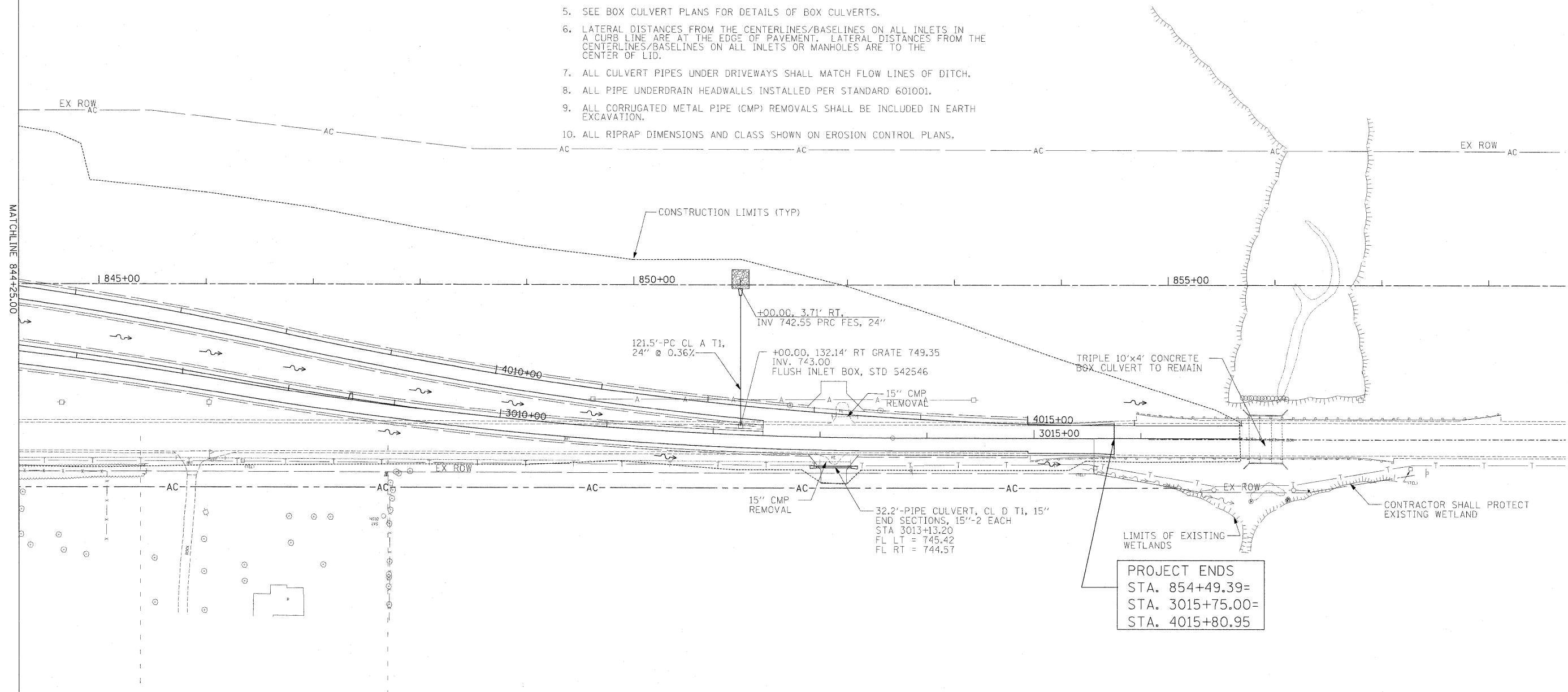


DRAINAGE LEGEND

- PRC PRECAST REINFORCED CONCRETE
- FES FLARED END SECTION
- EQRS ELLIPTICAL EQUIVALENT ROUND SIZE
- CL CLASS
- T TYPE

DRAINAGE GENERAL NOTES:

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4. ROADWAY AND DITCH PROFILES ARE SHOWN ON PROFILE SHEETS.
5. SEE BOX CULVERT PLANS FOR DETAILS OF BOX CULVERTS.
6. LATERAL DISTANCES FROM THE CENTERLINES/BASELINES ON ALL INLETS IN A CURB LINE ARE AT THE EDGE OF PAVEMENT. LATERAL DISTANCES FROM THE CENTERLINES/BASELINES ON ALL INLETS OR MANHOLES ARE TO THE CENTER OF LID.
7. ALL CULVERT PIPES UNDER DRIVEWAYS SHALL MATCH FLOW LINES OF DITCH.
8. ALL PIPE UNDERDRAIN HEADWALLS INSTALLED PER STANDARD 601001.
9. ALL CORRUGATED METAL PIPE (CMP) REMOVALS SHALL BE INCLUDED IN EARTH EXCAVATION.
10. ALL RIPRAP DIMENSIONS AND CLASS SHOWN ON EROSION CONTROL PLANS.



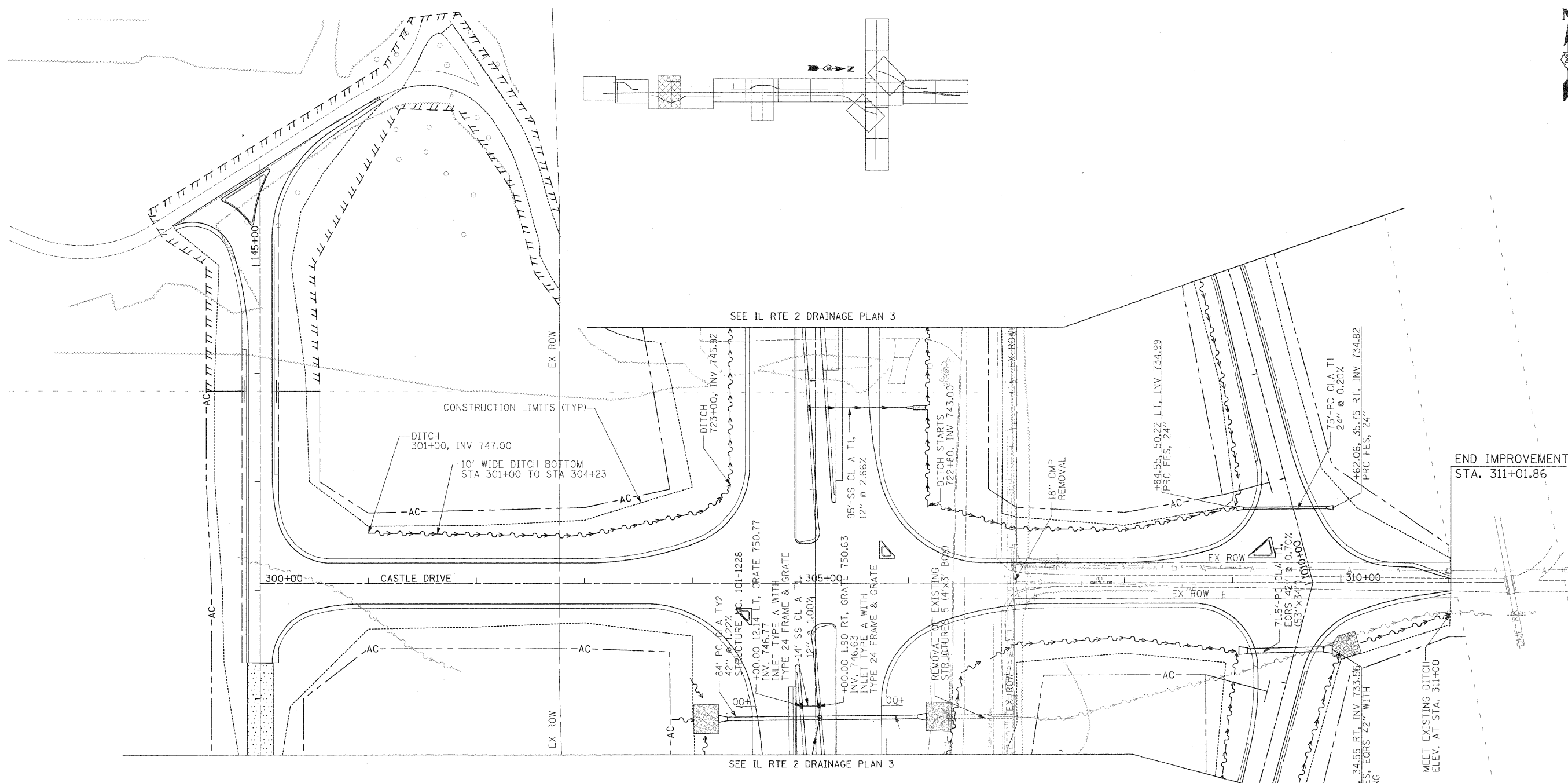
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DRAWN RDT	CHECKED GC	REVISED -
PLOT SCALE = 50.0000 FT / IN.	DATE 01-14-11	REVISED -
PLOT DATE = 2/2/2011		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ILLINOIS ROUTE 2 DRAINAGE PLAN 12 STA 844+25 TO 856+50	
SCALE: 1"=50'	SHEET NO. 201 OF 530 SHEETS
STA.	TO STA.

F.A.P. RTE. 734	SECTION 77-2-2 & 77-2B-1	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 201
CONTRACT NO. 64813				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



DRAINAGE LEGEND

- PRC PRECAST REINFORCED CONCRETE
- FES FLARED END SECTION
- EORS ELLIPTICAL EQUIVALENT ROUND SIZE
- CL CLASS
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10. ALL RIPRAP DIMENSIONS AND CLASS SHOWN ON EROSION CONTROL PLANS.
11. FOR DRAINAGE INFORMATION NOT LABELED HERE, SEE DRAINAGE PLAN 3 FOR DETAILS.

