










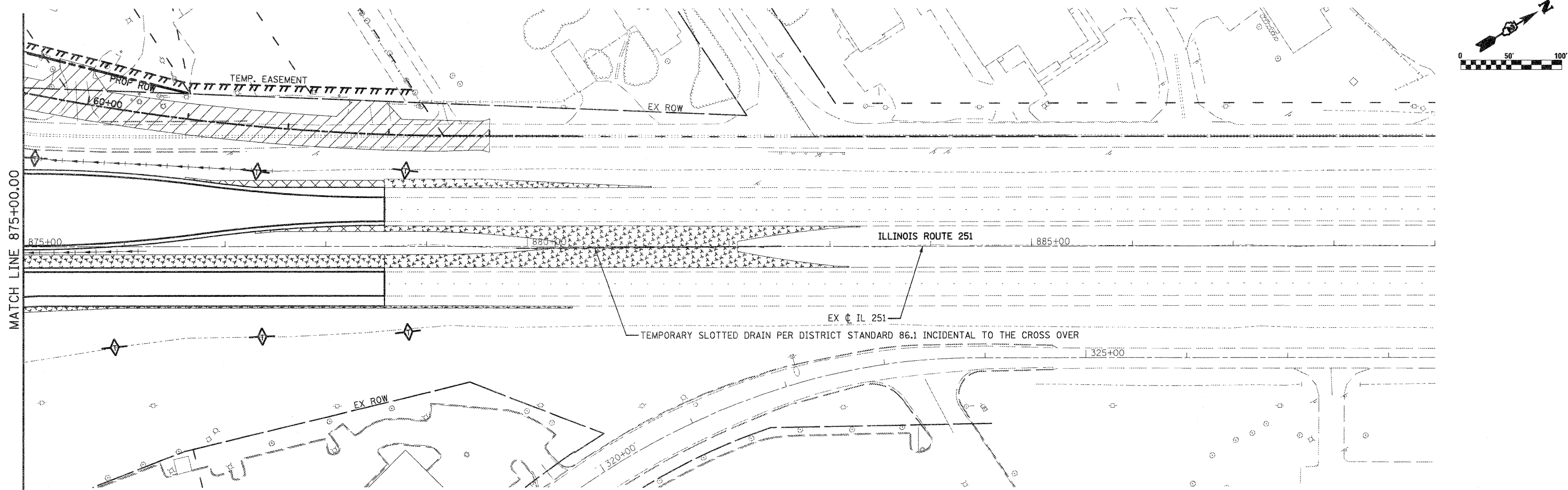
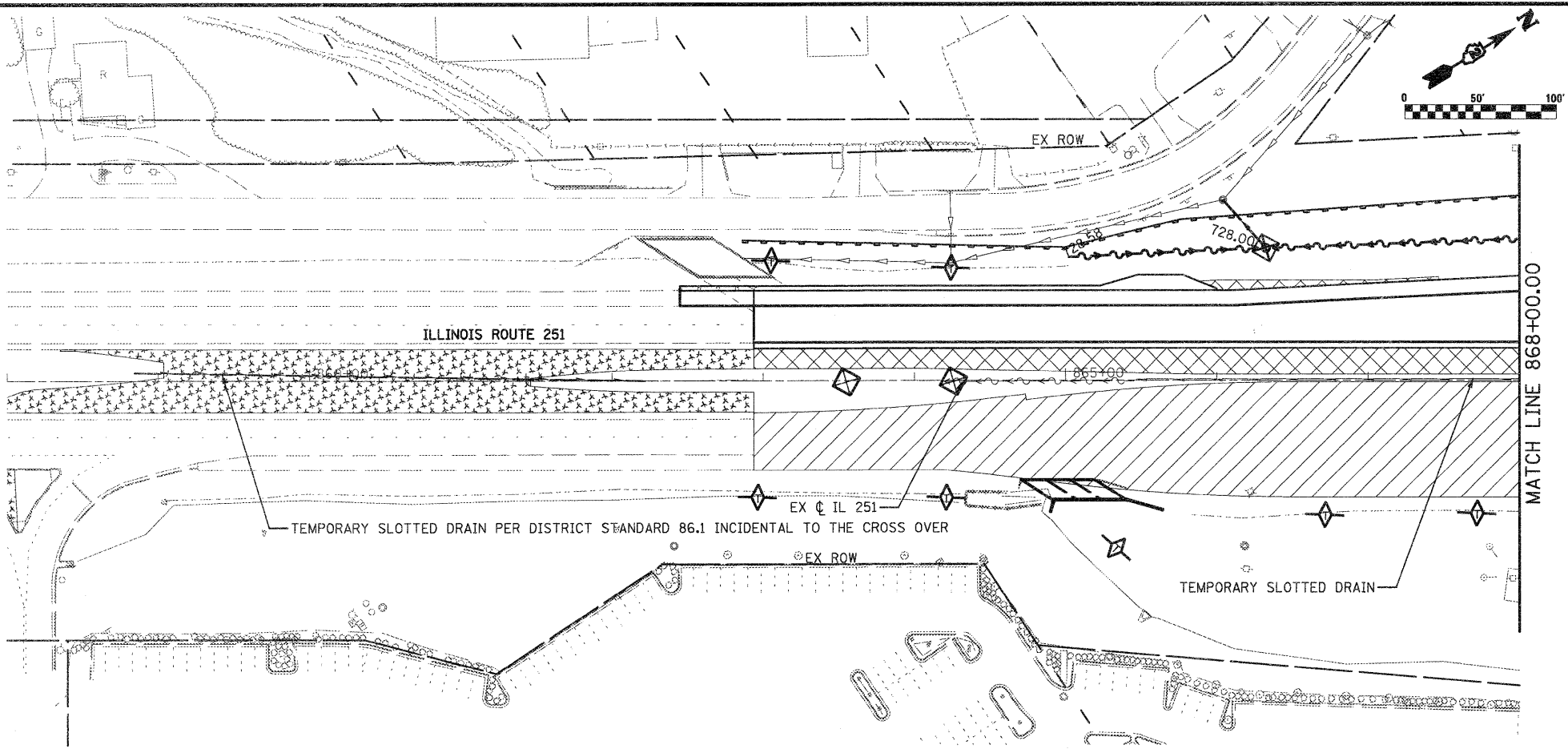


LEGEND

-  TEMPORARY DITCH CHECK
-  INLET & PIPE PROTECTION
-  PERIMETER EROSION BARRIER
- ① REMOVE EXISTING CLOSED LID FROM TYPE 1 FRAME AND REPLACE W/ OPEN LID, ADJUST RIM TO GRADE
- ② REMOVE TOP OF EXISTING INLET AND COVER W/ STEEL PLATE
- ③ TEMPORARY STEEL PLATE ON PROPOSED STRUCTURE
-  TEMPORARY DITCH
-  TEMPORARY SWALE
-  CONSTRUCTION ZONE
-  TEMPORARY PAVEMENT
-  TEMPORARY PAVEMENT FROM PREVIOUS STAGE
-  PERMANENT DITCH
-  EXISTING STORM SEWER
-  TEMPORARY/PROPOSED STORM SEWER

NOTES:

1. FOR MORE DRAINAGE INFORMATION SEE PROPOSED DRAINAGE PLANS.
2. PERIMETER EROSION BARRIER IS LOCATED ON TEMP. EASEMENT/PERM. EASEMENT/R.O.W. LINE AS SHOWN ON THE PLANS.
3. FOR MORE STAGE CONSTRUCTION INFORMATION SEE STAGING AND TRAFFIC CONTROL PLANS.



FILE NAME =
D264987-shr-eros285.dgn

USER NAME = 3282890971
PLOT SCALE = 100.0000' / IN.
PLOT DATE = 1/10/2011

DESIGNED - LOM
DRAWN - MD
CHECKED - PDK
DATE - 01-19-2011

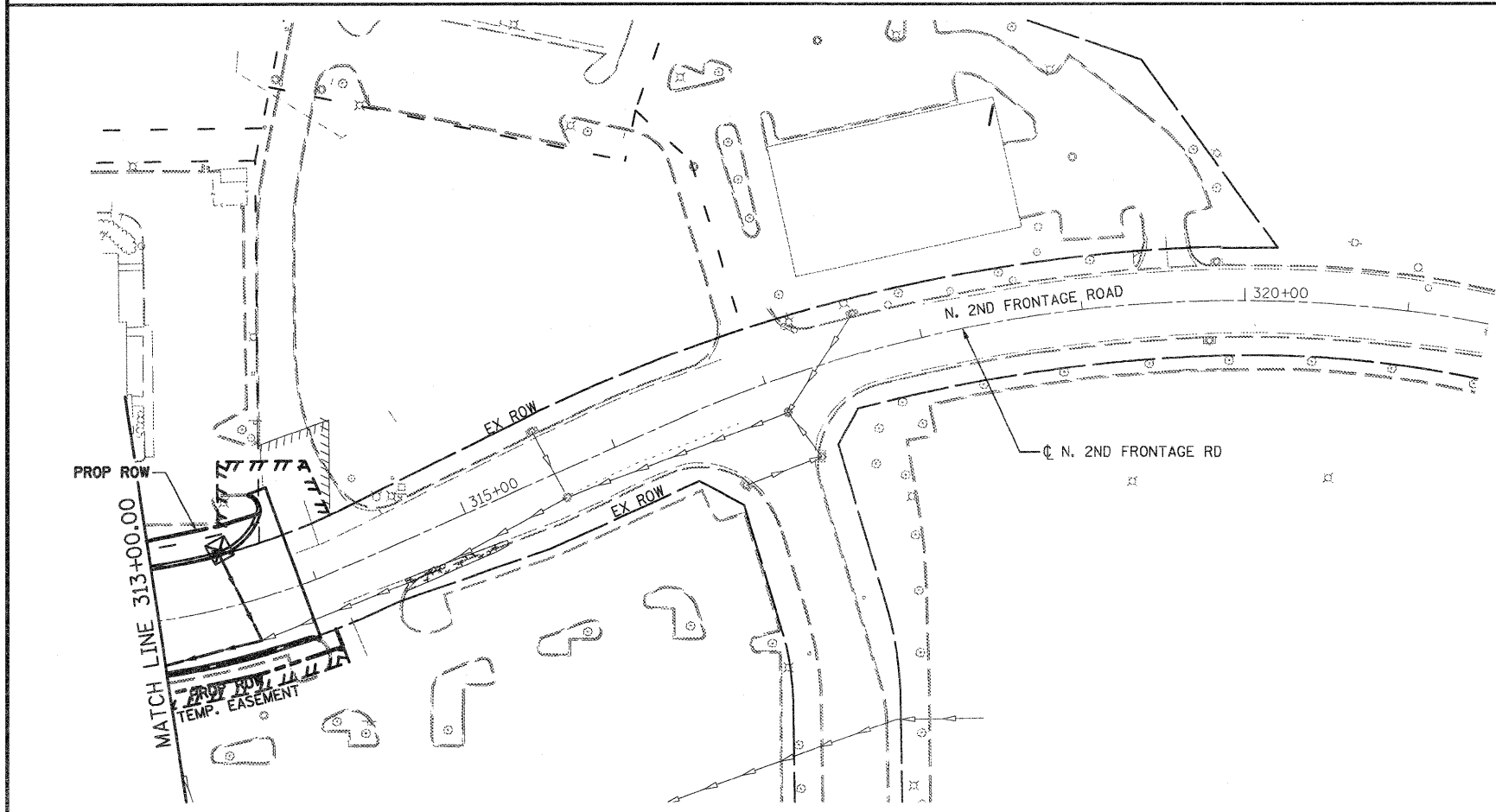
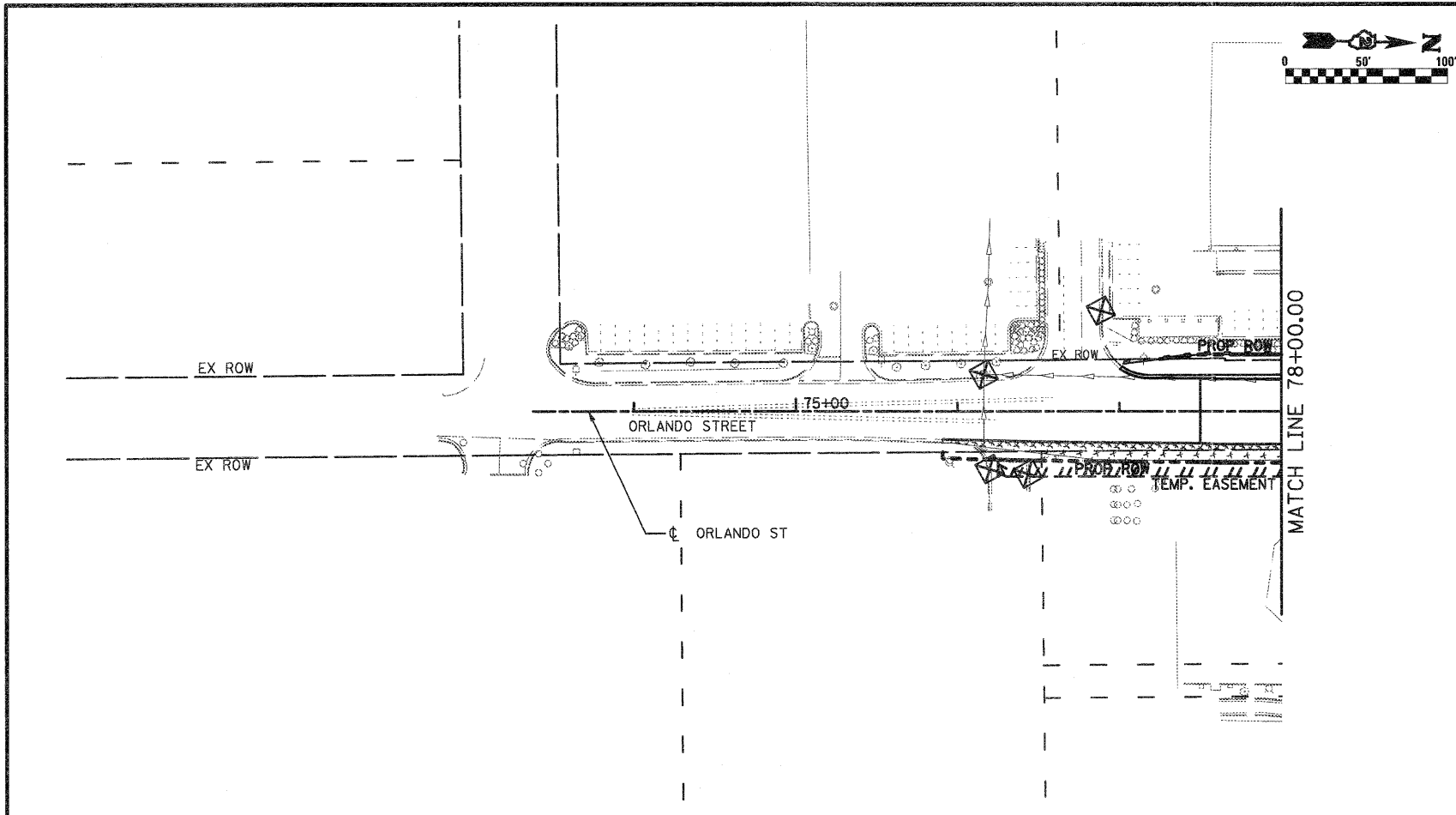
REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STORM WATER POLLUTION PREVENTION PLAN
& TEMPORARY DRAINAGE
STAGE 2B**
858+00.00 868+00.00
SCALE: SHEET NO. OF SHEETS STA. 875+00.00 TO STA. 889+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K-1	WINNEBAGO	401	201
CONTRACT NO. 64987				

FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT



- NOTES:**
- FOR MORE DRAINAGE INFORMATION SEE PROPOSED DRAINAGE PLANS.
 - PERIMETER EROSION BARRIER IS LOCATED ON TEMP. EASEMENT/PERM. EASEMENT/R.O.W. LINE AS SHOWN ON THE PLANS.
 - FOR MORE STAGE CONSTRUCTION INFORMATION SEE STAGING AND TRAFFIC CONTROL PLANS.

LEGEND

	TEMPORARY DITCH CHECK		TEMPORARY DITCH
	INLET & PIPE PROTECTION		TEMPORARY SWALE
	PERIMETER EROSION BARRIER		CONSTRUCTION ZONE
	REMOVE EXISTING CLOSED LID FROM TYPE 1 FRAME AND REPLACE W/ OPEN LID, ADJUST RIM TO GRADE		TEMPORARY PAVEMENT
	REMOVE TOP OF EXISTING INLET AND COVER W/ STEEL PLATE		TEMPORARY PAVEMENT FROM PREVIOUS STAGE
	TEMPORARY STEEL PLATE ON PROPOSED STRUCTURE		PERMANENT DITCH
			EXISTING STORM SEWER
			TEMPORARY/PROPOSED STORM SEWER

FILE NAME = D264987-shr-eros2B7.dgn

USER NAME = 3202090971
 PLOT SCALE = 100.0000' / IN.
 PLOT DATE = 1/18/2011

DESIGNED - LOM
 DRAWN - MD
 CHECKED - PDK
 DATE - 01-19-2011

REVISED -
 REVISED -
 REVISED -
 REVISED -

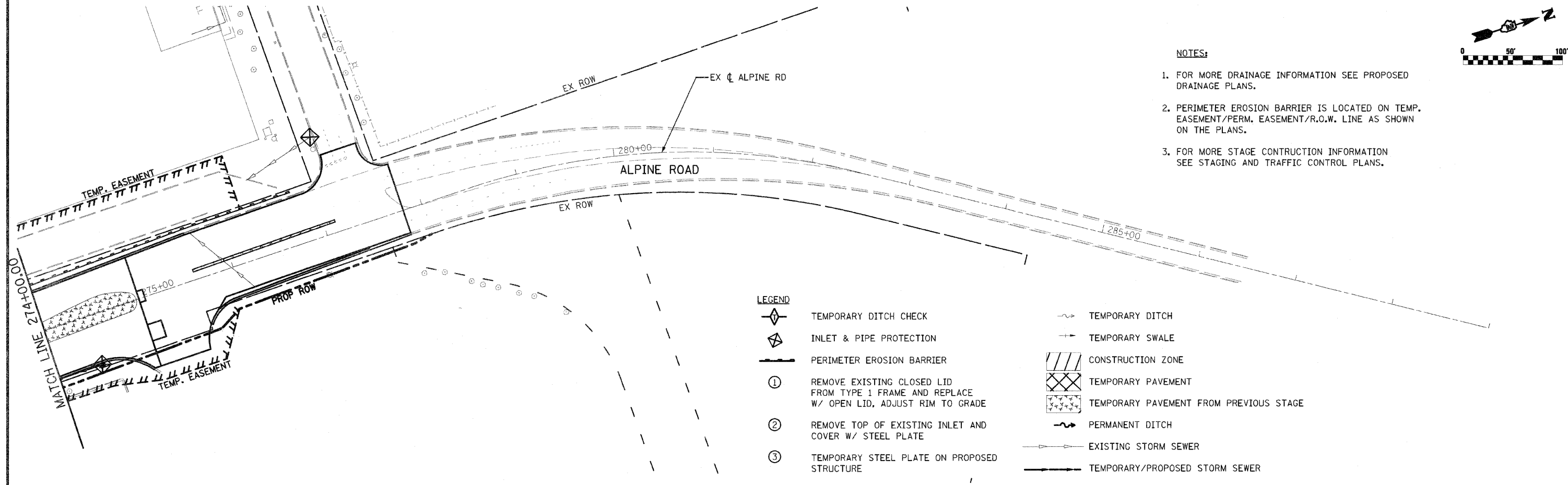
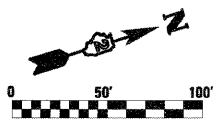
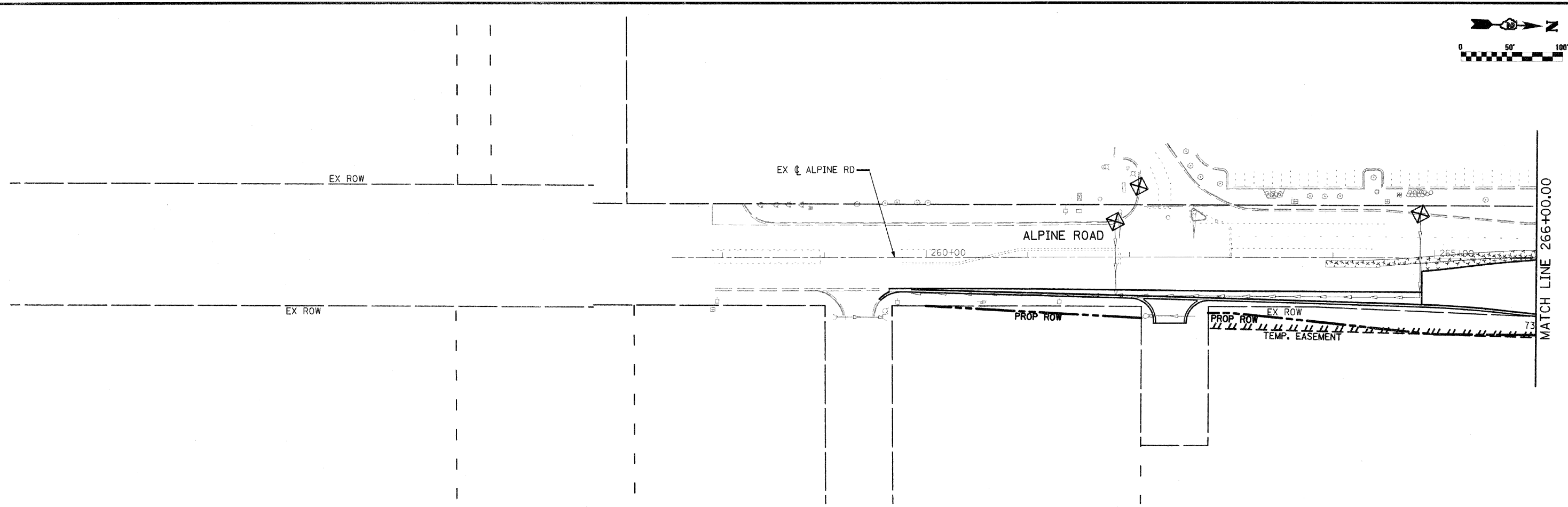
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**STORM WATER POLLUTION PREVENTION PLAN
 & TEMPORARY DRAINAGE
 STAGE 2B STA. 70+50.00 TO STA. 78+00.00**

SCALE: SHEET NO. OF SHEETS STA. 315+00.00 TO STA. 321+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K-1	WINNEBAGO	401	202
CONTRACT NO. 64987				

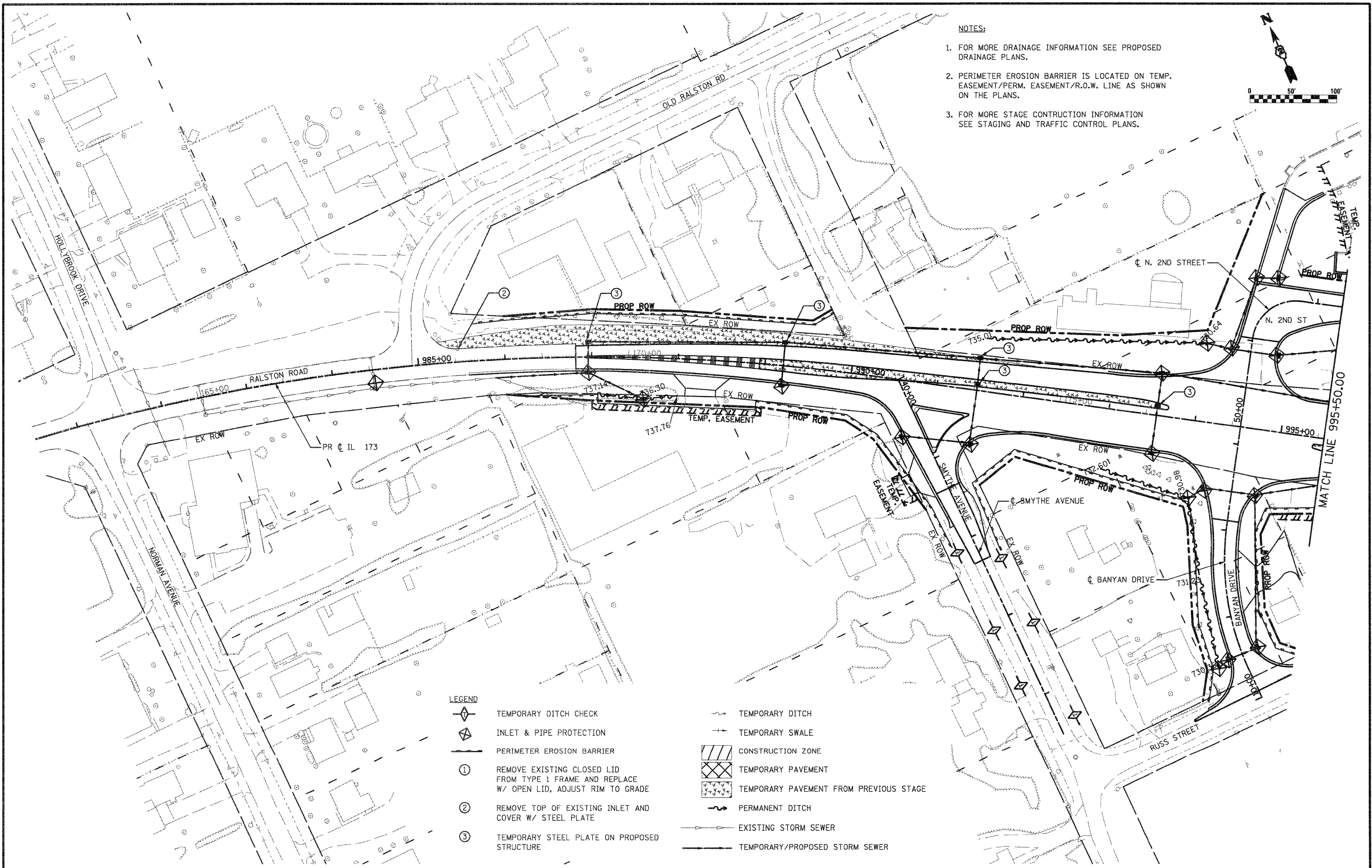
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT



- NOTES:**
1. FOR MORE DRAINAGE INFORMATION SEE PROPOSED DRAINAGE PLANS.
 2. PERIMETER EROSION BARRIER IS LOCATED ON TEMP. EASEMENT/PERM. EASEMENT/R.O.W. LINE AS SHOWN ON THE PLANS.
 3. FOR MORE STAGE CONSTRUCTION INFORMATION SEE STAGING AND TRAFFIC CONTROL PLANS.

- LEGEND**
- TEMPORARY DITCH CHECK
 - INLET & PIPE PROTECTION
 - PERIMETER EROSION BARRIER
 - ① REMOVE EXISTING CLOSED LID FROM TYPE 1 FRAME AND REPLACE W/ OPEN LID, ADJUST RIM TO GRADE
 - ② REMOVE TOP OF EXISTING INLET AND COVER W/ STEEL PLATE
 - ③ TEMPORARY STEEL PLATE ON PROPOSED STRUCTURE
 - TEMPORARY DITCH
 - TEMPORARY SWALE
 - CONSTRUCTION ZONE
 - TEMPORARY PAVEMENT
 - TEMPORARY PAVEMENT FROM PREVIOUS STAGE
 - PERMANENT DITCH
 - EXISTING STORM SEWER
 - TEMPORARY/PROPOSED STORM SEWER

FILE NAME = 0264987-shh-eros288.dgn	USER NAME = 3202090971	DESIGNED - LOM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STORM WATER POLLUTION PREVENTION PLAN & TEMPORARY DRAINAGE STAGE 2B		F.A.P. RTE. = 303	SECTION = 129K-1	COUNTY = WINNEBAGO	TOTAL SHEETS = 401	SHEET NO. = 203
	PLOT SCALE = 100.0000' / IN.	CHECKED - PDK	REVISED -				CONTRACT NO. 64987				
PLOT DATE = 3/16/2011	DATE = 03-16-2011	REVISED -	REVISED -	SCALE: SHEET NO. OF SHEETS STA. 241+50.00 TO STA. 266+00.00		FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT					



NOTES:

1. FOR MORE DRAINAGE INFORMATION SEE PROPOSED DRAINAGE PLANS.
2. PERIMETER EROSION BARRIER IS LOCATED ON TEMP. EASEMENT/PERM. EASEMENT/R.O.W. LINE AS SHOWN ON THE PLANS.
3. FOR MORE STAGE CONSTRUCTION INFORMATION SEE STAGING AND TRAFFIC CONTROL PLANS.

LEGEND

- TEMPORARY DITCH CHECK
- INLET & PIPE PROTECTION
- PERIMETER EROSION BARRIER
- REMOVE EXISTING CLOSED LID FROM TYPE 1 FRAME AND REPLACE W/ OPEN LID, ADJUST RIM TO GRADE
- REMOVE TOP OF EXISTING INLET AND COVER W/ STEEL PLATE
- TEMPORARY STEEL PLATE ON PROPOSED STRUCTURE
- TEMPORARY DITCH
- TEMPORARY SWALE
- CONSTRUCTION ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT FROM PREVIOUS STAGE
- PERMANENT DITCH
- EXISTING STORM SEWER
- TEMPORARY/PROPOSED STORM SEWER

FILE NAME = D264987-sh1-eros2C1.dgn

USER NAME = 3202890971
 PLOT SCALE = 100.0000' / IN.
 PLOT DATE = 1/18/2011

DESIGNED - LOM
 DRAWN - MD
 CHECKED - PDK
 DATE - 01-19-2011

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

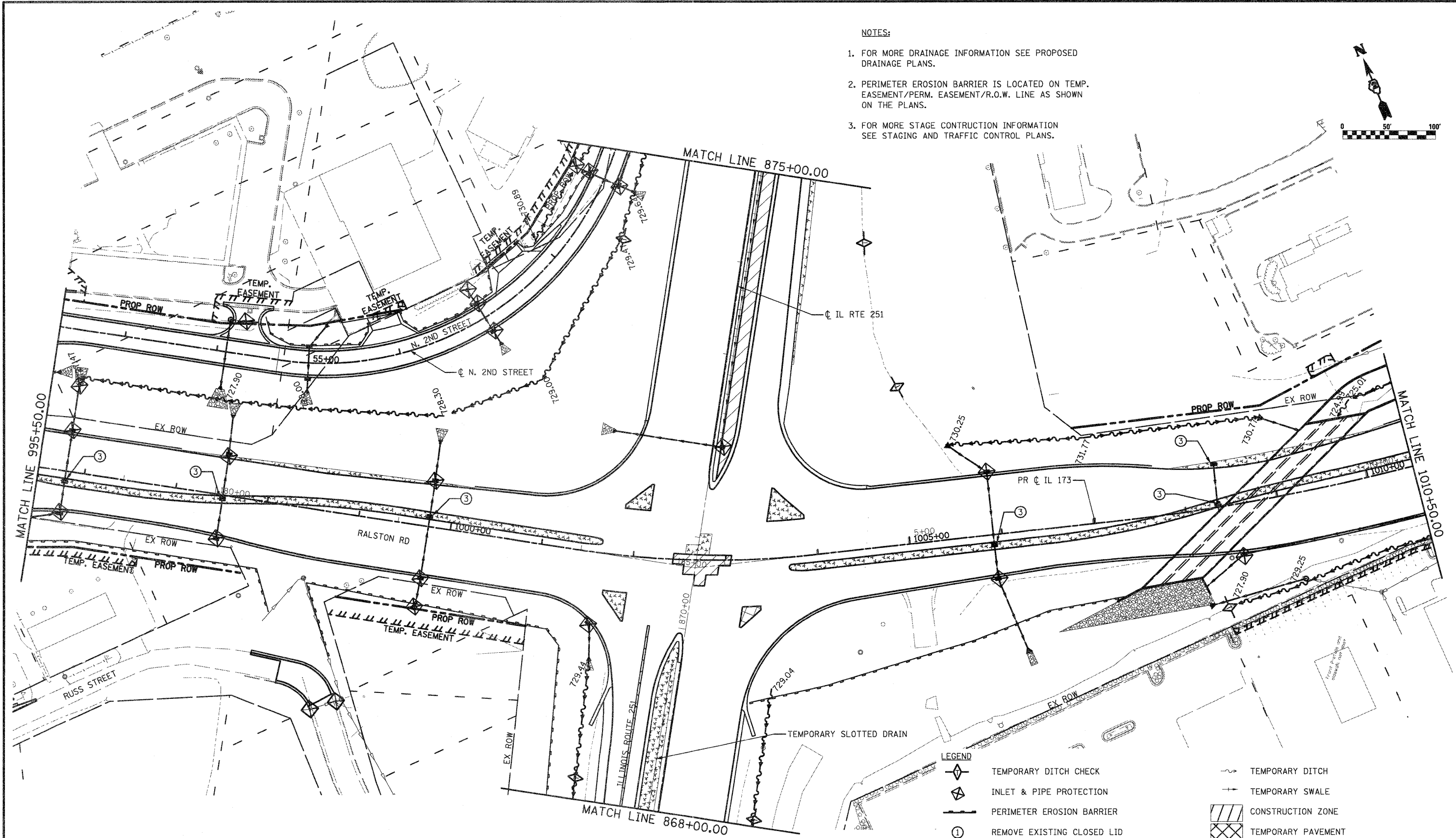
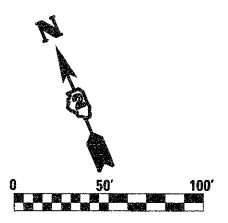
**STORM WATER POLLUTION PREVENTION PLAN
 & TEMPORARY DRAINAGE
 STAGE 2C**

SCALE: SHEET NO. OF SHEETS STA. 980+50.00 TO STA. 995+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K-1	WINNEBAGO	401	204

CONTRACT NO. 64987
 FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT

- NOTES:**
- FOR MORE DRAINAGE INFORMATION SEE PROPOSED DRAINAGE PLANS.
 - PERIMETER EROSION BARRIER IS LOCATED ON TEMP. EASEMENT/PERM. EASEMENT/R.O.W. LINE AS SHOWN ON THE PLANS.
 - FOR MORE STAGE CONSTRUCTION INFORMATION SEE STAGING AND TRAFFIC CONTROL PLANS.



LEGEND	
	TEMPORARY DITCH CHECK
	INLET & PIPE PROTECTION
	PERIMETER EROSION BARRIER
	REMOVE EXISTING CLOSED LID FROM TYPE 1 FRAME AND REPLACE W/ OPEN LID, ADJUST RIM TO GRADE
	REMOVE TOP OF EXISTING INLET AND COVER W/ STEEL PLATE
	TEMPORARY STEEL PLATE ON PROPOSED STRUCTURE
	TEMPORARY DITCH
	TEMPORARY SWALE
	CONSTRUCTION ZONE
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT FROM PREVIOUS STAGE
	PERMANENT DITCH
	EXISTING STORM SEWER
	TEMPORARY/PROPOSED STORM SEWER

FILE NAME = D264987-ah-eros2C2.dgn

USER NAME = 3282090971
 PLOT SCALE = 100.0000' / IN.
 PLOT DATE = 1/18/2011

DESIGNED - LOM
 DRAWN - MD
 CHECKED - PDK
 DATE - 01-19-2011

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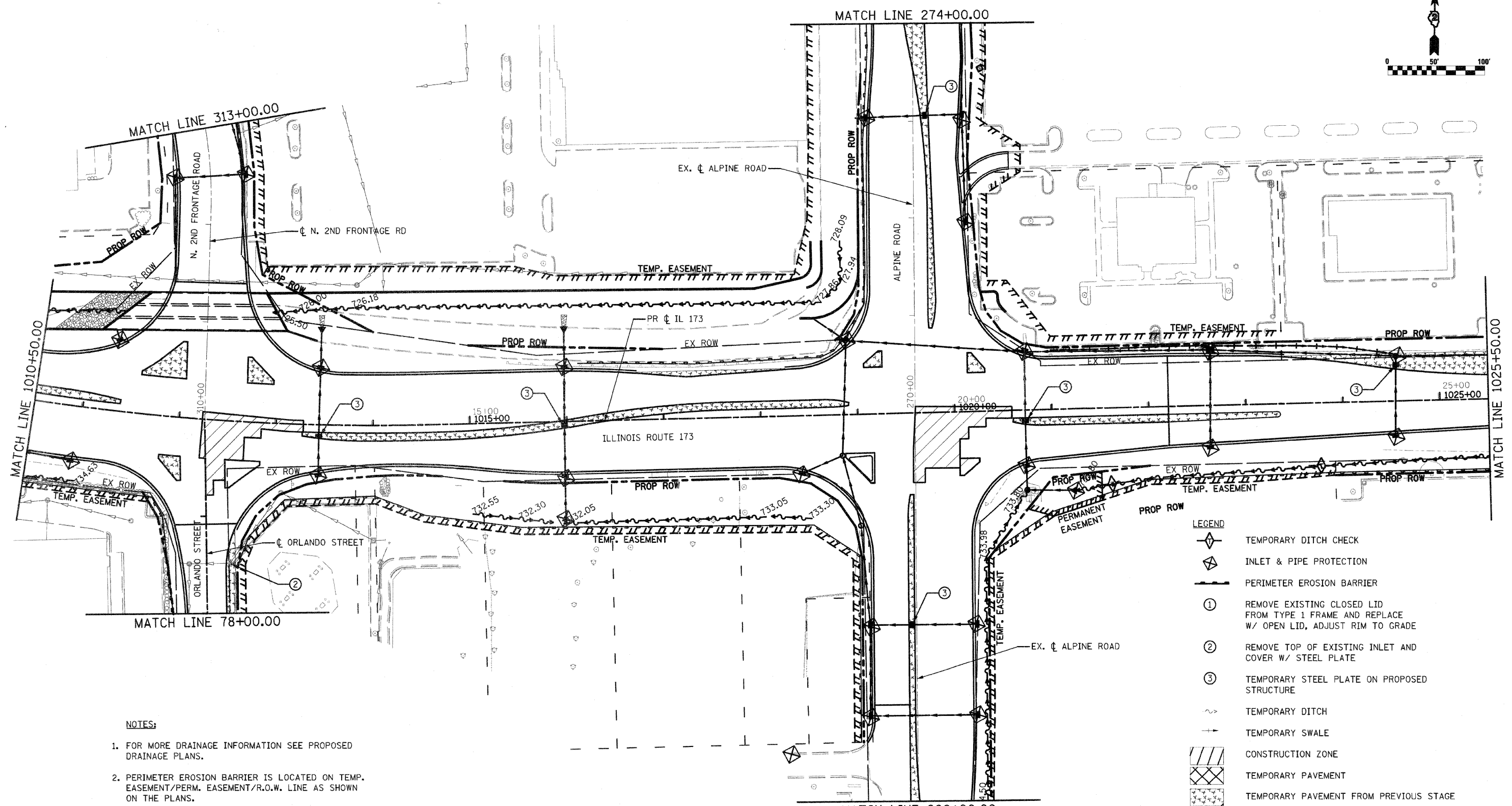
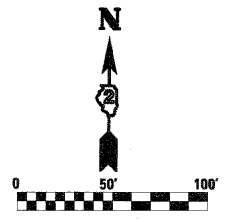
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**STORM WATER POLLUTION PREVENTION PLAN
 & TEMPORARY DRAINAGE
 STAGE 2C**

SCALE: SHEET NO. OF SHEETS STA. 995+50.00 TO STA. 1010+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K-1	WINNEBAGO	401	205

CONTRACT NO. 64987
 FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT



- NOTES:**
1. FOR MORE DRAINAGE INFORMATION SEE PROPOSED DRAINAGE PLANS.
 2. PERIMETER EROSION BARRIER IS LOCATED ON TEMP. EASEMENT/PERM. EASEMENT/R.O.W. LINE AS SHOWN ON THE PLANS.
 3. FOR MORE STAGE CONTRUCTION INFORMATION SEE STAGING AND TRAFFIC CONTROL PLANS.

- LEGEND**
- TEMPORARY DITCH CHECK
 - INLET & PIPE PROTECTION
 - PERIMETER EROSION BARRIER
 - ① REMOVE EXISTING CLOSED LID FROM TYPE 1 FRAME AND REPLACE W/ OPEN LID, ADJUST RIM TO GRADE
 - ② REMOVE TOP OF EXISTING INLET AND COVER W/ STEEL PLATE
 - ③ TEMPORARY STEEL PLATE ON PROPOSED STRUCTURE
 - TEMPORARY DITCH
 - TEMPORARY SWALE
 - CONSTRUCTION ZONE
 - TEMPORARY PAVEMENT
 - TEMPORARY PAVEMENT FROM PREVIOUS STAGE
 - PERMANENT DITCH
 - EXISTING STORM SEWER
 - TEMPORARY/PROPOSED STORM SEWER

FILE NAME = 0264987-ahb-arcs2C3.dgn

USER NAME = 3282898971
 PLOT SCALE = 100.0000' / IN.
 PLOT DATE = 3/16/2011

DESIGNED - LOM
 DRAWN - MD
 CHECKED - PDK
 DATE - 03-16-2011

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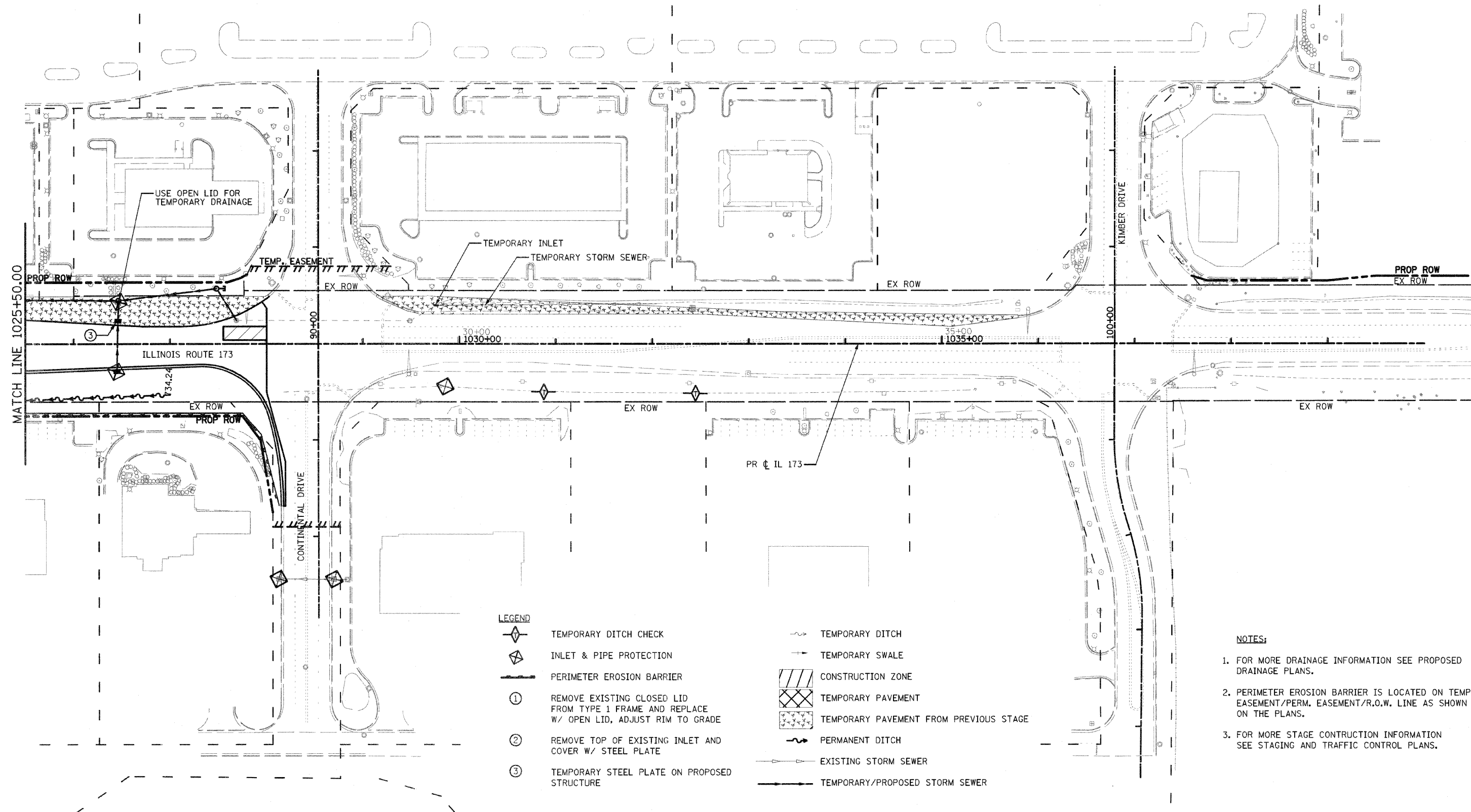
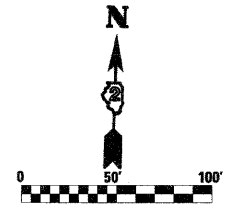
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**STORM WATER POLLUTION PREVENTION PLAN
 & TEMPORARY DRAINAGE
 STAGE 2C**

SCALE: SHEET NO. OF SHEETS STA. 1010+50.00 TO STA. 1025+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K-1	WINNEBAGO	401	206

CONTRACT NO. 64987
 FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT



- LEGEND**
- TEMPORARY DITCH CHECK
 - INLET & PIPE PROTECTION
 - PERIMETER EROSION BARRIER
 - ① REMOVE EXISTING CLOSED LID FROM TYPE 1 FRAME AND REPLACE W/ OPEN LID, ADJUST RIM TO GRADE
 - ② REMOVE TOP OF EXISTING INLET AND COVER W/ STEEL PLATE
 - ③ TEMPORARY STEEL PLATE ON PROPOSED STRUCTURE
 - TEMPORARY DITCH
 - TEMPORARY SWALE
 - CONSTRUCTION ZONE
 - TEMPORARY PAVEMENT
 - TEMPORARY PAVEMENT FROM PREVIOUS STAGE
 - PERMANENT DITCH
 - EXISTING STORM SEWER
 - TEMPORARY/PROPOSED STORM SEWER

- NOTES:**
1. FOR MORE DRAINAGE INFORMATION SEE PROPOSED DRAINAGE PLANS.
 2. PERIMETER EROSION BARRIER IS LOCATED ON TEMP. EASEMENT/PERM. EASEMENT/R.O.W. LINE AS SHOWN ON THE PLANS.
 3. FOR MORE STAGE CONSTRUCTION INFORMATION SEE STAGING AND TRAFFIC CONTROL PLANS.

FILE NAME = 0264987-shr-eros2C4.dgn

USER NAME = 328289971
 PLOT SCALE = 100.0000' / 1" IN.
 PLOT DATE = 3/16/2011

DESIGNED - LOM
 DRAWN - MD
 CHECKED - PDK
 DATE - 03-16-2011

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**












**STORM WATER POLLUTION PREVENTION PLAN
 & TEMPORARY DRAINAGE
 STAGE 2C**

SCALE: SHEET NO. OF SHEETS STA. 1025+50.00 TO STA. 1040+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K-1	WINNEBAGO	401	207
CONTRACT NO. 64987				

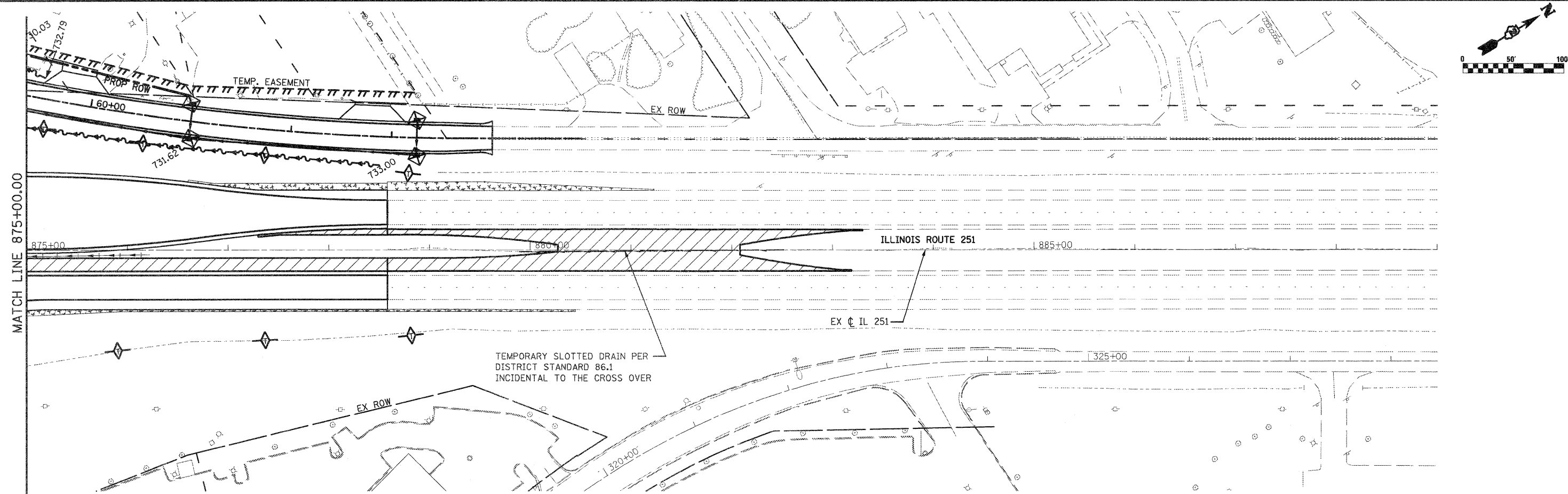
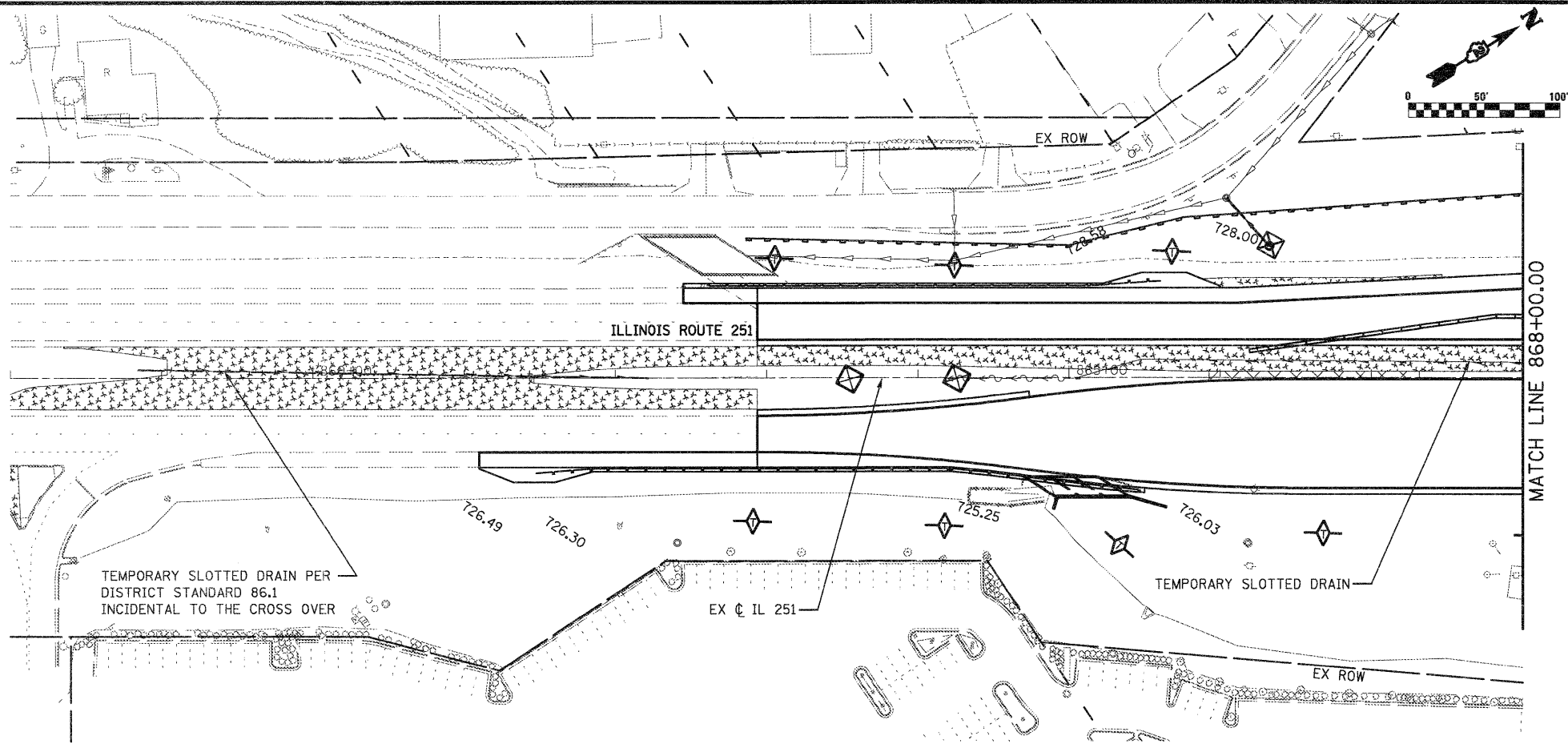
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT

LEGEND

-  TEMPORARY DITCH CHECK
-  INLET & PIPE PROTECTION
-  PERIMETER EROSION BARRIER
- ① REMOVE EXISTING CLOSED LID FROM TYPE 1 FRAME AND REPLACE W/ OPEN LID, ADJUST RIM TO GRADE
- ② REMOVE TOP OF EXISTING INLET AND COVER W/ STEEL PLATE
- ③ TEMPORARY STEEL PLATE ON PROPOSED STRUCTURE
-  TEMPORARY DITCH
-  TEMPORARY SWALE
-  CONSTRUCTION ZONE
-  TEMPORARY PAVEMENT
-  TEMPORARY PAVEMENT FROM PREVIOUS STAGE
-  PERMANENT DITCH
-  EXISTING STORM SEWER
-  TEMPORARY/PROPOSED STORM SEWER

NOTES:

1. FOR MORE DRAINAGE INFORMATION SEE PROPOSED DRAINAGE PLANS.
2. PERIMETER EROSION BARRIER IS LOCATED ON TEMP. EASEMENT/PERM. EASEMENT/R.O.W. LINE AS SHOWN ON THE PLANS.
3. FOR MORE STAGE CONSTRUCTION INFORMATION SEE STAGING AND TRAFFIC CONTROL PLANS.



FILE NAME =
D264987-ah-eros2C5.dgn

USER NAME = 328289971
PLOT SCALE = 1/8" = 100.0000' / IN.
PLOT DATE = 1/18/2011

DESIGNED - LOM
DRAWN - MD
CHECKED - PDK
DATE - 01-19-2011

REVISED -
REVISED -
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REVISED -

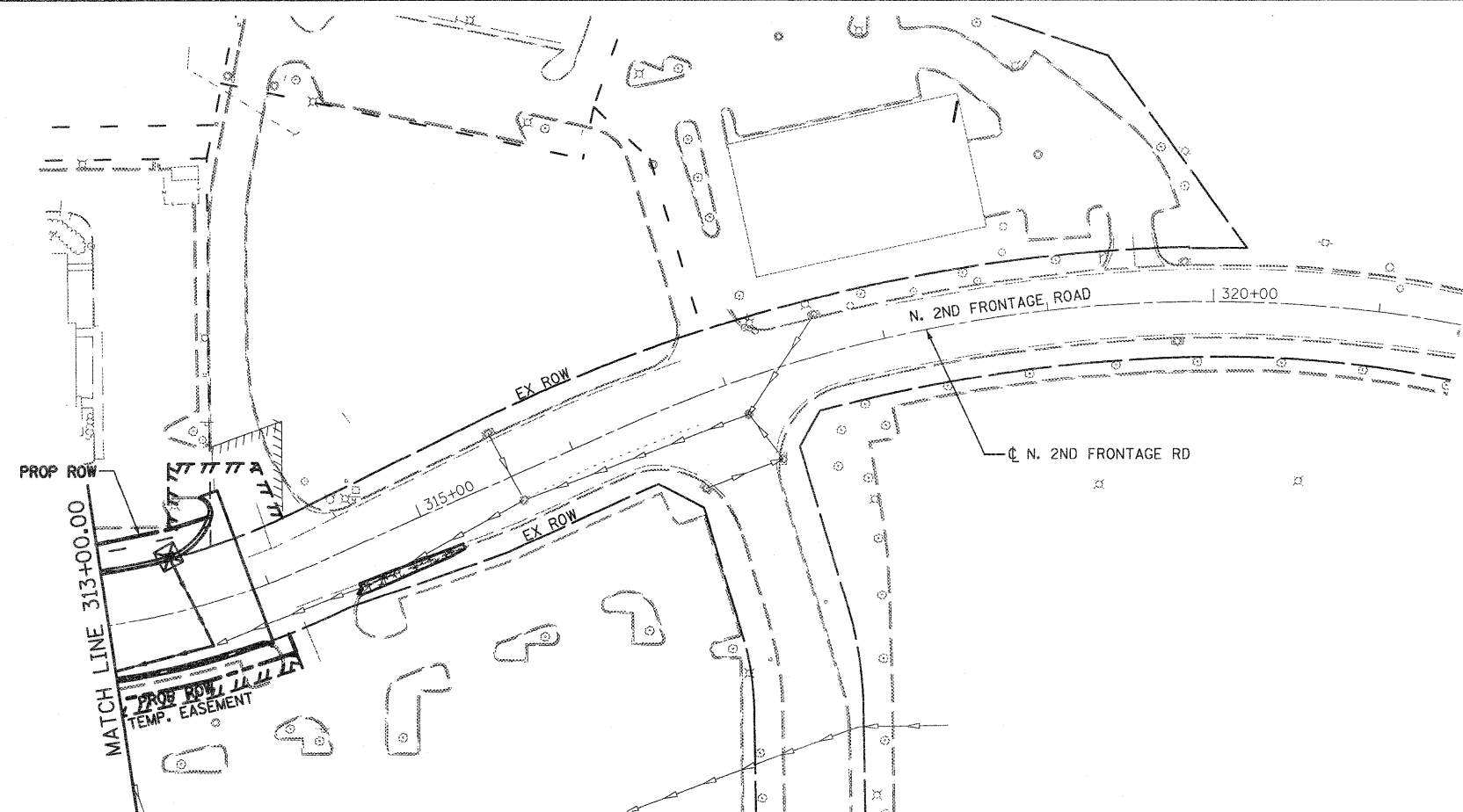
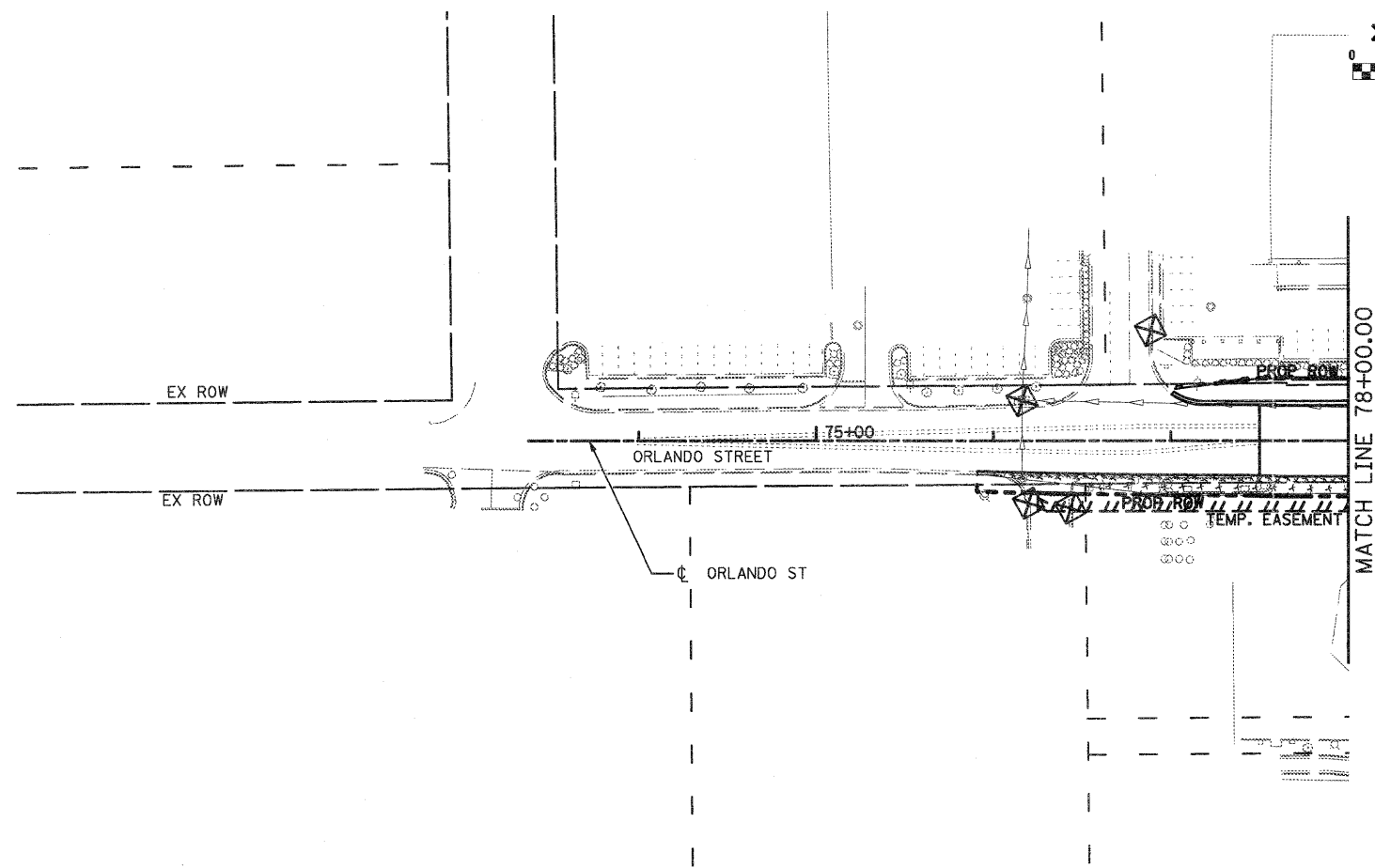
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STORM WATER POLLUTION PREVENTION PLAN
& TEMPORARY DRAINAGE
STAGE 2C**

SCALE: SHEET NO. OF SHEETS STA. 875+00.00 TO STA. 889+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K-1	WINNEBAGO	401	208
				CONTRACT NO. 64987

FED. ROAD DIST. NO. 2 [ILLINOIS] FED. AID PROJECT



NOTES:

1. FOR MORE DRAINAGE INFORMATION SEE PROPOSED DRAINAGE PLANS.
2. PERIMETER EROSION BARRIER IS LOCATED ON TEMP. EASEMENT/PERM. EASEMENT/R.O.W. LINE AS SHOWN ON THE PLANS.
3. FOR MORE STAGE CONSTRUCTION INFORMATION SEE STAGING AND TRAFFIC CONTROL PLANS.

LEGEND

- | | | | |
|---|---|--|--|
| | TEMPORARY DITCH CHECK | | TEMPORARY DITCH |
| | INLET & PIPE PROTECTION | | TEMPORARY SWALE |
| | PERIMETER EROSION BARRIER | | CONSTRUCTION ZONE |
| ① | REMOVE EXISTING CLOSED LID FROM TYPE 1 FRAME AND REPLACE W/ OPEN LID, ADJUST RIM TO GRADE | | TEMPORARY PAVEMENT |
| ② | REMOVE TOP OF EXISTING INLET AND COVER W/ STEEL PLATE | | TEMPORARY PAVEMENT FROM PREVIOUS STAGE |
| ③ | TEMPORARY STEEL PLATE ON PROPOSED STRUCTURE | | PERMANENT DITCH |
| | | | EXISTING STORM SEWER |
| | | | TEMPORARY/PROPOSED STORM SEWER |

FILE NAME = D264987-sh1*eros2C7.dgn

USER NAME = 3202890971

DESIGNED - LOM
DRAWN - MD

REVISED -
REVISED -

PLOT SCALE = 100.0000' / IN.
PLOT DATE = 1/18/2011

CHECKED - PDK
DATE - 01-19-2011

REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

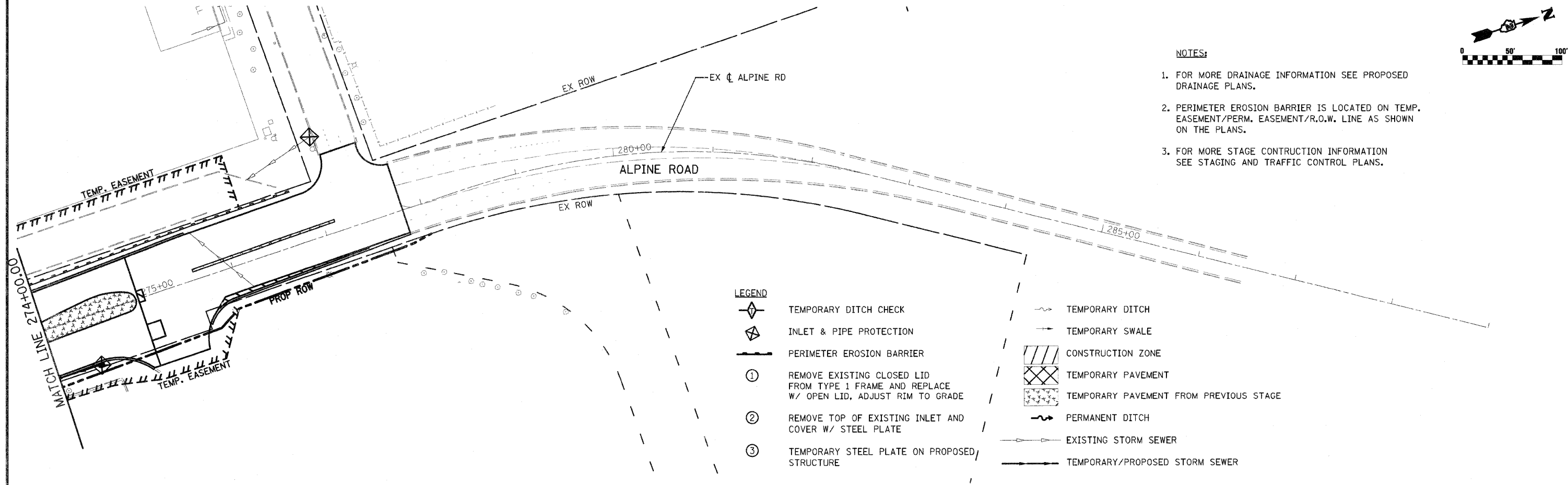
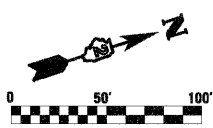
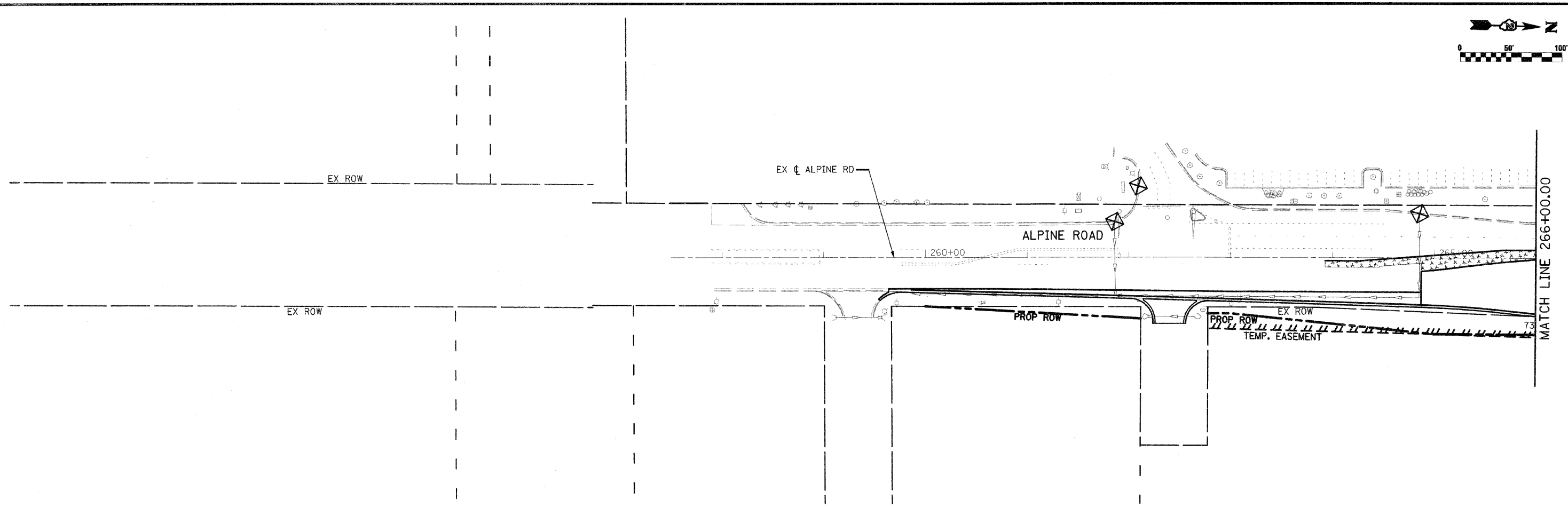
**STORM WATER POLLUTION PREVENTION PLAN
& TEMPORARY DRAINAGE**

STAGE 2C STA. 70+50.00 TO STA. 78+00.00

SCALE: SHEET NO. OF SHEETS STA. 315+00.00 TO STA. 321+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K-1	WINNEBAGO	401	209
				CONTRACT NO. 64987

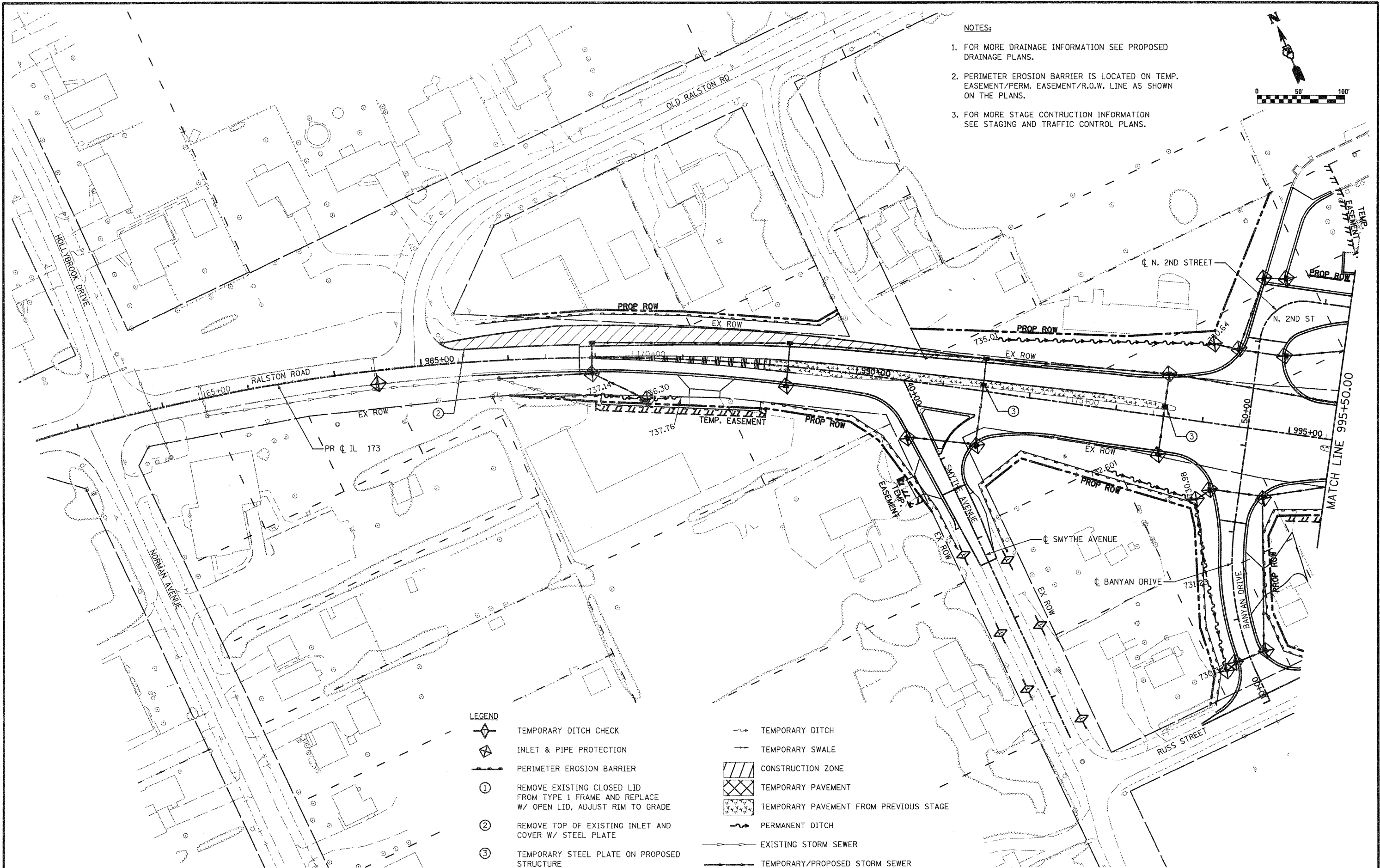
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT



- NOTES:**
1. FOR MORE DRAINAGE INFORMATION SEE PROPOSED DRAINAGE PLANS.
 2. PERIMETER EROSION BARRIER IS LOCATED ON TEMP. EASEMENT/PERM. EASEMENT/R.O.W. LINE AS SHOWN ON THE PLANS.
 3. FOR MORE STAGE CONSTRUCTION INFORMATION SEE STAGING AND TRAFFIC CONTROL PLANS.

- LEGEND**
- TEMPORARY DITCH CHECK
 - INLET & PIPE PROTECTION
 - PERIMETER EROSION BARRIER
 - ① REMOVE EXISTING CLOSED LID FROM TYPE 1 FRAME AND REPLACE W/ OPEN LID, ADJUST RIM TO GRADE
 - ② REMOVE TOP OF EXISTING INLET AND COVER W/ STEEL PLATE
 - ③ TEMPORARY STEEL PLATE ON PROPOSED STRUCTURE
 - TEMPORARY DITCH
 - TEMPORARY SWALE
 - CONSTRUCTION ZONE
 - TEMPORARY PAVEMENT
 - TEMPORARY PAVEMENT FROM PREVIOUS STAGE
 - PERMANENT DITCH
 - EXISTING STORM SEWER
 - TEMPORARY/PROPOSED STORM SEWER

FILE NAME - D264987.shl_eros2CB.dgn	USER NAME - 3202090971	DESIGNED - LOM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STORM WATER POLLUTION PREVENTION PLAN & TEMPORARY DRAINAGE STAGE 2C		F.A.P. RTE. 303	SECTION 129K-1	COUNTY WINNEBAGO	TOTAL SHEETS 401	SHEET NO. 210
	PLOT SCALE = 100.0000' / IN.	DRAWN - MD	REVISED -				SCALE: SHEET NO. OF SHEETS STA. 241+50.00 TO STA. 266+00.00		FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT		CONTRACT NO. 64987
PLOT DATE = 3/16/2011	CHECKED - PDK	DATE - 03-16-2011	REVISED -								



- NOTES:**
1. FOR MORE DRAINAGE INFORMATION SEE PROPOSED DRAINAGE PLANS.
 2. PERIMETER EROSION BARRIER IS LOCATED ON TEMP. EASEMENT/PERM. EASEMENT/R.O.W. LINE AS SHOWN ON THE PLANS.
 3. FOR MORE STAGE CONSTRUCTION INFORMATION SEE STAGING AND TRAFFIC CONTROL PLANS.

- LEGEND**
- TEMPORARY DITCH CHECK
 - INLET & PIPE PROTECTION
 - PERIMETER EROSION BARRIER
 - REMOVE EXISTING CLOSED LID FROM TYPE 1 FRAME AND REPLACE W/ OPEN LID, ADJUST RIM TO GRADE
 - REMOVE TOP OF EXISTING INLET AND COVER W/ STEEL PLATE
 - TEMPORARY STEEL PLATE ON PROPOSED STRUCTURE
 - TEMPORARY DITCH
 - TEMPORARY SWALE
 - CONSTRUCTION ZONE
 - TEMPORARY PAVEMENT
 - TEMPORARY PAVEMENT FROM PREVIOUS STAGE
 - PERMANENT DITCH
 - EXISTING STORM SEWER
 - TEMPORARY/PROPOSED STORM SEWER

FILE NAME = D264987-ah-t-eros31.dgn

USER NAME = 3202890971
 DESIGNED - LOM
 DRAWN - MD
 CHECKED - PDK
 DATE - 01-19-2011

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

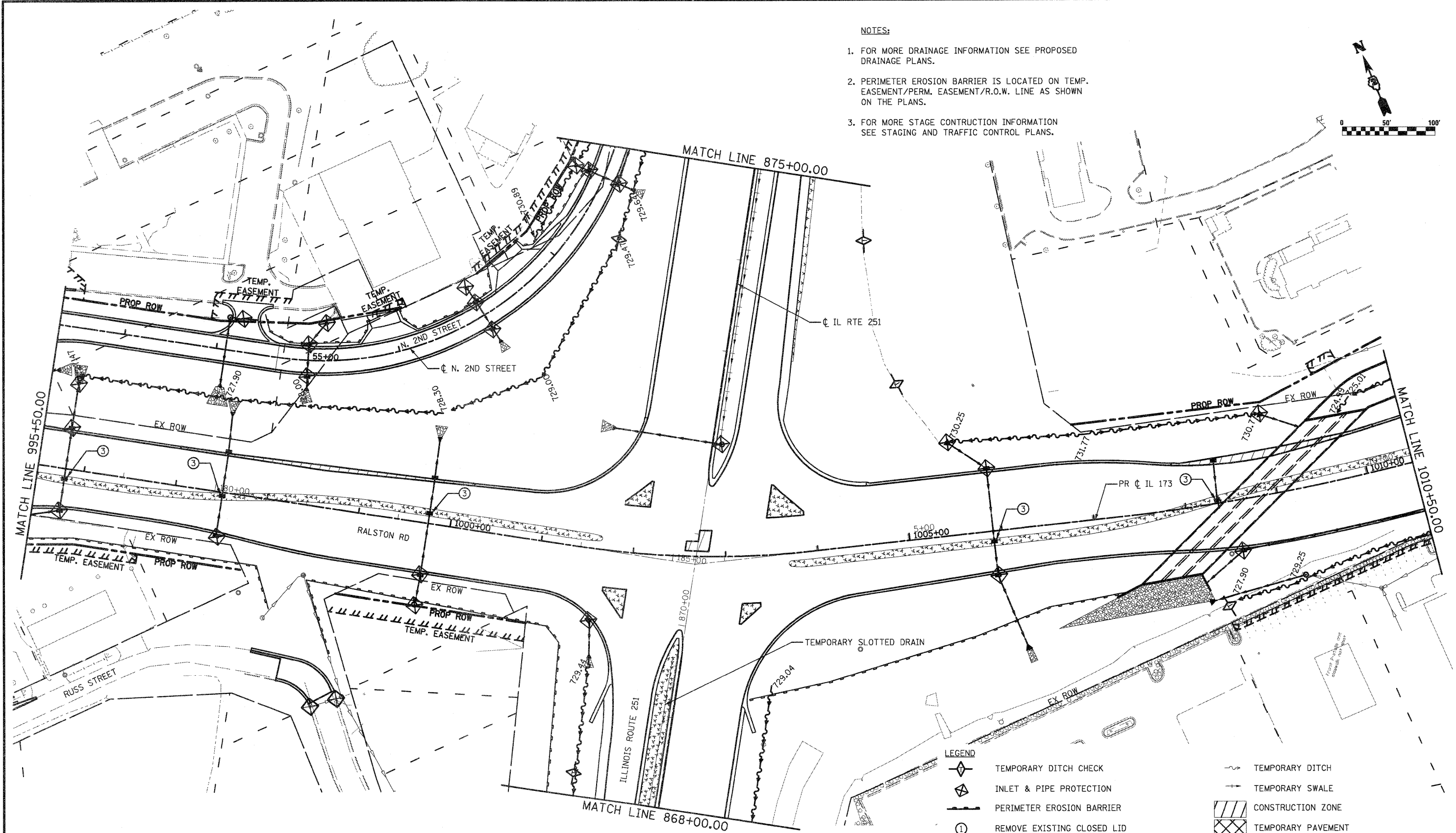
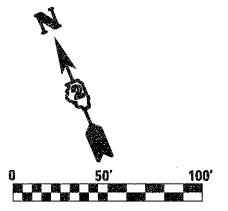
**STORM WATER POLLUTION PREVENTION PLAN
 & TEMPORARY DRAINAGE
 STAGE 3**

SCALE: SHEET NO. OF SHEETS STA. 980+50.00 TO STA. 995+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K-1	WINNEBAGO	401	211
CONTRACT NO. 64987				

FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT

- NOTES:**
1. FOR MORE DRAINAGE INFORMATION SEE PROPOSED DRAINAGE PLANS.
 2. PERIMETER EROSION BARRIER IS LOCATED ON TEMP. EASEMENT/PERM. EASEMENT/R.O.W. LINE AS SHOWN ON THE PLANS.
 3. FOR MORE STAGE CONSTRUCTION INFORMATION SEE STAGING AND TRAFFIC CONTROL PLANS.



