+00.00 (PICARDY LANE)

MATCH LINE STA 28+00

LANDSCAPING LEGEND

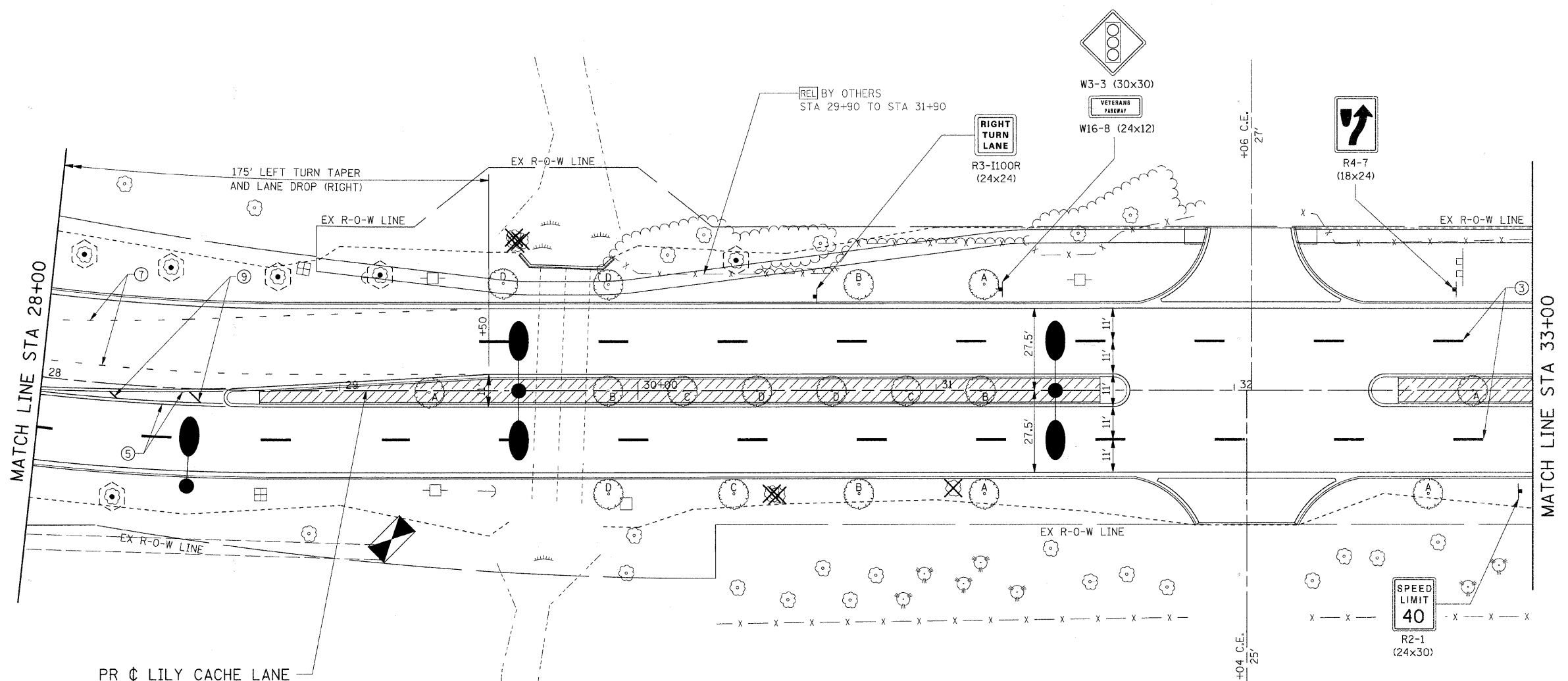
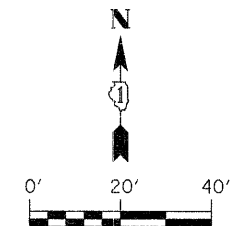
- INDICATES PROPOSED SODDING AREAS
- PROPOSED TREES
SEE "GENERAL NOTES FOR TREE PLANTING AND LANDSCAPING" FOR APPROVED TREES AND INSTRUCTIONS.
- EXISTING TREES
INDICATES TEMPORARY FENCE (SEE TREE SCHEDULE FOR ADDITIONAL WORK)
- INDICATES TRANSPLANTED SALVAGED TREES
- INDICATES TREE REMOVAL

PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4", SOLID WHITE
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4", SOLID YELLOW
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4", WHITE SKIP-DASH (10' LINE - 30' SKIP) (TYP)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4", YELLOW SKIP-DASH (10' LINE - 30' SKIP) (TYP)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4", DOUBLE SOLID YELLOW
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 6", SOLID WHITE
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' LINE - 6' SKIP) (TYP)
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12", SOLID WHITE
- ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 12", SOLID YELLOW
- ⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 24", SOLID WHITE
- ⑪ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (8' TYP)

NOTE:
ALL NEW SIGNS AND EXISTING SIGNS SHOWN TO BE RELOCATED SHALL BE PLACED IN THEIR PERMANENT LOCATIONS AS DIRECTED BY THE ENGINEER.

FILE NAME = G:\S092021\CADD_Sheets\9021FS01.dgn	USER NAME = IE Consultants	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LILY CACHE LANE SIGNING, PAVEMENT MARKING & LANDSCAPING PLAN				F.A.U. 1578	SECTION 06-00046-01-PV	COUNTY WILL	TOTAL SHEETS 244	SHEET NO. 180
PLOT SCALE = 20.0000' / IN.	DRAWN -	CHECKED -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA.	24+24.54 STA. 28+00	ILLINOIS FED. AID PROJECT				
PLOT DATE = 10/22/2010	DATE -	REVISOR -	REVISOR -		CONTRACT NO. 63503								



PR \downarrow LILY CACHE LANE

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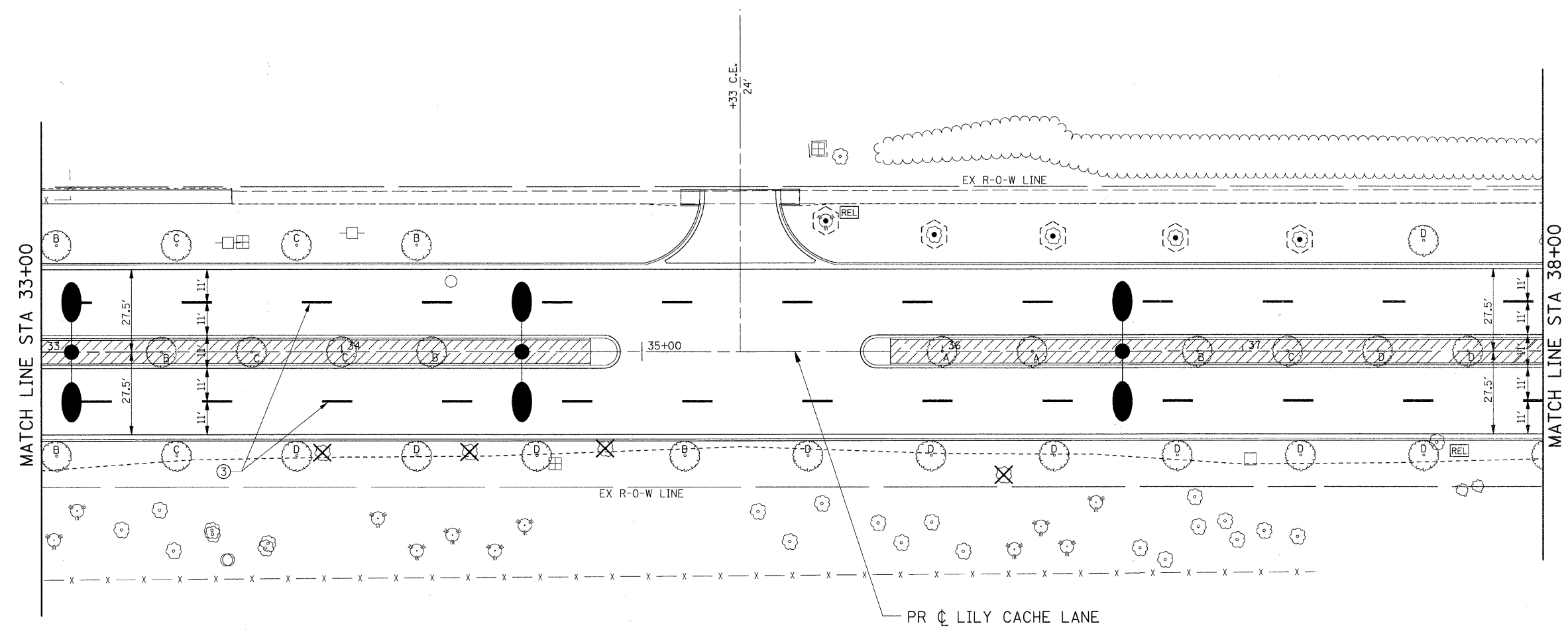
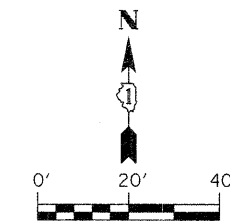
LANDSCAPING LEGEND

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- INDICATES TREE REMOVAL

PAVEMENT MARKING LEGEND

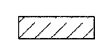




- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4", SOLID WHITE
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4", SOLID YELLOW
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- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' LINE - 6' SKIP) (TYP)
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- ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 12", SOLID YELLOW
- ⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 24", SOLID WHITE
- ⑪ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (8' TYP)

FILE NAME = G:\S09021\CADD_Sheets\9021FS02.dgn	USER NAME = IE Consultants	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LILY CACHE LANE SIGNING, PAVEMENT MARKING & LANDSCAPING PLAN			F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISD -		SCALE:	SHEET NO.	OF	SHEETS	1578	06-00046-01-PV	WILL	244	181
		CHECKED -	REVISD -		STA. 28+00	TO STA. 33+00		CONTRACT NO. 63503					
		DATE -	REVISD -		ILLINOIS FED. AID PROJECT								



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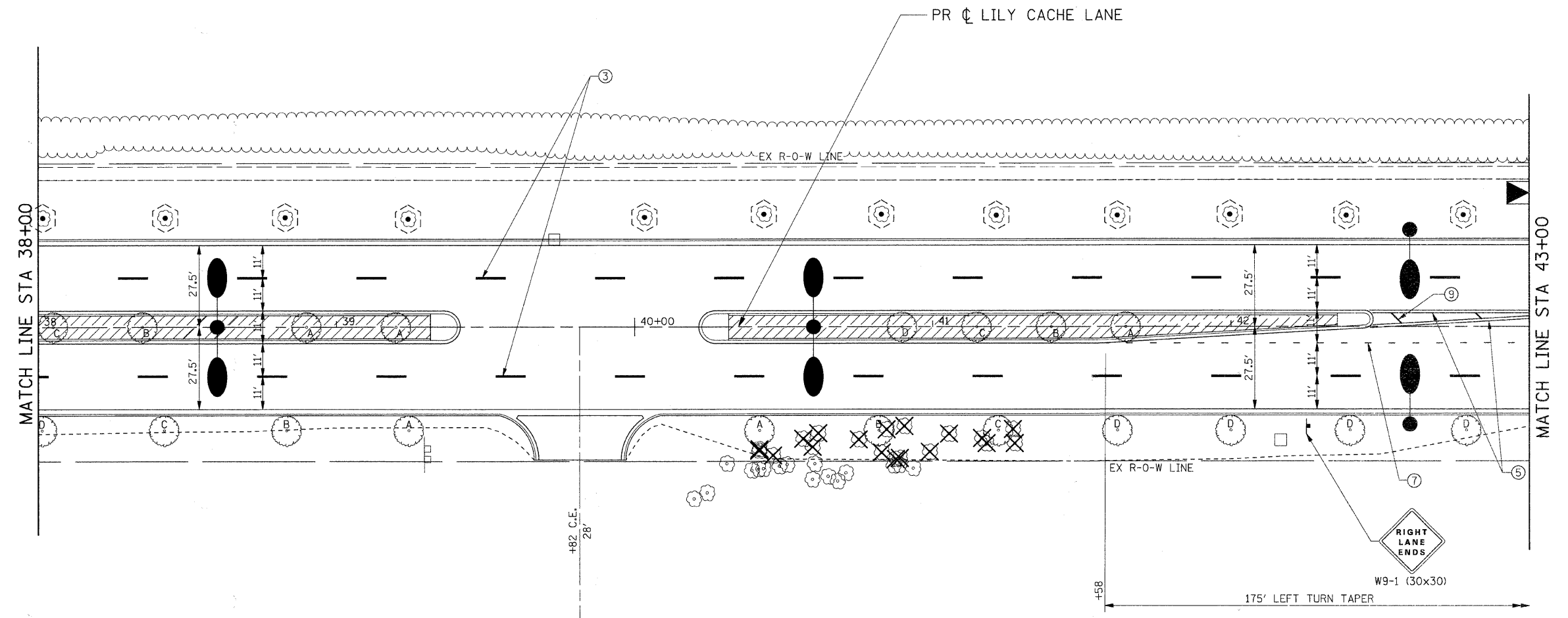
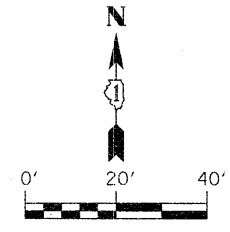
LANDSCAPING LEGEND

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- ⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 24", SOLID WHITE
- ⑪ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (8' TYP)

FILE NAME = G:\S09021\CADD_Sheets\9021FS03.dgn	USER NAME = IE Consultants	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LILY CACHE LANE SIGNING, PAVEMENT MARKING & LANDSCAPING PLAN			F.A.I.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 20,000' / IN.	DRAWN -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA. 33+00	TO STA. 38+00	1578	06-00046-01-PV	WILL
PLOT DATE = 10/22/2010	DATE -	CHECKED -	REVISED -				CONTRACT NO. 63503			ILLINOIS FED. AID PROJECT		

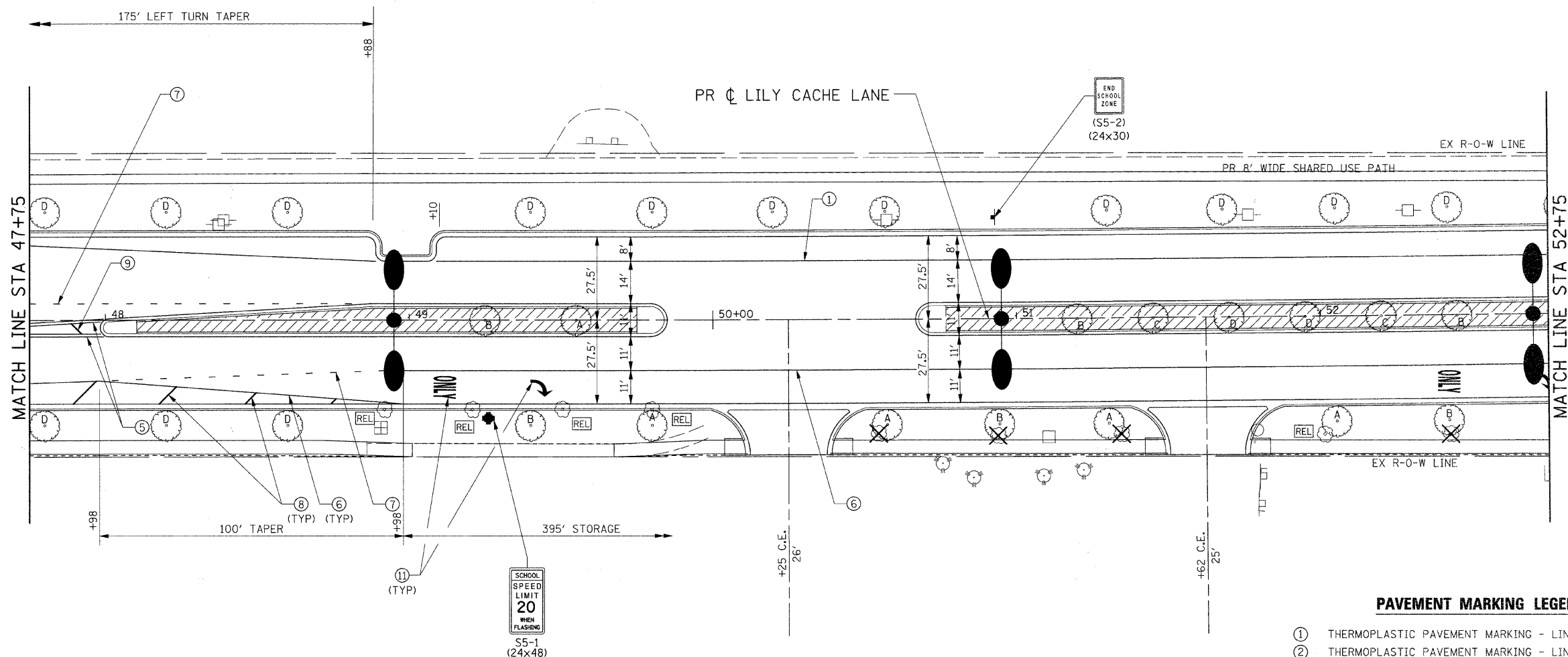
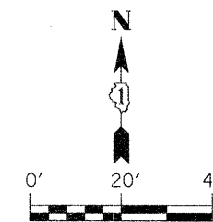


NOTE:
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- LANDSCAPING LEGEND**
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 - ⑪ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (8' TYP)

FILE NAME = G:\S09021\CADD_Sheets\9021FS04.dgn	USER NAME = IE Consultants	DESIGNED -	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LILY CACHE LANE SIGNING, PAVEMENT MARKING & LANDSCAPING PLAN			F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISIONS -		SCALE:	SHEET NO. OF SHEETS	STA. 38+00 TO STA. 43+00	1578	06-00046-01-PV	WILL	244	183
		CHECKED -	REVISIONS -		CONTRACT NO. 63503							
		DATE -	REVISIONS -		ILLINOIS FED. AID PROJECT							



NOTE:
ALL NEW SIGNS AND EXISTING SIGNS SHOWN TO BE RELOCATED SHALL BE PLACED IN THEIR PERMANENT LOCATIONS AS DIRECTED BY THE ENGINEER.