USER NAME = thompson	DESIGNED STS/GC	REVISED
PLOT SCALE = 30.0000 FT / IN.	DRAWN RDT	REVISED
PLOT DATE = 4/4/2011	CHECKED GC	REVISED
	DATE 01-14-11	REVISED

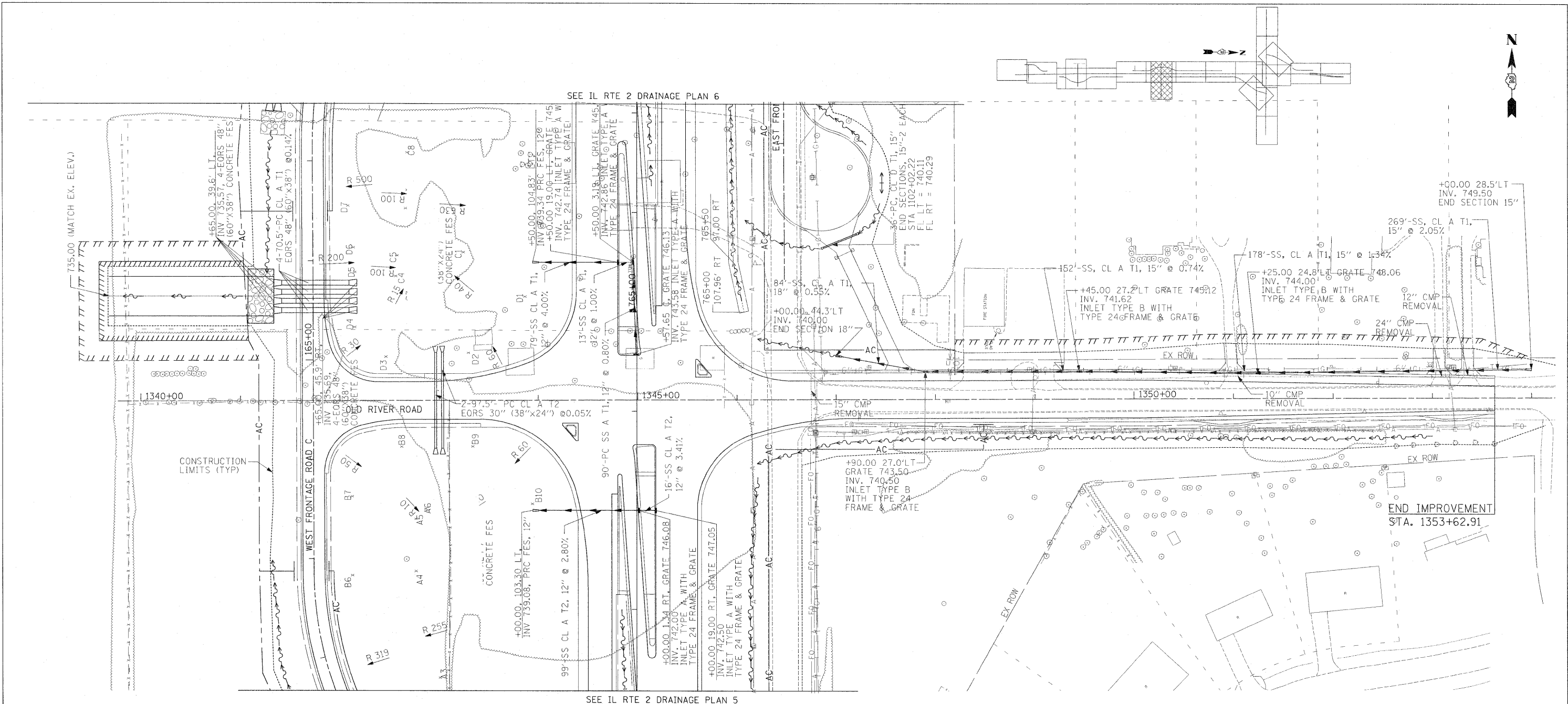
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ILLINOIS ROUTE 2
DRAINAGE PLAN 13
CASTLE DRIVE STA 300+00 TO 311+52.95
SCALE: 1"=50' SHEET NO. 202 OF 530 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	77-2-2 & 77-2B-1	WINNEBAGO	530	202
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

END IMPROVEMENT
STA. 311+01.86

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SEE IL RTE 2 DRAINAGE PLAN 6

SEE IL RTE 2 DRAINAGE PLAN 5

DRAINAGE LEGEND

- PRC PRECAST REINFORCED CONCRETE
- FES FLARED END SECTION
- EORS ELLIPTICAL EQUIVALENT ROUND SIZE
- CL CLASS
- T TYPE

DRAINAGE GENERAL NOTES:

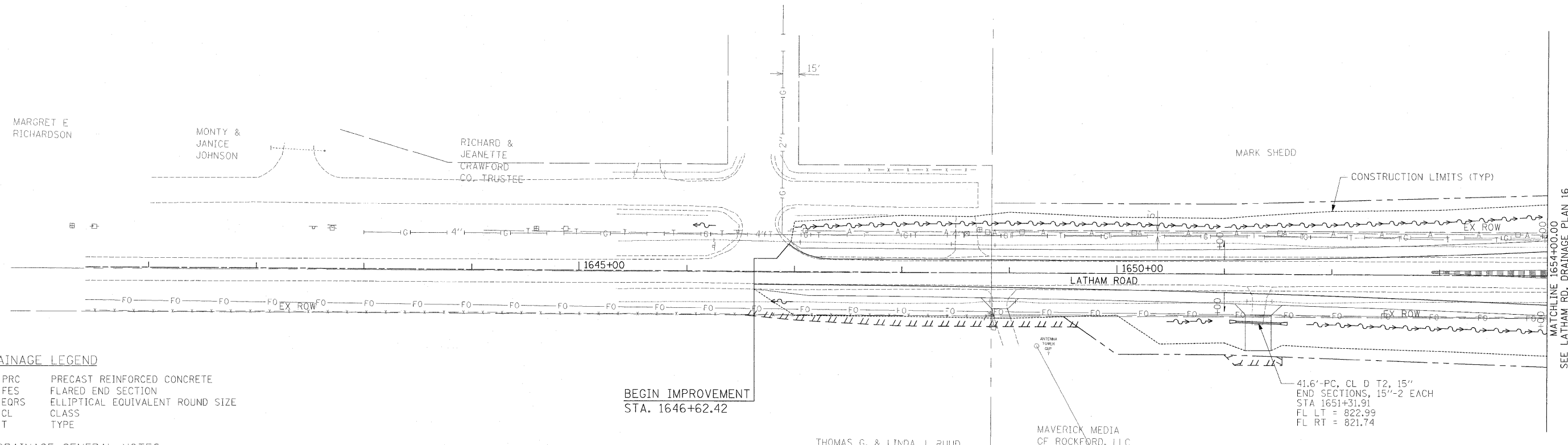
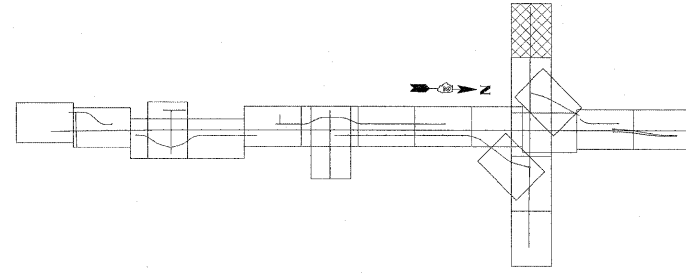
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USER NAME = zulkowad	DESIGNED STS/GC	REVISED -
DRAWN RDT	REVISED -	
PLOT SCALE = 50.0000 FT / IN.	CHECKED GC	REVISED -
PLOT DATE = 2/2/2011	DATE 01-14-11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ILLINOIS ROUTE 2
DRAINAGE PLAN 14
OLD RIVER RD STA 1339+77.16 TO 1353+62.91
SCALE: 1"=50'

F.A.P. RTE. 734	SECTION 77-2-2 & 77-28-1	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 203
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				CONTRACT NO. 64813



DRAINAGE LEGEND

- PRC PRECAST REINFORCED CONCRETE
- FES FLARED END SECTION
- EQRS ELLIPTICAL EQUIVALENT ROUND SIZE
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- T TYPE

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MATCHLINE 1654+00.00
SEE LATHAM RD. DRAINAGE PLAN 16

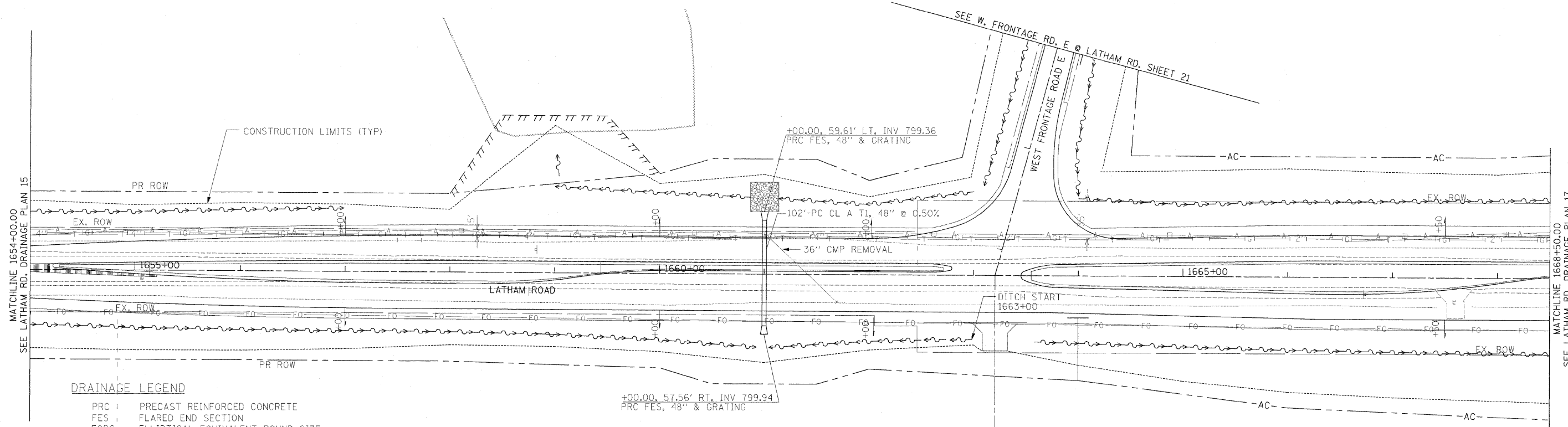
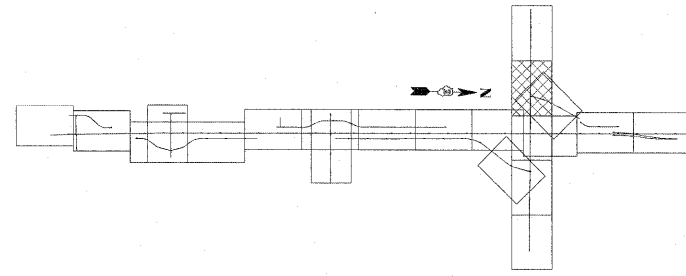
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PLOT DATE = 2/2/2011	DATE 01-14-11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ILLINOIS ROUTE 2 DRAINAGE PLAN 15 LATHAM RD STA 1643+04 TO STA 1654+00	
SCALE: 1"=50'	SHEET NO. 204 OF 530 SHEETS
STA.	TO STA.