- LEGEND**
- TEMPORARY DITCH CHECK
 - INLET & PIPE PROTECTION
 - PERIMETER EROSION BARRIER
 - ① REMOVE EXISTING CLOSED LID FROM TYPE 1 FRAME AND REPLACE W/ OPEN LID, ADJUST RIM TO GRADE
 - ② REMOVE TOP OF EXISTING INLET AND COVER W/ STEEL PLATE
 - ③ TEMPORARY STEEL PLATE ON PROPOSED STRUCTURE
 - TEMPORARY DITCH
 - TEMPORARY SWALE
 - CONSTRUCTION ZONE
 - TEMPORARY PAVEMENT
 - TEMPORARY PAVEMENT FROM PREVIOUS STAGE
 - PERMANENT DITCH
 - EXISTING STORM SEWER
 - TEMPORARY/PROPOSED STORM SEWER

FILE NAME =
D264987-sh1-eros32.dgn

USER NAME = 32029971
PLOT SCALE = 100,0000' / IN.
PLOT DATE = 1/18/2011

DESIGNED - LOM
DRAWN - MD
CHECKED - PDK
DATE - 01-19-2011

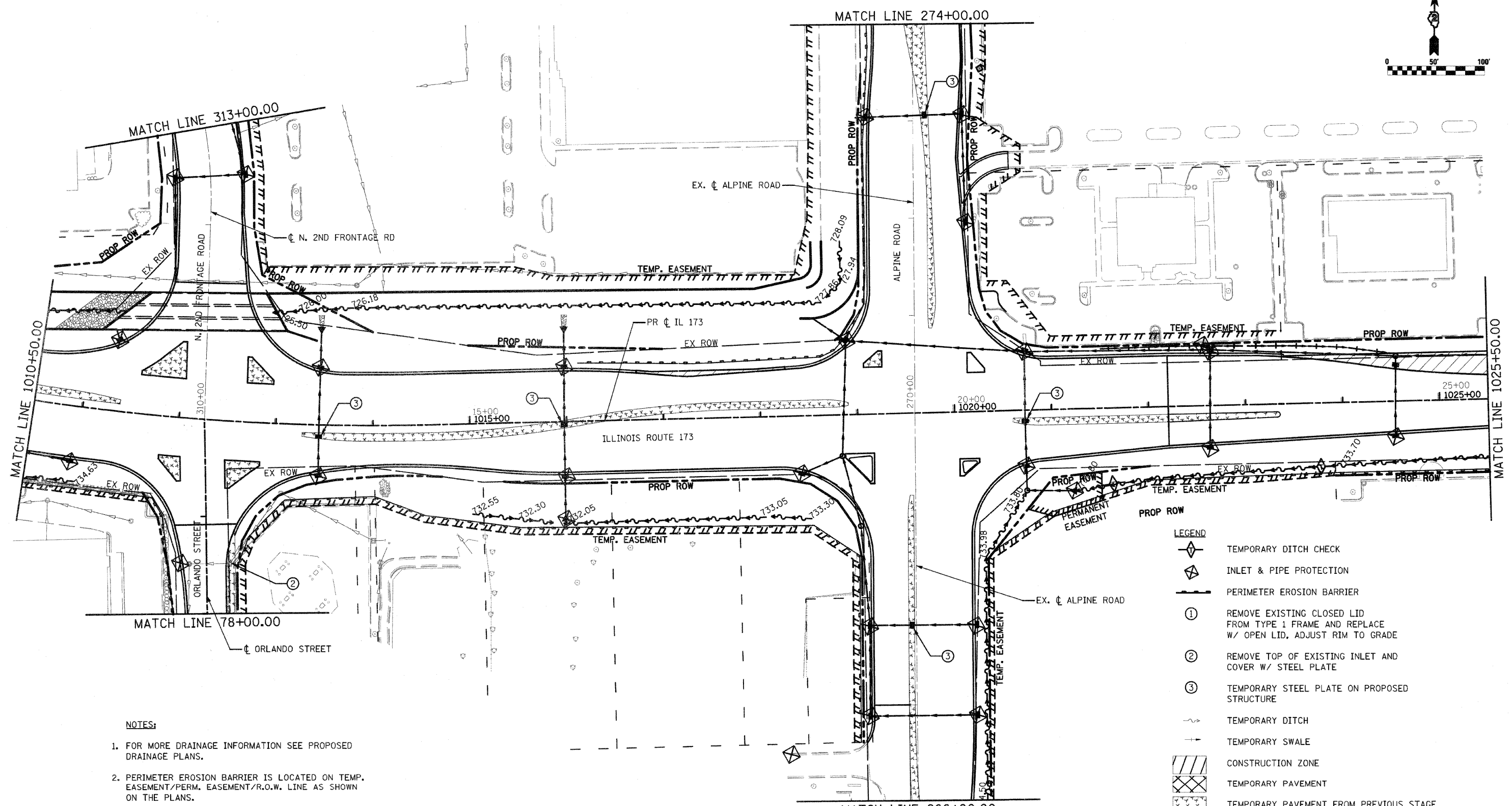
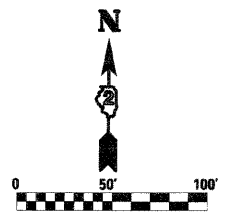
REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STORM WATER POLLUTION PREVENTION PLAN
& TEMPORARY DRAINAGE
STAGE 3**

SCALE: SHEET NO. OF SHEETS STA. 995+50.00 TO STA. 1010+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K-1	WINNEBAGO	401	212
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT			CONTRACT NO. 64987	



NOTES:

1. FOR MORE DRAINAGE INFORMATION SEE PROPOSED DRAINAGE PLANS.
2. PERIMETER EROSION BARRIER IS LOCATED ON TEMP. EASEMENT/PERM. EASEMENT/R.O.W. LINE AS SHOWN ON THE PLANS.
3. FOR MORE STAGE CONSTRUCTION INFORMATION SEE STAGING AND TRAFFIC CONTROL PLANS.

LEGEND

	TEMPORARY DITCH CHECK
	INLET & PIPE PROTECTION
	PERIMETER EROSION BARRIER
①	REMOVE EXISTING CLOSED LID FROM TYPE 1 FRAME AND REPLACE W/ OPEN LID, ADJUST RIM TO GRADE
②	REMOVE TOP OF EXISTING INLET AND COVER W/ STEEL PLATE
③	TEMPORARY STEEL PLATE ON PROPOSED STRUCTURE
	TEMPORARY DITCH
	TEMPORARY SWALE
	CONSTRUCTION ZONE
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT FROM PREVIOUS STAGE
	PERMANENT DITCH
	EXISTING STORM SEWER
	TEMPORARY/PROPOSED STORM SEWER

FILE NAME = D264987-sh1-eros33.dgn

USER NAME = 320209071
 PLOT SCALE = 1/8" = 100'-0"
 PLOT DATE = 3/16/2011

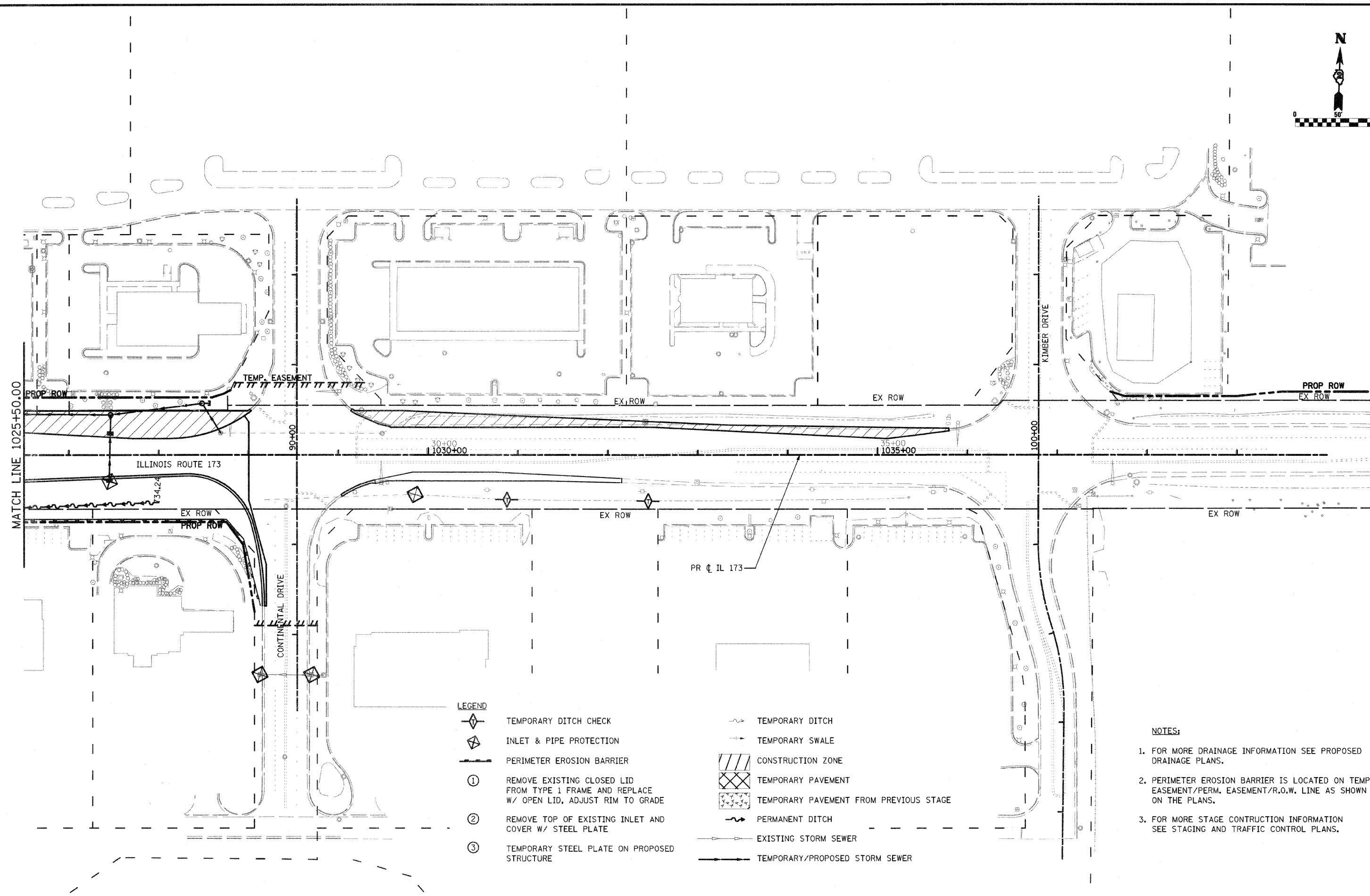
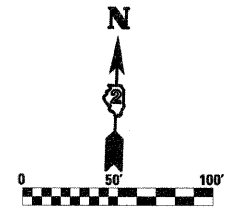
DESIGNED - LOM
 DRAWN - MD
 CHECKED - PDK
 DATE - 03-16-2011

REVISED -
 REVISED -
 REVISED -
 REVISED -















**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**STORM WATER POLLUTION PREVENTION PLAN
 & TEMPORARY DRAINAGE
 STAGE 3**

F.A.P. RTE. 303	SECTION 129K-1	COUNTY WINNEBAGO	TOTAL SHEETS 401	SHEET NO. 213
SCALE: SHEET NO. OF SHEETS STA. 1010+50.00 TO STA. 1025+50.00			CONTRACT NO. 64987	
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				



LEGEND

-  TEMPORARY DITCH CHECK
-  INLET & PIPE PROTECTION
-  PERIMETER EROSION BARRIER
-  ① REMOVE EXISTING CLOSED LID FROM TYPE 1 FRAME AND REPLACE W/ OPEN LID, ADJUST RIM TO GRADE
-  ② REMOVE TOP OF EXISTING INLET AND COVER W/ STEEL PLATE
-  ③ TEMPORARY STEEL PLATE ON PROPOSED STRUCTURE
-  TEMPORARY DITCH
-  TEMPORARY SWALE
-  CONSTRUCTION ZONE
-  TEMPORARY PAVEMENT
-  TEMPORARY PAVEMENT FROM PREVIOUS STAGE
-  PERMANENT DITCH
-  EXISTING STORM SEWER
-  TEMPORARY/PROPOSED STORM SEWER

NOTES:

1. FOR MORE DRAINAGE INFORMATION SEE PROPOSED DRAINAGE PLANS.
2. PERIMETER EROSION BARRIER IS LOCATED ON TEMP. EASEMENT/PERM. EASEMENT/R.O.W. LINE AS SHOWN ON THE PLANS.
3. FOR MORE STAGE CONSTRUCTION INFORMATION SEE STAGING AND TRAFFIC CONTROL PLANS.

FILE NAME =
0264987-shr-eros34.dgn

USER NAME = 328289871
DESIGNED - LOM
DRAWN - MD
CHECKED - PDK
DATE - 03-16-2011

REVISIONS
REVISED -
REVISED -
REVISED -
REVISED -












STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**STORM WATER POLLUTION PREVENTION PLAN
& TEMPORARY DRAINAGE
STAGE 3**

SCALE: SHEET NO. OF SHEETS STA. 1025+50.00 TO STA. 1040+00.00

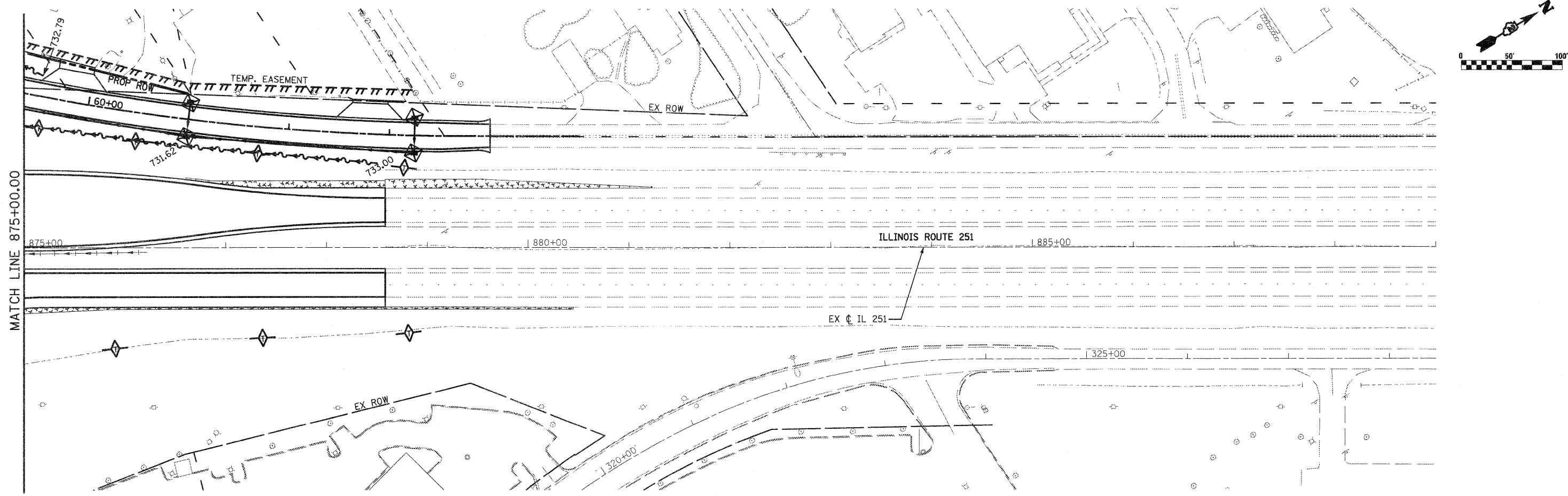
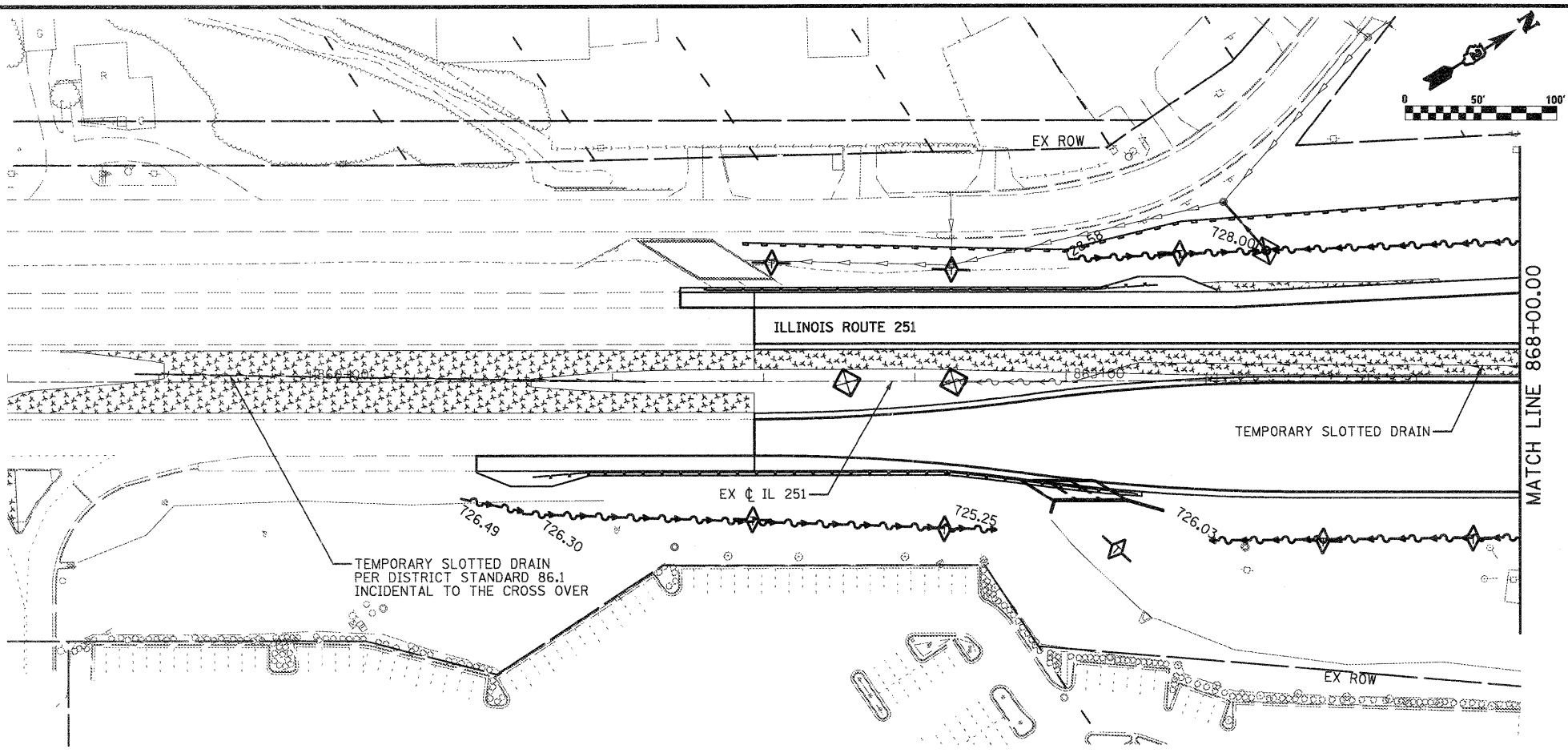
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K-1	WINNEBAGO	401	214
CONTRACT NO. 64987			FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT	

LEGEND

-  TEMPORARY DITCH CHECK
-  INLET & PIPE PROTECTION
-  PERIMETER EROSION BARRIER
- ① REMOVE EXISTING CLOSED LID FROM TYPE 1 FRAME AND REPLACE W/ OPEN LID, ADJUST RIM TO GRADE
- ② REMOVE TOP OF EXISTING INLET AND COVER W/ STEEL PLATE
- ③ TEMPORARY STEEL PLATE ON PROPOSED STRUCTURE
-  TEMPORARY DITCH
-  TEMPORARY SWALE
-  CONSTRUCTION ZONE
-  TEMPORARY PAVEMENT
-  TEMPORARY PAVEMENT FROM PREVIOUS STAGE
-  PERMANENT DITCH
-  EXISTING STORM SEWER
-  TEMPORARY/PROPOSED STORM SEWER

NOTES:

1. FOR MORE DRAINAGE INFORMATION SEE PROPOSED DRAINAGE PLANS.
2. PERIMETER EROSION BARRIER IS LOCATED ON TEMP. EASEMENT/PERM. EASEMENT/R.O.W. LINE AS SHOWN ON THE PLANS.
3. FOR MORE STAGE CONSTRUCTION INFORMATION SEE STAGING AND TRAFFIC CONTROL PLANS.



FILE NAME =
D264987-shr-eros35.dgn

USER NAME = 3202090971
PLOT SCALE = 100.0000' / IN.
PLOT DATE = 1/18/2011

DESIGNED - LOM
DRAWN - MD
CHECKED - PDK
DATE - 01-19-2011

REVISED -
REVISED -
REVISED -
REVISED -

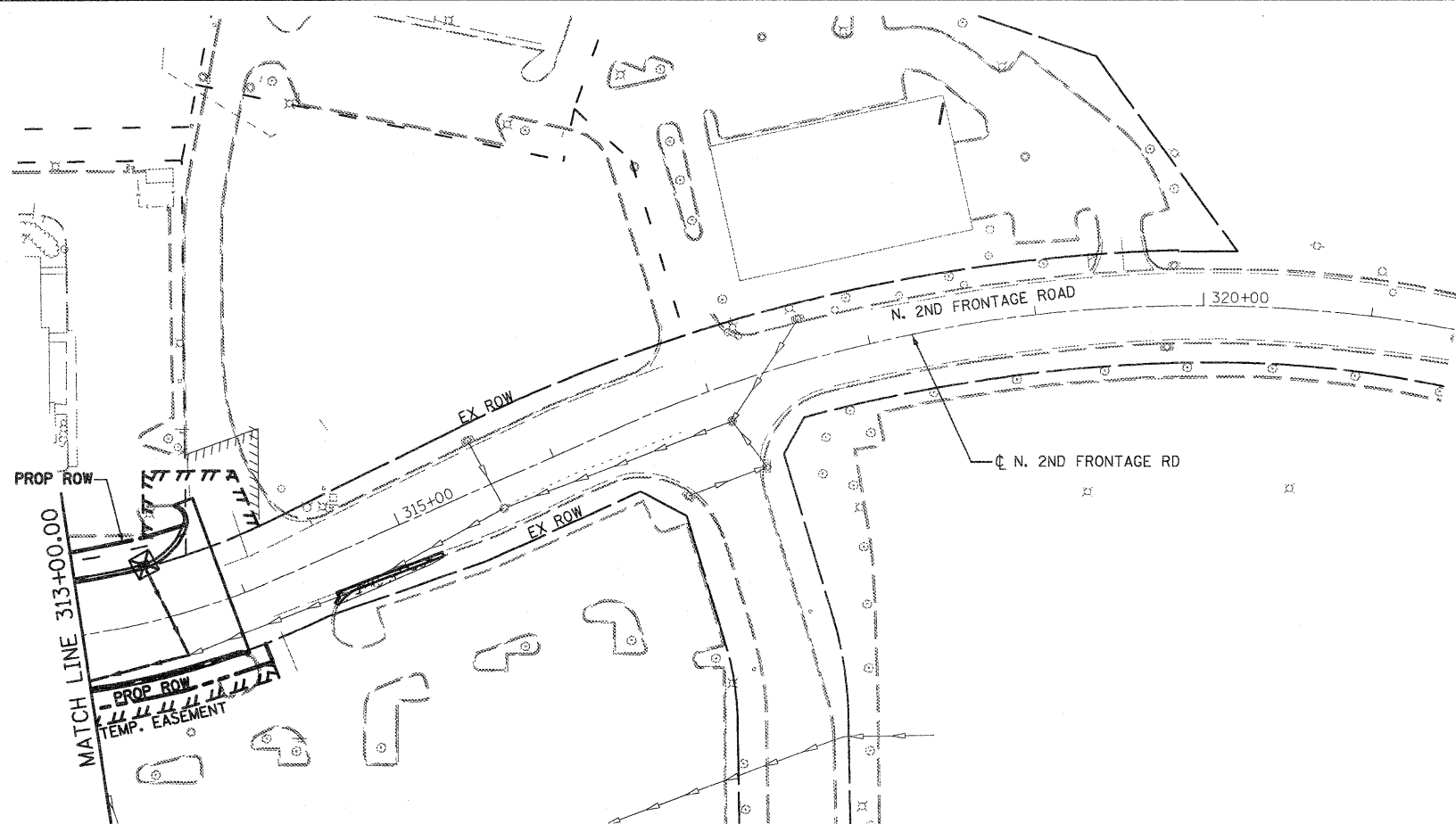
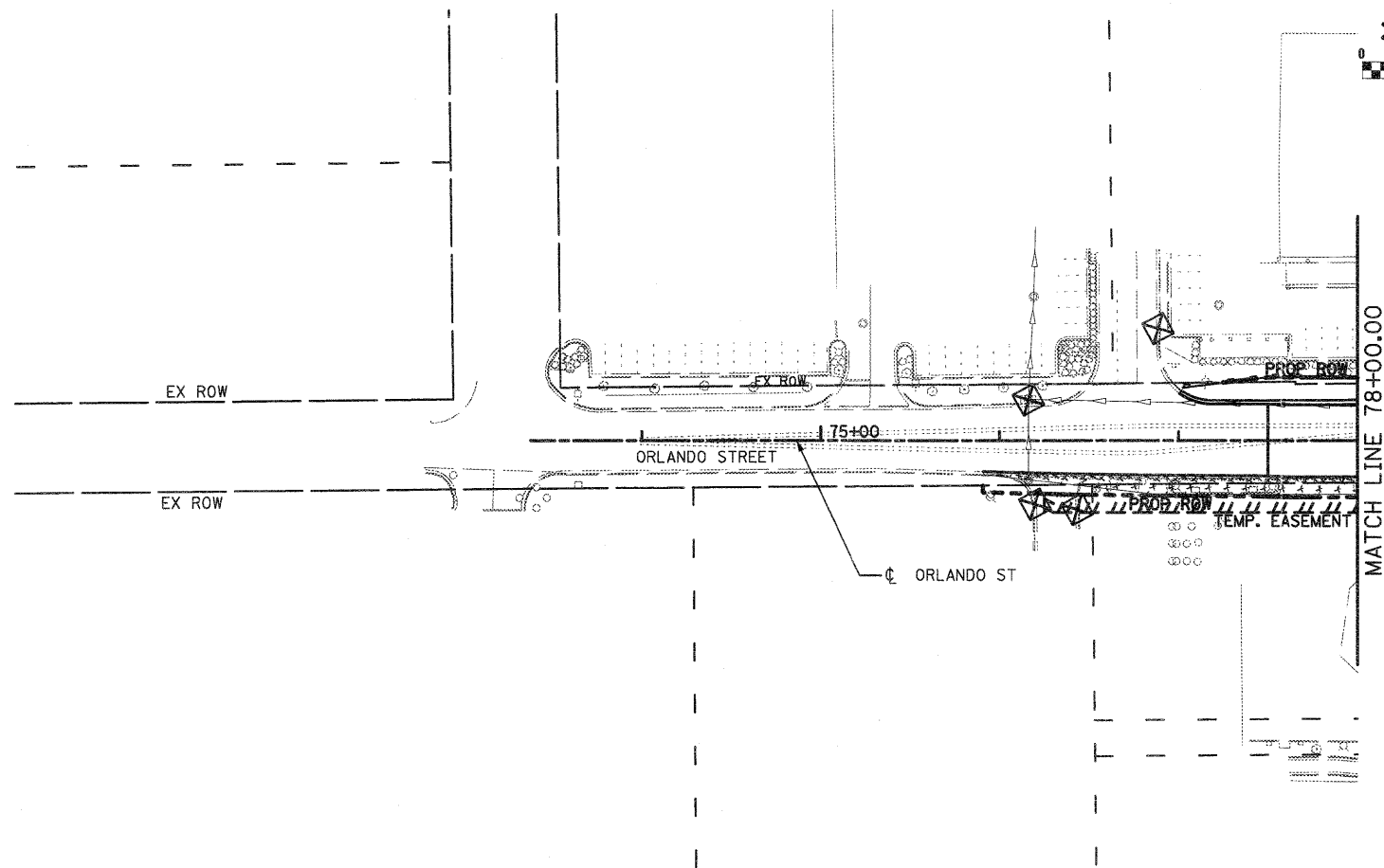
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STORM WATER POLLUTION PREVENTION PLAN
& TEMPORARY DRAINAGE
STAGE 3**

SCALE: SHEET NO. OF SHEETS STA. 875+00.00 TO STA. 889+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K-1	WINNEBAGO	401	215

CONTRACT NO. 64987
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT



NOTES:

1. FOR MORE DRAINAGE INFORMATION SEE PROPOSED DRAINAGE PLANS.
2. PERIMETER EROSION BARRIER IS LOCATED ON TEMP. EASEMENT/PERM. EASEMENT/R.O.W. LINE AS SHOWN ON THE PLANS.
3. FOR MORE STAGE CONSTRUCTION INFORMATION SEE STAGING AND TRAFFIC CONTROL PLANS.

LEGEND

- | | | | |
|---|---|--|--|
| | TEMPORARY DITCH CHECK | | TEMPORARY DITCH |
| | INLET & PIPE PROTECTION | | TEMPORARY SWALE |
| | PERIMETER EROSION BARRIER | | CONSTRUCTION ZONE |
| ① | REMOVE EXISTING CLOSED LID FROM TYPE 1 FRAME AND REPLACE W/ OPEN LID, ADJUST RIM TO GRADE | | TEMPORARY PAVEMENT |
| ② | REMOVE TOP OF EXISTING INLET AND COVER W/ STEEL PLATE | | TEMPORARY PAVEMENT FROM PREVIOUS STAGE |
| ③ | TEMPORARY STEEL PLATE ON PROPOSED STRUCTURE | | PERMANENT DITCH |
| | | | EXISTING STORM SEWER |
| | | | TEMPORARY/PROPOSED STORM SEWER |

FILE NAME =
0264987-sh1-eros37.dgn

USER NAME = 3202090971

DESIGNED - LOM

REVISED -

DRAWN - MD

REVISED -

PLOT SCALE = 100.0000' / IN.

CHECKED - PDK

REVISED -

PLOT DATE = 1/18/2011

DATE - 01-19-2011

REVISED -

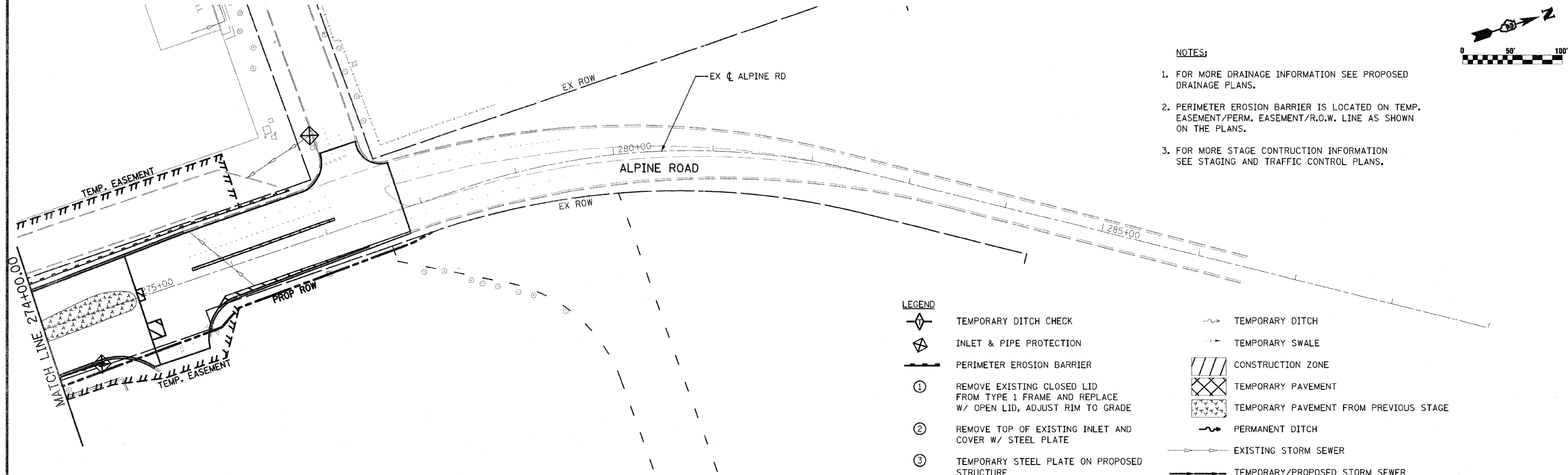
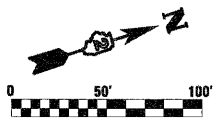
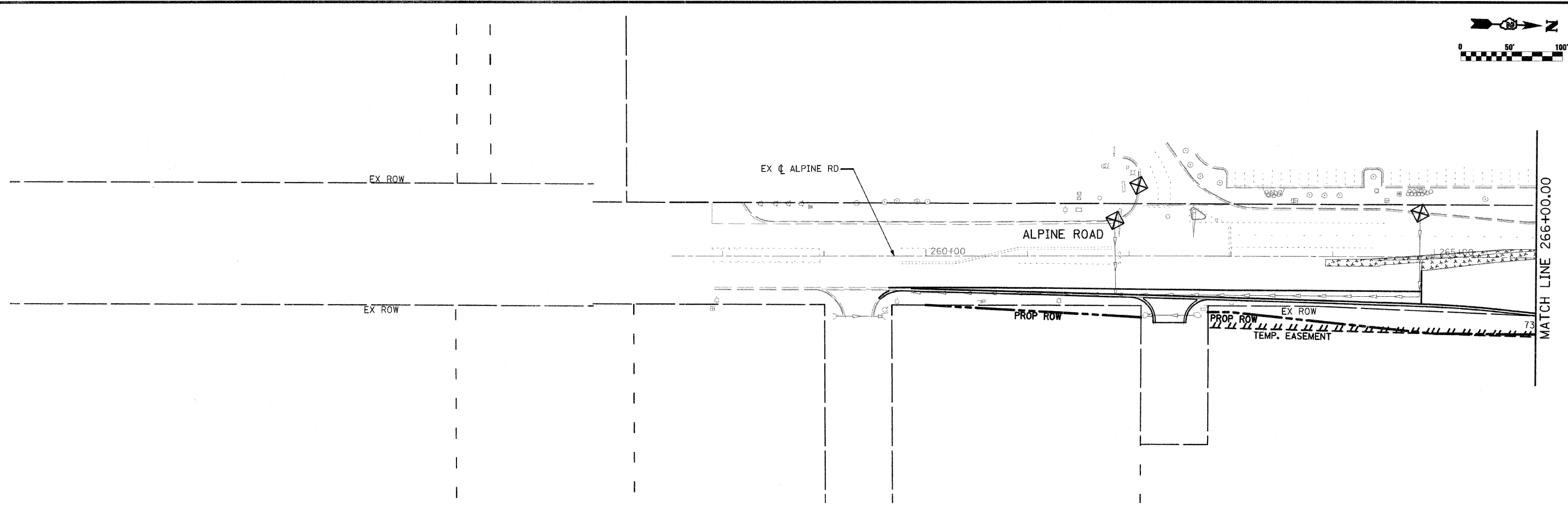
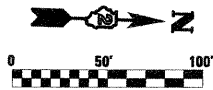
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STORM WATER POLLUTION PREVENTION PLAN
& TEMPORARY DRAINAGE**

STAGE 3 STA. 70+50.00 TO STA. 78+00.00

SCALE: SHEET NO. OF SHEETS STA. 315+00.00 TO STA. 321+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K-1	WINNEBAGO	401	216
FED. ROAD DIST. NO. 2 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 64987	

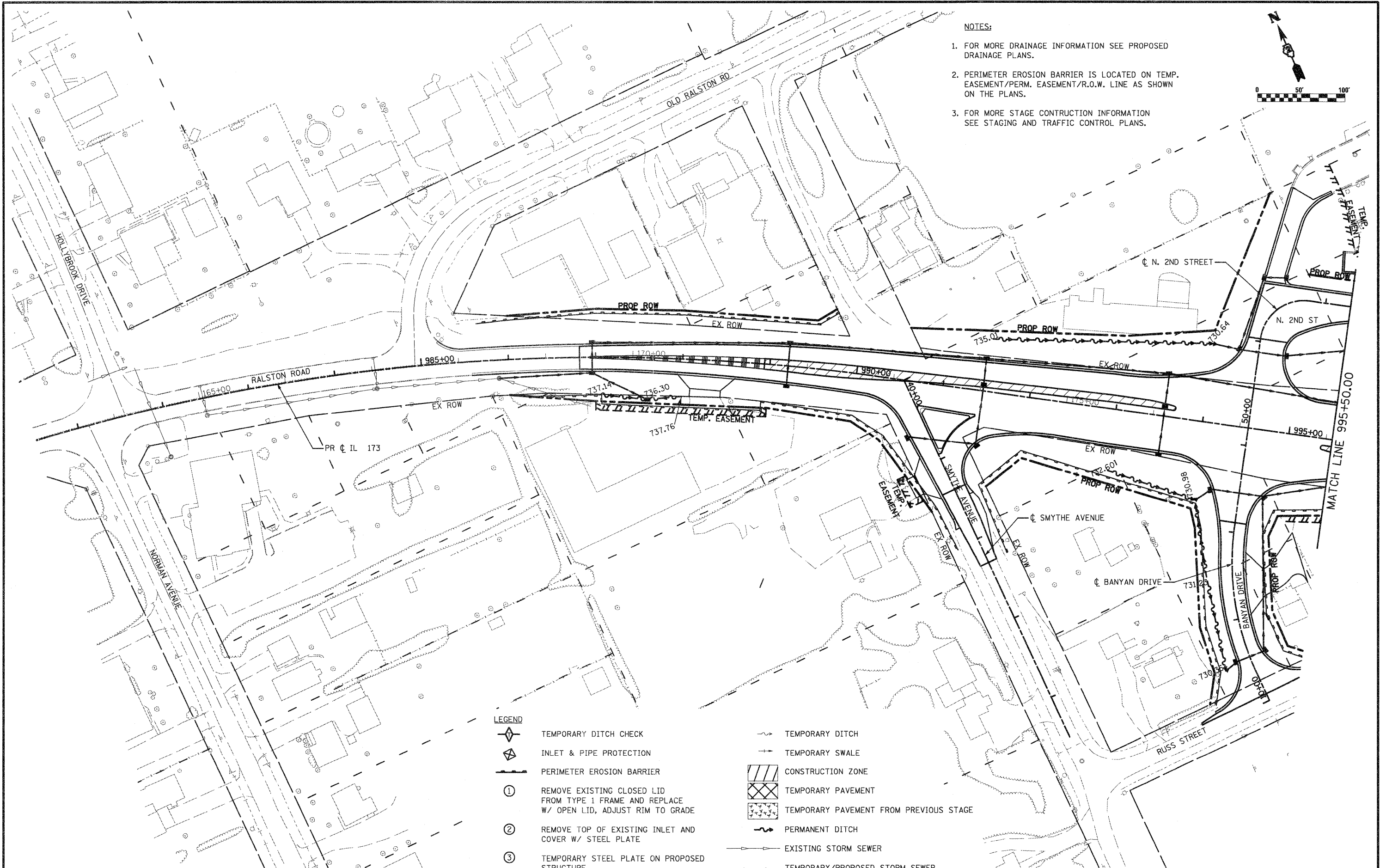


- NOTES:**
1. FOR MORE DRAINAGE INFORMATION SEE PROPOSED DRAINAGE PLANS.
 2. PERIMETER EROSION BARRIER IS LOCATED ON TEMP. EASEMENT/PERM. EASEMENT/R.O.W. LINE AS SHOWN ON THE PLANS.
 3. FOR MORE STAGE CONSTRUCTION INFORMATION SEE STAGING AND TRAFFIC CONTROL PLANS.

LEGEND

	TEMPORARY DITCH CHECK		TEMPORARY DITCH
	INLET & PIPE PROTECTION		TEMPORARY SWALE
	PERIMETER EROSION BARRIER		CONSTRUCTION ZONE
①	REMOVE EXISTING CLOSED LID FROM TYPE 1 FRAME AND REPLACE W/ OPEN LID, ADJUST RIM TO GRADE		TEMPORARY PAVEMENT
②	REMOVE TOP OF EXISTING INLET AND COVER W/ STEEL PLATE		TEMPORARY PAVEMENT FROM PREVIOUS STAGE
③	TEMPORARY STEEL PLATE ON PROPOSED STRUCTURE		PERMANENT DITCH
			EXISTING STORM SEWER
			TEMPORARY/PROPOSED STORM SEWER

FILE NAME = 0264987.sht e-os38.dgn	USER NAME = 3202090971	DESIGNED - LOM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STORM WATER POLLUTION PREVENTION PLAN & TEMPORARY DRAINAGE STAGE 3			F.A.P. RTE. 303	SECTION 129K-1	COUNTY WINNEBAGO	TOTAL SHEETS 401	SHEET NO. 217
PLOT SCALE = 100.0000' / IN.	CHECKED - PDK	DATE - 03-16-2011	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. 241+50.00 TO STA. 266+00.00	CONTRACT NO. 64987				
PLOT DATE = 3/16/2011	DATE - 03-16-2011	REVISED -			FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT							



- NOTES:**
1. FOR MORE DRAINAGE INFORMATION SEE PROPOSED DRAINAGE PLANS.
 2. PERIMETER EROSION BARRIER IS LOCATED ON TEMP. EASEMENT/PERM. EASEMENT/R.O.W. LINE AS SHOWN ON THE PLANS.
 3. FOR MORE STAGE CONSTRUCTION INFORMATION SEE STAGING AND TRAFFIC CONTROL PLANS.

LEGEND	
	TEMPORARY DITCH CHECK
	INLET & PIPE PROTECTION
	PERIMETER EROSION BARRIER
①	REMOVE EXISTING CLOSED LID FROM TYPE 1 FRAME AND REPLACE W/ OPEN LID, ADJUST RIM TO GRADE
②	REMOVE TOP OF EXISTING INLET AND COVER W/ STEEL PLATE
③	TEMPORARY STEEL PLATE ON PROPOSED STRUCTURE
	TEMPORARY DITCH
	TEMPORARY SWALE
	CONSTRUCTION ZONE
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT FROM PREVIOUS STAGE
	PERMANENT DITCH
	EXISTING STORM SEWER
	TEMPORARY/PROPOSED STORM SEWER

FILE NAME = D264987-sht-eros41.dgn

USER NAME = 3282890971
 DESIGNED - LOM
 DRAWN - MD
 CHECKED - PDK
 DATE - 01-19-2011

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

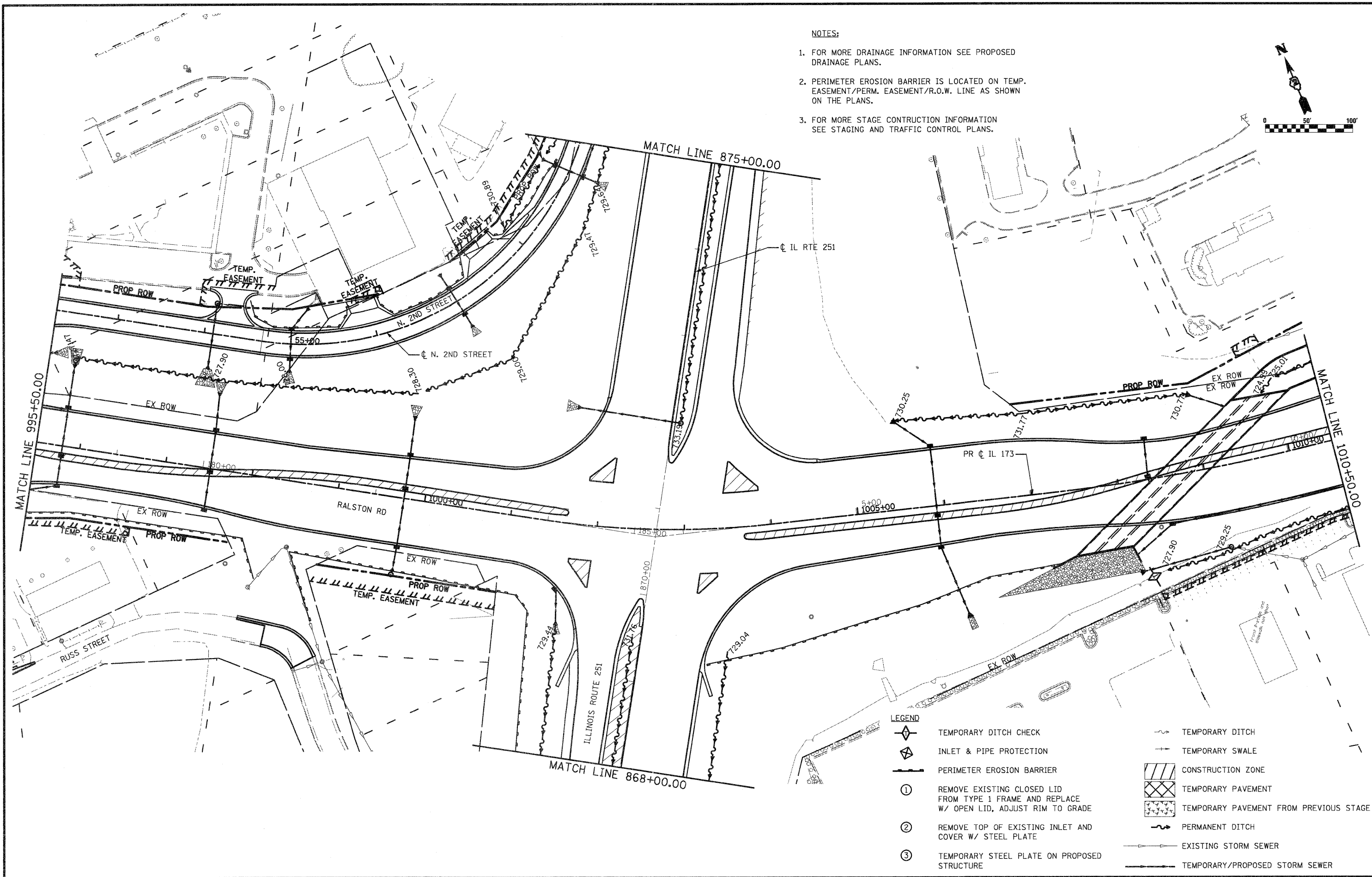
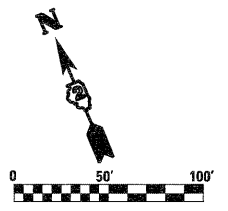
**STORM WATER POLLUTION PREVENTION PLAN
 & TEMPORARY DRAINAGE
 STAGE 4A & B**

SCALE: SHEET NO. OF SHEETS STA. 980+50.00 TO STA. 995+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K-1	WINNEBAGO	401	218

CONTRACT NO. 64987
 FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT

- NOTES:**
1. FOR MORE DRAINAGE INFORMATION SEE PROPOSED DRAINAGE PLANS.
 2. PERIMETER EROSION BARRIER IS LOCATED ON TEMP. EASEMENT/PERM. EASEMENT/R.O.W. LINE AS SHOWN ON THE PLANS.
 3. FOR MORE STAGE CONSTRUCTION INFORMATION SEE STAGING AND TRAFFIC CONTROL PLANS.



- LEGEND**
- TEMPORARY DITCH CHECK
 - INLET & PIPE PROTECTION
 - PERIMETER EROSION BARRIER
 - REMOVE EXISTING CLOSED LID FROM TYPE 1 FRAME AND REPLACE W/ OPEN LID, ADJUST RIM TO GRADE
 - REMOVE TOP OF EXISTING INLET AND COVER W/ STEEL PLATE
 - TEMPORARY STEEL PLATE ON PROPOSED STRUCTURE
 - TEMPORARY DITCH
 - TEMPORARY SWALE
 - CONSTRUCTION ZONE
 - TEMPORARY PAVEMENT
 - TEMPORARY PAVEMENT FROM PREVIOUS STAGE
 - PERMANENT DITCH
 - EXISTING STORM SEWER
 - TEMPORARY/PROPOSED STORM SEWER

FILE NAME = 0264987-shr-eros42.dgn

USER NAME = 3202090971
 PLOT SCALE = 100.0000' / IN.
 PLOT DATE = 1/18/2011

DESIGNED - LOM
 DRAWN - MD
 CHECKED - PDK
 DATE - 01-19-2011

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

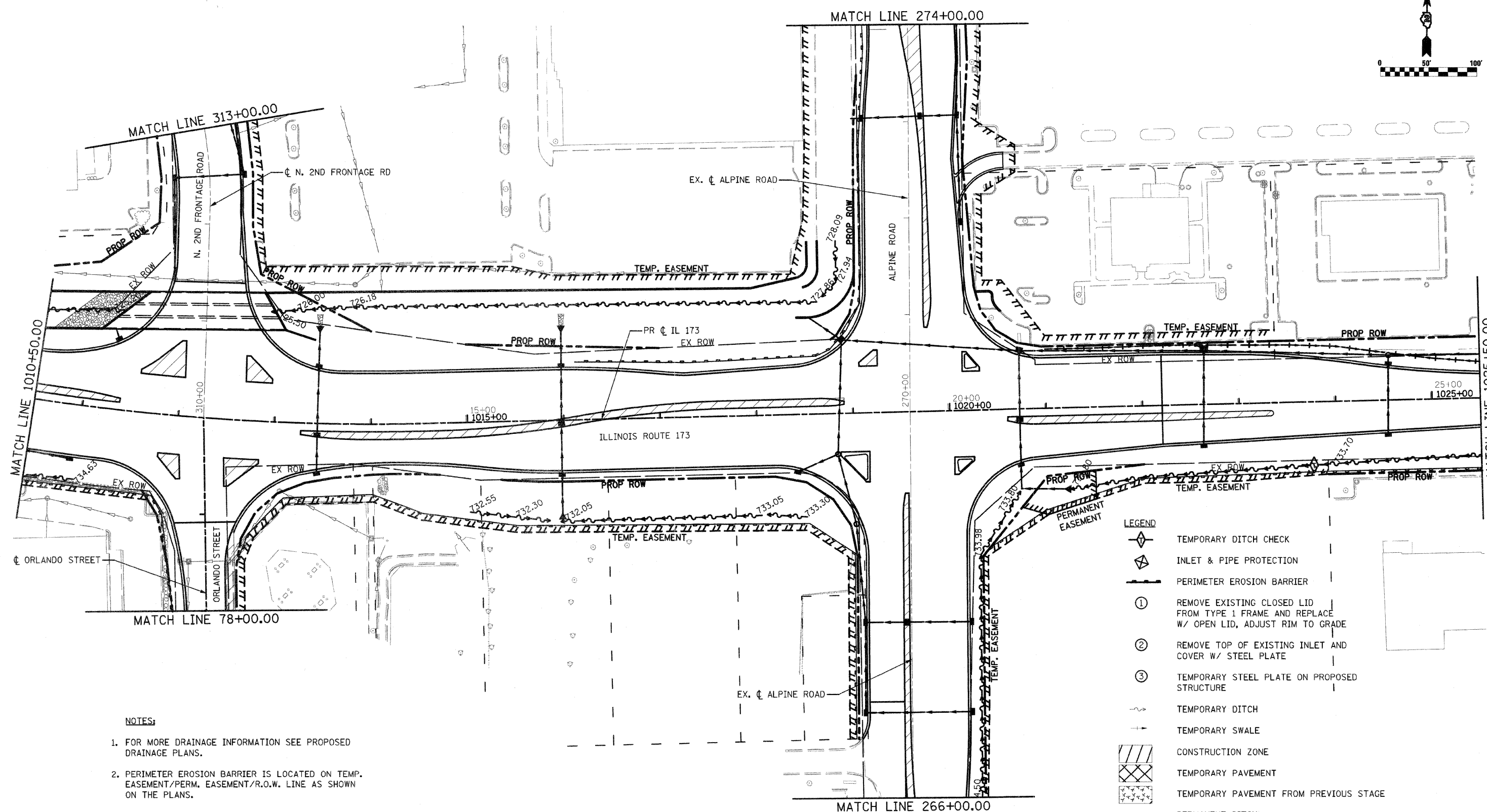
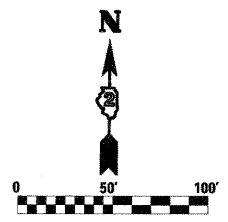
**STORM WATER POLLUTION PREVENTION PLAN
 & TEMPORARY DRAINAGE
 STAGE 4A & B**

SCALE: SHEET NO. OF SHEETS STA. 995+50.00 TO STA. 1010+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K-1	WINNEBAGO	401	219

CONTRACT NO. 64987

FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT



NOTES:

1. FOR MORE DRAINAGE INFORMATION SEE PROPOSED DRAINAGE PLANS.
2. PERIMETER EROSION BARRIER IS LOCATED ON TEMP. EASEMENT/PERM. EASEMENT/R.O.W. LINE AS SHOWN ON THE PLANS.
3. FOR MORE STAGE CONSTRUCTION INFORMATION SEE STAGING AND TRAFFIC CONTROL PLANS.

LEGEND

- TEMPORARY DITCH CHECK
- INLET & PIPE PROTECTION
- PERIMETER EROSION BARRIER
- ① REMOVE EXISTING CLOSED LID FROM TYPE 1 FRAME AND REPLACE W/ OPEN LID, ADJUST RIM TO GRADE
- ② REMOVE TOP OF EXISTING INLET AND COVER W/ STEEL PLATE
- ③ TEMPORARY STEEL PLATE ON PROPOSED STRUCTURE
- TEMPORARY DITCH
- TEMPORARY SWALE
- CONSTRUCTION ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT FROM PREVIOUS STAGE
- PERMANENT DITCH
- EXISTING STORM SEWER
- TEMPORARY/PROPOSED STORM SEWER

FILE NAME = 0264987-ahtr-aros43.dgn

USER NAME = 328289871
 PLOT SCALE = 1/8" = 100'-0" / IN.
 PLOT DATE = 3/16/2011

DESIGNED - LOM
 DRAWN - MD
 CHECKED - PDK
 DATE - 03-16-2011

REVISED -
 REVISED -
 REVISED -
 REVISED -

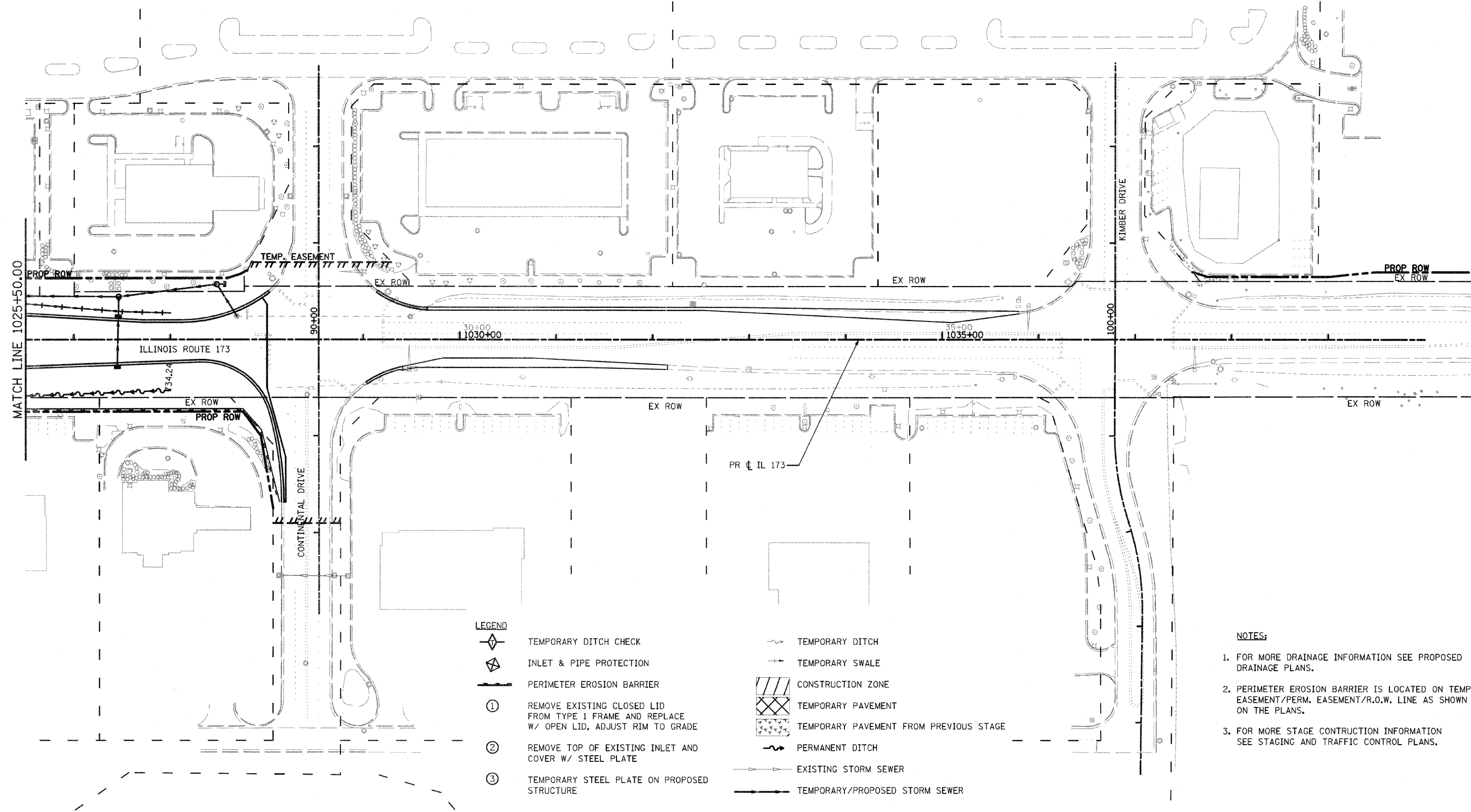
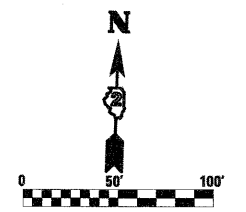
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**STORM WATER POLLUTION PREVENTION PLAN
 & TEMPORARY DRAINAGE
 STAGE 4A & B**















SCALE: SHEET NO. OF SHEETS STA. 1010+50.00 TO STA. 1025+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K-1	WINNEBAGO	401	220

CONTRACT NO. 64987
 FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT



LEGEND

-  TEMPORARY DITCH CHECK
-  INLET & PIPE PROTECTION
-  PERIMETER EROSION BARRIER
-  REMOVE EXISTING CLOSED LID FROM TYPE 1 FRAME AND REPLACE W/ OPEN LID, ADJUST RIM TO GRADE
-  REMOVE TOP OF EXISTING INLET AND COVER W/ STEEL PLATE
-  TEMPORARY STEEL PLATE ON PROPOSED STRUCTURE
-  TEMPORARY DITCH
-  TEMPORARY SWALE
-  CONSTRUCTION ZONE
-  TEMPORARY PAVEMENT
-  TEMPORARY PAVEMENT FROM PREVIOUS STAGE
-  PERMANENT DITCH
-  EXISTING STORM SEWER
-  TEMPORARY/PROPOSED STORM SEWER

NOTES:

1. FOR MORE DRAINAGE INFORMATION SEE PROPOSED DRAINAGE PLANS.
2. PERIMETER EROSION BARRIER IS LOCATED ON TEMP. EASEMENT/PERM. EASEMENT/R.O.W. LINE AS SHOWN ON THE PLANS.
3. FOR MORE STAGE CONSTRUCTION INFORMATION SEE STAGING AND TRAFFIC CONTROL PLANS.

FILE NAME :
D264987-shr:eros44.dgn

USER NAME = 3282818171
PLOT SCALE = 100.0000' / IN.
PLOT DATE = 3/16/2011

DESIGNED - LOM
DRAWN - MD
CHECKED - PDK
DATE 03-16-2011

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**












**STORM WATER POLLUTION PREVENTION PLAN
& TEMPORARY DRAINAGE
STAGE 4A & B**

SCALE: SHEET NO. OF SHEETS STA. 1025+50.00 TO STA. 1040+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K-1	WINNEBAGO	401	221
CONTRACT NO. 64987				

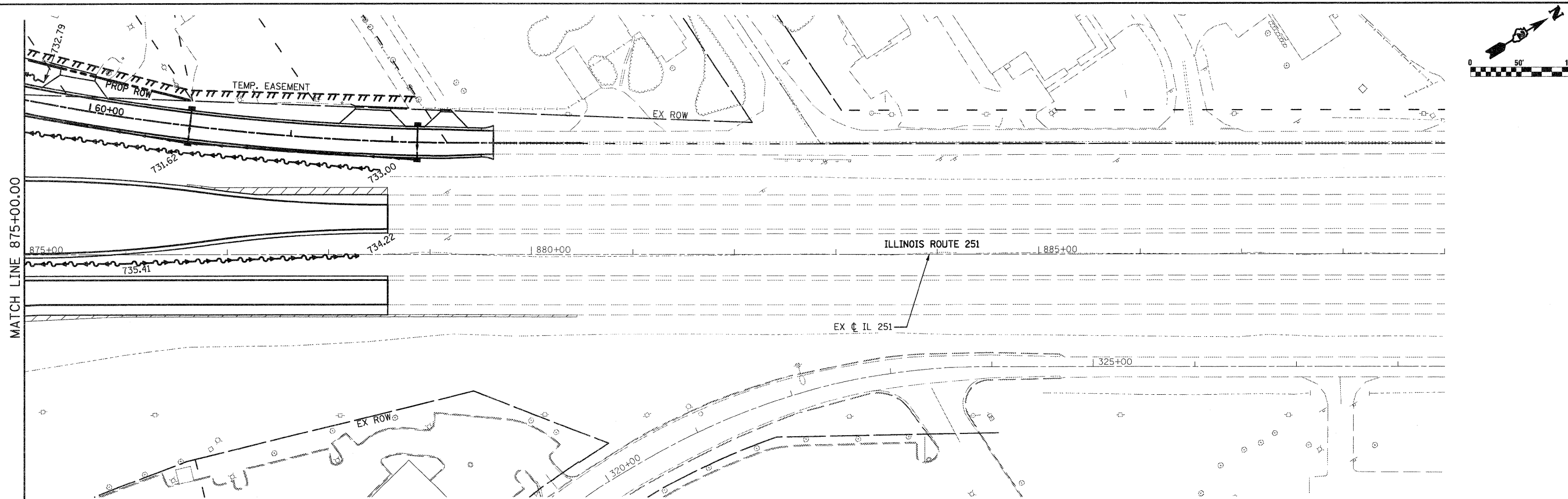
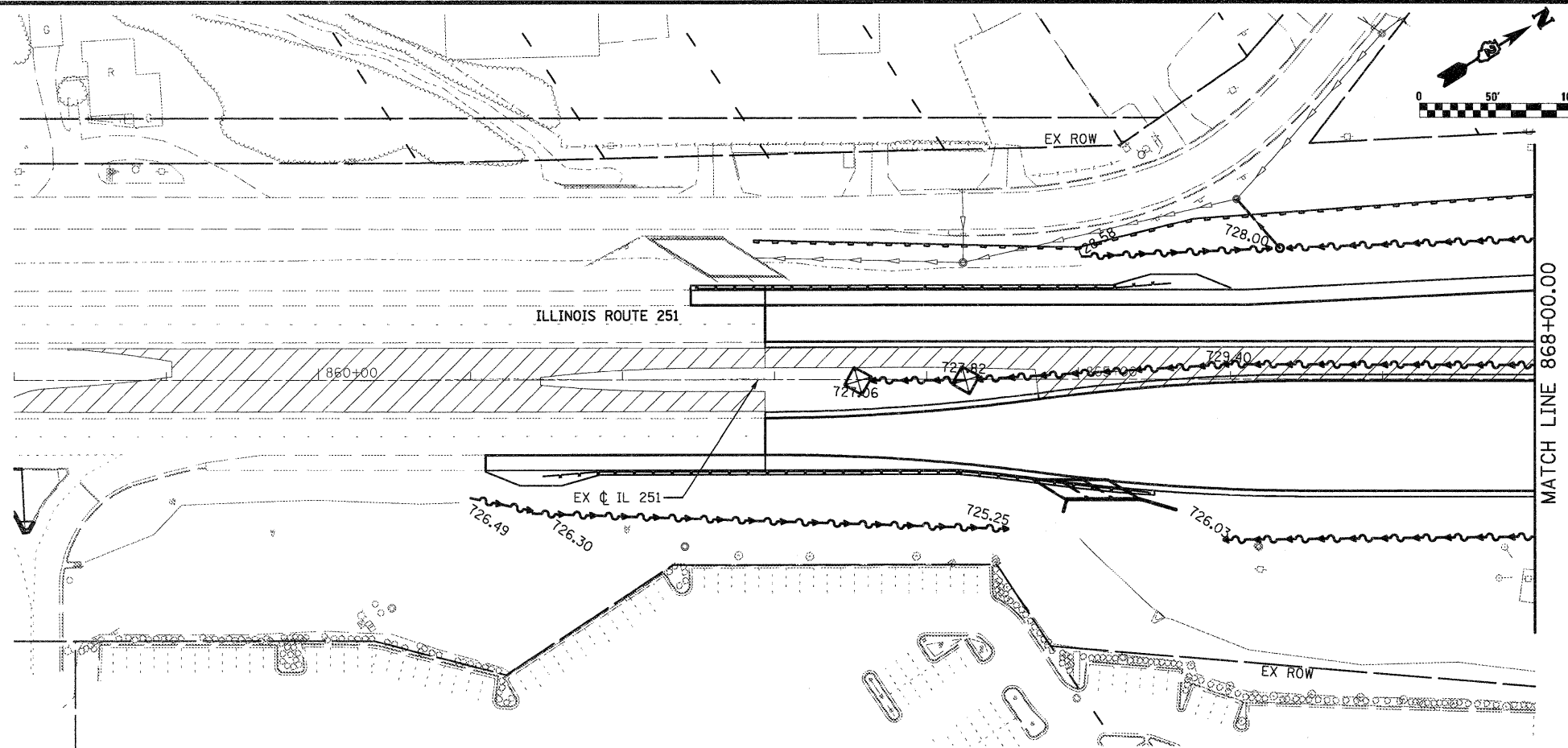
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT

LEGEND

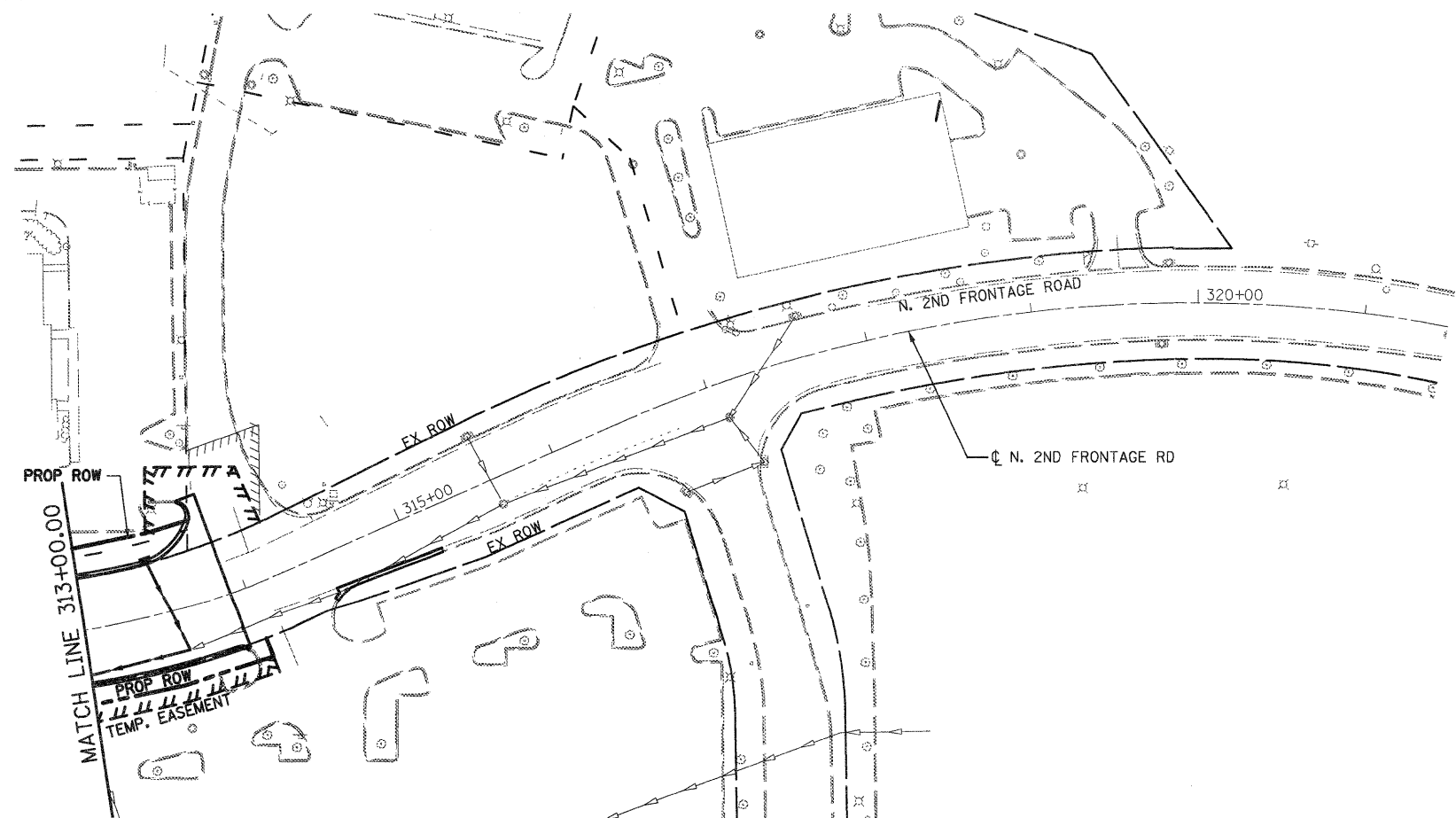
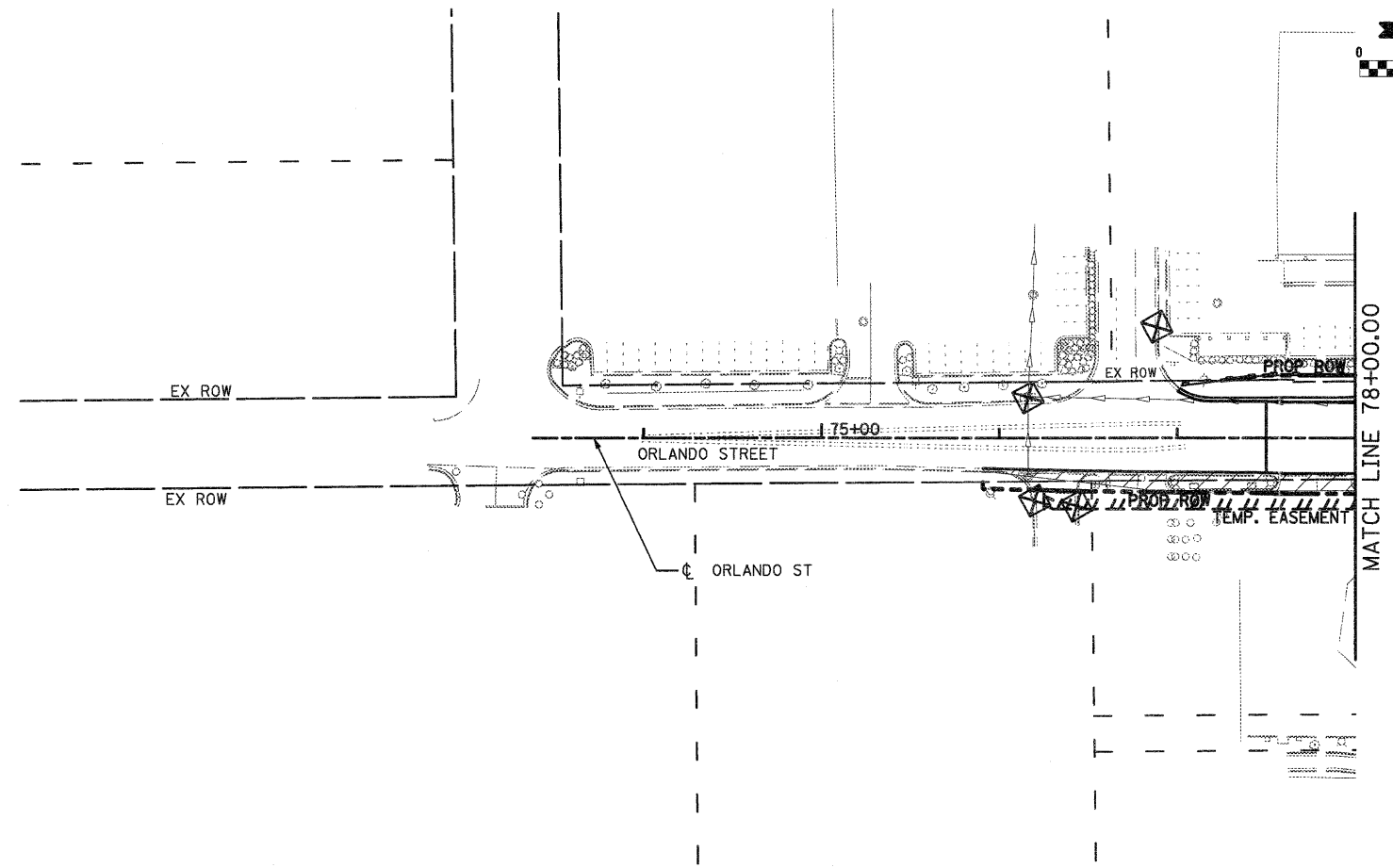
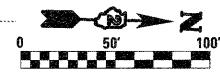
-  TEMPORARY DITCH CHECK
-  INLET & PIPE PROTECTION
-  PERIMETER EROSION BARRIER
- ① REMOVE EXISTING CLOSED LID FROM TYPE 1 FRAME AND REPLACE W/ OPEN LID, ADJUST RIM TO GRADE
- ② REMOVE TOP OF EXISTING INLET AND COVER W/ STEEL PLATE
- ③ TEMPORARY STEEL PLATE ON PROPOSED STRUCTURE
-  TEMPORARY DITCH
-  TEMPORARY SWALE
-  CONSTRUCTION ZONE
-  TEMPORARY PAVEMENT
-  TEMPORARY PAVEMENT FROM PREVIOUS STAGE
-  PERMANENT DITCH
-  EXISTING STORM SEWER
-  TEMPORARY/PROPOSED STORM SEWER

NOTES:

1. FOR MORE DRAINAGE INFORMATION SEE PROPOSED DRAINAGE PLANS.
2. PERIMETER EROSION BARRIER IS LOCATED ON TEMP. EASEMENT/PERM. EASEMENT/R.O.W. LINE AS SHOWN ON THE PLANS.
3. FOR MORE STAGE CONSTRUCTION INFORMATION SEE STAGING AND TRAFFIC CONTROL PLANS.



FILE NAME = D264987-shr-eros45.dgn	USER NAME = 328289871	DESIGNED - LOM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STORM WATER POLLUTION PREVENTION PLAN & TEMPORARY DRAINAGE			F.A.P. RTE. 303	SECTION 129K-1	COUNTY WINNEBAGO	TOTAL SHEETS 401	SHEET NO. 222
PLOT SCALE = 100.0000' / IN.		CHECKED - PDK	REVISED -		STAGE 4A & B 858+00.00 868+00.00			CONTRACT NO. 64987				
PLOT DATE = 1/18/2011		DATE - 01-19-2011	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. 875+00.00 TO STA. 889+00.00	FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				



- NOTES:**
- FOR MORE DRAINAGE INFORMATION SEE PROPOSED DRAINAGE PLANS.
 - PERIMETER EROSION BARRIER IS LOCATED ON TEMP. EASEMENT/PERM. EASEMENT/R.O.W. LINE AS SHOWN ON THE PLANS.
 - FOR MORE STAGE CONSTRUCTION INFORMATION SEE STAGING AND TRAFFIC CONTROL PLANS.