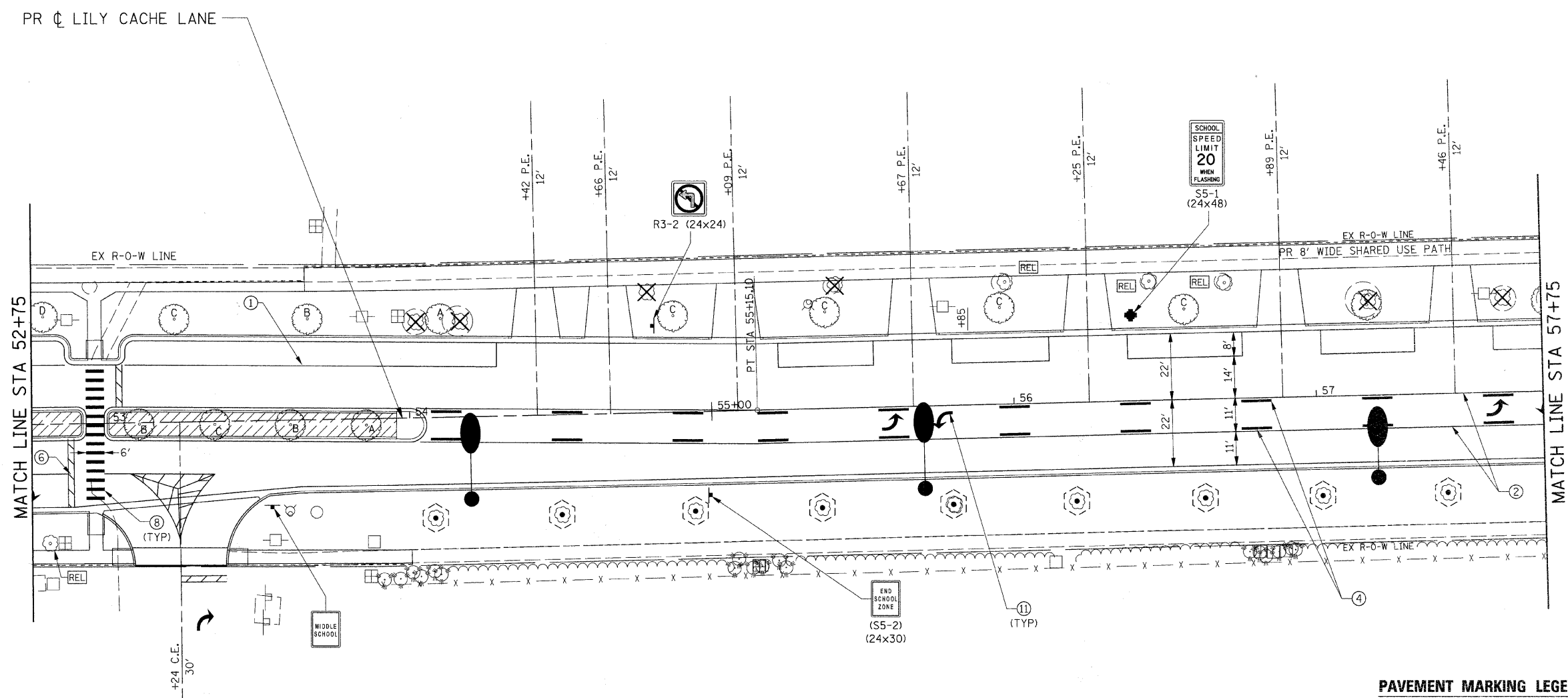
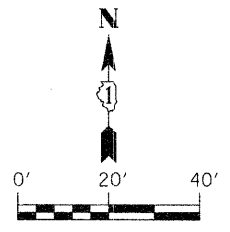
LANDSCAPING LEGEND

- INDICATES PROPOSED SODDING AREAS
- PROPOSED TREES
SEE "GENERAL NOTES FOR TREE PLANTING AND LANDSCAPING" FOR APPROVED TREES AND INSTRUCTIONS.
- EXISTING TREES
INDICATES TEMPORARY FENCE (SEE TREE SCHEDULE FOR ADDITIONAL WORK)
- INDICATES TRANSPLANTED SALVAGED TREES
- INDICATES TREE REMOVAL

PAVEMENT MARKING LEGEND

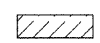




- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4", SOLID WHITE
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4", SOLID YELLOW
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4", WHITE SKIP-DASH (10' LINE - 30' SKIP) (TYP)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4", YELLOW SKIP-DASH (10' LINE - 30' SKIP) (TYP)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4", DOUBLE SOLID YELLOW
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 6", SOLID WHITE
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' LINE - 6' SKIP) (TYP)
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12", SOLID WHITE
- ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 12", SOLID YELLOW
- ⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 24", SOLID WHITE
- ⑪ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (8' TYP)

FILE NAME =	USER NAME = IE Consultants	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LILY CACHE LANE SIGNING, PAVEMENT MARKING & LANDSCAPING PLAN			F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
GA\S09021\CADD_Sheets\9021F506.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. 47+75 TO STA. 52+75	1578	06-00046-01-PV	WILL	244	185	
		PLOT SCALE = 20,000' / IN.	REVISED -										
		PLOT DATE = 10/22/2010	REVISED -										
								CONTRACT NO. 63503					
ILLINOIS FED. AID PROJECT													



NOTE:
 ALL NEW SIGNS AND EXISTING SIGNS SHOWN TO BE RELOCATED SHALL BE PLACED IN THEIR PERMANENT LOCATIONS AS DIRECTED BY THE ENGINEER.

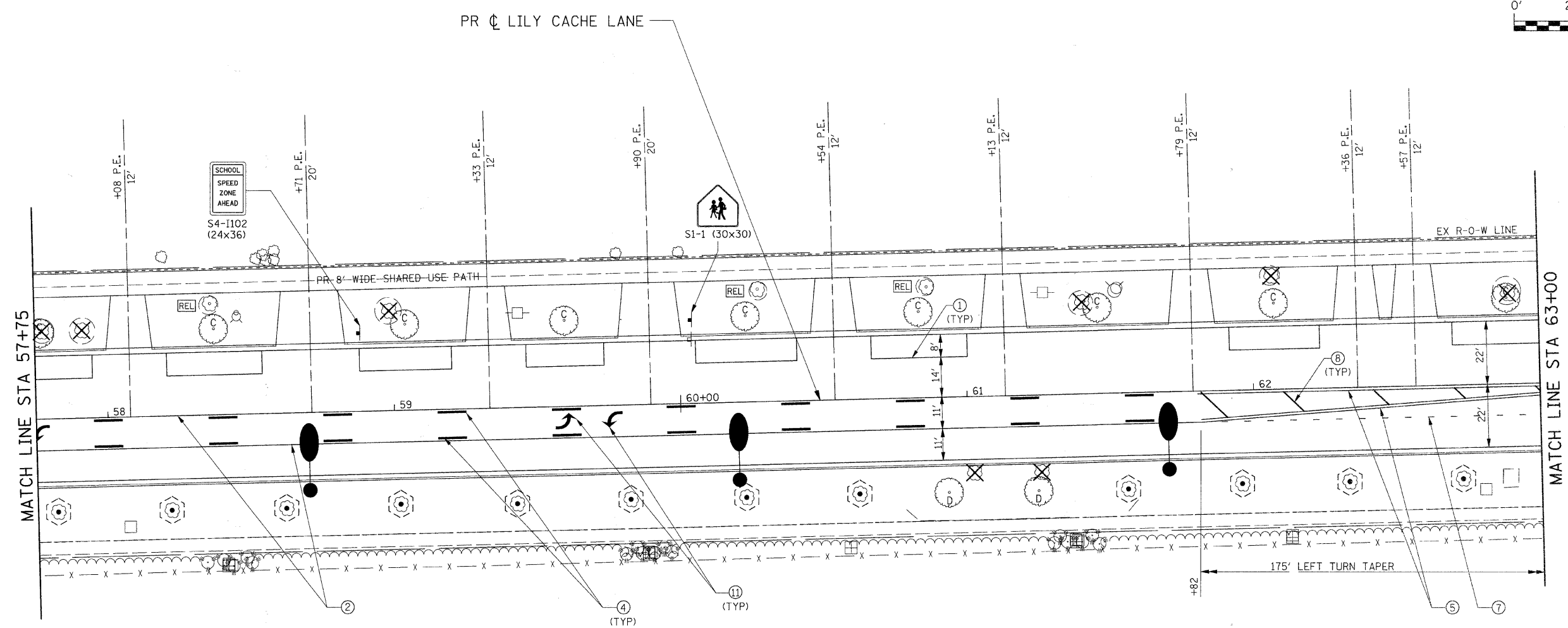
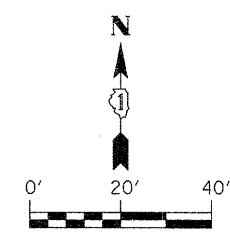
LANDSCAPING LEGEND

-  INDICATES PROPOSED SODDING AREAS
-  PROPOSED TREES
SEE "GENERAL NOTES FOR TREE PLANTING AND LANDSCAPING" FOR APPROVED TREES AND INSTRUCTIONS.
-  EXISTING TREES
INDICATES TEMPORARY FENCE (SEE TREE SCHEDULE FOR ADDITIONAL WORK)
-  INDICATES TRANSPLANTED SALVAGED TREES
-  INDICATES TREE REMOVAL

PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4", SOLID WHITE
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4", SOLID YELLOW
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4", WHITE SKIP-DASH (10' LINE - 30' SKIP) (TYP)
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- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' LINE - 6' SKIP) (TYP)
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12", SOLID WHITE
- ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 12", SOLID YELLOW
- ⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 24", SOLID WHITE
- ⑪ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (8' TYP)

FILE NAME = G:\S09021\CADD_Sheets\9021FS07.dgn	USER NAME = IE Consultants	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LILY CACHE LANE SIGNING, PAVEMENT MARKING & LANDSCAPING PLAN			F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 20.0000' / IN.	DRAWN -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA. 52+75	TO STA. 57+75	1578	06-00046-01-PV	WILL
PLOT DATE = 10/22/2010	DATE -	CHECKED -	REVISED -				CONTRACT NO. 63503			ILLINOIS FED. AID PROJECT		



NOTE:
ALL NEW SIGNS AND EXISTING SIGNS SHOWN TO BE RELOCATED SHALL BE PLACED IN THEIR PERMANENT LOCATIONS AS DIRECTED BY THE ENGINEER.

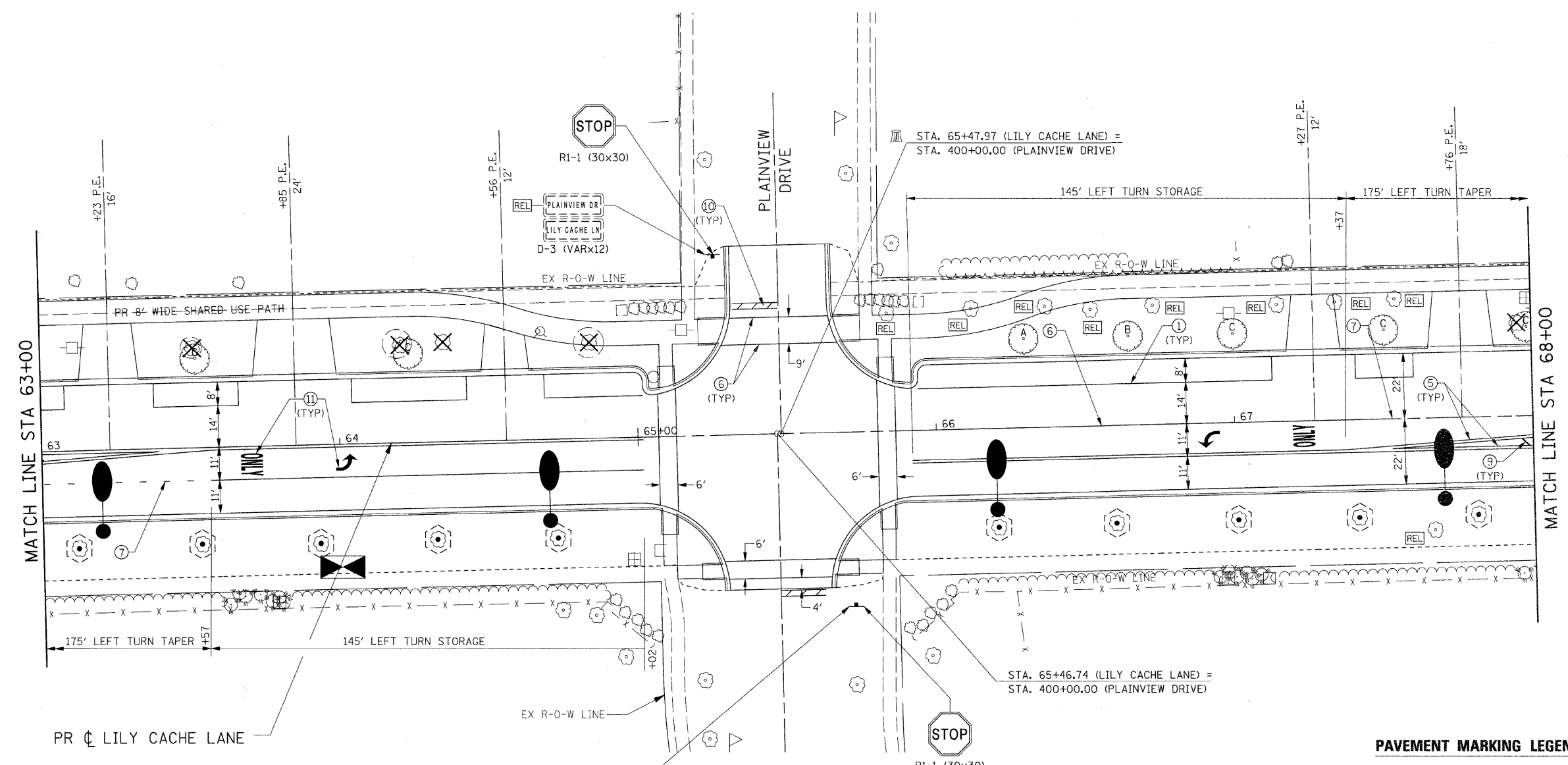
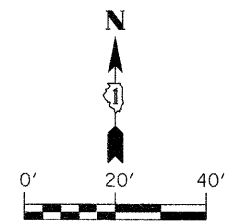
LANDSCAPING LEGEND

- INDICATES PROPOSED SODDING AREAS
- PROPOSED TREES
SEE "GENERAL NOTES FOR TREE PLANTING AND LANDSCAPING" FOR APPROVED TREES AND INSTRUCTIONS.
- EXISTING TREES
INDICATES TEMPORARY FENCE (SEE TREE SCHEDULE FOR ADDITIONAL WORK)
- INDICATES TRANSPLANTED SALVAGED TREES
- INDICATES TREE REMOVAL

PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4", SOLID WHITE
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4", SOLID YELLOW
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4", WHITE SKIP-DASH (10' LINE - 30' SKIP) (TYP)
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- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 6", SOLID WHITE
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' LINE - 6' SKIP) (TYP)
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12", SOLID WHITE
- ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 12", SOLID YELLOW
- ⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 24", SOLID WHITE
- ⑪ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (8' TYP)

FILE NAME = G:\S09021\CADD_Sheets\9021F908.dgn	USER NAME = IE Consultants	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LILY CACHE LANE SIGNING, PAVEMENT MARKING & LANDSCAPING PLAN				F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 20,0000' / IN.	CHECKED -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA. 57+75 TO STA. 63+00	1578	06-00046-01-PV	WILL	244	187
PLOT DATE = 10/22/2010	DATE -	REVISED -	REVISED -						ILLINOIS FED. AID PROJECT CONTRACT NO. 63503				



NOTE:
 ALL NEW SIGNS AND EXISTING SIGNS SHOWN TO BE RELOCATED SHALL BE PLACED IN THEIR PERMANENT LOCATIONS AS DIRECTED BY THE ENGINEER.