F.A.P. RTE. 734	SECTION 77-2-2 & 77-2B-1	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 204
CONTRACT NO. 64813				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



DRAINAGE LEGEND

- PRC | PRECAST REINFORCED CONCRETE
- FES | FLARED END SECTION
- EORS | ELLIPTICAL EQUIVALENT ROUND SIZE
- CL | CLASS
- T | TYPE

DRAINAGE GENERAL NOTES:

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+00.00, 57.56' RT, INV 799.94
PRC FES, 48" & GRATING

STATION	1661+00 (Latham Rd.)
CULVERT SIZE & TYPE	102'-48" PRC
DRAINAGE AREA, IN ACRES	45.18
PROPOSED OPENING, IN SQ. FEET	12.6
50-Year Discharge, CFS	80.53
50-Year Headwater Elev.	804.26
100-Year Discharge, CFS	91.81
100-Year Headwater Elev.	804.74

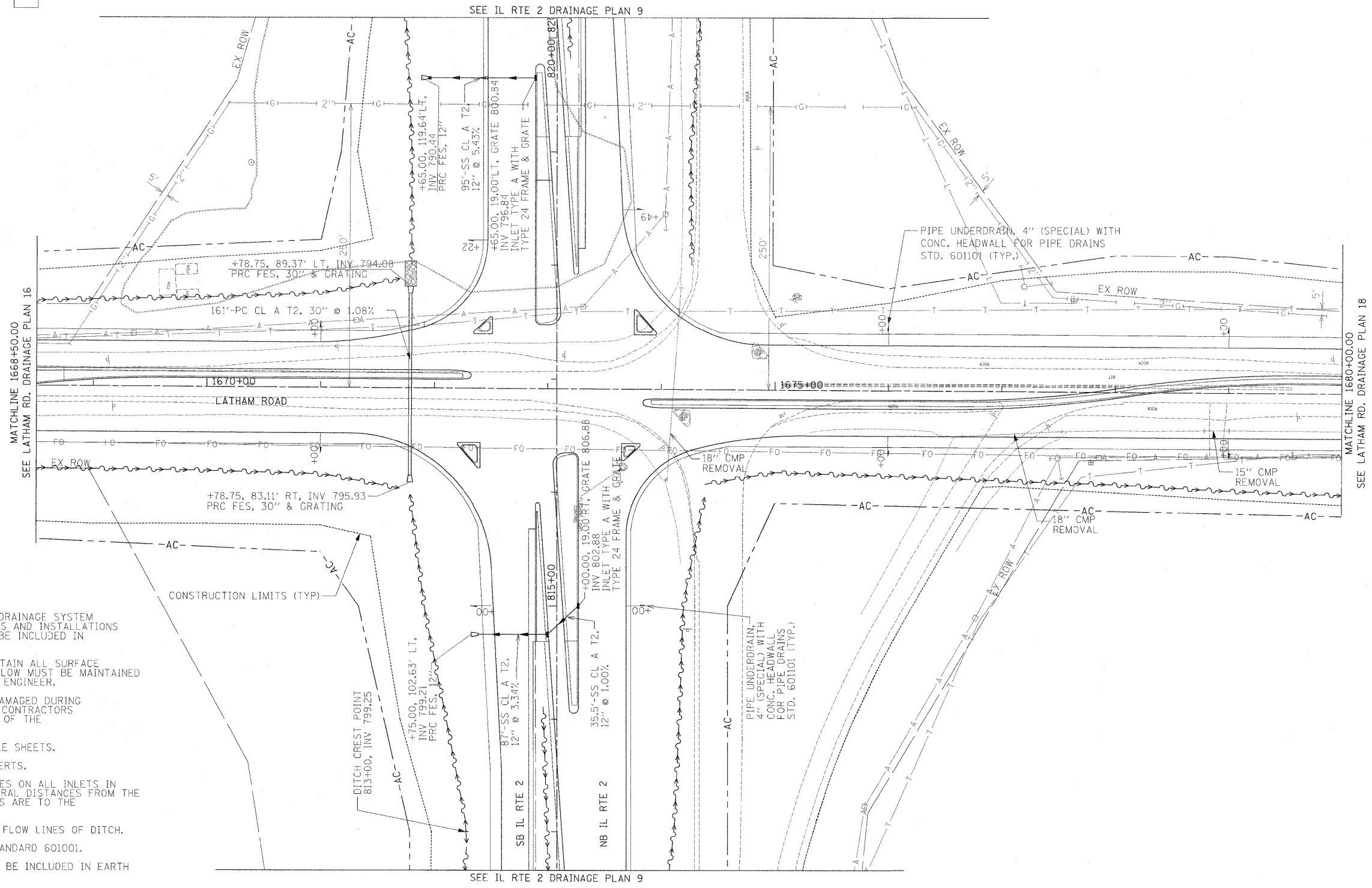
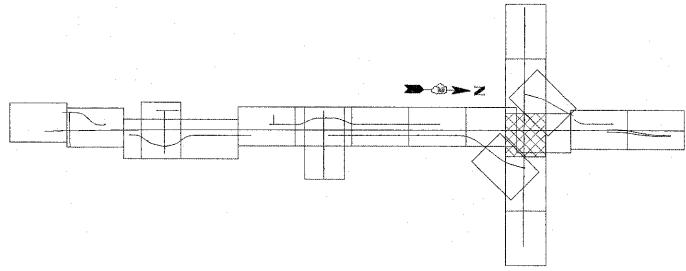
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PLOT DATE = 2/2/2011	DATE 01-14-11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ILLINOIS ROUTE 2 DRAINAGE PLAN 16 LATHAM RD STA 1654+00 TO STA 1668+50	
SCALE: 1"=50'	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	77-2-2 & 77-2B-1	WINNEBAGO	530	205
CONTRACT NO. 64813				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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DRAINAGE LEGEND

- PRC PRECAST REINFORCED CONCRETE
- FES FLARED END SECTION
- EO RS ELLIPTICAL EQUIVALENT ROUND SIZE
- CL CLASS
- T TYPE

DRAINAGE GENERAL NOTES:

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SEE IL RTE 2 DRAINAGE PLAN 9

SEE IL RTE 2 DRAINAGE PLAN 9

MATCHLINE 1668+50.00
SEE LATHAM RD. DRAINAGE PLAN 16

MATCHLINE 1680+00.00
SEE LATHAM RD. DRAINAGE PLAN 18

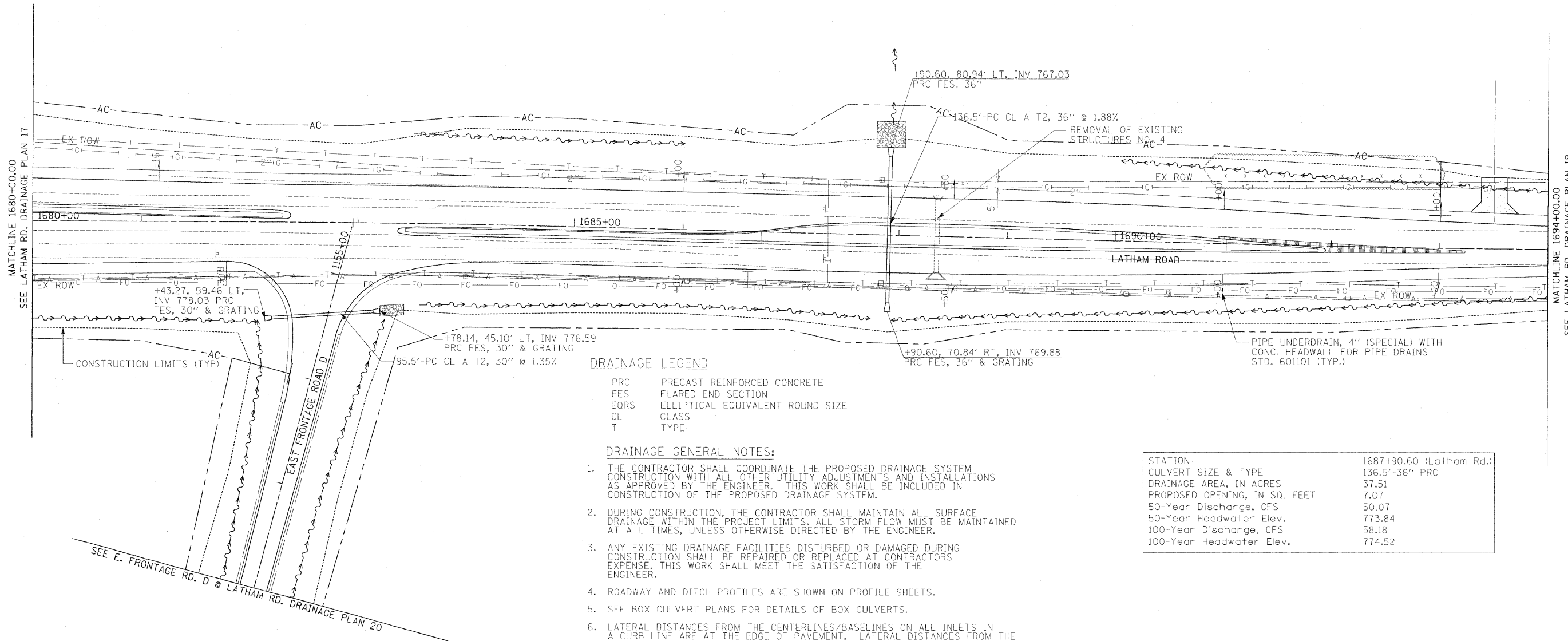
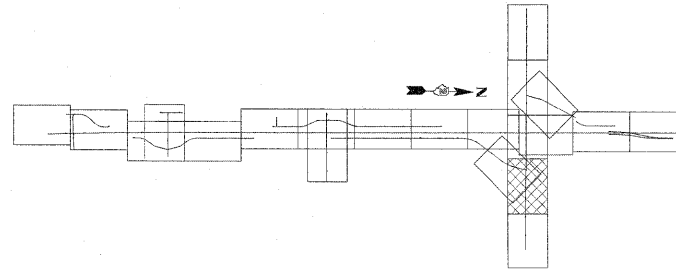
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ILLINOIS ROUTE 2
DRAINAGE PLAN 17
LATHAM RD STA 1668+50 TO STA 1680+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	77-2-2 & 77-2B-1	WINNEBAGO	530	206
CONTRACT NO. 64813				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