- LEGEND**
- TEMPORARY DITCH CHECK
 - INLET & PIPE PROTECTION
 - PERIMETER EROSION BARRIER
 - ① REMOVE EXISTING CLOSED LID FROM TYPE 1 FRAME AND REPLACE W/ OPEN LID, ADJUST RIM TO GRADE
 - ② REMOVE TOP OF EXISTING INLET AND COVER W/ STEEL PLATE
 - ③ TEMPORARY STEEL PLATE ON PROPOSED STRUCTURE
 - TEMPORARY DITCH
 - TEMPORARY SWALE
 - CONSTRUCTION ZONE
 - TEMPORARY PAVEMENT
 - TEMPORARY PAVEMENT FROM PREVIOUS STAGE
 - PERMANENT DITCH
 - EXISTING STORM SEWER
 - TEMPORARY/PROPOSED STORM SEWER

FILE NAME = D264987-sht-eros47.dgn	USER NAME = 3202090971	DESIGNED - LOM	REVISED -
		DRAWN - MD	REVISED -
	PLOT SCALE = 100.0000' / IN.	CHECKED - PDK	REVISED -
	PLOT DATE = 1/18/2011	DATE - 01-19-2011	REVISED -

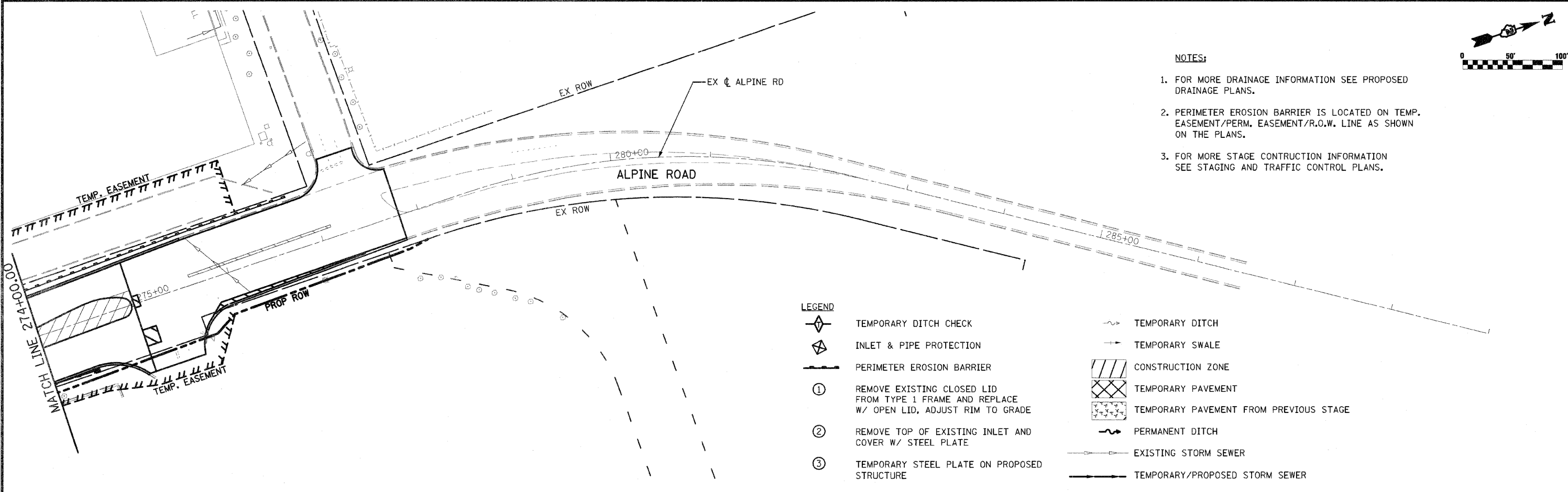
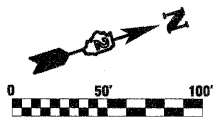
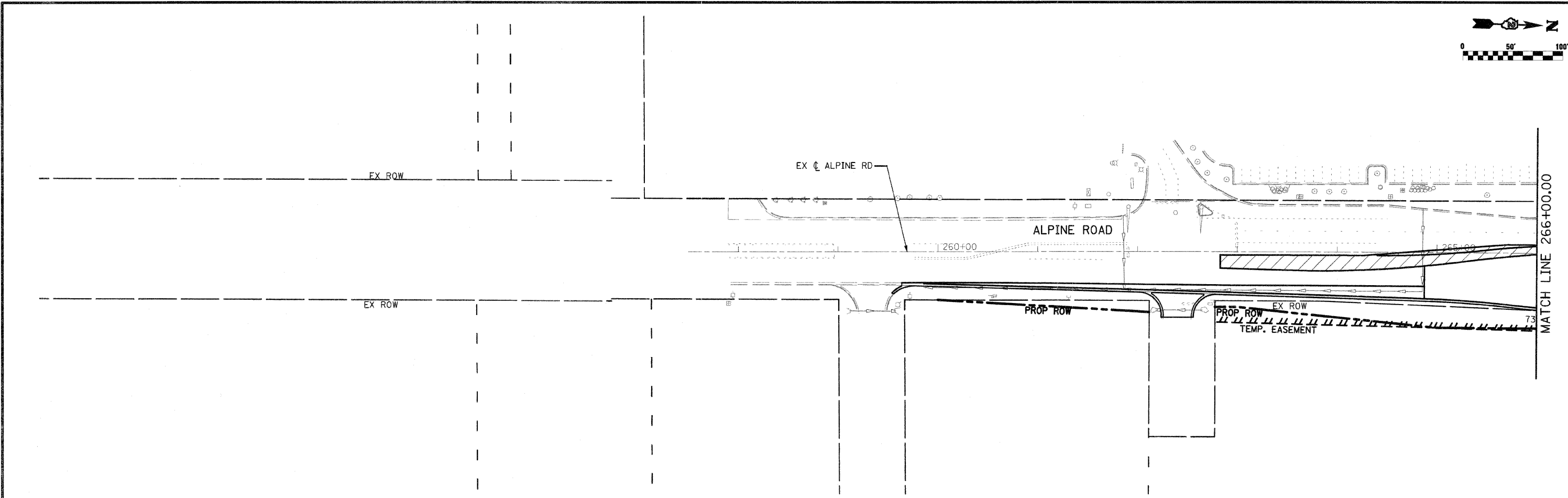
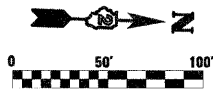
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STORM WATER POLLUTION PREVENTION PLAN
& TEMPORARY DRAINAGE
STAGE 4A & B STA. 70+50.00 TO STA. 78+00.00**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K-1	WINNEBAGO	401	223
CONTRACT NO. 64987				

SCALE: SHEET NO. OF SHEETS STA. 315+00.00 TO STA. 321+50.00

FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT



- NOTES:**
1. FOR MORE DRAINAGE INFORMATION SEE PROPOSED DRAINAGE PLANS.
 2. PERIMETER EROSION BARRIER IS LOCATED ON TEMP. EASEMENT/PERM. EASEMENT/R.O.W. LINE AS SHOWN ON THE PLANS.
 3. FOR MORE STAGE CONSTRUCTION INFORMATION SEE STAGING AND TRAFFIC CONTROL PLANS.

- LEGEND**
- TEMPORARY DITCH CHECK
 - INLET & PIPE PROTECTION
 - PERIMETER EROSION BARRIER
 - ① REMOVE EXISTING CLOSED LID FROM TYPE 1 FRAME AND REPLACE W/ OPEN LID, ADJUST RIM TO GRADE
 - ② REMOVE TOP OF EXISTING INLET AND COVER W/ STEEL PLATE
 - ③ TEMPORARY STEEL PLATE ON PROPOSED STRUCTURE
 - TEMPORARY DITCH
 - TEMPORARY SWALE
 - CONSTRUCTION ZONE
 - TEMPORARY PAVEMENT
 - TEMPORARY PAVEMENT FROM PREVIOUS STAGE
 - PERMANENT DITCH
 - EXISTING STORM SEWER
 - TEMPORARY/PROPOSED STORM SEWER

FILE NAME = 0264987-sh1-aros48.cgn

USER NAME = 3202090971
 PLOT SCALE = 100.0000' / IN.
 PLOT DATE = 3/16/2011

DESIGNED - LOM
 DRAWN - MD
 CHECKED - PDK
 DATE - 03-16-2011

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**STORM WATER POLLUTION PREVENTION PLAN
 & TEMPORARY DRAINAGE
 STAGE 4A & B**

SCALE: SHEET NO. OF SHEETS STA. 241+50.00 TO STA. 266+00.00

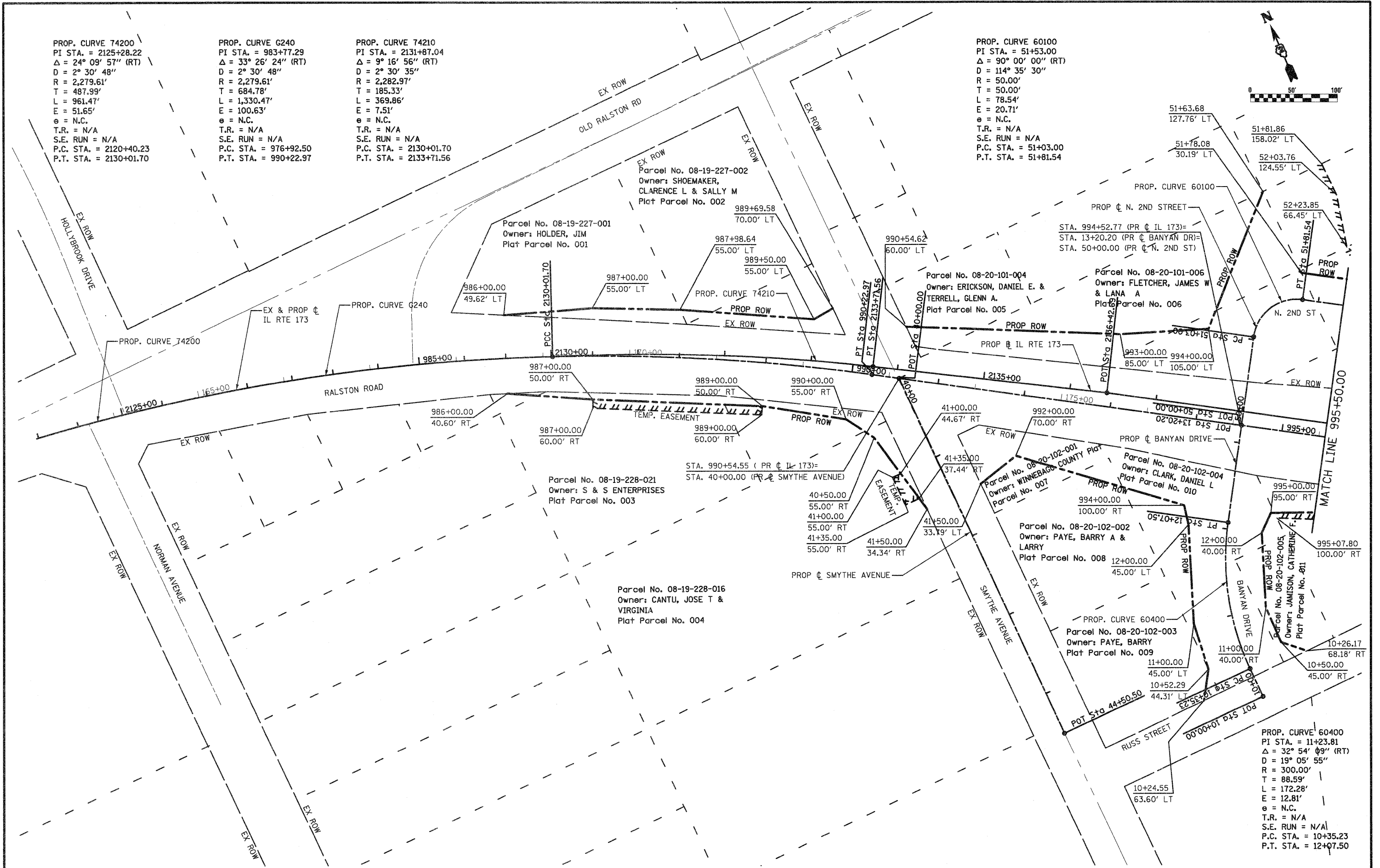
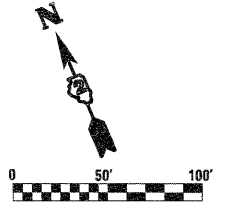
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K-1	WINNEBAGO	401	224
CONTRACT NO. 64987				
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				

PROP. CURVE 74200
 PI STA. = 2125+28.22
 $\Delta = 24^\circ 09' 57''$ (RT)
 $D = 2^\circ 30' 48''$
 $R = 2,279.61'$
 $T = 487.99'$
 $L = 961.47'$
 $E = 51.65'$
 $e = N.C.$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA. = 2120+40.23$
 $P.T. STA. = 2130+01.70$

PROP. CURVE G240
 PI STA. = 983+77.29
 $\Delta = 33^\circ 26' 24''$ (RT)
 $D = 2^\circ 30' 48''$
 $R = 2,279.61'$
 $T = 684.78'$
 $L = 1,330.47'$
 $E = 100.63'$
 $e = N.C.$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA. = 976+92.50$
 $P.T. STA. = 990+22.97$

PROP. CURVE 74210
 PI STA. = 2131+87.04
 $\Delta = 9^\circ 16' 56''$ (RT)
 $D = 2^\circ 30' 35''$
 $R = 2,282.97'$
 $T = 185.33'$
 $L = 369.86'$
 $E = 7.51'$
 $e = N.C.$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA. = 2130+01.70$
 $P.T. STA. = 2133+71.56$

PROP. CURVE 60100
 PI STA. = 51+53.00
 $\Delta = 90^\circ 00' 00''$ (RT)
 $D = 114^\circ 35' 30''$
 $R = 50.00'$
 $T = 50.00'$
 $L = 78.54'$
 $E = 20.71'$
 $e = N.C.$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA. = 51+03.00$
 $P.T. STA. = 51+81.54$



PROP. CURVE 60400
 PI STA. = 11+23.81
 $\Delta = 32^\circ 54' 09''$ (RT)
 $D = 19^\circ 05' 55''$
 $R = 300.00'$
 $T = 88.59'$
 $L = 172.28'$
 $E = 12.81'$
 $e = N.C.$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA. = 10+35.23$
 $P.T. STA. = 12+07.50$

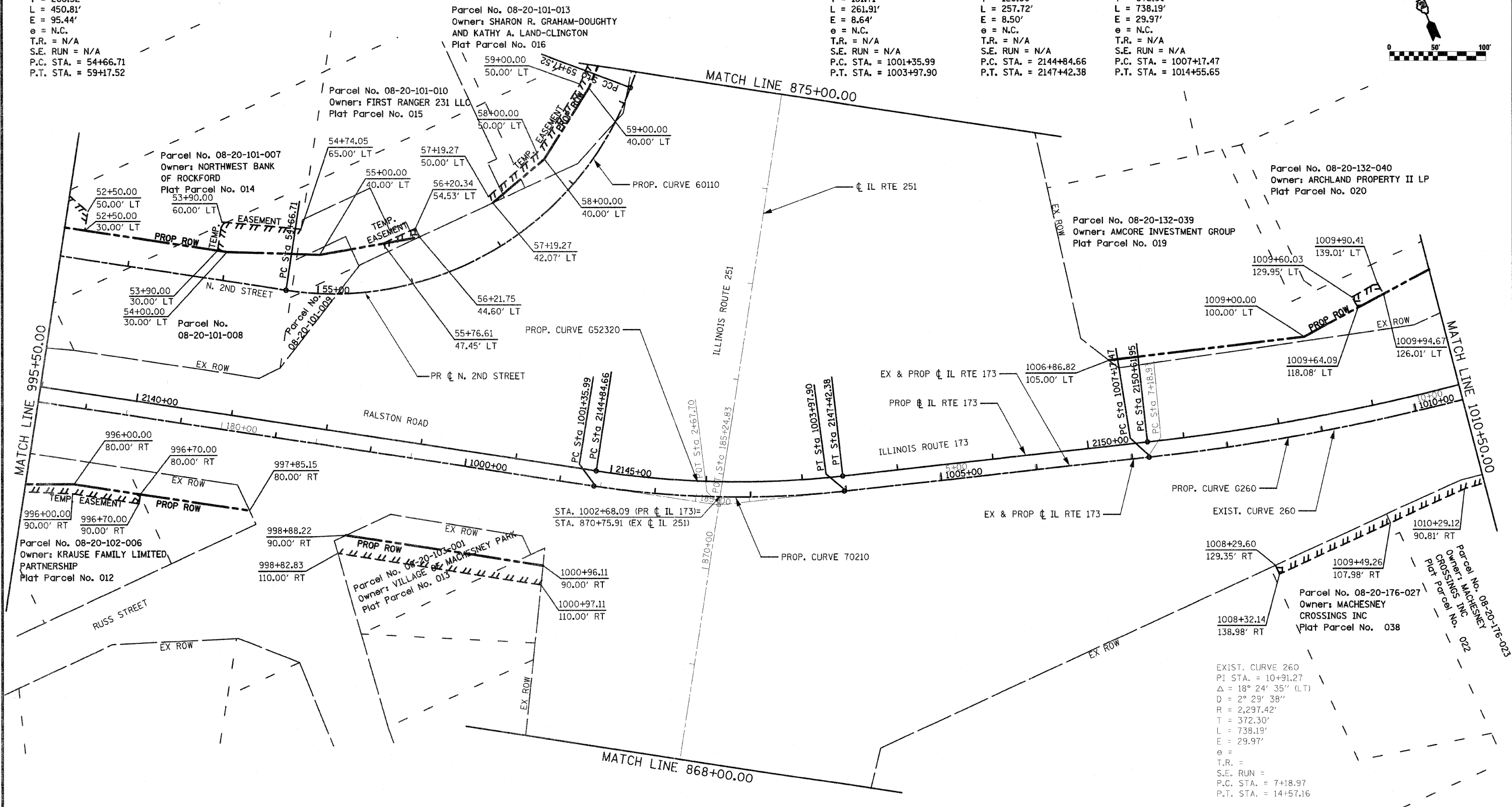
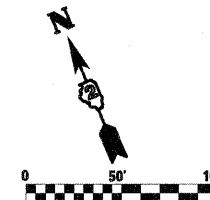
FILE NAME = D264987-shr-row-01.dgn	USER NAME = 328280971	DESIGNED - LOM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RIGHT OF WAY PLAN RALSTON ROAD		F.A.P. RTE. 303	SECTION 129K-1	COUNTY WINNEBAGO	TOTAL SHEETS 401	SHEET NO. 225
	PLOT SCALE = 1/8" = 100.0000' / IN.	DRAWN - MD	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. 980+50.00 TO STA. 995+50.00	FED. ROAD DIST. NO. 2	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 64987
	PLOT DATE = 1/18/2011	CHECKED - PDK	REVISED -								
		DATE - 01-19-2011	REVISED -								

PROP. CURVE 60110
 PI STA. = 57+35.23
 $\Delta = 78^\circ 16' 14''$ (LT)
 D = 17° 21' 44"
 R = 330.00'
 T = 268.52'
 L = 450.81'
 E = 95.44'
 e = N.C.
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA. = 54+66.71
 P.T. STA. = 59+17.52

PROP. CURVE 70210
 PI STA. = 1002+67.70
 $\Delta = 15^\circ 00' 23''$ (LT)
 D = 5° 43' 46"
 R = 1,000.00'
 T = 131.71'
 L = 261.91'
 E = 8.64'
 e = N.C.
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA. = 1001+35.99
 P.T. STA. = 1003+97.90

PROP. CURVE G52320
 PI STA. = 2146+14.26
 $\Delta = 15^\circ 00' 23''$ (LT)
 D = 5° 49' 22"
 R = 984.00'
 T = 129.60'
 L = 257.72'
 E = 8.50'
 e = N.C.
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA. = 2144+84.66
 P.T. STA. = 2147+42.38

PROP. CURVE G260
 PI STA. = 1010+89.77
 $\Delta = 18^\circ 24' 35''$ (LT)
 D = 2° 29' 38"
 R = 2,297.42'
 T = 372.30'
 L = 738.19'
 E = 29.97'
 e = N.C.
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA. = 1007+17.47
 P.T. STA. = 1014+55.65



FILE NAME = 0264987-shr-row-02.dgn
 USER NAME = 3202098971
 PLOT SCALE = 1/8" = 100.0000' / IN.
 PLOT DATE = 3/16/2011

DESIGNED - LOM	REVISED -
DRAWN - MD	REVISED -
CHECKED - PDK	REVISED -
DATE - 03-16-2011	REVISED -

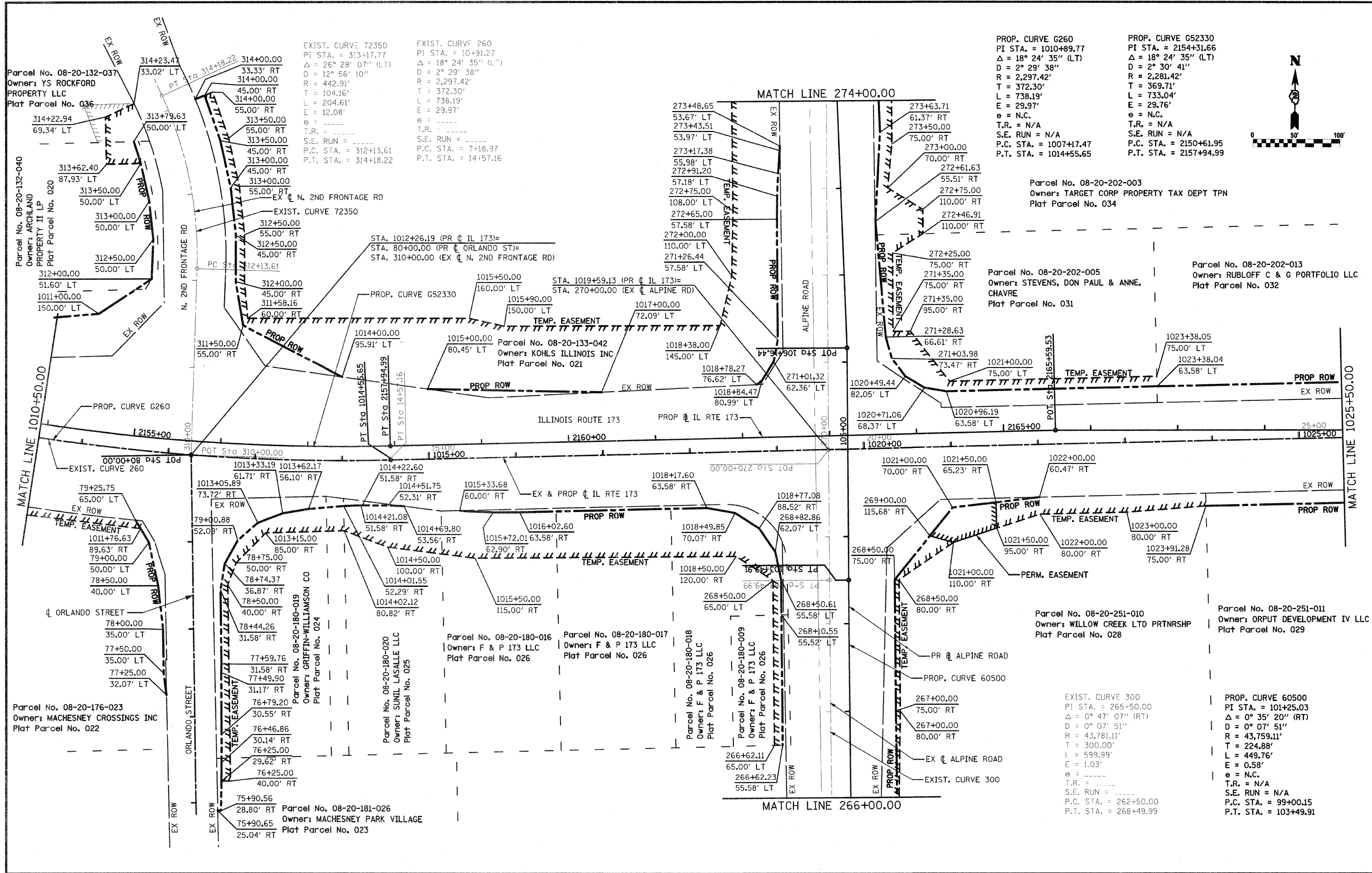
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RIGHT OF WAY PLAN
 RALSTON ROAD \ ILLINOIS ROUTE 173**

SCALE: SHEET NO. OF SHEETS STA. 995+50.00 TO STA. 1010+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K-1	WINNEBAGO	401	226

CONTRACT NO. 64987
 FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT

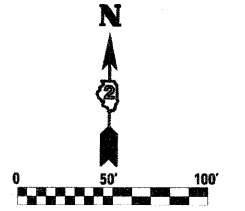


EXIST. CURVE 72350
 PI STA. = 313+17.77
 $\Delta = 26^\circ 28' 07''$ (LT)
 $D = 12^\circ 56' 10''$
 $R = 442.91'$
 $T = 104.16'$
 $L = 204.61'$
 $E = 12.08'$
 $e =$
 T.R. =
 S.E. RUN =
 P.C. STA. = 312+13.61
 P.T. STA. = 314+18.22

EXIST. CURVE 260
 PI STA. = 10+91.27
 $\Delta = 18^\circ 24' 35''$ (LT)
 $D = 2^\circ 29' 38''$
 $R = 2,297.42'$
 $T = 372.30'$
 $L = 738.19'$
 $E = 29.97'$
 $e =$
 T.R. =
 S.E. RUN =
 P.C. STA. = 7+18.97
 P.T. STA. = 14+57.16

PROP. CURVE G260
 PI STA. = 1010+89.77
 $\Delta = 18^\circ 24' 35''$ (LT)
 $D = 2^\circ 29' 38''$
 $R = 2,297.42'$
 $T = 372.30'$
 $L = 738.19'$
 $E = 29.97'$
 $e =$
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA. = 1007+17.47
 P.T. STA. = 1014+55.65

PROP. CURVE G52330
 PI STA. = 2154+31.66
 $\Delta = 18^\circ 24' 35''$ (LT)
 $D = 2^\circ 30' 41''$
 $R = 2,281.42'$
 $T = 369.71'$
 $L = 733.04'$
 $E = 29.76'$
 $e =$
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA. = 2150+61.95
 P.T. STA. = 2157+94.99



FILE NAME =
 D264987-shr-row-23.dgn

USER NAME = 320280971
 PLOT SCALE = 1000.0000 / IN.
 PLOT DATE = 3/16/2011

DESIGNED - LOM
 DRAWN - MD
 CHECKED - PDK
 DATE - 03-16-2011

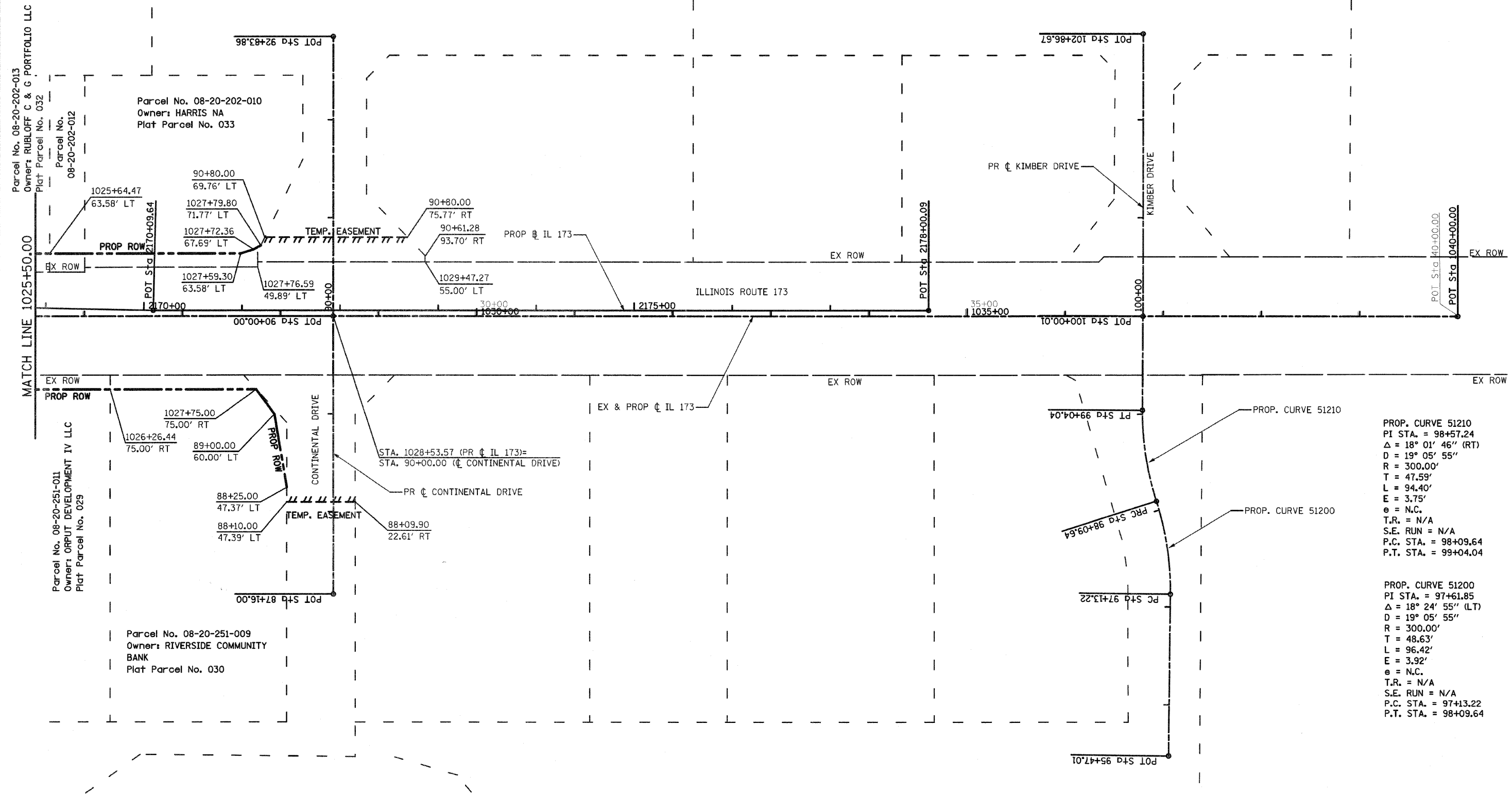
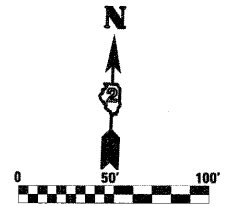
REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
 ILLINOIS ROUTE 173
 SCALE: SHEET NO. OF SHEETS STA. 1010+50.00 TO STA. 1025+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K-1	WINNEBAGO	401	227
CONTRACT NO. 64987				

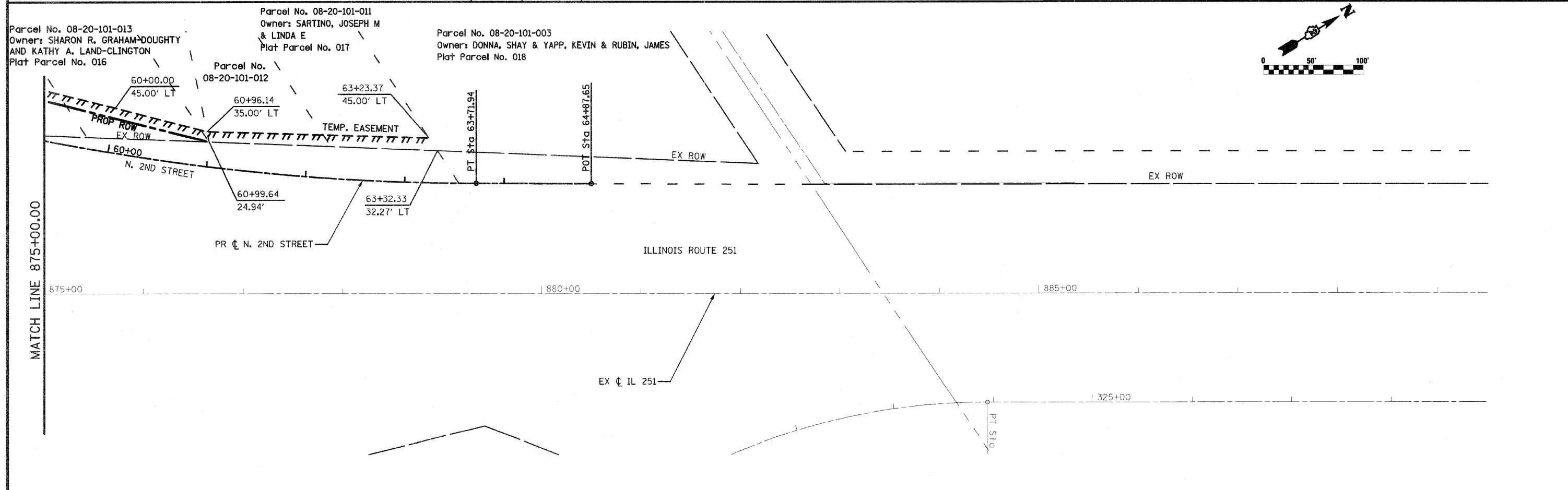
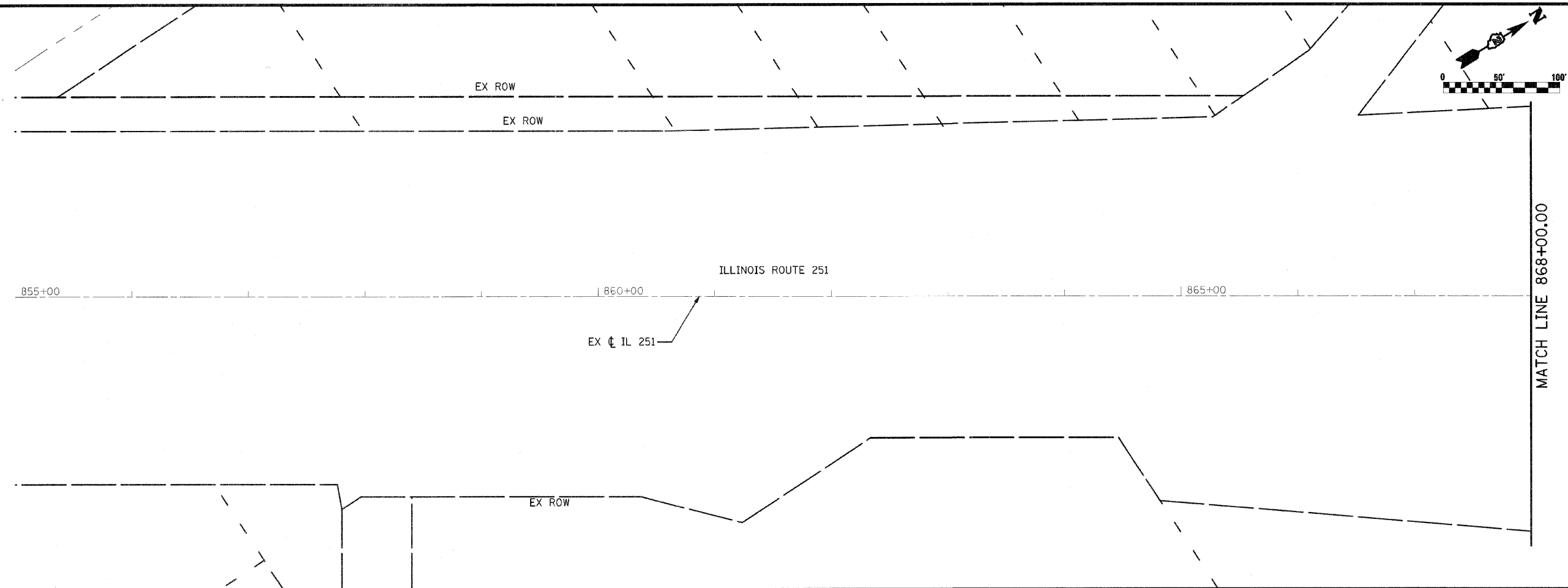
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT



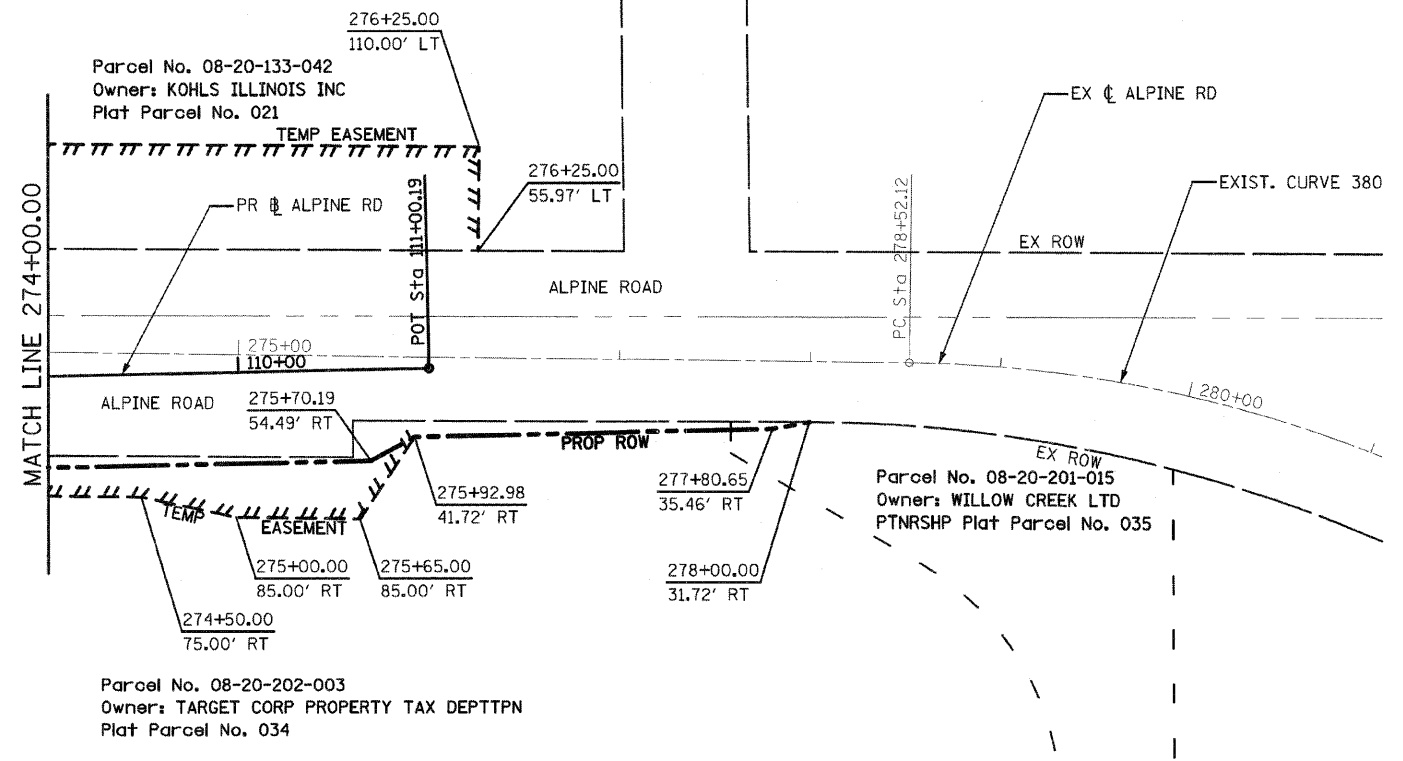
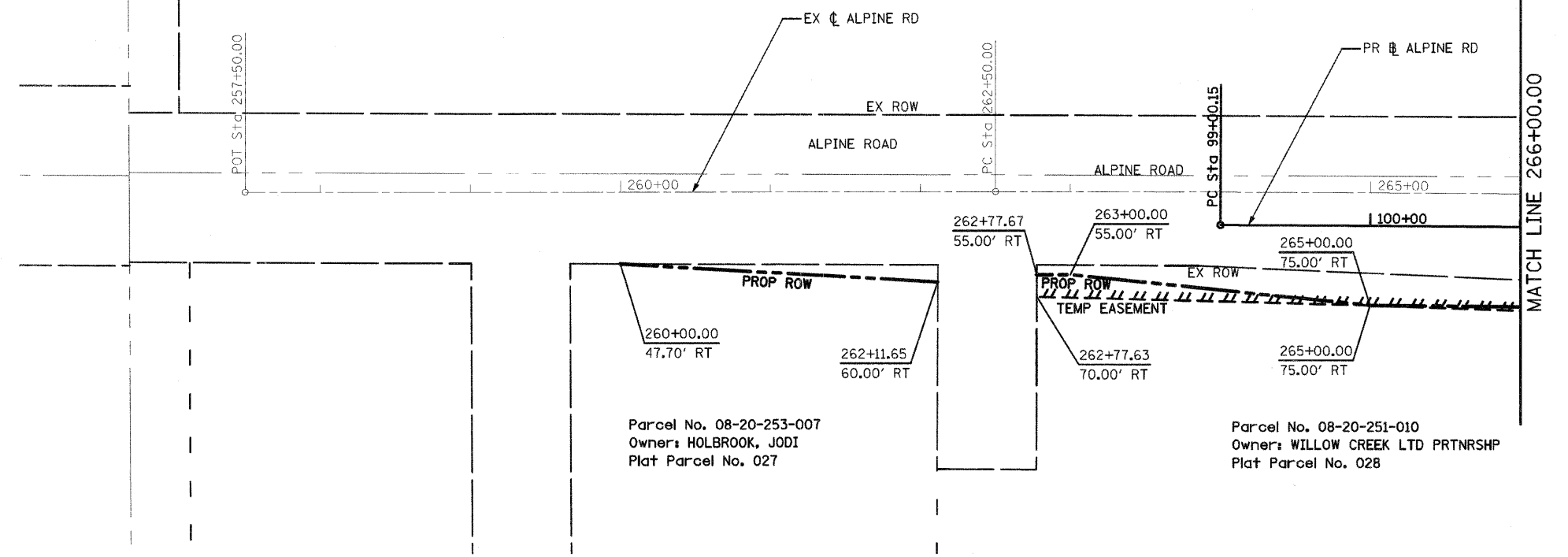
PROP. CURVE 51210
 PI STA. = 98+57.24
 Δ = 18° 01' 46" (RT)
 D = 19° 05' 55"
 R = 300.00'
 T = 47.59'
 L = 94.40'
 E = 3.75'
 e = N.C.
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA. = 98+09.64
 P.T. STA. = 99+04.04

PROP. CURVE 51200
 PI STA. = 97+61.85
 Δ = 18° 24' 55" (LT)
 D = 19° 05' 55"
 R = 300.00'
 T = 48.63'
 L = 96.42'
 E = 3.92'
 e = N.C.
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA. = 97+13.22
 P.T. STA. = 98+09.64

FILE NAME 0264987-shr-rw-04.dgn	USER NAME 320209071	DESIGNED LOM	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RIGHT OF WAY PLAN ILLINOIS ROUTE 173		F.A.P. RTE. 303	SECTION 129K-1	COUNTY WINNEBAGO	TOTAL SHEETS 401	SHEET NO. 228	
PLOT SCALE = 1/8" = 100' / IN.	CHECKED PDK	DATE 03-16-2011	REVISIONS -		SCALE:	SHEET NO. OF SHEETS	STA. 1025+50.00 TO STA. 1040+00.00	CONTRACT NO. 64987				
PLOT DATE = 3/16/2011	DATE				FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT							



FILE NAME = 0264987-shr-row-05.dgn	USER NAME = 3202098971	DESIGNED - LOM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RIGHT OF WAY PLAN ILLINOIS ROUTE 251		F.A.P. RTE. 303	SECTION 129K-1	COUNTY WINNEBAGO	TOTAL SHEETS 401	SHEET NO. 229	
PLOT SCALE = 1/8" = 100.0000' / IN.		CHECKED - PDK	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. 855+00.00 TO STA. 889+00.00	CONTRACT NO. 64987				
PLOT DATE = 3/16/2011		DATE - 03-16-2011	REVISED -		FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT							



EXIST. CURVE 380
 PI STA. = 280+54.85
 $\Delta = 32^\circ 26' 29''$ (RT)
 $D = 8^\circ 13' 18''$
 $R = 696.88'$
 $T = 202.74'$
 $L = 394.58'$
 $E = 28.89'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 278+52.12$
 $P.T. STA. = 282+46.70$

FILE NAME =
 0264987-shr-row-05.dgn

USER NAME = 3202098971
 DESIGNED - LOM
 DRAWN - MD
 CHECKED - PDK
 PLOT DATE = 3/16/2011
 DATE - 03-16-2011

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RIGHT OF WAY PLAN
 ALPINE ROAD**

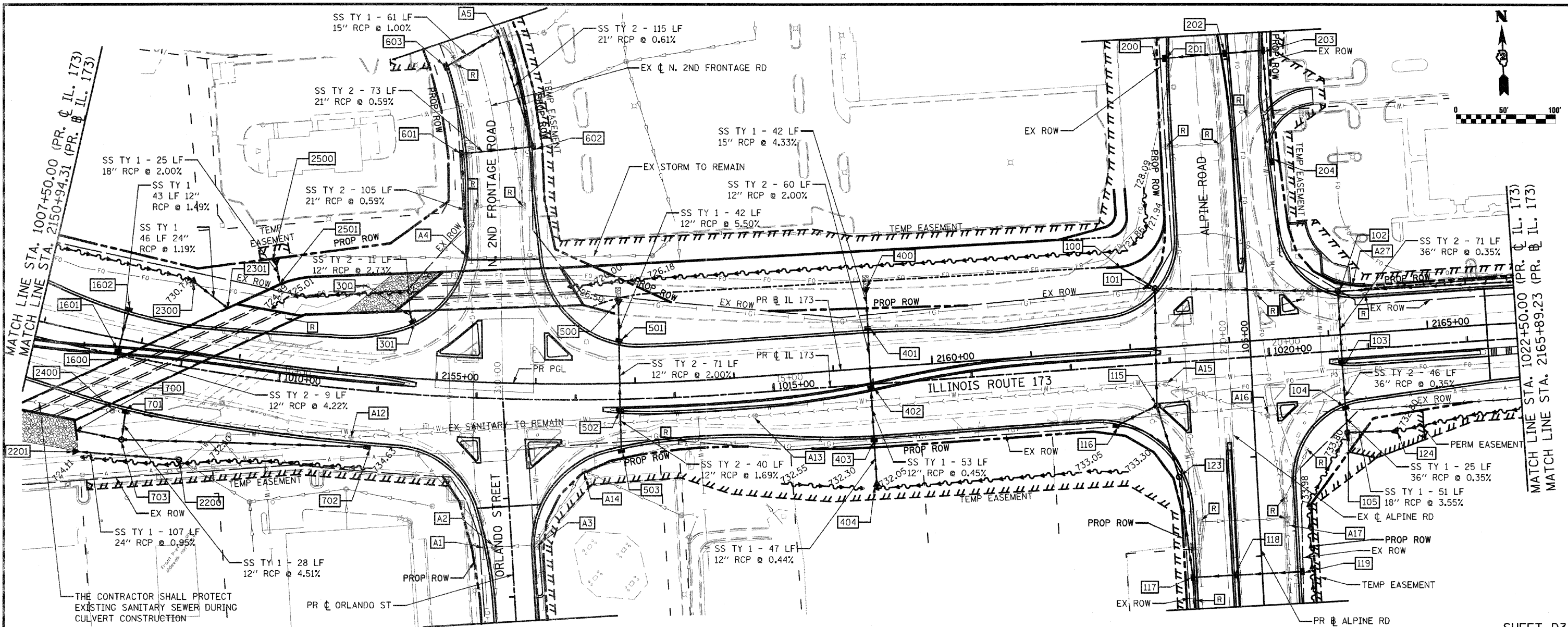
SCALE: SHEET NO. OF SHEETS STA. 274+00.00 TO STA. 281+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K-1	WINNEBAGO	401	230
CONTRACT NO. 64987				

FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT

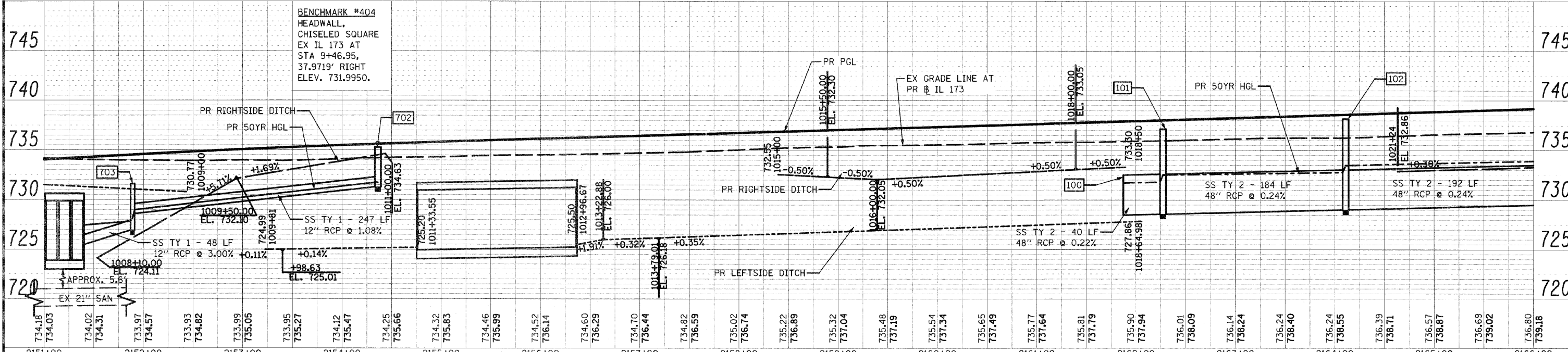
DATE	
BY	
SUBMITTED	
PLANNED	
NOTED	
NO.	

DATE	
BY	
SURVEYED	
PLANNED	
NOTED	
NO.	



THE CONTRACTOR SHALL PROTECT EXISTING SANITARY SEWER DURING CULVERT CONSTRUCTION

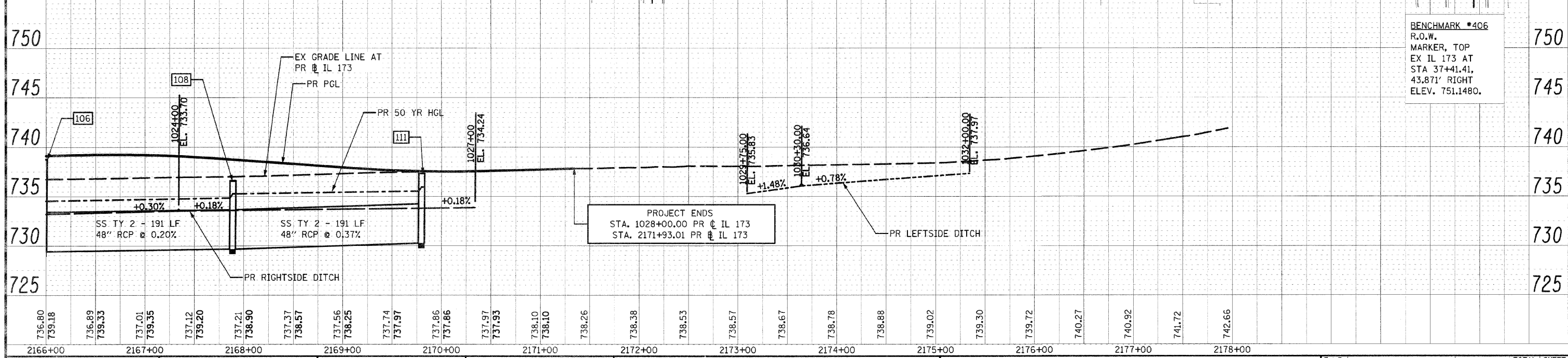
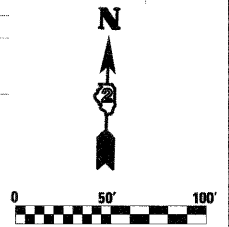
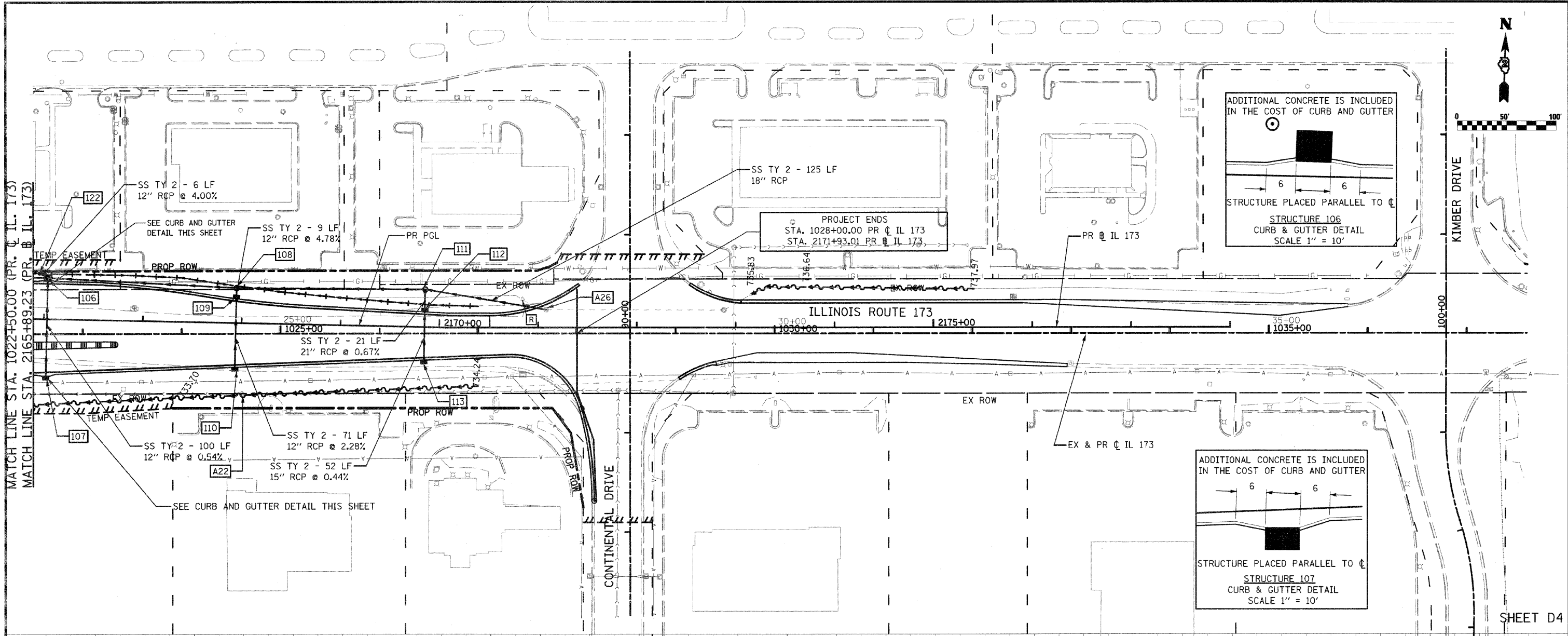
SHEET D3



FILE NAME = 0264987-shd-drain-03.dgn	USER NAME = 320290971	DESIGNED - LOM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLAN ILLINOIS ROUTE 173	F.A.P. R.T.E. = 303	SECTION = 129K-1	COUNTY = WINNEBAGO	TOTAL SHEETS = 401	SHEET NO. = 233	
PLOT SCALE = 100.0000' / IN.	PLOT DATE = 3/16/2011	DRAWN - MG	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. 1007+50.00 TO STA. 1022+50.00	FED. ROAD DIST. NO. 2	ILLINOIS FED. AID PROJECT	CONTRACT NO. 64987
		CHECKED - PDK	REVISED -								
		DATE = 03-16-2011	REVISED -								

DATE: _____
 BY: _____
 SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 NO. _____

DATE: _____
 BY: _____
 SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 NO. _____

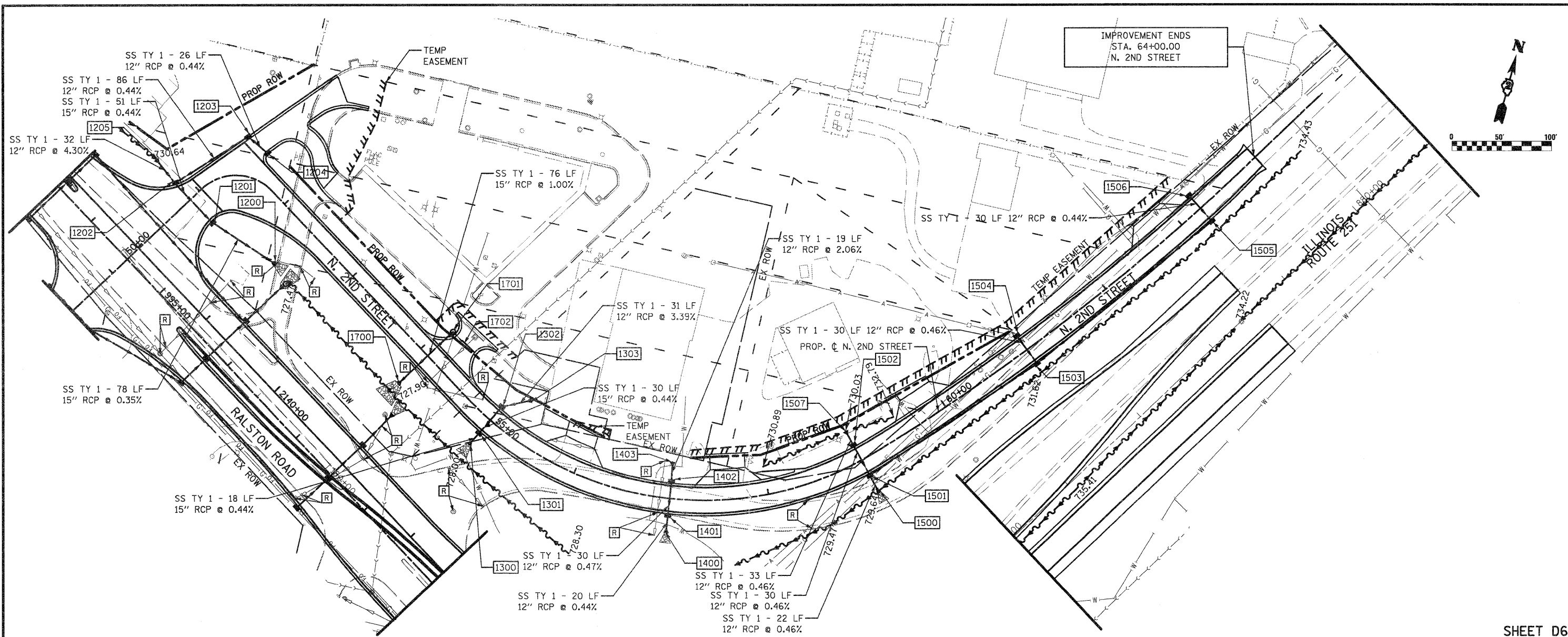


BENCHMARK *406
 R.O.W.
 MARKER, TOP
 EX IL 173 AT
 STA 37+41.41,
 43.871' RIGHT
 ELEV. 751.1480.

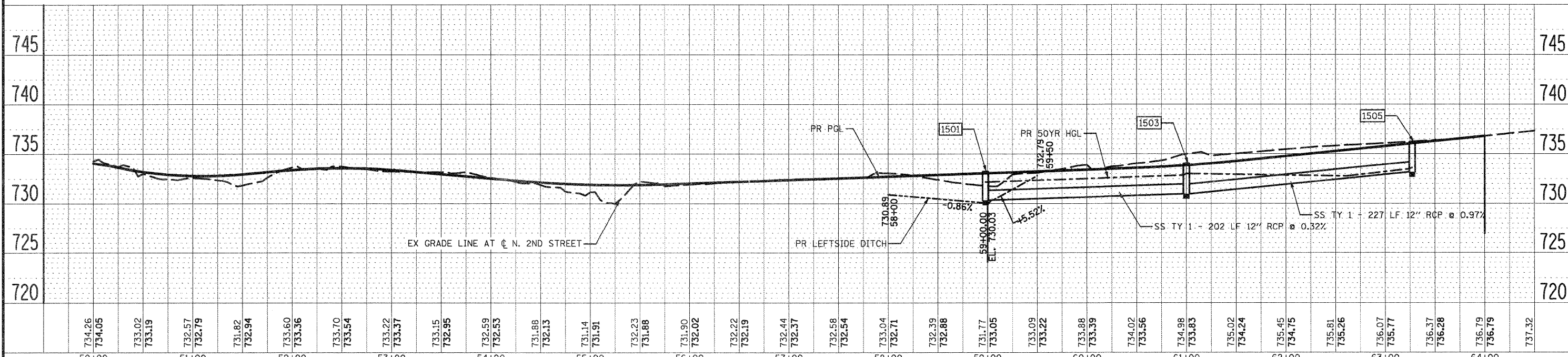
FILE NAME = 0264987-shd-drain-04.dgn	USER NAME = 328289871	DESIGNED - LOM	REVISOR -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLAN ILLINOIS ROUTE 173	F.A.P. RTE. 303	SECTION 129K-1	COUNTY WINNEBAGO	TOTAL SHEETS 401	SHEET NO. 234	
	PLOT SCALE = 1/80.0000' / IN.	DRAWN - MG	REVISIONS -			SCALE:	SHEET NO. OF SHEETS	STA. 1022+50.00 TO STA. 1037+50.00	FED. ROAD DIST. NO. 2	ILLINOIS FED. AID PROJECT	CONTRACT NO. 64987
	PLOT DATE = 3/16/2011	CHECKED - PDK	REVISIONS -								
		DATE 03-16-2011	REVISIONS -								

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	BY		
	NO. OF WAY CHECKED		
	PAID FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	BY		
	NO. OF WAY CHECKED		
	STRUCTURE NOTATIONS OK'D		
	NO.		



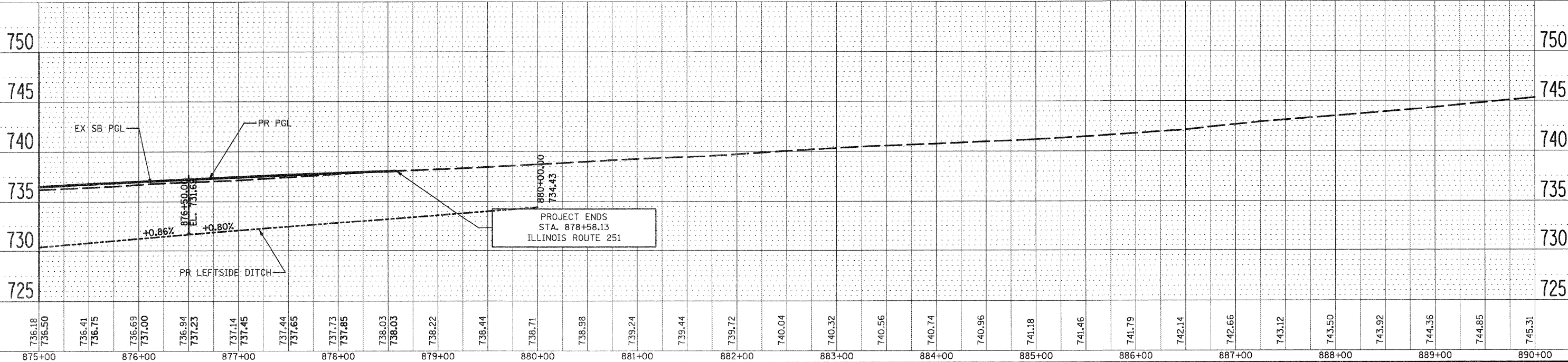
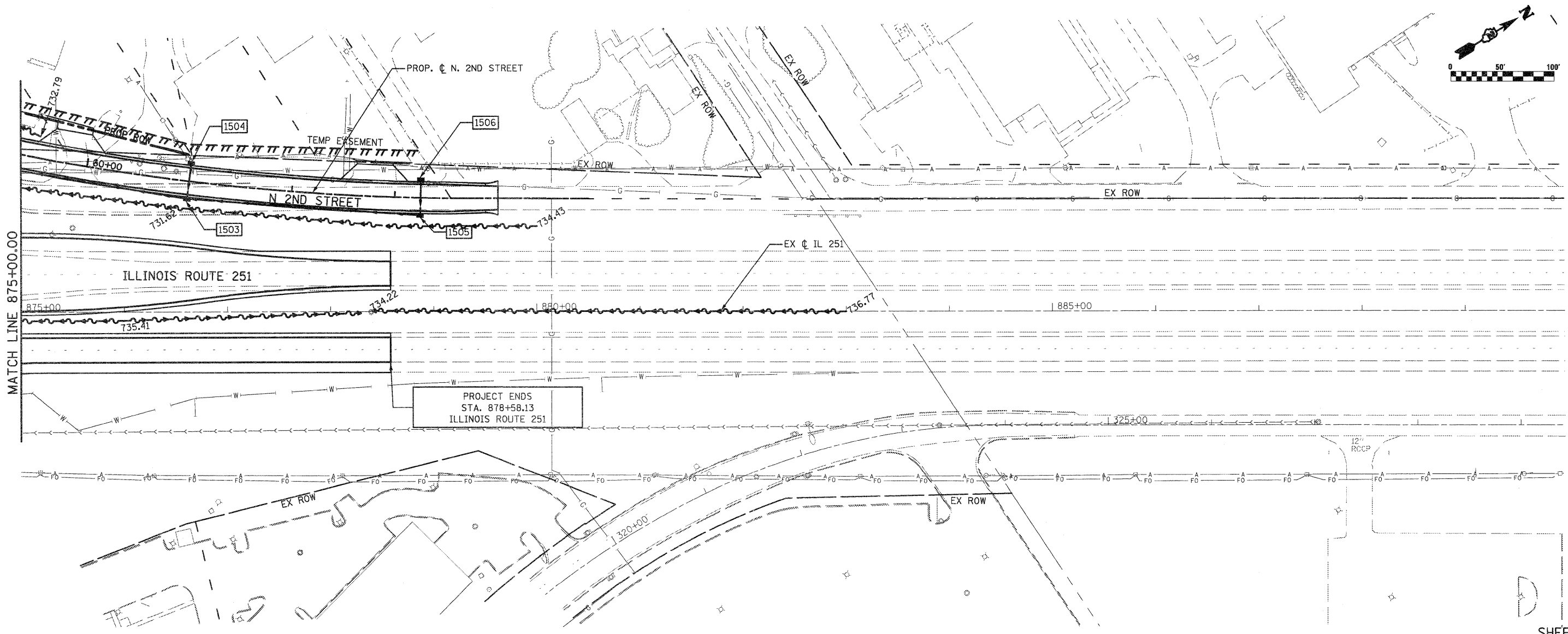
SHEET D6



FILE NAME = D264987-shd-draun-06.dgn	USER NAME = 3282890971	DESIGNED - LOM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLAN N. 2ND STREET	F.A.P. RTE. 303	SECTION 129K-1	COUNTY WINNEBAGO	TOTAL SHEETS 401	SHEET NO. 236		
	PLLOT SCALE = 100.0000' / IN.	DRAWN - MG	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. 50+00.00 TO STA. 64+00.00	CONTRACT NO. 64987			
	PLLOT DATE = 1/18/2011	CHECKED - PDK	REVISED -			FED. ROAD DIST. NO. 2 (ILLINOIS) FED. AID PROJECT						
		DATE - 01-19-2011	REVISED -									

DATE	
BY	
SURVEYED	
PLOTTED	
CHECKED	
NOTE BOOK	
NO.	
FILE NAME	

DATE	
BY	
SURVEYED	
PLOTTED	
CHECKED	
NOTE BOOK	
NO.	
FILE NAME	



736.18	736.50	736.41	736.75	736.69	737.00	736.94	737.23	737.14	737.45	737.44	737.65	737.73	737.85	738.03	738.03	738.22	738.44	738.71	738.98	739.24	739.44	739.72	740.04	740.32	740.56	740.74	740.96	741.18	741.46	741.79	742.14	742.66	743.12	743.50	743.92	744.36	744.85	745.31
875+00	876+00	877+00	878+00	879+00	880+00	881+00	882+00	883+00	884+00	885+00	886+00	887+00	888+00	889+00	890+00																							

FILE NAME = 0264987-shr-drain-28.dgn

USER NAME = 3202090971
 PLOT SCALE = 100.0000' / IN.
 PLOT DATE = 1/18/2011

DESIGNED - LOM
 DRAWN - MG
 CHECKED - PDK
 DATE - 01-19-2011

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PLAN
 ILLINOIS ROUTE 251
 SCALE: SHEET NO. OF SHEETS STA. 875+00.00 TO STA. 878+58.13

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K-1	WINNEBAGO	401	238
CONTRACT NO. 64987				

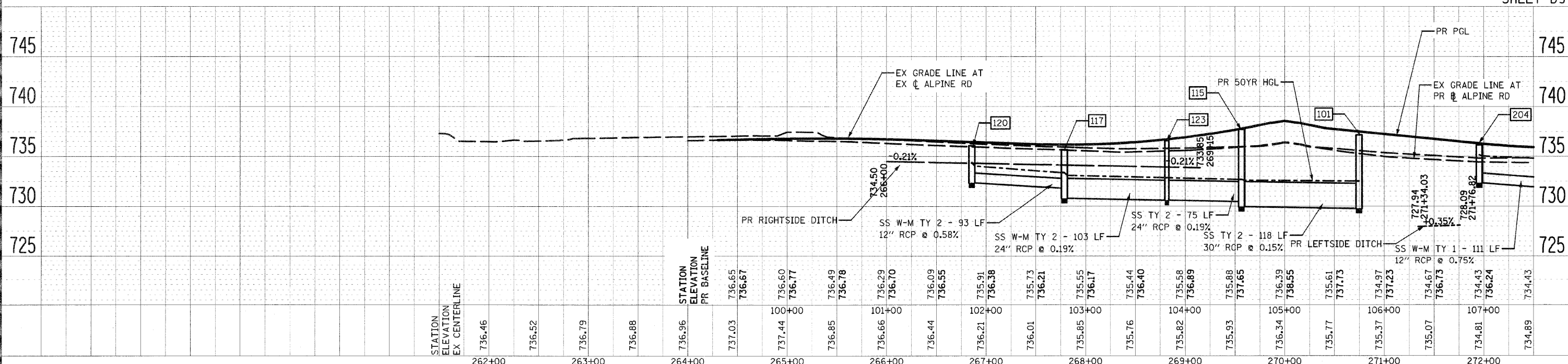
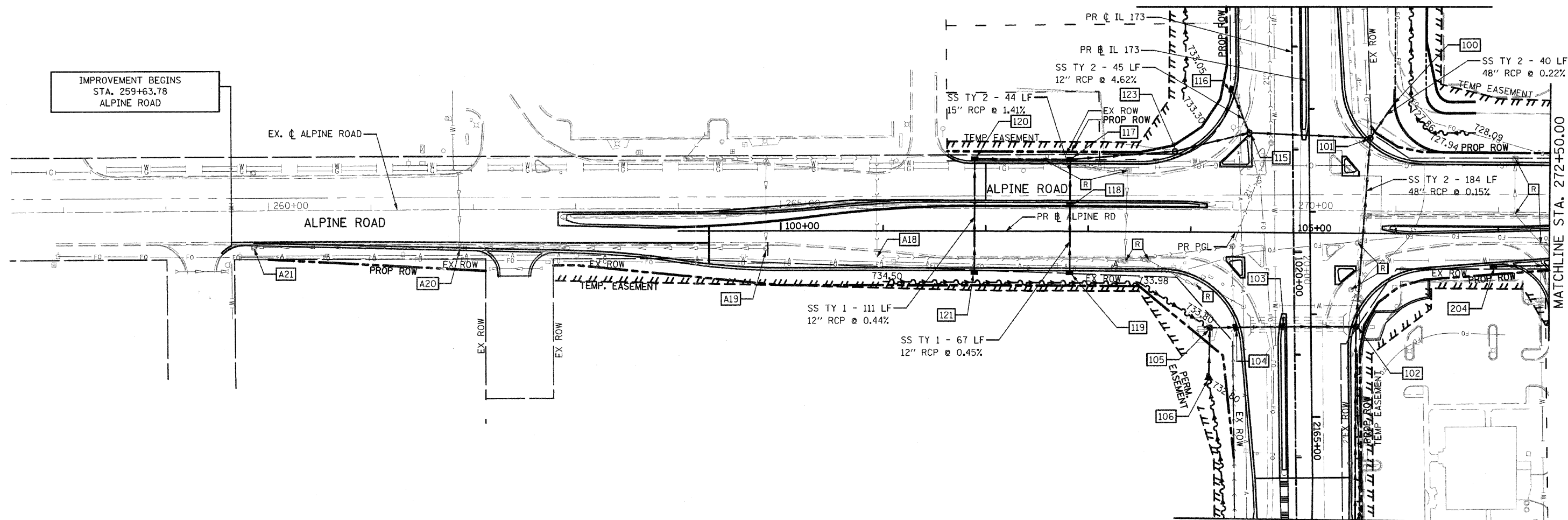
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT

SHEET D8



DATE	
BY	
SURVEYED	
PLOTTED	
CHECKED	
NO. 1	
NO. 2	
NO. 3	
NO. 4	
NO. 5	
NO. 6	
NO. 7	
NO. 8	
NO. 9	
NO. 10	

DATE	
BY	
SURVEYED	
PLOTTED	
CHECKED	
NO. 1	
NO. 2	
NO. 3	
NO. 4	
NO. 5	
NO. 6	
NO. 7	
NO. 8	
NO. 9	
NO. 10	



STATION	262+00	263+00	264+00	265+00	266+00	267+00	268+00	269+00	270+00	271+00	272+00																						
ELEVATION EX CENTERLINE	736.46	736.52	736.79	736.88	736.96	737.03	737.44	736.85	736.66	736.44	736.21	736.01	735.85	735.76	735.82	735.93	736.34	735.77	735.37	735.07	734.81	734.89											
STATION ELEVATION PR BASELINE	736.65	736.67	736.60	736.77	736.49	736.78	736.29	736.70	736.09	736.95	735.91	736.38	735.73	736.21	735.55	736.17	735.44	736.40	735.58	736.89	735.88	737.65	736.39	738.55	735.61	737.73	734.97	737.23	734.67	736.73	734.43	736.24	734.43

SHEET D9

FILE NAME = 0264987-ah-drain-29.dgn

USER NAME = 3202290971
 PLOT SCALE = 1/8" = 100'-0" / IN.
 DATE = 3/16/2011

DESIGNED - LOM
 DRAWN - MG
 CHECKED - PDK
 DATE - 03-16-2011

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITY PLAN
 ALPINE ROAD**
 SCALE: SHEET NO. OF SHEETS STA. 259+63.78 TO STA. 272+50.00

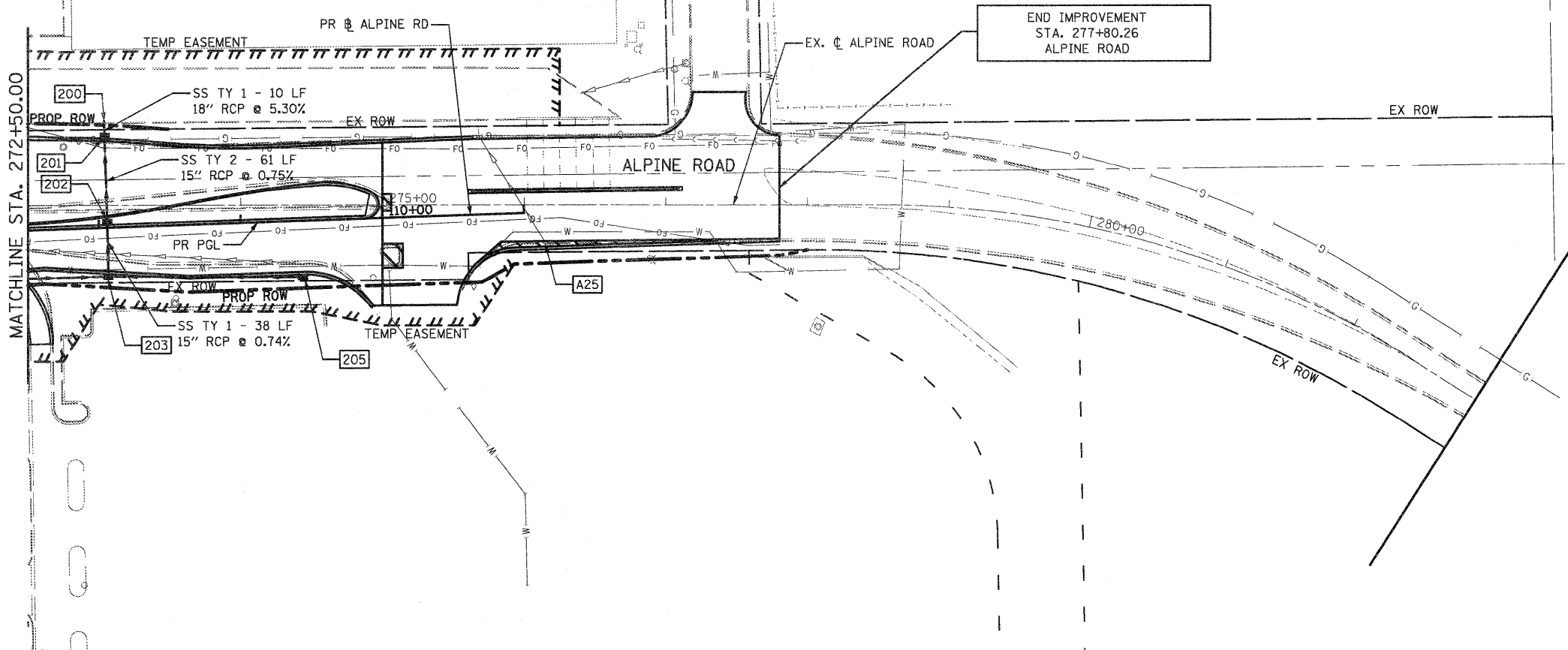
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K-1	WINNEBAGO	401	239
CONTRACT NO. 64987				
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				



BY	DATE
SURVEYED	
PLOTTED	
CHECKED	
NOTE BOOK NO.	
FILE NAME	

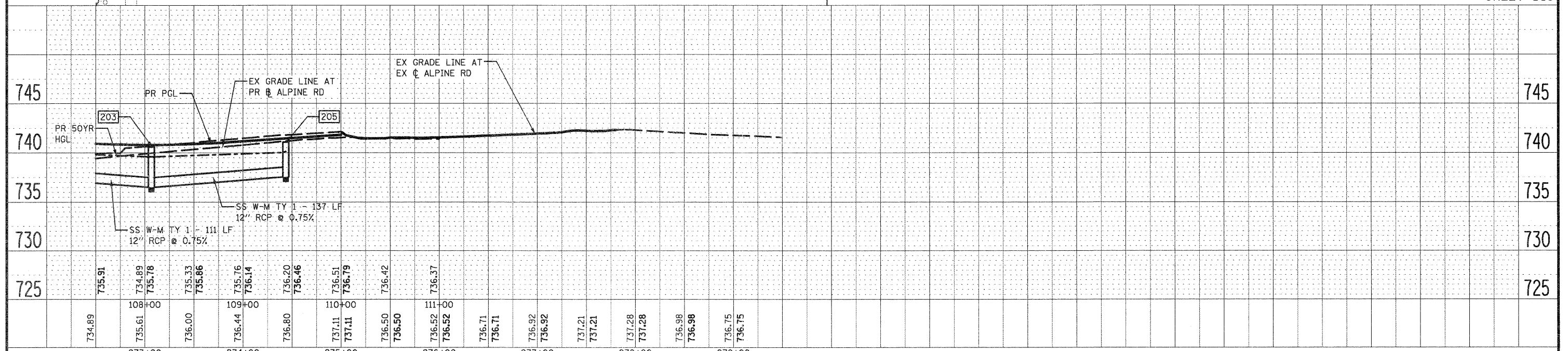
BY	DATE
PROFILE	
PLOTTED	
CHECKED	
NOTE BOOK NO.	
FILE NAME	

MATCHLINE STA. 272+50.00



END IMPROVEMENT
STA. 277+80.26
ALPINE ROAD

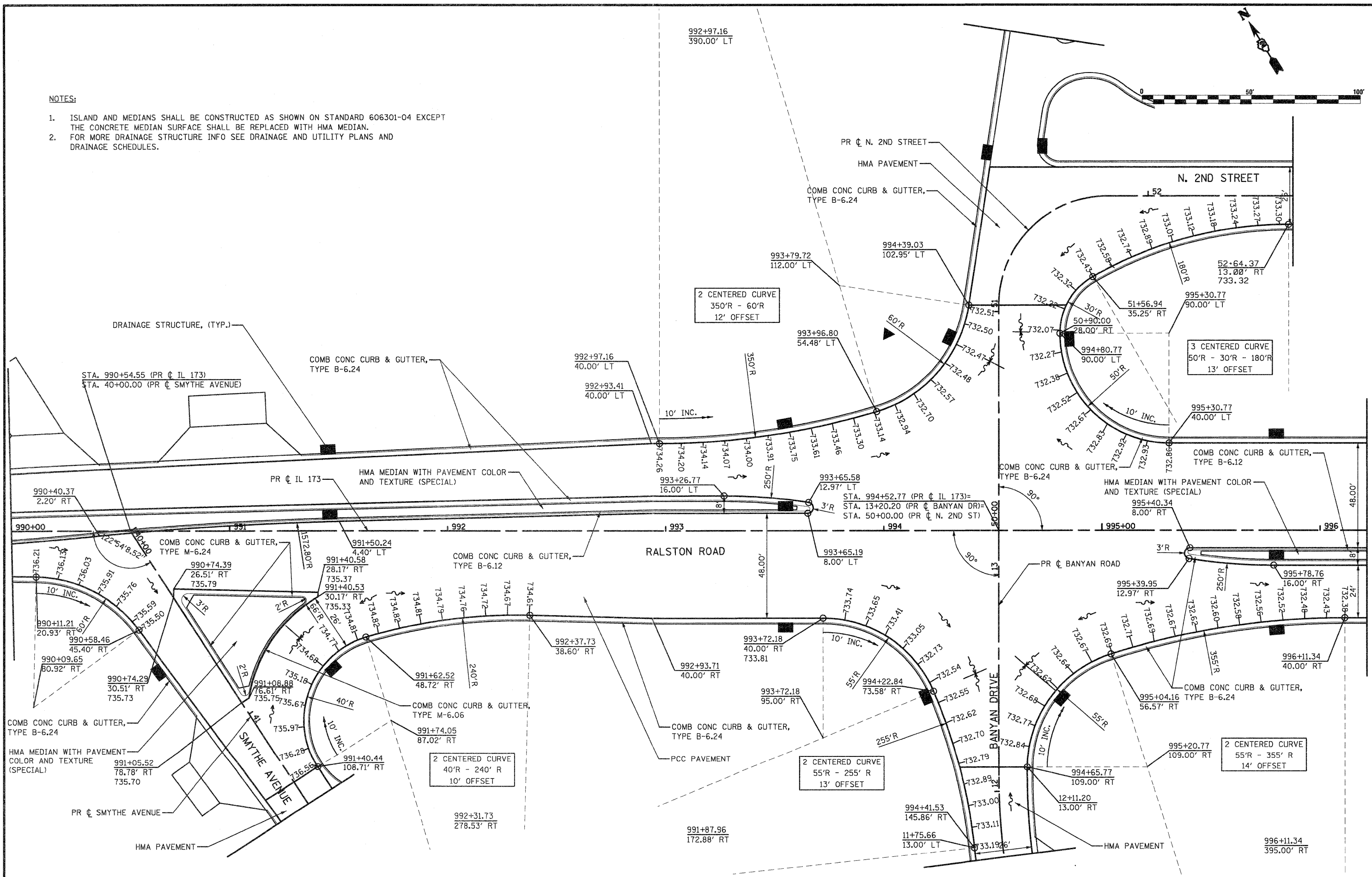
SHEET D10



FILE NAME = 0264987-shd-drain-10.dgn	USER NAME = 328289871	DESIGNED - LOM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLAN ALPINE ROAD	F.A.P. RTE. 303	SECTION 129K-1	COUNTY WINNEBAGO	TOTAL SHEETS 401	SHEET NO. 240	
	PLOT SCALE = 100.0000' / IN.	DRAWN - MG	REVISED -			SCALE: SHEET NO. OF SHEETS STA. 272+50.00 TO STA. 277+80.26		CONTRACT NO. 64987		FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT	
	PLOT DATE = 1/18/2011	CHECKED - PDK	REVISED -								
		DATE - 01-19-2011	REVISED -								

NOTES:

- ISLAND AND MEDIANS SHALL BE CONSTRUCTED AS SHOWN ON STANDARD 606301-04 EXCEPT THE CONCRETE MEDIAN SURFACE SHALL BE REPLACED WITH HMA MEDIAN.
- FOR MORE DRAINAGE STRUCTURE INFO SEE DRAINAGE AND UTILITY PLANS AND DRAINAGE SCHEDULES.