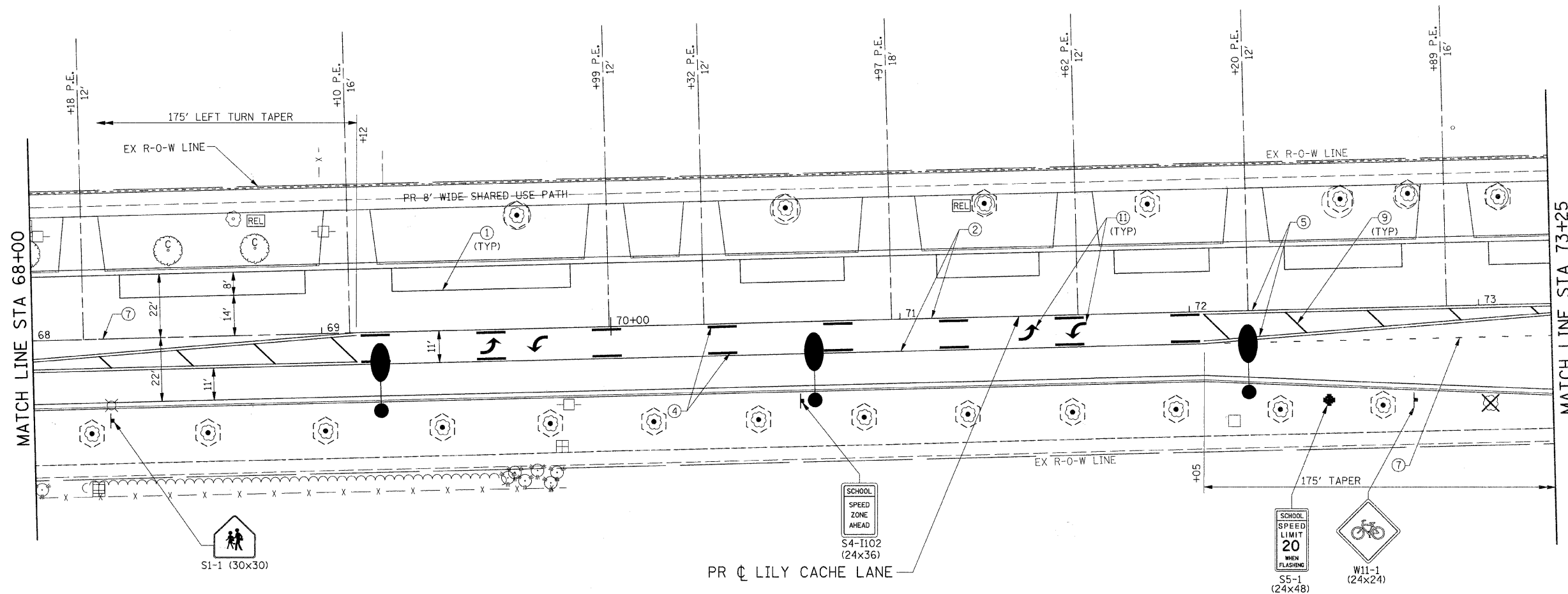
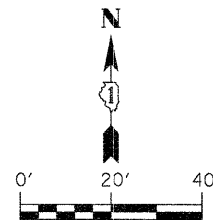
LANDSCAPING LEGEND

- INDICATES PROPOSED SODDING AREAS
- PROPOSED TREES
SEE "GENERAL NOTES FOR TREE PLANTING AND LANDSCAPING" FOR APPROVED TREES AND INSTRUCTIONS.
- EXISTING TREES
INDICATES TEMPORARY FENCE (SEE TREE SCHEDULE FOR ADDITIONAL WORK)
- INDICATES TRANSPLANTED SALVAGED TREES
- INDICATES TREE REMOVAL

PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4", SOLID WHITE
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4", SOLID YELLOW
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4", WHITE SKIP-DASH (10' LINE - 30' SKIP) (TYP)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4", YELLOW SKIP-DASH (10' LINE - 30' SKIP) (TYP)
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- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 6", SOLID WHITE
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' LINE - 6' SKIP) (TYP)
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- ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 12", SOLID YELLOW
- ⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 24", SOLID WHITE
- ⑪ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (8' TYP)

FILE NAME = G:\S09021\CADD_Sheets\9021FS09.dgn	USER NAME = IE Consultants	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LILY CACHE LANE SIGNING, PAVEMENT MARKING & LANDSCAPING PLAN			F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 20,0000' / IN.	DRAWN -	REVISED -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	1578	06-00046-01-PV	WILL	244	188
PLOT DATE = 10/22/2010	CHECKED -	REVISED -	REVISED -		STA. 63+00	TO STA. 68+00	CONTRACT NO. 63503					
	DATE -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							



NOTE:
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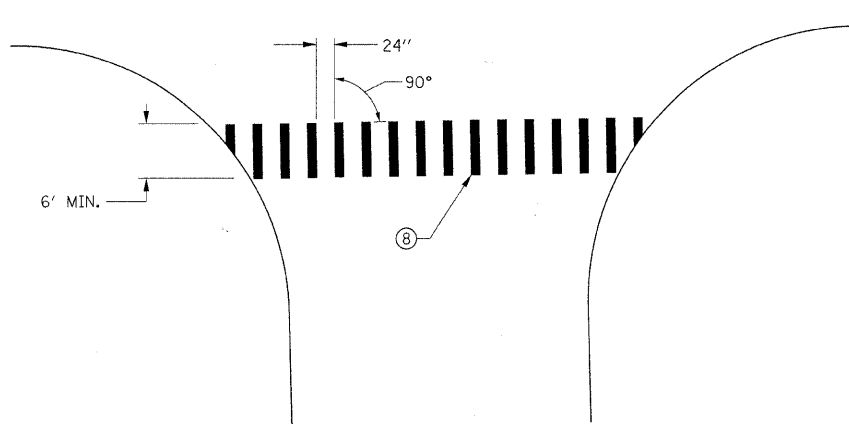
LANDSCAPING LEGEND

- INDICATES PROPOSED SODDING AREAS
- PROPOSED TREES
SEE "GENERAL NOTES FOR TREE PLANTING AND LANDSCAPING" FOR APPROVED TREES AND INSTRUCTIONS.
- EXISTING TREES
INDICATES TEMPORARY FENCE (SEE TREE SCHEDULE FOR ADDITIONAL WORK)
- INDICATES TRANSPLANTED SALVAGED TREES
- INDICATES TREE REMOVAL

PAVEMENT MARKING LEGEND

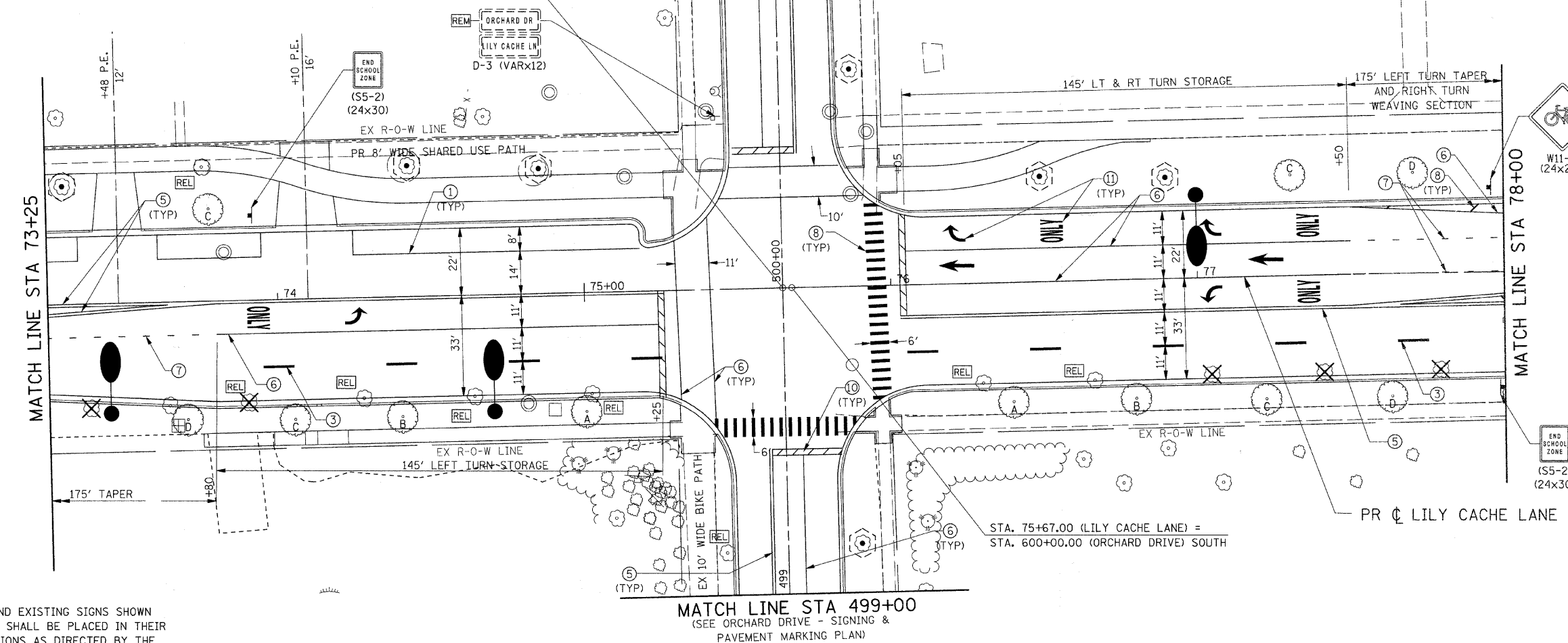
- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4", SOLID WHITE
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- ⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 24", SOLID WHITE
- ⑪ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (8' TYP)

FILE NAME = G:\S07021\CADD_Sheets\9021F510.dgn	USER NAME = IE Consultants	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LILY CACHE LANE SIGNING, PAVEMENT MARKING & LANDSCAPING PLAN			F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 20,0000' / IN.	DRAWN -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA. 68+00	TO STA. 73+25	WILL	244	189
PLOT DATE = 10/22/2010	DATE -	CHECKED -	REVISED -						CONTRACT NO. 63503			ILLINOIS FED. AID PROJECT



SCHOOL CROSSWALK DETAIL

STA. 75+64.75 (LILY CACHE LANE) =
STA. 500+00.00 (ORCHARD DRIVE) NORTH

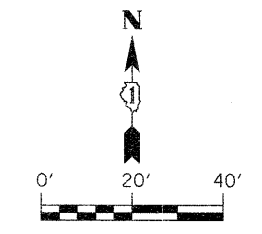


LANDSCAPING LEGEND

- INDICATES PROPOSED SODDING AREAS
- PROPOSED TREES
SEE "GENERAL NOTES FOR TREE PLANTING AND LANDSCAPING" FOR APPROVED TREES AND INSTRUCTIONS.
- EXISTING TREES
INDICATES TEMPORARY FENCE (SEE TREE SCHEDULE FOR ADDITIONAL WORK)
- REL INDICATES TRANSPLANTED SALVAGED TREES
- X INDICATES TREE REMOVAL

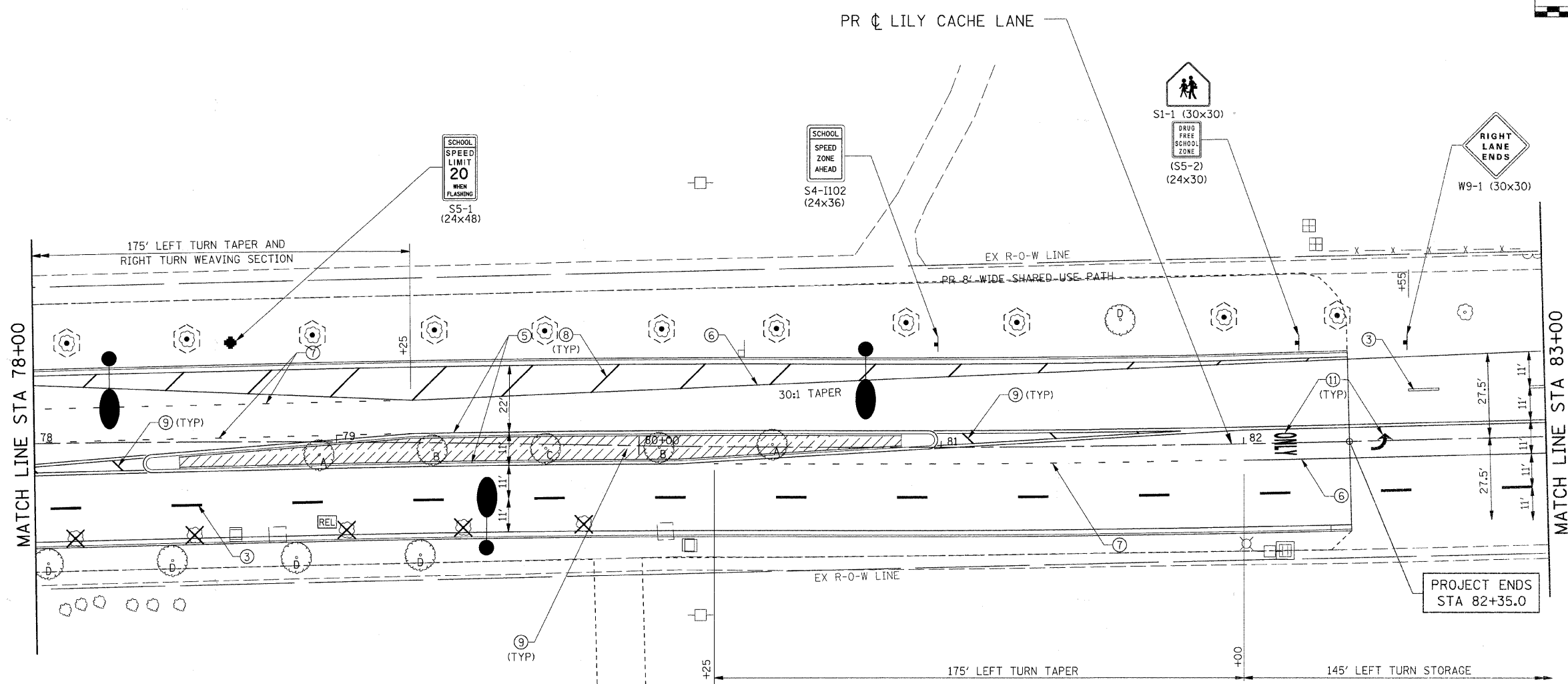
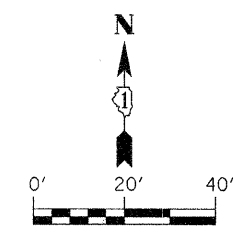
PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4", SOLID WHITE
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- ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 12", SOLID YELLOW
- ⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 24", SOLID WHITE
- ⑪ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (8' TYP)



NOTE:
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FILE NAME = G:\S0\9021\CADD_Sheets\9021FS11.dgn	USER NAME = IE Consultants	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LILY CACHE LANE SIGNING, PAVEMENT MARKING & LANDSCAPING PLAN			F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
PLOT SCALE = 28.0000' / IN.	DRAWN -	REVISED -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA. 73+25	TO STA. 78+00	1578	06-00046-01-PV	WILL	244	190
PLOT DATE = 10/22/2010	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 63503									
	DATE -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT									



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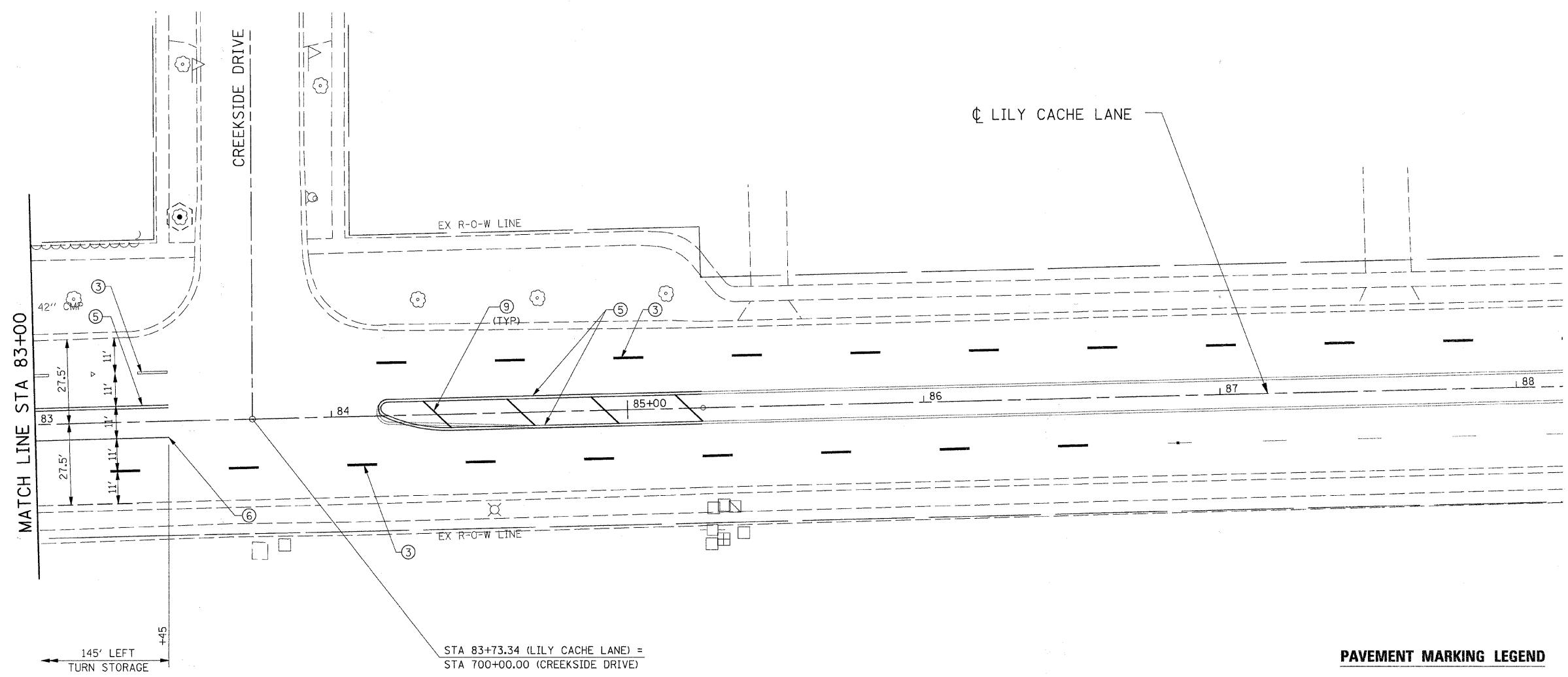
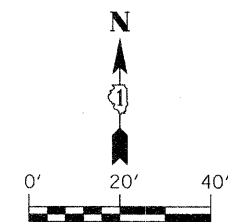
LANDSCAPING LEGEND