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PLOT DATE = 2/2/2011	CHECKED GC	REVISED -
	DATE 01-14-11	REVISED -

SCALE: 1"=50'
SHEET NO. 206 OF 530 SHEETS
STA. TO STA.



DRAINAGE LEGEND

- PRC PRECAST REINFORCED CONCRETE
- FES FLARED END SECTION
- EORS ELLIPTICAL EQUIVALENT ROUND SIZE
- CL CLASS
- T TYPE

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STATION	1687+90.60 (Latham Rd.)
CULVERT SIZE & TYPE	136.5'-36" PRC
DRAINAGE AREA, IN ACRES	37.51
PROPOSED OPENING, IN SQ. FEET	7.07
50-Year Discharge, CFS	50.07
50-Year Headwater Elev.	773.84
100-Year Discharge, CFS	58.18
100-Year Headwater Elev.	774.52

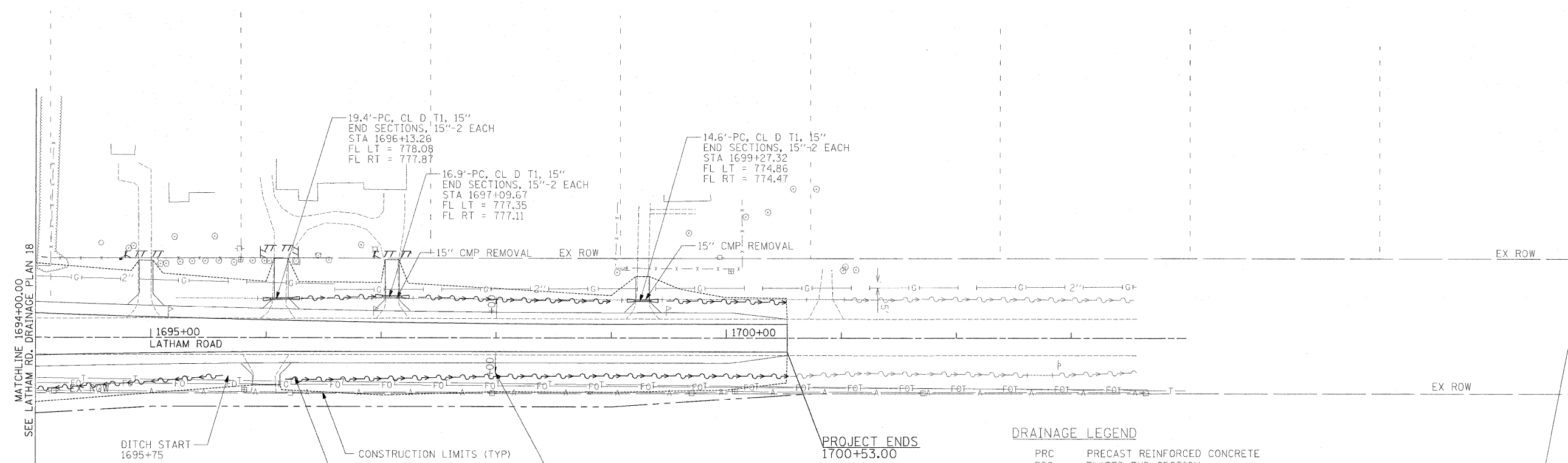
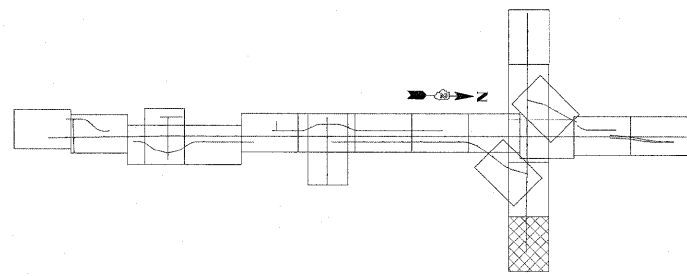
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PLOT DATE = 2/2/2011	CHECKED GC	REVISED -
	DATE 01-14-11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ILLINOIS ROUTE 2	
DRAINAGE PLAN 18	
LATHAM RD STA 1680+00 TO STA 1694+00	
SCALE: 1"=50'	SHEET NO. 207 OF 530 SHEETS
STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	77-2-2 & 77-2B-1	WINNEBAGO	530	207
CONTRACT NO. 64813				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



DRAINAGE LEGEND

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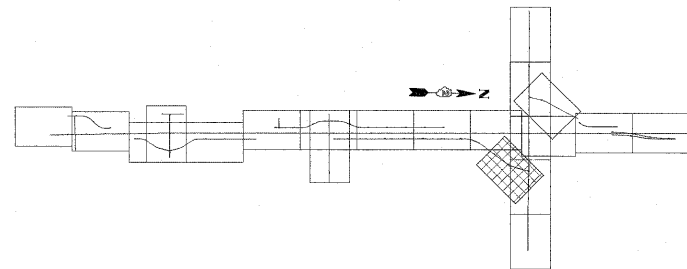
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PLOT DATE = 2/2/2011	CHECKED GC	REVISED -
	DATE 01-14-11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 2	
DRAINAGE PLAN 19	
LATHAM RD STA 1694+00 TO STA 1700+53	
SCALE: 1"=50'	SHEET NO. 208 OF 530 SHEETS STA. TO STA.

F.A.P. RTE. 734	SECTION 77-2-2 & 77-2B-1	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 208
CONTRACT NO. 64813				
ILLINOIS FED. AID PROJECT				

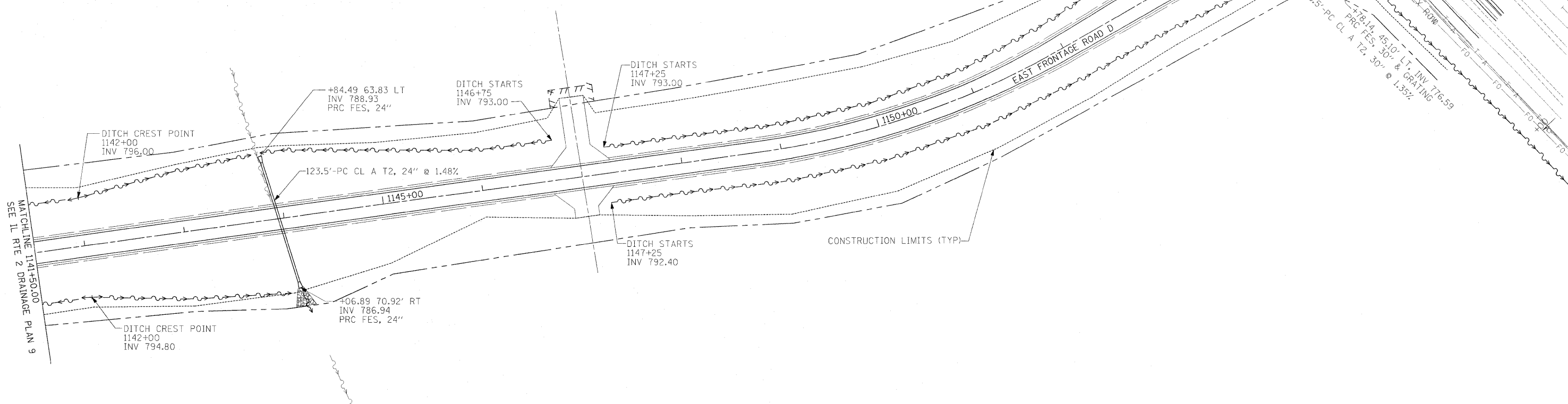


DRAINAGE LEGEND

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4. ROADWAY AND DITCH PROFILES ARE SHOWN ON PROFILE SHEETS.
5. SEE BOX CULVERT PLANS FOR DETAILS OF BOX CULVERTS.
6. LATERAL DISTANCES FROM THE CENTERLINES/BASELINES ON ALL INLETS IN A CURB LINE ARE AT THE EDGE OF PAVEMENT. LATERAL DISTANCES FROM THE CENTERLINES/BASELINES ON ALL INLETS OR MANHOLES ARE TO THE CENTER OF LID.
7. ALL CULVERT PIPES UNDER DRIVEWAYS SHALL MATCH FLOW LINES OF DITCH.
8. ALL PIPE UNDERDRAIN HEADWALLS INSTALLED PER STANDARD 601001.
9. ALL CORRUGATED METAL PIPE (CMP) REMOVALS SHALL BE INCLUDED IN EARTH EXCAVATION.
10. ALL RIPRAP DIMENSIONS AND CLASS SHOWN ON EROSION CONTROL PLANS.