FILE NAME = 0264987-shb-intersec-01.dgn
 USER NAME = 320209971
 PLOT SCALE = 48.0000' / IN.
 PLOT DATE = 1/18/2011

DESIGNED - LOW
 DRAWN - MD
 CHECKED - PDK
 DATE - 01-19-2011

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

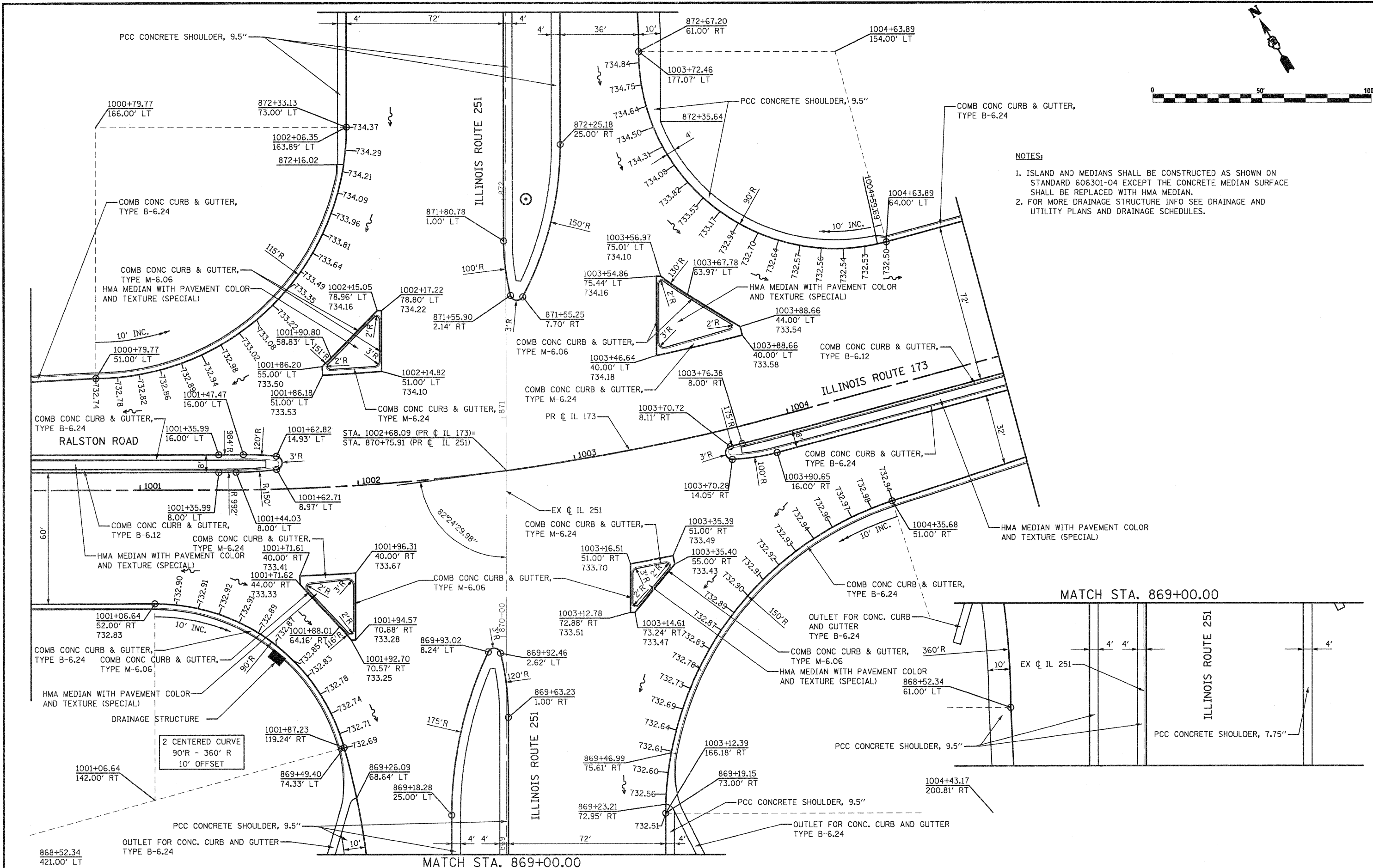
INTERSECTION AND PAVEMENT ELEVATION DETAILS
RALSTON ROAD & SMYTHE AVE / BANYAN DRIVE / N. 2ND STREET
 SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K-1	WINNEBAGO	401	241
CONTRACT NO. 64987				
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				



NOTES:

1. ISLAND AND MEDIANS SHALL BE CONSTRUCTED AS SHOWN ON STANDARD 606301-04 EXCEPT THE CONCRETE MEDIAN SURFACE SHALL BE REPLACED WITH HMA MEDIAN.
2. FOR MORE DRAINAGE STRUCTURE INFO SEE DRAINAGE AND UTILITY PLANS AND DRAINAGE SCHEDULES.



FILE NAME = D264987-shr-intersec-02.dgn
 USER NAME = 320209971
 PLOT SCALE = 48.0000' / IN.
 PLOT DATE = 1/18/2011

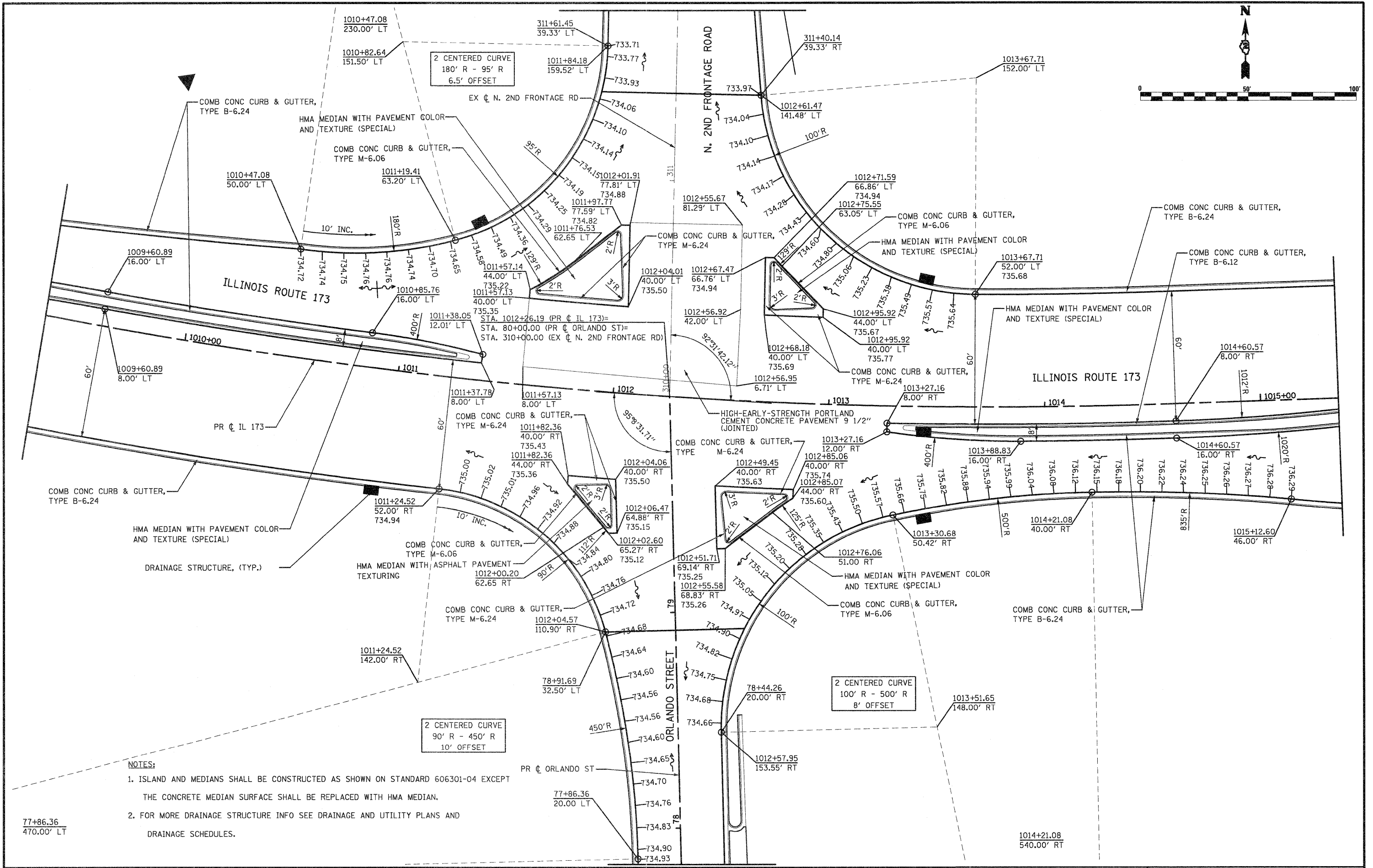
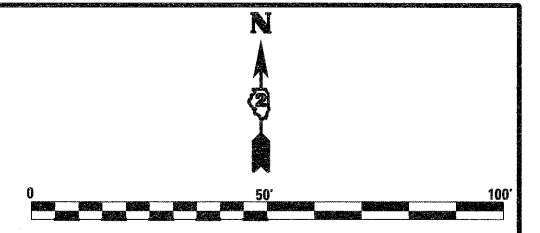
DESIGNED - LOM	REVISED -
DRAWN - MD	REVISED -
CHECKED - PDK	REVISED -
DATE - 01-19-2011	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION AND PAVEMENT ELEVATION DETAILS
 RALSTON ROAD (ILLINOIS ROUTE 173) & ILLINOIS ROUTE 251**

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

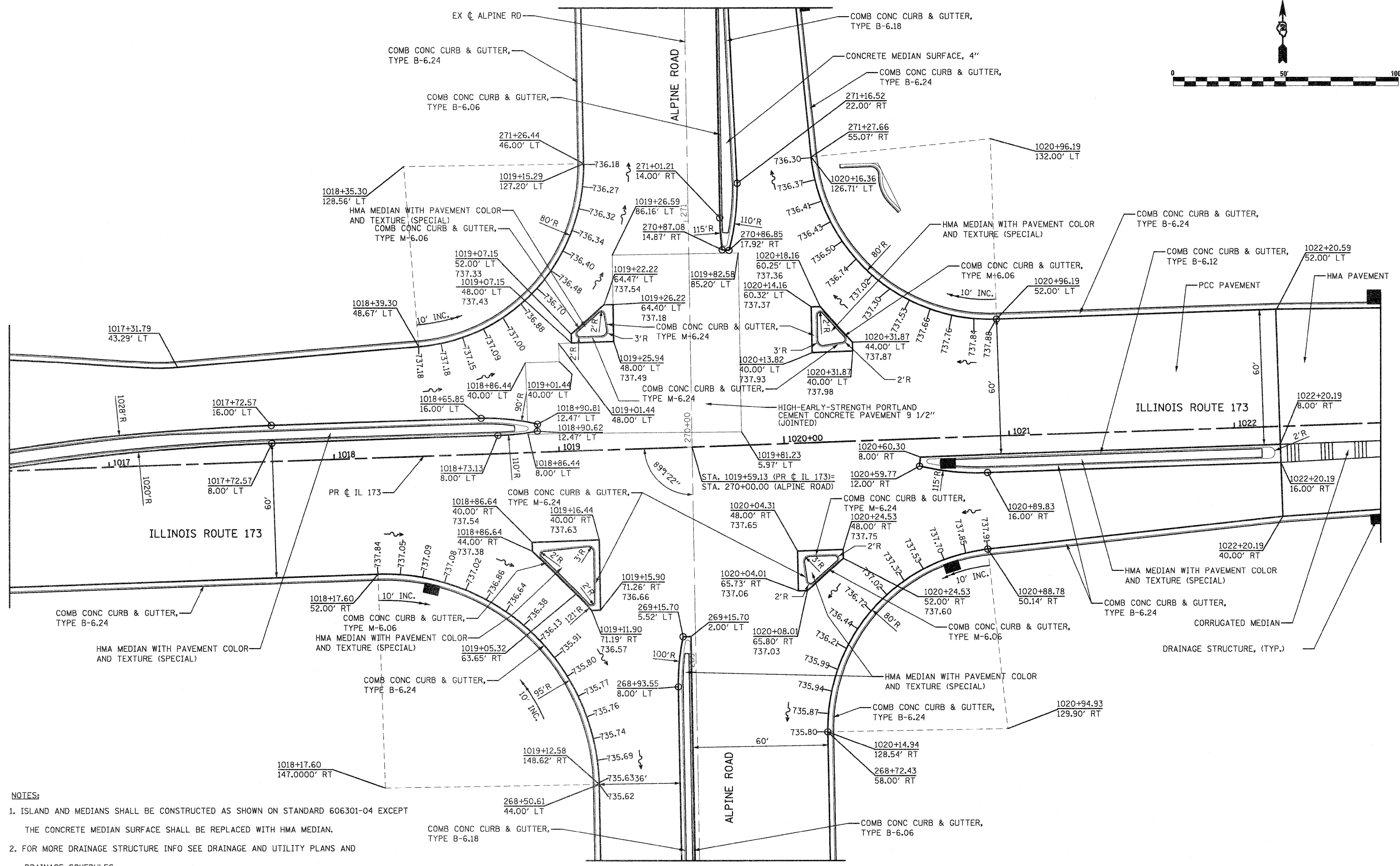
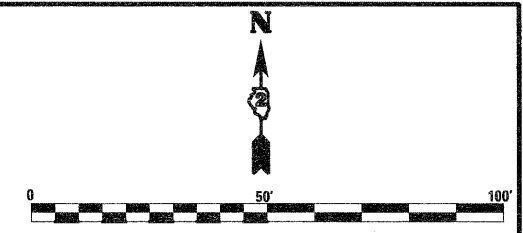
F.A.P. RTE. 303	SECTION 129K-1	COUNTY WINNEBAGO	TOTAL SHEETS 401	SHEET NO. 242
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT			CONTRACT NO. 64987	



- NOTES:**
- ISLAND AND MEDIANS SHALL BE CONSTRUCTED AS SHOWN ON STANDARD 606301-04 EXCEPT THE CONCRETE MEDIAN SURFACE SHALL BE REPLACED WITH HMA MEDIAN.
 - FOR MORE DRAINAGE STRUCTURE INFO SEE DRAINAGE AND UTILITY PLANS AND DRAINAGE SCHEDULES.


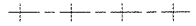
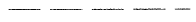
77+86.36
470.00' LT

FILE NAME = D264987-ah-interseo-03.dgn	USER NAME = 320280971	DESIGNED - LOM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION AND PAVEMENT ELEVATION DETAILS ILLINOIS ROUTE 173 / ORLANDO ST / N. 2ND FRONTAGE RD				F.A.P. RTE. 303	SECTION 129K-1	COUNTY WINNEBAGO	TOTAL SHEETS 401	SHEET NO. 243
	PLOT SCALE = 40.0000' / IN.	CHECKED - PDK	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 64987			
	PLOT DATE = 1/18/2011	DATE - 01-19-2011	REVISED -						FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				



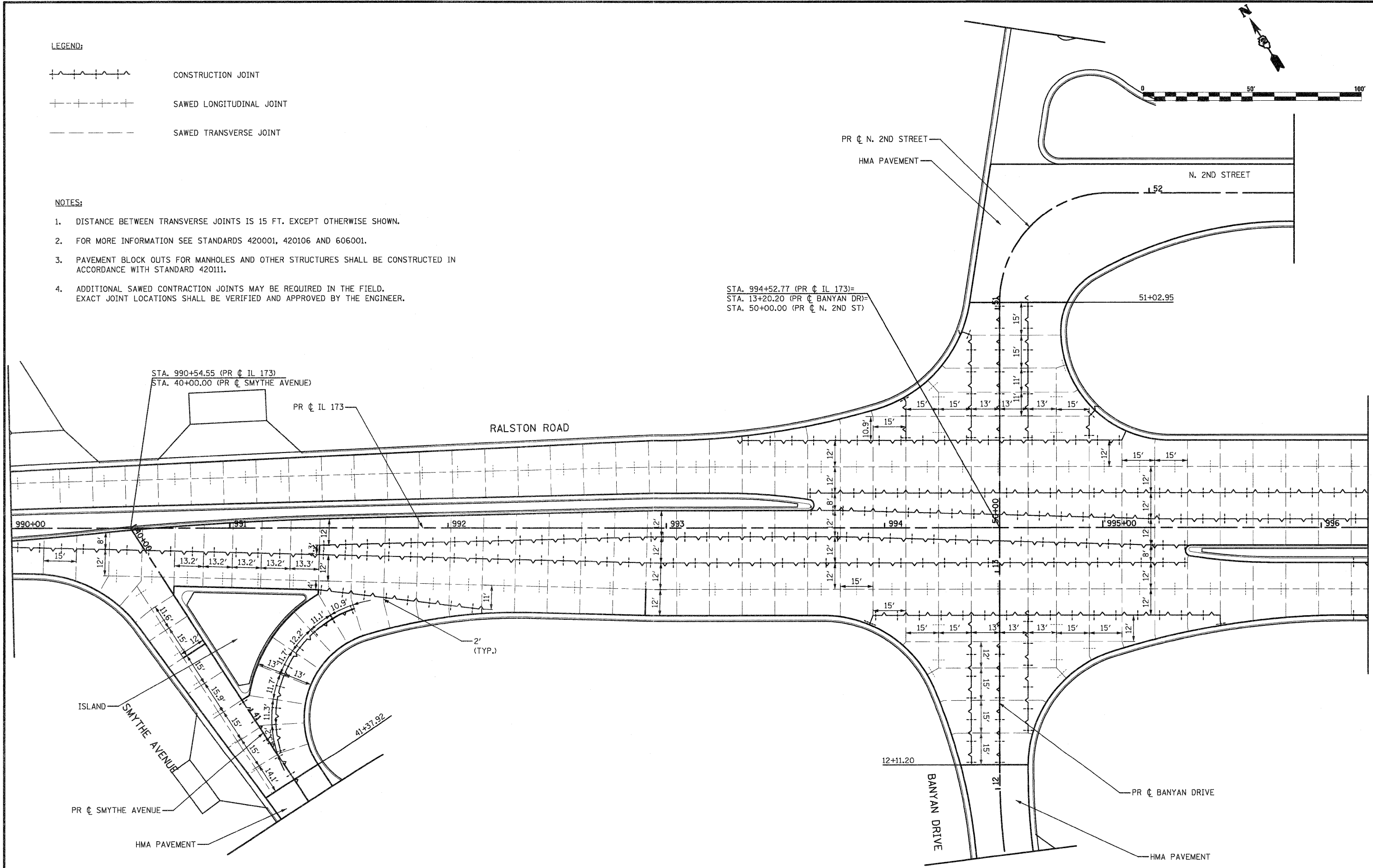
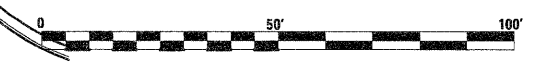
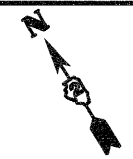
FILE NAME = D264987-ah-intersec-04.dgn	USER NAME = 3282890971	DESIGNED - LOM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION AND PAVEMENT ELEVATION DETAILS ILLINOIS ROUTE 173 & ALPINE ROAD			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 48.0000' / IN.	DRAWN - MD	REVISED -					303	129K-1	WINNEBAGO	401	244
PLOT DATE = 1/18/2011	CHECKED - PDK	DATE - 01-19-2011	REVISED -	SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 64987					
							FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT					

LEGEND:

-  CONSTRUCTION JOINT
-  SAWED LONGITUDINAL JOINT
-  SAWED TRANSVERSE JOINT

NOTES:

1. DISTANCE BETWEEN TRANSVERSE JOINTS IS 15 FT. EXCEPT OTHERWISE SHOWN.
2. FOR MORE INFORMATION SEE STANDARDS 420001, 420106 AND 606001.
3. PAVEMENT BLOCK OUTS FOR MANHOLES AND OTHER STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111.
4. ADDITIONAL SAWED CONTRACTION JOINTS MAY BE REQUIRED IN THE FIELD. EXACT JOINT LOCATIONS SHALL BE VERIFIED AND APPROVED BY THE ENGINEER.



FILE NAME = 0264987-shr-elev-01.dgn

USER NAME = 3282892971
 PLOT SCALE = 48,0000' / IN.
 PLOT DATE = 1/18/2011

DESIGNED - LOM
 DRAWN - MD
 CHECKED - PDK
 DATE - 01-19-2011

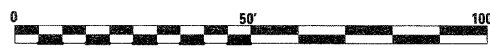
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION JOINTING DETAILS
 RALSTON ROAD & SMYTHE AVE / BANYAN DRIVE / N. 2ND STREET**

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

F.A.P. RTE. 303	SECTION 129K-1	COUNTY WINNEBAGO	TOTAL SHEETS 401	SHEET NO. 245
CONTRACT NO. 64987				
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				

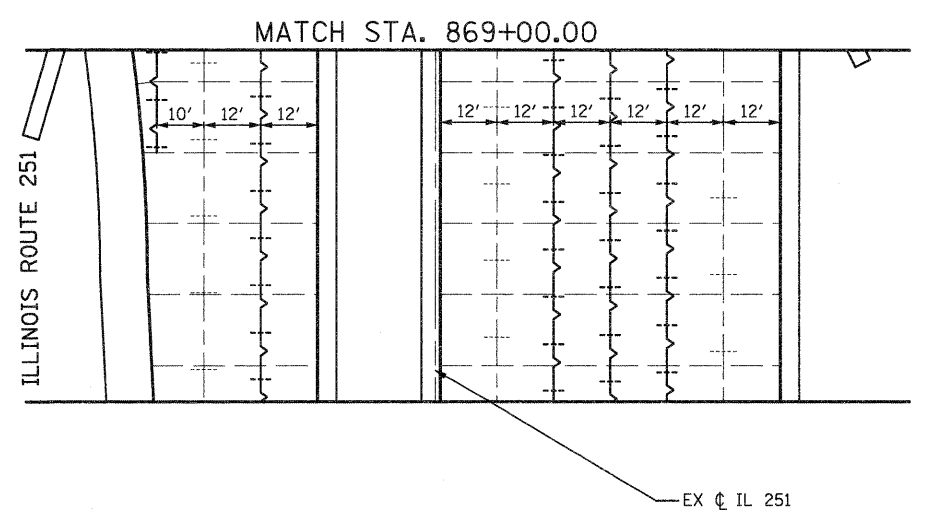
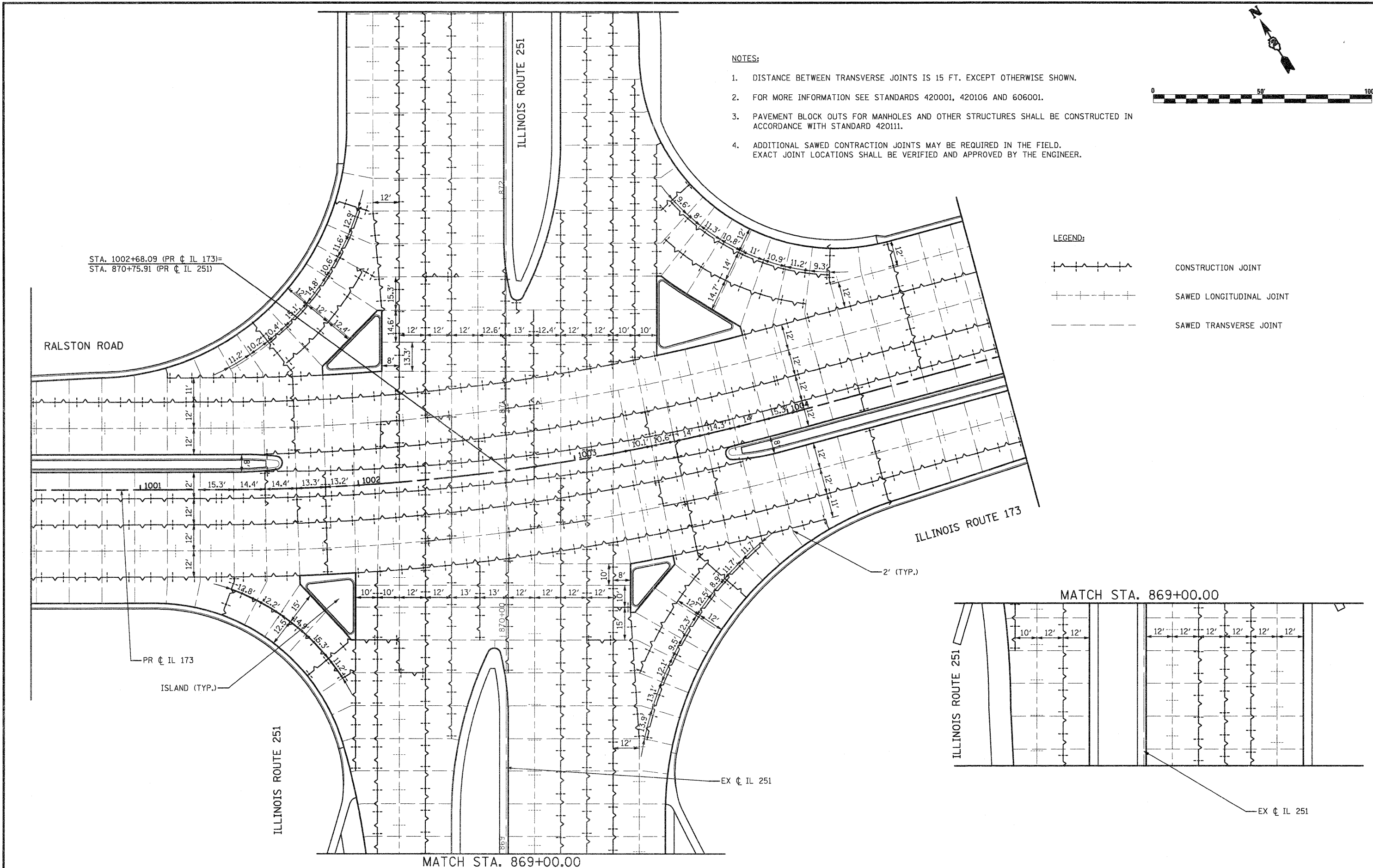


NOTES:

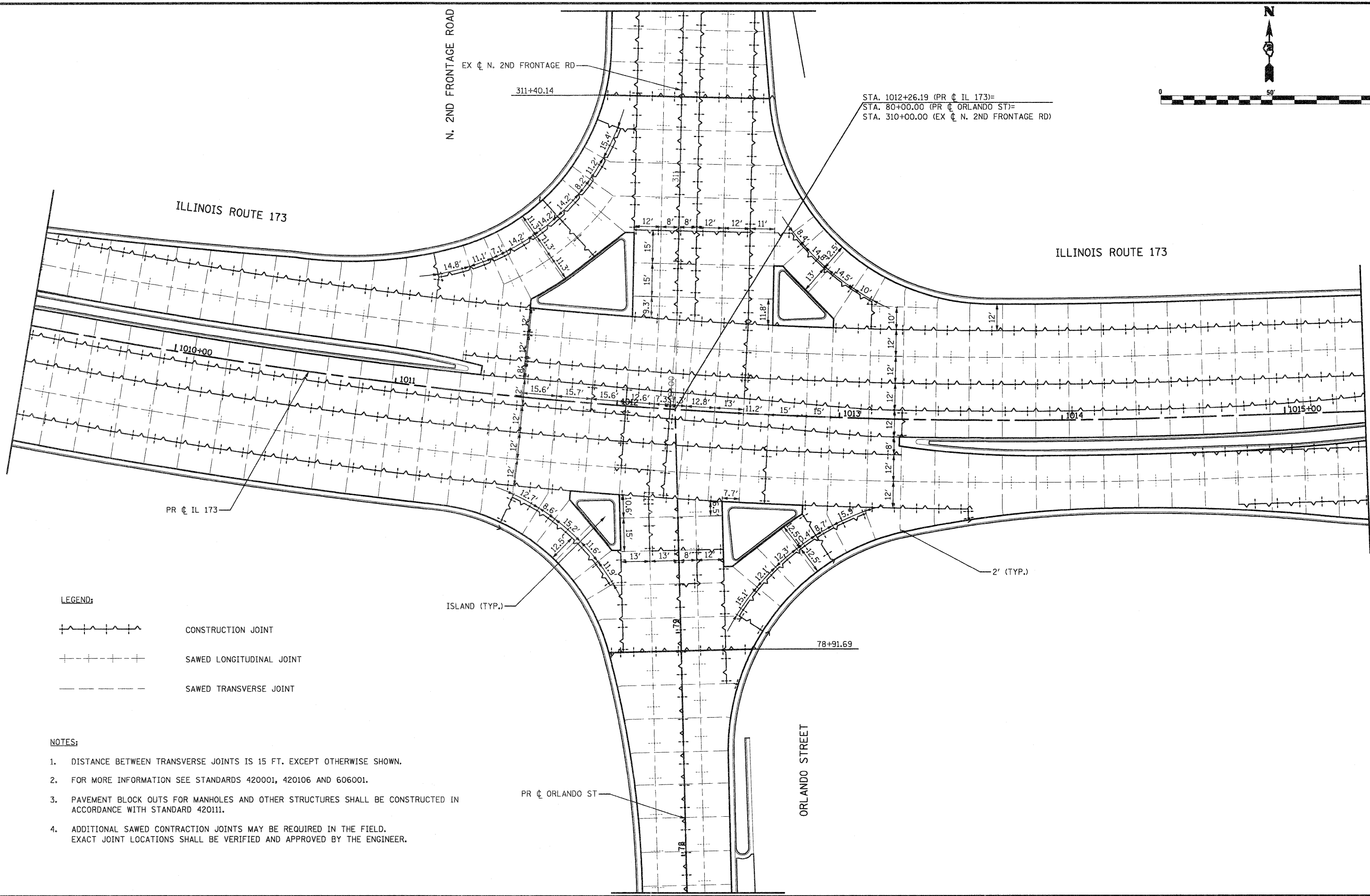
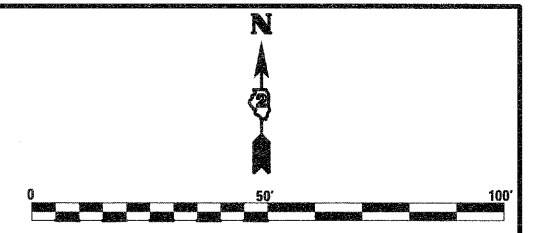
1. DISTANCE BETWEEN TRANSVERSE JOINTS IS 15 FT. EXCEPT OTHERWISE SHOWN.
2. FOR MORE INFORMATION SEE STANDARDS 420001, 420106 AND 606001.
3. PAVEMENT BLOCK OUTS FOR MANHOLES AND OTHER STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111.
4. ADDITIONAL SAWED CONTRACTION JOINTS MAY BE REQUIRED IN THE FIELD. EXACT JOINT LOCATIONS SHALL BE VERIFIED AND APPROVED BY THE ENGINEER.

LEGEND:

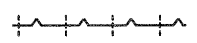
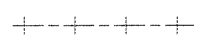

- CONSTRUCTION JOINT
- SAWED LONGITUDINAL JOINT
- SAWED TRANSVERSE JOINT



FILE NAME = D264987-sht-elev-02.dgn	USER NAME = 3202090971	DESIGNED - LOM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION JOINTING DETAILS RALSTON ROAD (ILLINOIS ROUTE 173) & ILLINOIS ROUTE 251	F.A.P. RTE. 303	SECTION 129K-1	COUNTY WINNEBAGO	TOTAL SHEETS 401	SHEET NO. 246
PLOT SCALE = 40.0000' / IN.		CHECKED - PDK	REVISED -	SCALE: SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 64987				
PLOT DATE = 1/18/2011		DATE - 01-19-2011	REVISED -	FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT						



LEGEND:

-  CONSTRUCTION JOINT
-  SAWED LONGITUDINAL JOINT
-  SAWED TRANSVERSE JOINT

NOTES:

1. DISTANCE BETWEEN TRANSVERSE JOINTS IS 15 FT. EXCEPT OTHERWISE SHOWN.
2. FOR MORE INFORMATION SEE STANDARDS 420001, 420106 AND 606001.
3. PAVEMENT BLOCK OUTS FOR MANHOLES AND OTHER STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111.
4. ADDITIONAL SAWED CONTRACTION JOINTS MAY BE REQUIRED IN THE FIELD. EXACT JOINT LOCATIONS SHALL BE VERIFIED AND APPROVED BY THE ENGINEER.

FILE NAME = D264987-ah-elev-03.dgn

USER NAME = 3202090971
 PLOT SCALE = 40.0000' / IN.
 PLOT DATE = 1/18/2011

DESIGNED - LOM
 DRAWN - MD
 CHECKED - PDK
 DATE - 01-19-2011

REVISED -
 REVISED -
 REVISED -
 REVISED -

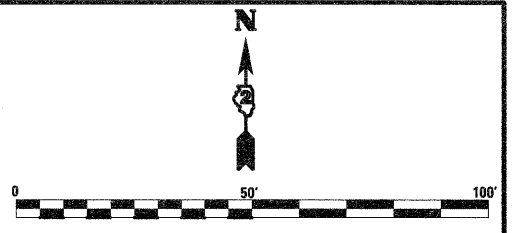
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION JOINTING DETAILS
 ILLINOIS ROUTE 173 / ORLANDO ST / N. 2ND FRONTAGE RD**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K-1	WINNEBAGO	401	247
CONTRACT NO. 64987				

FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT

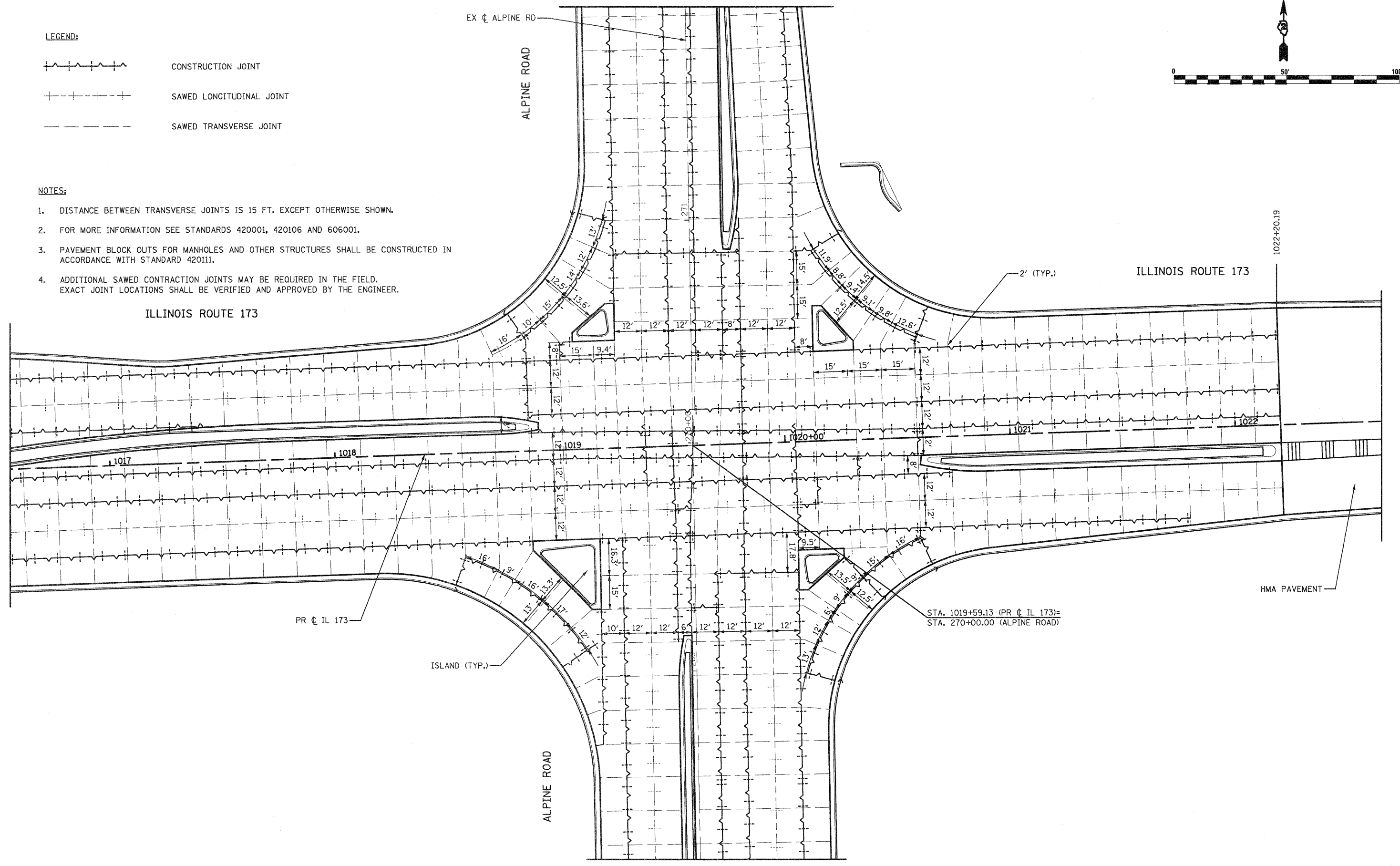


LEGEND:

- CONSTRUCTION JOINT
- SAWED LONGITUDINAL JOINT
- SAWED TRANSVERSE JOINT

NOTES:

1. DISTANCE BETWEEN TRANSVERSE JOINTS IS 15 FT. EXCEPT OTHERWISE SHOWN.
2. FOR MORE INFORMATION SEE STANDARDS 420001, 420106 AND 606001.
3. PAVEMENT BLOCK OUTS FOR MANHOLES AND OTHER STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111.
4. ADDITIONAL SAWED CONTRACTION JOINTS MAY BE REQUIRED IN THE FIELD. EXACT JOINT LOCATIONS SHALL BE VERIFIED AND APPROVED BY THE ENGINEER.



FILE NAME =	USER NAME = 3202878971
0264987-sht-elavo-04.dgn	

DESIGNED - LOM	REVISOR -
DRAWN - MD	REVISOR -
CHECKED - PDK	REVISOR -
DATE - 01-19-2011	REVISOR -

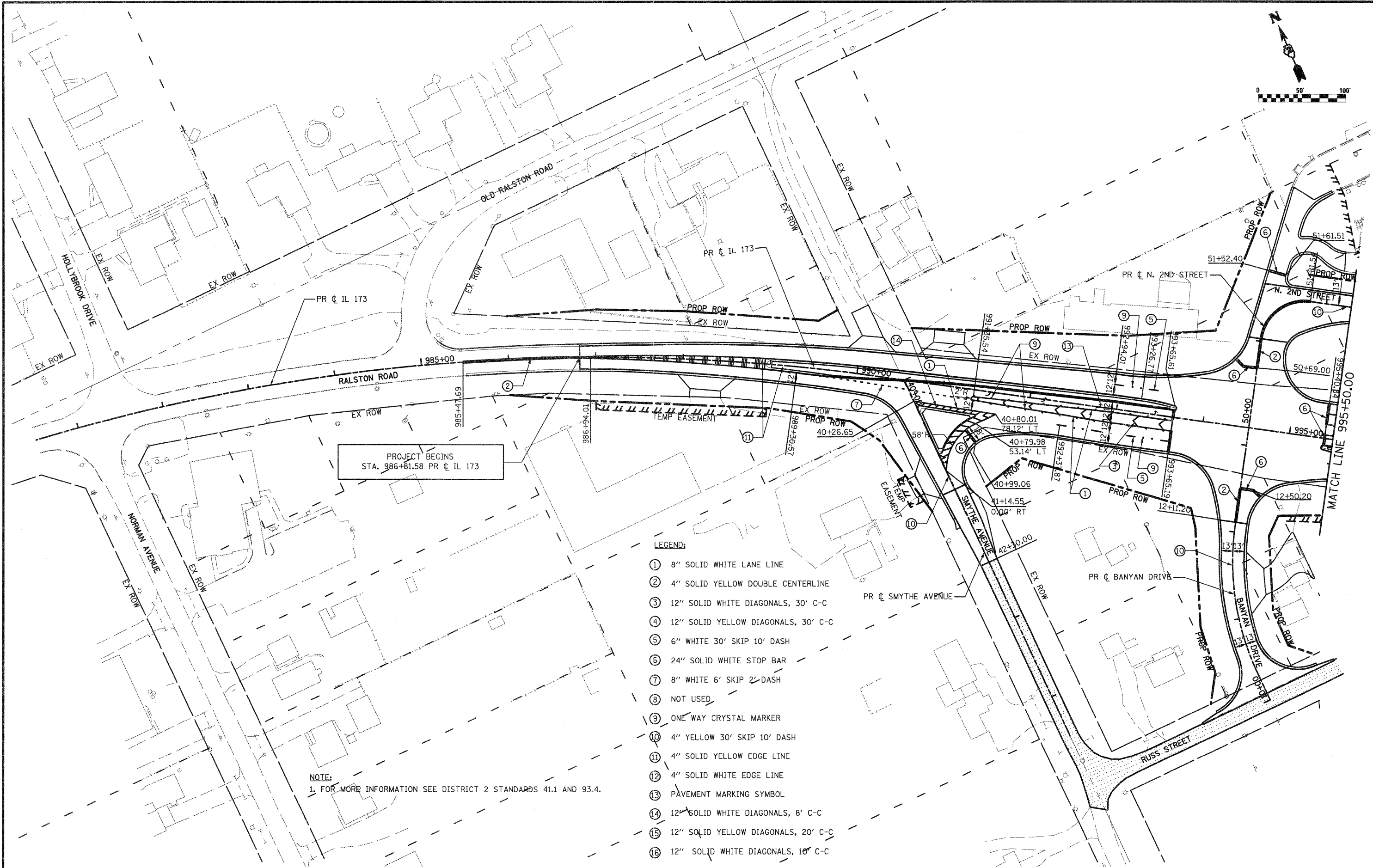
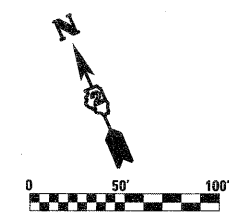
DESIGNED - LOM	REVISOR -
DRAWN - MD	REVISOR -
CHECKED - PDK	REVISOR -
DATE - 01-19-2011	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION JOINTING DETAILS
ILLINOIS ROUTE 173 & ALPINE ROAD**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K-1	WINNEBAGO	401	248
CONTRACT NO. 64987			FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT	

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



PROJECT BEGINS
STA. 986+81.58 PR C IL 173

- LEGEND:**
- ① 8" SOLID WHITE LANE LINE
 - ② 4" SOLID YELLOW DOUBLE CENTERLINE
 - ③ 12" SOLID WHITE DIAGONALS, 30' C-C
 - ④ 12" SOLID YELLOW DIAGONALS, 30' C-C
 - ⑤ 6" WHITE 30' SKIP 10' DASH
 - ⑥ 24" SOLID WHITE STOP BAR
 - ⑦ 8" WHITE 6' SKIP 2' DASH
 - ⑧ NOT USED
 - ⑨ ONE WAY CRYSTAL MARKER
 - ⑩ 4" YELLOW 30' SKIP 10' DASH
 - ⑪ 4" SOLID YELLOW EDGE LINE
 - ⑫ 4" SOLID WHITE EDGE LINE
 - ⑬ PAVEMENT MARKING SYMBOL
 - ⑭ 12" SOLID WHITE DIAGONALS, 8' C-C
 - ⑮ 12" SOLID YELLOW DIAGONALS, 20' C-C
 - ⑯ 12" SOLID WHITE DIAGONALS, 10' C-C

NOTE:
1. FOR MORE INFORMATION SEE DISTRICT 2 STANDARDS 41.1 AND 93.4.

FILE NAME =
D264987-ahp-pmk-01.dgn

USER NAME = 328209071
DRAWN - MD
CHECKED - PDK
PLOT SCALE = 1/8" = 100' / IN.
PLOT DATE = 1/18/2011

DESIGNED - LOM
DRAWN - MD
CHECKED - PDK
DATE - 01-19-2011

REVISED -
REVISED -
REVISED -
REVISED -

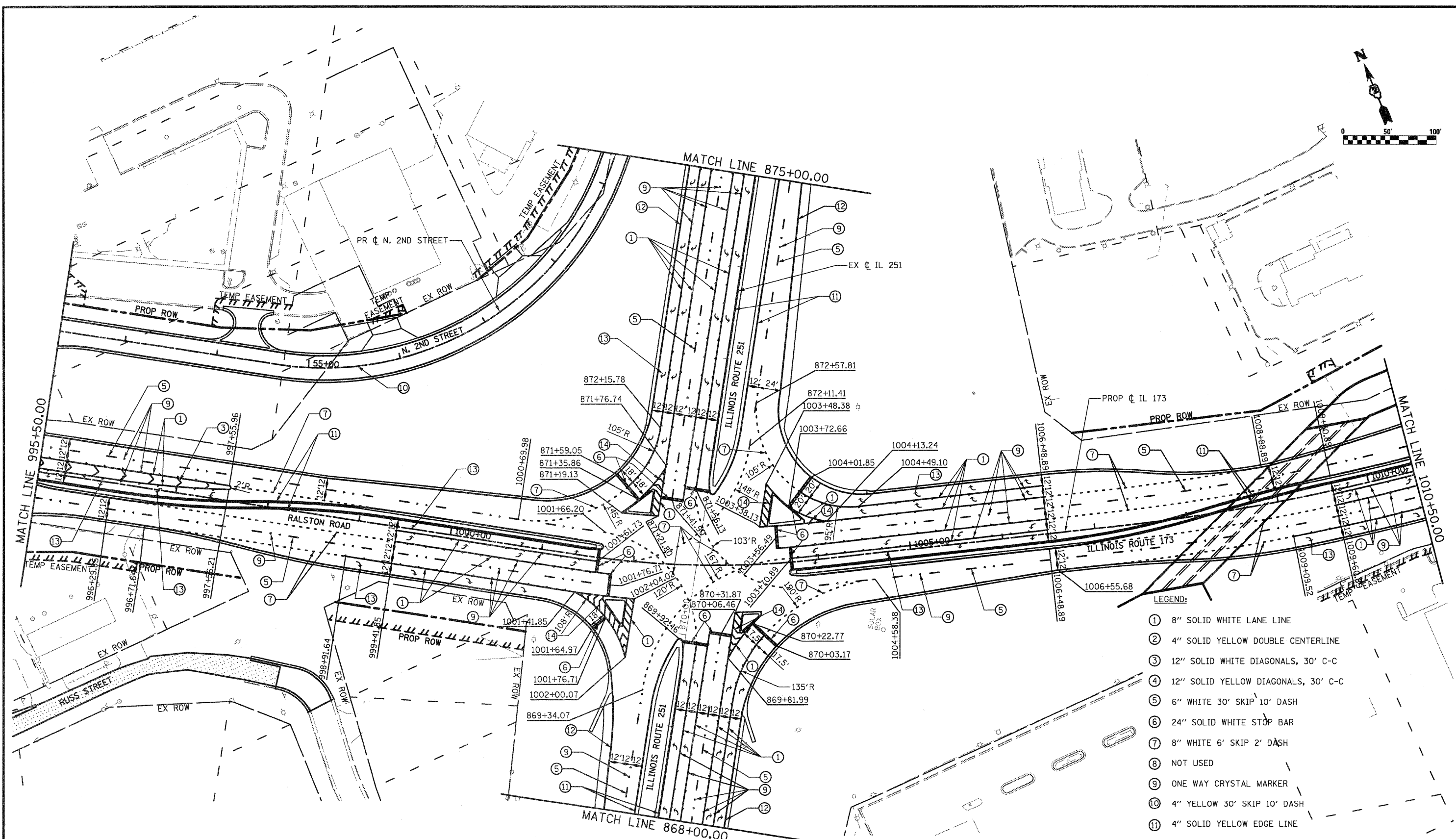
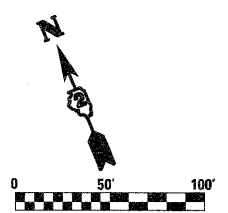
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
RALSTON ROAD**

SCALE: SHEET NO. OF SHEETS STA. 980+50.00 TO STA. 995+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K-1	WINNEBAGO	401	249

CONTRACT NO. 64987
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT



NOTE:
1. FOR MORE INFORMATION SEE DISTRICT 2 STANDARDS 41.1 AND 93.4.

- LEGEND:**
- ① 8" SOLID WHITE LANE LINE
 - ② 4" SOLID YELLOW DOUBLE CENTERLINE
 - ③ 12" SOLID WHITE DIAGONALS, 30' C-C
 - ④ 12" SOLID YELLOW DIAGONALS, 30' C-C
 - ⑤ 6" WHITE 30' SKIP 10' DASH
 - ⑥ 24" SOLID WHITE STOP BAR
 - ⑦ 8" WHITE 6' SKIP 2' DASH
 - ⑧ NOT USED
 - ⑨ ONE WAY CRYSTAL MARKER
 - ⑩ 4" YELLOW 30' SKIP 10' DASH
 - ⑪ 4" SOLID YELLOW EDGE LINE
 - ⑫ 4" SOLID WHITE EDGE LINE
 - ⑬ PAVEMENT MARKING SYMBOL
 - ⑭ 12" SOLID WHITE DIAGONALS, 8' C-C
 - ⑮ 12" SOLID YELLOW DIAGONALS, 20' C-C
 - ⑯ 12" SOLID WHITE DIAGONALS, 10' C-C

FILE NAME =
D264987-ahk-pmk-02.dgn

USER NAME = 3282090971
DRAWN - MD
CHECKED - PDK
PLOT DATE = 1/18/2011

DESIGNED - LOM
REVIS -
DATE - 01-19-2011

REVISED -
REVISED -
REVISED -
REVISED -

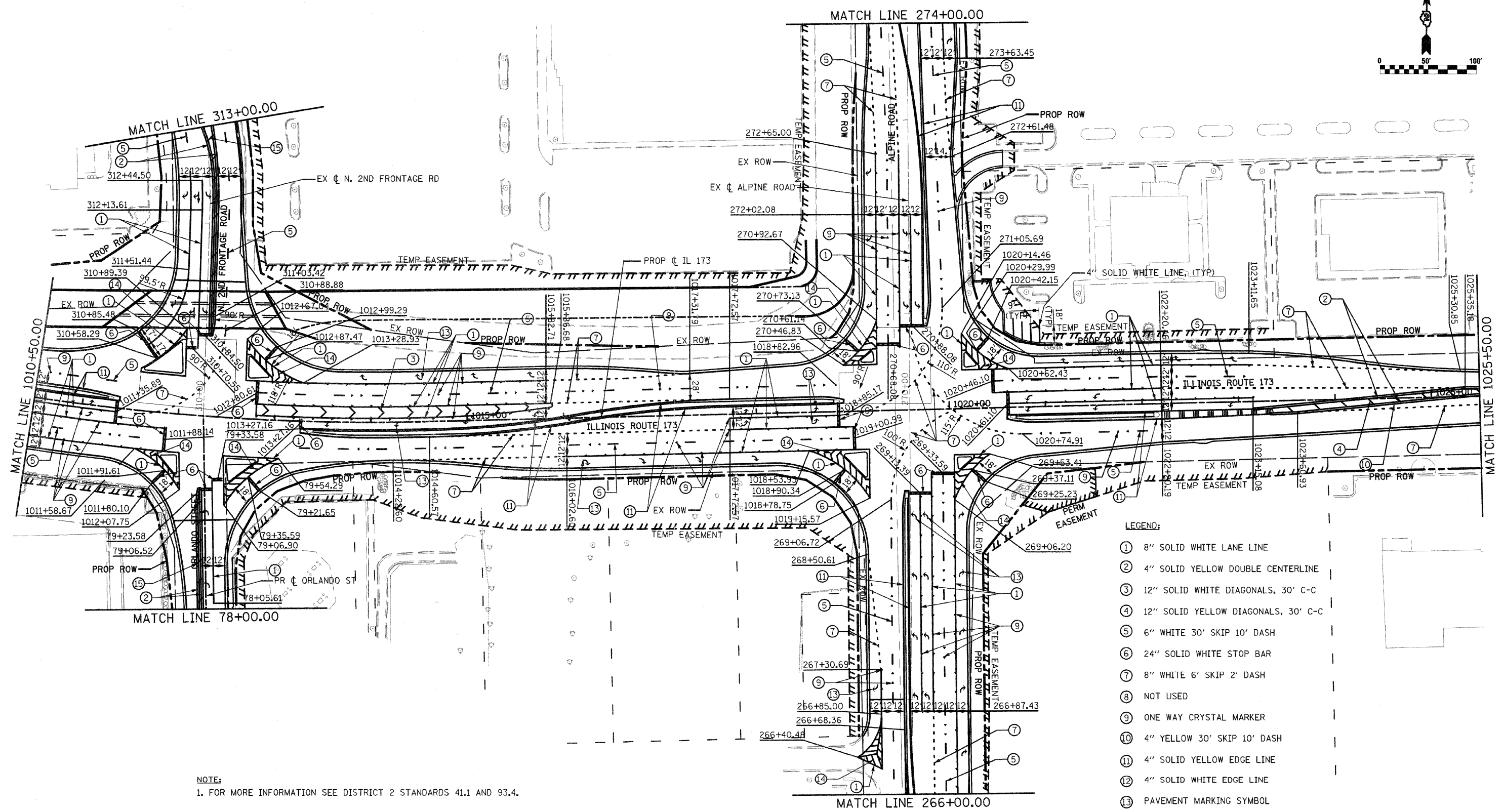
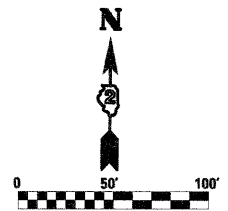
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
RALSTON ROAD, ILLINOIS ROUTE 173**

SCALE: SHEET NO. OF SHEETS STA. 995+50.00 TO STA. 1010+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K-1	WINNEBAGO	401	250

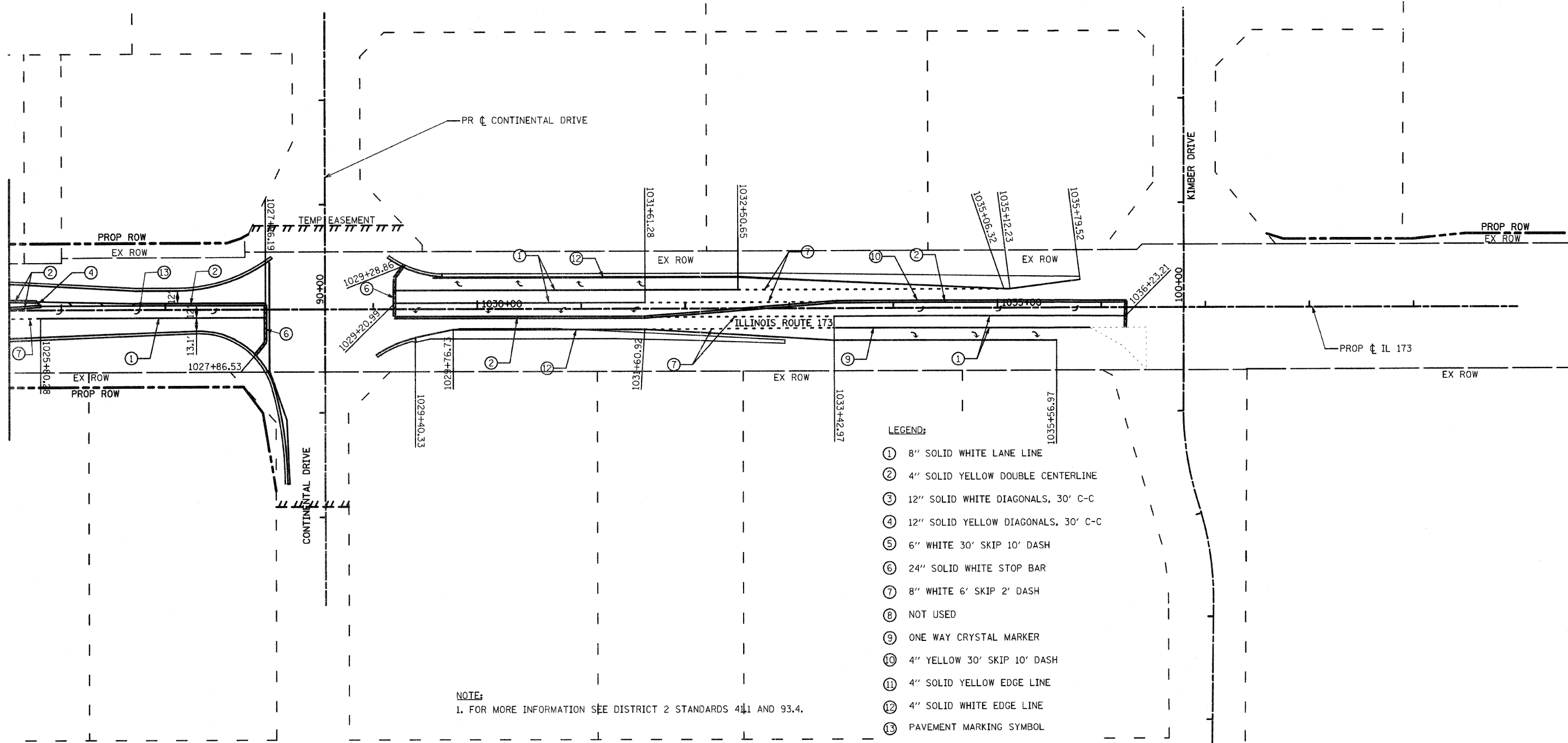
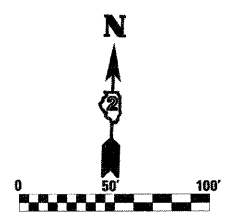
CONTRACT NO. 64987
FED. ROAD DIST. NO. 2 [ILLINOIS] FED. AID PROJECT



- LEGEND:**
- ① 8" SOLID WHITE LANE LINE
 - ② 4" SOLID YELLOW DOUBLE CENTERLINE
 - ③ 12" SOLID WHITE DIAGONALS, 30' C-C
 - ④ 12" SOLID YELLOW DIAGONALS, 30' C-C
 - ⑤ 6" WHITE 30' SKIP 10' DASH
 - ⑥ 24" SOLID WHITE STOP BAR
 - ⑦ 8" WHITE 6' SKIP 2' DASH
 - ⑧ NOT USED
 - ⑨ ONE WAY CRYSTAL MARKER
 - ⑩ 4" YELLOW 30' SKIP 10' DASH
 - ⑪ 4" SOLID YELLOW EDGE LINE
 - ⑫ 4" SOLID WHITE EDGE LINE
 - ⑬ PAVEMENT MARKING SYMBOL
 - ⑭ 12" SOLID WHITE DIAGONALS, 8' C-C
 - ⑮ 12" SOLID YELLOW DIAGONALS, 20' C-C
 - ⑯ 12" SOLID WHITE DIAGONALS, 10' C-C

NOTE:
1. FOR MORE INFORMATION SEE DISTRICT 2 STANDARDS 41.1 AND 93.4.

FILE NAME = 0264987.sht\pmk-03.dgn	USER NAME = 3202090971	DESIGNED - LOM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING PLAN ILLINOIS ROUTE 173			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1/8" = 100' / IN.	DRAWN - MD	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA. 1010+50.00 TO STA. 1025+50.00	303	129K-1	WINNEBAGO
PLOT DATE = 3/16/2011	DATE = 03-16-2011	CHECKED - PDK	REVISED -					CONTRACT NO. 64987				
		DATE = 03-16-2011	REVISED -					FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				



LEGEND:

- ① 8" SOLID WHITE LANE LINE
- ② 4" SOLID YELLOW DOUBLE CENTERLINE
- ③ 12" SOLID WHITE DIAGONALS, 30' C-C
- ④ 12" SOLID YELLOW DIAGONALS, 30' C-C
- ⑤ 6" WHITE 30' SKIP 10' DASH
- ⑥ 24" SOLID WHITE STOP BAR
- ⑦ 8" WHITE 6' SKIP 2' DASH
- ⑧ NOT USED
- ⑨ ONE WAY CRYSTAL MARKER
- ⑩ 4" YELLOW 30' SKIP 10' DASH
- ⑪ 4" SOLID YELLOW EDGE LINE
- ⑫ 4" SOLID WHITE EDGE LINE
- ⑬ PAVEMENT MARKING SYMBOL
- ⑭ 12" SOLID WHITE DIAGONALS, 8' C-C
- ⑮ 12" SOLID YELLOW DIAGONALS, 20' C-C
- ⑯ 12" SOLID WHITE DIAGONALS, 10' C-C

NOTE:
1. FOR MORE INFORMATION SEE DISTRICT 2 STANDARDS 411 AND 93.4.

FILE NAME =
D264987-sh1-pmk-04.dgn

USER NAME = 3202090771
PLOT SCALE = 1/8" = 100'-0" / IN.
PLOT DATE = 3/16/2011

DESIGNED - LOM
DRAWN - MD
CHECKED - PDK
DATE - 03-16-2011

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
ILLINOIS ROUTE 173**

SCALE: SHEET NO. OF SHEETS STA. 1025+50.00 TO STA. 1040+00.00

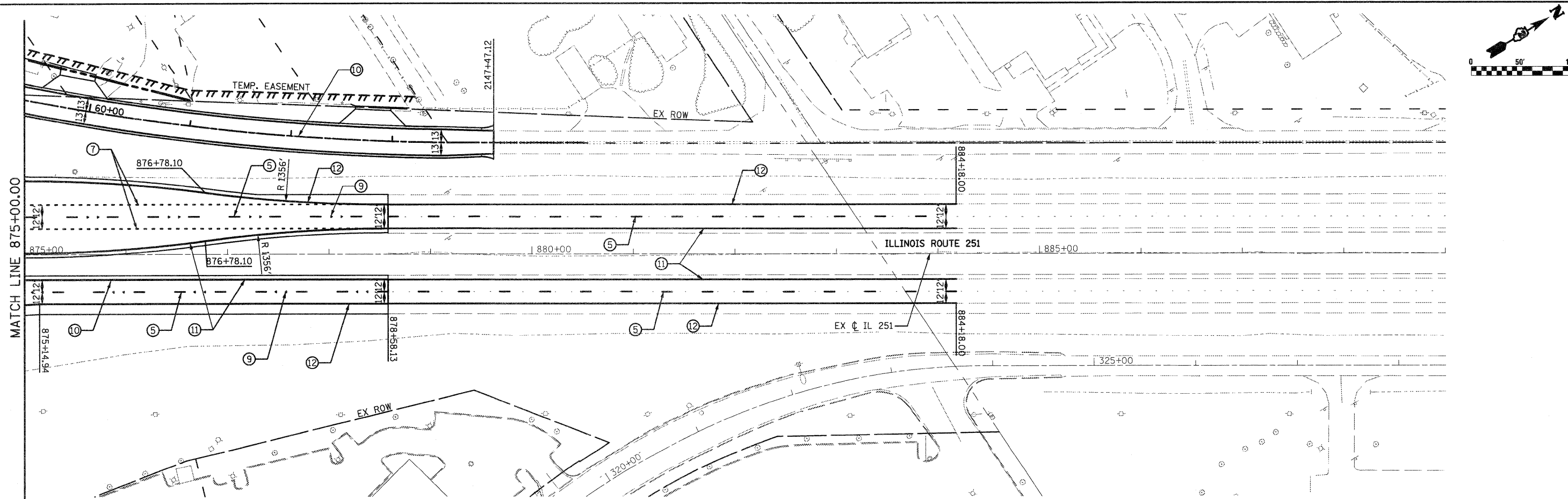
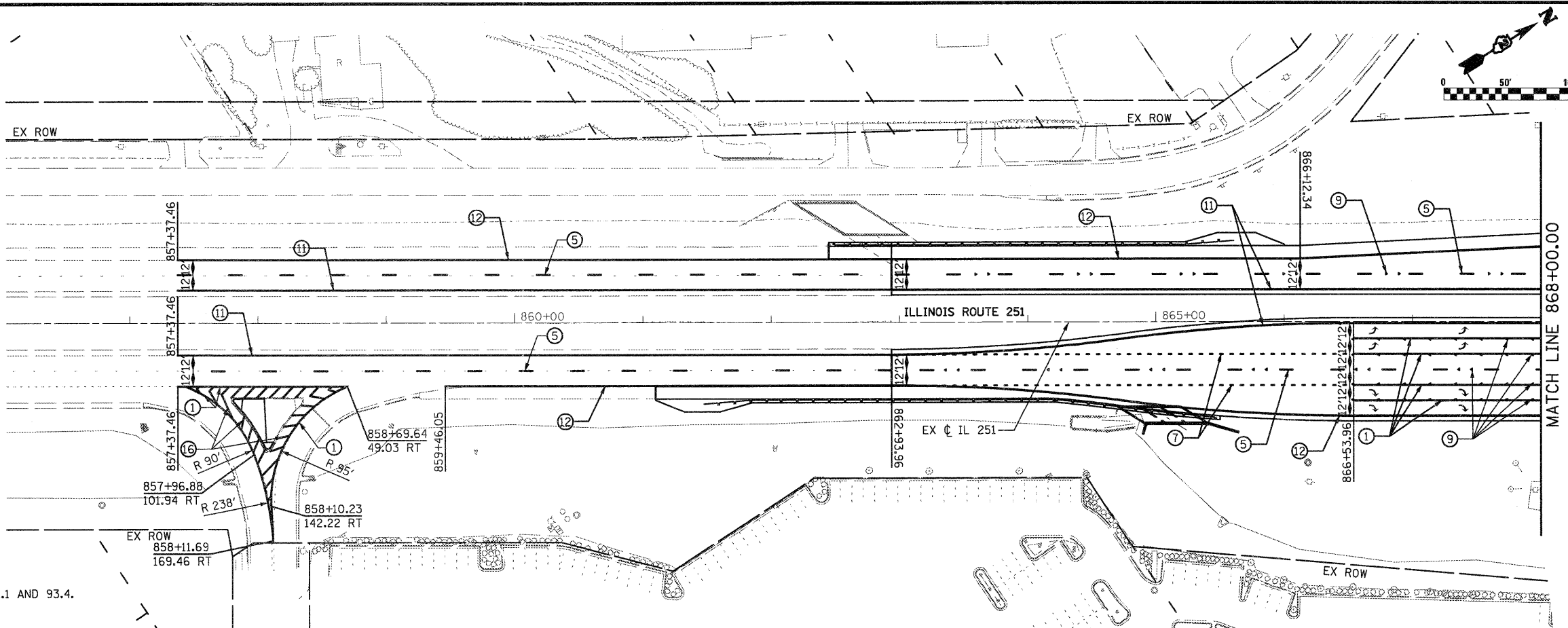
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K-1	WINNEBAGO	401	252
CONTRACT NO. 64987				
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				

LEGEND:

- ① 8" SOLID WHITE LANE LINE
- ② 4" SOLID YELLOW DOUBLE CENTERLINE
- ③ 12" SOLID WHITE DIAGONALS, 30' C-C
- ④ 12" SOLID YELLOW DIAGONALS, 30' C-C
- ⑤ 6" WHITE 30' SKIP 10' DASH
- ⑥ 24" SOLID WHITE STOP BAR
- ⑦ 8" WHITE 6' SKIP 2' DASH
- ⑧ NOT USED
- ⑨ ONE WAY CRYSTAL MARKER
- ⑩ 4" YELLOW 30' SKIP 10' DASH
- ⑪ 4" SOLID YELLOW EDGE LINE
- ⑫ 4" SOLID WHITE EDGE LINE
- ⑬ PAVEMENT MARKING SYMBOL
- ⑭ 12" SOLID WHITE DIAGONALS, 8' C-C
- ⑮ 12" SOLID YELLOW DIAGONALS, 20' C-C
- ⑯ 12" SOLID WHITE DIAGONALS, 10' C-C

NOTE:

1. FOR MORE INFORMATION SEE DISTRICT 2 STANDARDS 41.1 AND 93.4.



FILE NAME =	D264987-shr-pmk-85.dgn
USER NAME =	3282898971

DESIGNED -	LOM
DRAWN -	MD
CHECKED -	POK
DATE -	01-19-2011

REVISED -	
REVISED -	
REVISED -	
REVISED -	

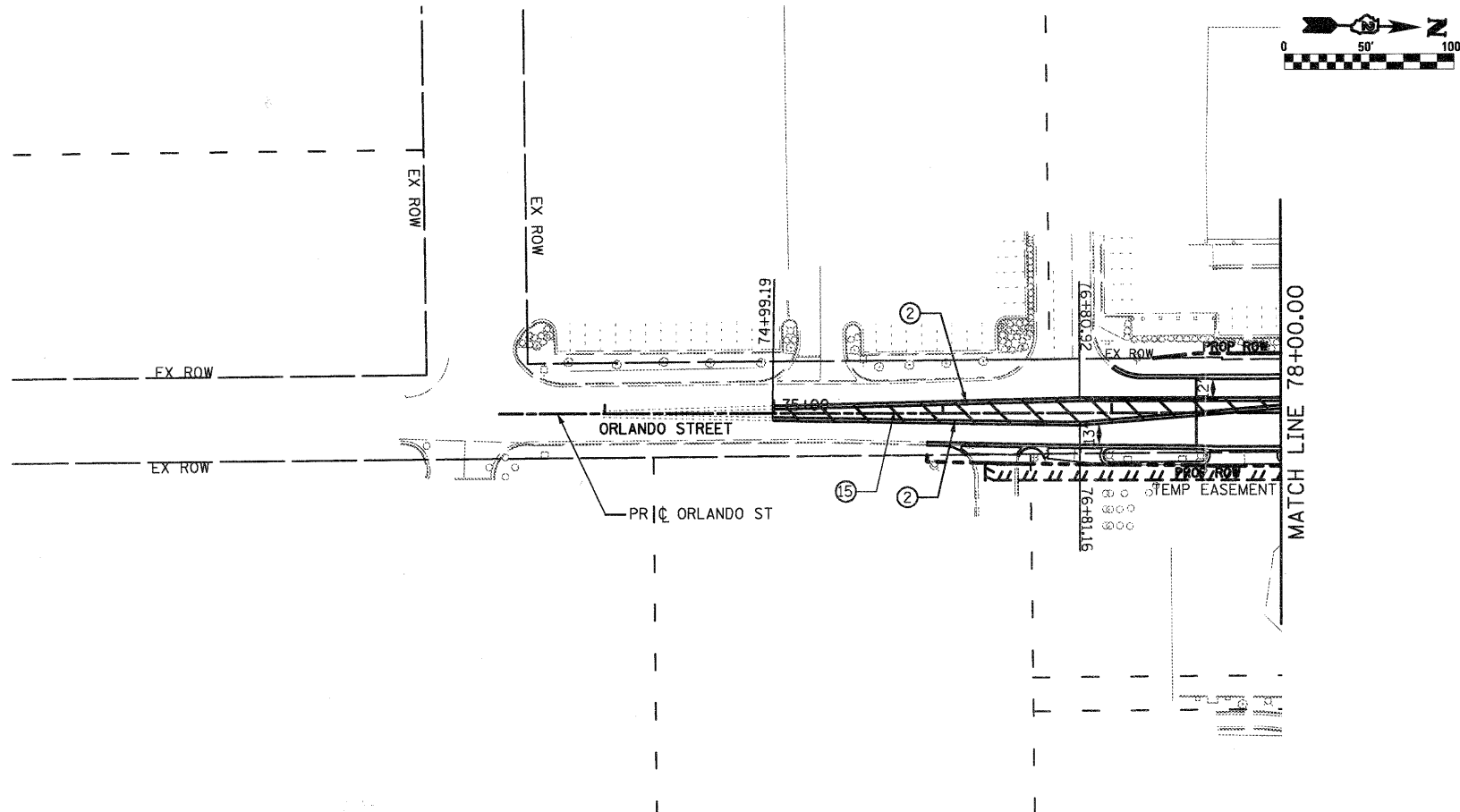
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLANS
ILLINOIS ROUTE 251**

SCALE: SHEET NO. OF SHEETS STA. 856+00.00 TO STA. 868+00.00
875+00.00 889+00.00

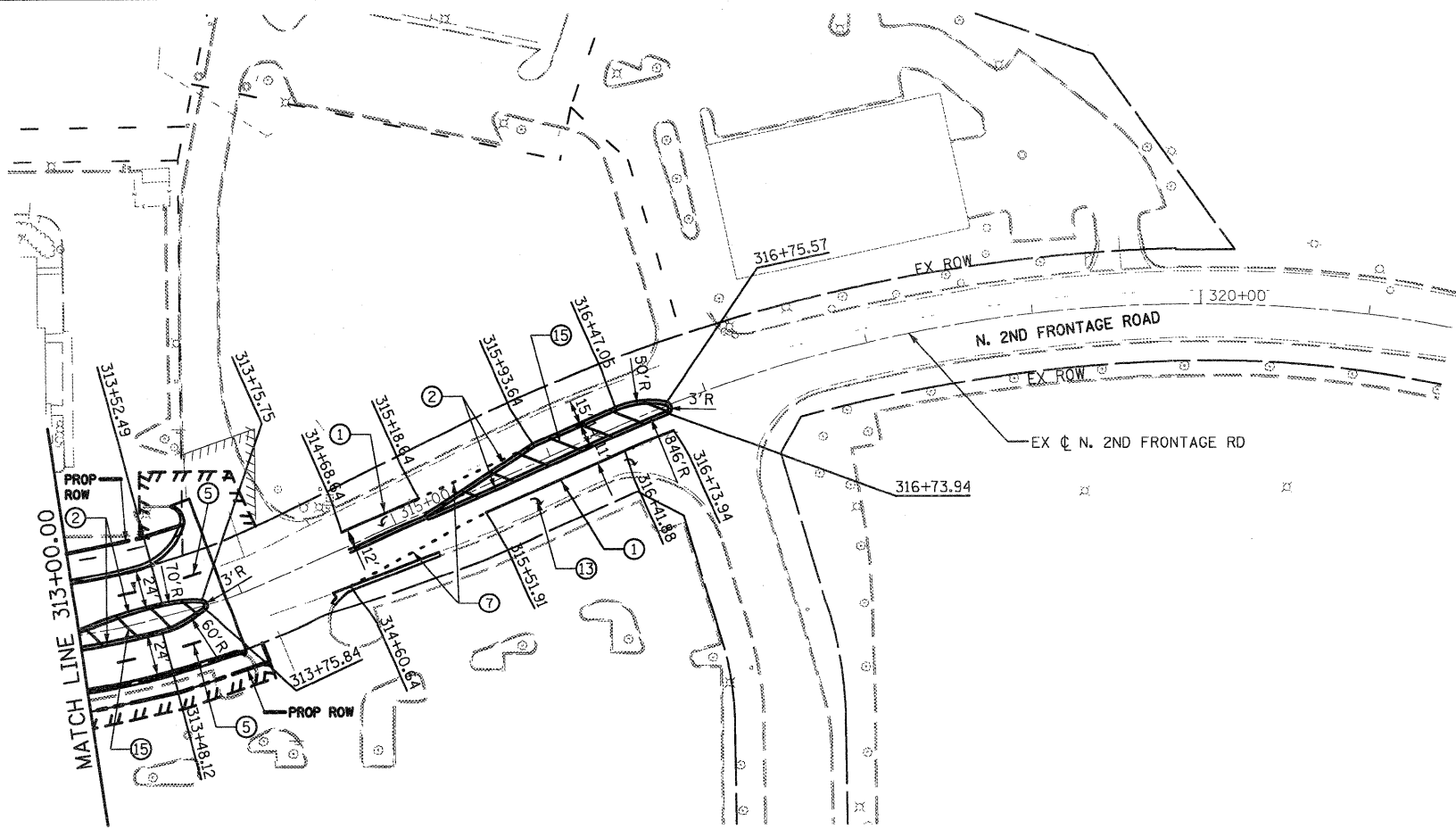
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K-1	WINNEBAGO	401	253
CONTRACT NO. 64987				

FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT



- LEGEND:**
- ① 8" SOLID WHITE LANE LINE
 - ② 4" SOLID YELLOW DOUBLE CENTERLINE
 - ③ 12" SOLID WHITE DIAGONALS, 30' C-C
 - ④ 12" SOLID YELLOW DIAGONALS, 30' C-C
 - ⑤ 6" WHITE 30' SKIP 10' DASH
 - ⑥ 24" SOLID WHITE STOP BAR
 - ⑦ 8" WHITE 6' SKIP 2' DASH
 - ⑧ NOT USED
 - ⑨ ONE WAY CRYSTAL MARKER
 - ⑩ 4" YELLOW 30' SKIP 10' DASH
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 - ⑬ PAVEMENT MARKING SYMBOL
 - ⑭ 12" SOLID WHITE DIAGONALS, 8' C-C
 - ⑮ 12" SOLID YELLOW DIAGONALS, 20' C-C
 - ⑯ 12" SOLID WHITE DIAGONALS, 10' C-C

NOTE:
 1. FOR MORE INFORMATION SEE DISTRICT 2 STANDARDS 41.1 AND 93.4.