- INDICATES PROPOSED SODDING AREAS
- PROPOSED TREES
SEE "GENERAL NOTES FOR TREE PLANTING AND LANDSCAPING" FOR APPROVED TREES AND INSTRUCTIONS.
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PAVEMENT MARKING LEGEND






- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4", SOLID WHITE
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- ⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 24", SOLID WHITE
- ⑪ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (8' TYP)

FILE NAME = G:\S09021\CADD_Sheets\9021F012.dgn	USER NAME = IE Consultants	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LILY CACHE LANE SIGNING, PAVEMENT MARKING & LANDSCAPING PLAN				F.A.U. 1578	SECTION 06-00046-01-PV	COUNTY WILL	TOTAL SHEETS 244	SHEET NO. 191
PLOT SCALE = 20.0000' / IN.	DRAWN -	REVISIED -	REVISIED -		SCALE:	SHEET NO.	OF	SHEETS	STA. 78+00	TO STA. 83+00	CONTRACT NO. 63503		
PLOT DATE = 10/22/2010	CHECKED -	REVISIED -	REVISIED -		ILLINOIS FED. AID PROJECT								
	DATE -	REVISIED -	REVISIED -										



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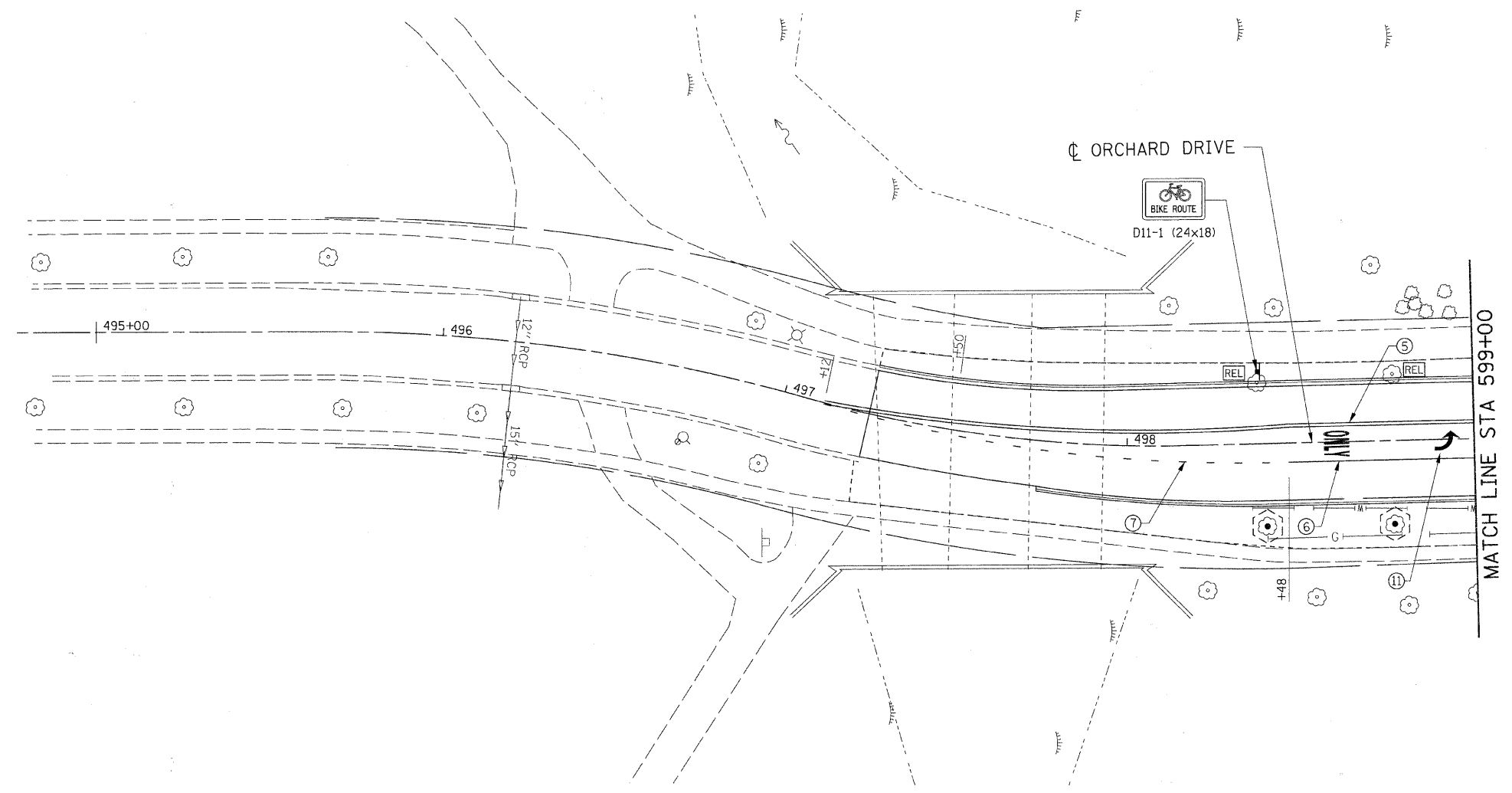
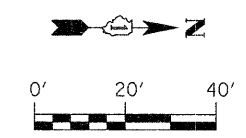
LANDSCAPING LEGEND

-  INDICATES PROPOSED SODDING AREAS
-  PROPOSED TREES
SEE "GENERAL NOTES FOR TREE PLANTING AND LANDSCAPING" FOR APPROVED TREES AND INSTRUCTIONS.
-  EXISTING TREES
INDICATES TEMPORARY FENCE (SEE TREE SCHEDULE FOR ADDITIONAL WORK)
-  INDICATES TRANSPLANTED SALVAGED TREES
-  INDICATES TREE REMOVAL

PAVEMENT MARKING LEGEND







- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4", SOLID WHITE
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4", SOLID YELLOW
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4", WHITE SKIP-DASH (10' LINE - 30' SKIP) (TYP)
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- ⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 24", SOLID WHITE
- ⑪ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (8' TYP)

FILE NAME = G:\S019021\CADD_Sheets\9021FS13.dgn	USER NAME = IE Consultants	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LILY CACHE LANE SIGNING, PAVEMENT MARKING & LANDSCAPING PLAN			F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 20.0000' / IN.	DRAWN -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA. 83+00 TO STA. 85+25.50	1578	06-00046-01-PV	WILL	244
PLOT DATE = 10/22/2010	CHECKED -	REVISED -	REVISED -	CONTRACT NO. 63503 ILLINOIS FED. AID PROJECT								



NOTE:
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 ENGINEER.

LANDSCAPING LEGEND

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-  PROPOSED TREES
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PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4", SOLID WHITE
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4", SOLID YELLOW
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4", WHITE SKIP-DASH (10' LINE - 30' SKIP) (TYP)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4", YELLOW SKIP-DASH (10' LINE - 30' SKIP) (TYP)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4", DOUBLE SOLID YELLOW
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 6", SOLID WHITE
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' LINE - 6' SKIP) (TYP)
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12", SOLID WHITE
- ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 12", SOLID YELLOW
- ⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 24", SOLID WHITE
- ⑪ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (8' TYP)

FILE NAME = G:\S09021\CADD_Sheets\9021FS14orcharddr.dgn	USER NAME = IE Consultants	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ORCHARD DRIVE SIGNING, PAVEMENT MARKING & LANDSCAPING PLAN			F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 20.0000' / IN.	DRAWN -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	1578	06-00046-01-PV	WILL	244	193	
	PLOT DATE = 10/22/2010	CHECKED -	REVISED -		CONTRACT NO. 63503								
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

EXISTING EQUIPMENT LEGEND

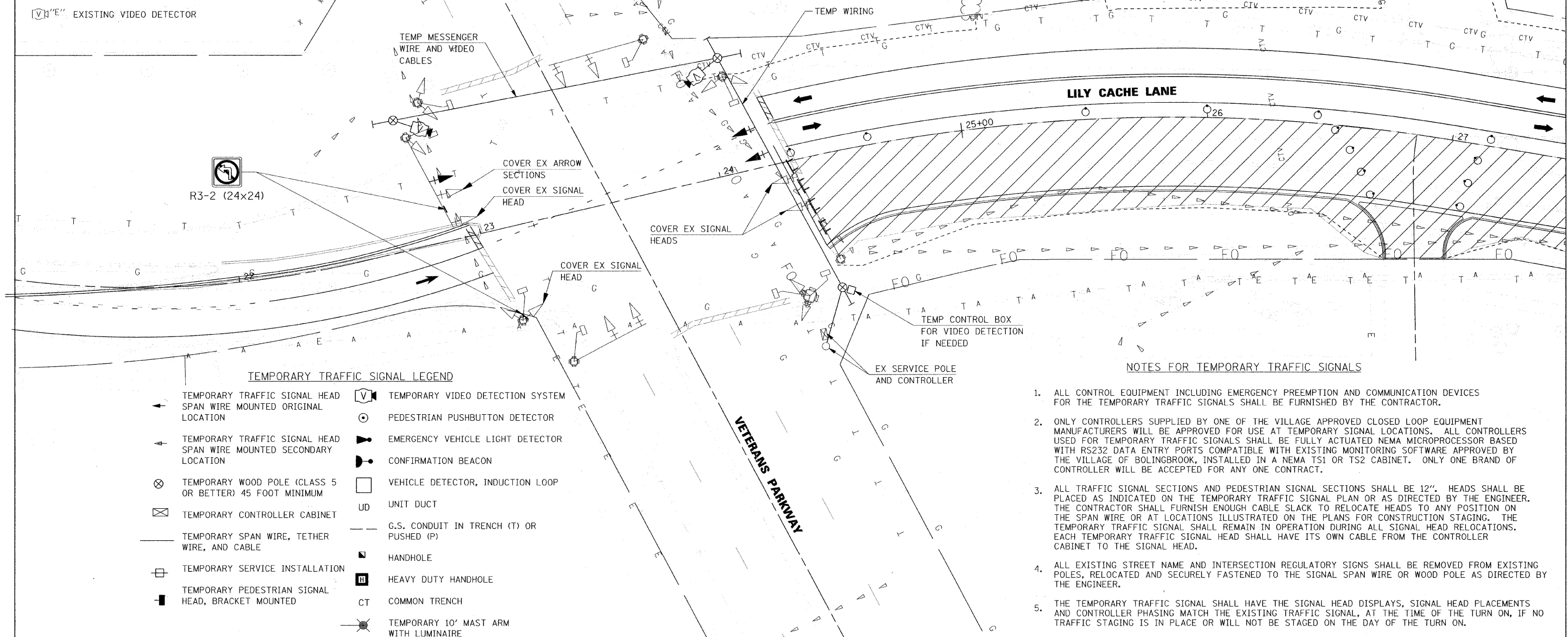
- ▷ EXISTING SIGNAL HEAD
- EXISTING SERVICE INSTALLATION
- EXISTING SIGNAL POST AND FOUNDATION
- EXISTING STEEL MAST ARM POLE AND FOUNDATION
- ⊠ "E" EXISTING CONTROLLER AND FOUNDATION
- ⊠ EXISTING HANDHOLE
- EXISTING PEDESTRIAN SIGNAL HEAD
- ⊙ EXISTING PEDESTRIAN PUSHBUTTON
- ▷ EXISTING EMERGENCY VEHICLE LIGHT DETECTOR
- ▷ EXISTING CONFIRMATION BEACON
- ⊠ "E" EXISTING HEAVY-DUTY HANDHOLE
- EXISTING STEEL COMBINATION MAST ARM ASSEMBLY AND POLE AND FOUNDATION
- ⊠ "E" EXISTING VIDEO DETECTOR

RESTORATION OF WORK AREA

RESTORATION OF TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

STAGE 2 TEMPORARY SIGNAL NOTES

1. USE THE EXISTING CONTROLLER AND DISCONNECT THE SIGNAL FEEDS TO THE COVERED SIGNAL HEAD OR SECTIONS.
2. USE THE EXISTING CONTROLLER PHASING EXCEPT TURN OFF THE WESTBOUND LEFT TURN PHASE AND THE WESTBOUND RIGHT TURN OVERLAP.
3. INSTALL A NEW 3 SECTION SIGNAL HEAD ON THE NORTHWEST MAST ARM AND CONNECT IT TO THE ADJACENT SIGNAL HEAD WITH #14 7C CABLE.
4. INSTALL THE TEMPORARY SIGNALS AND VIDEO DETECTION AS SHOWN IN THE PLANS AND ATTACH THE TEMPORARY CABLES TO THE EXISTING POWER POLE NEXT TO THE CONTROLLER. RUN THE TEMPORARY CABLE IN 2" CONDUIT DOWN THE POWER POLE AND INTO THE SIDE OF THE CONTROLLER CABINET. CONNECT THE WIRING TO THE APPROPRIATE TERMINALS. SEAL THE TOP OF THE CONDUIT ON THE POWER POLE. ESTABLISH DIRECTION ZONES AS DIRECTED BY THE ENGINEER.
5. COVER THE EXISTING SIGNAL HEADS OR SECTIONS OF SIGNAL HEADS AS SHOWN.
6. INSTALL R3-2 24"x24" NO LEFT TURN SIGNS ON THE NORTHWEST MAST ARM BETWEEN THE TWO FIVE SECTION HEADS AND UNDER THE COVERED LEFT TURN SIGNAL ON THE SOUTHWEST SIGNAL POLE.



TEMPORARY TRAFFIC SIGNAL LEGEND

- ▷ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION
- ▷ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY LOCATION
- ⊗ TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT MINIMUM
- ⊠ TEMPORARY CONTROLLER CABINET
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- TEMPORARY SERVICE INSTALLATION
- ▬ TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED
- ⊠ TEMPORARY VIDEO DETECTION SYSTEM
- ⊙ PEDESTRIAN PUSHBUTTON DETECTOR
- ▷ EMERGENCY VEHICLE LIGHT DETECTOR
- ▷ CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- UD UNIT DUCT
- G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)
- ⊠ HANDHOLE
- ⊠ HEAVY DUTY HANDHOLE
- CT COMMON TRENCH
- ⊠ TEMPORARY 10' MAST ARM WITH LUMINAIRE

NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PREEMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNALS SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE VILLAGE APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY THE VILLAGE OF BOLINGBROOK, INSTALLED IN A NEMA TS1 OR TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE 12". HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SIGNAL SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
5. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.

FILE NAME =	USER NAME = JE Consultants	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LILY CACHE LANE AT VETERANS PARKWAY TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 2	F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
GAS09021\CADD_Sheets\TS & LIGHTING\dl01_Veterans_TF_01.dgn	PLOT SCALE = 20,0000' / IN.	DRAWN -	REVISED -			1578	06-00046-01-PV	WILL	244	193A	
	PLOT DATE = 11/16/2010	CHECKED -	REVISED -			CONTRACT NO. 63503					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

EXISTING EQUIPMENT LEGEND

- ▷ EXISTING SIGNAL HEAD
- EXISTING SERVICE INSTALLATION
- EXISTING SIGNAL POST AND FOUNDATION
- EXISTING STEEL MAST ARM POLE AND FOUNDATION
- ⊠ "E" EXISTING CONTROLLER AND FOUNDATION
- ⊞ EXISTING HANDHOLE
- EXISTING PEDESTRIAN SIGNAL HEAD
- ⊙ EXISTING PEDESTRIAN PUSHBUTTON
- ⊞ EMERGENCY VEHICLE LIGHT DETECTOR
- ▷ CONFIRMATION BEACON
- ⊠ "E" EXISTING HEAVY-DUTY HANDHOLE
- EXISTING STEEL COMBINATION MAST ARM ASSEMBLY AND POLE AND FOUNDATION
- ⊞ "E" EXISTING VIDEO DETECTOR