MATCHLINE 1141+50.00 SEE 11 RTE 2 DRAINAGE PLAN 9

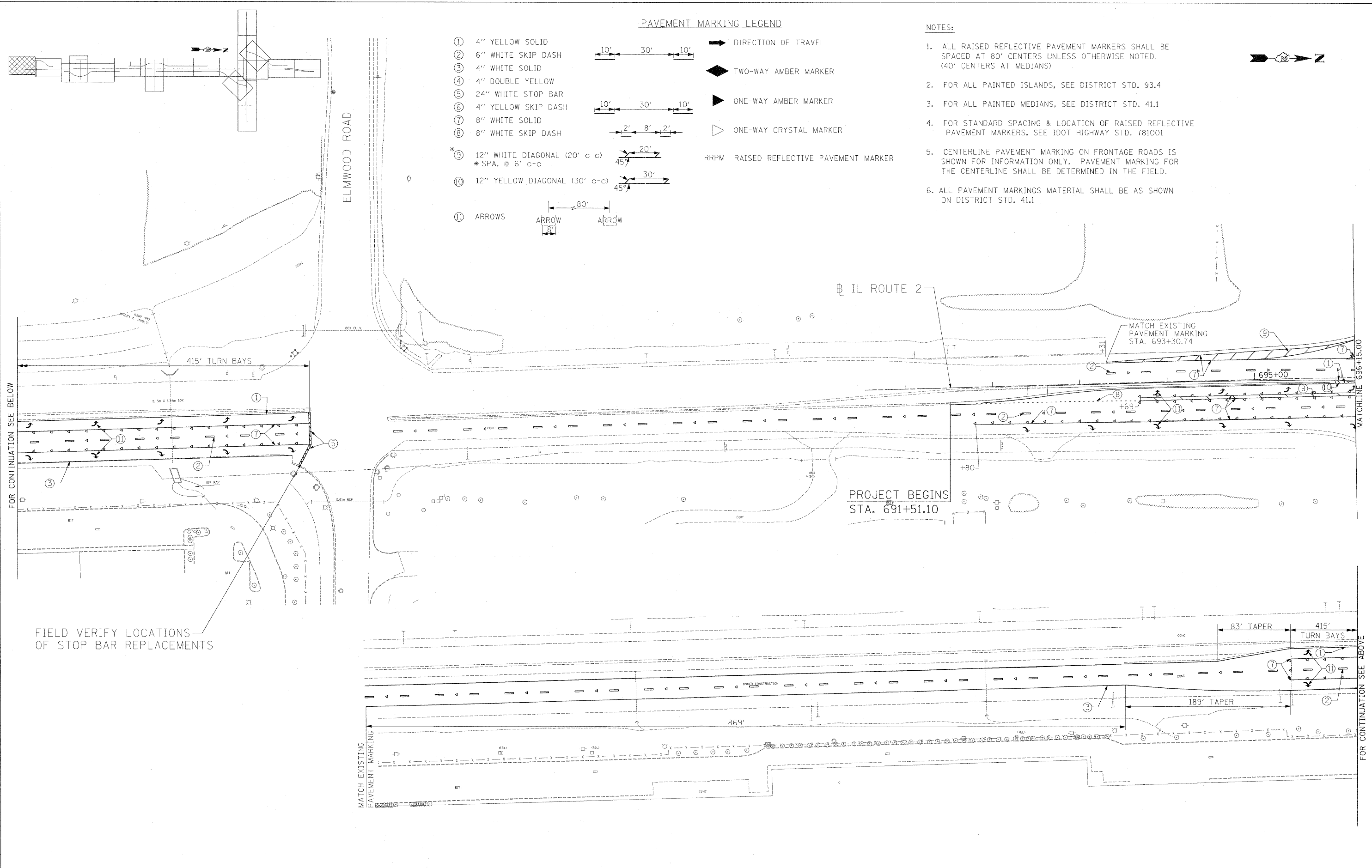
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USER NAME = zulkowsd	DESIGNED STS/GC	REVISED -
	DRAWN RDT	REVISED -
PLOT SCALE = 50.0000 FT / IN.	CHECKED CC	REVISED -
PLOT DATE = 2/2/2011	DATE 01-14-11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ILLINOIS ROUTE 2 DRAINAGE PLAN 20 EAST FRONTAGE ROAD D @ LATHAM ROAD	
SCALE: 1"=50'	TO STA.
SHEET NO. 209 OF 530 SHEETS	STA.

F.A.P. RTE. 734	SECTION 77-2-2 & 77-2B-1	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 209
CONTRACT NO. 64813				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- ① 4" YELLOW SOLID
 - ② 6" WHITE SKIP DASH
 - ③ 4" WHITE SOLID
 - ④ 4" DOUBLE YELLOW
 - ⑤ 24" WHITE STOP BAR
 - ⑥ 4" YELLOW SKIP DASH
 - ⑦ 8" WHITE SOLID
 - ⑧ 8" WHITE SKIP DASH
 - *⑨ 12" WHITE DIAGONAL (20' c-c)
* SPA. @ 6' c-c
 - ⑩ 12" YELLOW DIAGONAL (30' c-c)
 - ⑪ ARROWS
- 10' 30' 10' → DIRECTION OF TRAVEL
 10' 30' 10' → TWO-WAY AMBER MARKER
 2' 8' 2' → ONE-WAY AMBER MARKER
 2' 8' 2' → ONE-WAY CRYSTAL MARKER
 20' 45° → RRPM RAISED REFLECTIVE PAVEMENT MARKER
 30' 45° → RRPM RAISED REFLECTIVE PAVEMENT MARKER
 80' → ARROW
 8" → ARROW

NOTES:

1. ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE SPACED AT 80' CENTERS UNLESS OTHERWISE NOTED. (40' CENTERS AT MEDIANS)
2. FOR ALL PAINTED ISLANDS, SEE DISTRICT STD. 93.4
3. FOR ALL PAINTED MEDIANS, SEE DISTRICT STD. 41.1
4. FOR STANDARD SPACING & LOCATION OF RAISED REFLECTIVE PAVEMENT MARKERS, SEE IDOT HIGHWAY STD. 781001
5. CENTERLINE PAVEMENT MARKING ON FRONTAGE ROADS IS SHOWN FOR INFORMATION ONLY. PAVEMENT MARKING FOR THE CENTERLINE SHALL BE DETERMINED IN THE FIELD.
6. ALL PAVEMENT MARKINGS MATERIAL SHALL BE AS SHOWN ON DISTRICT STD. 41.1

FOR CONTINUATION SEE BELOW

MATCHLINE 696+15.00

FOR CONTINUATION SEE ABOVE

FIELD VERIFY LOCATIONS OF STOP BAR REPLACEMENTS

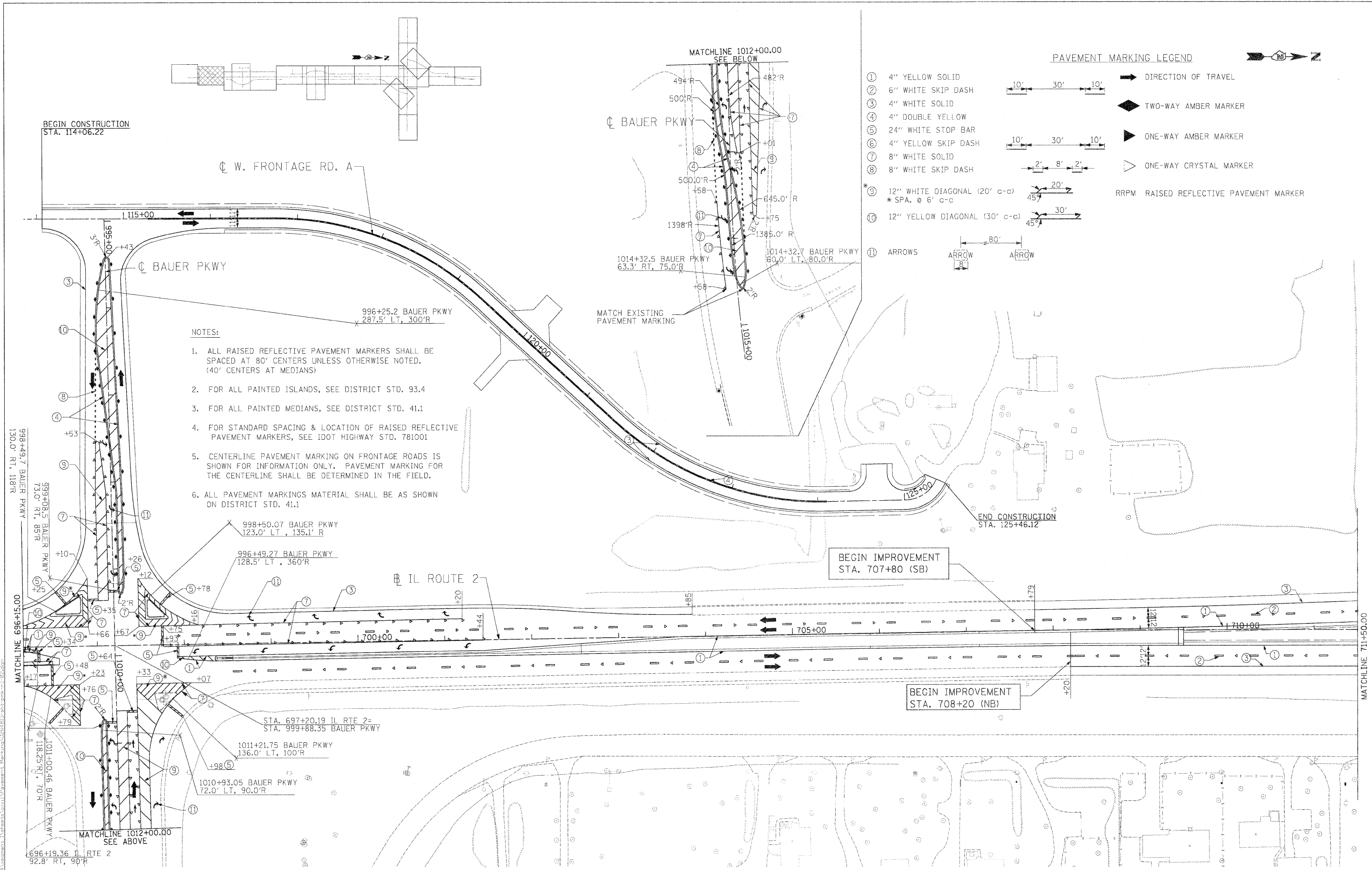
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USER NAME = zulkowd	DESIGNED STS/GC	REVISED -
PI OT SCALE = 50.0000 FT / IN.	DRAWN RDT	REVISED -
PLOT DATE = 2/2/2011	CHECKED GC	REVISED -
	DATE 01-14-11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 2 PAVEMENT MARKING 1 ELMWOOD RD. TO STA 696+15	
SCALE: 1"=50'	SHEET NO. 211 OF 530 SHEETS
STA.	TO STA.