FILE NAME = 0264987-sh1-pmk-06.dgn
 USER NAME = 3202090971
 PLOT SCALE = 100.0000' / IN.
 PLOT DATE = 1/18/2011

DESIGNED - LOM
 DRAWN - MD
 CHECKED - PDK
 DATE - 01-19-2011

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
 ORLANDO ST / N. 2ND FRONTAGE RD**

SCALE: SHEET NO. OF SHEETS STA. 70+50.00 TO STA. 78+00.00
 315+00.00 321+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K-1	WINNEBAGO	401	254
CONTRACT NO. 64987				

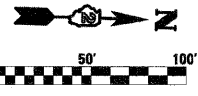
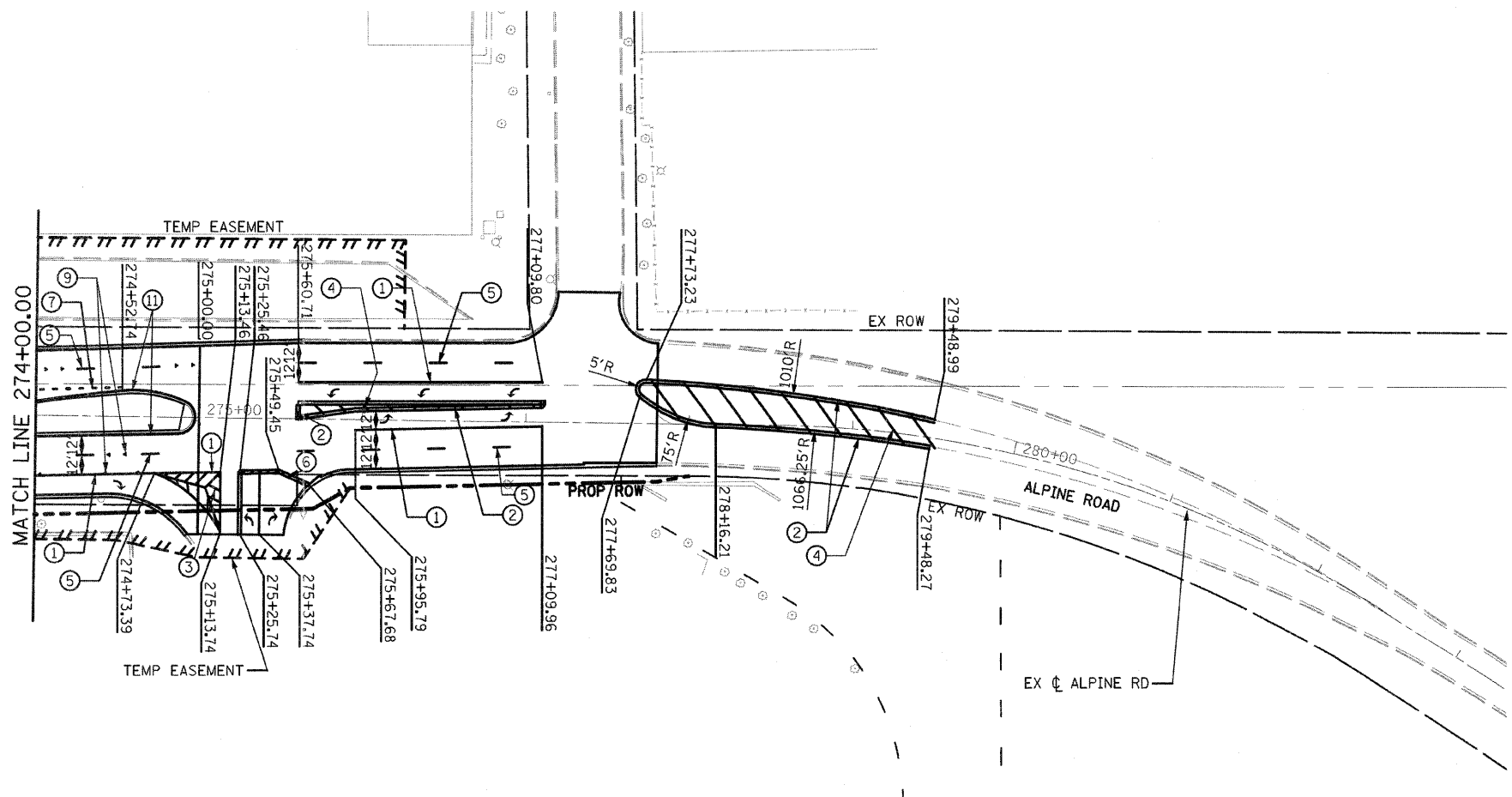
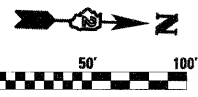
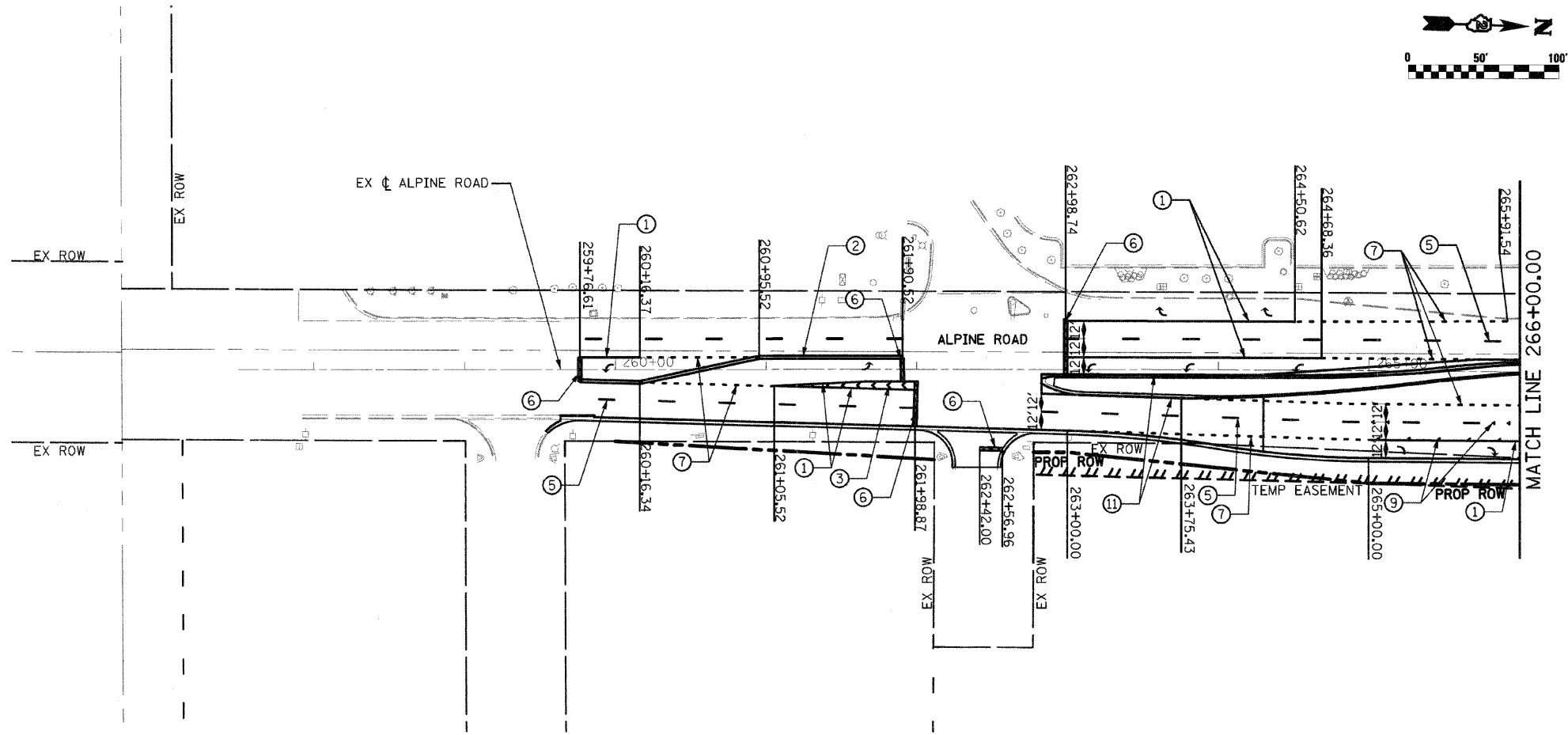
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT

LEGEND:

- ① 8" SOLID WHITE LANE LINE
- ② 4" SOLID YELLOW DOUBLE CENTERLINE
- ③ 12" SOLID WHITE DIAGONALS, 30' C-C
- ④ 12" SOLID YELLOW DIAGONALS, 30' C-C
- ⑤ 6" WHITE 30' SKIP 10' DASH
- ⑥ 24" SOLID WHITE STOP BAR
- ⑦ 8" WHITE 6' SKIP 2' DASH
- ⑧ NOT USED
- ⑨ ONE WAY CRYSTAL MARKER
- ⑩ 4" YELLOW 30' SKIP 10' DASH
- ⑪ 4" SOLID YELLOW EDGE LINE
- ⑫ 4" SOLID WHITE EDGE LINE
- ⑬ PAVEMENT MARKING SYMBOL
- ⑭ 12" SOLID WHITE DIAGONALS, 8' C-C
- ⑮ 12" SOLID YELLOW DIAGONALS, 20' C-C
- ⑯ 12" SOLID WHITE DIAGONALS, 10' C-C

NOTE:

1. FOR MORE INFORMATION SEE DISTRICT 2 STANDARDS 41.1 AND 93.4.



FILE NAME = D264987-shl-pmk-07.dgn	USER NAME = 3202090171
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DESIGNED - LOM	REVISOR -
DRAWN - MD	REVISOR -
CHECKED - PDK	REVISOR -
DATE - 03-16-2011	REVISOR -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN	
ALPINE ROAD	
SCALE:	SHEET NO. OF SHEETS STA. 257+50.00 TO STA. 266+00.00 274+00.00 281+00.00

F.A.P. RTE. 303	SECTION 129K-1	COUNTY WINNEBAGO	TOTAL SHEETS 401	SHEET NO. 255
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				

CONTRACT NO. 64987				
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TRAFFIC SIGNAL QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES	INTERSECTION							
				IL RTE 173 & IL RTE 251	IL RTE 173 & ORLANDO ST	IL RTE 173 & N. ALPINE RD	IL RTE 173 & BANYAN DR	IL RTE 173 & CONTINENTAL DR	IL RTE 173 & KIMBER DR	N. ALPINE RD & ROSE RD	IL RTE 251 & MELBOURNE ST
72000100	SIGN PANEL - TYPE 1	SQ FT	91	53	28		10				
81012500	CONDUIT IN TRENCH, 1 1/2" DIA., PVC	FOOT	96	45	17	17	17				
81012700	CONDUIT IN TRENCH, 2 1/2" DIA., PVC	FOOT	1,517	621	738	99	43			16	
81013000	CONDUIT IN TRENCH, 4" DIA., PVC	FOOT	406	42	44	39	281				
81018600	CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	FOOT	398	153	166	79					
81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	2,082	791	514	643	134				
81400100	HANDHOLE	EACH	32	9	9	10	3			1	
81400300	DOUBLE HANDHOLE	EACH	4	1	1	1	1				
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	7,936	2,306	1,722	2,038	1,870				
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	2,019	708	799	155	341			16	
82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	16	4	4	4	4				
85700300	FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	4	1	1	1	1				
86000100	MASTER CONTROLLER	EACH	1	1							
87100110	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, 6F	FOOT	1,891								
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	4,455	1,205	886	1,074	958			332	
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	21,263	7,726	4,037	6,730	2,136			634	
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2,402		767		988			627	
87301815	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 3 C	FOOT	96	45	17	17	17				
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	36	18	6	12					
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	12	3	3	3	3				
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10		10						
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	184	61	45	45	22			11	
* 87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	67			21	46				
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	35	12	7	12	4				
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	51	16	13	16	6				
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	2				2				
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2		2						
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	4		2		2				
88200100	TRAFFIC SIGNAL BACKPLATE	EACH	57	16	15	16	10				
* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	4	1	1	1					1
* 89000105	TEMPORARY TRAFFIC SIGNAL INSTALLATION (SPECIAL)	EACH	1					1			
89501300	RELOCATE EXISTING MAST ARM ASSEMBLY AND POLE	EACH	1							1	
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	4	1	1	1		1			
* 89502380	REMOVE EXISTING HANDHOLE	EACH	23	6	6	7		3		1	
* 89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	3		1	1		1			
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	24	5	6	5		7		1	
* X0324102	EMERGENCY VEHICLE SIGNAL CONTROL SYSTEM	EACH	4	1	1	1	1				
* X7200105	SIGN PANEL - TYPE 1 (SPECIAL)	SQ FT	150	30	15	30	15	33	27		
* X7200205	SIGN PANEL - TYPE 2 (SPECIAL)	SQ FT	52		26		26				
* X8050095	SERVICE INSTALLATION (SPECIAL)	EACH	4	1	1	1	1				
* X8250505	LIGHTING CONTROLLER, SPECIAL	EACH	4	1	1	1	1				
* X8770125	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 28 FT., (SPECIAL)	EACH	1		1						

FILE NAME = D264987-sht-ts-1.dgn

USER NAME = sms
 PLOT SCALE = 1:60
 PLOT DATE = 1/13/2011

DESIGNED - LDC
 DRAWN - MBB
 CHECKED - CHA
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

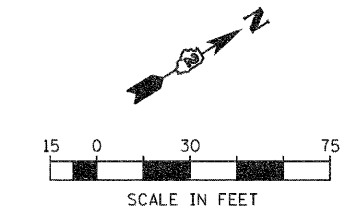
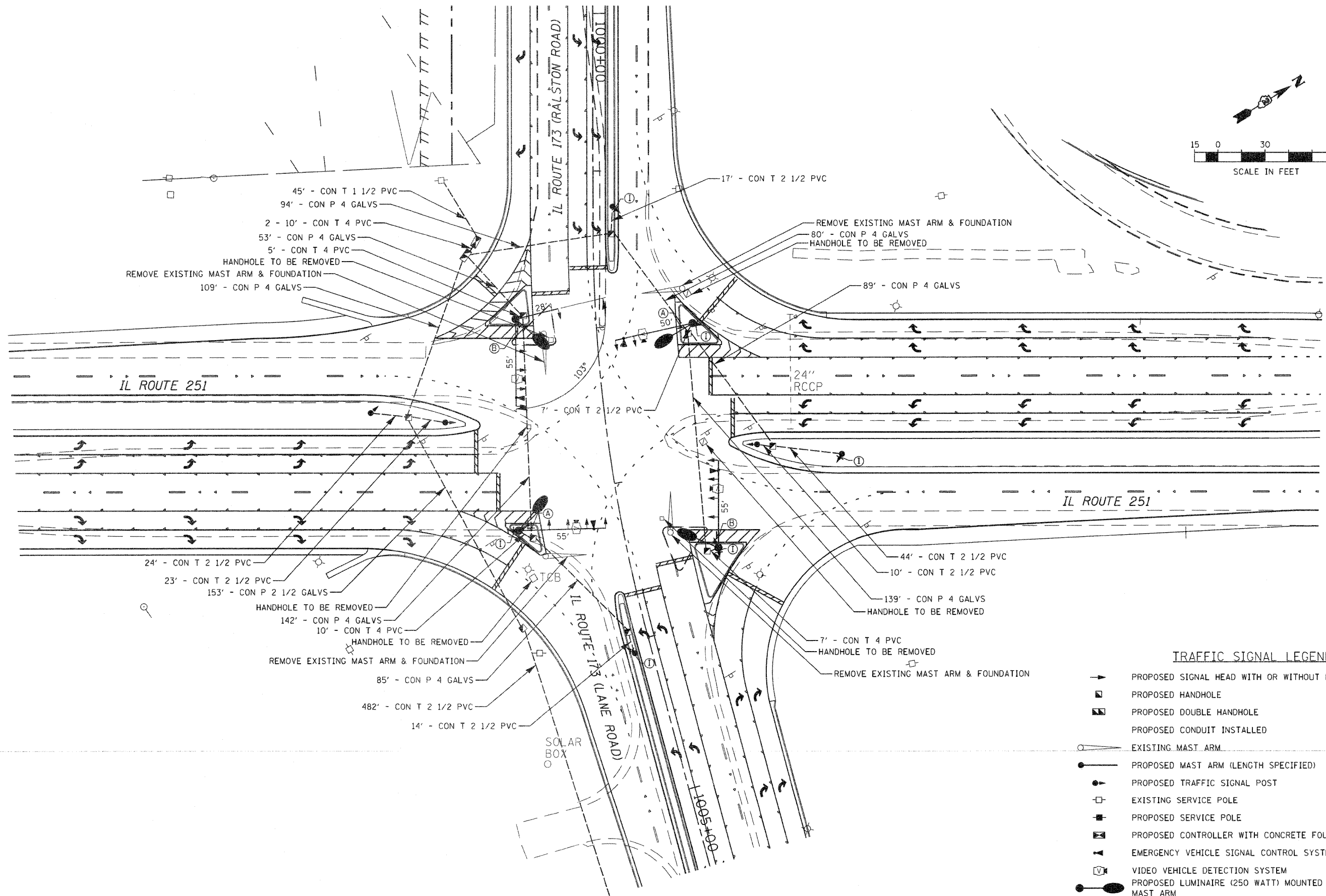
**TRAFFIC SIGNAL
 QUANTITIES**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K-1	WINNEBAGO	401	257
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT			CONTRACT NO. 64987	

TRAFFIC SIGNAL QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES	INTERSECTION								
				IL RTE 173 & IL RTE 251	IL RTE 173 & ORLANDO ST	IL RTE 173 & N. ALPINE RD	IL RTE 173 & BANYAN DR	IL RTE 173 & CONTINENTAL DR	IL RTE 173 & KIMBER DR	N. ALPINE RD & ROSE RD	IL RTE 251 & MELBOURNE ST	
* X8770134	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 34 FT., (SPECIAL)	EACH	1				1					
* X8770136	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT., (SPECIAL)	EACH	1				1					
* X8770142	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT., (SPECIAL)	EACH	1	1								
* X8770151	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 55 FT., (SPECIAL)	EACH	5	2		3						
* X8770152	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT., (SPECIAL)	EACH	2		2							
* X8770154	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT., (SPECIAL)	EACH	1		1							
* X8770156	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 56 FT., (SPECIAL)	EACH	1				1					
* X8770158	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 58 FT., (SPECIAL)	EACH	1			1						
* X8770168	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 68 FT., (SPECIAL)	EACH	1				1					
* Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	4	1	1	1	1					
* Z0033084	ELECTRIC CABLE IN CONDUIT, GROUND, NO. 6 1C (GREEN)	FOOT	4,518	1,511	978	1,405	624					
* #2000222	STEEL COMBINATION MAST ARM WITH DUAL MAST ARMS, 28 FT. AND 55 FT., (SPECIAL)	EACH	1	1								
* #2000223	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 20 3C	FOOT	4,455	1,205	886	1,074	958			332		
* #2000224	TRAFFIC SIGNAL POST, 14 FT., (SPECIAL)	EACH	12	6	2	4						



- TRAFFIC SIGNAL LEGEND**
- PROPOSED SIGNAL HEAD WITH OR WITHOUT BACKPLATE
 - ◻ PROPOSED HANDHOLE
 - ◻ PROPOSED DOUBLE HANDHOLE
 - PROPOSED CONDUIT INSTALLED
 - EXISTING MAST ARM
 - PROPOSED MAST ARM (LENGTH SPECIFIED)
 - PROPOSED TRAFFIC SIGNAL POST
 - ◻ EXISTING SERVICE POLE
 - ◻ PROPOSED SERVICE POLE
 - ◻ PROPOSED CONTROLLER WITH CONCRETE FOUNDATION, TYPE D
 - ◻ EMERGENCY VEHICLE SIGNAL CONTROL SYSTEM
 - ◻ VIDEO VEHICLE DETECTION SYSTEM
 - PROPOSED LUMINAIRE (250 WATT) MOUNTED IN LINE WITH MAST ARM
 - PROPOSED SIGN

FILE NAME = 0264987-sht-ta-1.dgn
 USER NAME = sms
 PLOT SCALE = 1:60
 PLOT DATE = 1/13/2011

DESIGNED - LDC
 DRAWN - MBB
 CHECKED - CHA
 DATE -

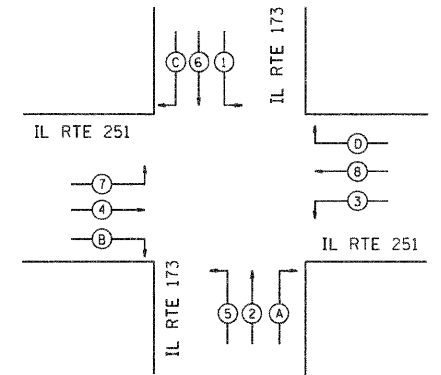
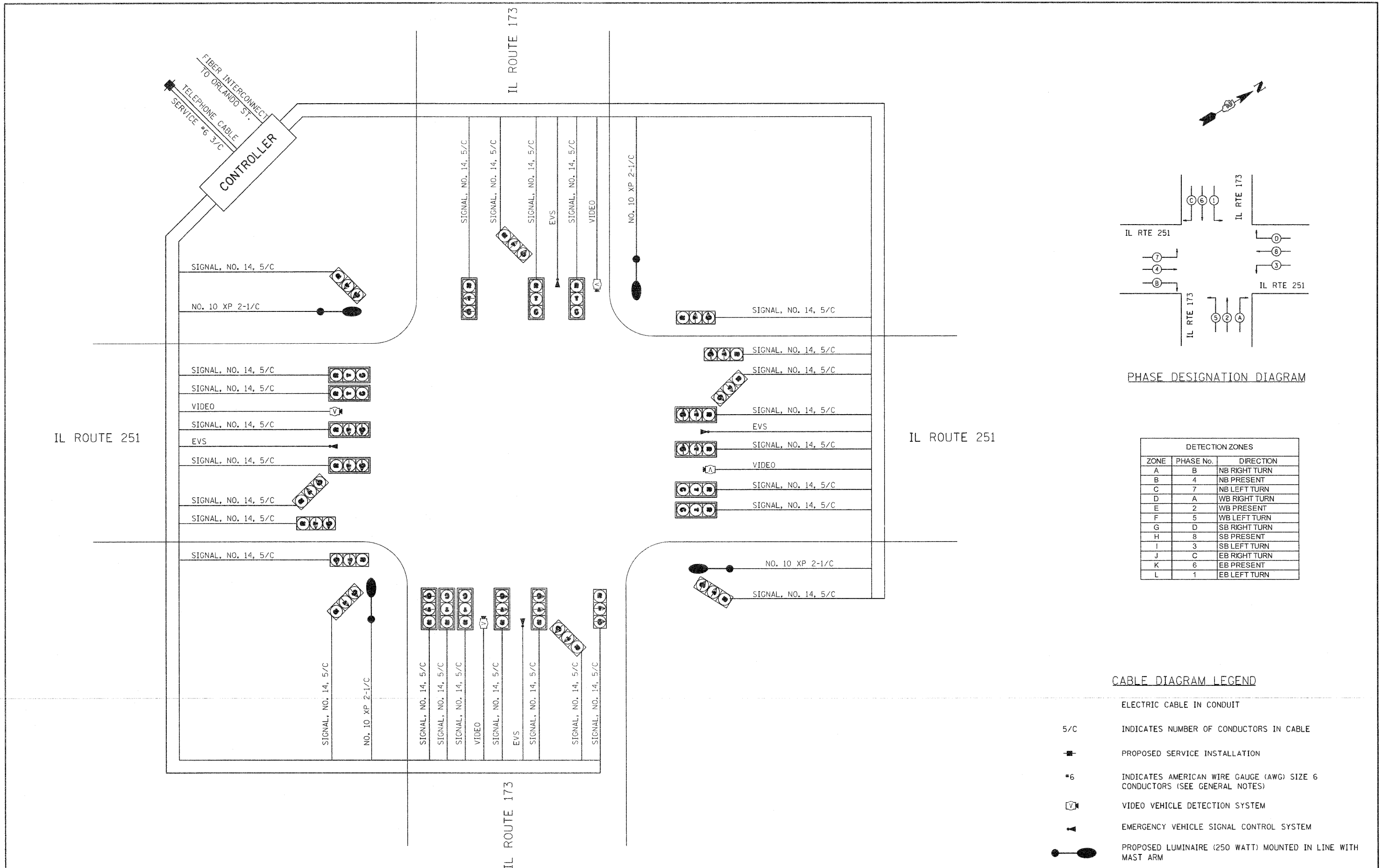
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLAN
 IL ROUTE 251 & IL ROUTE 173**
 SCALE: 1:30 SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K-1	WINNEBAGO	401	259
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				

CONTRACT NO. 64987



PHASE DESIGNATION DIAGRAM

DETECTION ZONES		
ZONE	PHASE No.	DIRECTION
A	B	NB RIGHT TURN
B	4	NB PRESENT
C	7	NB LEFT TURN
D	A	WB RIGHT TURN
E	2	WB PRESENT
F	5	WB LEFT TURN
G	D	SB RIGHT TURN
H	8	SB PRESENT
I	3	SB LEFT TURN
J	C	EB RIGHT TURN
K	6	EB PRESENT
L	1	EB LEFT TURN

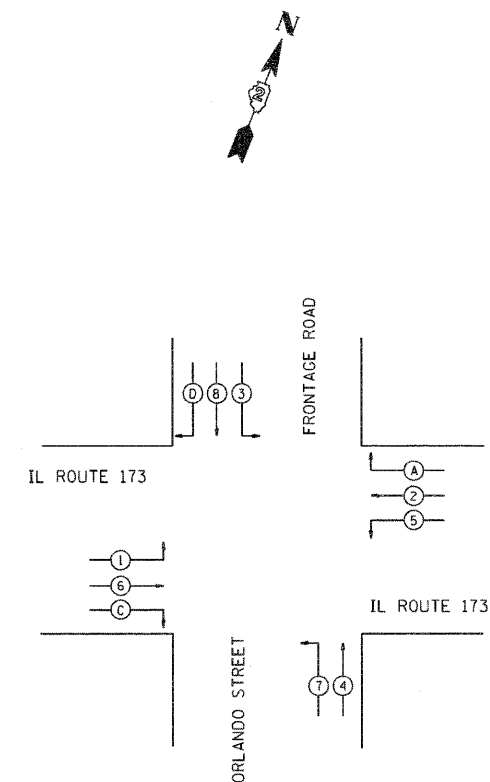
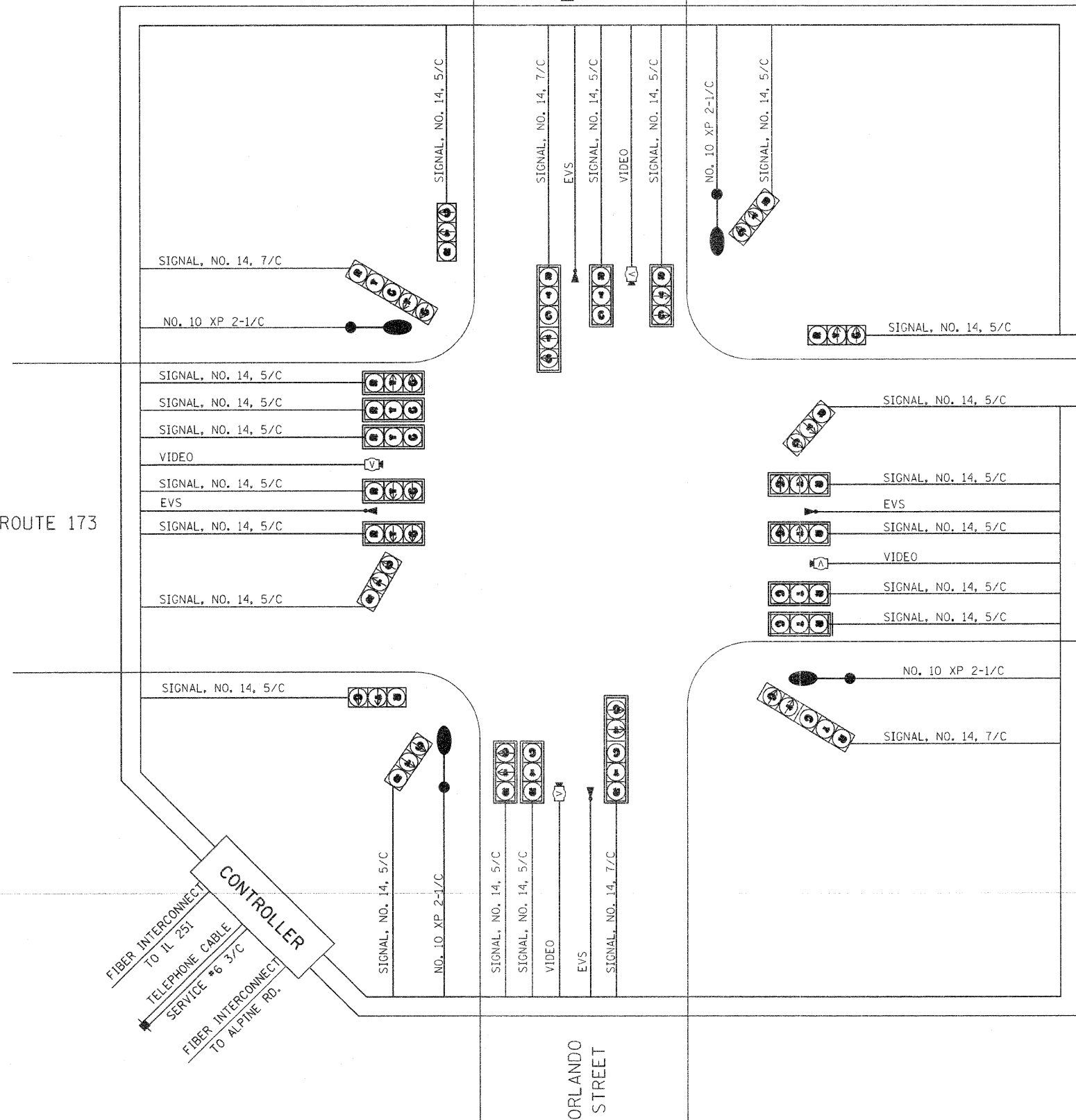
CABLE DIAGRAM LEGEND

- ELECTRIC CABLE IN CONDUIT
- 5/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- PROPOSED SERVICE INSTALLATION
- #6 INDICATES AMERICAN WIRE GAUGE (AWG) SIZE 6 CONDUCTORS (SEE GENERAL NOTES)
- ⓧ VIDEO VEHICLE DETECTION SYSTEM
- ▲ EMERGENCY VEHICLE SIGNAL CONTROL SYSTEM
- PROPOSED LUMINAIRE (250 WATT) MOUNTED IN LINE WITH MAST ARM

IL ROUTE 173

FRONTAGE ROAD

ORLANDO STREET

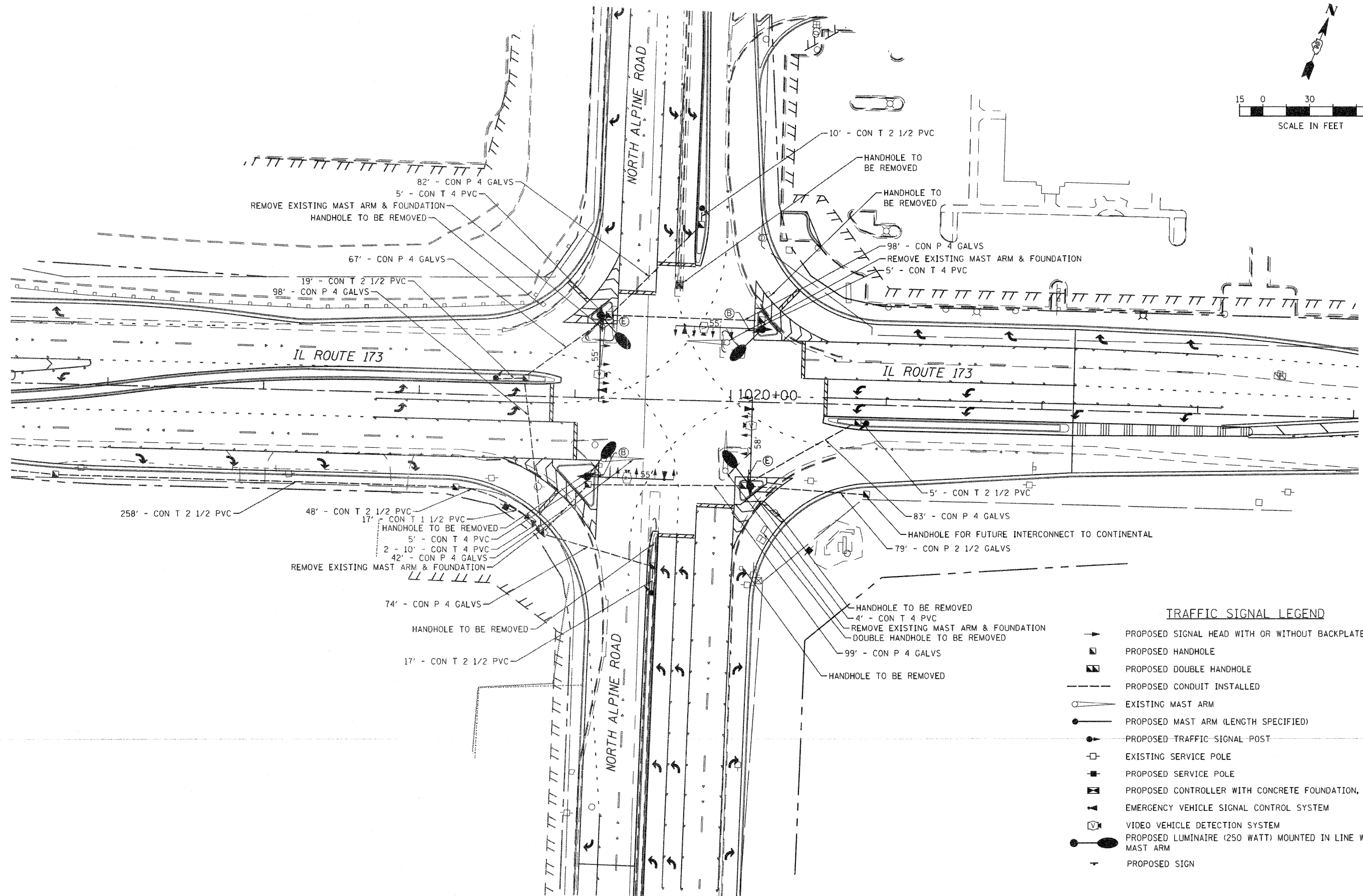
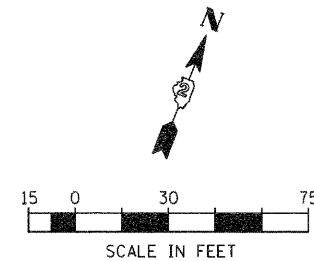


PHASE DESIGNATION DIAGRAM

DETECTION ZONES		
ZONE	PHASE No.	DIRECTION
A	4	NB PRESENT
B	7	NB LEFT TURN
C	A	WB RIGHT TURN
D	2	WB PRESENT
E	5	WB LEFT TURN
F	D	SB RIGHT TURN
G	8	SB PRESENT
H	3	SB LEFT TURN
I	C	EB RIGHT TURN
J	6	EB PRESENT
K	1	EB LEFT TURN

CABLE DIAGRAM LEGEND

- ELECTRIC CABLE IN CONDUIT
- 5/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- PROPOSED SERVICE INSTALLATION
- *6 INDICATES AMERICAN WIRE GAUGE (AWG) SIZE 6 CONDUCTORS (SEE GENERAL NOTES)
- ⓧ VIDEO VEHICLE DETECTION SYSTEM
- ▲ EMERGENCY VEHICLE SIGNAL CONTROL SYSTEM
- PROPOSED LUMINAIRE (250 WATT) MOUNTED IN LINE WITH MAST ARM



- TRAFFIC SIGNAL LEGEND**
- ▶ PROPOSED SIGNAL HEAD WITH OR WITHOUT BACKPLATE
 - ◻ PROPOSED HANDHOLE
 - ◻◻ PROPOSED DOUBLE HANDHOLE
 - PROPOSED CONDUIT INSTALLED
 - EXISTING MAST ARM
 - PROPOSED MAST ARM (LENGTH SPECIFIED)
 - PROPOSED TRAFFIC SIGNAL POST
 - ◻ EXISTING SERVICE POLE
 - ◻ PROPOSED SERVICE POLE
 - ◻◻ PROPOSED CONTROLLER WITH CONCRETE FOUNDATION, TYPE D
 - ▶ EMERGENCY VEHICLE SIGNAL CONTROL SYSTEM
 - ◻ VIDEO VEHICLE DETECTION SYSTEM
 - PROPOSED LUMINAIRE (250 WATT) MOUNTED IN LINE WITH MAST ARM
 - ▶ PROPOSED SIGN

FILE NAME =
D264987-shr-ta-3.dgn

USER NAME = sms
PLOT SCALE = 1:60
PLOT DATE = 1/13/2011

DESIGNED - LDC
DRAWN - MBB
CHECKED - CHA
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

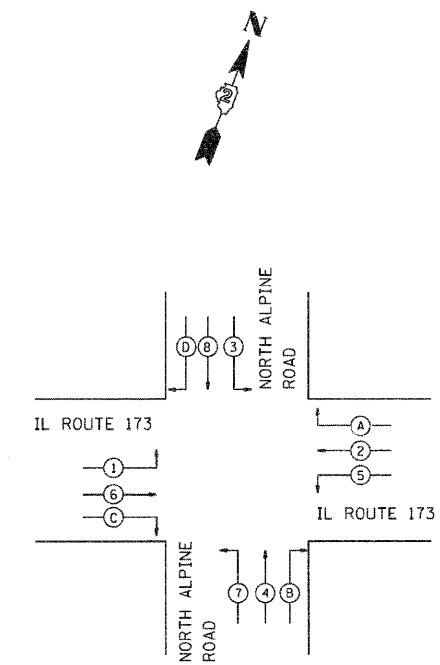
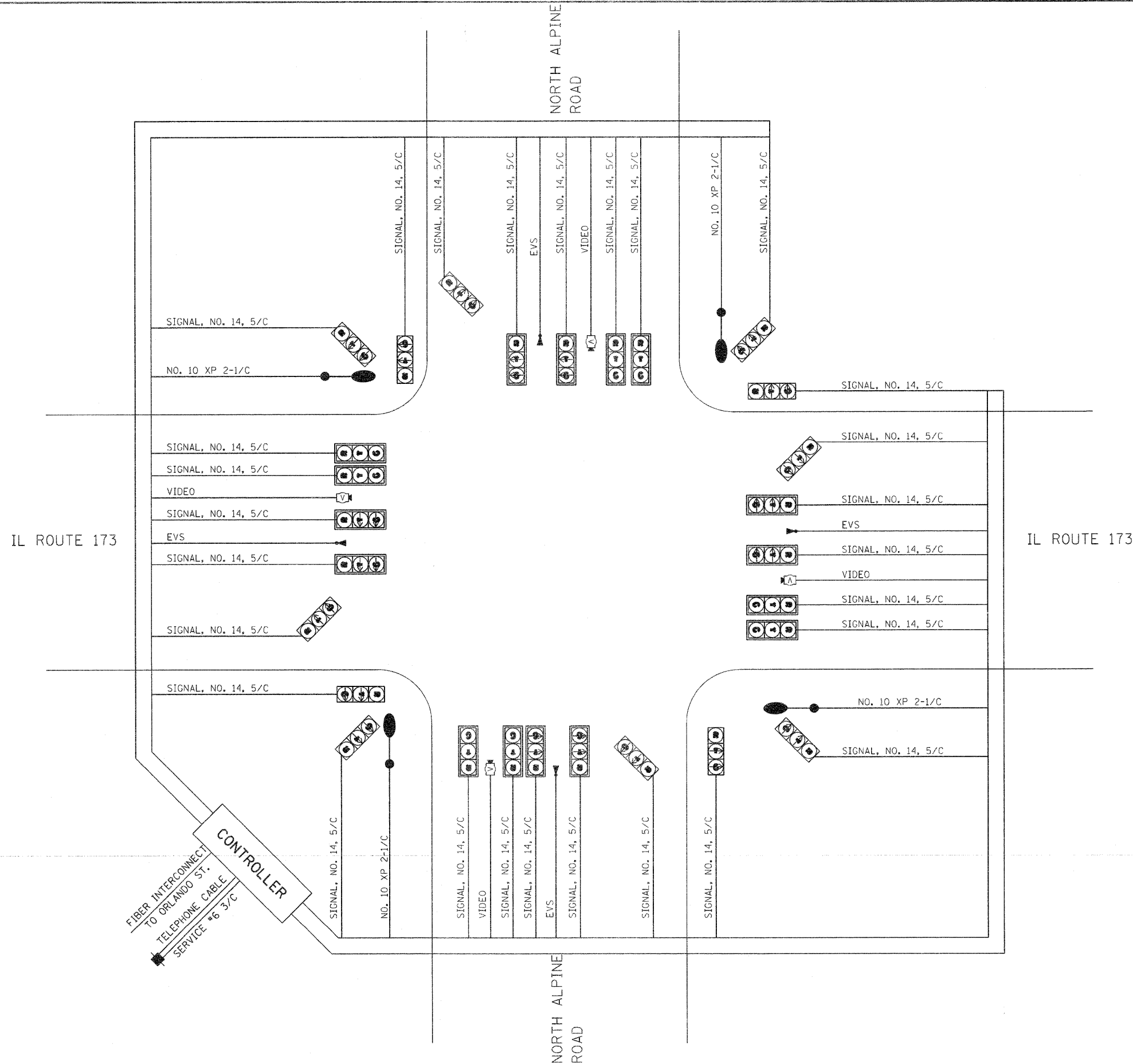
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLAN
IL ROUTE 173 & NORTH ALPINE ROAD**

SCALE: 1:30 SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K-1	WINNEBAGO	401	263
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				

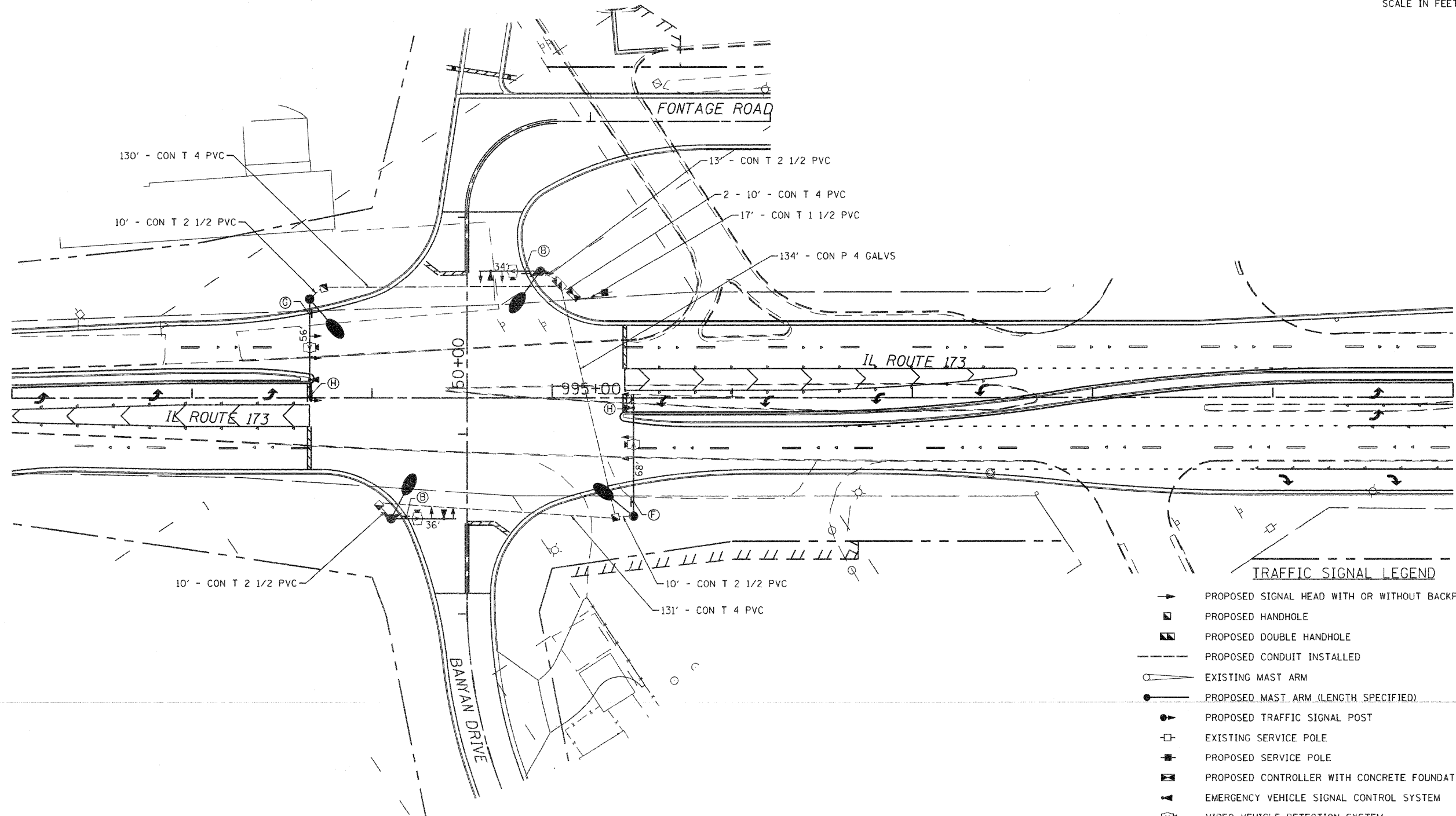
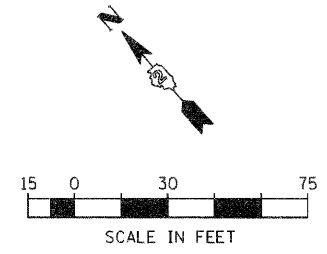
CONTRACT NO. 64987



PHASE DESIGNATION DIAGRAM

DETECTION ZONES		
ZONE	PHASE No.	DIRECTION
A	B	NB RIGHT TURN
B	4	NB PRESENT
C	7	NB LEFT TURN
D	A	WB RIGHT TURN
E	2	WB PRESENT
F	5	WB LEFT TURN
G	D	SB RIGHT TURN
H	8	SB PRESENT
I	3	SB LEFT TURN
J	C	EB RIGHT TURN
K	6	EB PRESENT
L	1	EB LEFT TURN

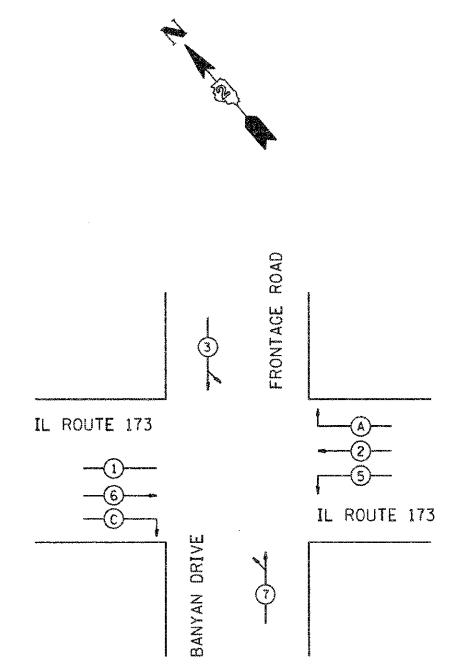
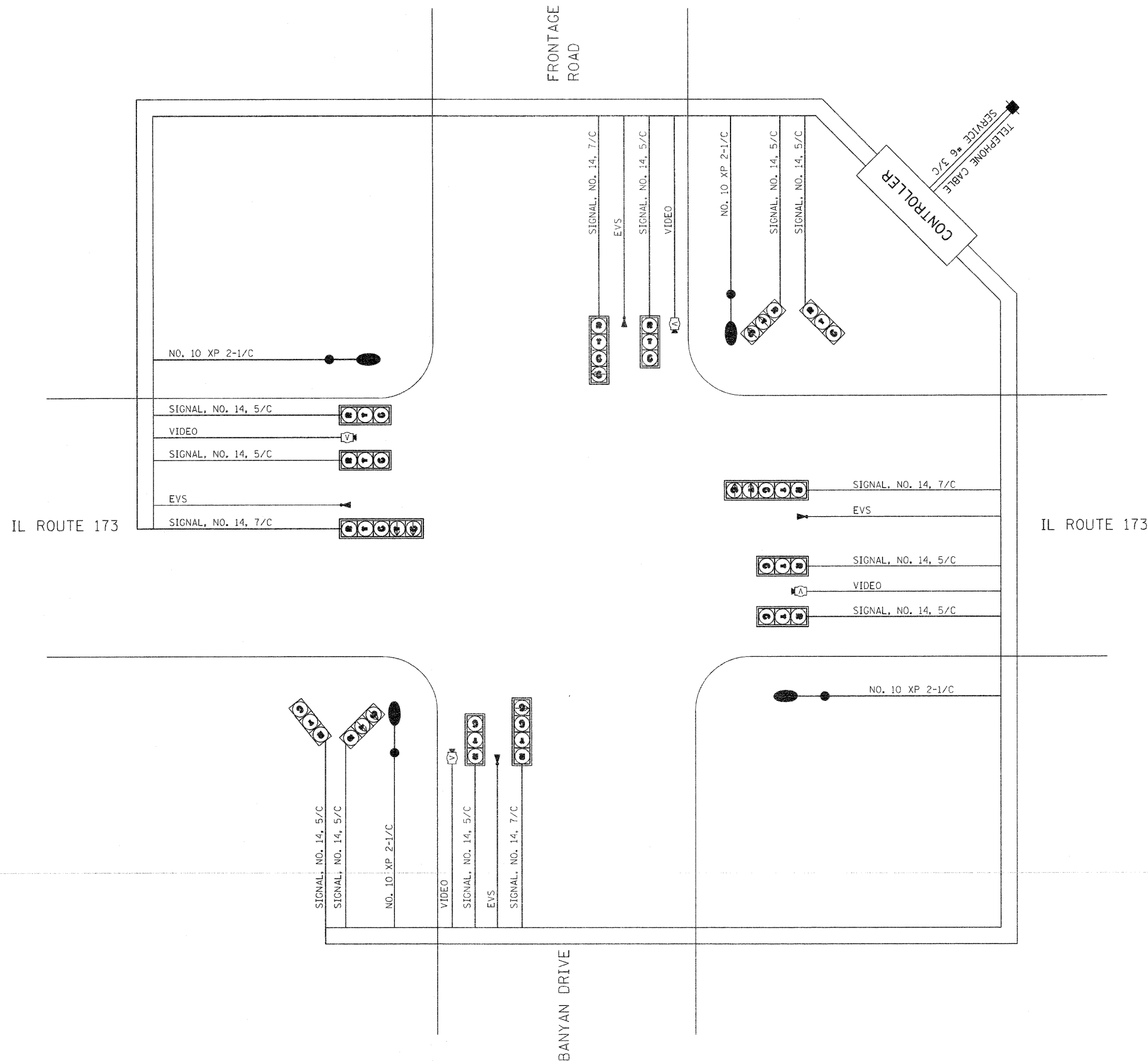
- CABLE DIAGRAM LEGEND**
- ELECTRIC CABLE IN CONDUIT
 - 5/C INDICATES NUMBER OF CONDUCTORS IN CABLE
 - PROPOSED SERVICE INSTALLATION
 - *6 INDICATES AMERICAN WIRE GAUGE (AWG) SIZE 6 CONDUCTORS (SEE GENERAL NOTES)
 - ⓧ VIDEO VEHICLE DETECTION SYSTEM
 - ▲ EMERGENCY VEHICLE SIGNAL CONTROL SYSTEM
 - PROPOSED LUMINAIRE (250 WATT) MOUNTED IN LINE WITH MAST ARM



TRAFFIC SIGNAL LEGEND

- PROPOSED SIGNAL HEAD WITH OR WITHOUT BACKPLATE
- ◻ PROPOSED HANDHOLE
- ◻ PROPOSED DOUBLE HANDHOLE
- PROPOSED CONDUIT INSTALLED
- EXISTING MAST ARM
- PROPOSED MAST ARM (LENGTH SPECIFIED)
- PROPOSED TRAFFIC SIGNAL POST
- ◻ EXISTING SERVICE POLE
- ◻ PROPOSED SERVICE POLE
- ◻ PROPOSED CONTROLLER WITH CONCRETE FOUNDATION, TYPE D
- ▲ EMERGENCY VEHICLE SIGNAL CONTROL SYSTEM
- ◻ VIDEO VEHICLE DETECTION SYSTEM
- PROPOSED LUMINAIRE (250 WATT) MOUNTED IN LINE WITH MAST ARM
- PROPOSED SIGN

FILE NAME = D264987-shs-te-4.dgn	USER NAME = sms	DESIGNED - LOC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL PLAN				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - SMS	REVISED -		IL ROUTE 173 & BANYAN DRIVE / FRONTAGE ROAD				303	129K-1	WINNEBAGO	401	265
		CHECKED - CHA	REVISED -		SCALE: 1:30	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT		
		DATE -	REVISED -		CONTRACT NO. 64987								

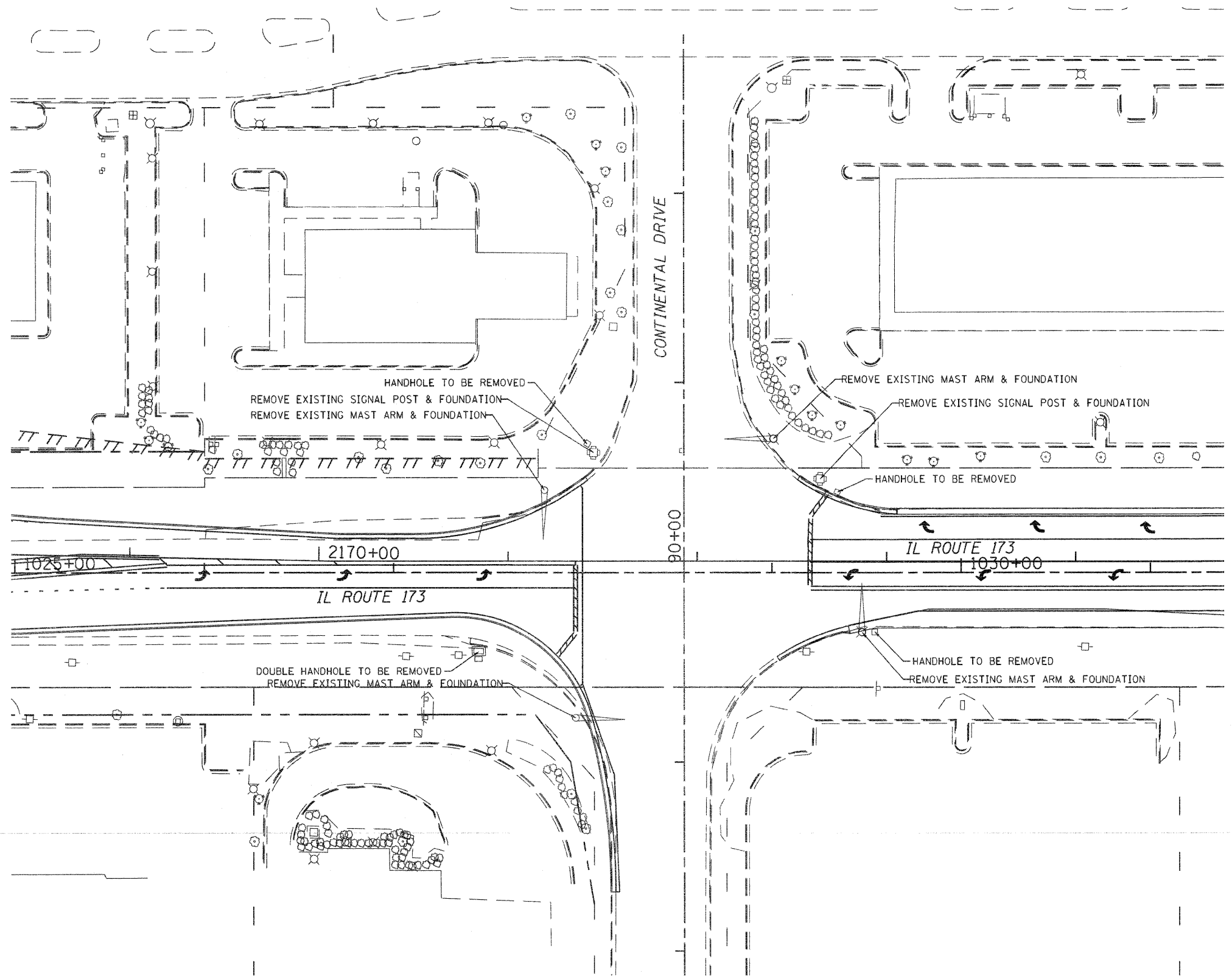
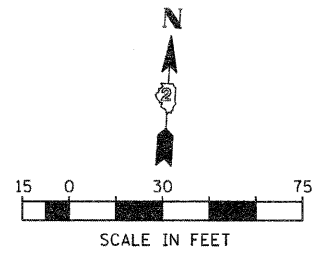


PHASE DESIGNATION DIAGRAM

DETECTION ZONES		
ZONE	PHASE No.	DIRECTION
A	4	NB PRESENT
B	A	WB RIGHT TURN
C	2	WB PRESENT
D	5	WB LEFT TURN
E	8	SB PRESENT
F	C	EB RIGHT TURN
G	6	EB PRESENT
H	1	EB LEFT TURN

CABLE DIAGRAM LEGEND

- ELECTRIC CABLE IN CONDUIT
- 5/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- PROPOSED SERVICE INSTALLATION
- *6 INDICATES AMERICAN WIRE GAUGE (AWG) SIZE 6 CONDUCTORS (SEE GENERAL NOTES)
- ⓧ VIDEO VEHICLE DETECTION SYSTEM
- ▲ EMERGENCY VEHICLE SIGNAL CONTROL SYSTEM
- PROPOSED LUMINAIRE (250 WATT) MOUNTED IN LINE WITH MAST ARM



- TRAFFIC SIGNAL LEGEND**
- ▶ PROPOSED SIGNAL HEAD WITH OR WITHOUT BACKPLATE
 - ◻ PROPOSED HANDHOLE
 - ◻ PROPOSED DOUBLE HANDHOLE
 - PROPOSED CONDUIT INSTALLED
 - EXISTING MAST ARM
 - PROPOSED MAST ARM (LENGTH SPECIFIED)
 - PROPOSED TRAFFIC SIGNAL POST
 - ◻ EXISTING SERVICE POLE
 - ◻ PROPOSED SERVICE POLE
 - ◻ PROPOSED CONTROLLER WITH CONCRETE FOUNDATION, TYPE D
 - ▲ EMERGENCY VEHICLE SIGNAL CONTROL SYSTEM
 - ◻ VIDEO VEHICLE DETECTION SYSTEM
 - PROPOSED LUMINAIRE (250 WATT) MOUNTED IN LINE WITH MAST ARM
 - ◻ PROPOSED SIGN

FILE NAME =
D264987-aht-ta-5.dgn

USER NAME = sms
PLOT SCALE = 1/64
PLOT DATE = 1/13/2011

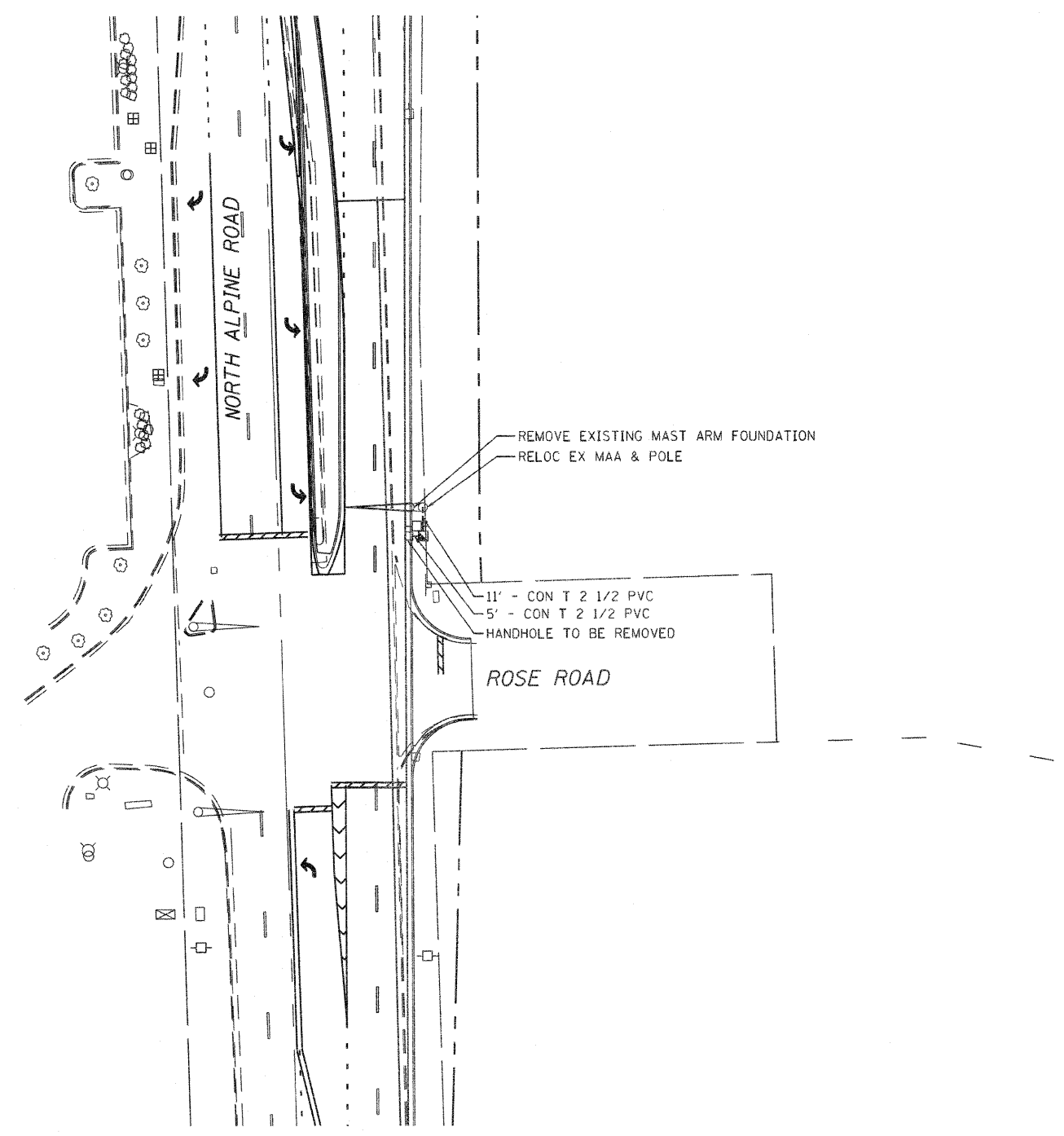
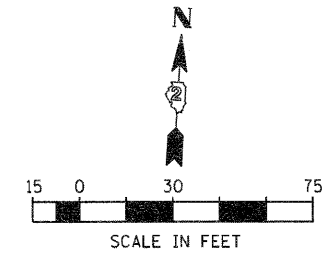
DESIGNED - LDC
DRAWN - SMS
CHECKED - CHA
DATE -

REVISED -
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REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLAN
IL ROUTE 173 & CONTINENTAL DRIVE**
SCALE: 1:30 SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K-1	WINNEBAGO	401	267
CONTRACT NO. 64987				
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				

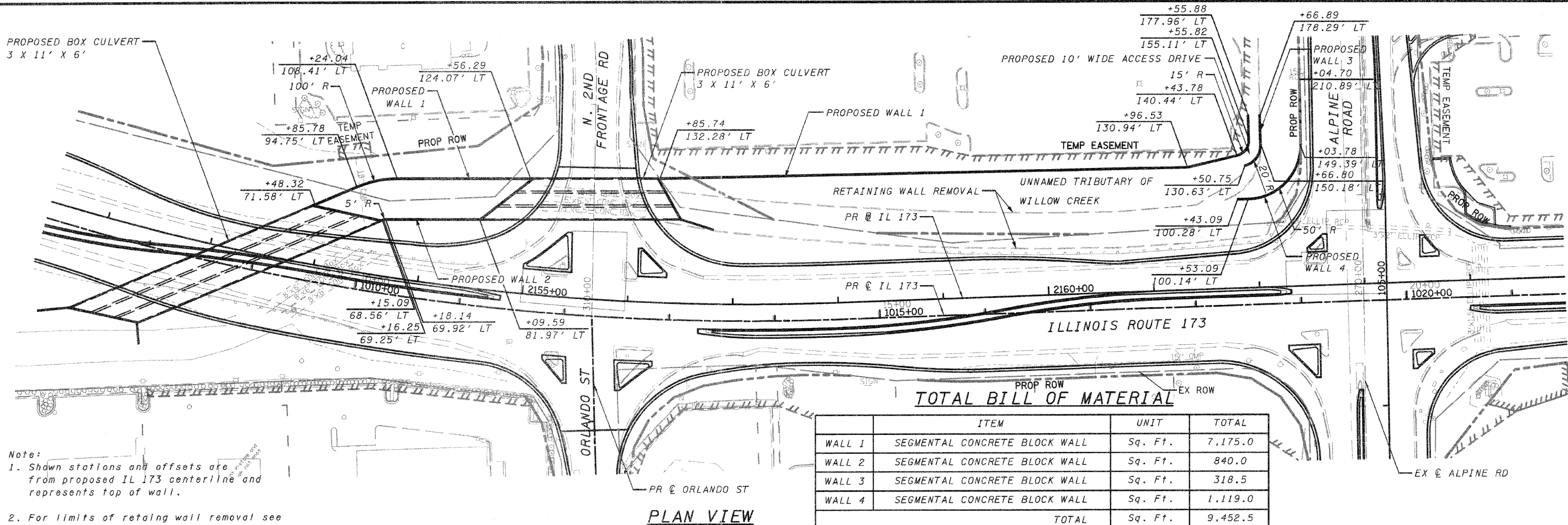


TRAFFIC SIGNAL LEGEND

- ➔ PROPOSED SIGNAL HEAD WITH OR WITHOUT BACKPLATE
- ◻ PROPOSED HANDHOLE
- ◻ PROPOSED DOUBLE HANDHOLE
- PROPOSED CONDUIT INSTALLED
- ⚓ EXISTING MAST ARM
- PROPOSED MAST ARM (LENGTH SPECIFIED)
- PROPOSED TRAFFIC SIGNAL POST
- ◻ EXISTING SERVICE POLE
- PROPOSED SERVICE POLE
- ◻ PROPOSED CONTROLLER WITH CONCRETE FOUNDATION, TYPE D
- ▲ EMERGENCY VEHICLE SIGNAL CONTROL SYSTEM
- ◻ VIDEO VEHICLE DETECTION SYSTEM
- PROPOSED LUMINAIRE (250 WATT) MOUNTED IN LINE WITH MAST ARM
- ➔ PROPOSED STREET SIGN

FILE NAME = 0264987-shr-ta-6.dgn	USER NAME = sms	DESIGNED - LDC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL PLAN NORTH ALPINE ROAD & ROSE ROAD			F.A.P. RTE. 303	SECTION 129K-1	COUNTY WINNEBAGO	TOTAL SHEETS 401	SHEET NO. 268
	PLOT SCALE = 1/4"=1'-0"	DRAWN - SMS	REVISED -		SCALE: 1/4"=1'-0"	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT CONTRACT NO. 64987				
PLOT DATE = 1/13/2011	CHECKED - CHA	DATE -	REVISED -									

PROPOSED BOX CULVERT
3 X 11' X 6'

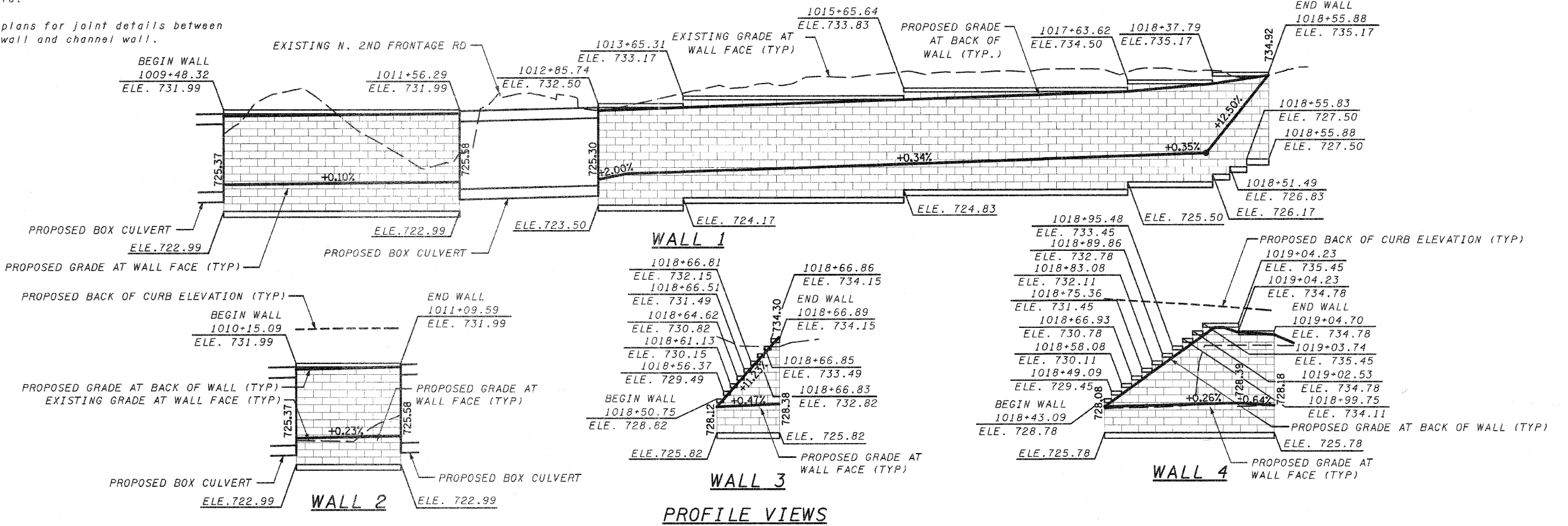


- Note:
1. Shown stations and offsets are from proposed IL 173 centerline and represents top of wall.
 2. For limits of retaining wall removal see removal sheets.
 3. See culvert plans for joint details between culvert headwall and channel wall.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
WALL 1	SEGMENTAL CONCRETE BLOCK WALL	Sq. Ft. 7,175.0
WALL 2	SEGMENTAL CONCRETE BLOCK WALL	Sq. Ft. 840.0
WALL 3	SEGMENTAL CONCRETE BLOCK WALL	Sq. Ft. 318.5
WALL 4	SEGMENTAL CONCRETE BLOCK WALL	Sq. Ft. 1,119.0
TOTAL		Sq. Ft. 9,452.5

PLAN VIEW



PROFILE VIEWS

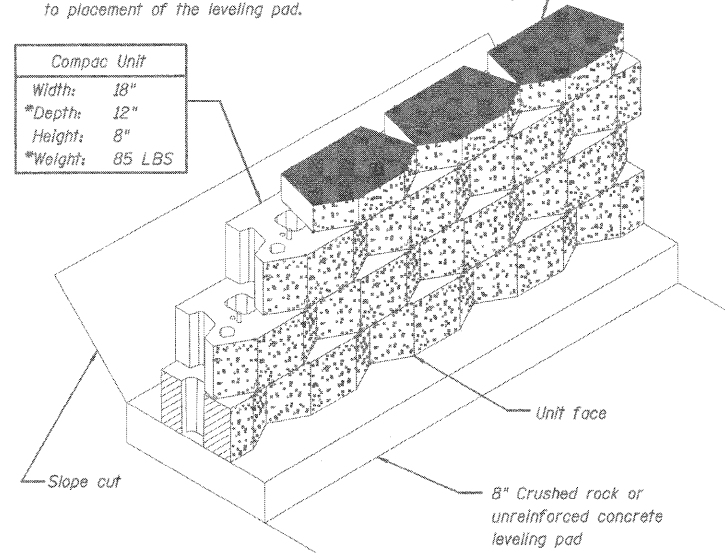
Base Leveling Pad Notes:

1. The leveling pad is to be constructed of 6" thick, 24" wide unreinforced 2,500 PSI concrete.

2. The base foundation is to be approved by the site geotechnical engineer prior to placement of the leveling pad.

Mini Cap Unit	
Width:	18"
*Depth:	10"
Height:	8"
*Weight:	45 LBS

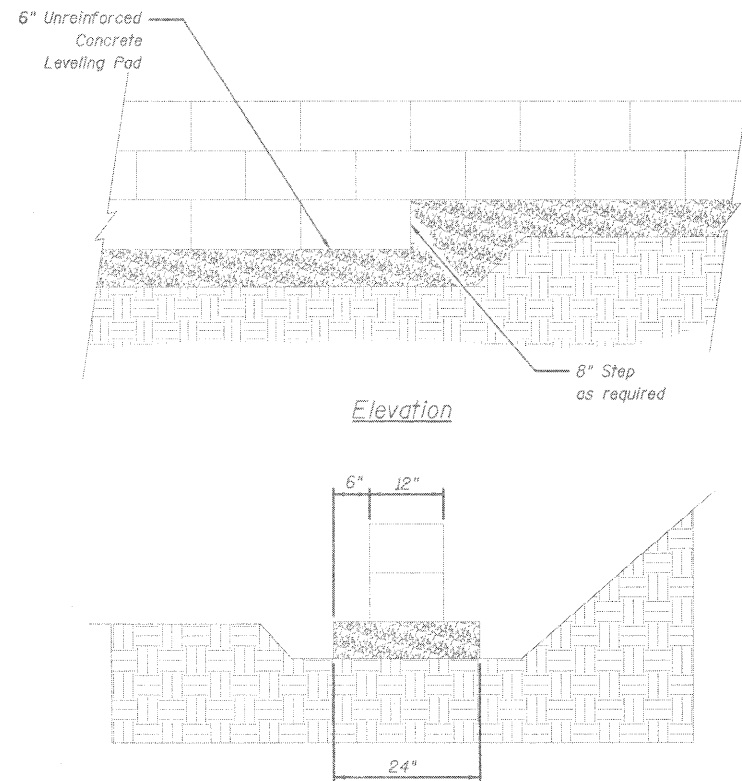
Compac Unit	
Width:	18"
*Depth:	12"
Height:	8"
*Weight:	85 LBS



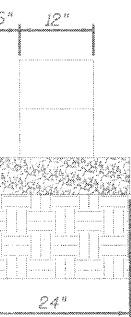
* Dimensions & weight may vary by region

Compac Unit / Base Pad Isometric View

Scale: Not to scale



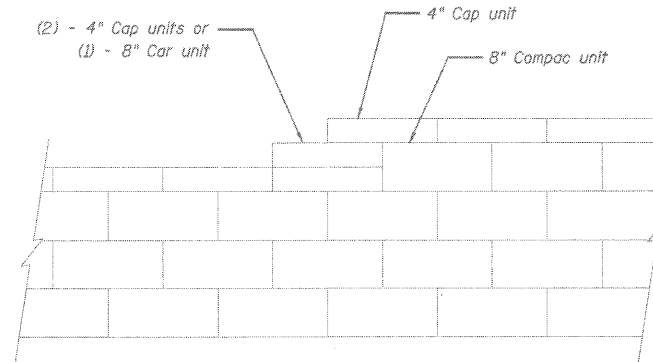
Elevation



Section

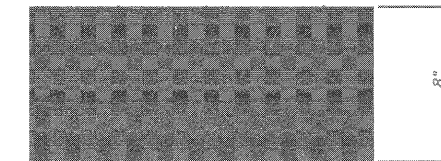
Leveling Pad Detail

Scale: Not to scale

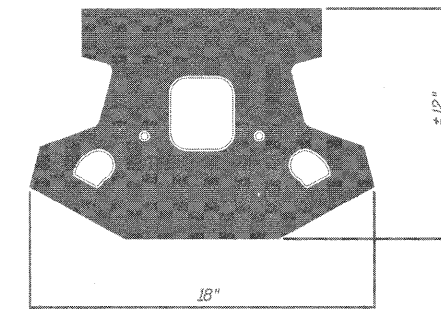


Top of Wall Steps

Scale: Not to scale



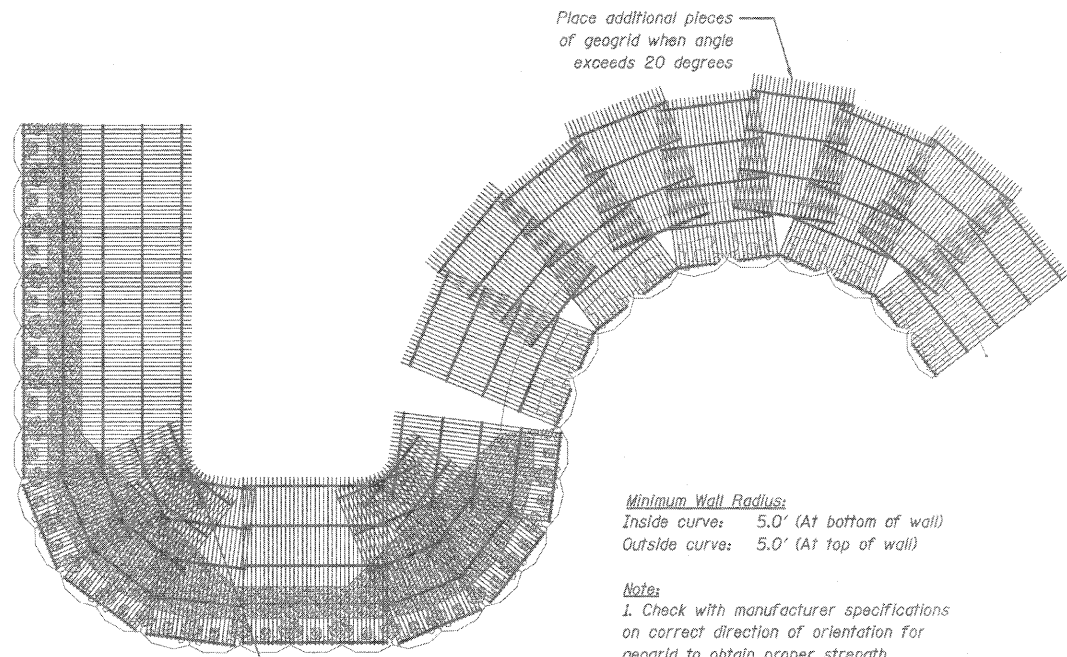
Compac Elevation



Compac Plan

Compac Unit

Scale: Not to scale

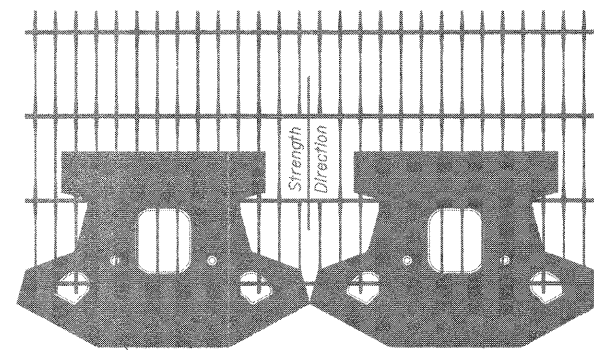


Minimum Wall Radius:
 Inside curve: 5.0' (At bottom of wall)
 Outside curve: 5.0' (At top of wall)

Note:
 1. Check with manufacturer specifications on correct direction of orientation for geogrid to obtain proper strength.