RESTORATION OF WORK AREA

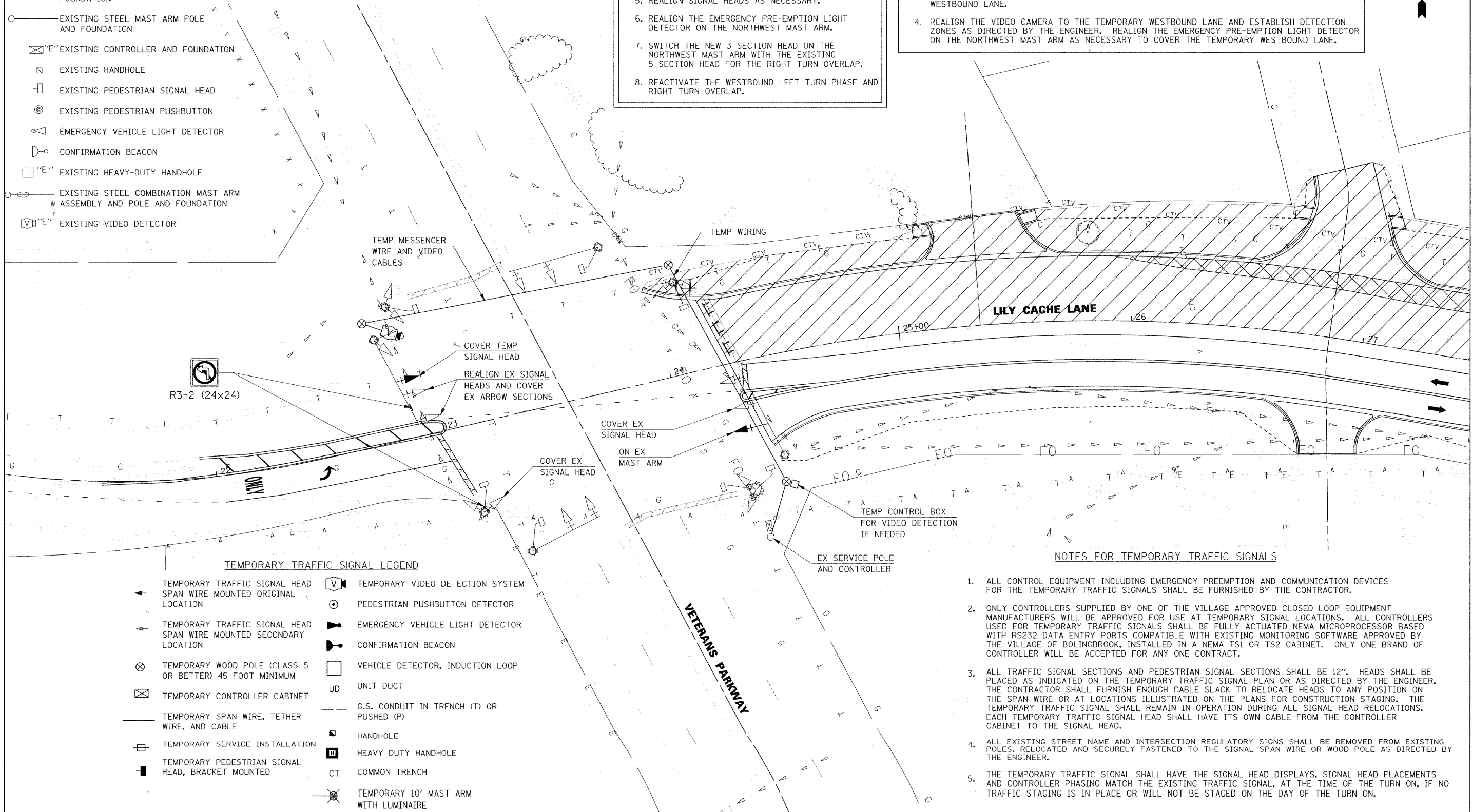
RESTORATION OF TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

STAGE 4 TEMPORARY SIGNAL NOTES

1. REMOVE THE TEMPORARY SIGNAL SYSTEM.
2. UNCOVER THE COVERED SIGNAL HEADS.
3. REMOVE THE NO LEFT TURN SIGNS.
4. RECONNECT THE FEEDS TO ALL EXISTING SIGNALS.
5. REALIGN SIGNAL HEADS AS NECESSARY.
6. REALIGN THE EMERGENCY PRE-EMPTION LIGHT DETECTOR ON THE NORTHWEST MAST ARM.
7. SWITCH THE NEW 3 SECTION HEAD ON THE NORTHWEST MAST ARM WITH THE EXISTING 5 SECTION HEAD FOR THE RIGHT TURN OVERLAP.
8. REACTIVATE THE WESTBOUND LEFT TURN PHASE AND RIGHT TURN OVERLAP.

STAGE 3 TEMPORARY SIGNAL NOTES

1. REMOVE THE TEMPORARY SIGNAL HEADS FOR THE EASTBOUND TRAFFIC IN STAGE 2.
2. INSTALL A NEW 3 SECTION HEAD ON THE SOUTHEAST MAST ARM FOR EASTBOUND TRAFFIC. DISCONNECT THE SIGNAL SECTIONS IN THE EXISTING 3 SECTION HEAD AND CONNCT THE NEW 3 SECTION HEAD TO THAT TERMINAL STRIP WITH #14 5C CABLES. COVER THE EXISTING 3 SECTION HEAD. RECONNECT THE EASTBOUND MAST ARM SIGNALS AT THE CONTROLLER.
3. UNCOVER THE RED, YELLOW AND GREEN ON THE 5 SECTION HEADS ON THE NORTHWEST MAST ARM, BUT LEAVE THE ARROW SECTIONS COVERED. REALIGN THESE SIGNALS FOR THE TEMPORARY WESTBOUND LANE.
4. REALIGN THE VIDEO CAMERA TO THE TEMPORARY WESTBOUND LANE AND ESTABLISH DETECTION ZONES AS DIRECTED BY THE ENGINEER. REALIGN THE EMERGENCY PRE-EMPTION LIGHT DETECTOR ON THE NORTHWEST MAST ARM AS NECESSARY TO COVER THE TEMPORARY WESTBOUND LANE.



TEMPORARY TRAFFIC SIGNAL LEGEND

- ◀ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION
- ▶ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY LOCATION
- ⊗ TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT MINIMUM
- ⊠ TEMPORARY CONTROLLER CABINET
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- TEMPORARY SERVICE INSTALLATION
- ▬ TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED
- ⊞ TEMPORARY VIDEO DETECTION SYSTEM
- ⊙ PEDESTRIAN PUSHBUTTON DETECTOR
- ⊞ EMERGENCY VEHICLE LIGHT DETECTOR
- ▷ CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- UD UNIT DUCT
- G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)
- ⊞ HANDHOLE
- ⊠ HEAVY DUTY HANDHOLE
- CT COMMON TRENCH
- ⊞ TEMPORARY 10' MAST ARM WITH LUMINAIRE

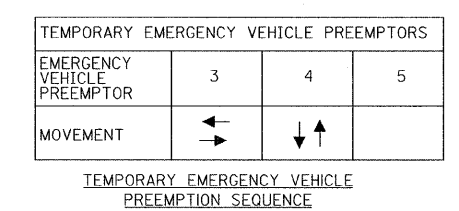
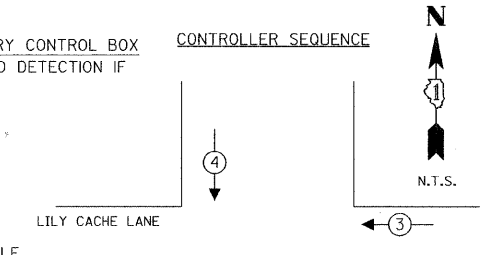
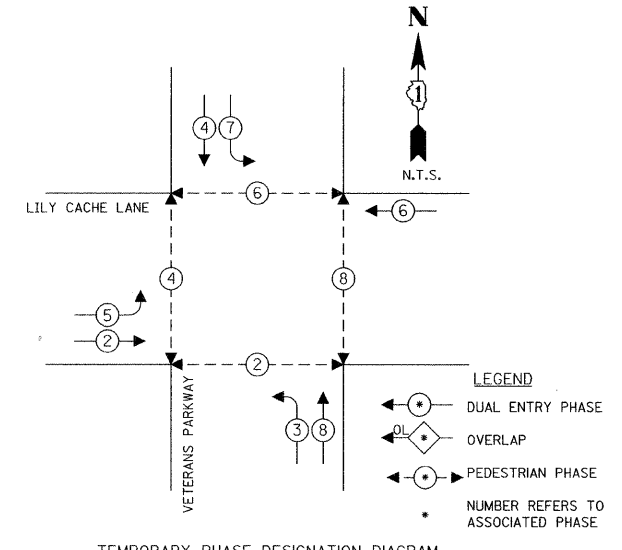
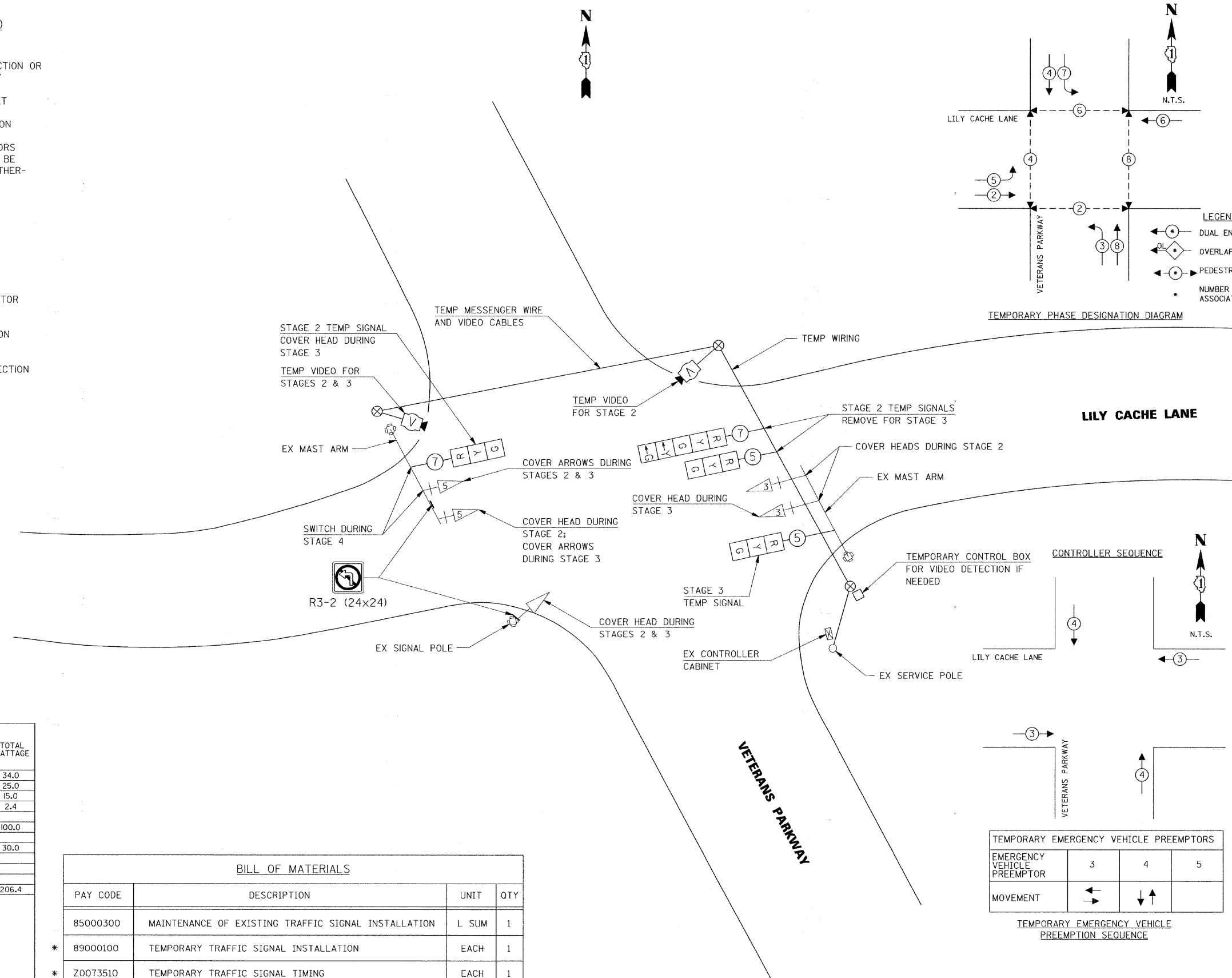
NOTES FOR TEMPORARY TRAFFIC SIGNALS

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FILE NAME =	USER NAME = IE Consultants	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LILY CACHE LANE AT VETERANS PARKWAY TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 3	F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
G:\S09021\CADD_Sheets\NTS & LIGHTING\dl01_Veterans_TF_02.dgn	1_Veterans_TF_02.dgn	DRAWN -	REVISED -			1578	06-00046-01-PV	WILL	244	193B	
PLOT SCALE = 20,0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 63503					
PLOT DATE = 11/16/2010		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

TEMPORARY CABLE DIAGRAM LEGEND

- R TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12"
- ⊠ TEMPORARY CONTROLLER CABINET
- ⊞ TEMPORARY SERVICE INSTALLATION
- 5 INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
- ▶ EMERGENCY VEHICLE LIGHT DETECTOR
- ◐ CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- ⊙ PEDESTRIAN PUSHBUTTON DETECTOR
- ⊞ 12" PEDESTRIAN SIGNAL SECTION
- V TEMPORARY VIDEO VEHICLE DETECTION
- ⊞ TEMPORARY LUMINAIRE



TYPE	NO. LAMPS	WATTAGE INCAND.	LED	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	4	135	17	0.50	34.0
(YELLOW)	4	135	25	0.25	25.0
(GREEN)	4	135	15	0.25	15.0
ARROW	2	135	12	0.10	2.4
PED. SIGNAL					
CONTROLLER	1	100	100	1.00	100.0
ILLUM. SIGN					
VIDEO CAMERAS	2	15		1.00	30.0
LUMINAIRE					
FLASHER					
				TOTAL=	206.4

ENERGY COSTS TO:
VILLAGE OF BOLINGBROOK

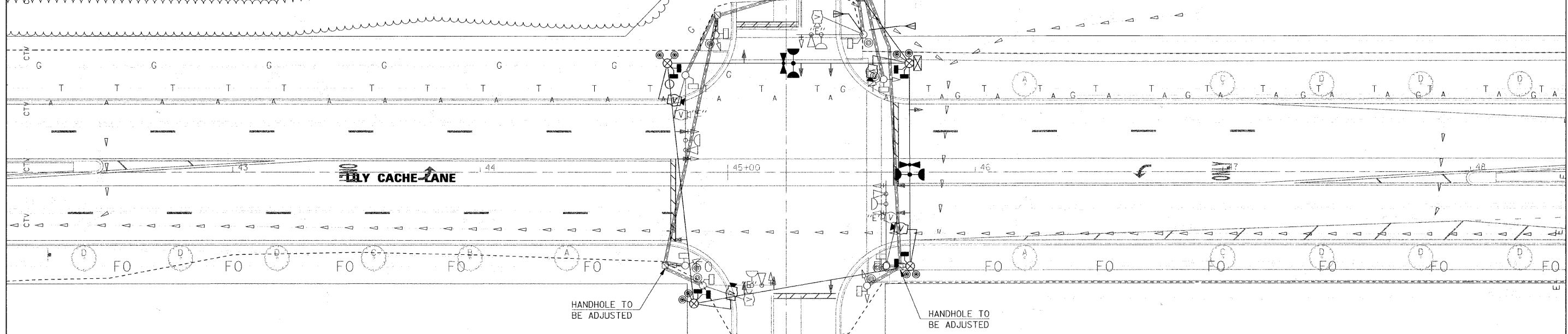
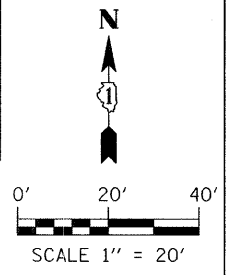
ENERGY SUPPLY CONTACT:
PHONE:
COMPANY:

BILL OF MATERIALS			
PAY CODE	DESCRIPTION	UNIT	QTY
85000300	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	L SUM	1
* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
* Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

EXISTING EQUIPMENT LEGEND		TEMPORARY TRAFFIC SIGNAL LEGEND	
▷	EXISTING SIGNAL HEAD	◀	TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION
◻	"E" EXISTING SERVICE INSTALLATION	◀	TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY LOCATION
○	EXISTING SIGNAL POST AND FOUNDATION	⊗	TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT MINIMUM
○	EXISTING STEEL MAST ARM POLE AND FOUNDATION	◻	TEMPORARY CONTROLLER CABINET
◻	"E" EXISTING CONTROLLER AND FOUNDATION	—	TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
◻	EXISTING HANDHOLE	◻	TEMPORARY SERVICE INSTALLATION
◻	EXISTING PEDESTRIAN SIGNAL HEAD	◻	TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED
⊙	EXISTING PEDESTRIAN PUSHBUTTON	◻	ANTENNA RADIO INTERCONNECT
◻	EMERGENCY VEHICLE LIGHT DETECTOR	◻	TEMPORARY VIDEO DETECTION SYSTEM
◻	CONFIRMATION BEACON	◻	PEDESTRIAN PUSHBUTTON DETECTOR
◻	"E" EXISTING HEAVY-DUTY HANDHOLE	◻	EMERGENCY VEHICLE LIGHT DETECTOR
◻	EXISTING STEEL COMBINATION MAST ARM ASSEMBLY AND POLE AND FOUNDATION	◻	CONFIRMATION BEACON
◻	"E" EXISTING VIDEO DETECTOR	◻	VEHICLE DETECTOR, INDUCTION LOOP
		UD	UNIT DUCT
		—	G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)
		◻	HANDHOLE
		◻	HEAVY DUTY HANDHOLE
		CT	COMMON TRENCH
		◻	TEMPORARY 10' MAST ARM WITH LUMINAIRE

RESTORATION OF WORK AREA
 RESTORATION OF TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

RELOCATION/REMOVAL NOTES
 THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL REMAIN IN PLACE FOR THE DURATION OF CONSTRUCTION. APPROPRIATE MEASURES SHALL BE TAKEN TO COVER THE EXISTING SIGNAL HEADS WHEN THEY ARE NOT IN OPERATION:

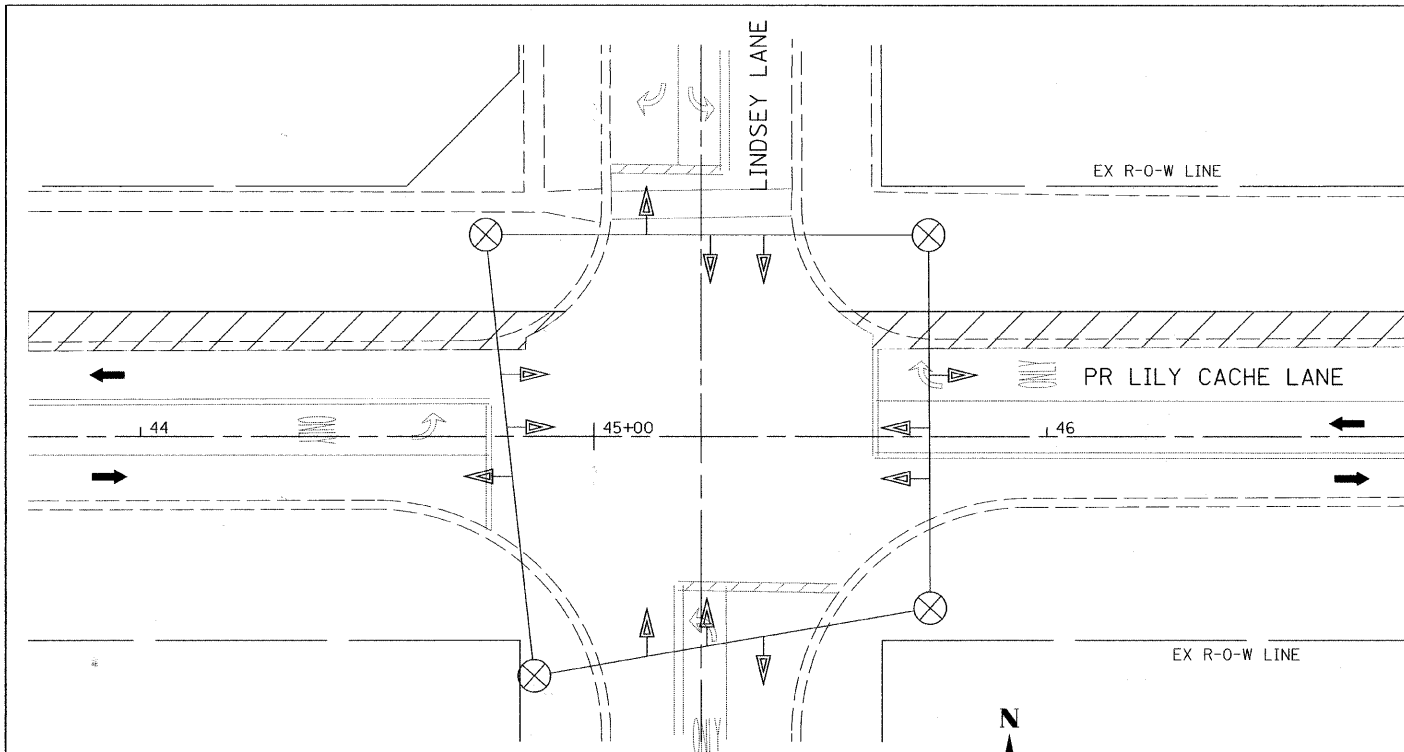


NOTES FOR TEMPORARY TRAFFIC SIGNALS

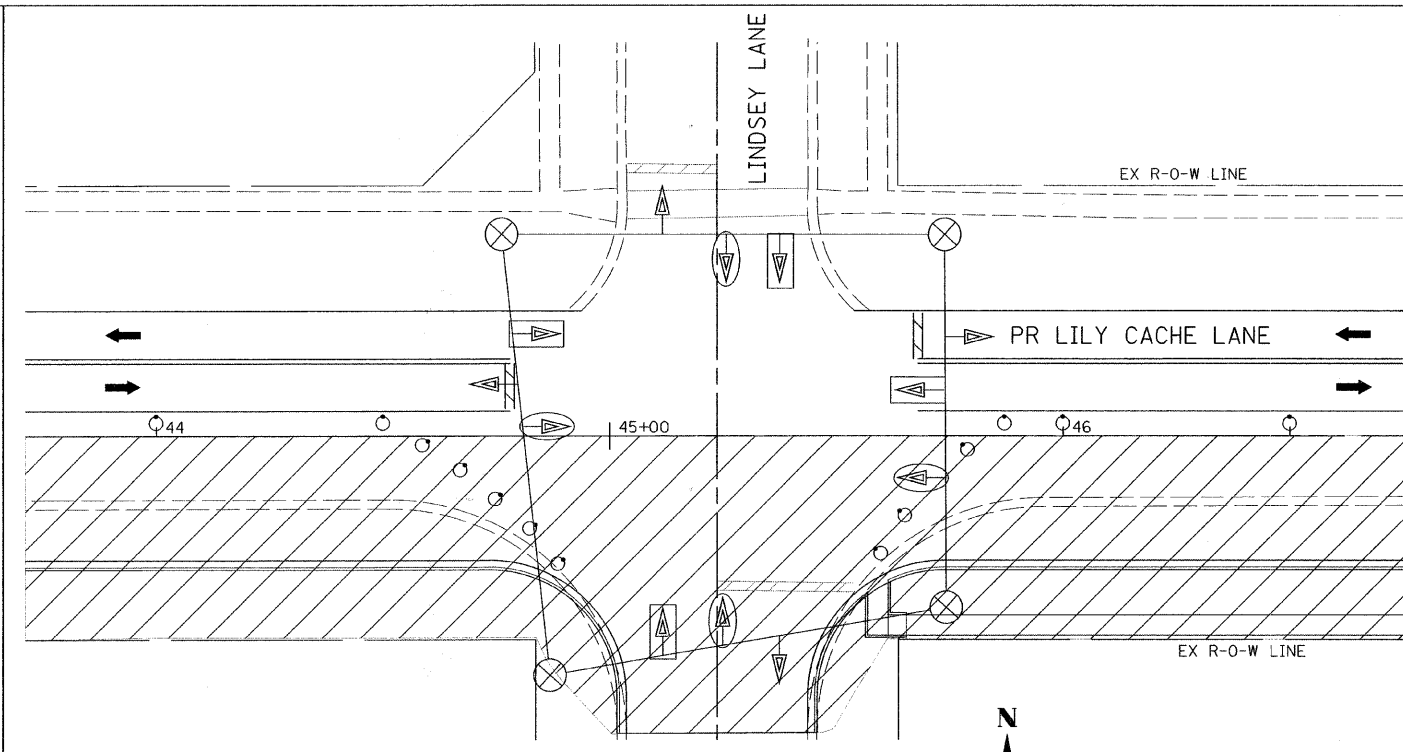
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- TEMPORARY TRAFFIC SIGNAL PHASING SHALL MATCH EXISTING PHASING.

NOTE FOR STAGING
 SEE NEXT SHEET FOR PLACEMENT OF TEMPORARY SIGNAL HEADS FOR VARIOUS STAGES.

BILL OF MATERIALS			
PAY CODE	DESCRIPTION	UNIT	QTY
* 81400115	HANDHOLE TO BE ADJUSTED	EACH	2
* 85000300	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	L SUM	1
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
* 20073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1



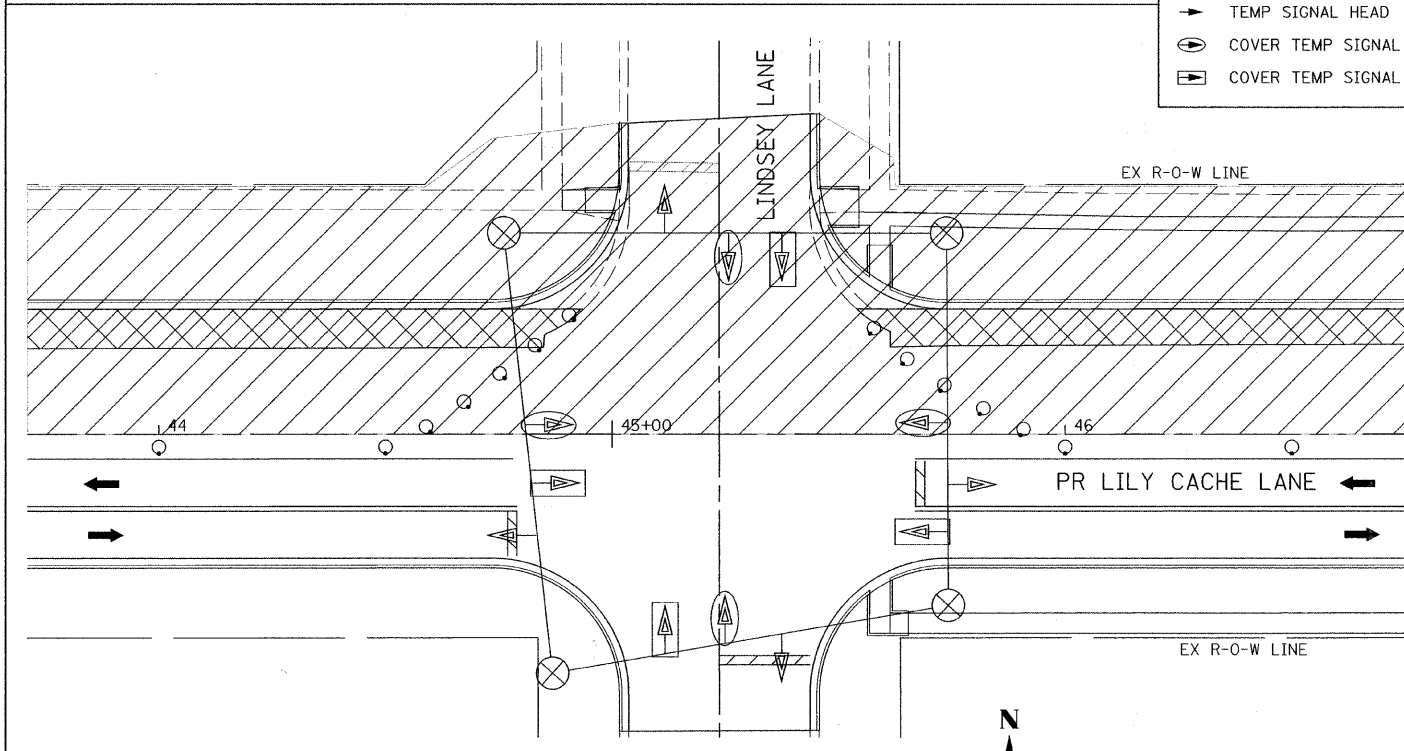
**STAGE 1 TEMP SIGNAL
HEAD PLACEMENT**



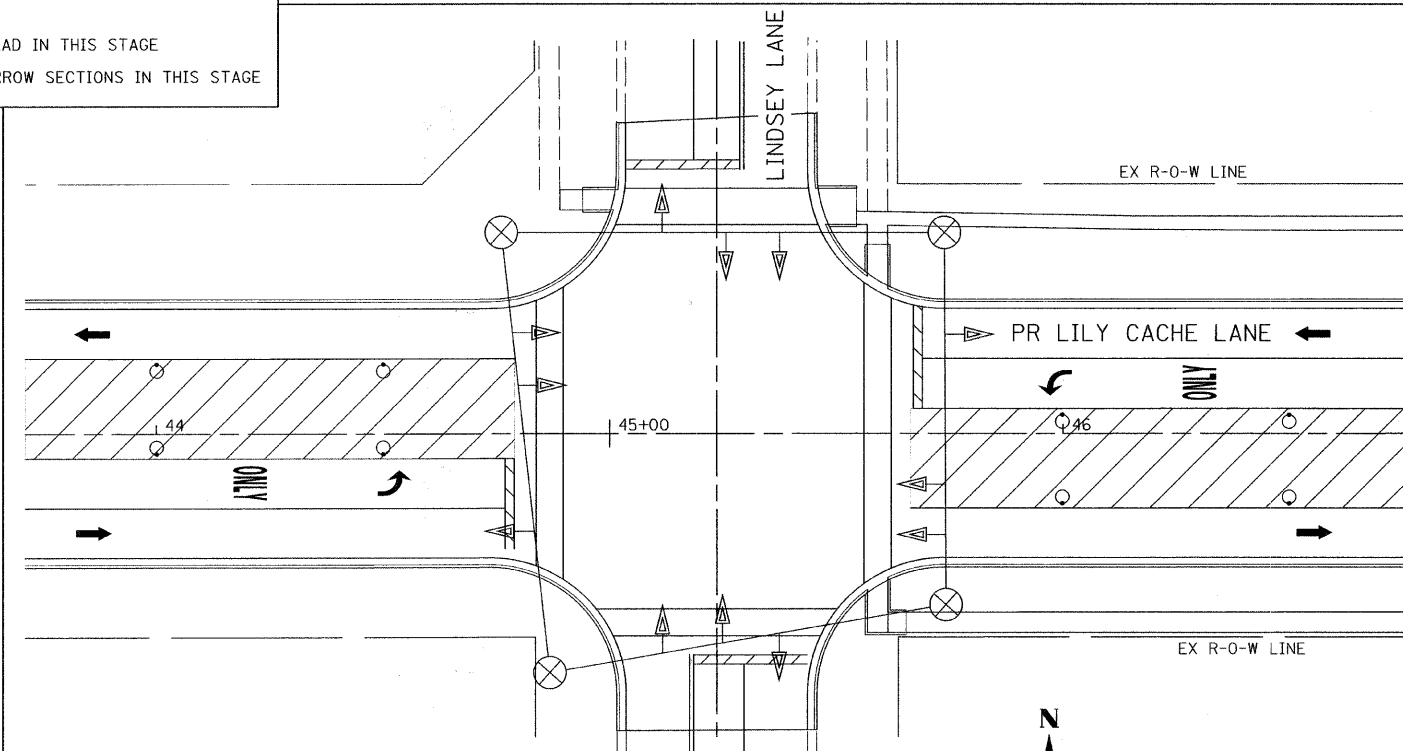
**STAGE 2 TEMP SIGNAL
HEAD PLACEMENT**

TEMPORARY TRAFFIC SIGNAL LEGEND

- ⊗ TEMP POLE
- ▶ TEMP SIGNAL HEAD
- ◉ COVER TEMP SIGNAL HEAD IN THIS STAGE
- ▭ COVER TEMP SIGNAL ARROW SECTIONS IN THIS STAGE



**STAGE 3 TEMP SIGNAL
HEAD PLACEMENT**



**STAGE 4 TEMP SIGNAL
HEAD PLACEMENT**

FILE NAME =	USER NAME = JE Consultants	DESIGNED -	REVISED -
G:\S09021\CA00.Sheets\TS & LIGHTING\dl001.Lindsey_Stg_01.dgn		DRAWN -	REVISED -
PLOT SCALE = 20.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 11/16/2010		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

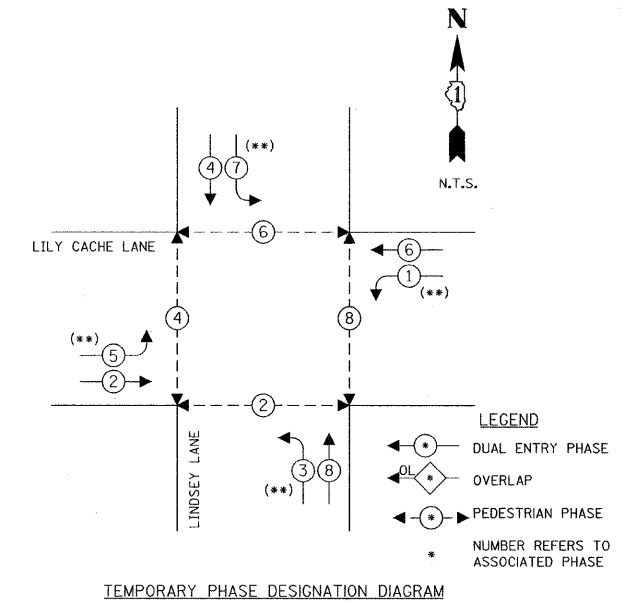
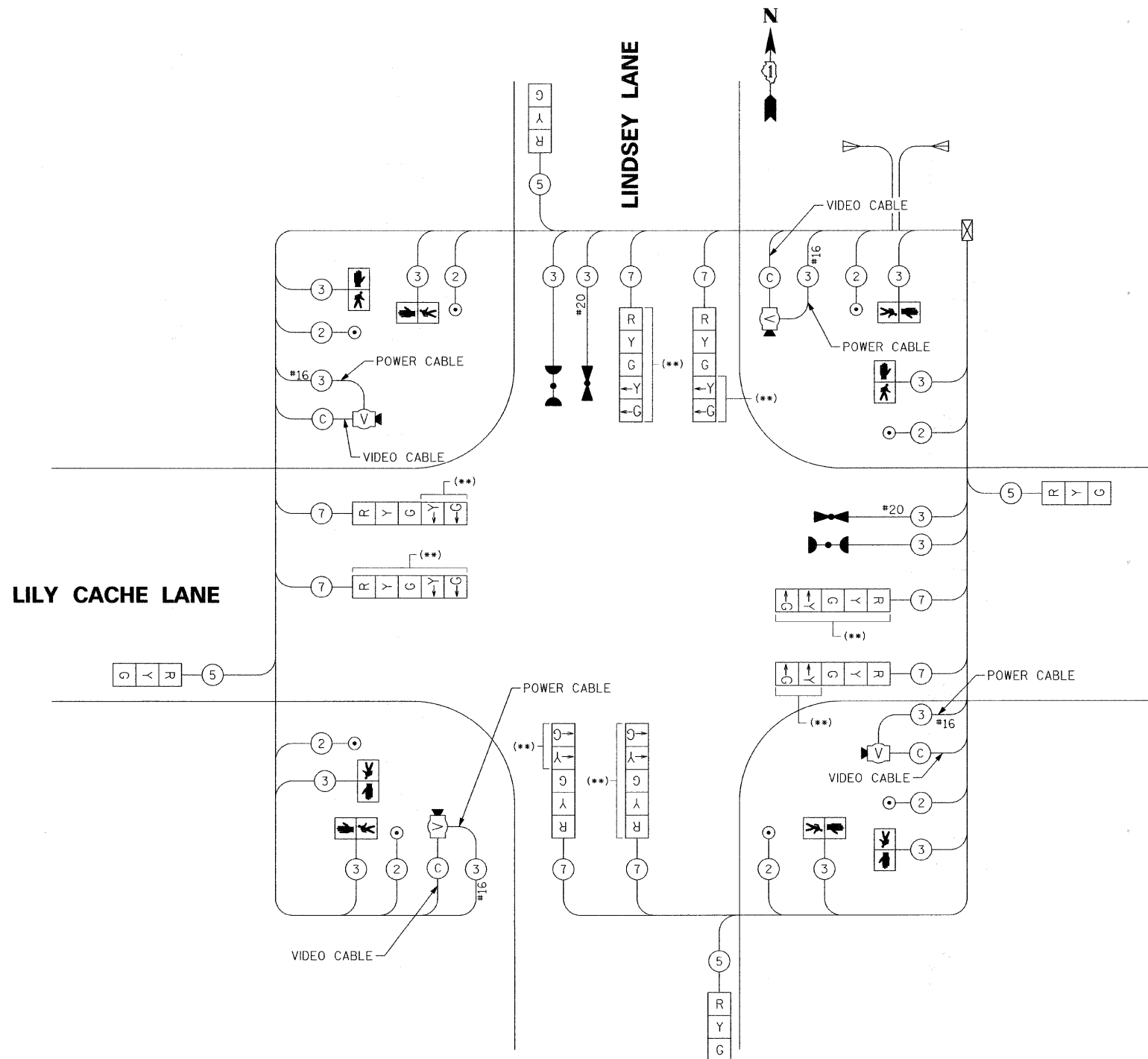
**LILY CACHE LANE AT LINDSEY LANE
TEMPORARY TRAFFIC SIGNAL PLAN**