F.A.P. RTE. 734	SECTION 77-2-2 & 77-2B-1	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 211
CONTRACT NO. 64813				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



NOTES:

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6. ALL PAVEMENT MARKINGS MATERIAL SHALL BE AS SHOWN ON DISTRICT STD. 41.1

PAVEMENT MARKING LEGEND

- ① 4" YELLOW SOLID
 - ② 6" WHITE SKIP DASH
 - ③ 4" WHITE SOLID
 - ④ 4" DOUBLE YELLOW
 - ⑤ 24" WHITE STOP BAR
 - ⑥ 4" YELLOW SKIP DASH
 - ⑦ 8" WHITE SOLID
 - ⑧ 8" WHITE SKIP DASH
 - ⑨ 12" WHITE DIAGONAL (20' c-c)
* SPA. @ 6' c-c
 - ⑩ 12" YELLOW DIAGONAL (30' c-c)
 - ⑪ ARROWS
- DIRECTION OF TRAVEL
 TWO-WAY AMBER MARKER
 ONE-WAY AMBER MARKER
 ONE-WAY CRYSTAL MARKER
 RRPM RAISED REFLECTIVE PAVEMENT MARKER

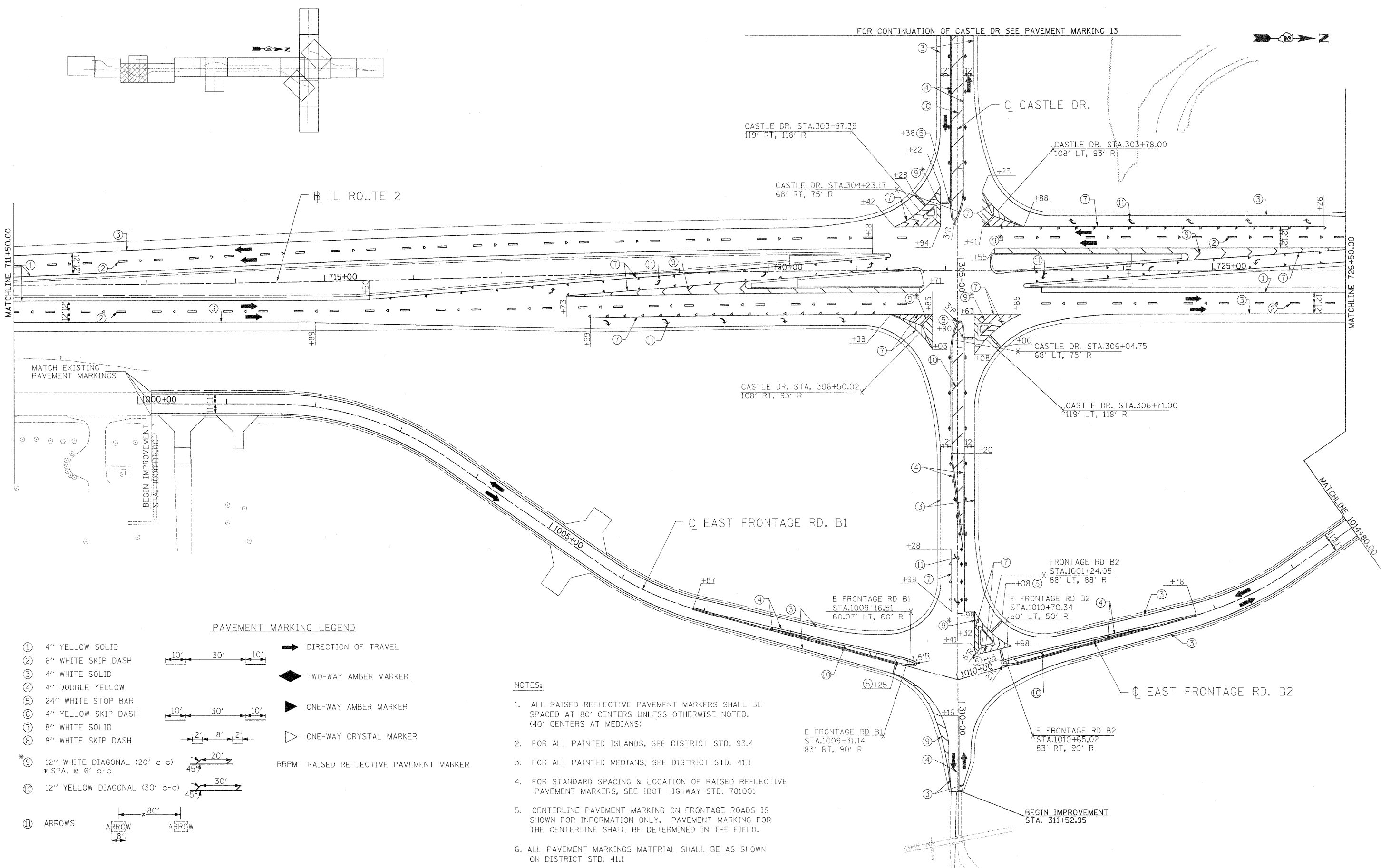
IL ROUTE 2

BEGIN IMPROVEMENT
STA. 707+80 (SB)

BEGIN IMPROVEMENT
STA. 708+20 (NB)

USER NAME: thompson PLO1 SCALE: 1/8" = 1' / IN. PLO2 DATE: 4/4/2011	DESIGNED STS/GC DRAWN RDT CHECKED GC DATE 01-14-11	REVISED REVISED REVISED REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINOIS ROUTE 2 PAVEMENT MARKING 2 STA 696+15 TO 711+50 SCALE: 1"=50' SHEET NO. 212 OF 530 SHEETS STA. TO STA.	F.A.P. RTE. 734 SECTION 77-2-2 & 77-2B-1 COUNTY WINNEBAGO TOTAL SHEETS 530 SHEET NO. 212 CONTRACT NO. 64813 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
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FOR CONTINUATION OF CASTLE DR SEE PAVEMENT MARKING 13



PAVEMENT MARKING LEGEND

- ① 4" YELLOW SOLID
 - ② 6" WHITE SKIP DASH
 - ③ 4" WHITE SOLID
 - ④ 4" DOUBLE YELLOW
 - ⑤ 24" WHITE STOP BAR
 - ⑥ 4" YELLOW SKIP DASH
 - ⑦ 8" WHITE SOLID
 - ⑧ 8" WHITE SKIP DASH
 - * ⑨ 12" WHITE DIAGONAL (20' c-c)
* SPA. @ 6' c-c
 - ⑩ 12" YELLOW DIAGONAL (30' c-c)
 - ⑪ ARROWS
-
- ➔ DIRECTION OF TRAVEL
 - ◆ TWO-WAY AMBER MARKER
 - ▶ ONE-WAY AMBER MARKER
 - ▷ ONE-WAY CRYSTAL MARKER
 - RRPM RAISED REFLECTIVE PAVEMENT MARKER

NOTES:

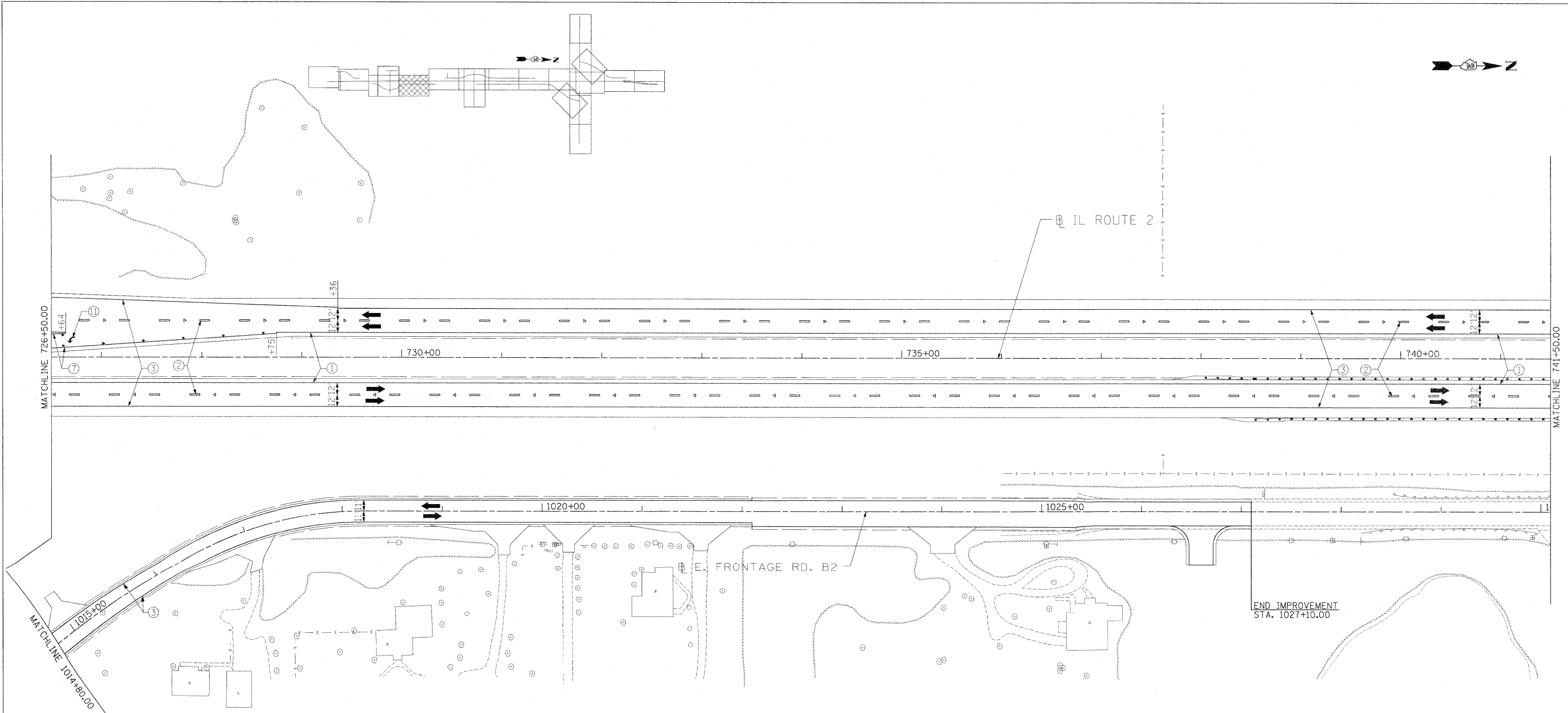
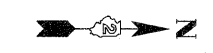
1. ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE SPACED AT 80' CENTERS UNLESS OTHERWISE NOTED. (40' CENTERS AT MEDIANS)
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6. ALL PAVEMENT MARKINGS MATERIAL SHALL BE AS SHOWN ON DISTRICT STD. 41.1

USER NAME = thompson	DESIGNED STS/GC	REVISED
DRAWN RDT	REVISOR	REVISOR
CHECKED GC	REVISOR	REVISOR
DATE 01-14-11	REVISOR	REVISOR

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 2
PAVEMENT MARKING 3
STA 711+50 TO 726+50
SCALE: 1"=50'

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	77-2-2 & 77-2B-1	WINNEBAGO	530	213
CONTRACT NO. 64813				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- ① 4" YELLOW SOLID
 - ② 6" WHITE SKIP DASH
 - ③ 4" WHITE SOLID
 - ④ 4" DOUBLE YELLOW
 - ⑤ 24" WHITE STOP BAR
 - ⑥ 4" YELLOW SKIP DASH
 - ⑦ 8" WHITE SOLID
 - ⑧ 8" WHITE SKIP DASH
 - *⑨ 12" WHITE DIAGONAL (20' c-c)
* SPA. @ 6' c-c
 - ⑩ 12" YELLOW DIAGONAL (30' c-c)
 - ⑪ ARROWS
- ➔ DIRECTION OF TRAVEL
 - ◆ TWO-WAY AMBER MARKER
 - ▶ ONE-WAY AMBER MARKER
 - ▷ ONE-WAY CRYSTAL MARKER
 - RRPM RAISED REFLECTIVE PAVEMENT MARKER

NOTES:

1. ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE SPACED AT 80' CENTERS UNLESS OTHERWISE NOTED. (40' CENTERS AT MEDIANS)
2. FOR ALL PAINTED ISLANDS, SEE DISTRICT STD. 93.4
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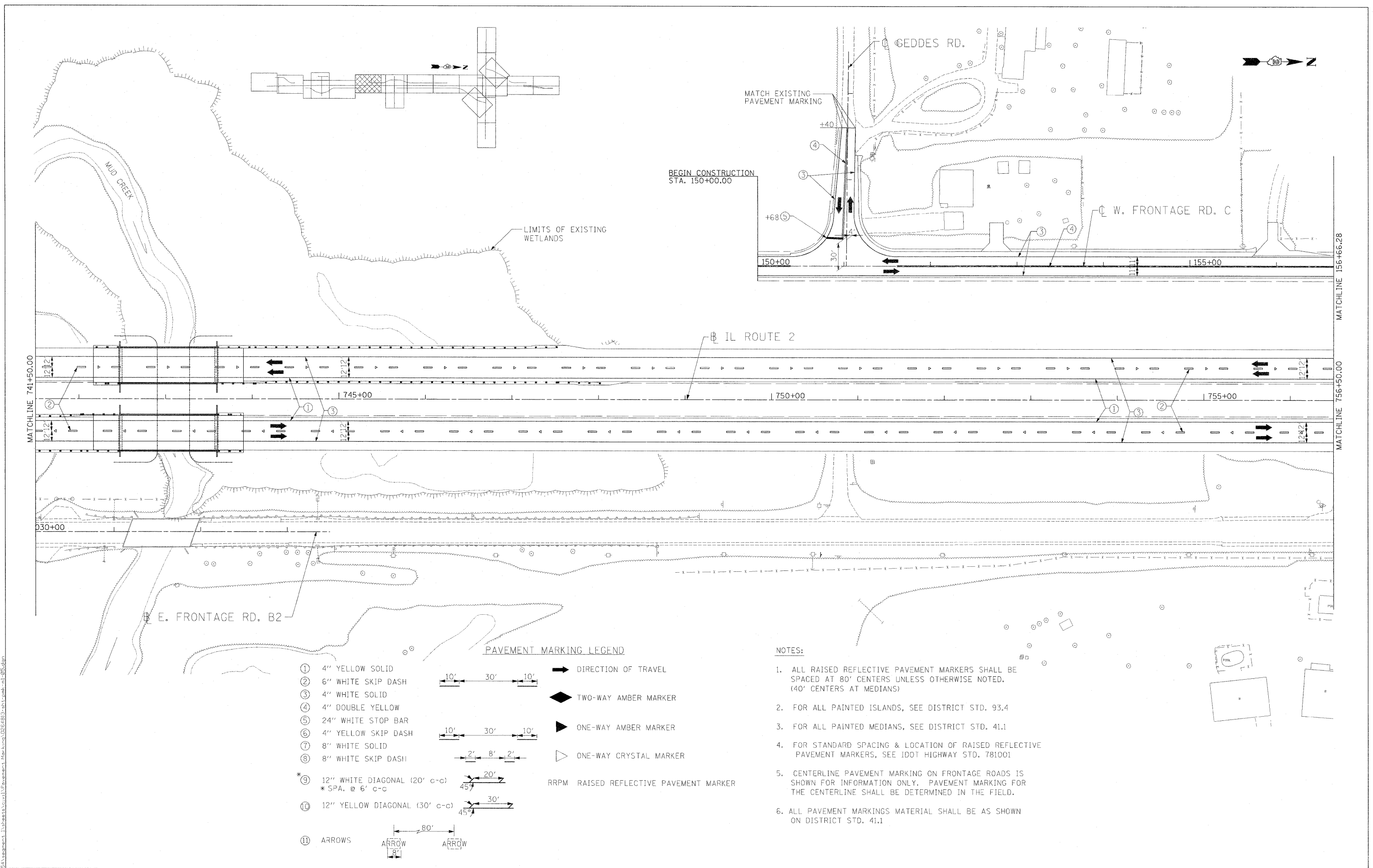
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USER NAME = zulkowsd	DESIGNED STS/GC	REVISED -
PLDT SCALE = 50.0000 FT / IN.	DRAWN RDT	REVISED -
PLDT DATE = 2/2/2011	CHECKED GC	REVISED -
	DATE 01-14-11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 2 PAVEMENT MARKING 4 STA 726+50 TO 741+50	
SCALE: 1"=50'	SHEET NO. 214 OF 530 SHEETS
STA.	TO STA.

F.A.P. RTE. 734	SECTION 77-2-2 & 77-2B-1	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 214
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 64813	



BEGIN CONSTRUCTION STA. 150+00.00

PAVEMENT MARKING LEGEND

- ① 4" YELLOW SOLID
 - ② 6" WHITE SKIP DASH
 - ③ 4" WHITE SOLID
 - ④ 4" DOUBLE YELLOW
 - ⑤ 24" WHITE STOP BAR
 - ⑥ 4" YELLOW SKIP DASH
 - ⑦ 8" WHITE SOLID
 - ⑧ 8" WHITE SKIP DASH
 - *⑨ 12" WHITE DIAGONAL (20' c-c)
* SPA. @ 6' c-c
 - ⑩ 12" YELLOW DIAGONAL (30' c-c)
 - ⑪ ARROWS
- 10' 30' 10'
 10' 30' 10'
 2' 8' 2'
 45° 20'
 45° 30'
 80' 8' ARROW ARROW
- DIRECTION OF TRAVEL
 TWO-WAY AMBER MARKER
 ONE-WAY AMBER MARKER
 ONE-WAY CRYSTAL MARKER
 RRPM RAISED REFLECTIVE PAVEMENT MARKER

NOTES:

1. ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE SPACED AT 80' CENTERS UNLESS OTHERWISE NOTED. (40' CENTERS AT MEDIANS)
2. FOR ALL PAINTED ISLANDS, SEE DISTRICT STD. 93.4
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USER NAME = zukowsd	DESIGNED STS/GC	REVISED -
PLDT SCALE = 50,000 FT / IN.	DRAWN RDT	REVISED -
DATE = 2/2/2011	CHECKED GC	REVISED -
	DATE 01-14-11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