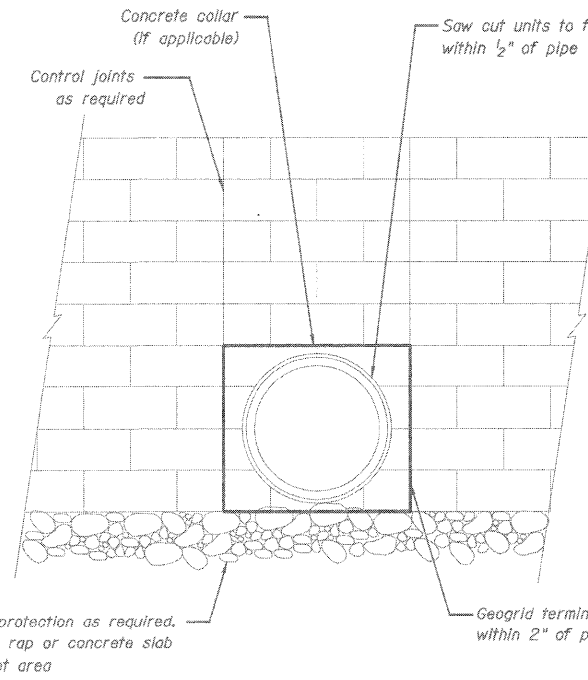
Geogrid Installation on Curves

Scale: Not to scale



Grid & Pin Connection

Scale: Not to scale



Note:

1. For pipes larger than 24", A concrete collar may be cast around pipe for ease of construction and appearance.

Typical Pipe Outlet

Scale: Not to scale

FILE NAME = D264987-ent-struc03.dgn

USER NAME = 3202090971

DESIGNED - LOM

REVISED -

DRAWN - MD

REVISED -

CHECKED - PDK

REVISED -

DATE - 01-19-2011

REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CHANNEL WALL DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K-1	WINNEBAGO	401	271
CONTRACT NO. 64987				

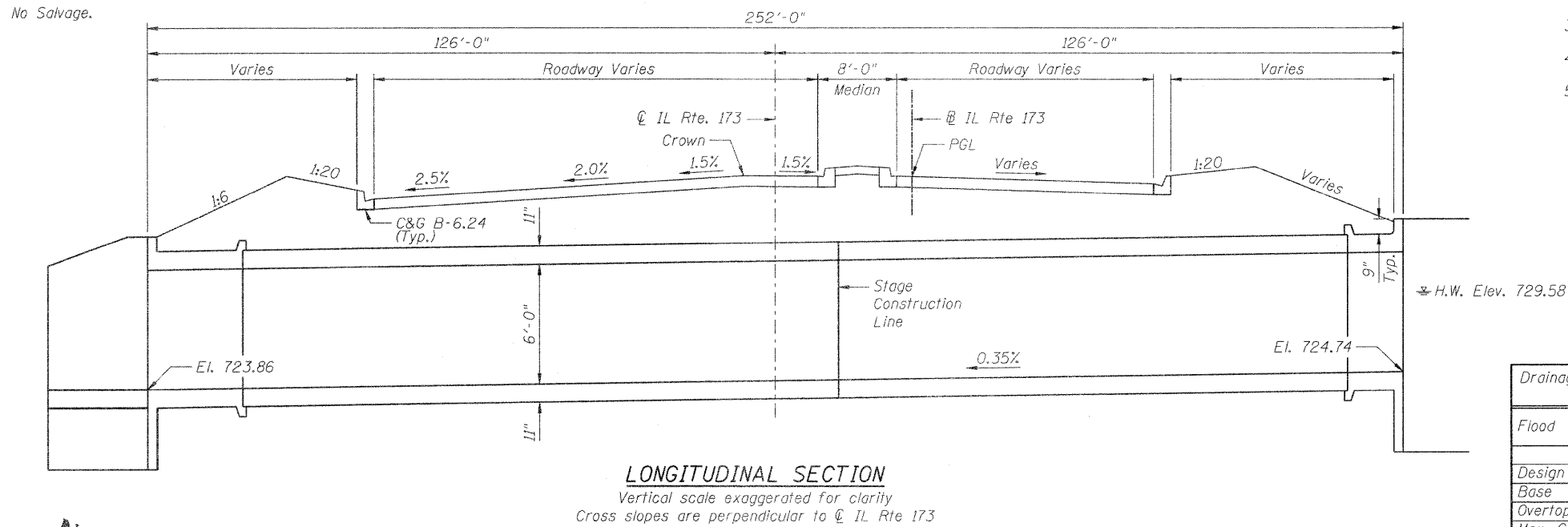
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT

Bench Mark #404: Headwall, chiseled square, existing IL 173 at Sta. 9+46.95, 37.97' Rt., Elev. 731.995

Existing Structure: S.N. 101-2009 was built in 1964 as F.A. Route 188, Section 4B-2 as a triple 8'x6' box culvert. The existing culvert is 108.4' long along the stream centerline from survey.

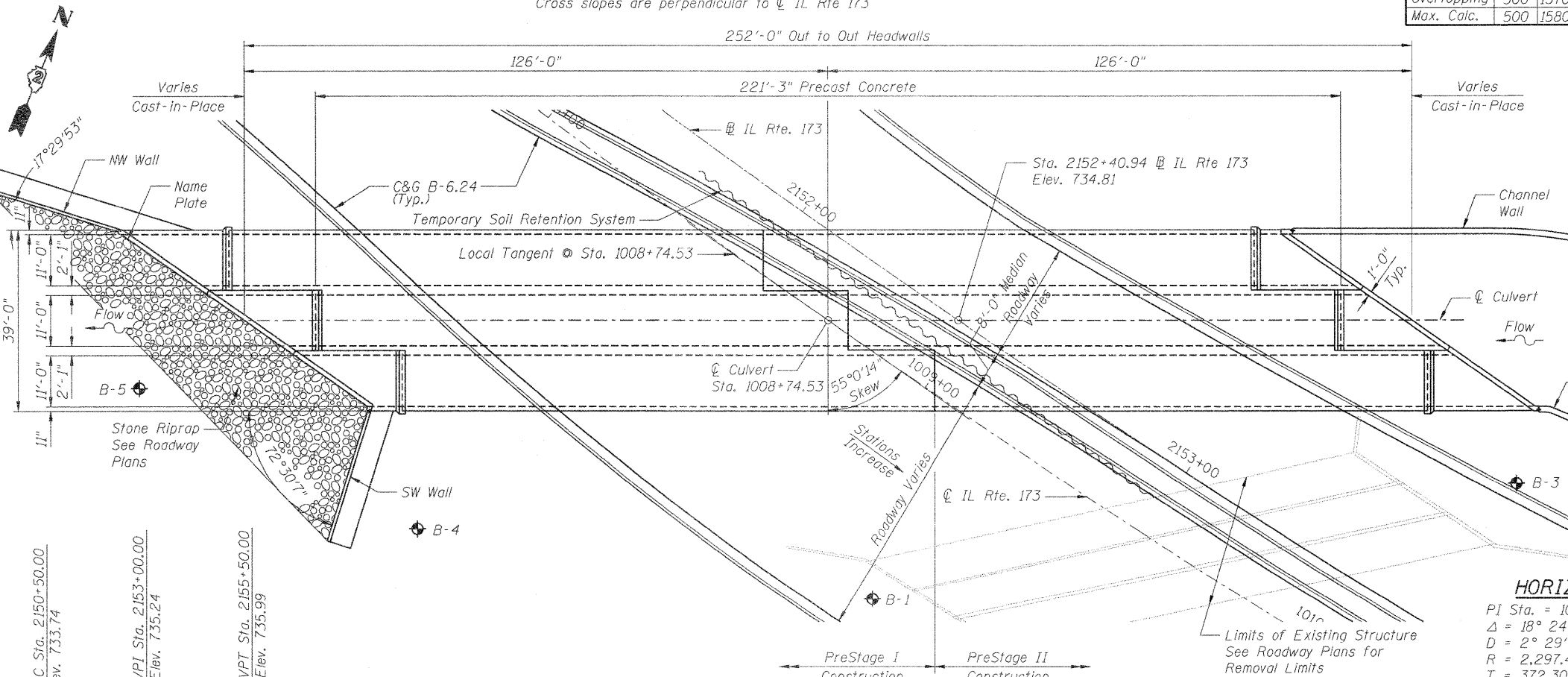
Traffic shall be maintained during staged construction.

No Salvage.

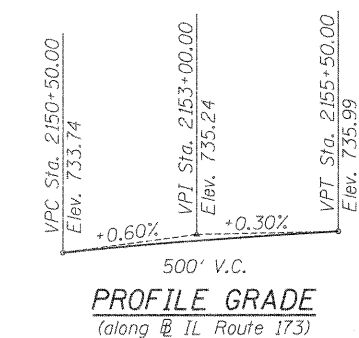


LONGITUDINAL SECTION

Vertical scale exaggerated for clarity
Cross slopes are perpendicular to CL IL Rte 173



PLAN



PROFILE GRADE
(along CL IL Route 173)

LEGEND
◆ Soil Boring Location

GENERAL NOTES

- Precast Concrete Box Culvert sections shall conform to the requirements of Article 540.06 of the Standard Specifications and the applicable requirements of AASHTO M. 259.
- Reinforcement bars shall conform to the requirements of ASTM A 706 Grade 60 (IL Modified). See Special Provisions.
- Reinforcement bars designated (E) shall be epoxy coated.
- Lifting holes shall be filled with concrete plugs and mastic after box sections are in place.
- Exposed edges shall have a $\frac{3}{4}$ " chamfer.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Removal of Existing Structures No. 1	Each	1
Reinforcement Bars	Pound	26,230
Reinforcement Bars (Epoxy Coated)	Pound	220
Temporary Soil Retention System	Sq. Ft.	1,376
Name Plates	Each	1
Concrete Box Culverts	Cu. Yd.	162.1
Precast Concrete Box Culvert 11'x6'	Foot	664

WATERWAY INFORMATION

Flood	Freq. Year	Q cfs	Opening Sq. Ft.		Natural H.W.E.		Head - Foot		Headwater Elev. (ft)	
			Existing	Proposed	Existing	Proposed	Existing	Proposed	Existing	Proposed
Design	10	579	120	177	729.46	728.64	0.71	0	730.2	728.6
Base	50	958	144	198	730.21	729.58	1.56	0	731.8	729.6
Overtopping	100	1130	144	198	730.48	729.93	2.06	0	732.5	729.9
Max. Calc.	300	1370	144	198	730.77	730.73	2.56	0	733.3	730.9
	500	1580	144/75	198	731.03	730.73	3.06	0.15	734.1	730.9

10-Year Velocity through Existing Structure = 6.4 fps
10-Year Velocity through Proposed Structure = 6.1 fps

DESIGN SCOUR ELEVATION TABLE

Design Scour Elevation (ft.)	Upstream	Downstream
	721.99	721.11

LOADING HS20-44

Allow 50#/sq. ft. for future wearing surface.
Design Fill Ht. > 2'

DESIGN SPECIFICATIONS

2002 AASHTO

DESIGN STRESSES

PRECAST
 $f'_c = 5,000$ psi
 $f_y = 65,000$ psi (welded wire fabric)

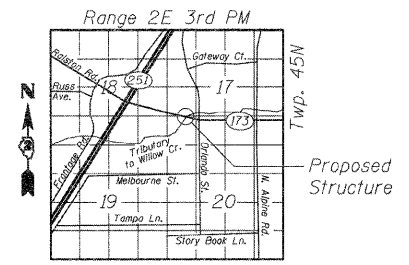
CAST-IN-PLACE
 $f'_c = 3,500$ psi
 $f_y = 60,000$ psi (reinforcement)

INDEX OF SHEETS

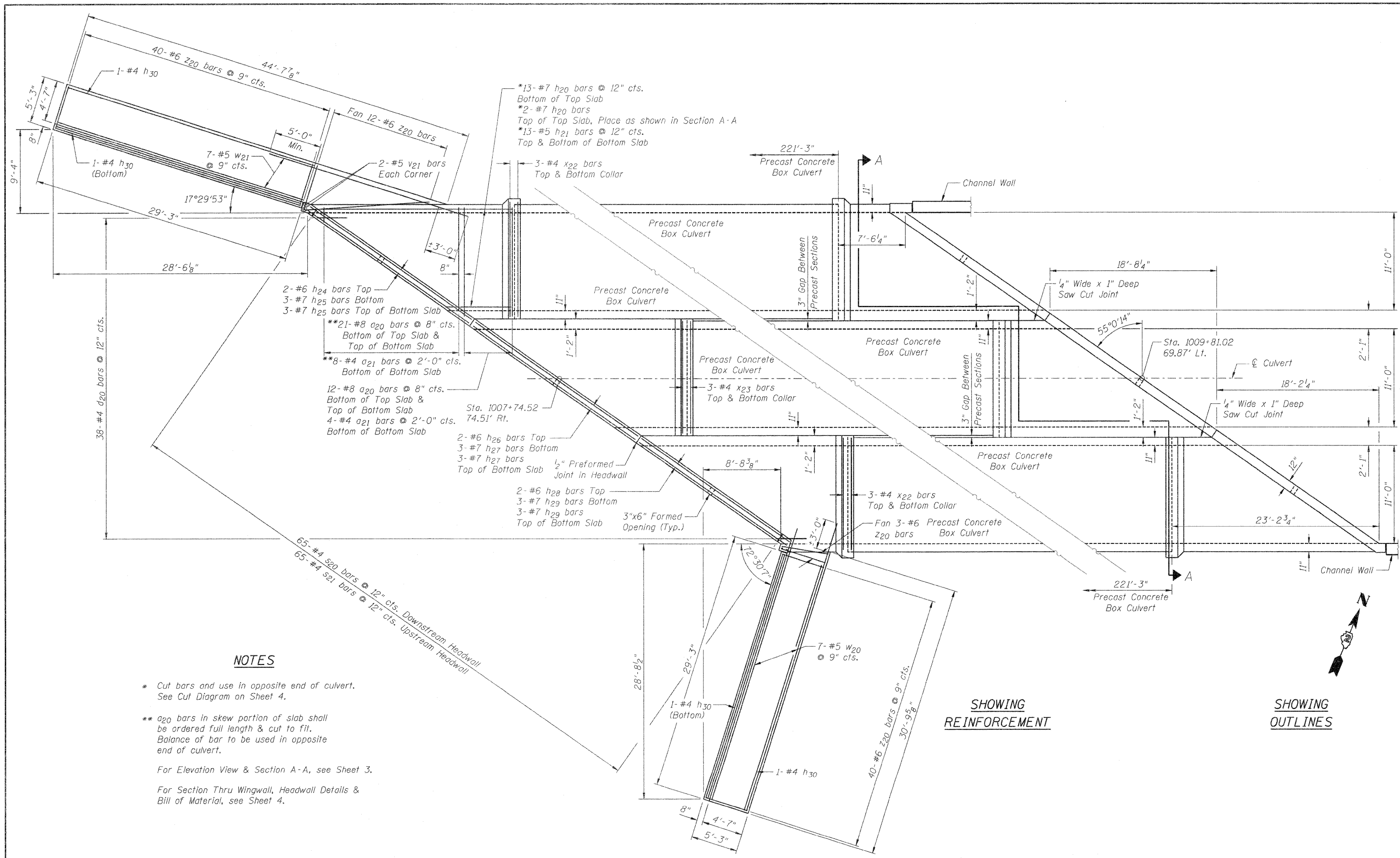
- General Plan
- Box Culvert Plan
- Culvert Sections
- Culvert Details
- Boring Logs 1
- Boring Logs 2

HORIZONTAL CURVE DATA

PI Sta. = 1010+89.77	PI Sta. = 2154+31.66
$\Delta = 18^\circ 24' 35"$ (LT)	$\Delta = 18^\circ 24' 35"$ (LT)
D = 2° 29' 38"	D = 2° 30' 41"
R = 2,297.42'	R = 2,281.42'
T = 372.30'	T = 369.71'
L = 738.19'	L = 733.04'
E = 29.97'	E = 29.76'
S.E. = N/A	S.E. = N/A
P.C. Sta. = 1007+17.47	P.C. Sta. = 2150+61.95
P.T. Sta. = 1014+55.65	P.T. Sta. = 2157+94.99



LOCATION SKETCH



NOTES

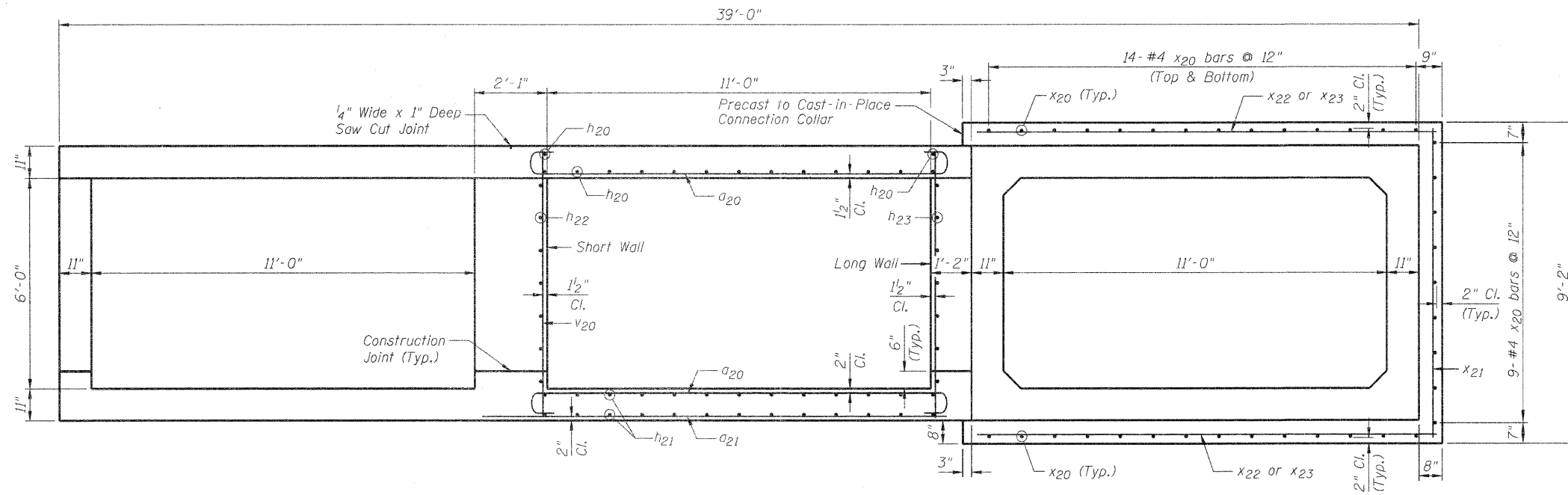
- * Cut bars and use in opposite end of culvert. See Cut Diagram on Sheet 4.
 - ** a20 bars in skew portion of slab shall be ordered full length & cut to fit. Balance of bar to be used in opposite end of culvert.
- For Elevation View & Section A-A, see Sheet 3.
 For Section Thru Wingwall, Headwall Details & Bill of Material, see Sheet 4.

SHOWING REINFORCEMENT

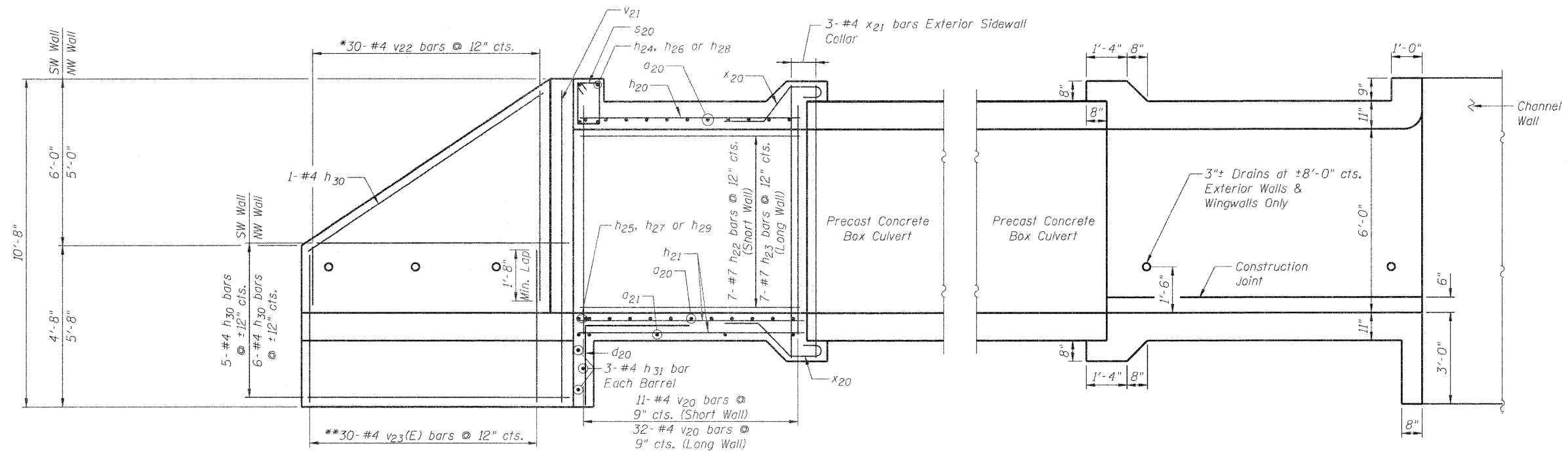
SHOWING OUTLINES

PARTIAL PLAN

FILE NAME = ...D264987-2051-002-Culvert-tp1en.dgn	USER NAME = SAW	DESIGNED - JLA	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BOX CULVERT PLAN IL 173 OVER WILLOW CREEK TRIBUTARY	F.A.P. RTE. = 303	SECTION = 129K-1	COUNTY = WINNEBAGO	TOTAL SHEETS = 401	SHEET NO. = 273	
PLOT SCALE = 0:2.0000 ' / IN.	DRAWN - SAW	CHECKED - JLA	REVISD -			S.N. 101-2051		CONTRACT NO. 64987		ILLINOIS FED. AID PROJECT	
PLOT DATE = 10/29/2010						SHEET NO. 2 OF 6 SHEETS					



SECTION A-A



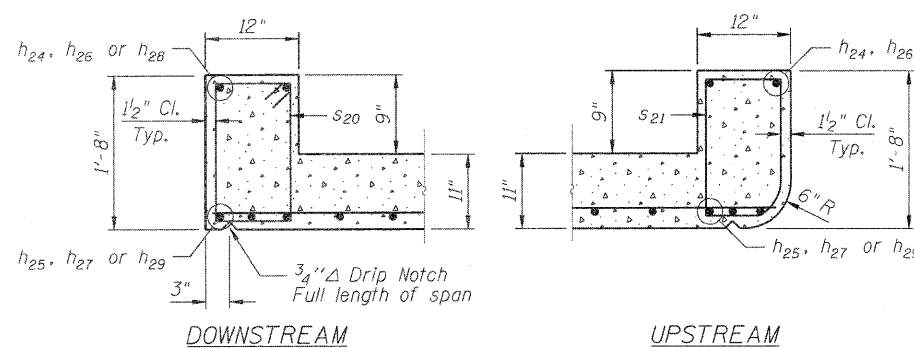
* v22 bars in wingwall shall be ordered full length and cut to fit. Balance of bar used in other wall.

** Cut v23(E) bars as required for slope of SW wall.

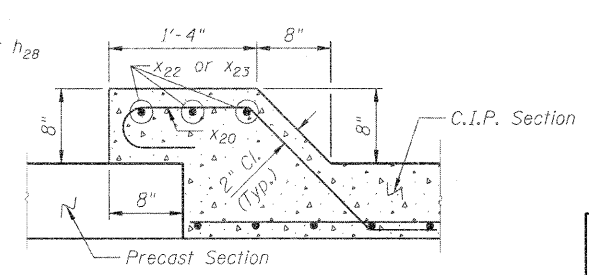
ELEVATION

Note: Tilt hook of a20 bars if necessary for 1/2" min. clr.

FILE NAME = ...D264987-2051-003-CulvertSections.dgn	USER NAME = SAW	DESIGNED - JLA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CULVERT SECTIONS IL 173 OVER WILLOW CREEK TRIBUTARY	F.A.P. RTE. 303	SECTION 129K-1	COUNTY WINNEBAGO	TOTAL SHEETS 40±	SHEET NO. 274	
PLOT SCALE = 0:2.0000' = 1" / IN.	DRAWN - SAW	REVISI	REVISI			S.N. 101-2051		CONTRACT NO. 64987			
PLOT DATE = 10/29/2010	CHECKED - JLA	REVISI	REVISI			SHEET NO. 3 OF 6 SHEETS		ILLINOIS FED. AID PROJECT			



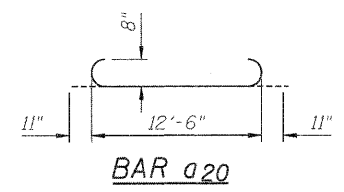
HEADWALL DETAILS



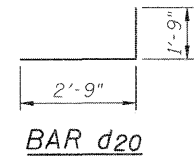
PRECAST TO CAST-IN-PLACE CONNECTION COLLAR

STATION 1008+74.53
 BUILT BY
 STATE OF ILLINOIS
 F.A.P. RT. 303 SEC. 129K-1
 LOADING HS20-44
 STRUCTURE NO. 101-2051

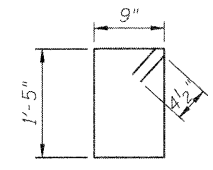
NAME PLATE
 See Std. 515001



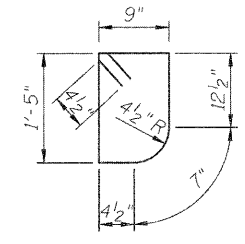
BAR a20



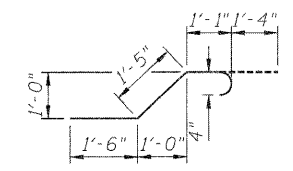
BAR d20



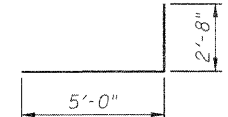
BAR s20



BAR s21

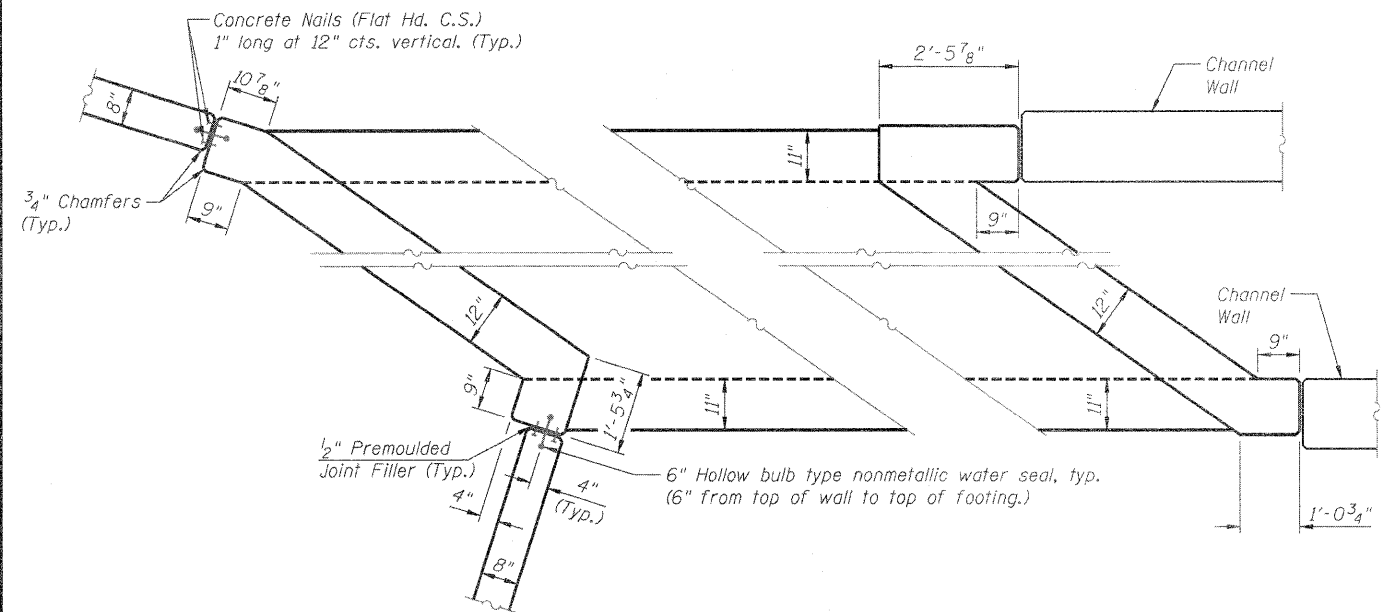


BAR x20

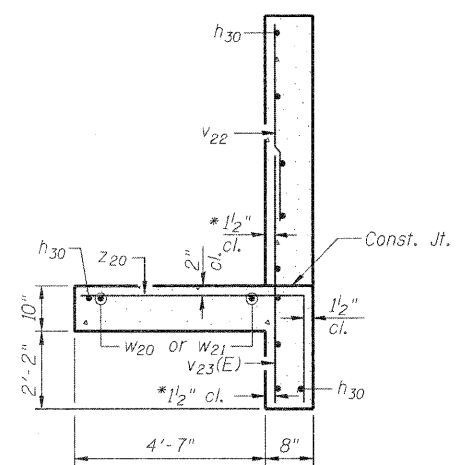


BAR z20

BILL OF MATERIAL				
Bar	No.	Size	Length	Shape
a20	270	#8	14'-4"	
a21	48	#4	12'-6"	
d20	76	#4	4'-6"	
h20	45	#7	30'-0"	
h21	78	#5	30'-0"	
h22	42	#7	7'-3"	
h23	42	#7	22'-10"	
h24	4	#6	22'-0"	
h25	12	#7	22'-0"	
h26	4	#6	22'-6"	
h27	12	#7	22'-6"	
h28	4	#6	21'-1"	
h29	12	#7	21'-1"	
h30	17	#4	29'-0"	
h31	18	#4	22'-0"	
s20	65	#4	5'-1"	
s21	65	#4	4'-11"	
v20	258	#4	7'-6"	
v21	8	#5	10'-4"	
v22	60	#4	8'-11"	
v23(E)	60	#4	5'-4"	
w20	7	#5	33'-7"	
w21	7	#5	36'-0"	
x20	204	#4	5'-4"	
x21	12	#4	8'-10"	
x22	24	#4	13'-5"	
x23	12	#4	12'-6"	
z20	95	#6	7'-8"	
Item	Unit	Quantity		
Concrete Box Culverts	Cu. Yd.	162.1		
Reinforcement Bars	Pound	26,230		
Reinforcement Bars (Epoxy Coated)	Pound	220		

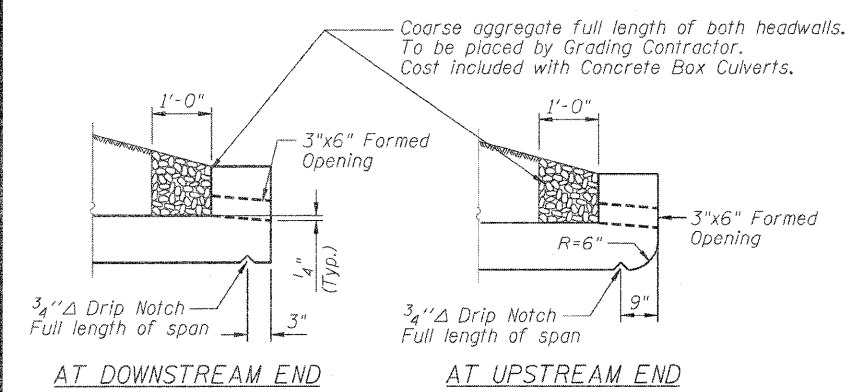


CORNER DETAILS

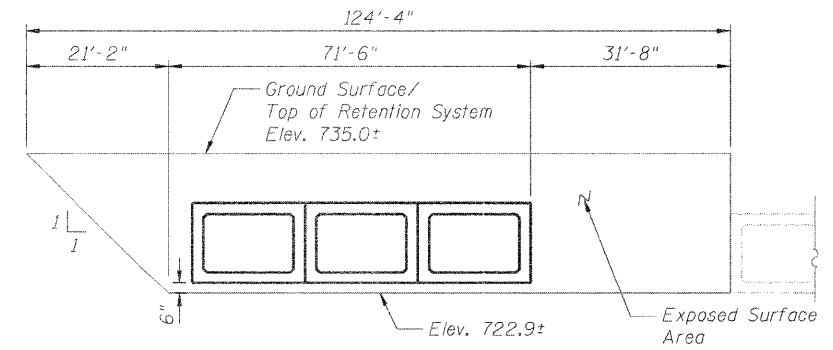


SECTION THRU WINGWALL

* v bars shall not be placed more than 1 1/2" cl. from back face of wingwall.
 Max. Soil Pressure under footing = 2,609 psf

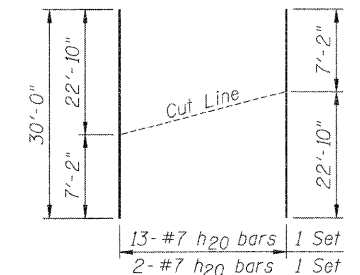


DRAIN DETAIL

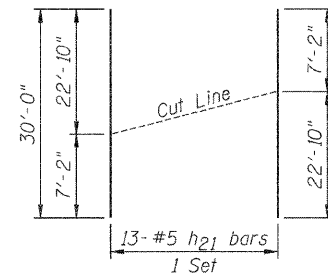


TEMPORARY SOIL RETENTION SYSTEM

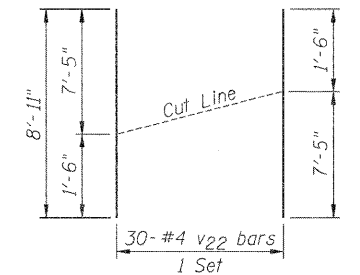
Horizontal dimensions are along skew
 Slope 1:1 is perpendicular to culvert
 A cantilevered sheet piling design does not appear feasible and additional members or other retention systems may be necessary. The Contractor shall submit a temporary soil retention system design including plan details and calculations for review and acceptance by the Engineer.



BAR h20 CUT DIAGRAM




BAR h21 CUT DIAGRAM



BAR v22 CUT DIAGRAM

BORING LOG B-1



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation-D-2

SOIL BORING LOG

Page 1 of 1

Date 1/20/05

ROUTE FAP 303 DESCRIPTION P92-123-00 IL 173 Box Culvert, 700' E. of IL 173, Machesney Park LOGGED BY W. Garza


SECTION 129R LOCATION Harlem Twp. - 20 NW, SEC., TWP. 45N, RNG. 2E

COUNTY Winnebago DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. Station	D E P T H S	B L O W S	U C S Q u	M O I S T %	Surface Water Elev.		D E P T H S	B L O W S	U C S Q u	M O I S T %
					(ft)	(ft)				
BORING NO. <u>B-1</u> Station <u>2152+59</u> Offset <u>00.00ft RL CL</u> Ground Surface Elev. <u>91.80</u> ft					91.20	91.20				
					Groundwater Elev.:					
					First Encounter	72.4				
					Upon Completion	69.9				
					After Hrs.					
MEDIUM brown SANDY LOAM		0.8	18.0		LOOSE tan clean medium SAND (continued)	70.90	2			
	90.40		P				4			
MEDIUM brown/tan SAND & GRAVEL		7			LOOSE tan clean medium SAND Wash		2			
	88.40	6				68.40	3			
		6					5			
LOOSE brown SAND & GRAVEL, moist		3			End of Boring					
	85.90	3								
		6								
LOOSE brown dirty SAND & GRAVEL		4								
	83.40	4								
		4								
LOOSE brown clean SAND & GRAVEL, moist		2								
	80.90	2								
		4								
LOOSE/MEDIUM brown SAND & GRAVEL		3								
	78.40	4								
		6								
LOOSE/MEDIUM tan SAND & GRAVEL		4								
	75.90	4								
		4								
LOOSE tan very moist clean medium SAND		2								
	73.40	2								
		6								
LOOSE tan clean medium SAND		1								

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208)
BBS, from 137 (Rev. 8-99)

BORING LOG B-3



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation-D-2

SOIL BORING LOG

Page 1 of 1

Date 1/24/05

ROUTE FAP 303 DESCRIPTION P92-123-00 IL 173, Box Culvert, 700' E. of IL 173, Machesney Park LOGGED BY W. Garza

SECTION 129R LOCATION Harlem Twp. - 20 NW, SEC., TWP. 45N, RNG. 2E

COUNTY Winnebago DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. Station	D E P T H S	B L O W S	U C S Q u	M O I S T %	Surface Water Elev.		D E P T H S	B L O W S	U C S Q u	M O I S T %
					(ft)	(ft)				
BORING NO. <u>B-3</u> Station <u>2153+62</u> Offset <u>36.00ft RL CL</u> Ground Surface Elev. <u>90.90</u> ft					91.20	91.20				
					Groundwater Elev.:					
					First Encounter	73.4				
					Upon Completion	70.4				
					After Hrs.					
MEDIUM dark brown SANDY LOAM		0.5	11.0		LOOSE/MEDIUM tan SAND & GRAVEL (continued)	69.90	5			
	88.90		P							
MEDIUM brown tan SAND & GRAVEL		8			MEDIUM tan clean medium SAND		3			
	87.40	9				67.40	5			
		10					7			
MEDIUM tan SAND & GRAVEL		4			LOOSE tan fine SAND		1			
	84.90	5				64.90	2			
		6					4			
MEDIUM tan clean medium SAND		4								
	82.40	5								
		6								
VERY LOOSE/LOOSE tan clean medium SAND, dry		3			Wash		2			
	78.90	2			LOOSE tan clean medium SAND	59.90	5			
		2								
LOOSE tan clean medium SAND		2								
	77.40	3								
		4								
LOOSE tan SAND & GRAVEL		2			Wash		2			
	74.90	3			LOOSE tan clean medium SAND	54.90	3			
		5					5			
					End of Boring					
LOOSE tan clean medium SAND		5								
	72.40	3								
		2								
		3								

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208)
BBS, from 137 (Rev. 8-99)

Bench Mark #404: Headwall, chiseled square, existing IL 173 at Sta. 9+46.95, 37.97' Rf., Elev. 731.995

Existing Structure: S.N. 101-2004 Triple 8'-0" x 6'-0" Box Culvert constructed in 1964.

Traffic to be maintained during widening.

No Salvage.

INDEX OF SHEETS

1. General Plan
2. Box Culvert Plan
3. Culvert Sections
4. Culvert Details

GENERAL NOTES

1. Reinforcement bars shall conform to the requirements of ASTM A 706 Grade 60. See Special Provisions.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be a change in the scope of work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
4. Exposed edges shall have a 3/4" chamfer.
5. Precast alternate is not allowed.
6. Concrete Removal shall consist of the complete removal of the existing wingwalls at the extension end of the culvert.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Reinforcement Bars	Pound	16,640
Reinforcement Bars (Epoxy Coated)	Pound	110
Expansion Bolts, 3/4"	Each	90
Concrete Box Culverts	Cu. Yd.	67.0
Concrete Removal	Cu. Yd.	12.3

LOADING HS20-44

Allow 50#/sq. ft. for future wearing surface.

DESIGN SPECIFICATIONS

2002 AASHTO

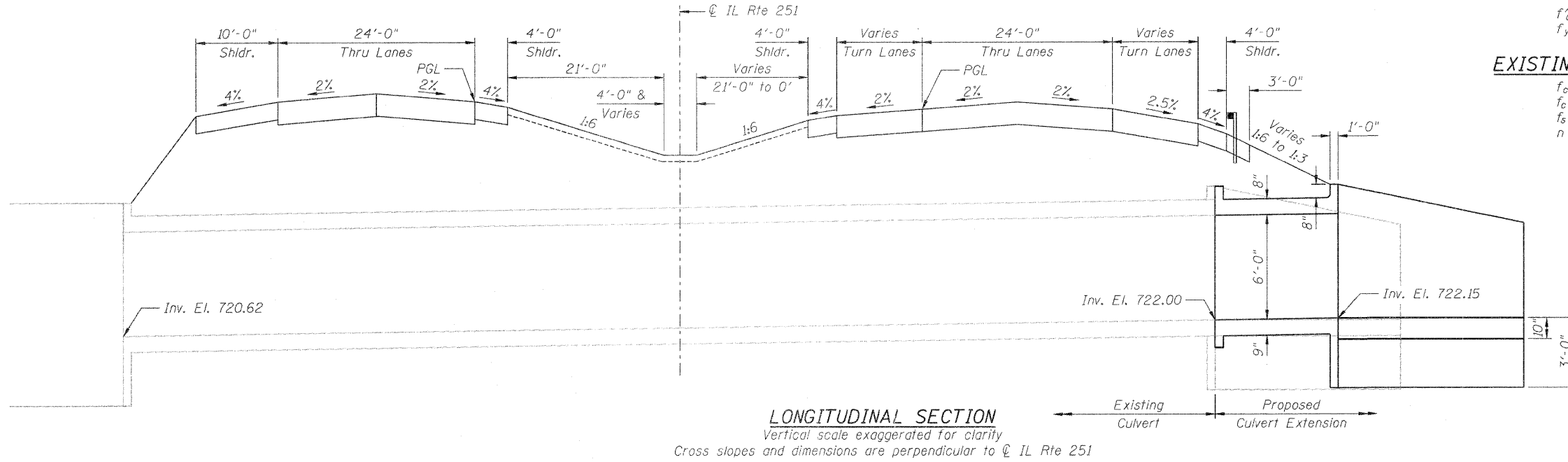
PROPOSED DESIGN STRESSES

FIELD UNITS

$f'_c = 3,500$ psi
 $f_y = 60,000$ psi (reinforcement)

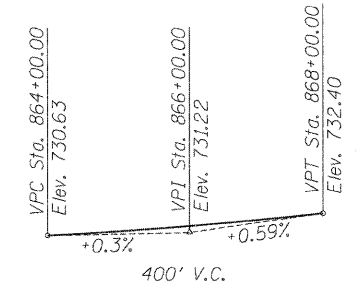
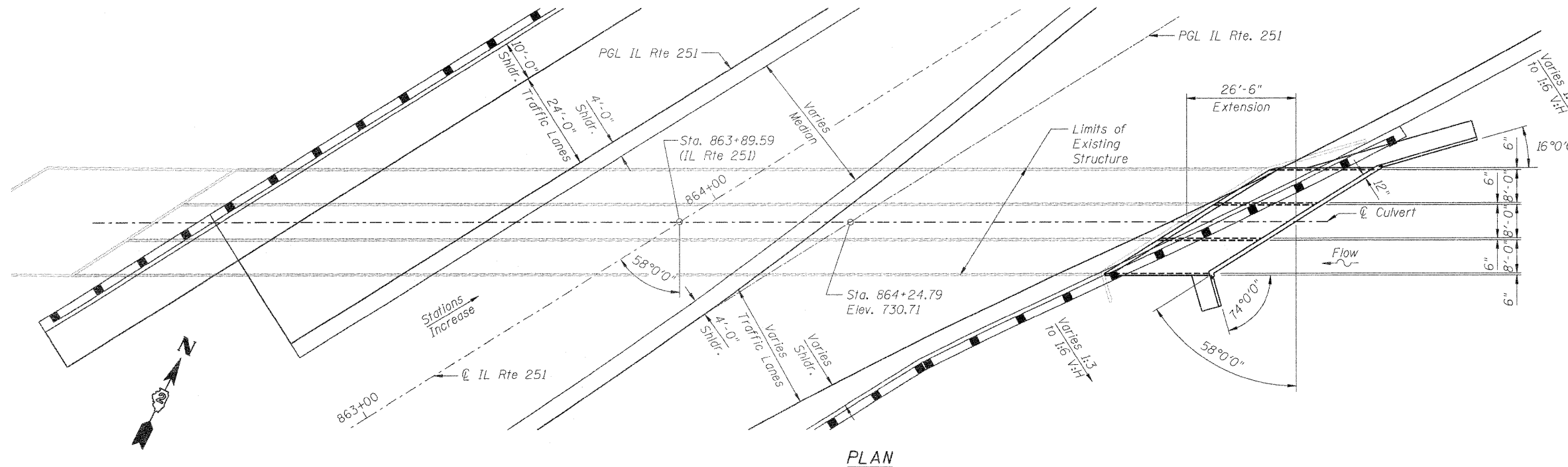
EXISTING DESIGN STRESSES

$f'_c = 1,400$ psi Walls & Top & Bott. Slab
 $f'_c = 1,000$ psi Wingwalls
 $f_s = 20,000$ psi (reinforcement)
 $n = 10$

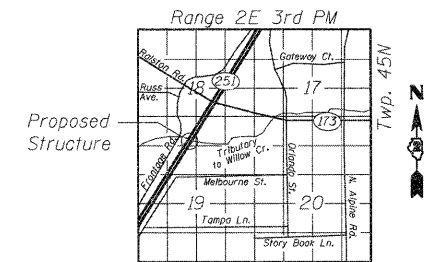


DESIGN SCOUR ELEVATION TABLE

Design Scour Elevation (ft.)	Upstream
	719.15

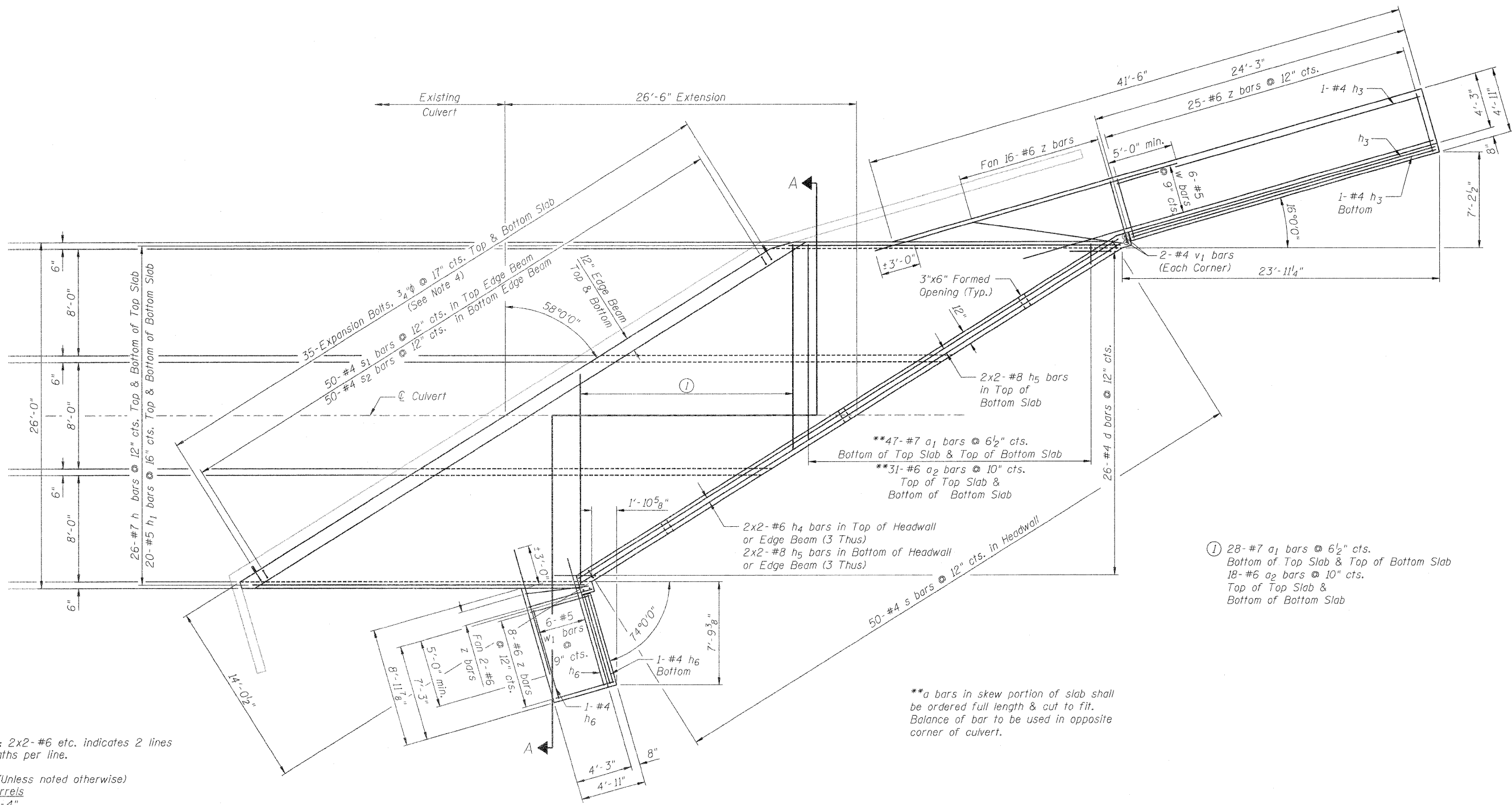


PROFILE GRADE
 (along PGL IL Rte. 251)



LOCATION SKETCH

FILE NAME = ...D264987-2004-001-GPE.dgn	USER NAME = SAW	DESIGNED - LAS	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN IL RTE 251 OVER WILLOW CREEK NORTH BRANCH	F.A.P. RTE. 303	SECTION 129K-1	COUNTY WINNEBAGO	TOTAL SHEETS 401	SHEET NO. 278
	PLOT SCALE = 0:2.0000 ' / IN.	DRAWN - SAW	REVISIONS -			S.N. 101-2004	CONTRACT NO. 64987			
	PLOT DATE = 11/28/2010	CHECKED - LAS	REVISIONS -			SHEET NO. 1 OF 4 SHEETS				
						ILLINOIS FED. AID PROJECT				



NOTES

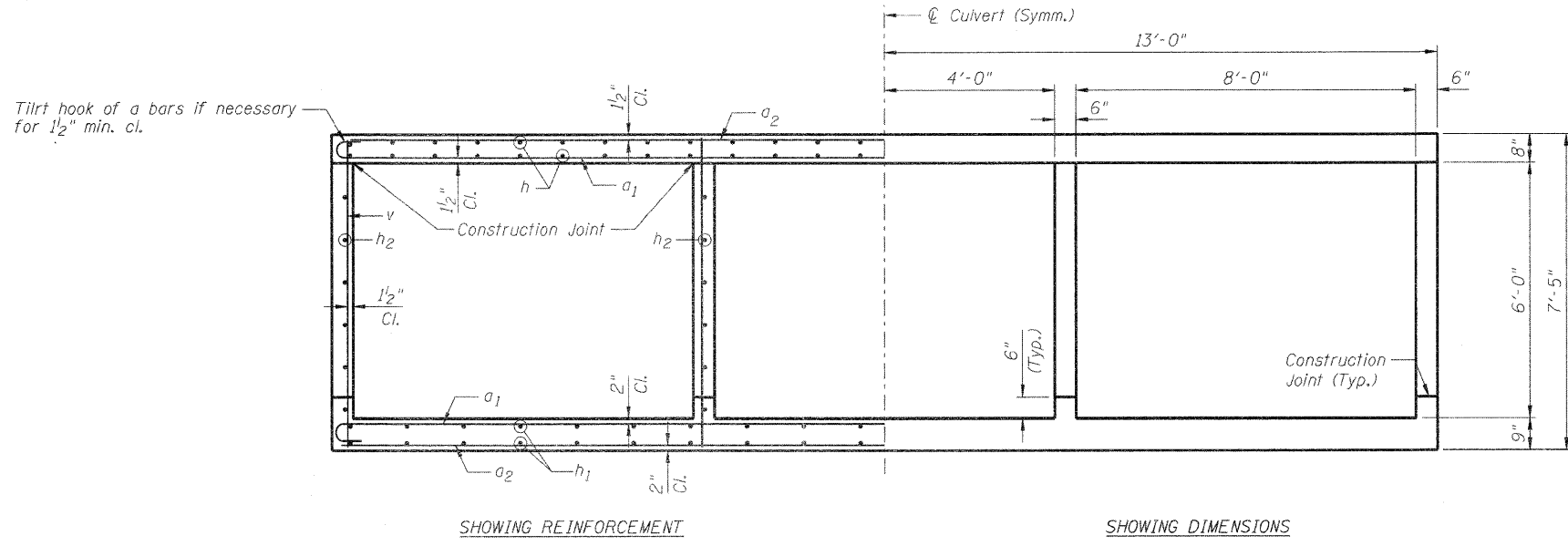
1. Bars indicated thus: 2x2-#6 etc. indicates 2 lines of bars with 2 lengths per line.
2. Minimum Bar Laps (Unless noted otherwise)

Barrels	
#4 bars	1'-4"
#5 bars	1'-8"
#6 bars	2'-0"
#8 bars	3'-8"
3. For Section A-A, see Sheet No. 3.
4. Expansion bolts shall be 3/4" hooked bolts and shall extend a minimum of 9" into new concrete.

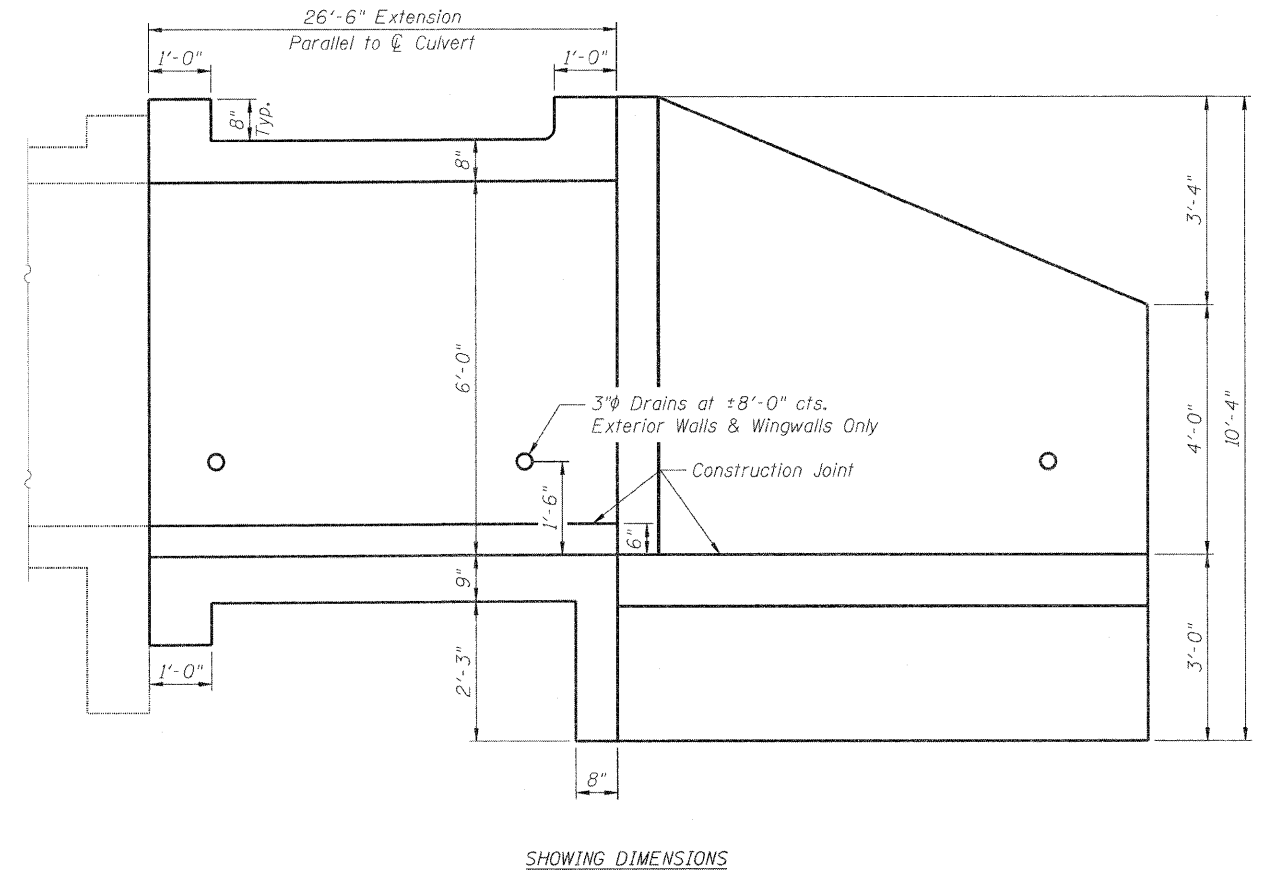
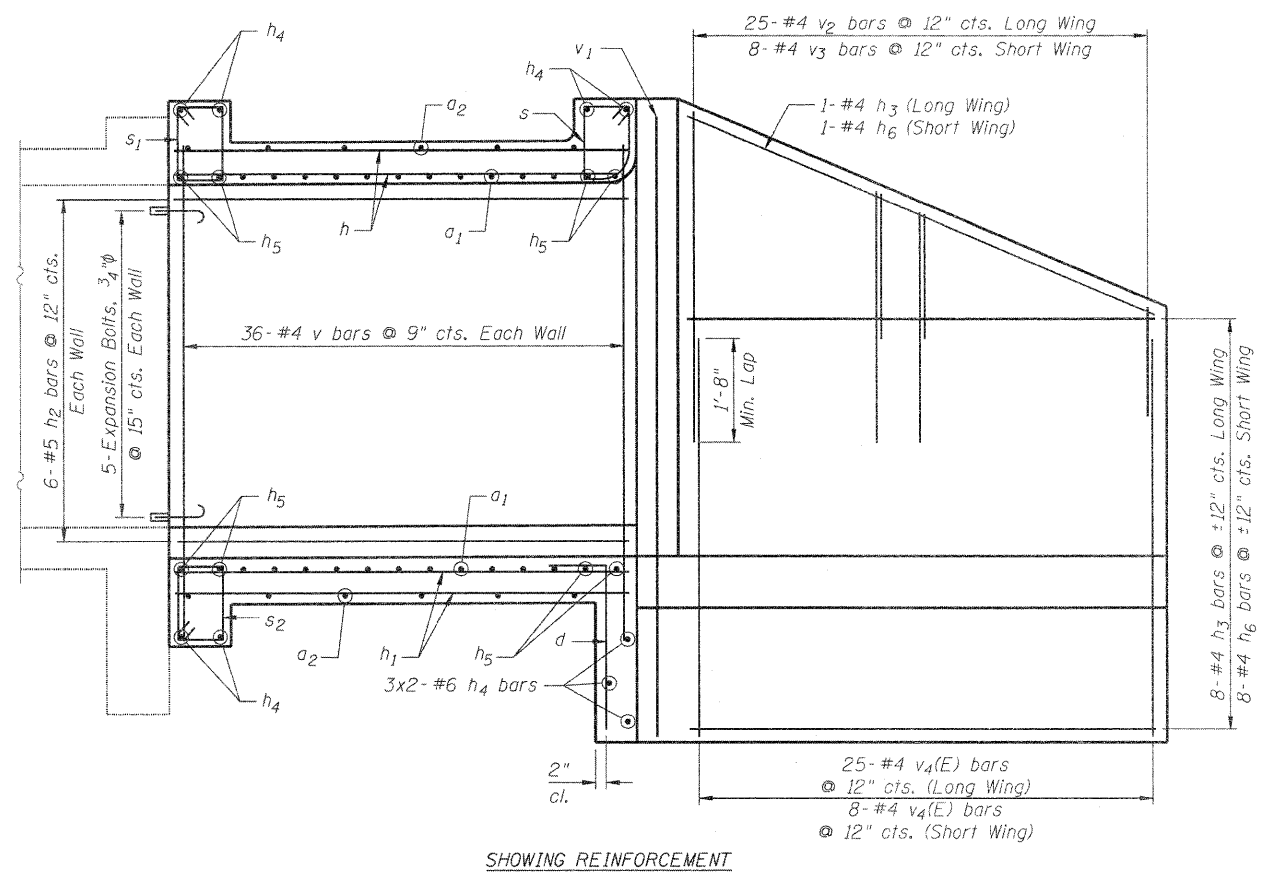
**a bars in skew portion of slab shall be ordered full length & cut to fit. Balance of bar to be used in opposite corner of culvert.

PLAN

FILE NAME = ...N0264987-2004-002-CulvertPlan.dgn	USER NAME = SAW	DESIGNED - LAS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BOX CULVERT PLAN IL RTE 251 OVER WILLOW CREEK NORTH BRANCH	F.A.P. RTE. 303	SECTION 129K-1	COUNTY WINNEBAGO	TOTAL SHEETS 40±	SHEET NO. 279	
PLOT SCALE = 0:2.0000 '1' / IN.						S.N. 101-2004 CONTRACT NO. 64987					
PLOT DATE = 11/1/2010						ILLINOIS FED. AID PROJECT					

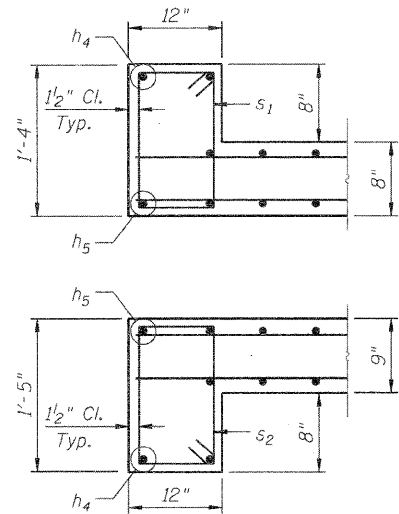


SECTION A-A

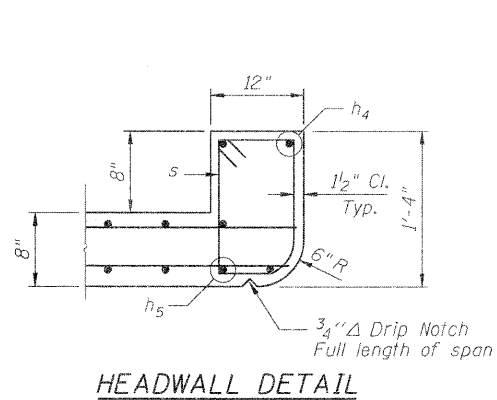


ELEVATION

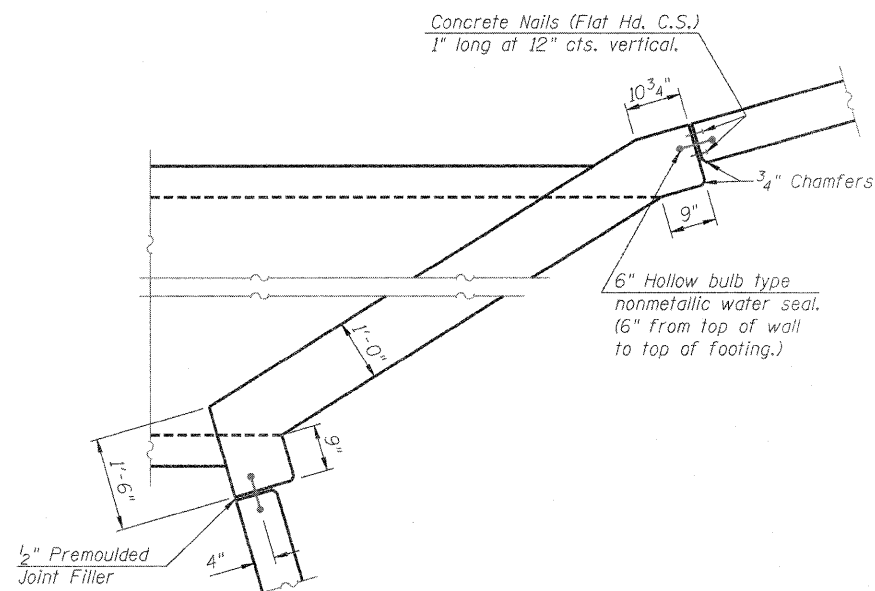
FILE NAME = ...ND264987-2004-003-CulvertSections.dgn	USER NAME = SAW	DESIGNED - LAS	REvised -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CULVERT SECTIONS IL RTE 251 OVER WILLOW CREEK NORTH BRANCH	F.A.P. RTE. 303	SECTION 129K-1	COUNTY WINNEBAGO	TOTAL SHEETS 40±	SHEET NO. 280	
PLOT SCALE = 0:2.0000 ' / IN.	DRAWN - SAW	CHECKED - PMM	REvised -			S.N. 101-2004		CONTRACT NO. 64987		ILLINOIS FED. AID PROJECT	
PLOT DATE = 11/1/2010	CHECKED - LAS	DRAWN - SAW	REvised -			SHEET NO. 3 OF 4 SHEETS					



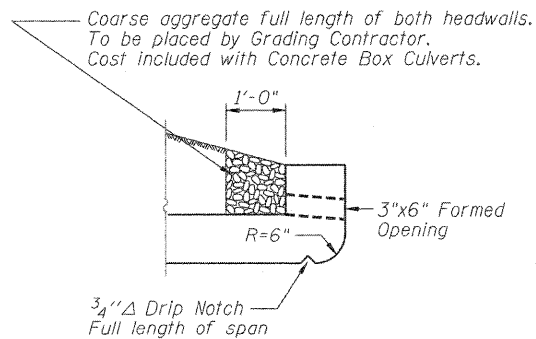
EDGE BEAM DETAILS



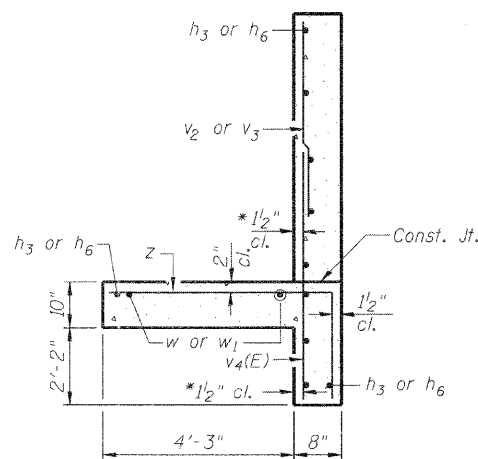
HEADWALL DETAIL



CORNER DETAIL

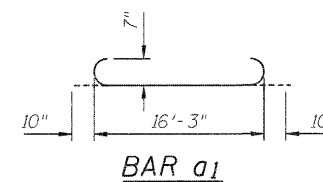


DRAIN DETAIL

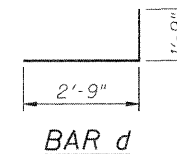


SECTION THRU WINGWALL

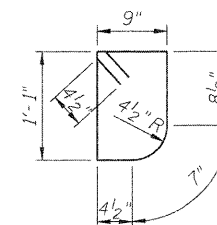
* v bars shall not be placed more than 1/2" cl. from back face of wingwall.
Max. Soil Pressure under footing = 2,479 psf



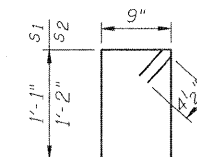
BAR a1



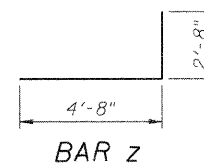
BAR d



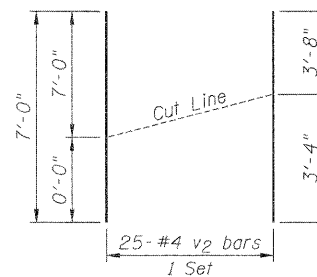
BAR s



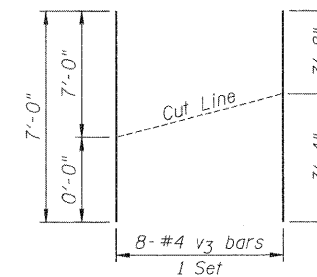
BAR s1 & s2



BAR z



BAR v2 CUT DIAGRAM



BAR v3 CUT DIAGRAM

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a ₁	150	#7	17'-11"	U
a ₂	98	#6	16'-3"	—
d	26	#4	4'-6"	L
h	52	#7	26'-2"	—
h ₁	40	#5	26'-2"	—
h ₂	24	#5	26'-3"	—
h ₃	10	#4	23'-11"	—
h ₄	18	#6	25'-7"	—
h ₅	16	#8	26'-4"	—
h ₆	10	#4	6'-11"	—
s	50	#4	4'-3"	U
s ₁	50	#4	4'-5"	U
s ₂	50	#4	4'-7"	U
v	144	#4	7'-1"	—
v ₁	4	#4	10'-0"	—
v ₂	25	#4	7'-0"	—
v ₃	8	#4	7'-0"	—
v ₄ (E)	33	#4	4'-8"	—
w	6	#5	29'-3"	—
w ₁	6	#5	11'-0"	—
z	51	#6	7'-4"	L
Item		Unit	Quantity	
Concrete Box Culverts		Cu. Yd.	67.0	
Reinforcement Bars		Pound	16,640	
Reinforcement Bars (Epoxy Coated)		Pound	110	
Expansion Bolts, 3/4"		Each	90	

Bench Mark #404: Headwall, chiseled square, existing IL 173 at Sta. 9+46.95, 37.97' Rt., Elev. 731.995

Existing Structure: S.N. 101-6502 was built in 1995 as a triple 6'x6' box culvert. The existing culvert is 88'-1" long along the stream centerline.

The road shall be closed during construction and traffic detoured.

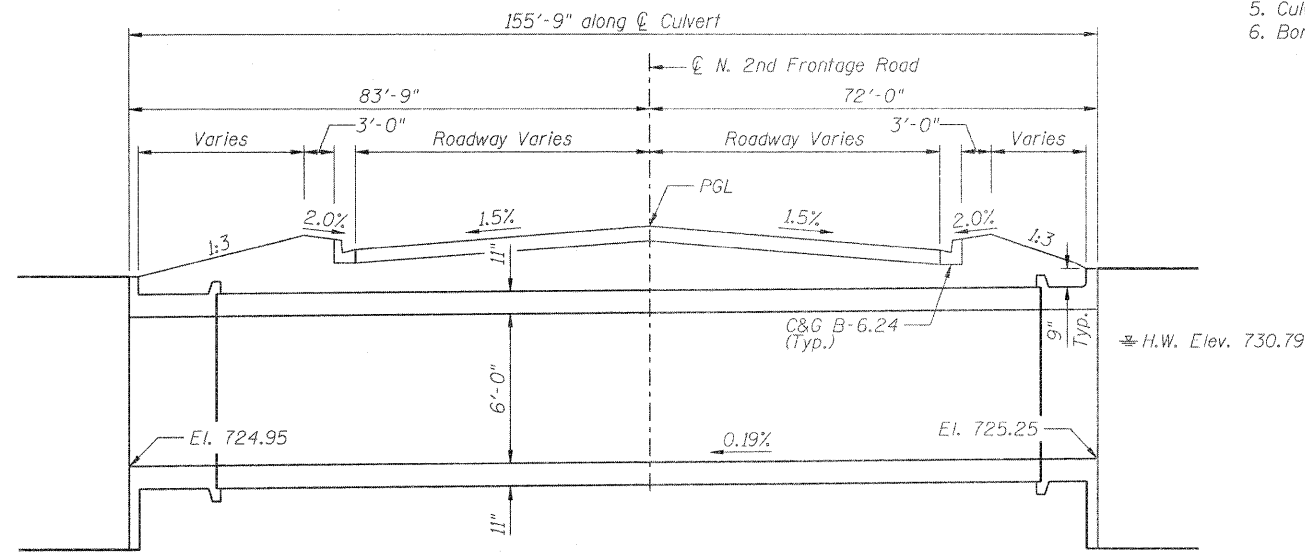
No Salvage.

INDEX OF SHEETS

1. General Plan
2. Box Culvert Plan
3. Box Culvert Reinforcement Plan
4. Culvert Sections
5. Culvert Details
6. Boring Logs

GENERAL NOTES

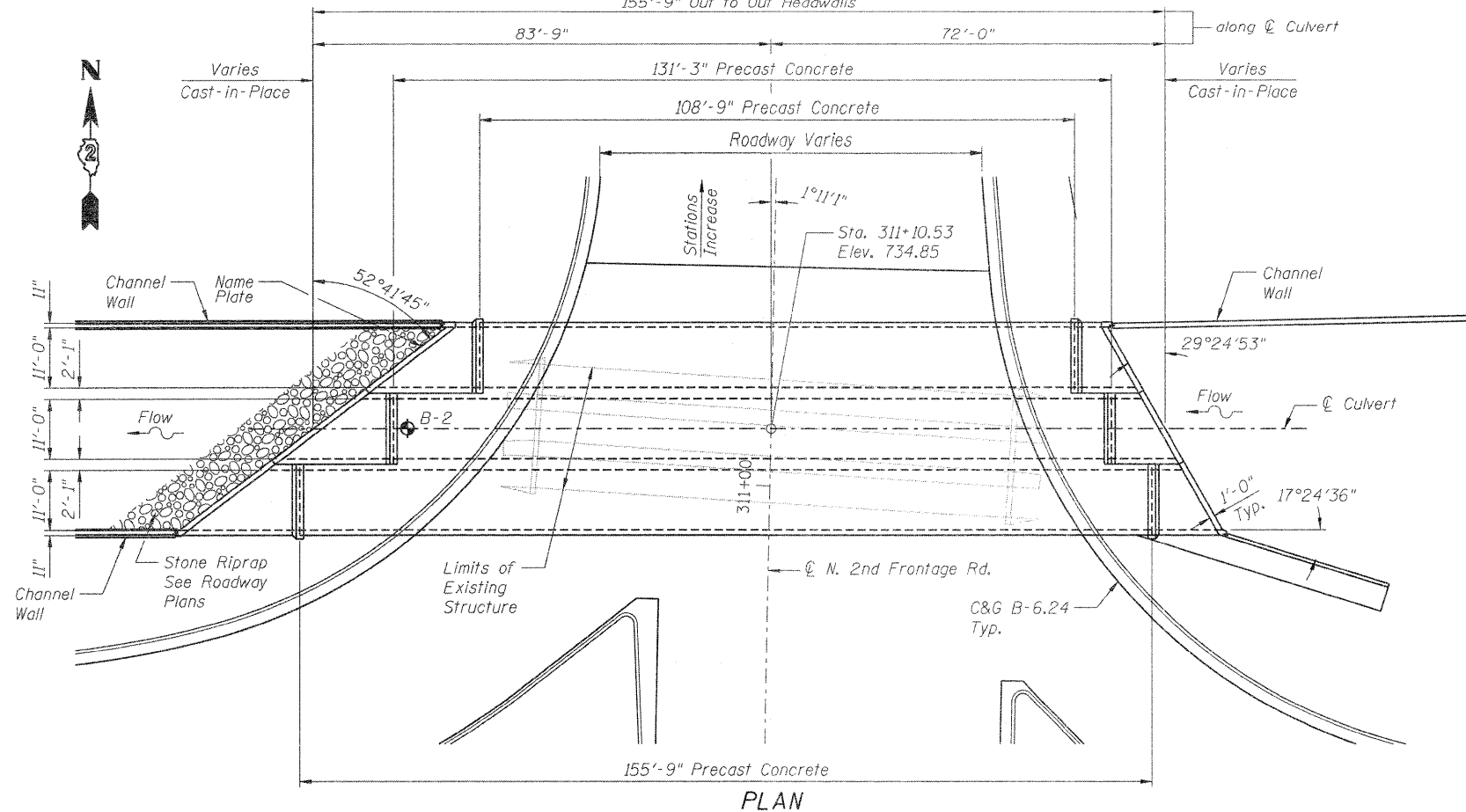
1. Precast Concrete Box Culvert sections shall conform to the requirements of Article 540.06 of the Standard Specifications and the applicable requirements of AASHTO M 273.
2. Reinforcement bars shall conform to the requirements of ASTM A 706 Grade 60 (IL Modified). See Special Provisions.
3. Reinforcement bars designated (E) shall be epoxy coated.
4. Lifting holes shall be filled with concrete plugs and mastic after box sections are in place.
5. Exposed edges shall have a 3/4" chamfer.



LONGITUDINAL SECTION

Vertical scale exaggerated for clarity

155'-9" Out to Out Headwalls



PLAN

LEGEND

Soil Boring Location

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Removal of Existing Structures No. 2	Each	1
Reinforcement Bars	Pound	22,490
Reinforcement Bars (Epoxy Coated)	Pound	110
Name Plates	Each	1
Concrete Box Culverts	Cu. Yd.	139.2
Precast Concrete Box Culvert 11'x6'	Foot	396

LOADING HS20-44

Allow 50#/sq. ft. for future wearing surface.
Design Fill Ht. < 2'

DESIGN SPECIFICATIONS

2002 AASHTO

DESIGN STRESSES

PRECAST

f'c = 5,000 psi
fy = 65,000 psi (welded wire fabric)

CAST-IN-PLACE

f'c = 3,500 psi
fy = 60,000 psi (reinforcement)

WATERWAY INFORMATION

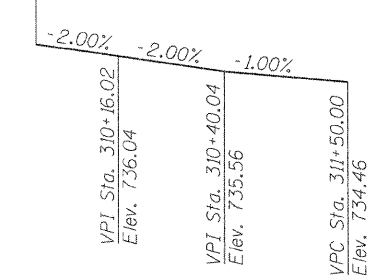
Flood	Freq. Year	Q cfs	Opening Sq. Ft.		Natural H.W.E.		Head - Foot*		Headwater Elev. (ft)	
			Existing	Proposed	Existing	Proposed	Existing	Proposed	Existing	Proposed
Design	50	958	87/46	162	731.05	730.79	2.61	0	733.7	730.8
Base	100	1130	93/163	177	731.39	731.24	2.65	0	734.0	731.2
Overtopping	30	810	79		730.60		2.50		733.1	
Max. Calc.	500	1580	103/433	198	732.19	732.32	2.24	0	734.4	732.3

10-Year Velocity through Existing Structure = 7.5 fps
10-Year Velocity through Proposed Structure = 6.7 fps
*Includes backwater from downstream IL 173 culvert

DESIGN SCOUR ELEVATION TABLE

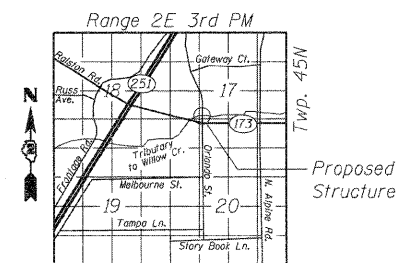
Design Scour Elevation (ft.)	Upstream	Downstream
	722.50	722.20

Sta. 310+00 @ N. 2nd Frontage Rd.