SCALE: SHEET NO. OF SHEETS STA. 43+00 TO STA. 47+75

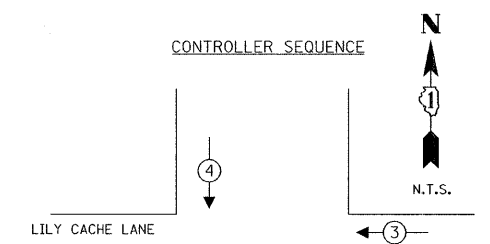
F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	194A
CONTRACT NO. 63503				
ILLINOIS FED. AID PROJECT				

TEMPORARY CABLE DIAGRAM LEGEND

- R TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12"
- ⊠ TEMPORARY CONTROLLER CABINET
- ⊕ TEMPORARY SERVICE INSTALLATION
- 5 INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
- ▶ EMERGENCY VEHICLE LIGHT DETECTOR
- ◀ CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- PEDESTRIAN PUSHBUTTON DETECTOR
- ⊠ 12" PEDESTRIAN SIGNAL SECTION
- V TEMPORARY VIDEO VEHICLE DETECTION
- ✱ TEMPORARY LUMINAIRE



(**) STAGE 1 AND STAGE 4 ONLY



TEMPORARY EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT	←	↓	↑

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE

TYPE	NO. LAMPS	WATTAGE INCAND.	LED	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	135	17	0.50	102.0
(YELLOW)	12	135	25	0.25	75.0
(GREEN)	12	135	15	0.25	45.0
ARROW	16	135	12	0.10	19.2
PED. SIGNAL					
CONTROLLER	1	100	100	1.00	100.0
ILLUM. SIGN					
VIDEO CAMERAS	4	15		1.00	60.0
LUMINAIRE					
FLASHER					
TOTAL=					401.2

ENERGY COSTS TO:
VILLAGE OF BOLINGBROOK

ENERGY SUPPLY CONTACT:
PHONE:
COMPANY:

FILE NAME =
G:\S09021\CADD_Sheets\TS & LIGHTING\dl011.Lindsey_TF_02.dgn

DESIGNED -
DRAWN -
CHECKED -
PLOT DATE = 11/16/2010

DESIGNED -
DRAWN -
CHECKED -
DATE -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LILY CACHE LANE AT LINDSEY LANE
TEMPORARY CABLE PLAN

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

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1578	06-00046-01-PV	WILL	244	195
CONTRACT NO. 63503				

ILLINOIS FED. AID PROJECT

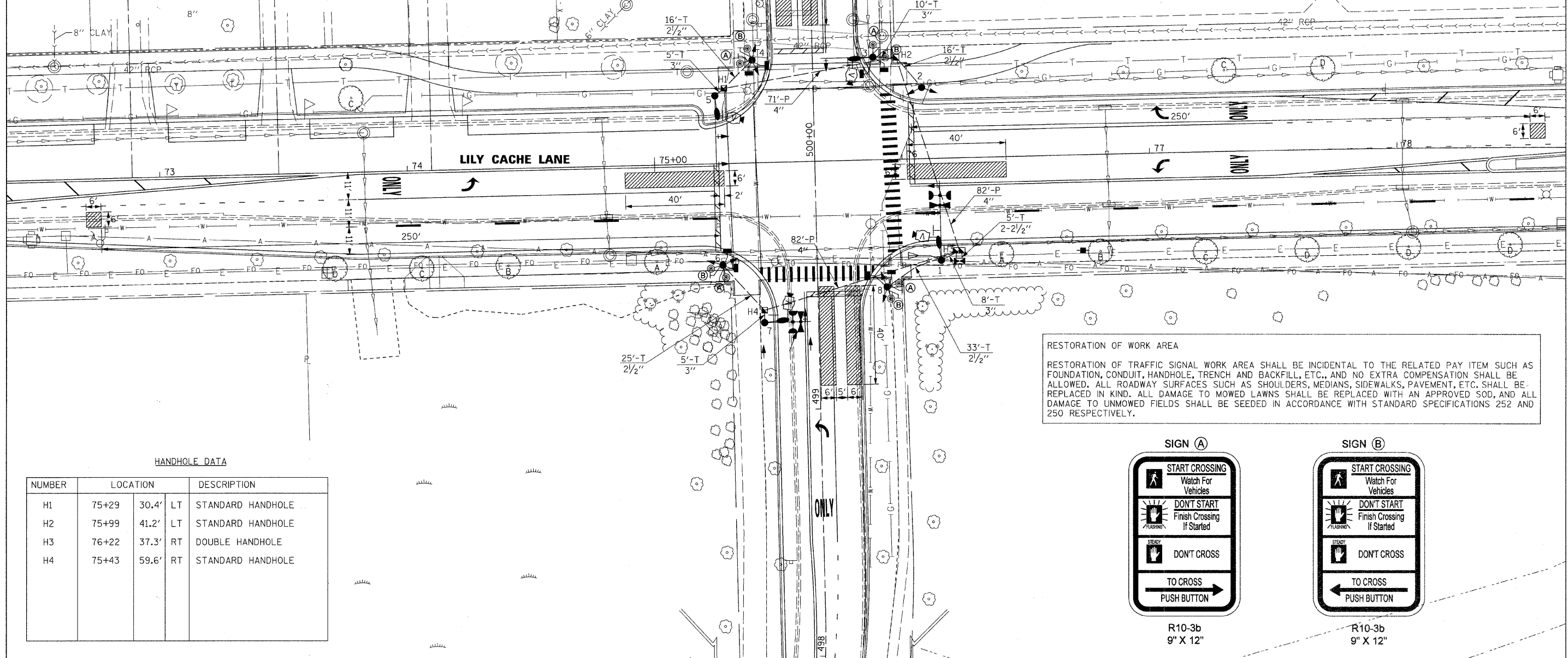
TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING		PROPOSED	EXISTING
CONTROLLER			CONFIRMATION BEACON		
POWER POLE			LUMINAIRE		
SIGNAL HEAD			TELEPHONE CONNECTION		
SIGNAL HEAD WITH BACKPLATE			VIDEO DETECTION SENSOR		
SIGNAL HEAD, PEDESTRIAN			VIDEO DETECTION ZONE		
SIGNAL POST (16' UNLESS OTHERWISE NOTED)			ILLUMINATED STREET SIGN		
COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL			RADIO ANTENNA		
MAST ARM ASSEMBLY AND POLE, STEEL			GPS ANTENNA		
COMMON TRENCH			PEDESTRIAN PUSHBUTTON SIGN		
UNIT DUCT			ANTENNA RADIO INTERCONNECT		
HANDHOLE					
HEAVY DUTY HANDHOLE					
DOUBLE HANDHOLE					
G.S. CONDUIT IN TRENCH OR PUSHED					
PEDESTRIAN PUSHBUTTON DETECTOR					
DETECTOR LOOP					
CAST IRON JUNCTION BOX					
EMERGENCY VEHICLE SYSTEM DETECTOR					

POST AND MAST ARM DATA

NUMBER	LOCATION	DESCRIPTION
1	76+15 41.1' RT	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 32 FT.
2	76+09 28.9' LT	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
3	75+89 41.5' LT	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 22 FT.
4	75+40 41.5' LT	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
5	75+25 27.5' LT	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 30 FT
6	75+27 40.9' RT	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT
7	75+43 64.6' RT	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 18 FT.
8	75+93 51.3' RT	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.

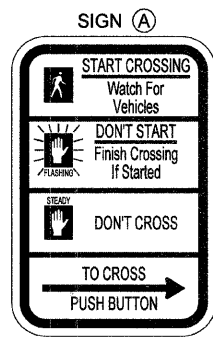
VETERANS PARKWAY, LINDSEY LANE, ORCHARD DRIVE, RAIDER WAY, AND SCHMIDT ROAD WILL BE INTERCONNECTED - SEE SPECIAL PROVISION FOR "RADIO INTERCONNECT SYSTEM COMPLETE, LOCAL."



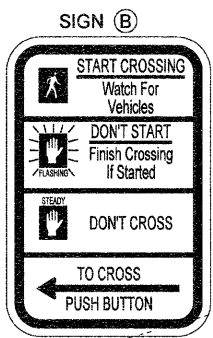
RESTORATION OF WORK AREA
 RESTORATION OF TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDING IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

HANDHOLE DATA

NUMBER	LOCATION	DESCRIPTION
H1	75+29 30.4' LT	STANDARD HANDHOLE
H2	75+99 41.2' LT	STANDARD HANDHOLE
H3	76+22 37.3' RT	DOUBLE HANDHOLE
H4	75+43 59.6' RT	STANDARD HANDHOLE



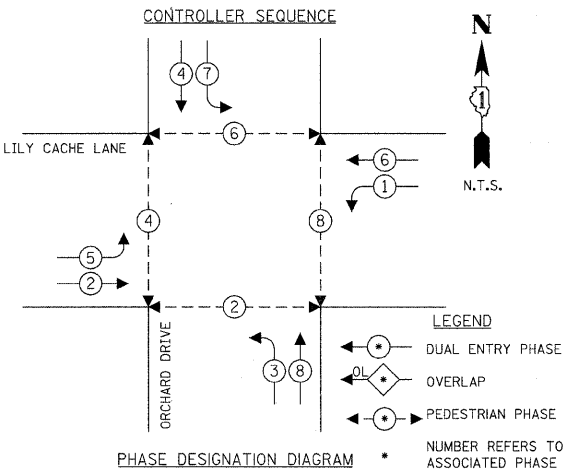
R10-3b
9" X 12"



R10-3b
9" X 12"

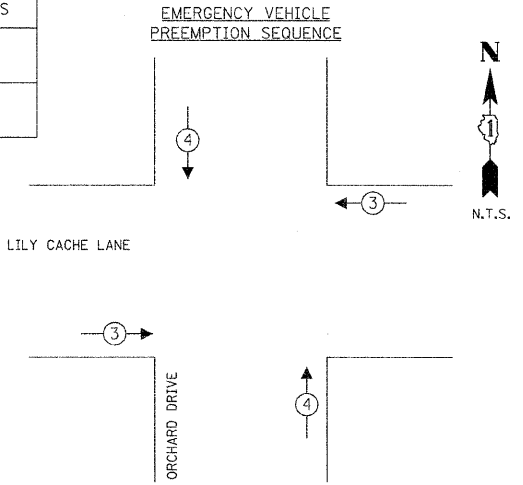
CABLE PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
[G]	[G]	12" TRAFFIC SIGNAL SECTION
[R]	[R]	12" TRAFFIC SIGNAL SECTION
[W]	[W]	12" PEDESTRIAN SIGNAL SECTION
[P]	[P]	12" PEDESTRIAN SIGNAL SECTION
[C]	[C]	CONTROLLER CABINET
[S]	[S]	SERVICE INSTALLATION
[T]	[T]	TELEPHONE INSTALLATION
[V]	[V]	VEHICLE DETECTOR, INDUCTION LOOP
[V]	[V]	VIDEO DETECTION (AUTOSCOPE OR APPROVED EQUIVALENT)
[E]	[E]	EMERGENCY VEHICLE LIGHT DETECTOR
[B]	[B]	CONFIRMATION BEACON
[D]	[D]	PUSHBUTTON DETECTOR
(2)	(2)	DENOTES NUMBER OF CONDUCTORS. ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE SHIELDED
(1)	(1)	GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)
(C)	(C)	COAXIAL CABLE
(12)	(12)	FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 12F
[R Y G]	[R Y G]	SIGNAL FACE WITH BACKPLATE. "P" INDICATES PROGRAMMED HEAD
[H]	[H]	GROUND ROD AT HANDHOLE (H) DOUBLE HANDHOLE (H), OR CONTROLLER (C)
[P]	[P]	GROUND ROD AT POST (P) OR MAST ARM POLE (MA)
[S]	[S]	GROUND ROD AT ELECTRIC SERVICE INSTALLATION
[L]	[L]	LUMINAIRE, 250 WATT
[IL]	[IL]	ILLUMINATED STREET SIGN
[A]	[A]	ANTENNA



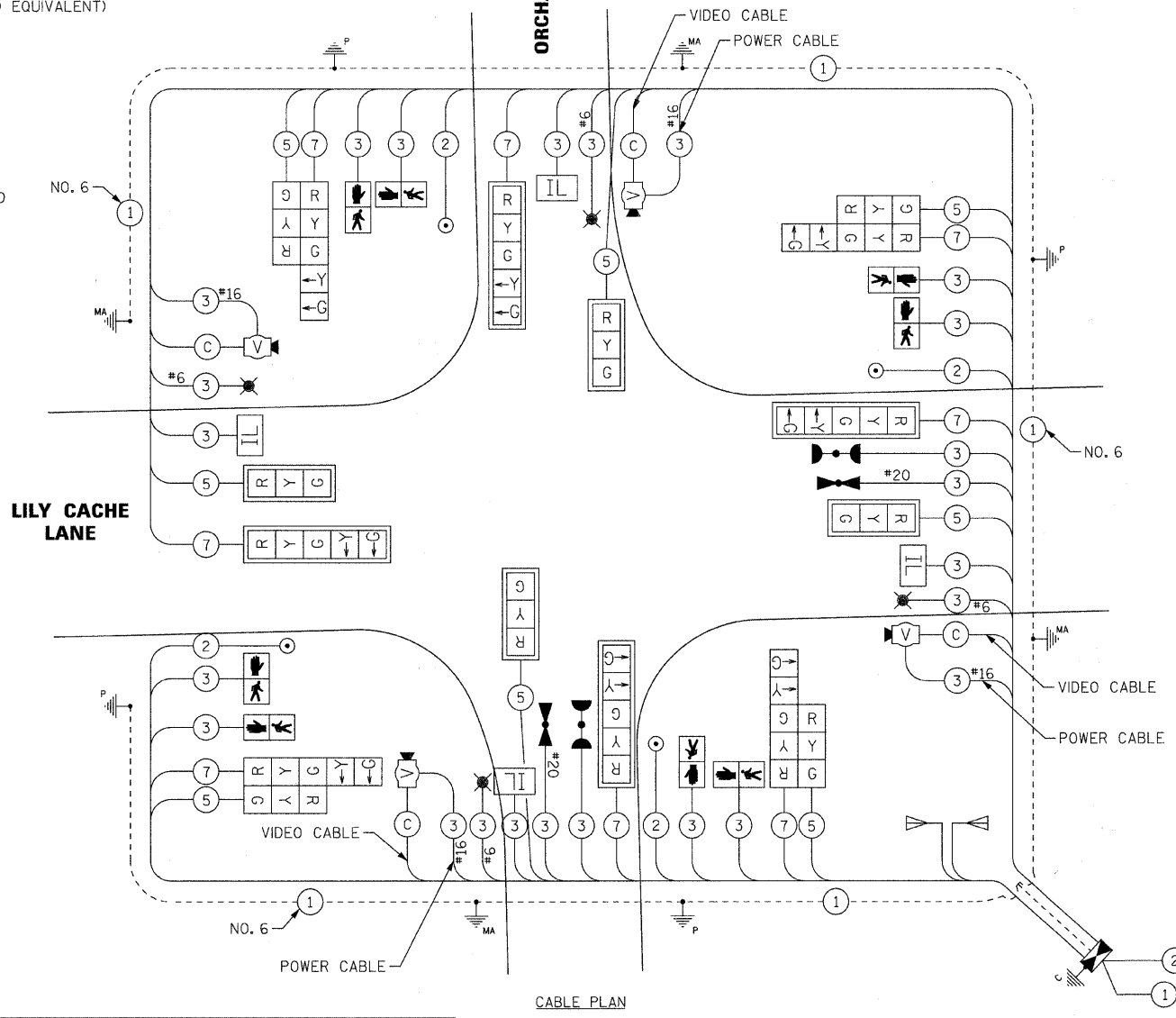
PROPOSED EMERGENCY VEHICLE PREEMPTORS

EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT	← →	↓ ↑	



BILL OF MATERIALS

PAY ITEM NO.	ITEM	UNIT	TOTAL
72000100	SIGN PANEL-TYPE 1	FOOT	6
81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	90
81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	28
81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	10
81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	235
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	3
81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
81702415	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1C NO. 6	FOOT	697
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	154
82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	4
85700300	FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,126
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2,302
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,234
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,267
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	100
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4
87702830	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 20 FT.	EACH	1
87702840	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 22 FT.	EACH	1
87702880	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 30 FT.	EACH	1
87702890	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 32 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	16
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	48
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	4
88040260	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	4
88102820	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED 1-FACE, 2-SECTION BRACKET MOUNTED	EACH	8
88200100	TRAFFIC SIGNAL BACKPLATE	EACH	8
88700200	LIGHT DETECTOR	EACH	4
88700300	LIGHT DETECTOR AMPLIFIER	EACH	1
88800100	PEDESTRIAN PUSH-BUTTON	EACH	8
* X8050010	SERVICE INSTALLATION - GROUND MOUNTED	EACH	1
* X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	526
* XX005428	INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	4
* X8730250	ELECTRIC CABLE IN CONDUIT, NO. 20 3/C TWISTED, SHIELD	FOOT	475
* XX005723	VIDEO DETECTION COMPLETE INTERSECTION	EACH	1



TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	14	135	17	0.50	119
(YELLOW)	14	135	25	0.25	90
(GREEN)	14	135	15	0.25	60.0
ARROW	20	135	12	0.10	24
PED. SIGNAL					
CONTROLLER	1	100	100	1.00	100.0
ILLUM. SIGN	4	0.50	88	0.50	176.0
VIDEO CAMERA	4	15		1.00	60.0
LUMINAIRE	4	250		0.50	500.0
FLASHER					
TOTAL=					1,129

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
C - CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'+H-2 (6m+H-0.6m)
E - M. ARM POLE		SIGNAL POST	2 (0.0)		
24" (600mm)	10 (3.0)	CONTROLLER CAB.	1 (0.5)	BRACKET MOUNTED	13 (4.0)
30" (750mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	PED. BUTTON	4 (1.2)
36" (900mm)	15 (4.6)	ELECTRIC SERVICE	1 (0.5)	ELECTRICAL SERVICE	13.5 (4.1)
		GROUND CABLE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
				POST MOUNTED	6 (1.8)

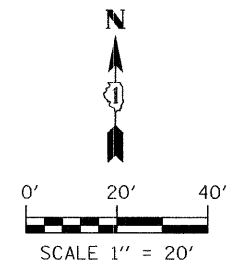
EXISTING EQUIPMENT LEGEND

- ▷ EXISTING SIGNAL HEAD
- "E" EXISTING SERVICE INSTALLATION
- EXISTING SIGNAL POST AND FOUNDATION
- EXISTING STEEL MAST ARM POLE AND FOUNDATION
- ⊠ "E" EXISTING CONTROLLER AND FOUNDATION
- ⊠ EXISTING HANDHOLE
- EXISTING PEDESTRIAN SIGNAL HEAD
- ⊙ EXISTING PEDESTRIAN PUSHBUTTON
- ◁ EMERGENCY VEHICLE LIGHT DETECTOR
- ▷ CONFIRMATION BEACON
- ⊠ "E" EXISTING HEAVY-DUTY HANDHOLE
- EXISTING STEEL COMBINATION MAST ARM ASSEMBLY AND POLE AND FOUNDATION
- ⊠ "E" EXISTING VIDEO DETECTOR

TEMPORARY TRAFFIC SIGNAL LEGEND

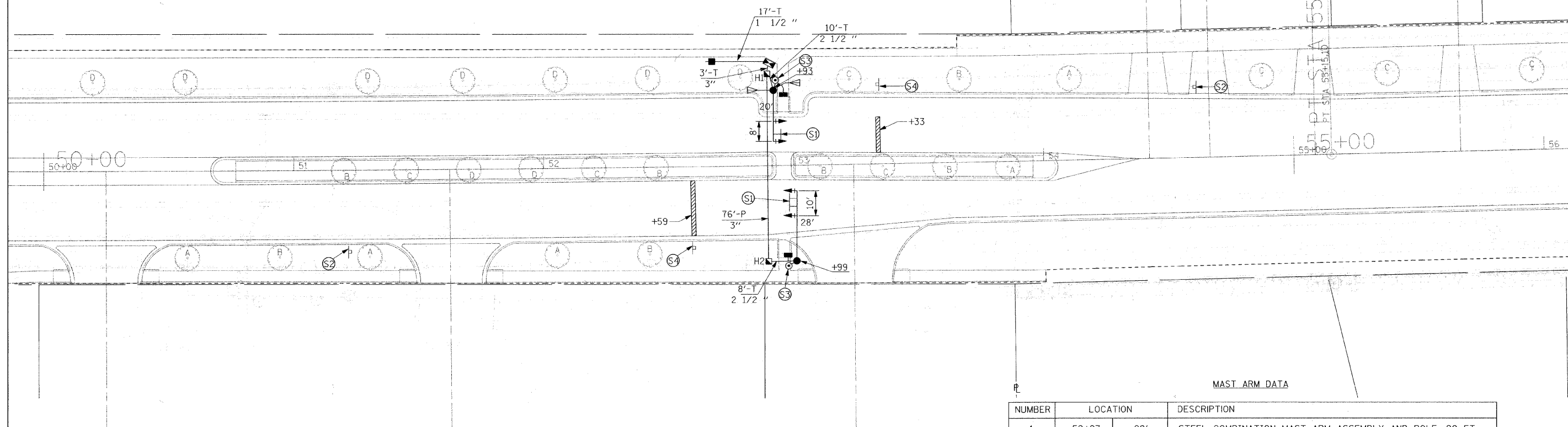
- ← TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION
- ← TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY LOCATION
- ⊗ TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT MINIMUM
- ⊠ TEMPORARY CONTROLLER CABINET
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- TEMPORARY SERVICE INSTALLATION
- ▬ TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED
- ▷ ANTENNA RADIO INTERCONNECT
- ⊠ TEMPORARY VIDEO DETECTION SYSTEM
- ⊙ PEDESTRIAN PUSHBUTTON DETECTOR
- ◁ EMERGENCY VEHICLE LIGHT DETECTOR
- ▷ CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- UD UNIT DUCT
- G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)
- HANDHOLE
- ⊠ HEAVY DUTY HANDHOLE
- CT COMMON TRENCH
- ⊠ TEMPORARY 10' MAST ARM WITH LUMINAIRE

SIGN DATA		
NUMBER	LOCATION	DESCRIPTION
S1	MAST ARMS CENTERED BETWEEN SIGNAL HEADS	2 EACH R10-23
S2	51+22 54+53 32' RT 28' LT	2 EACH W11-2* W16-6P *FLOURESCENT YELLOW
S3	MAST ARMS AT PUSH BUTTON	2 EACH R10-3b ARROW POINTING LEFT
S4	52+59 53+33 32' RT 30' LT	2 EACH R10-6a



HANDHOLE DATA

NUMBER	LOCATION	DESCRIPTION
H1	52+90	38' STANDARD HANDHOLE
H2	52+90	38' STANDARD HANDHOLE



MAST ARM DATA

NUMBER	LOCATION	DESCRIPTION
1	52+93	28' STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 20 FT.
2	52+99	38' STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.

RESTORATION OF WORK AREA

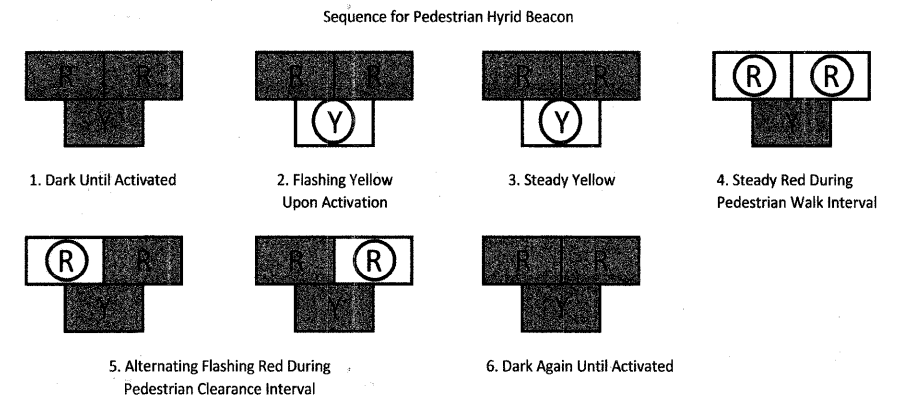
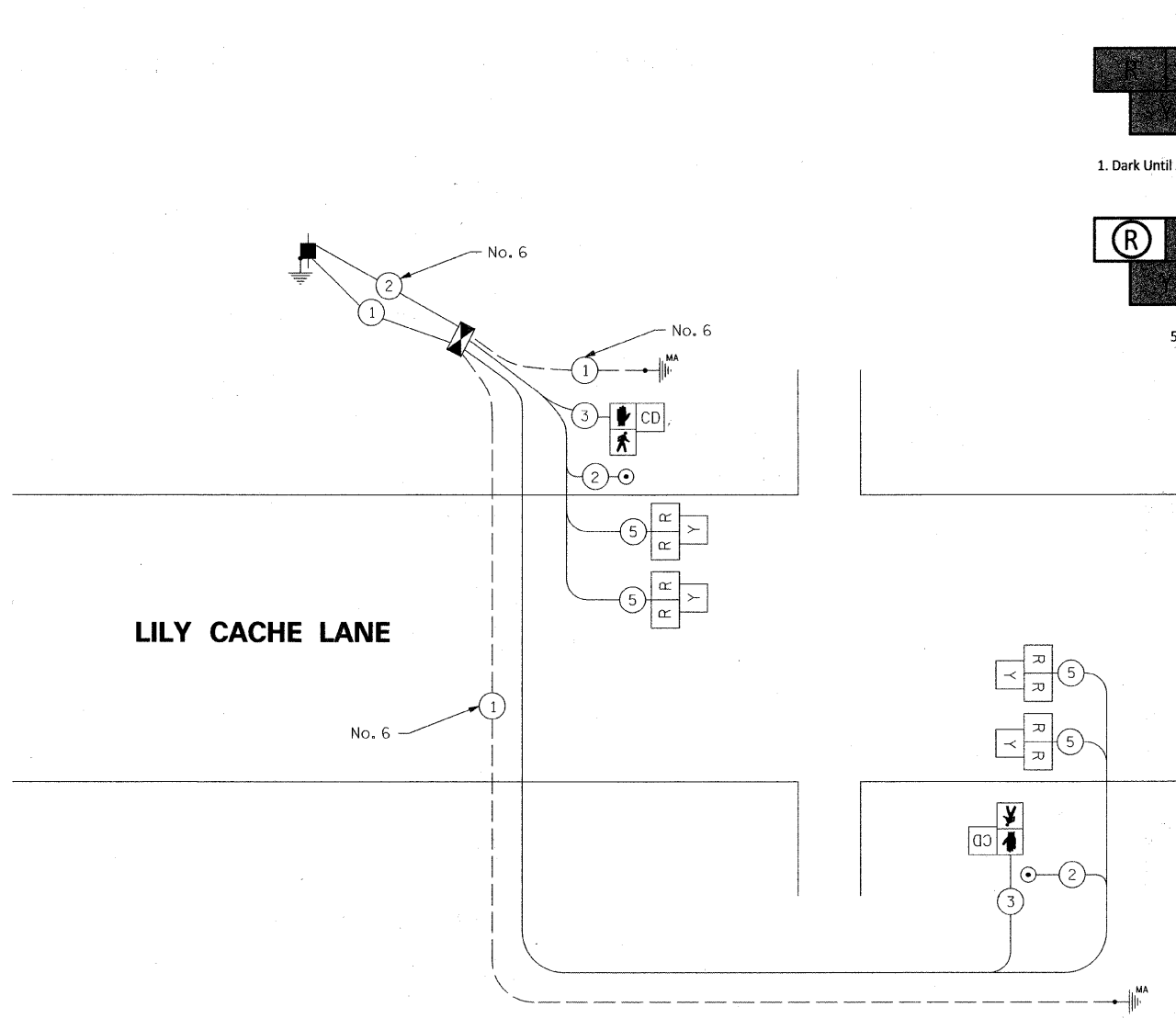
RESTORATION OF TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.



CABLE PLAN LEGEND

PROPOSED

- G 12" TRAFFIC SIGNAL SECTION
- R 12" TRAFFIC SIGNAL SECTION
- W 12" PEDESTRIAN SIGNAL SECTION
- CD 12" PEDESTRIAN SIGNAL SECTION WITH DOWNTOWN DISPLAY
- CONTROLLER CABINET
- SERVICE INSTALLATION
- T TELEPHONE INSTALLATION
- V VEHICLE DETECTOR, INDUCTION LOOP
- V VIDEO DETECTION
- EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON
- PUSHBUTTON DETECTOR
- 2 DENOTES NUMBER OF CONDUCTORS. ALL CABLE NO.14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE SHIELDED
- 1 GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)
- C COAXIAL CABLE
- 12 FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 12F
- R
Y
G
Y
G SIGNAL FACE WITH BACKPLATE. "P" INDICATES PROGRAMMED HEAD
- GROUND ROD AT HANDHOLE (H) DOUBLE HANDHOLE (H), OR CONTROLLER (C)
- GROUND ROD AT POST (P) OR MAST ARM POLE (MA)
- GROUND ROD AT ELECTRIC SERVICE INSTALLATION
- LUMINAIRE, 250 WATT
- IL ILLUMINATED STREET SIGN
- ANTENNA



TYPE	NO. LAMPS	WATTAGE INCAND.	LED	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	8	135	17	0.50	68.0
(YELLOW)	4	135	25	0.25	25.0
(GREEN)					
ARROW					
PED. SIGNAL					
CONTROLLER	1	100	100	1.00	100.0
ILLUM. SIGN					
VIDEO CAMERAS					
LUMINAIRE					
FLASHER					
TOTAL=					193.0

ENERGY COSTS TO:
VILLAGE OF BOLINGBROOK

ENERGY SUPPLY CONTACT:
PHONE: _____
COMPANY: _____

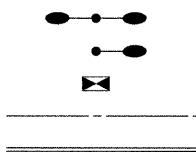
BILL OF MATERIALS

PAY ITEM NO.	ITEM	UNIT	TOTAL
72000100	SIGN PANEL-TYPE 1	FOOT	33.5
81012500	CONDUIT IN TRENCH, 1 1/2" DIA., PVC	FOOT	17
81012700	CONDUIT IN TRENCH, 2 1/2" DIA., PVC	FOOT	18
81012800	CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	3
81028090	CONDUIT, BORED AND PULLED, COILABLE NON-METALLIC CONDUIT, 3"	FOOT	76
81400100	HANDHOLE	EACH	2
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	140
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	158
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	343
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	33
87700180	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1
87702830	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 20 FT.	EACH	1
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	4
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	20
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4
88102717	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED 1-FACE, BRACKET MOUNTED, WITH COUNTDOWN TIMER	EACH	2
88800100	PEDESTRIAN PUSH-BUTTON	EACH	2
* X8050010	SERVICE INSTALLATION - GROUND MOUNTED	EACH	1

LIGHTING LEGEND

- LIGHT POLE AND LUMINAIRE, TYPE A
- LIGHT POLE AND LUMINAIRE, TYPE B
- LIGHTING CONTROLLER
- UNIT DUCT IN TRENCH
- UNIT DUCT IN CONDUIT (PUSHED)

PROPOSED



UNIT DUCT LEGEND

- (A) UNIT DUCT, 600V, 3-1C NO. 8, 1/C NO. 8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE
- (B) UNIT DUCT, 600V, 2-1C NO. 6, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE
- (C) UNIT DUCT, 600V, 2-1C NO. 4, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE

BILL OF MATERIALS

PAY ITEM NO.	ITEM	UNIT	TOTAL
80400100	ELECTRIC SERVICE INSTALLATION	EACH	3
* 80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1
81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	150
81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	914
81018700	CONDUIT PUSHED, 3" DIA., GALVANIZED STEEL	FOOT	412
81603025	UNIT DUCT, 600V, 2-1C NO. 4, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	2,700
81603035	UNIT DUCT, 600V, 2-1C NO. 6, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	2,590
81603060	UNIT DUCT, 600V, 3-1C NO. 8, 1/C NO. 8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	4,800
81702440	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 1/0	FOOT	150
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	4,400
82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	48
* 82500505	LIGHTING CONTROLLER, SPECIAL	EACH	3
83007400	LIGHT POLE, ALUMINUM, 35 FT. M.H., 10 FT. MAST ARM	EACH	27
X8302435	LIGHT POLE, ALUMINUM, 35 FT. M.H., 10 FT. MAST ARM - TWIN	EACH	10
83007600	LIGHT POLE, ALUMINUM, 35 FT. M.H., 15 FT. MAST ARM	EACH	1
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	306
83600215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	36
83800105	BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE	EACH	38
84200500	REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	EACH	15
X0324901	REMOVE EXISTING STREET LIGHTING FOUNDATION	EACH	15
* X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	150

(**) EXIST LIGHTING UNITS REMOVED ARE TO BE RETURNED TO THE VILLAGE;
VILLAGE OF BOLINGBROOK PUBLIC WORKS FACILITY, 299 CANTEBURY LANE, BOLINGBROOK, IL