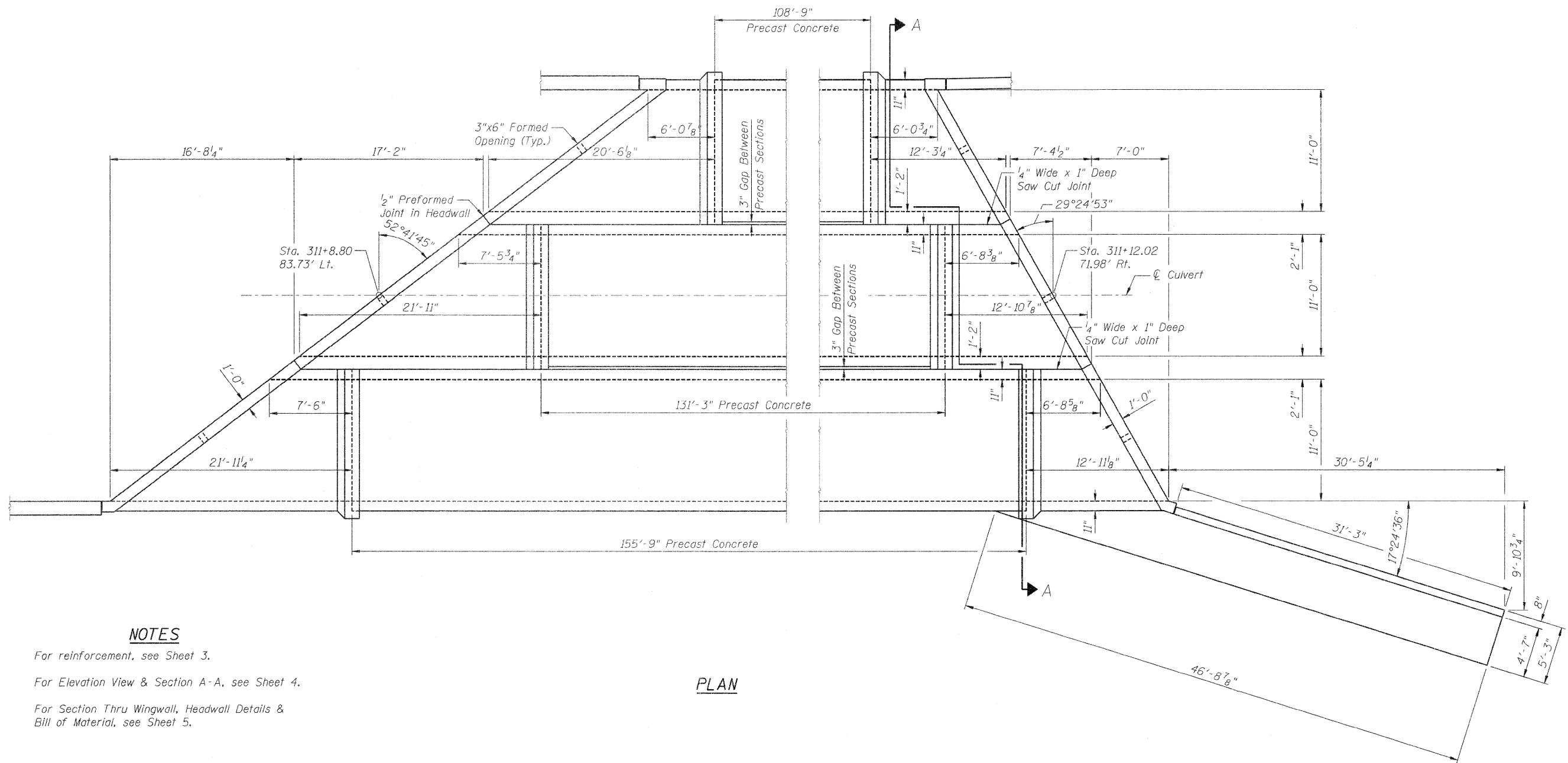


PROFILE GRADE

(along @ N. 2nd Frontage Rd.)



LOCATION SKETCH

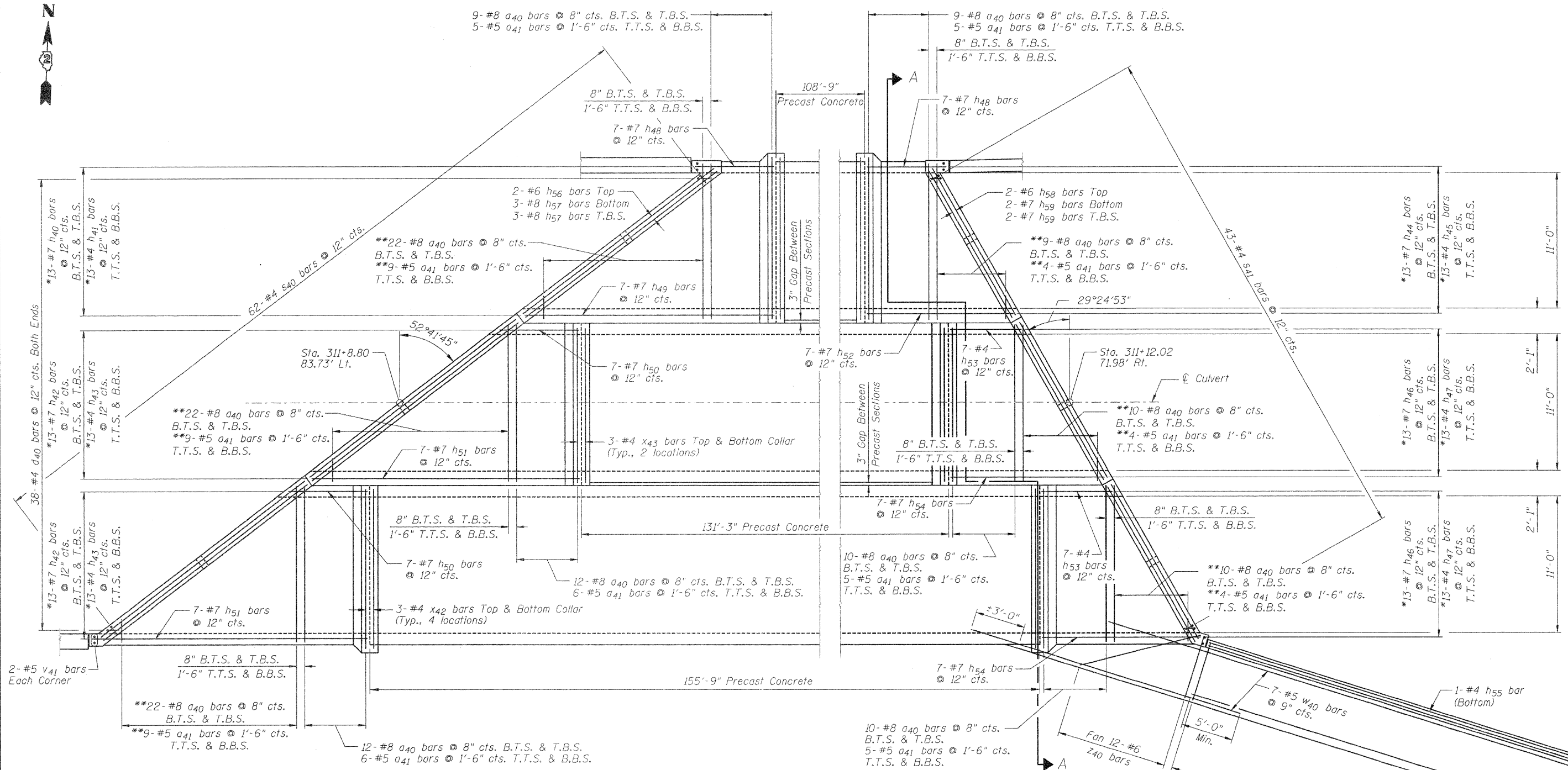


NOTES

- For reinforcement, see Sheet 3.
- For Elevation View & Section A-A, see Sheet 4.
- For Section Thru Wingwall, Headwall Details & Bill of Material, see Sheet 5.

PLAN

FILE NAME = ...N0264987-2052-002-Culvert-1p1en.dgn	USER NAME = SAW	DESIGNED - JLA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BOX CULVERT PLAN N. 2ND FRONTAGE ROAD OVER WILLOW CREEK TRIBUTARY	F.A.P. RTE. 303	SECTION 129K-1	COUNTY WINNEBAGO	TOTAL SHEETS 401	SHEET NO. 283
PLOT SCALE = 0:2.00000 ' / IN.	DRAWN - SAW	REVISED -	S.N. 101-2052			CONTRACT NO. 64987				
PLOT DATE = 10/29/2010	CHECKED - JLA	REVISED -	ILLINOIS FED. AID PROJECT							
SHEET NO. 2 OF 6 SHEETS										

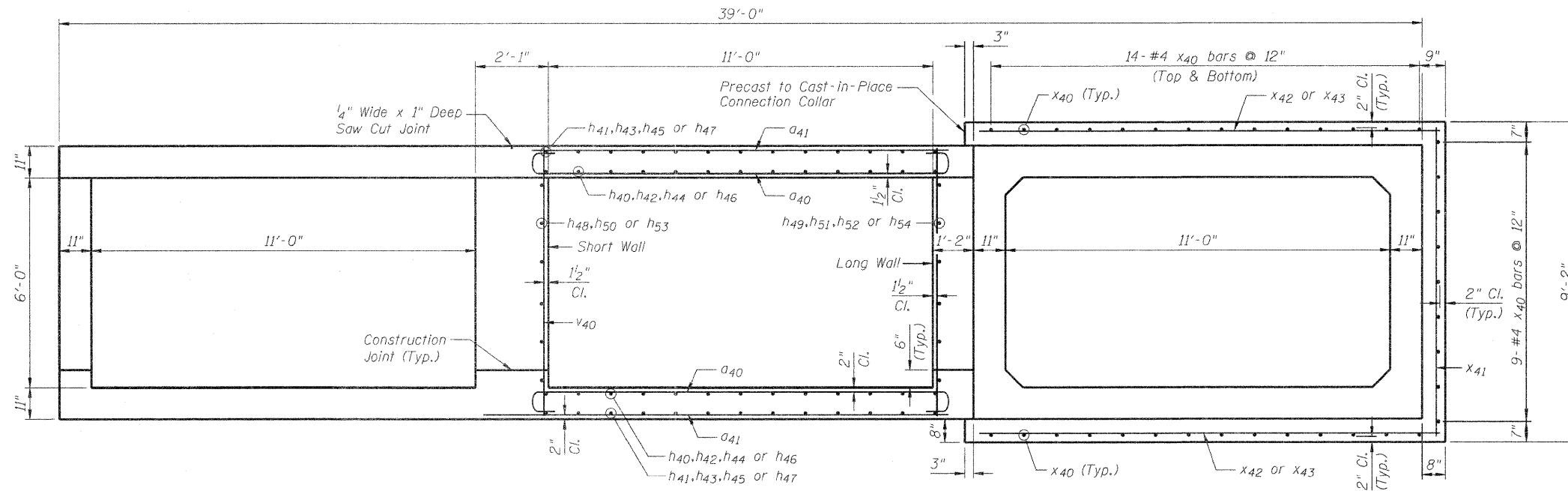


NOTES

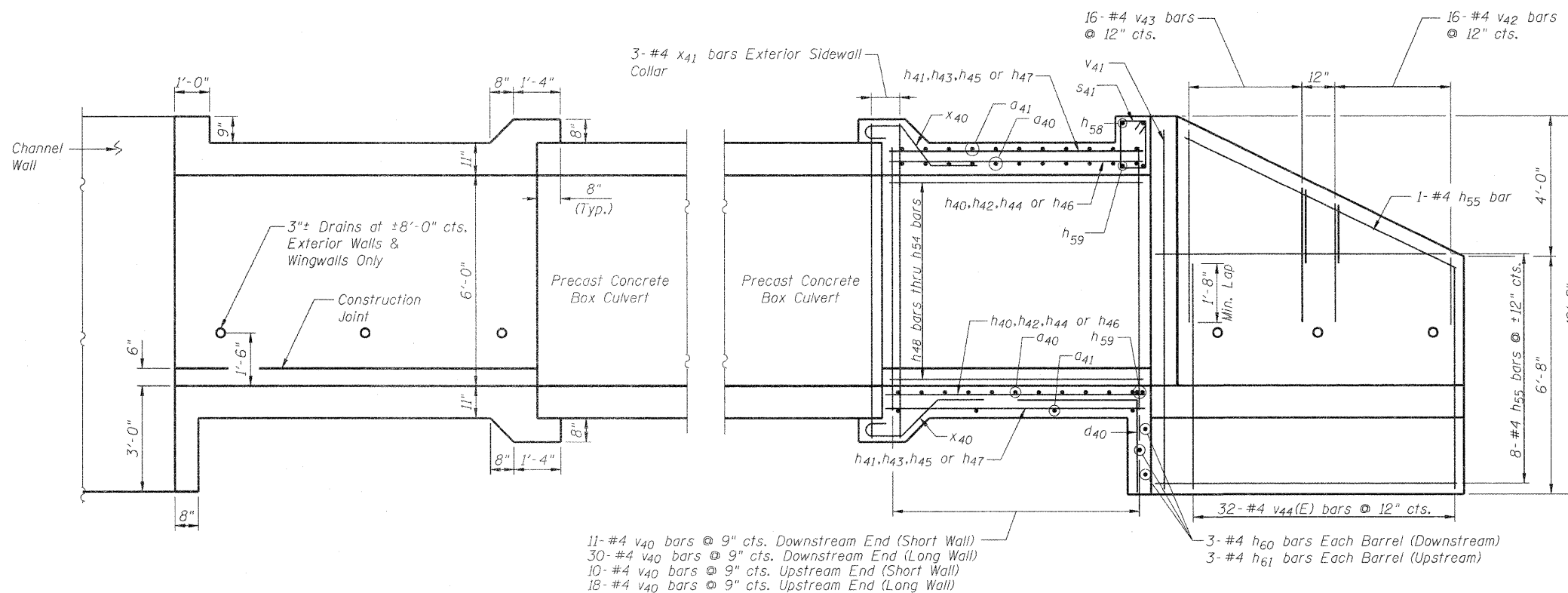
- * Cut bars and use in bottom slab
See Cut Diagram on Sheet 5.
 - ** #8 and #5 bars in skew portion of slab shall be ordered full length for Top Slab & cut to fit. Balance of bar to be used in Bottom Slab
- For Elevation View & Section A-A, see Sheet 4.
For Section Thru Wingwall, Headwall Details & Bill of Material, see Sheet 5.

B.T.S. = Bottom of Top Slab
T.T.S. = Top of Top Slab
B.B.S. = Bottom of Bottom Slab
T.B.S. = Top of Bottom Slab

FILE NAME = ...D264987-2052-003-CulvertReinforcementPlan.dgn	USER NAME = SAW	DESIGNED - JLA	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BOX CULVERT REINFORCEMENT PLAN N. 2ND FRONTAGE ROAD OVER WILLOW CREEK TRIBUTARY	F.A.P. RTE. = 303	SECTION = 129K-1	COUNTY = WINNEBAGO	TOTAL SHEETS = 401	SHEET NO. = 284	
PLOT SCALE = 0:2.0000 1' / IN.	DRAWN - SAW	CHECKED - PMM	REVISIONS -			S.N. 101-2052		CONTRACT NO. 64987			
PLOT DATE = 10/29/2010	CHECKED - JLA	DRAWN - SAW	REVISIONS -			SHEET NO. 3 OF 6 SHEETS					
						ILLINOIS FED. AID PROJECT					



SECTION A-A



ELEVATION

Note: Tilt hook of a₄₀ bars if necessary for 1/2" min. clr.

FILE NAME = ...D264967-2052-004-CulvertSections.dgn	USER NAME = SAW	DESIGNED - JLA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CULVERT SECTIONS N. 2ND FRONTAGE ROAD OVER WILLOW CREEK TRIBUTARY	F.A.P. RTE. 303	SECTION 129K-1	COUNTY WINNEBAGO	TOTAL SHEETS 401	SHEET NO. 285
PLOT SCALE = 0:2.0000 '1' / IN.	DRAWN - SAW	REVISIONS -	S.N. 101-2052			CONTRACT NO. 64987				
PLOT DATE = 10/29/2010	CHECKED - JLA	REVISIONS -	SHEET NO. 4 OF 6 SHEETS							
ILLINOIS FED. AID PROJECT										

BORING LOG B-2



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation 0-3

SOIL BORING LOG

Page 1 of 1

Date 1/24/05

ROUTE FAP 303 DESCRIPTION P92-123-00 IL 173 Box Culvert, 700' E. of IL 251, Machesney Park LOGGED BY W. Garza
SECTION 129R LOCATION Harlem Twp. - 20 NW. SEC. TWP. 45N. RNG. 2E
COUNTY Winnebago DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.	Station	DEPTH	DESCRIPTION	DEPTH	DESCRIPTION
			Surface Water Elev. 91.20 ft		
			Stream Bed Elev. 91.20 ft		
BORING NO. B-2	Station 2154+93		Groundwater Elev.:		
	Offset 89.00 ft LT CL		First Encounter 77.4 ft		
	Ground Surface Elev. 94.40 ft		Upon Completion 76.4 ft		
			After Hrs.		
MEDIUM brown SAND			MEDIUM tan SAND & GRAVEL (continued)		
	92.90			73.40	11
LOOSE/MEDIUM brown/tan SAND & GRAVEL		6	MEDIUM tan fine SAND		4
	90.90	4		70.90	6
		6			7
LOOSE tan SAND & GRAVEL		3	LOOSE tan fine SAND		2
	88.40	4		68.40	3
		4			6
LOOSE tan SAND & GRAVEL		1	MEDIUM tan clean medium SAND		6
	85.90	2		65.90	10
		3			12
LOOSE/VERY LOOSE tan clean medium SAND, moist		1	Wash		4
	83.40	2	LOOSE/MEDIUM tan clean medium SAND		4
		2		63.40	6
LOOSE tan clean medium SAND, moist		3	End of Boring		
	80.90	3			
		5			
MEDIUM tan clean medium SAND, dry		5			
	78.40	6			
		5			
LOOSE tan SAND & GRAVEL		3			
	75.90	4			
		4			
MEDIUM tan SAND & GRAVEL		9			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)

FILE NAME = ... \D264987-2052-006-BorInglLog.dgn	USER NAME = SAW	DESIGNED - JLA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING LOG N. 2ND FRONTAGE ROAD OVER WILLOW CREEK TRIBUTARY	F.A.P. RTE. 303	SECTION 129K-1	COUNTY WINNEBAGO	TOTAL SHEETS 40+	SHEET NO. 287	
	PLOT SCALE = 0:2.0000' / 1IN.	CHECKED - PMM	REVISED -			S.N. 101-2052		CONTRACT NO. 64987		ILLINOIS FED. AID PROJECT	
	PLOT DATE = 10/29/2010	DRAWN - SAW	REVISED -			SHEET NO. 6 OF 6 SHEETS					
		CHECKED - JLA	REVISED -								

CATCH BASIN OR INLETS TO BE ADJUSTED OR RECONSTRUCTED (DETAILS FOR CURB & GUTTER REPLACEMENT)

CONCRETE CURB AND GUTTER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 606 OF THE STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, STANDARD 606001 AND THIS DRAWING.

CLASS SI CONCRETE SHALL BE USED THROUGHOUT. A HOLE 40 (1 1/2) IN DIAMETER AND 225 (9) DEEP SHALL BE DRILLED IN THE EXISTING CONCRETE CURB AS SHOWN. A 32x450 (1 1/4 X 18) SMOOTH DOWEL BAR SHALL BE GROUTED IN THE HOLE LONGITUDINALLY.

JOINTS OF A TYPE SIMILAR TO THAT IN THE UNDERLYING PAVEMENT (EXPANSION OR CONTRACTION) SHALL BE INSTALLED IN THE CONCRETE CURB IN ALIGNMENT WITH THE JOINTS IN THE PAVEMENT.

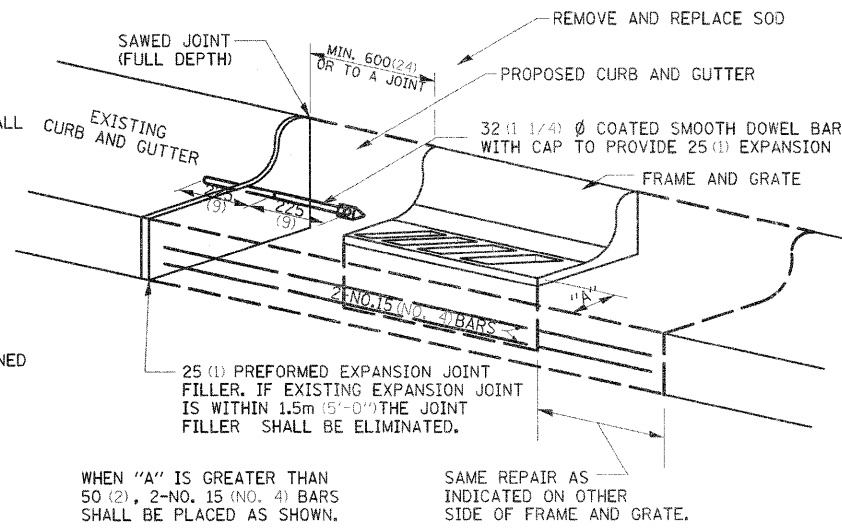
THE PROPOSED CONFIGURATION OF THE CURB AND GUTTER SHALL MATCH THAT REMOVED.

THE LOCATION OF THE DOWEL BAR SHALL BE DETERMINED BY THE ENGINEER.

ALL EXISTING TIE BARS IN EDGE OF PAVEMENT SLAB THRU REPLACEMENT AREA SHALL BE CUT OFF.

THE WORK SHALL BE DONE IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS AND INCLUDES THE REMOVAL AND REPLACEMENT OF SOD, CONCRETE PAVEMENT AND/OR CURB AND GUTTER ADJACENT TO CATCH BASINS OR INLETS TO BE ADJUSTED OR RECONSTRUCTED AND SHALL BE INCLUDED IN THE PAY ITEM OF CATCH BASINS OR INLETS TO BE ADJUSTED OR RECONSTRUCTED AS SPECIFIED.

REVISED - 9-07-10

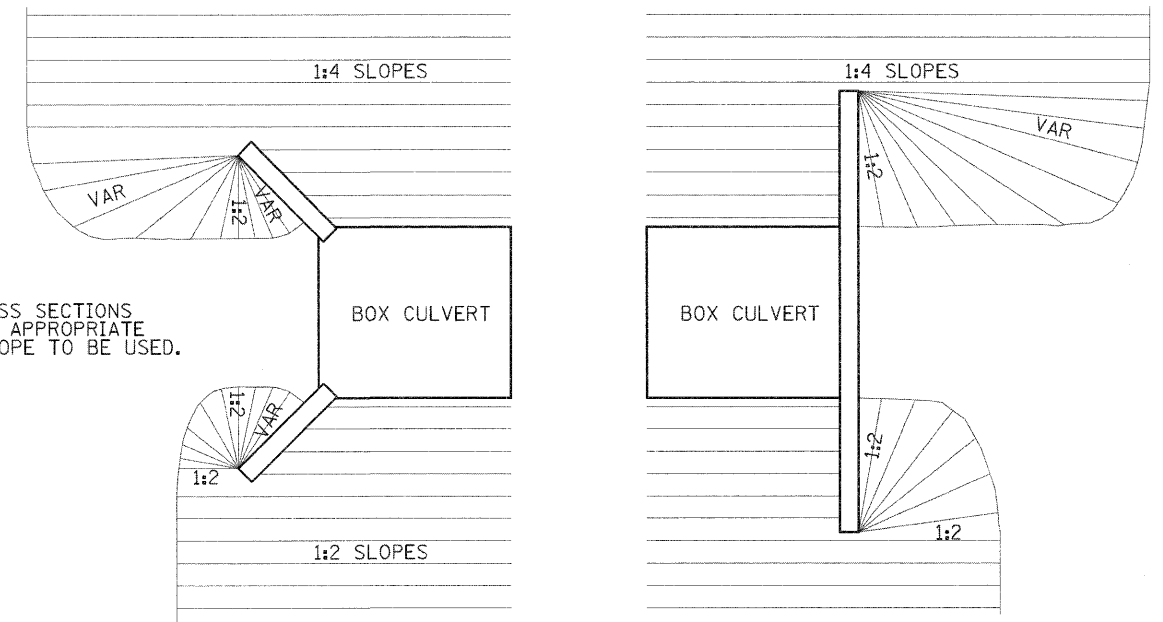


ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

CATCH BASIN OR INLETS TO BE ADJUSTED OR RECONSTRUCTED

17.4

GRADING AROUND WINGWALLS



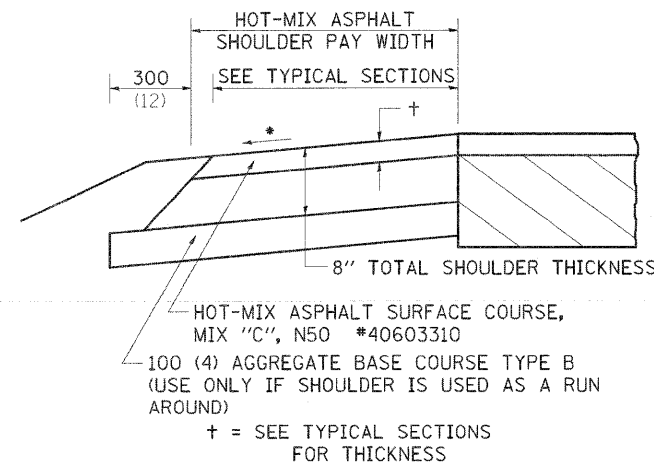
NOTES:
SEE CROSS SECTIONS FOR THE APPROPRIATE FRONTSLOPE TO BE USED.

5-27-09

GRADING AROUND WINGWALLS

20.4

HOT-MIX ASPHALT SHOULDER



GENERAL NOTES

THE HOT-MIX ASPHALT SHOULDER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 482 EXCEPT THE TOP LIFT SHALL BE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 *40603310. THE WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 *40603310 AND SQUARE YARD FOR HOT-MIX ASPHALT SHOULDERS OF THE THICKNESS SPECIFIED.

USE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 *40603310. WHEN RESURFACING EXISTING HOT-MIX ASPHALT SHOULDERS, THE THICKNESS IS SHOWN ON THE TYPICAL SECTIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 *40603310.

REMOVAL OF MATERIAL FOR PLACEMENT OF THE HOT-MIX ASPHALT SHOULDER TO BE PAID FOR IN UNITS FOR EXCAVATING AND GRADING EXISTING SHOULDERS OR IN CUBIC YARDS FOR EARTH EXCAVATION OR EARTH EXCAVATION WIDENING.

* 4% WHEN MAINLINE IS ON TANGENT. FOR CROSS SLOPE ON SUPERELEVATION SECTION, SEE HIGHWAY STANDARD 482001 OR 482006.

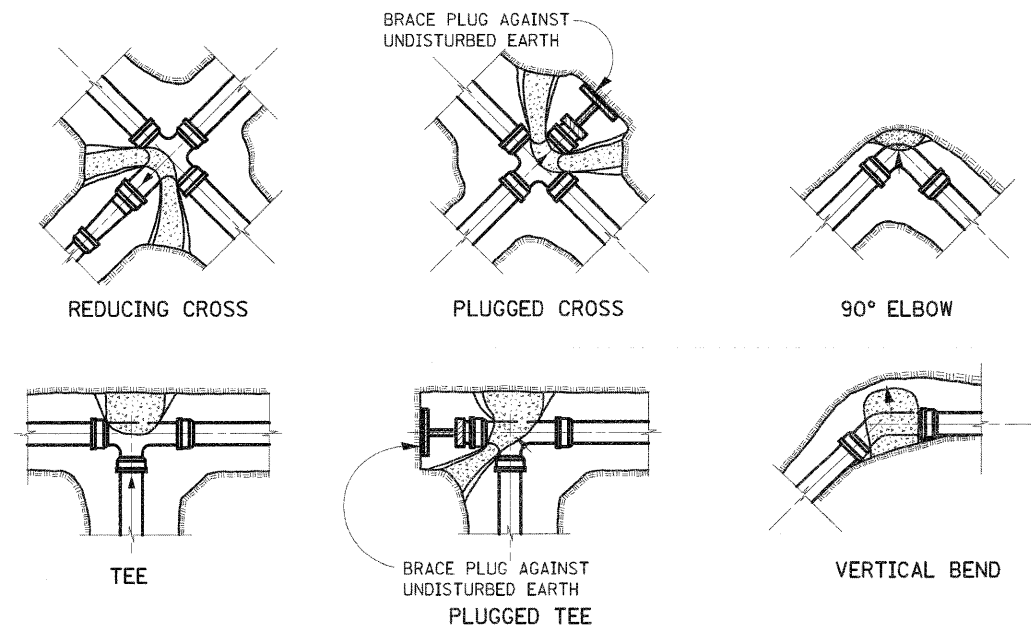
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

REVISED - 11-01-07

HOT-MIX ASPHALT SHOULDER

23.4a

THRUST BLOCK DETAILS



NOTES:
ALL BLOCKS TO BEAR AGAINST UNDISTURBED EARTH. ARROWS INDICATE DIRECTION OF THRUST.
ALL BLOCKS TO BE CLASS SI CONCRETE.
ALL FITTINGS SHOWN IN PLAN EXCEPT VERTICAL BEND.

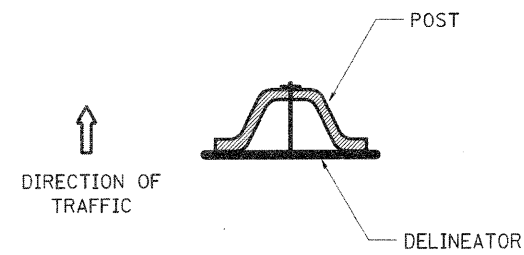
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

REVISED - 10-20-87	REGION 2 / DISTRICT 2 STANDARD		F.A.P. RTE. 303	SECTION 129K-1	COUNTY WINNEBAGO	TOTAL SHEETS 401	SHEET NO. 288
REVISED -	SCALE: 100,000 1" = 100'	SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				
REVISED -			CONTRACT NO. 64987				

THRUST BLOCK DETAILS

34.4

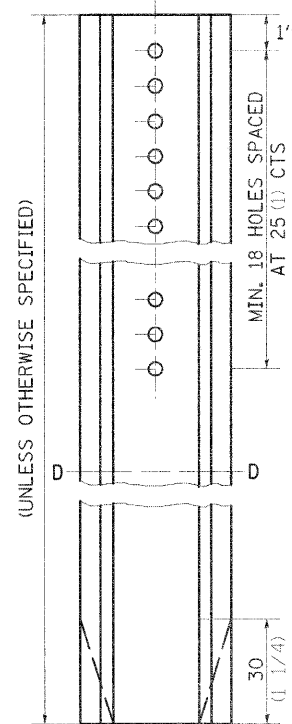
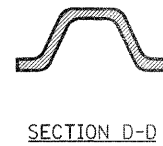
DELINEATOR AND POST ORIENTATION



DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180°. THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE DELINEATOR ATTACHED AS SHOWN ABOVE.

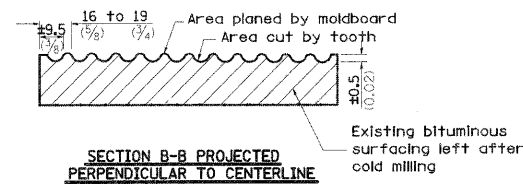
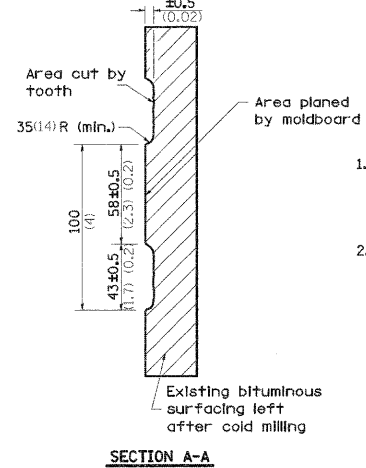
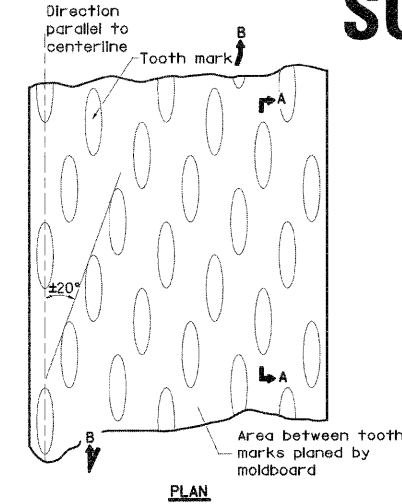
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

REVISED - 11-01-07



DELINEATOR AND POST ORIENTATION 37.4

REQUIRED COLD MILLED SURFACE TEXTURE



NOTES

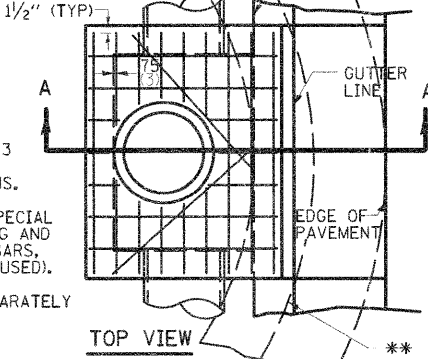
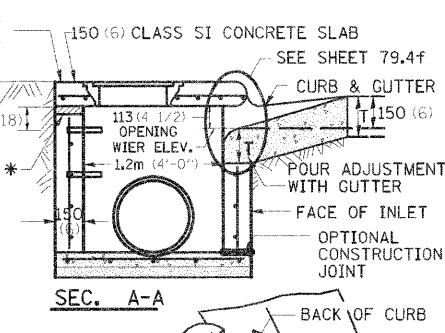
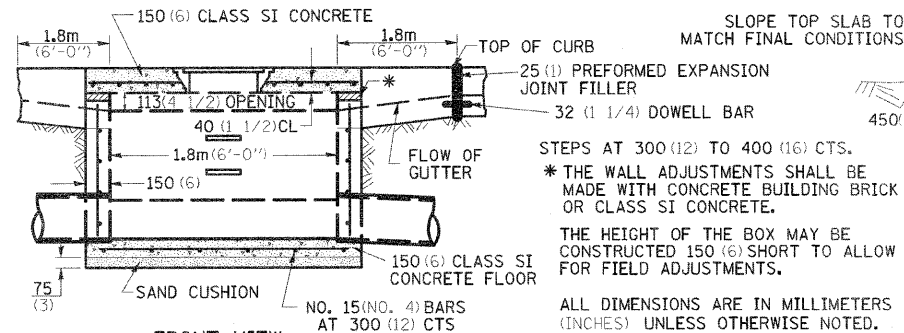
1. Cold Milling shall consist of two processes: Cutting with carbide teeth mounted on a rotating drum, and planing with a moldboard mounted immediately behind the cutting drum.
2. Other similar patterns will be acceptable if they consist of a smooth, flat, planed surface interspersed with a pattern of discontinuous longitudinal striations.

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

REVISED - 5-01-96

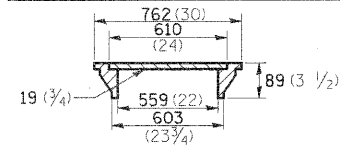
REQUIRED COLD MILLED SURFACE TEXTURE 43.4

INLET SPECIAL NO. 3



SEE STANDARD 602701 FOR DETAILS OF STEPS. 25 (1) PREFORMED EXPANSION JOINTS AS SHOWN SHALL BE PROVIDED ON EACH SIDE OF INLET. CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT. THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTAL SECTIONS. REINFORCEMENT FOR INLET SPECIAL NO. 3 SHALL BE ACCORDING TO DISTRICT STANDARD 79.4g

LIGHT WEIGHT MANHOLE CASTING



TOTAL WEIGHT 73 KG. (160 LBS.)

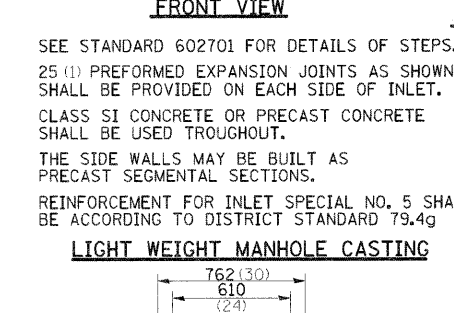
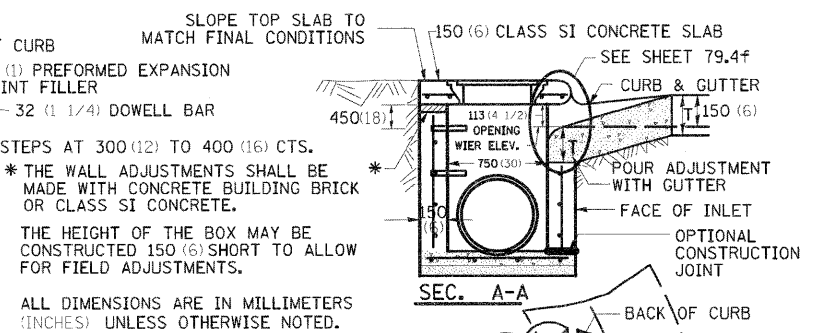
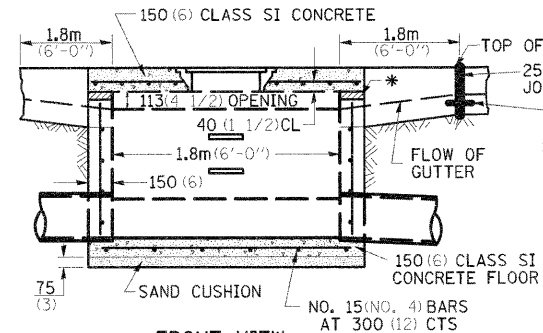
REVISED - 10-01-10

NOTES
 STEPS SHALL BE OMITTED WHEN DEPTH OF INLET IS LESS THAN 1.5 m (5 ft.).
 THE INLET SHALL BE CAST IN PLACE OR PRECAST.
 EXCEPT AS NOTED HEREON INLET SPECIAL NO. 3 SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.
 THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL NO. 3 SHALL INCLUDE THE COST OF FURNISHING AND INSTALLING THE FRAME, LID, REINFORCEMENT BARS, FLOOR AND TOP SLABS, CAST IRON STEPS (IF USED).
 THE CURB AND GUTTER WILL BE PAID FOR SEPARATELY AND WILL BE MEASURED THROUGH THE INLET.
 THE CURB AND GUTTER ADJACENT TO AND 1.8m (6 FT) ON EITHER SIDE OF THE INLET SHALL BE CONSTRUCTED AS SHOWN WITH NO ADDITIONAL COMPENSATION FOR THE TRANSITION.

** WHEN INLET IS CONSTRUCTED IN RETURN, THE TOP OF SLAB SHALL CONFORM TO THE RADIUS OF THE RETURN.

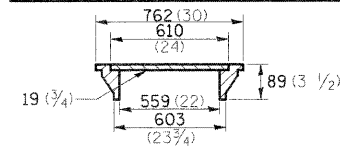
INLET SPECIAL NO. 3 79.4

INLET SPECIAL NO. 5



SEE STANDARD 602701 FOR DETAILS OF STEPS. 25 (1) PREFORMED EXPANSION JOINTS AS SHOWN SHALL BE PROVIDED ON EACH SIDE OF INLET. CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT. THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTAL SECTIONS. REINFORCEMENT FOR INLET SPECIAL NO. 5 SHALL BE ACCORDING TO DISTRICT STANDARD 79.4g

LIGHT WEIGHT MANHOLE CASTING



TOTAL WEIGHT 73 KG. (160 LBS.)

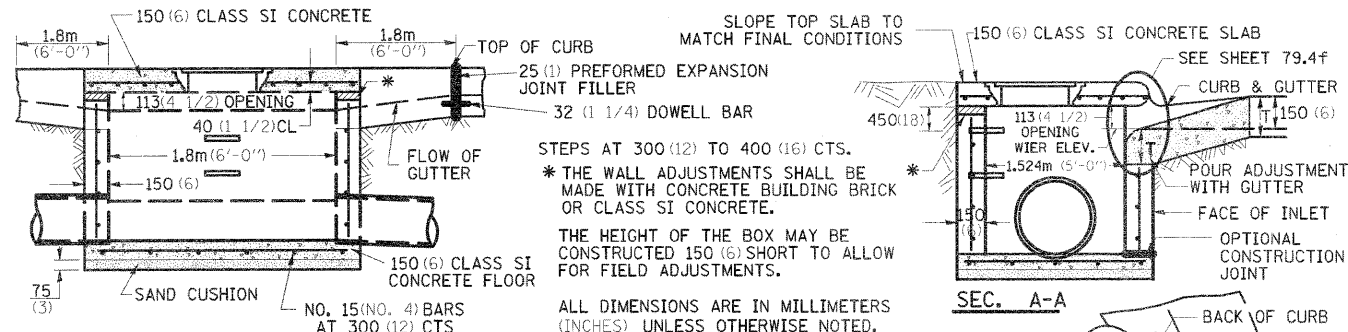
NOTES
 STEPS SHALL BE OMITTED WHEN DEPTH OF INLET IS LESS THAN 1.5 m (5 ft.).
 THE INLET SHALL BE CAST IN PLACE OR PRECAST.
 EXCEPT AS NOTED HEREON INLET SPECIAL NO. 5 SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.
 THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL NO. 5 SHALL INCLUDE THE COST OF FURNISHING AND INSTALLING THE FRAME, LID, REINFORCEMENT BARS, FLOOR AND TOP SLABS, CAST IRON STEPS (IF USED).
 THE CURB AND GUTTER WILL BE PAID FOR SEPARATELY AND WILL BE MEASURED THROUGH THE INLET.
 THE CURB AND GUTTER ADJACENT TO AND 1.8m (6 FT) ON EITHER SIDE OF THE INLET SHALL BE CONSTRUCTED AS SHOWN WITH NO ADDITIONAL COMPENSATION FOR THE TRANSITION.

** WHEN INLET IS CONSTRUCTED IN RETURN, THE TOP OF SLAB SHALL CONFORM TO THE RADIUS OF THE RETURN.

REVISED - 10-01-10	REGION 2 / DISTRICT 2 STANDARD			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS		
REVISED -				303	129K-1	WINNEBAGO	401	289	
REVISED -							CONTRACT NO. 64987		
REVISED -							FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT		
REVISED -				SCALE: 100,0000 1/16"	SHEET NO.	OF SHEETS	STA.	TO STA.	

INLET SPECIAL NO. 5 79.4b

INLET SPECIAL NO. 7



FRONT VIEW

NOTES

SEE STANDARD 602701 FOR DETAILS OF STEPS. 25(1) PREFORMED EXPANSION JOINTS AS SHOWN SHALL BE PROVIDED ON EACH SIDE OF INLET. CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT. THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTAL SECTIONS. REINFORCEMENT FOR INLET SPECIAL NO. 7 SHALL BE ACCORDING TO DISTRICT STANDARD 79.4h

LIGHT WEIGHT MANHOLE CASTING

762(30)
610(24)
19(3/4)
559(22)
603(23 3/4)
89(3 1/2)

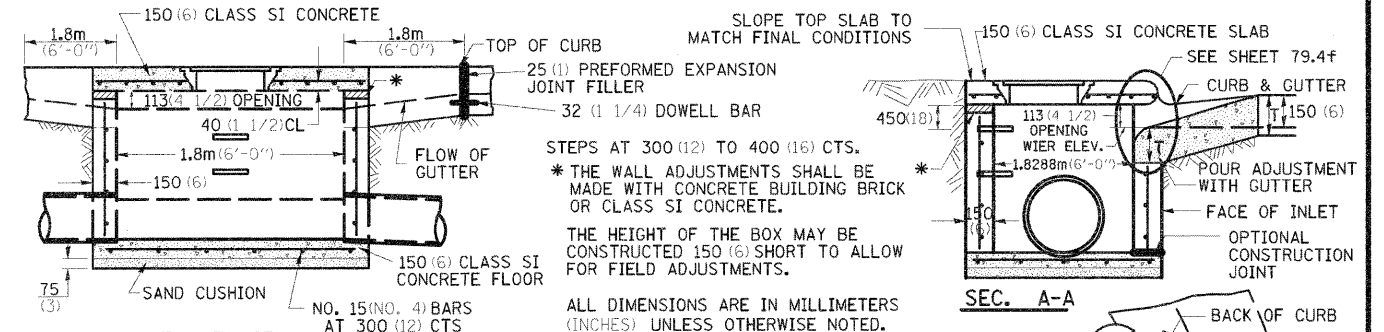
TOTAL WEIGHT 73 KG. (160 LBS.)
REVISED - 9-29-10

STEPS AT 300(12) TO 400(16) CTS. * THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE. THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 150(6) SHORT TO ALLOW FOR FIELD ADJUSTMENTS. ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

THE INLET SHALL BE CAST IN PLACE OR PRECAST. EXCEPT AS NOTED HEREON INLET SPECIAL NO. 7 SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS. THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL NO. 7 SHALL INCLUDE THE COST OF FURNISHING AND INSTALLING THE FRAME, LID, REINFORCEMENT BARS, FLOOR AND TOP SLABS, CAST IRON STEPS (IF USED). THE CURB AND GUTTER WILL BE PAID FOR SEPARATELY AND WILL BE MEASURED THROUGH THE INLET. THE CURB AND GUTTER ADJACENT TO AND 1.8m(6 FT) ON EITHER SIDE OF THE INLET SHALL BE CONSTRUCTED AS SHOWN WITH NO ADDITIONAL COMPENSATION FOR THE TRANSITION. ** WHEN INLET IS CONSTRUCTED IN RETURN, THE TOP OF SLAB SHALL CONFORM TO THE RADIUS OF THE RETURN.

INLET SPECIAL NO. 7 79.4d

INLET SPECIAL NO. 8



FRONT VIEW

NOTES

SEE STANDARD 602701 FOR DETAILS OF STEPS. 25(1) PREFORMED EXPANSION JOINTS AS SHOWN SHALL BE PROVIDED ON EACH SIDE OF INLET. CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT. THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTAL SECTIONS. REINFORCEMENT FOR INLET SPECIAL NO. 8 SHALL BE ACCORDING TO DISTRICT STANDARD 79.4h

LIGHT WEIGHT MANHOLE CASTING

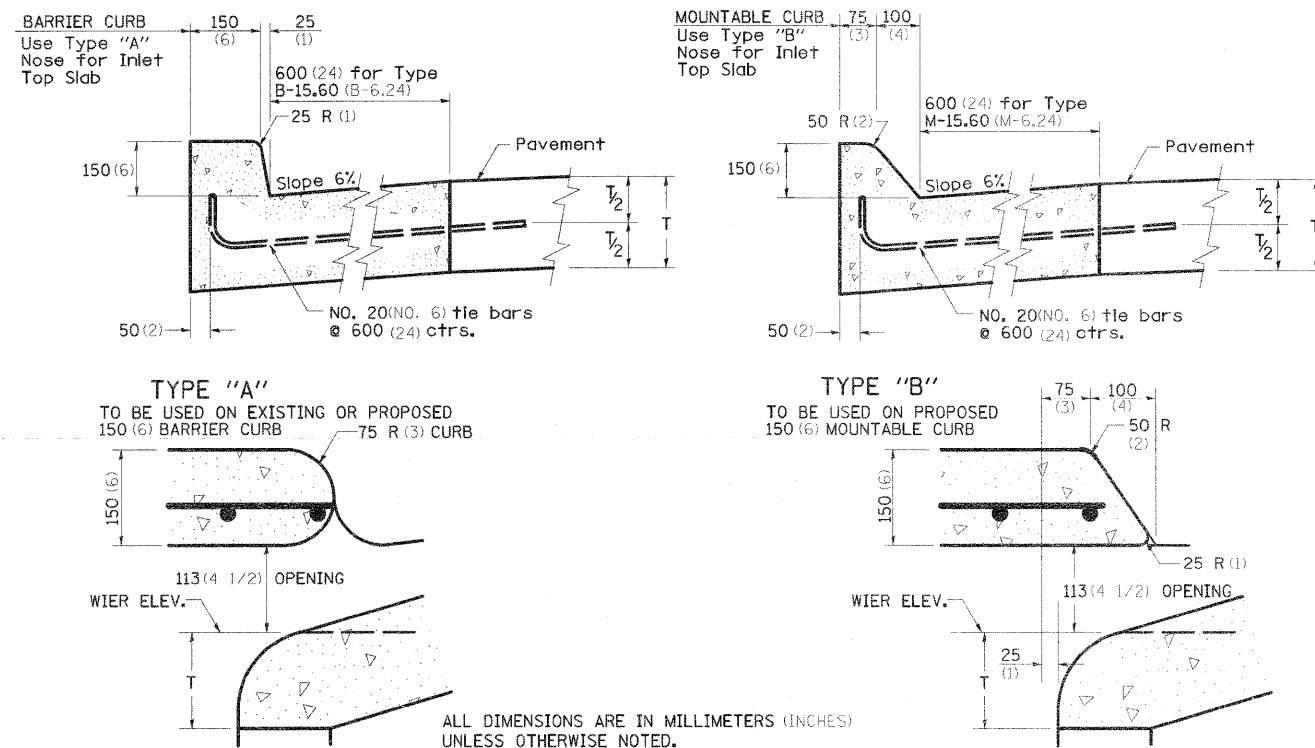
762(30)
610(24)
19(3/4)
559(22)
603(23 3/4)
89(3 1/2)

TOTAL WEIGHT 73 KG. (160 LBS.)
REVISED - 9-29-10

STEPS SHALL BE OMITTED WHEN DEPTH OF INLET IS LESS THAN 1.5 m (5 ft.). THE INLET SHALL BE CAST IN PLACE OR PRECAST. EXCEPT AS NOTED HEREON INLET SPECIAL NO. 8 SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS. THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL NO. 8 SHALL INCLUDE THE COST OF FURNISHING AND INSTALLING THE FRAME, LID, REINFORCEMENT BARS, FLOOR AND TOP SLABS, CAST IRON STEPS (IF USED). THE CURB AND GUTTER WILL BE PAID FOR SEPARATELY AND WILL BE MEASURED THROUGH THE INLET. THE CURB AND GUTTER ADJACENT TO AND 1.8m(6 FT) ON EITHER SIDE OF THE INLET SHALL BE CONSTRUCTED AS SHOWN WITH NO ADDITIONAL COMPENSATION FOR THE TRANSITION. ** WHEN INLET IS CONSTRUCTED IN RETURN, THE TOP OF SLAB SHALL CONFORM TO THE RADIUS OF THE RETURN.

INLET SPECIAL NO. 8 79.4e

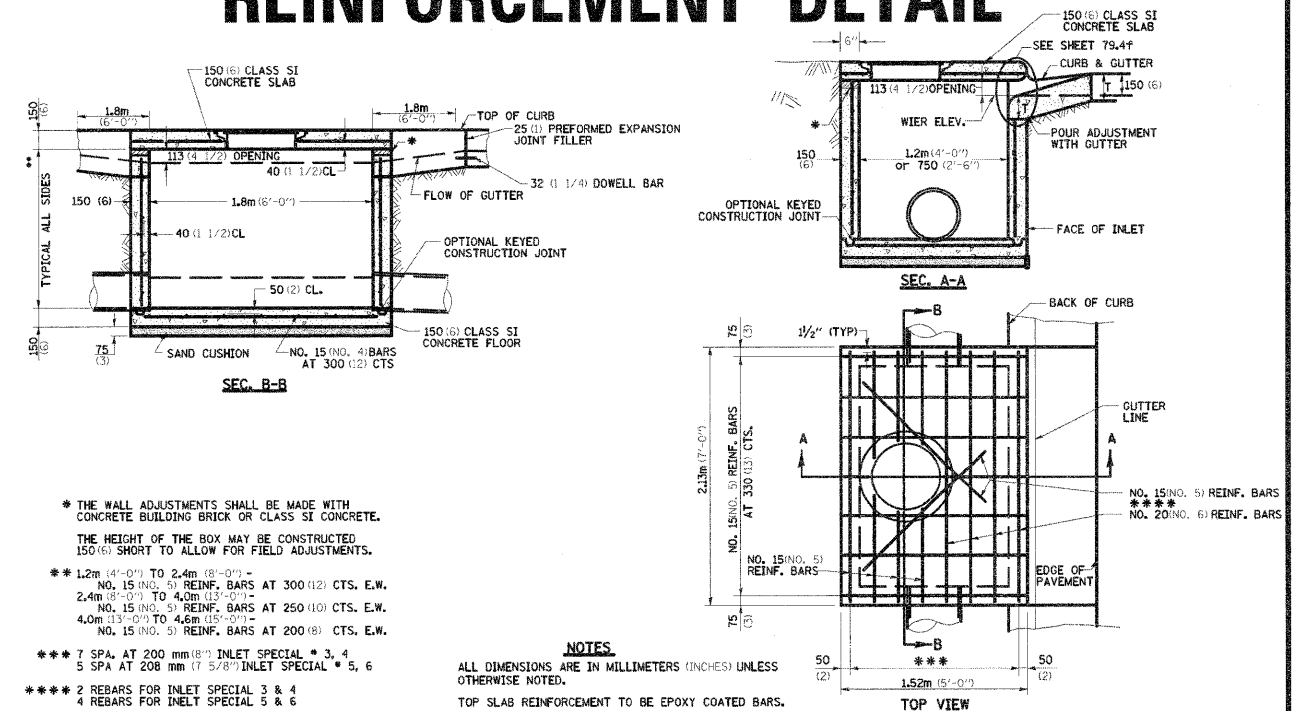
NOSE TYPE FOR INLET TOP SLAB



REVISED - 9-29-10

NOSE TYPE FOR INLET TOP SLAB 79.4f

INLET SPECIAL NO. 3, 4, 5, 6 REINFORCEMENT DETAIL



NOTES

* THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE. THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 150(6) SHORT TO ALLOW FOR FIELD ADJUSTMENTS.

** 1.2m(4'-0") TO 2.4m(8'-0") - NO. 15(INO. 5) REINF. BARS AT 300(12) CTS. E.W. 2.4m(8'-0") TO 4.0m(13'-0") - NO. 15(INO. 5) REINF. BARS AT 250(10) CTS. E.W. 4.0m(13'-0") TO 4.6m(15'-0") - NO. 15(INO. 5) REINF. BARS AT 200(8) CTS. E.W.

*** 7 SPA. AT 200 mm(8") INLET SPECIAL * 3, 4 5 SPA AT 208 mm(7 5/8") INLET SPECIAL * 5, 6

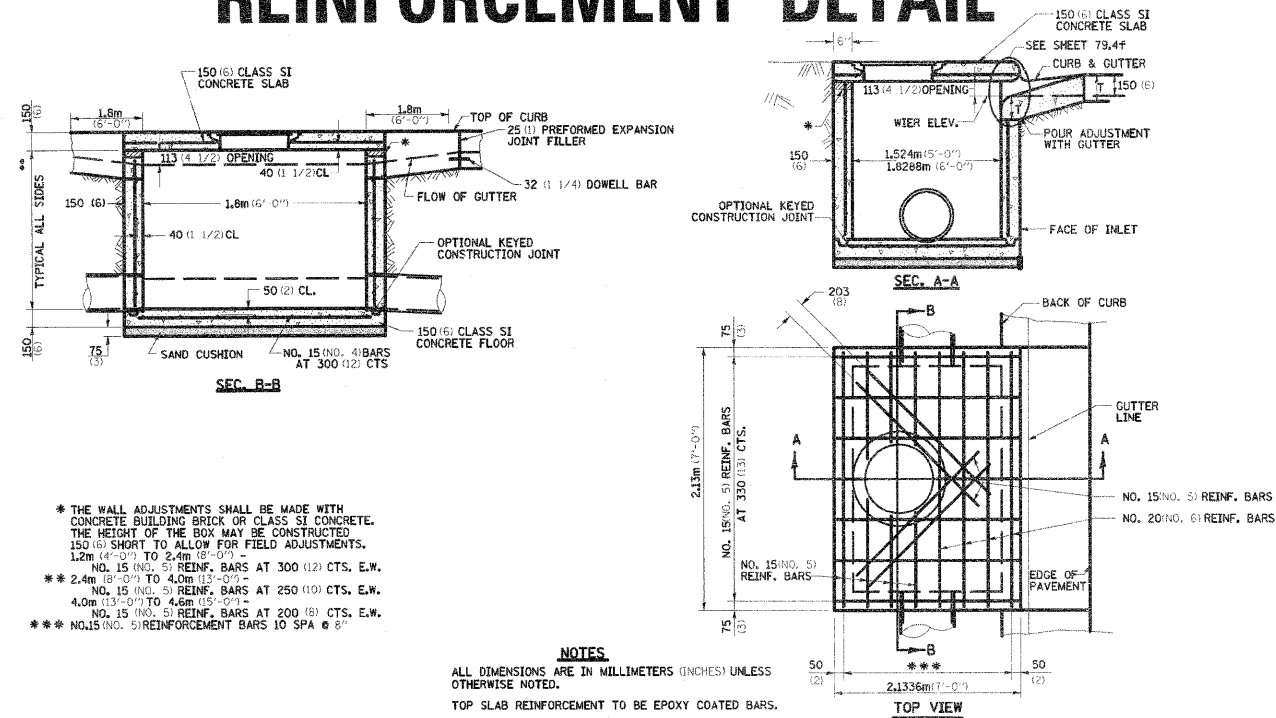
**** 2 REBARS FOR INLET SPECIAL 3 & 4 4 REBARS FOR INLET SPECIAL 5 & 6

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED. TOP SLAB REINFORCEMENT TO BE EPOXY COATED BARS.

REVISED - 9-29-10	REGION 2 / DISTRICT 2 STANDARD			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -				303	129K-1	WINNEBAGO	401	290
REVISED -				CONTRACT NO. 64987				
REVISED -	SCALE: 1/8" = 1'-0" / 1/4" = 1'-0"			FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				

INLET SPECIAL NO. 3, 4, 5, 6 REINFORCEMENT DETAIL 79.4g

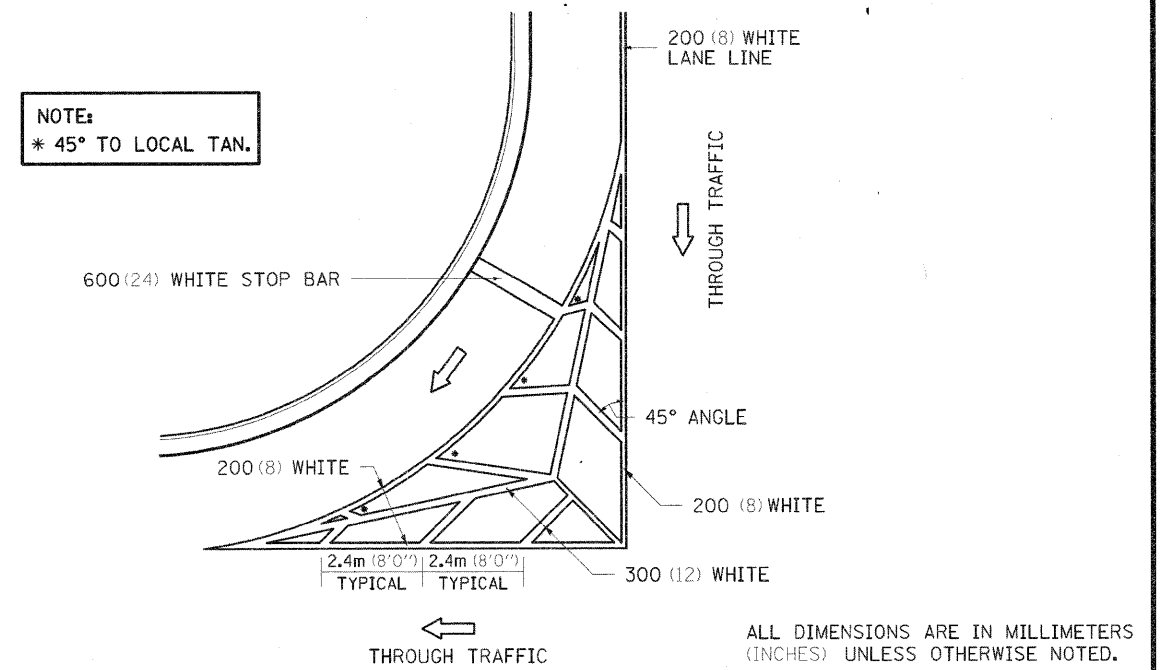
INLET SPECIAL NO. 7 & 8 REINFORCEMENT DETAIL



REVISED - 9-29-10

INLET SPECIAL NO. 7 & 8 REINFORCEMENT DETAIL 79.4h

TYPICAL MARKING FOR PAINTED ISLANDS



REVISED - 2-07-05

TYPICAL MARKING FOR PAINTED ISLANDS 93.4

TYPICAL MEDIAN CROSSOVER CLOSURE

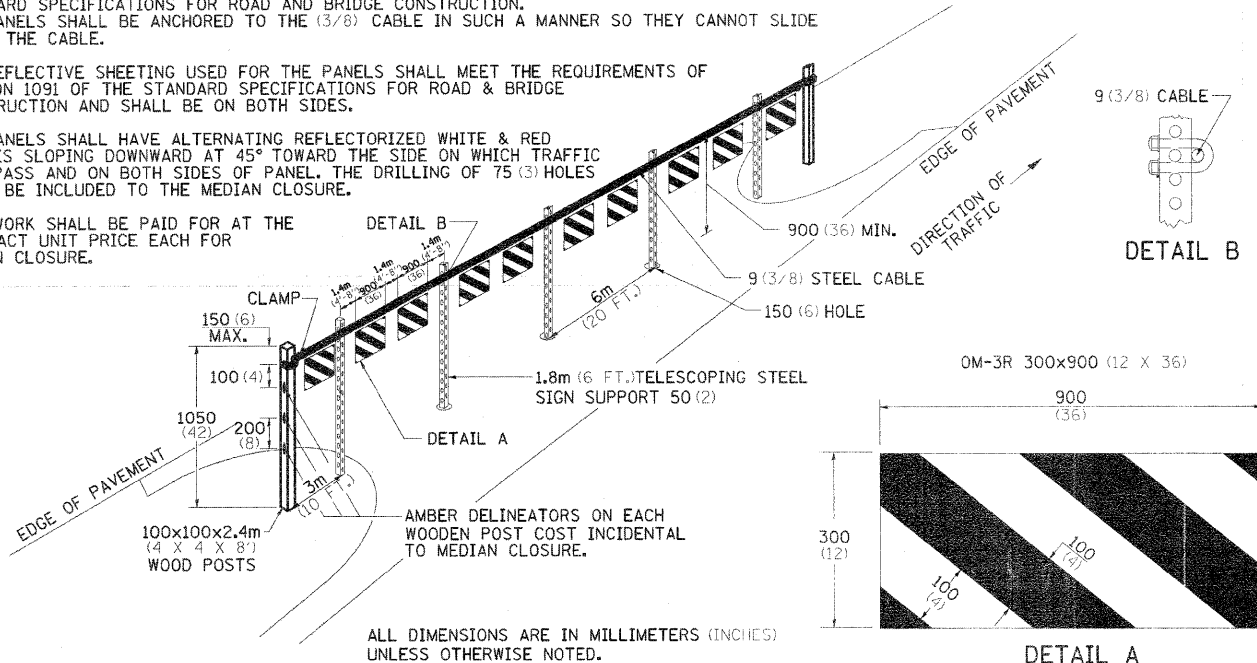
GENERAL NOTES

WOOD POSTS, CABLE, AND SIGN SUPPORTS SHALL BE IN ACCORDANCE WITH SECTION 634 & 636 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. THE PANELS SHALL BE ANCHORED TO THE (3/8) CABLE IN SUCH A MANNER SO THEY CANNOT SLIDE ALONG THE CABLE.

THE REFLECTIVE SHEETING USED FOR THE PANELS SHALL MEET THE REQUIREMENTS OF SECTION 1091 OF THE STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION AND SHALL BE ON BOTH SIDES.

ALL PANELS SHALL HAVE ALTERNATING REFLECTORIZED WHITE & RED STRIPES SLOPING DOWNWARD AT 45° TOWARD THE SIDE ON WHICH TRAFFIC WILL PASS AND ON BOTH SIDES OF PANEL, THE DRILLING OF 75 (3) HOLES SHALL BE INCLUDED TO THE MEDIAN CLOSURE.

THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR MEDIAN CLOSURE.

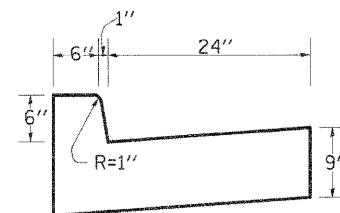
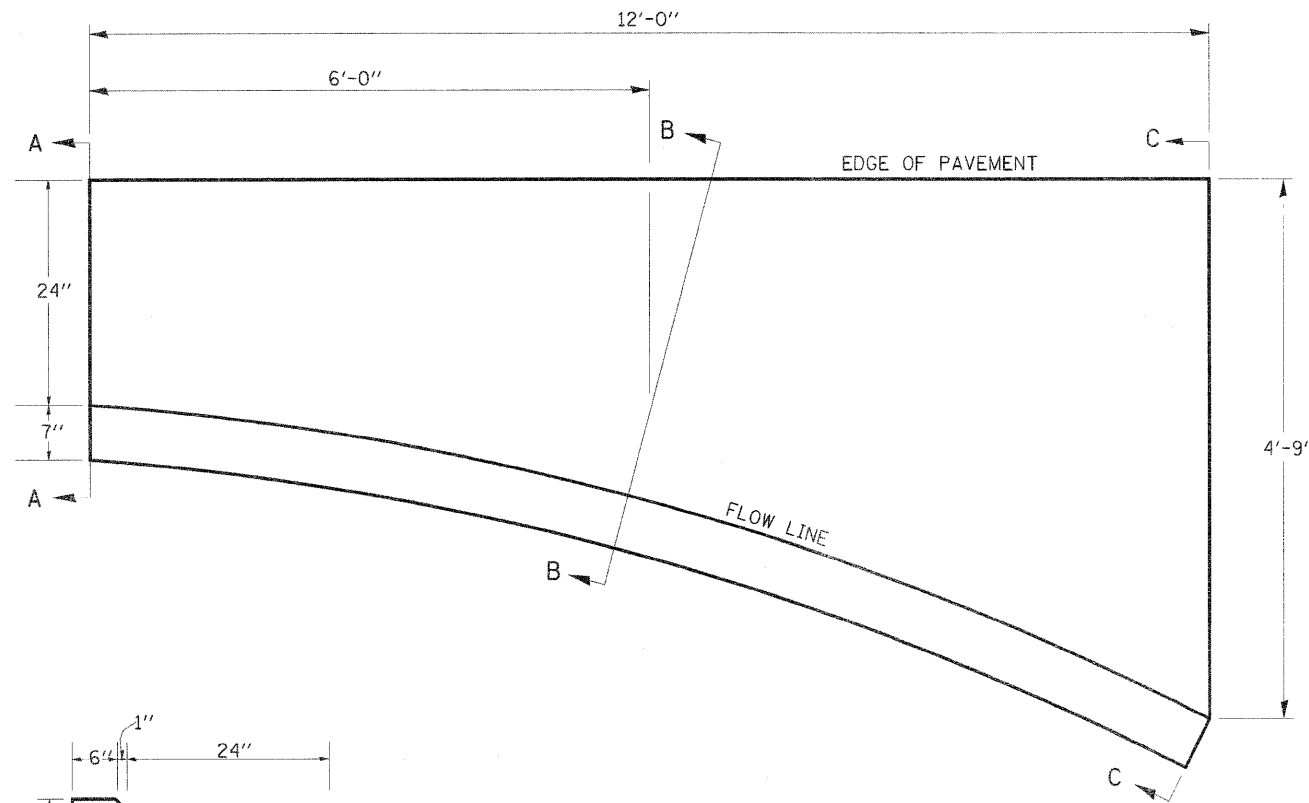


REVISED - 5-27-09

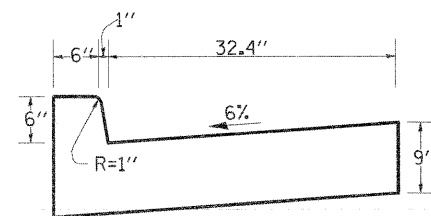
TYPICAL MEDIAN CROSSOVER CLOSURE 98.4

REVISED -	REGION 2 / DISTRICT 2 STANDARD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
REVISED -		303	129K-1	WINNEBAGO	401	291	
REVISED -		SCALE: 100,000 / 1" = SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 64987	
REVISED -		FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT					
REVISED -		PLOT DATE = 1/18/2011					

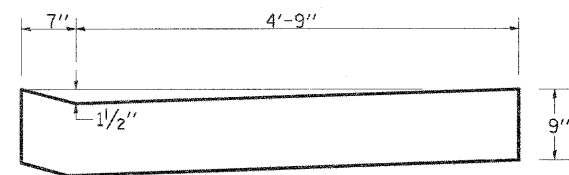
STANDARD INLET FOR CURB & GUTTER TYPE B-6.24



SECTION A-A



SECTION B-B



SECTION C-C

NOTES

Class SI Concrete shall be used throughout.

The Curb and Gutter Inlet will be paid for at the contract unit price per cubic yard for Class SI Concrete (OUTLETS).

Joints shall be constructed in accordance with the requirements of Article 606.07 of the Standard Specifications.

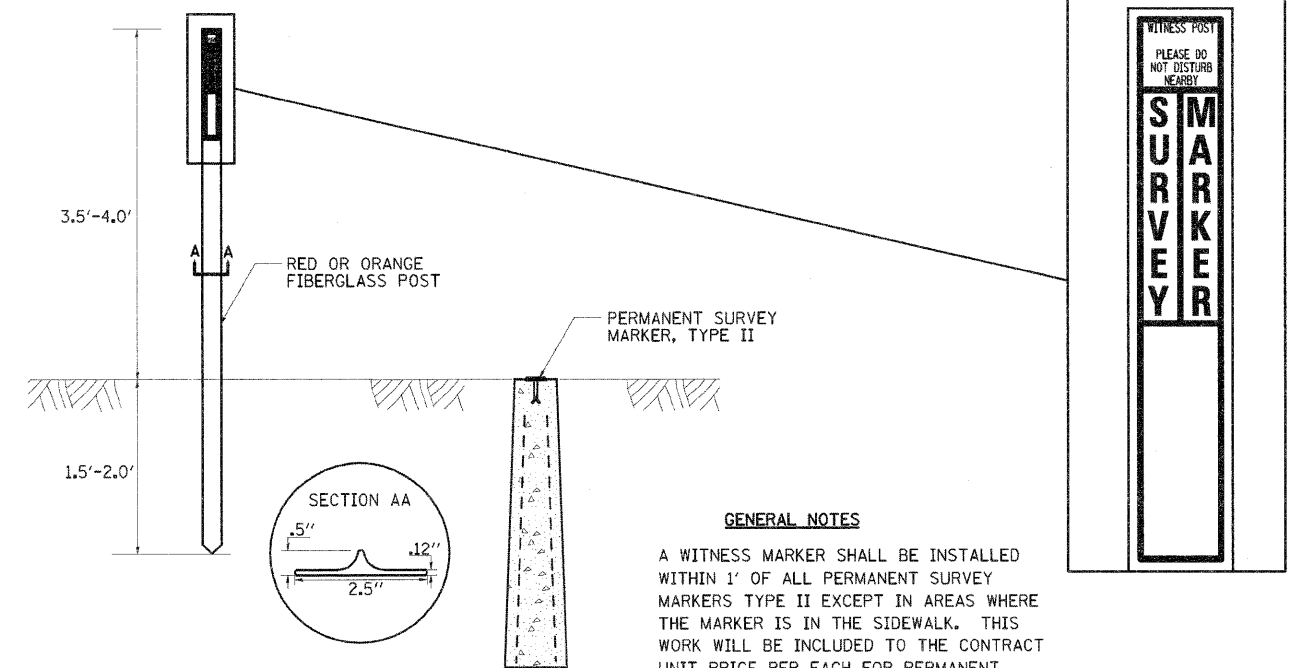
When curb and gutter is constructed adjacent to flexible pavement, a 1" expansion joint shall be installed at construction joints.

- QUANTITY -

Section A-A to C-C
(1.23 Cu. Yds.)
Class SI Concrete

REVISED - 10-10-06

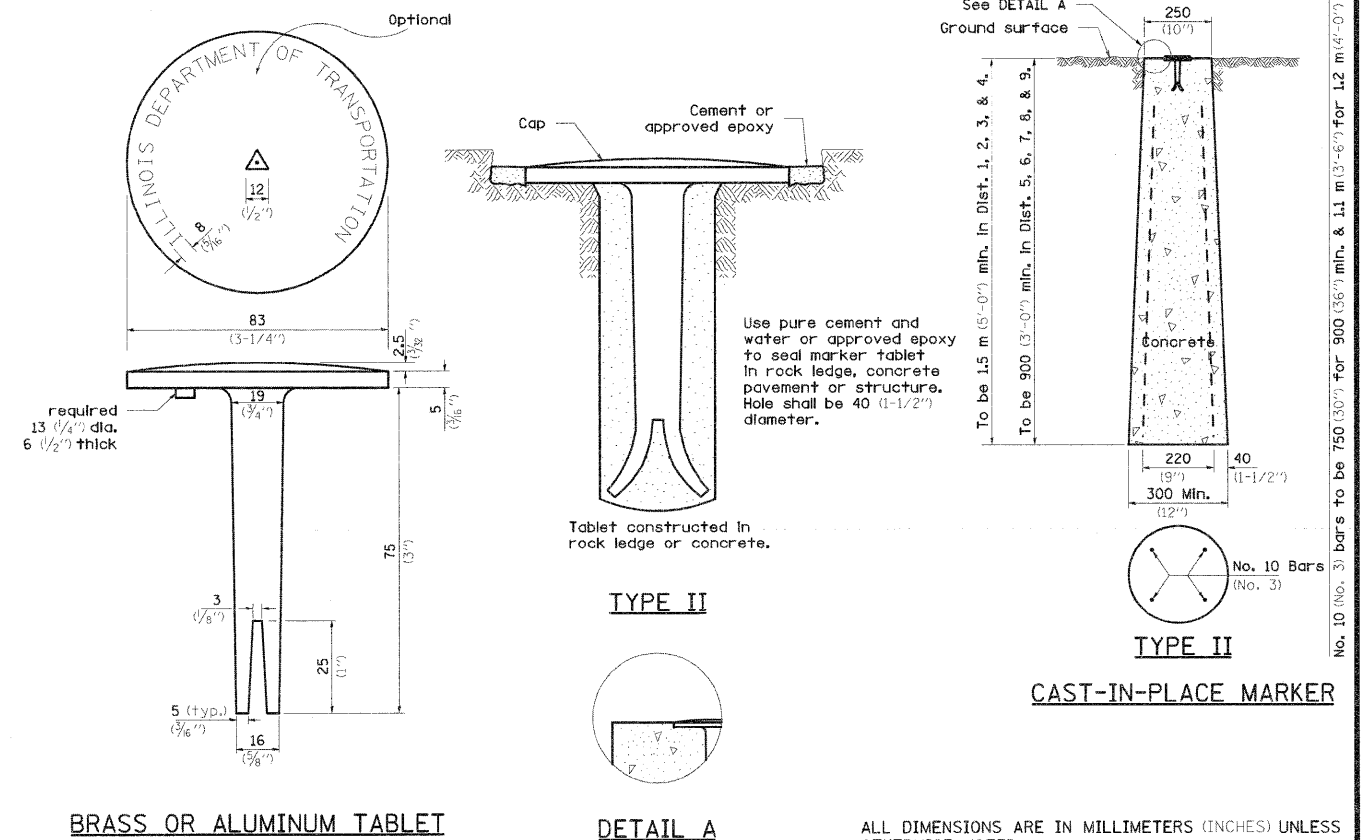
WITNESS MARKER FOR PERMANENT SURVEY MARKERS, TYPE II



GENERAL NOTES

A WITNESS MARKER SHALL BE INSTALLED WITHIN 1' OF ALL PERMANENT SURVEY MARKERS TYPE II EXCEPT IN AREAS WHERE THE MARKER IS IN THE SIDEWALK. THIS WORK WILL BE INCLUDED TO THE CONTRACT UNIT PRICE PER EACH FOR PERMANENT SURVEY MARKERS, TYPE II.

PERMANENT SURVEY MARKERS, TYPE II



BRASS OR ALUMINUM TABLET

DETAIL A

TYPE II
CAST-IN-PLACE MARKER

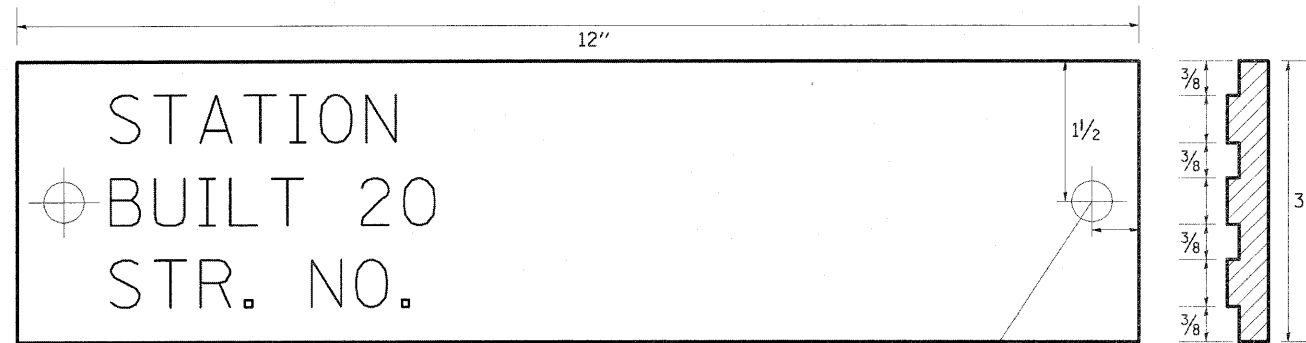
Use pure cement and water or approved epoxy to seal marker tablet in rock ledge, concrete pavement or structure. Hole shall be 40 (1-1/2") diameter.

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

REVISED - 10-21-08	REGION 2 / DISTRICT 2 STANDARD		F.A. RTE. 303	SECTION 129K-1	COUNTY WINNEBAGO	TOTAL SHEETS 401	SHEET NO. 292
REVISED -	SCALE: 100,0000 1" = 100'	SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT		CONTRACT NO. 64987		

NAME PLATE FOR CULVERTS

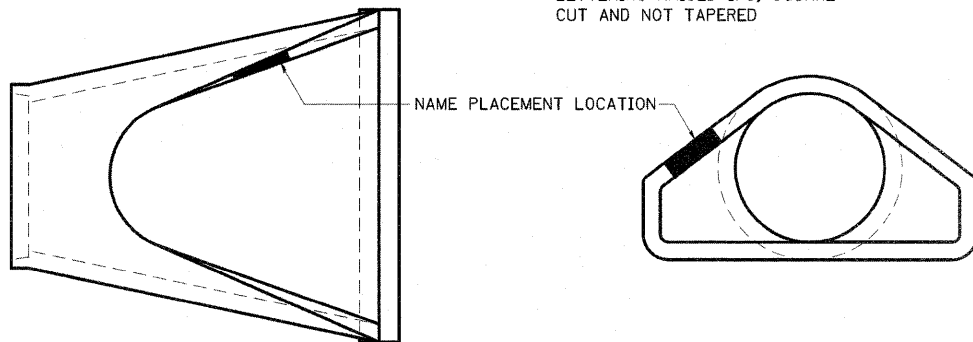
FOR 24"-42" PIPE CULVERTS



FOR 48"-84" PIPE CULVERTS



NOTE
LETTERING RAISED 1/8, SQUARE CUT AND NOT TAPERED



DESIGNERS NOTE

NAME PLATES SHALL BE FURNISHED & INSTALLED ACCORDING TO SECTION 515 OF THE STANDARD SPECIFICATIONS, EXCEPT 2 BOLTS SHALL BE USE TO FASTEN THE PLATE TO THE END SECTION.

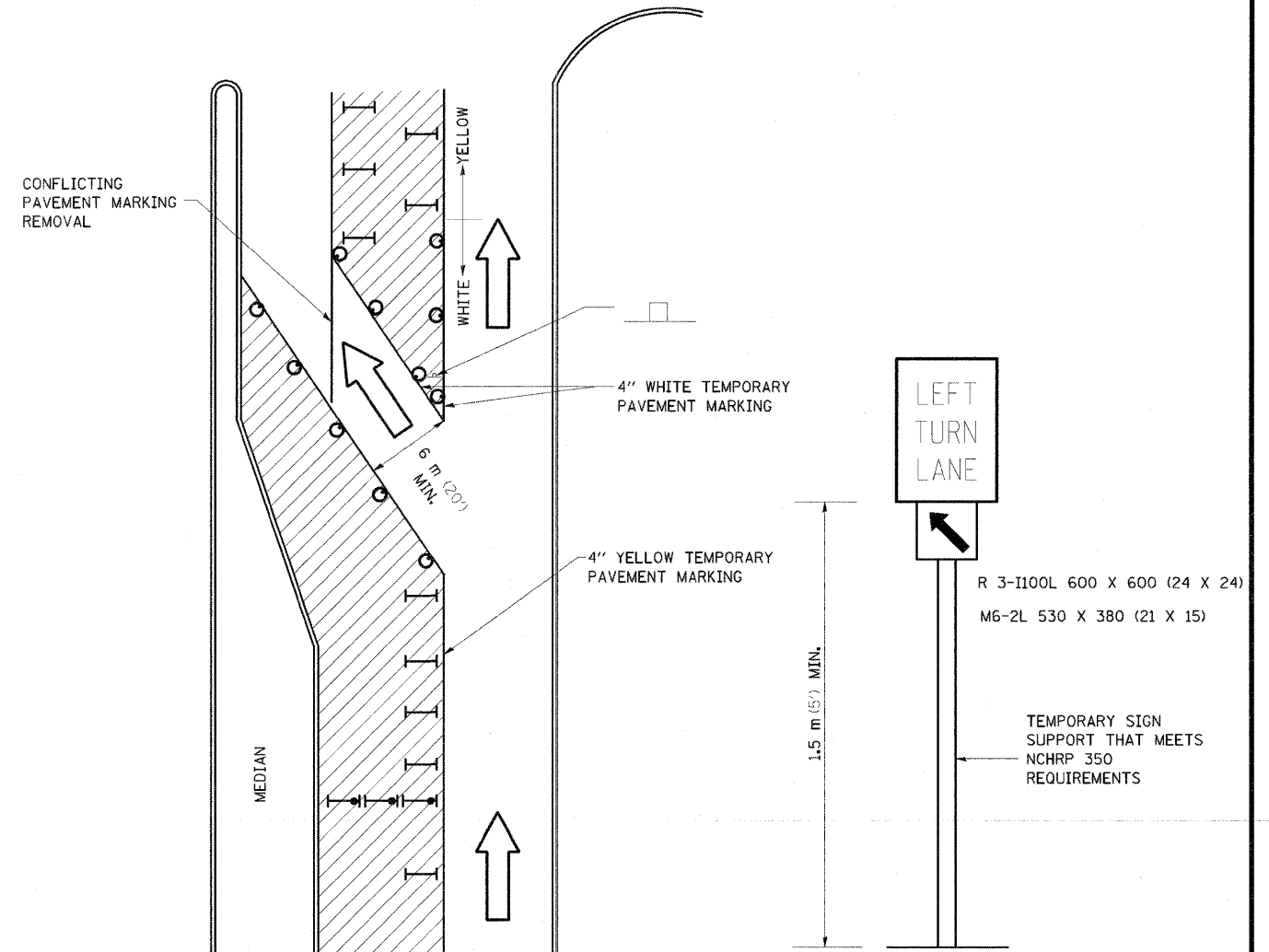
USE STANDARD 515001 FOR BRIDGES AND MULTI-CELL CULVERTS WITH SPANS OF 20' OR MORE MEASURED ALONG THE CENTERLINE AT THE HIGHWAY.

USE THIS DETAIL FOR ALL OTHER PIPE CULVERTS & BOX CULVERTS WITH STRUCTURE NUMBERS. INCLUDE THE INFORMATION TO FILL OUT THE NAME PLATE FOR EACH CULVERT.

IN BOTH CASES INCLUDE A PAY ITEM FOR NAME PLATES.

STATION	STRUCTURE NO.
1008+74.53	101-2051
311+10.53	101-2052

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)



LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- TYPE I OR II BARRICADE OR DRUM WITH FLASHING BURNING LIGHT
- DRUM OR BARRICADE WITH STEADY BURN LIGHT
- SIGN (SEE DETAIL)
- TYPE I OR II CHECK BARRICADE WITH STEADY LIGHT BURN

GENERAL NOTES

CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 710 (28) IN HEIGHT.

STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS WILL BE MONODIRECTIONAL.

TEMPORARY PAVEMENT MARKING SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.

THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 600 x 600 (24 X 24) AND M6-2R 530 X 380 (21 X 15) SHALL BE USED.

THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.

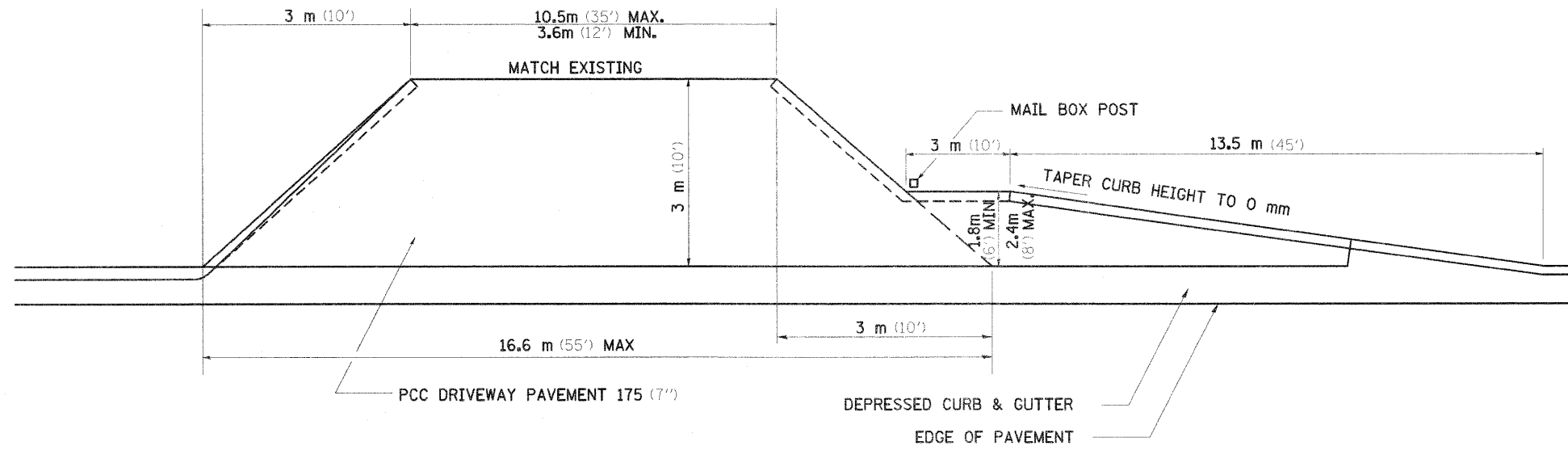
TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

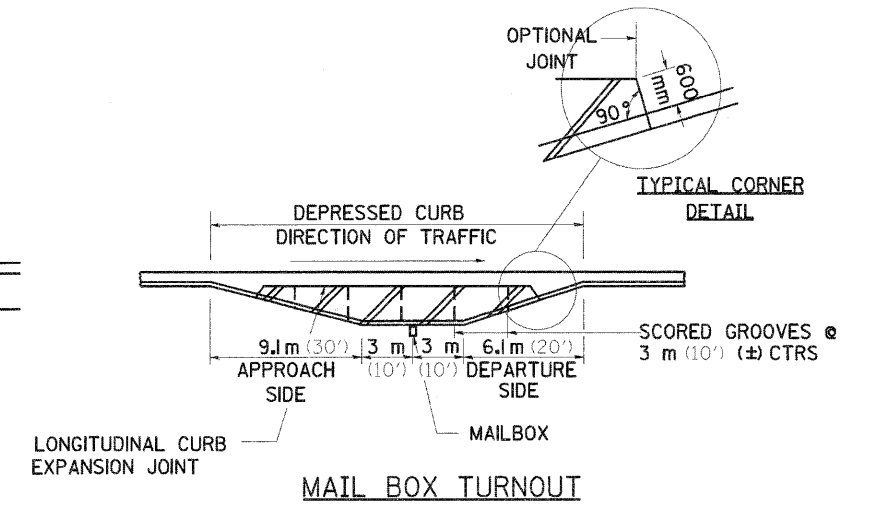
REVISED - 5-27-09

REVISED - 12-09-09	REGION 2 / DISTRICT 2 STANDARD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
REVISED -		303	129K-1	WINNEBAGO	401	293	
REVISED -		CONTRACT NO. 64987					
REVISED -		SCALE: 1/2" = 1'-0"	SHEET NO.	OF	SHEETS	STA.	TO STA.
REVISED -		FED. ROAD DIST. NO. 2 (ILLINOIS) FED. AID PROJECT					

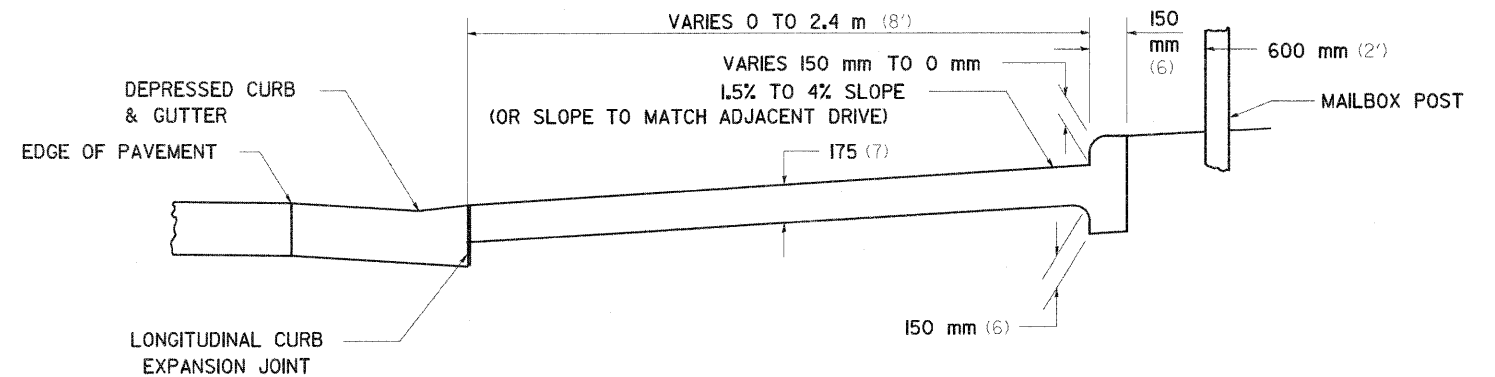
MAILBOX TURNOUT IN CURB AND GUTTER SECTION



COMMERCIAL ENTRANCE WITH MAIL BOX TURNOUT



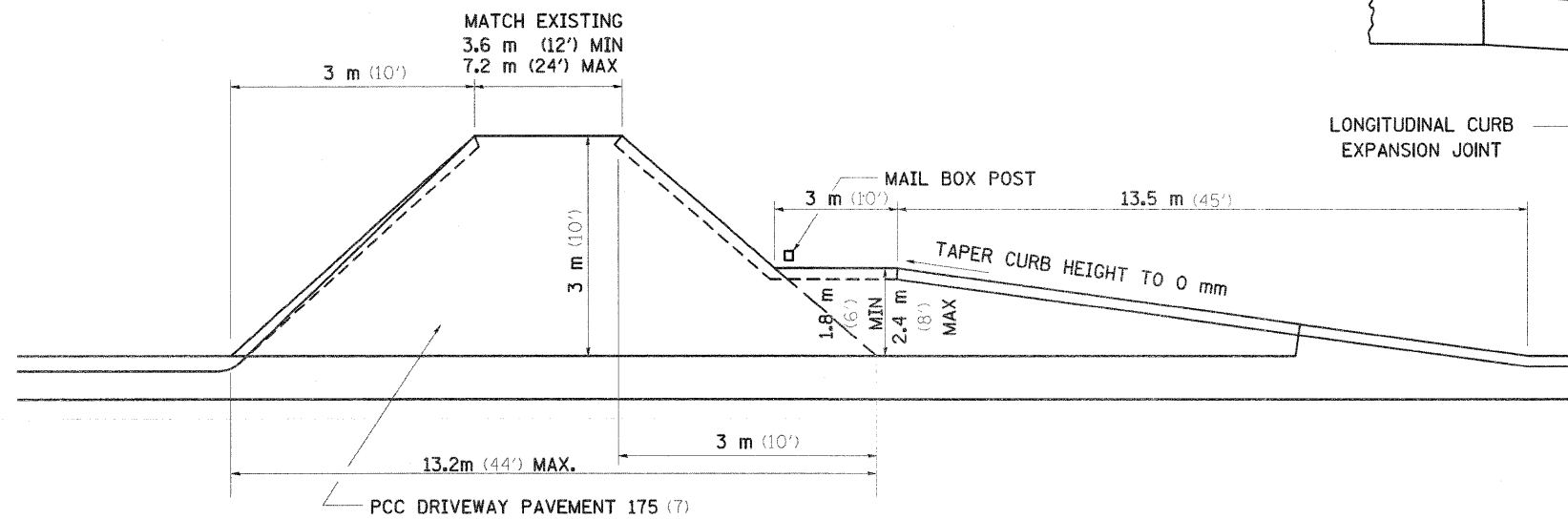
MAIL BOX TURNOUT



TYPICAL CROSS SECTION

GENERAL NOTES

- 1.) THE LONGITUDINAL CURB EXPANSION JOINT SHALL CONFORM TO SECTION 1051 OF THE STANDARD SPECIFICATIONS.
- 2.) THE MAILBOX TURNOUT CROSS SLOPE WILL BE AS SHOWN ABOVE, AS SHOWN ON THE STATION CROSS SECTIONS OR AS DIRECTED BY THE ENGINEER.
- 3.) THE MAILBOX TURNOUT SHALL BE CONSTRUCTED WITH SCORED GROOVES, AS SPECIFIED IN ARTICLE 423.06 OF THE STANDARD SPECIFICATIONS, AT APPROXIMATELY 3.05 m (10') CENTERS. IN THE EVENT THERE IS EXISTING OR PROPOSED SIDEWALK PRESENT, THESE SCORED GROOVES SHALL BE PLACED IN LINE WITH EVERY OTHER JOINT IN THE ADJACENT SIDEWALK.
- 4.) THE WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR P.C. CONCRETE DRIVEWAY PAVEMENT OF THE THICKNESS SPECIFIED IN THE PLANS WHICH PRICE SHALL INCLUDE THE LONGITUDINAL CURB EXPANSION JOINT, MONOLITHIC CURB AS SHOWN, SCORED GROOVES, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 5.) SEE THE DISTRICT STANDARD 25.1 FOR ADDITIONAL DETAILS.

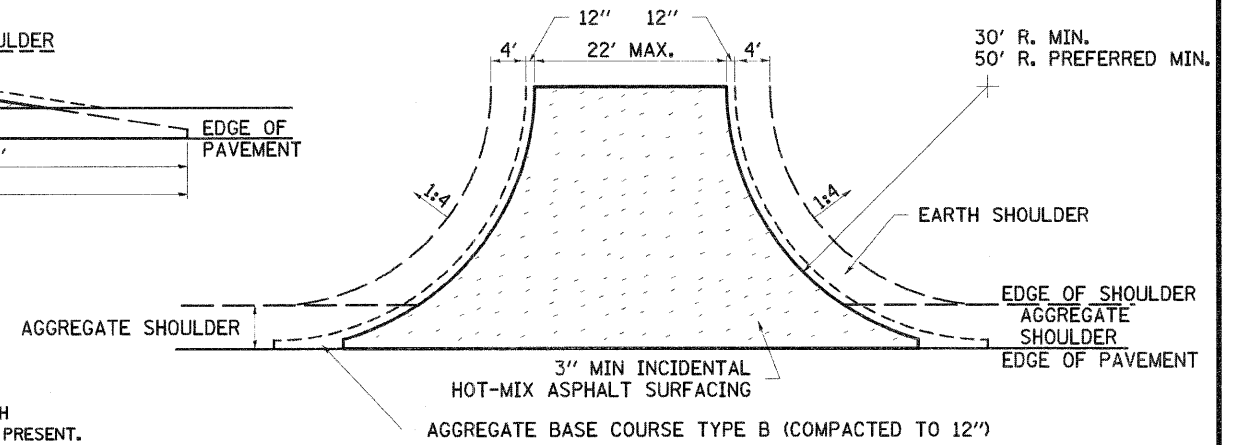
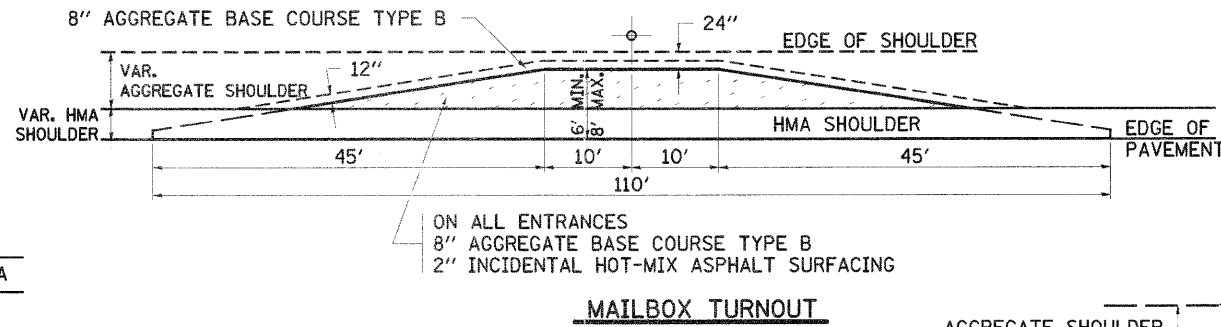
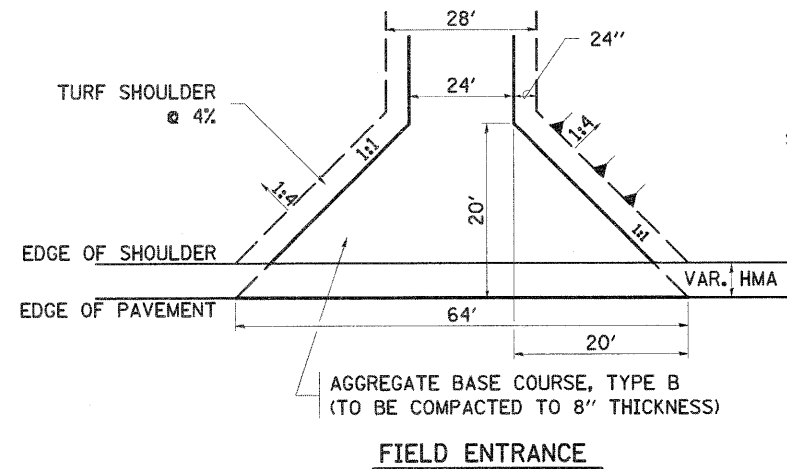


PRIVATE ENTRANCE WITH MAIL BOX TURNOUT

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

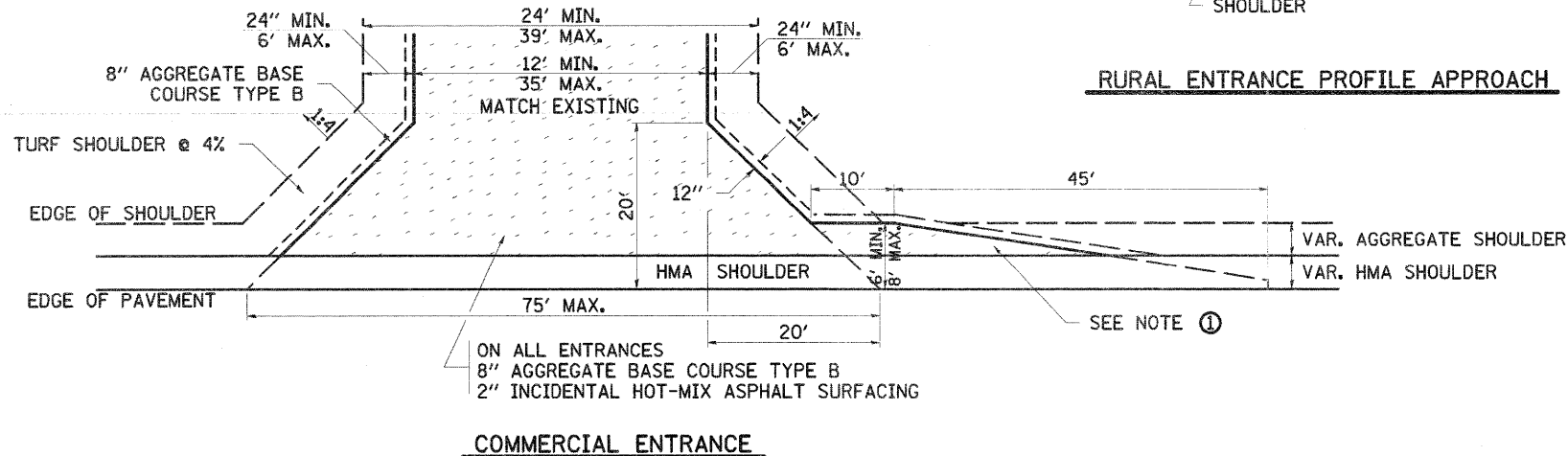
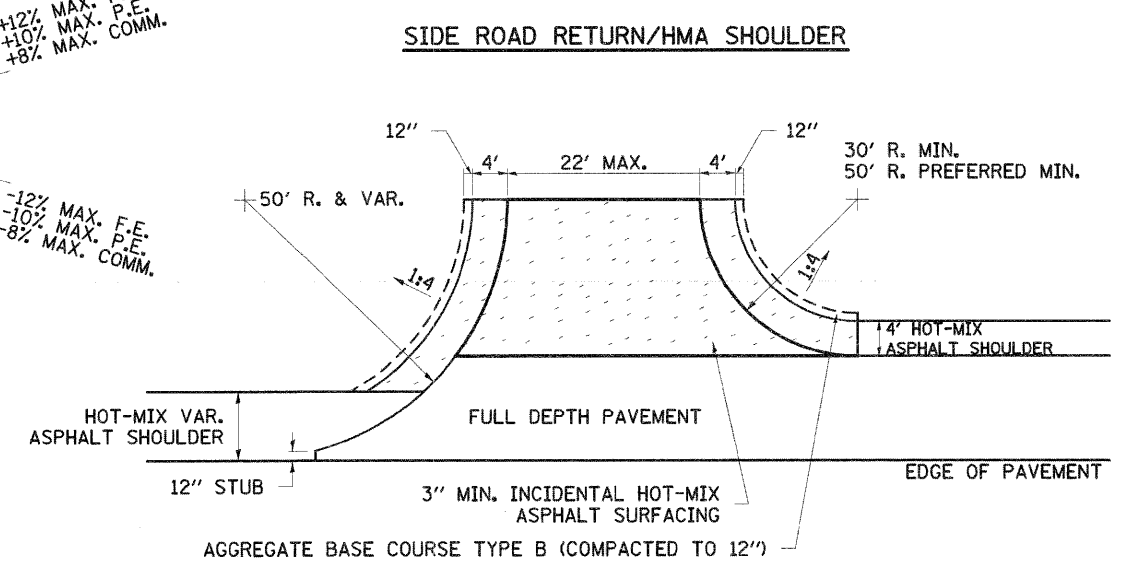
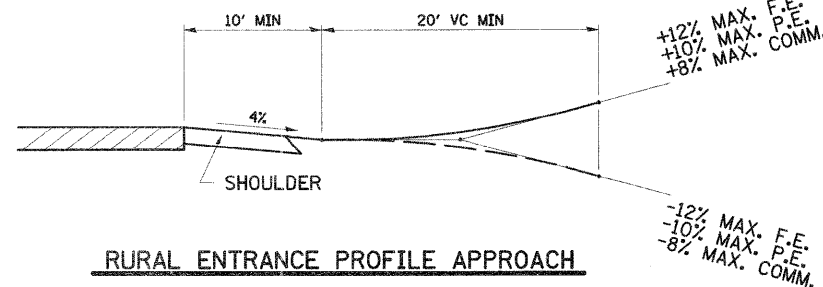
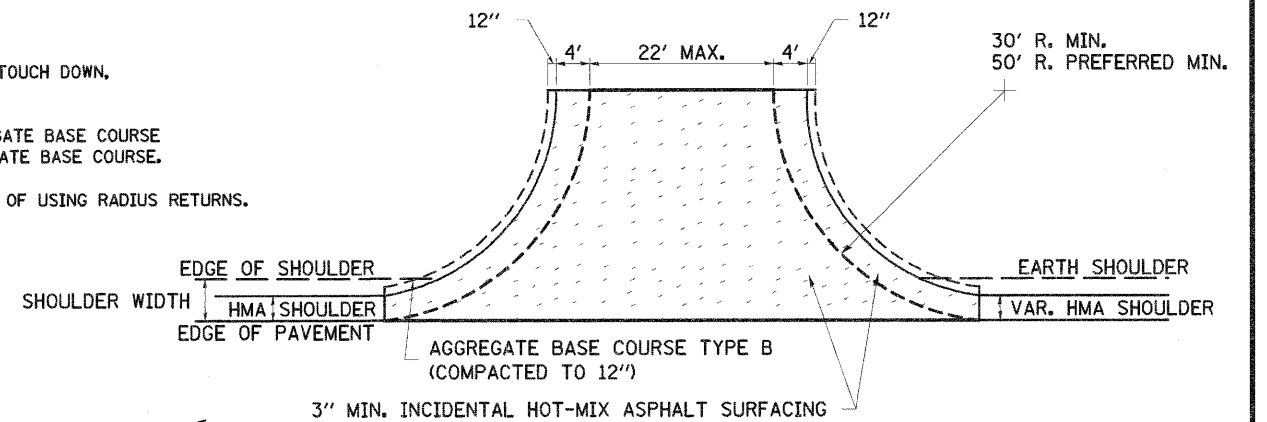
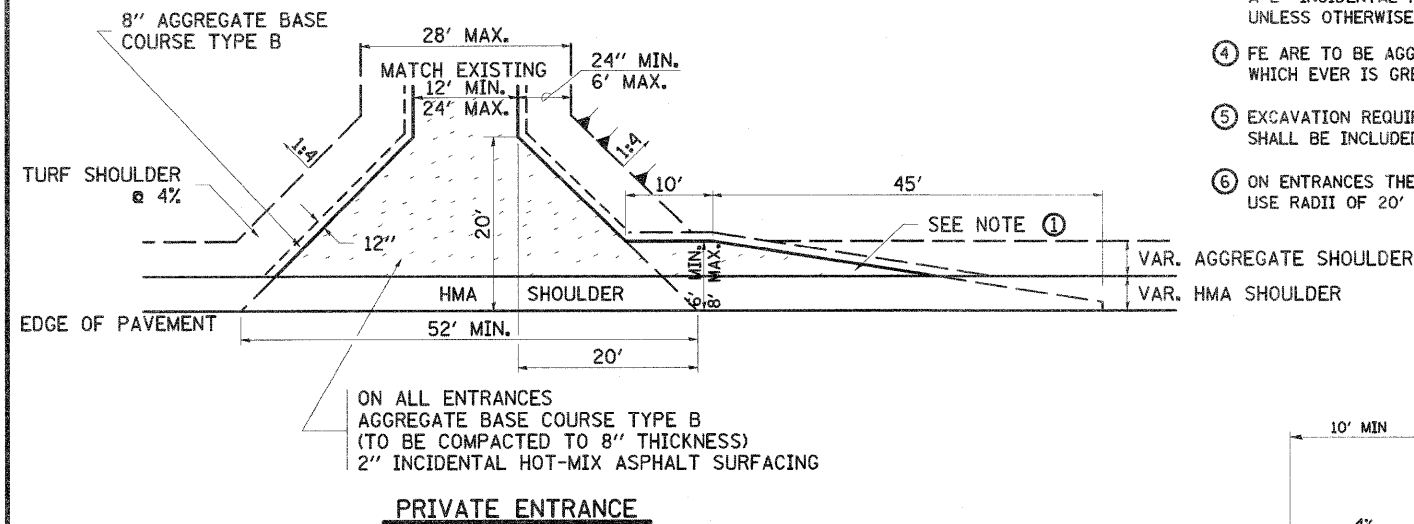
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	PLOT SCALE = 100.0000 "/ IN.	DRAWN -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 2	ILLINOIS FED. AID PROJECT	CONTRACT NO. 64987		
	PLOT DATE = 1/18/2011	CHECKED -	REVISED -									
		DATE -	REVISED -									

HOT-MIX ASPHALT APPROACHES AND MAILBOX RETURNS



NOTE

- ① TURNOUTS ARE TO BE CONSTRUCTED ON THE APPROACH SIDE OF ALL PE & CE REGARDLESS IF A MAILBOX IS PRESENT.
- ② ALL PE & CE ARE TO BE SURFACED TO RIGHT OF WAY LINE. AREA BEHIND RIGHT OF WAY SHALL MATCH EXISTING SURFACE.
- ③ ALL PE & CE TO BE CONSTRUCTED WITH AN 8" AGGREGATE BASE COURSE, TYPE B AND WITH A 2" INCIDENTAL HOT-MIX ASPHALT SURFACING, UNLESS OTHERWISE NOTED.
- ④ FE ARE TO BE AGGREGATE TO RIGHT OF WAY OR TOUCH DOWN, WHICH EVER IS GREATEST.
- ⑤ EXCAVATION REQUIRED FOR PLACEMENT OF AGGREGATE BASE COURSE SHALL BE INCLUDED IN THE COST OF THE AGGREGATE BASE COURSE.
- ⑥ ON ENTRANCES THE CONTRACTOR HAS THE OPTION OF USING RADIUS RETURNS. USE RADII OF 20' TO 60'.



FILE NAME = 0264987-shr-details-302.dgn

USER NAME = 320209971

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED - 12-07-10
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

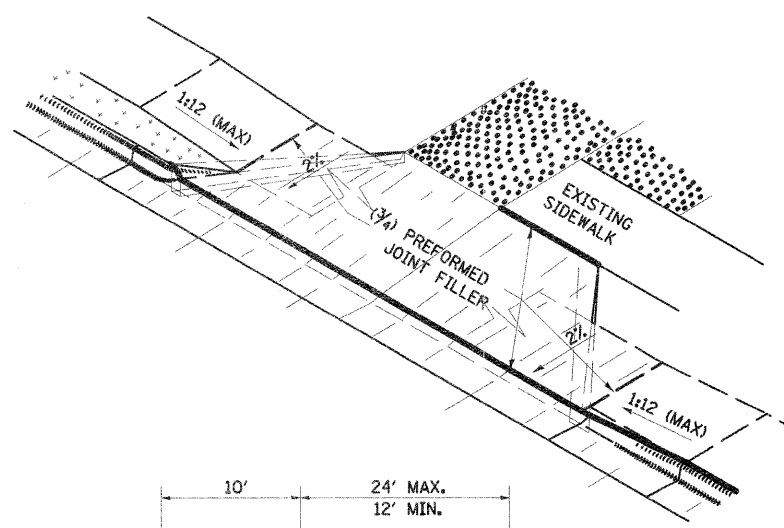
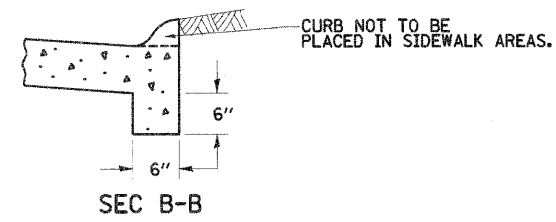
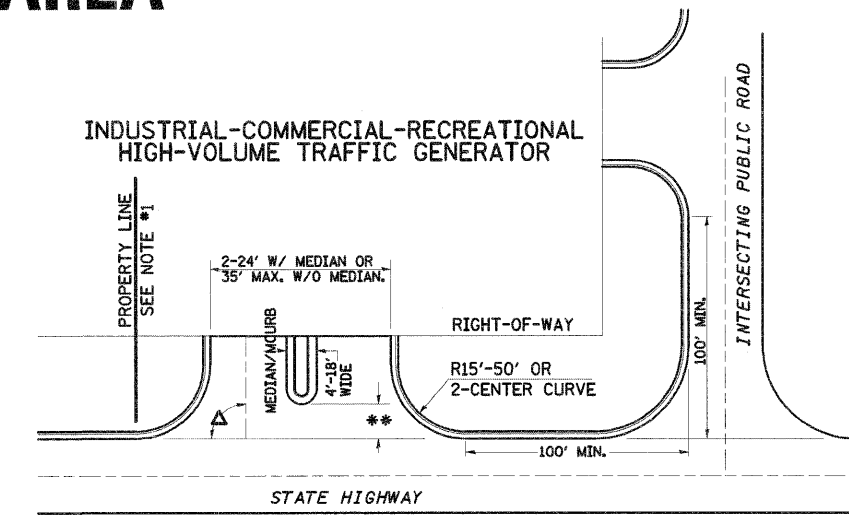
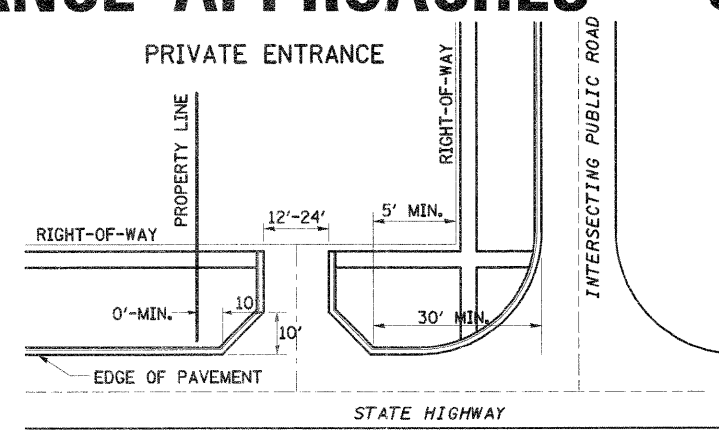
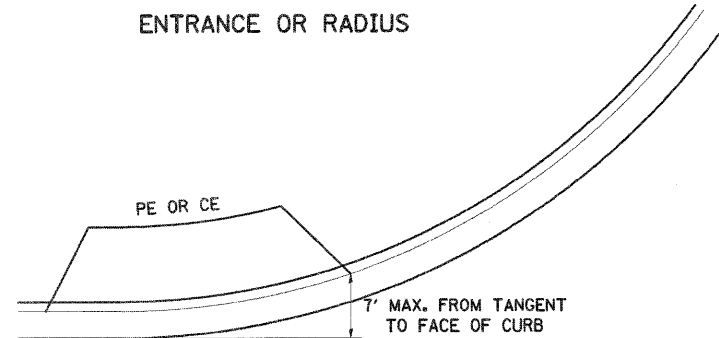
REGION 2 / DISTRICT 2 STANDARD

F.A. RTE. 303 SECTION 129K-1 COUNTY WINNEBAGO TOTAL SHEETS 401 SHEET NO. 295 CONTRACT NO. 64987

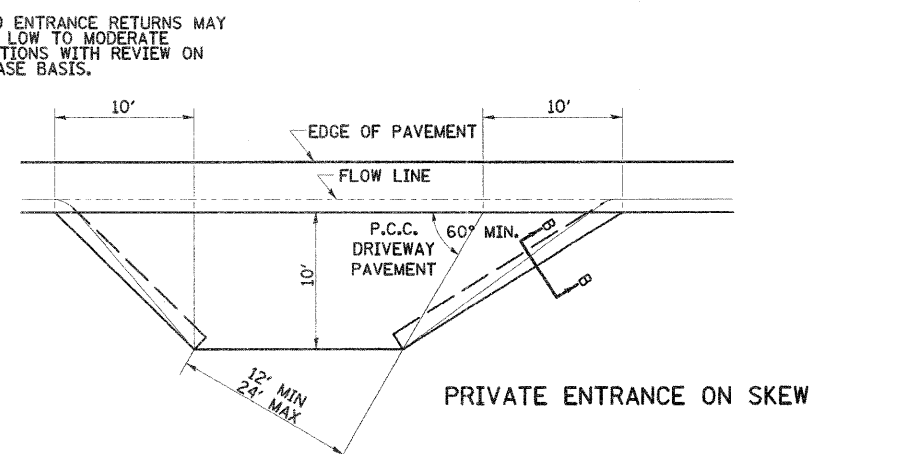
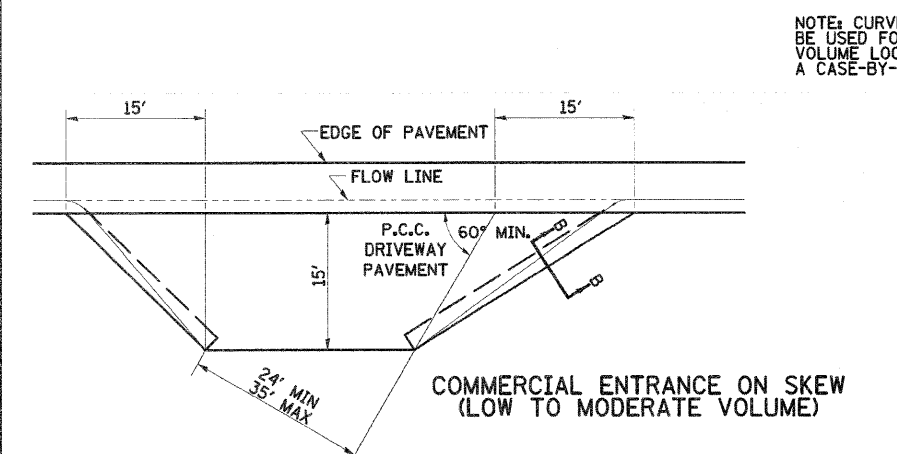
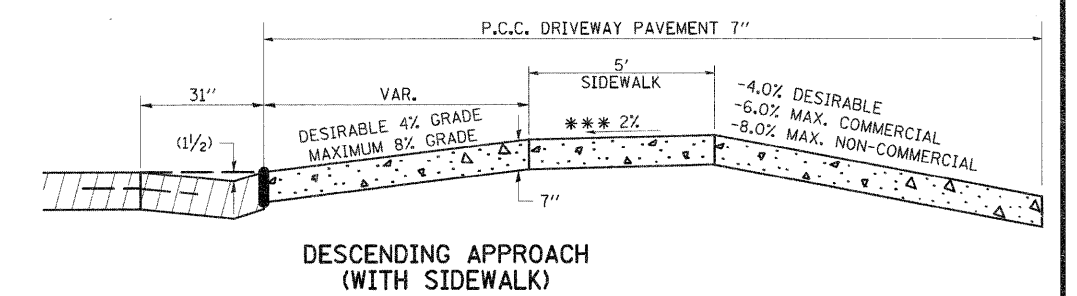
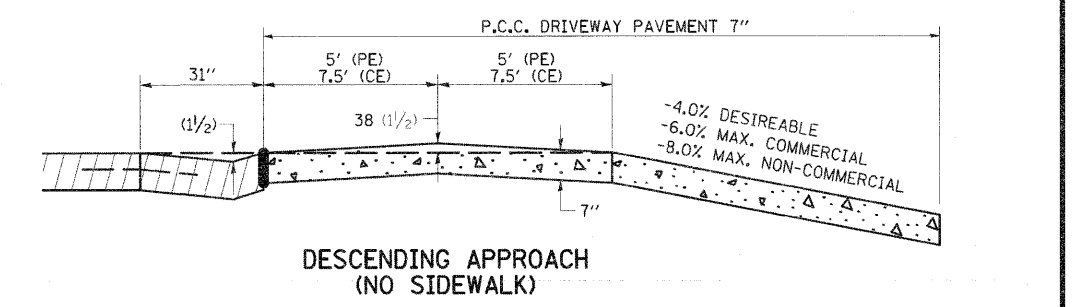
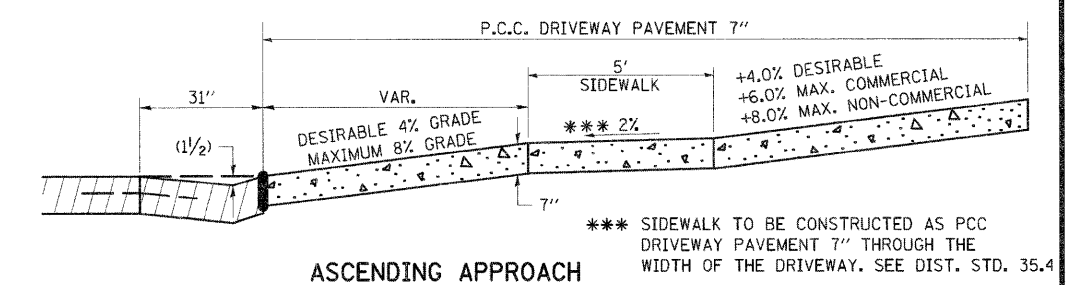
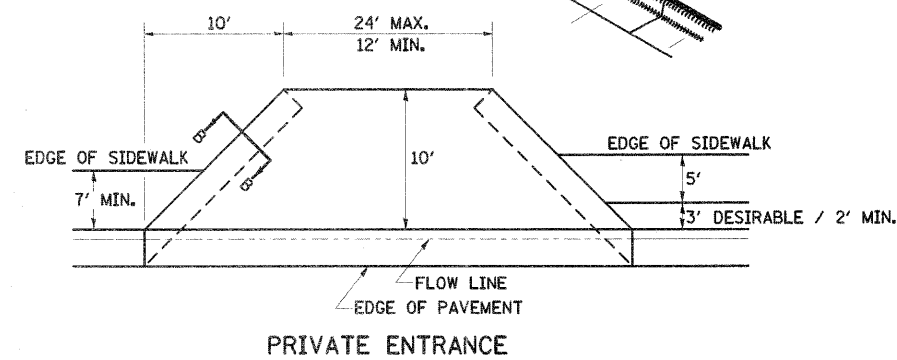
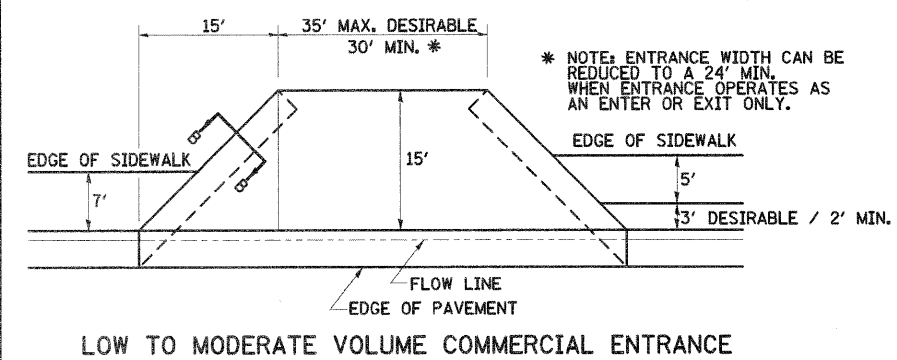
SCALE: SHEET NO. OF SHEETS STA. TO STA.

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

ENTRANCE APPROACHES – URBAN AREA



A MINIMUM OF 440 FEET SHALL BE MAINTAINED BETWEEN CENTER LINES OF ADJACENT DRIVEWAYS.
 Δ 90° DESIRABLE, 45° MIN. ANGLE PERMITTED ONLY FOR ONE-WAY DRIVEWAYS.
 60° MIN. ANGLE FOR TWO-WAY DRIVEWAYS.
 NOTE: #1 ENCROACHMENT ON THE ADJACENT PROPERTY OWNER LAND REQUIRES HIS OR HER WRITTEN APPROVAL.
 ** 4'-10' IF HIGHWAY CURBED.
 AT EDGE OF SHOULDER IF HIGHWAY UNCURBED.



NOTE: CURVED ENTRANCE RETURNS MAY BE USED FOR LOW TO MODERATE VOLUME LOCATIONS WITH REVIEW ON A CASE-BY-CASE BASIS.

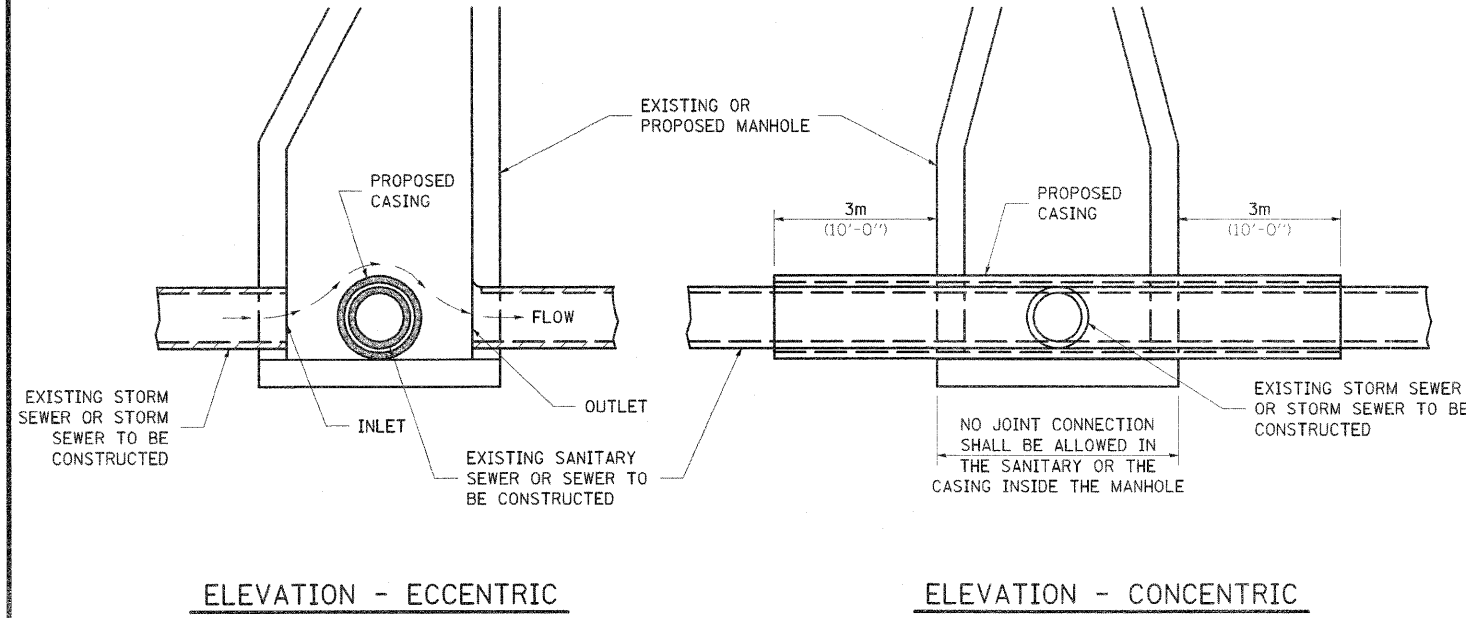
FILE NAME = 0264987-sht-detail-383.dgn	USER NAME = 328289971	DESIGNED -	REVISED - 12-07-10	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			F.A. RTE. 303	SECTION 129K-1	COUNTY WINNEBAGO	TOTAL SHEETS 401	SHEET NO. 296
		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 64987
		CHECKED -	REVISED -		ENTRANCE APPROACHES – URBAN AREA							
		DATE -	REVISED -		25.1							

SEWER AND WATER MAIN CROSSINGS

THIS DETAIL IS FOR UNKNOWN UTILITIES UNLESS QUANTITIES ARE INCLUDED IN THE PLANS THE EXTRA WORK WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04.

WHEN PROPOSED SEWER (OR WATER) IS LOCATED 3.1 m (10'-0") OR MORE FROM EXISTING WATER (OR SEWER) NO SPECIAL CONSTRUCTION REQUIRED.

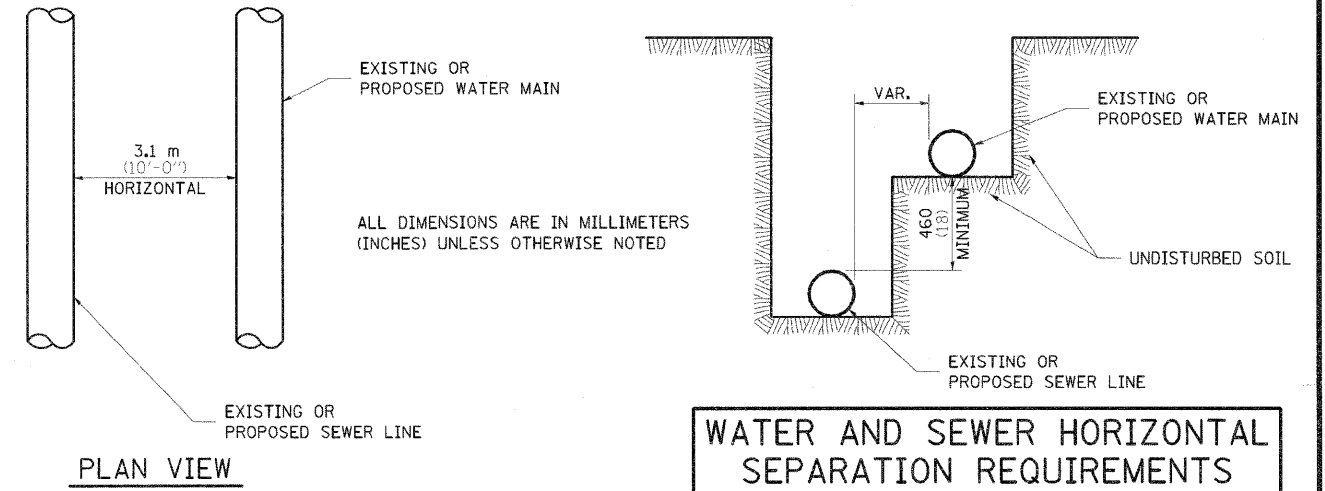
WHEN PROPOSED SEWER (OR WATER) IS LOCATED LESS THAN 3.1 m (10'-0") FROM EXISTING WATER (OR SEWER) DETAILS BELOW SHALL APPLY.



AT GRADE CROSSING OF SANITARY AND STORM SEWER

CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 50 (2) LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

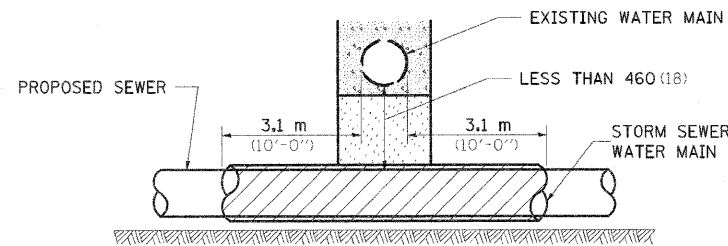
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED



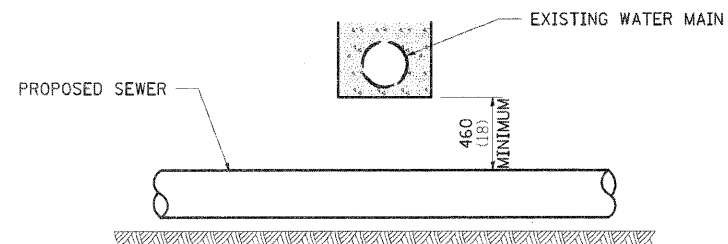
WATER AND SEWER HORIZONTAL SEPARATION REQUIREMENTS

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED

POINT LOADS SHALL NOT BE ALLOWED BETWEEN SEWER OR SEWER CASING AND WATER MAIN
PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH



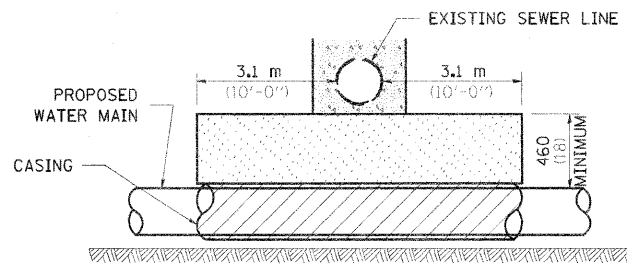
PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH
MAINTAIN 460 (18) MINIMUM VERTICAL SEPARATION FOR 3.1m (10') HORIZONTALLY



ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED

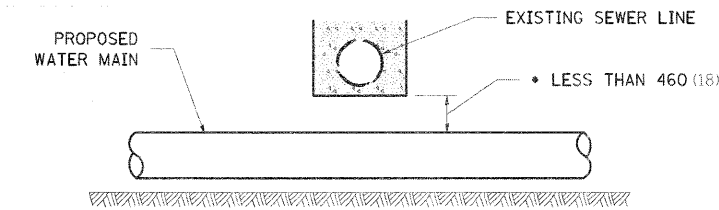
PROPOSED SEWER LINE BELOW EXISTING WATER MAIN

PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT
PLACE TRENCH BACKFILL FOR 3.1 m (10') ON EITHER SIDE OF SEWER LINE



CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 50 (2) LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH
MAINTAIN 460 (18) MINIMUM VERTICAL SEPARATION FOR 3.1 m (10') HORIZONTALLY

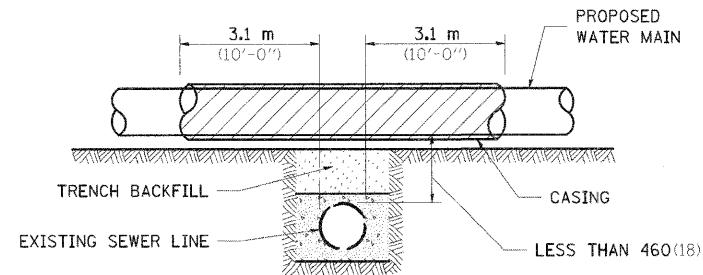


• NOT ALLOWED
MUST MAINTAIN 460 (18) VERTICAL SEPARATION

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED

PROPOSED WATER MAIN ABOVE EXISTING SEWER LINE

POINT LOADS SHALL NOT BE ALLOWED BETWEEN WATER MAIN OR WATER MAIN CASING AND SEWER

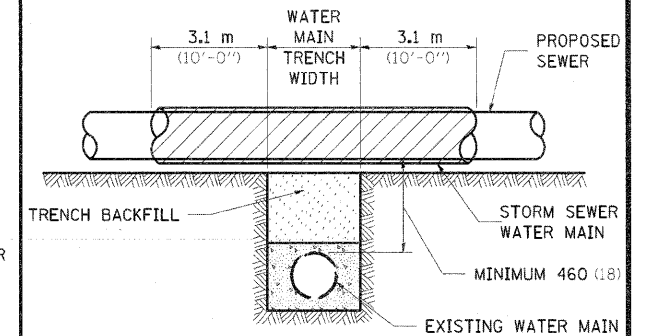


CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 50 (2) LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED

PROPOSED WATER MAIN ABOVE EXISTING SEWER LINE

PROVIDE ADEQUATE SUPPORT FOR SEWER TO PREVENT SETTLING AND BREAKING THE WATER MAIN.



ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED

EXISTING WATER MAIN BELOW PROPOSED SEWER LINE WITH MINIMUM 460 (18) VERTICAL SEPARATION

FILE NAME = 0264987-ent-de-ta1s-384.dgn

USER NAME = 3202090971

DESIGNED -

REVISED - 10-15-04

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

F.A. RTE. 303

SECTION 129K-1

COUNTY WINNEBAGO

TOTAL SHEETS 401
SHEET NO. 297
CONTRACT NO. 64987

PLOT SCALE = 100.0000' / IN.
PLOT DATE = 1/18/2011

DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -

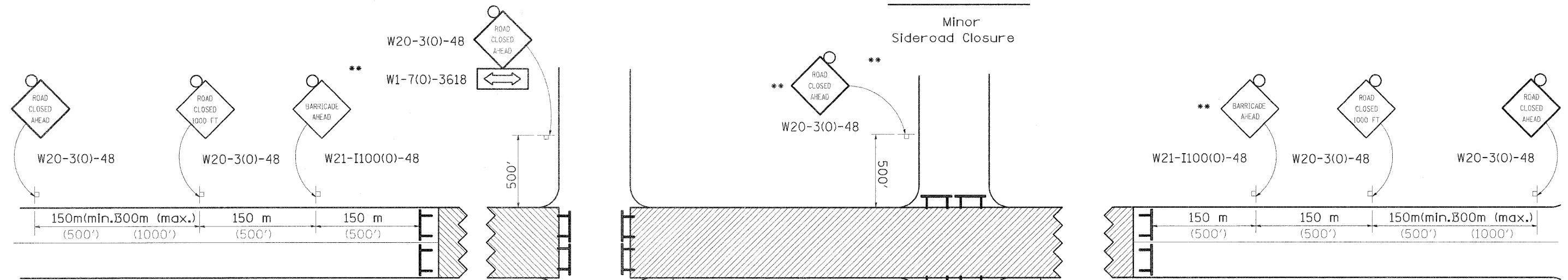
SCALE: SHEET NO. OF SHEETS STA. TO STA.

FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT

TRAFFIC CONTROL FOR ROAD CLOSURE

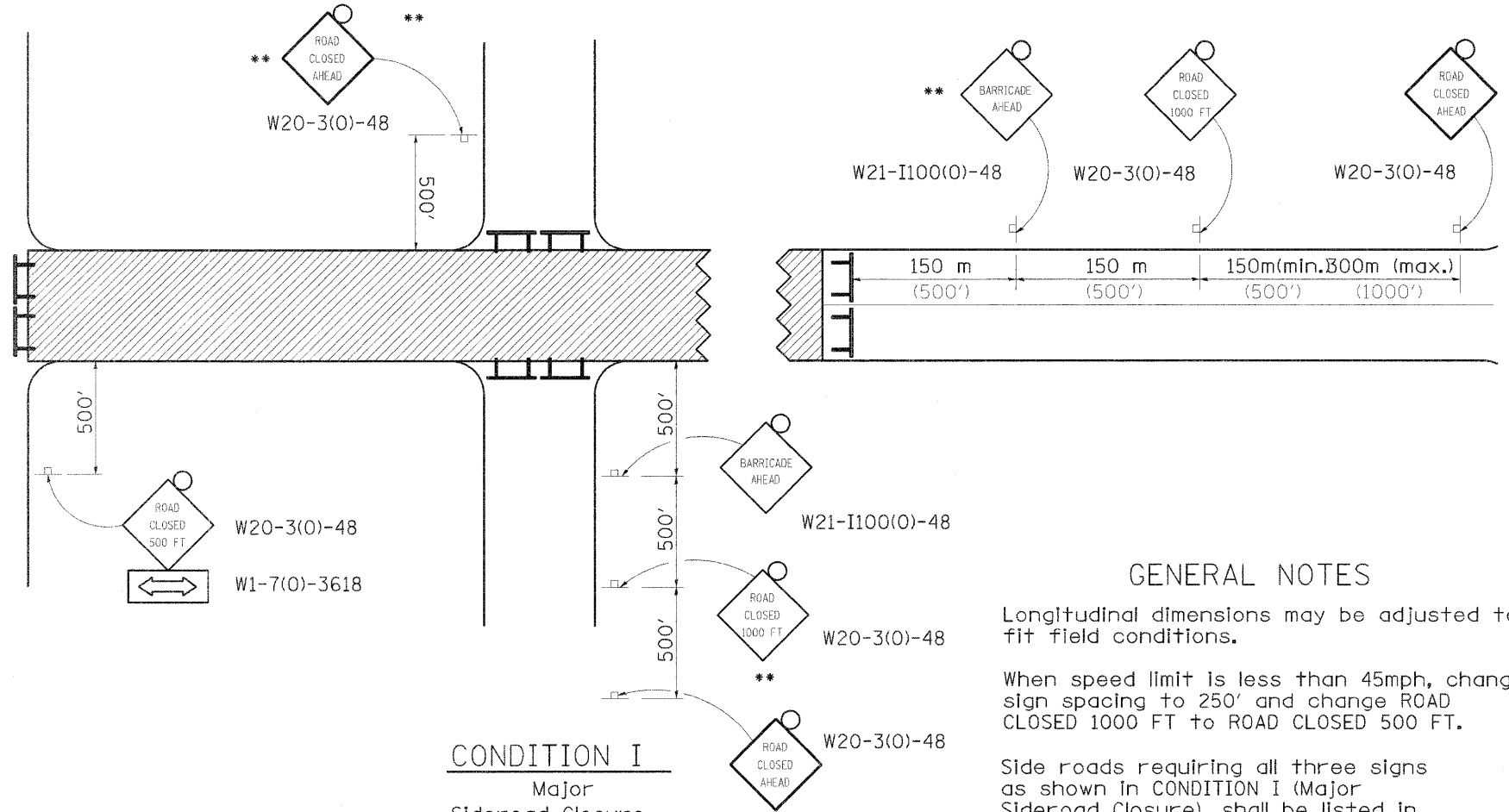
CONDITION II

Minor Sideroad Closure

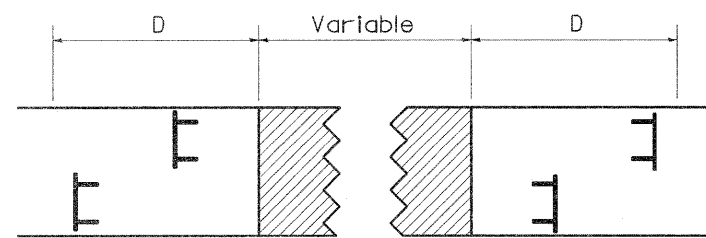


CONDITION I

Major Sideroad Closure






ROAD CLOSED TO THRU TRAFFIC BARRICADE SET UP



Type III Barricades and R11-4-4830 signs shall be as shown in "Road Closed To All Thru Traffic" detail on Highway Standard 701901. If the distance "D" exceeds 600 m (2000') an additional set of barricades and R11-4-4830 shall be placed at each end of the work area.

SYMBOLS

-  Work area
-  Type III Barricade with Flashers
-  Sign with flashing light

GENERAL NOTES

Longitudinal dimensions may be adjusted to fit field conditions.

When speed limit is less than 45mph, change sign spacing to 250' and change ROAD CLOSED 1000 FT to ROAD CLOSED 500 FT.

Side roads requiring all three signs as shown in CONDITION I (Major Sideroad Closure), shall be listed in the special provision.

** Where local access is to be maintained, barricades are to be set up as shown in Road Closed to thru traffic. Type III Barricades and R11-2-4830 signs shall be as shown in "Road Closed To All Traffic" detail on Highway Standard 701901.

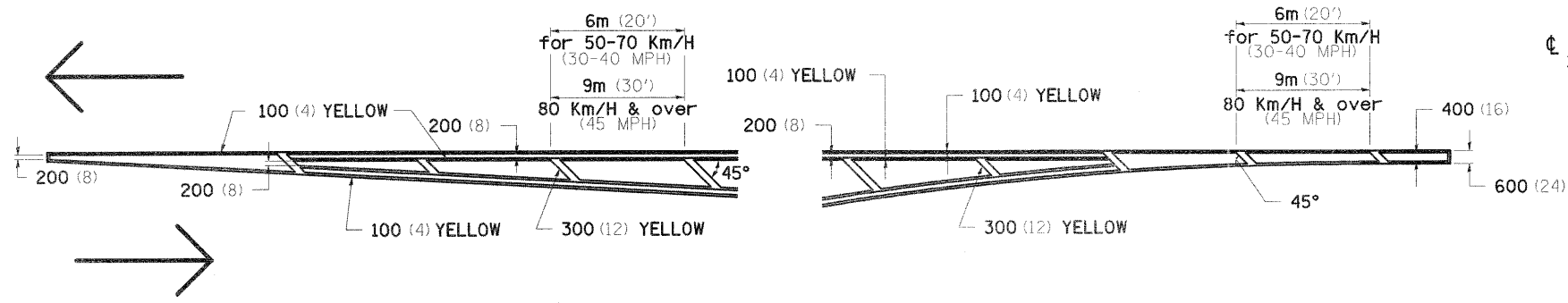
All dimensions are in millimeters (inches) unless otherwise shown.

TYPICAL APPLICATION FOR ROAD CLOSURE

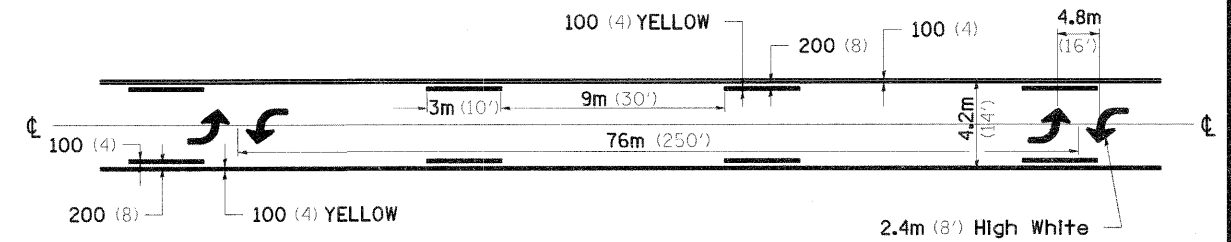
FILE NAME = 0264987-sht-detaila-305.dgn	USER NAME = 32020109971	DESIGNED -	REVISED - 1-11-08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			F.A. RTE. 303	SECTION 129K-1	COUNTY WINNEBAGO	TOTAL SHEETS 401	SHEET NO. 298
PLOT SCALE = 100.0000' / IN.	DRAWN -	CHECKED -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT CONTRACT NO. 64987		
PLOT DATE = 1/18/2011	DATE -	REVISED -	REVISED -		TRAFFIC CONTROL FOR ROAD CLOSURE 40.1							

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

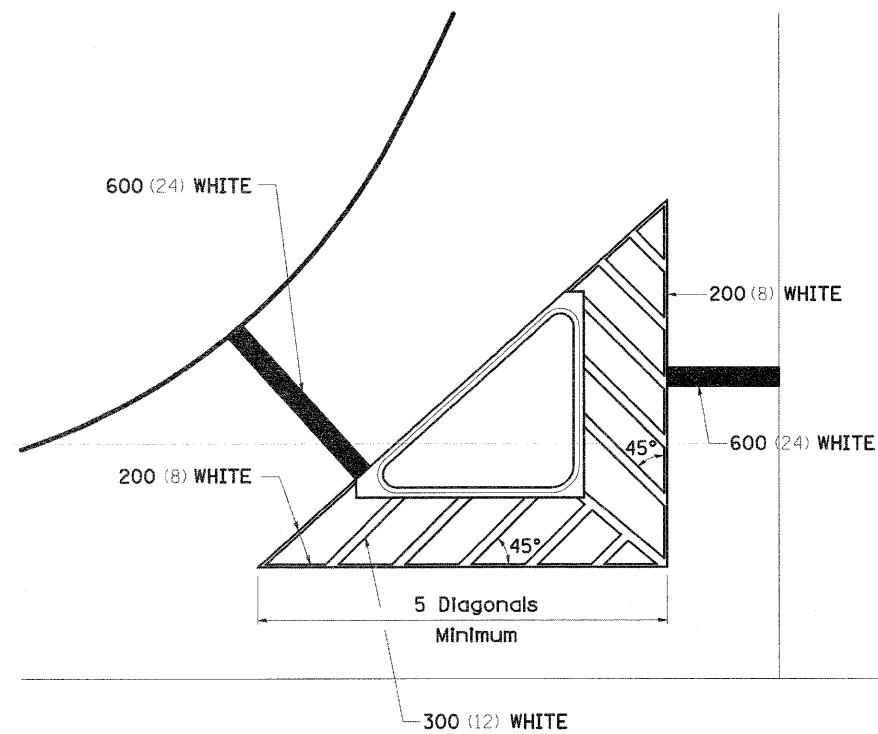


MEDIAN PAVEMENT MARKING

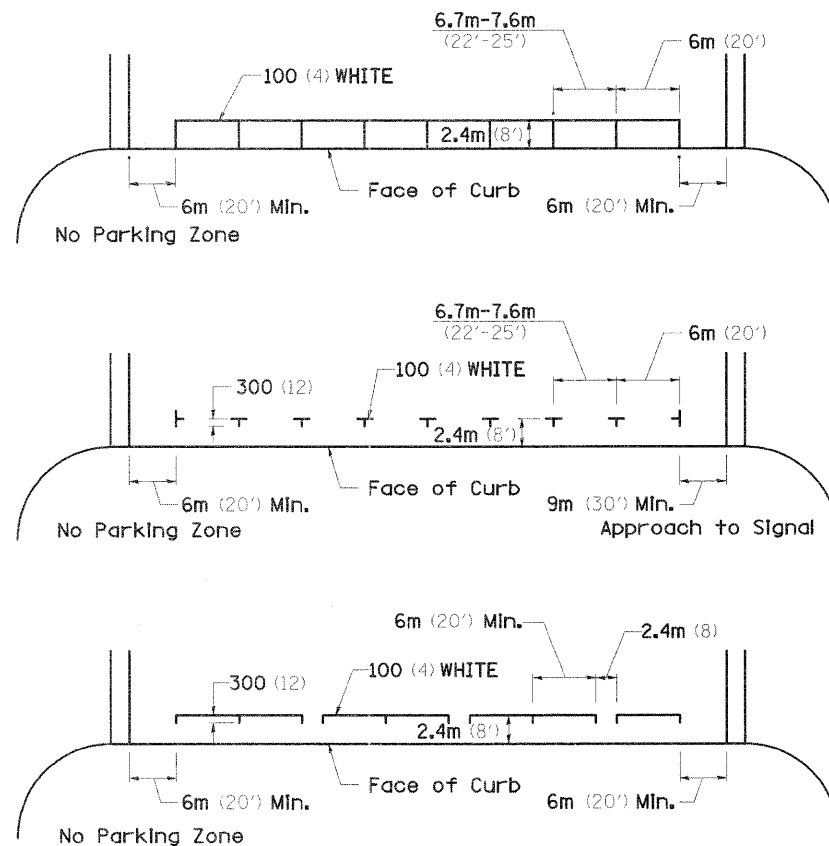


•• ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH

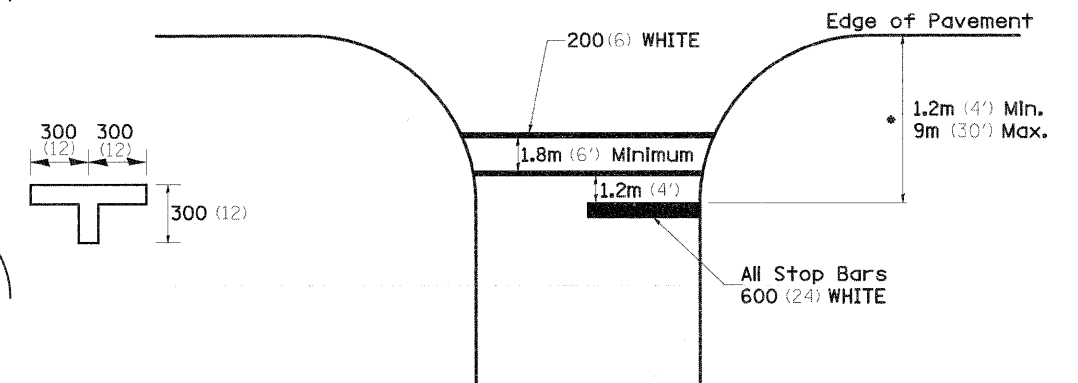


TYPICAL PARKING SPACING



STANDARD CROSSWALK MARKING

See Schedules for Locations

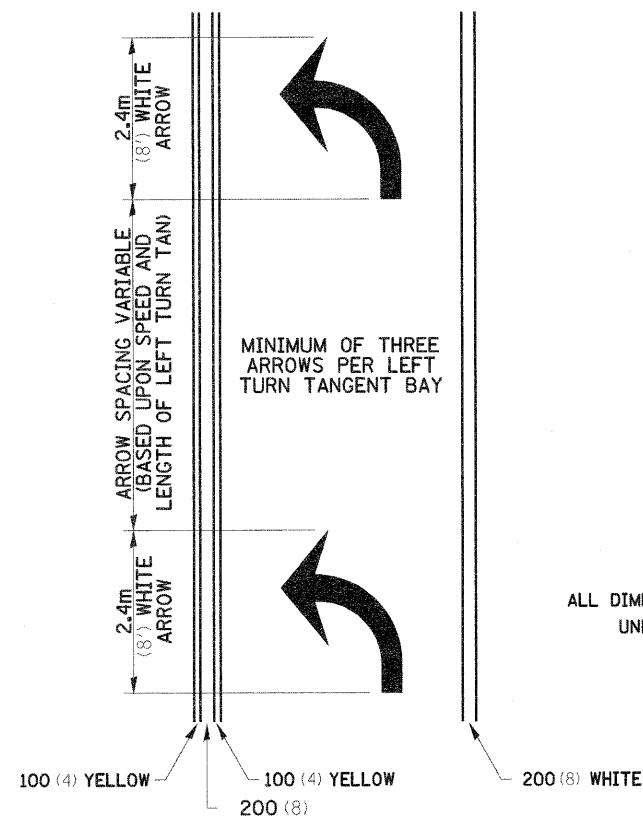


• Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

FILE NAME = 0264987-ht-details-306.dgn	USER NAME = 320209071	DESIGNED -	REVISED - 10-21-08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			F.A. RTE. 303	SECTION 129K-1	COUNTY WINNEBAGO	TOTAL SHEETS 4023	SHEET NO. 299			
PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISOR -	REVISOR -					SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 64987		
PLOT DATE = 1/18/2011	DATE -	REVISOR -	REVISOR -												

TYPICAL PAVEMENT MARKINGS

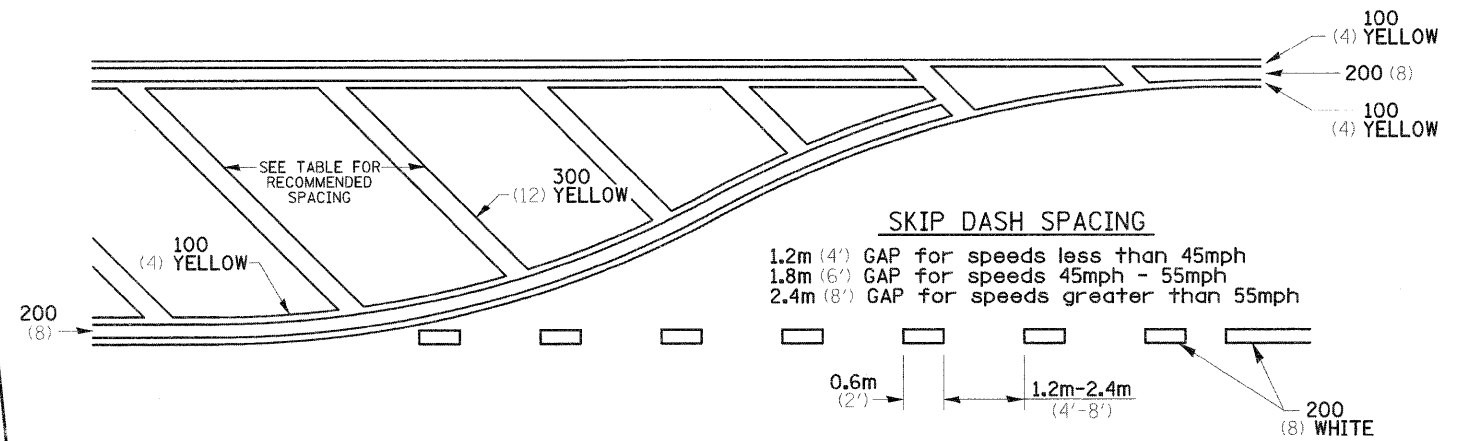
ARROW LAYOUT



- ▲ ONE-WAY AMBER MARKER
- △ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER

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

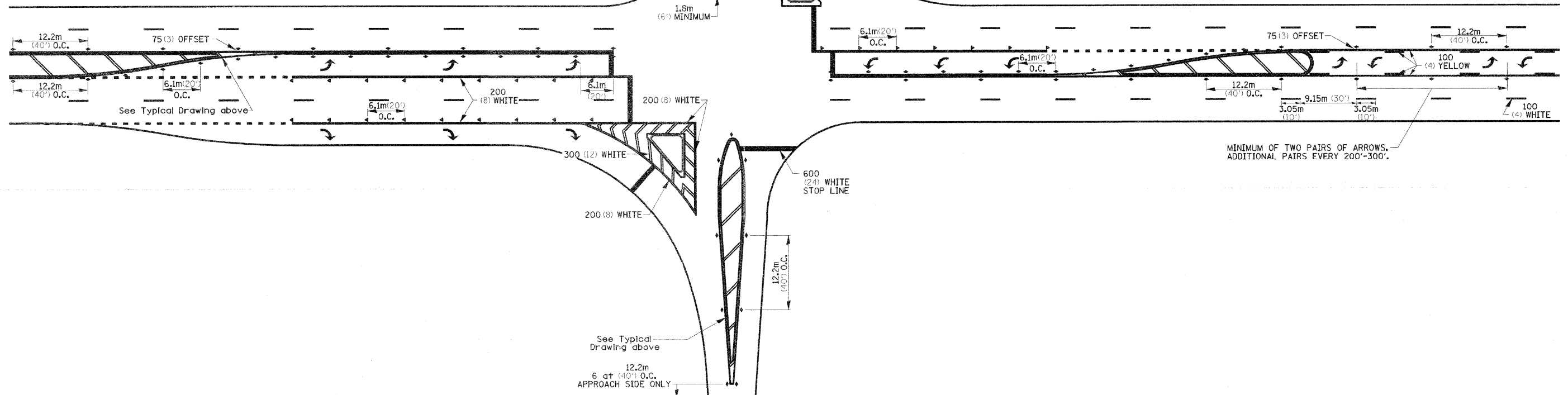
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 50Km/H (30MPH)	15.3m (50')	4.53m (15')	3.05m (10')
50-60Km/H (30-40MPH)	22.9m (75')	6.1m (20')	4.53m (15')
70Km/H (45MPH) & over	22.9m (75')	9.05m (30')	6.1m (20')

NOTE: If the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.



FILE NAME = D264987-ht-details-306.dgn	USER NAME = 320209071	DESIGNED -	REVISED - 10-21-08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			F.A. RTE. 303	SECTION 129K-1	COUNTY WINNEBAGO	TOTAL SHEETS 4023	SHEET NO. 300
	PLOT SCALE = 100.0000' / IN.	DRAWN -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 64987		
	PLOT DATE = 1/18/2011	CHECKED -	REVISED -									
		DATE -	REVISED -									