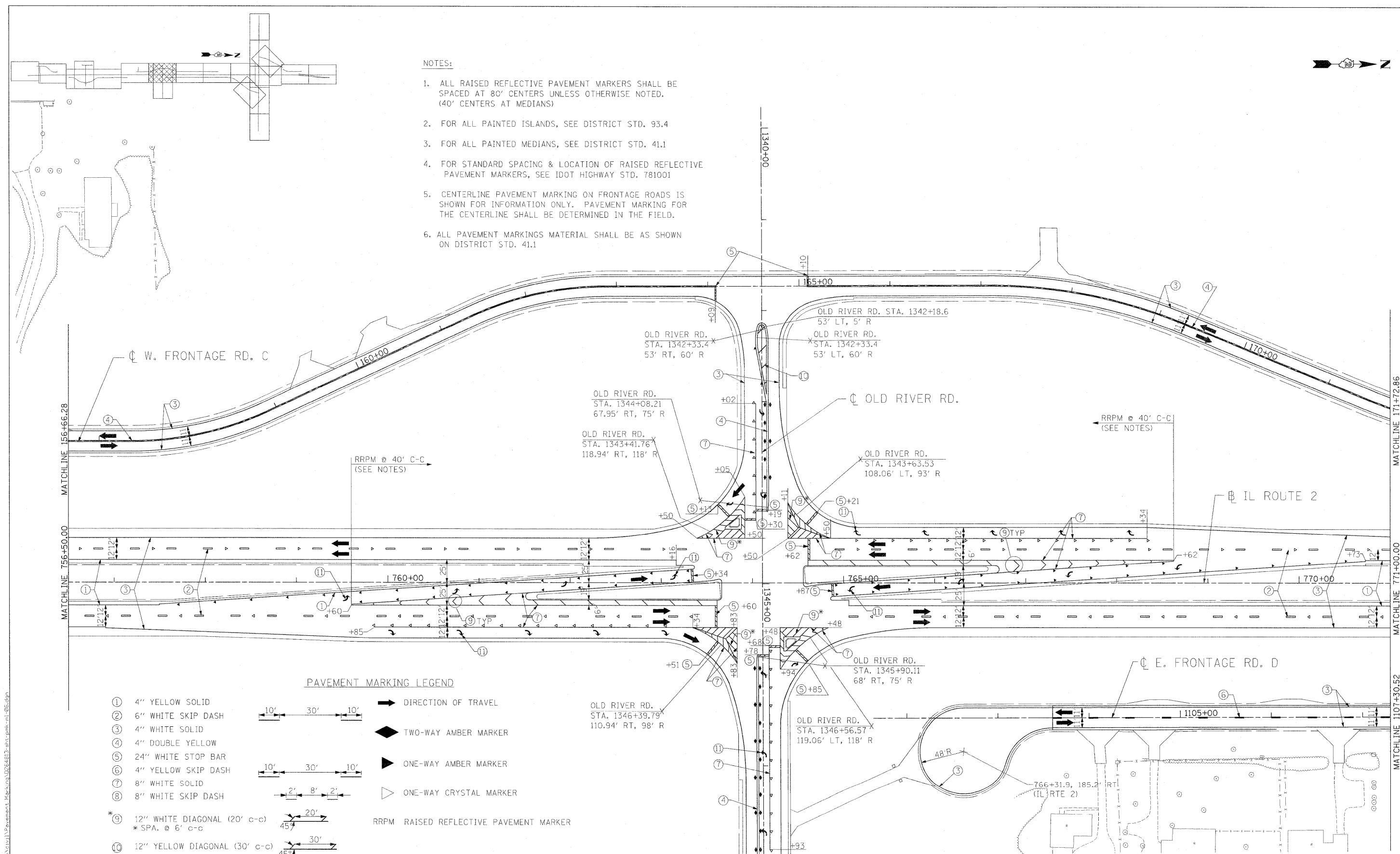
ILLINOIS ROUTE 2 PAVEMENT MARKING 5 STA 741+50 TO 756+50	
SCALE: 1"=50'	SHEET NO. 215 OF 530 SHEETS
STA.	TO STA.

F.A.P. RTE. 734	SECTION 77-2-2 & 77-2B-1	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 215
CONTRACT NO. 64813				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



NOTES:

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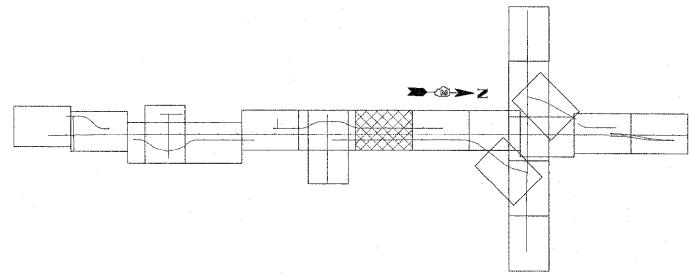
PAVEMENT MARKING LEGEND

- | | | |
|---|--|--|
| ① 4" YELLOW SOLID | | ➔ DIRECTION OF TRAVEL |
| ② 6" WHITE SKIP DASH | | ◆ TWO-WAY AMBER MARKER |
| ③ 4" WHITE SOLID | | ▶ ONE-WAY AMBER MARKER |
| ④ 4" DOUBLE YELLOW | | ▷ ONE-WAY CRYSTAL MARKER |
| ⑤ 24" WHITE STOP BAR | | RRPM RAISED REFLECTIVE PAVEMENT MARKER |
| ⑥ 4" YELLOW SKIP DASH | | |
| ⑦ 8" WHITE SOLID | | |
| ⑧ 8" WHITE SKIP DASH | | |
| * ⑨ 12" WHITE DIAGONAL (20' c-c)
* SPA. @ 6' c-c | | |
| ⑩ 12" YELLOW DIAGONAL (30' c-c) | | |
| ⑪ ARROWS | | |

FOR CONTINUATION OF OLD RIVER ROAD PAVEMENT MARKING SEE PAVEMENT MARKING 14

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USER NAME = zulkowd	DESIGNED STS/GC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINOIS ROUTE 2 PAVEMENT MARKING 6 STA 756+50 TO 771+00		F.A.P. RTE. 734	SECTION 77-2-2 & 77-2B-1	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 216
PLOT SCALE = 50,000 FT / IN.	DRAWN RDT	REVISED -		SCALE: 1"=50'	SHEET NO. 216 OF 530 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 64813	
PLOT DATE = 2/2/2011	CHECKED GC	REVISED -								
	DATE 01-14-11	REVISED -								



PAVEMENT MARKING LEGEND

- ① 4" YELLOW SOLID
 - ② 6" WHITE SKIP DASH
 - ③ 4" WHITE SOLID
 - ④ 4" DOUBLE YELLOW
 - ⑤ 24" WHITE STOP BAR
 - ⑥ 4" YELLOW SKIP DASH
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 - *⑨ 12" WHITE DIAGONAL (20' c-c)
*SPA. @ 6' c-c
 - ⑩ 12" YELLOW DIAGONAL (30' c-c)
 - ⑪ ARROWS
- 10' 30' 10'
 2' 8' 2'
 20'
 30'
 80'
- ➔ DIRECTION OF TRAVEL
 - ◆ TWO-WAY AMBER MARKER
 - ▶ ONE-WAY AMBER MARKER
 - ◁ ONE-WAY CRYSTAL MARKER
 - RRPM RAISED REFLECTIVE PAVEMENT MARKER

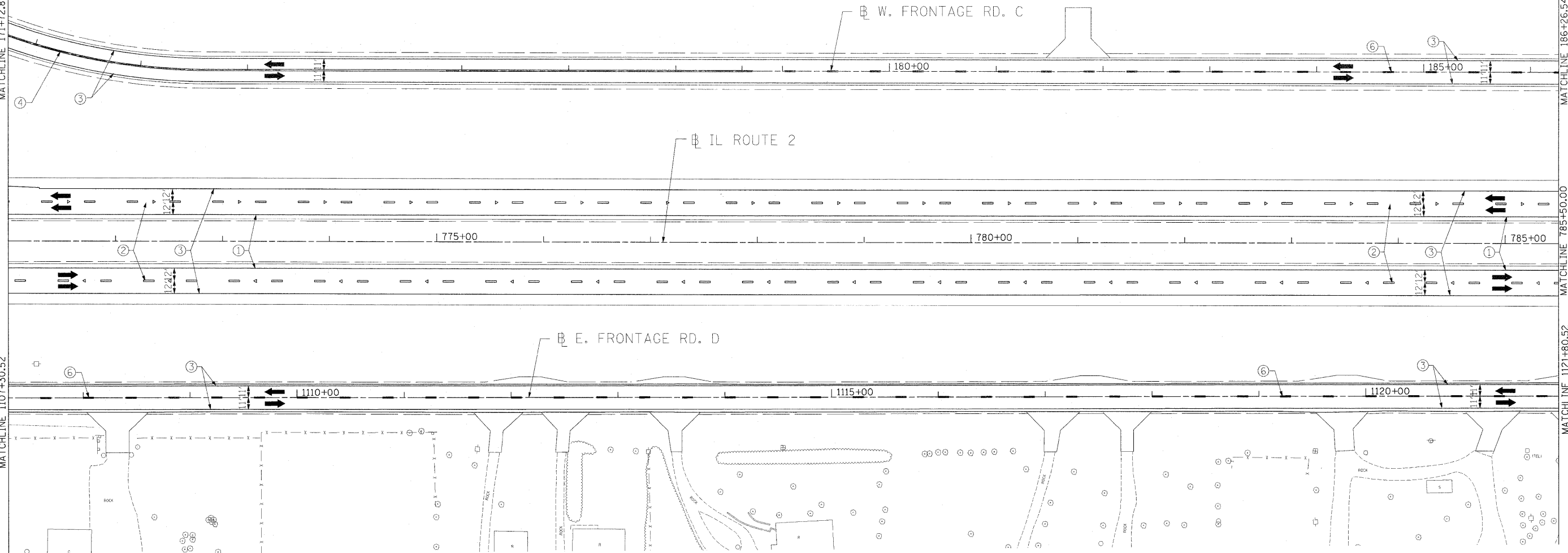
NOTES:

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MATCHLINE 171+72.86

MATCHLINE 1107+30.52



MATCHLINE 186+26.54

MATCHLINE 785+50.00

MATCHLINE 1121+80.52

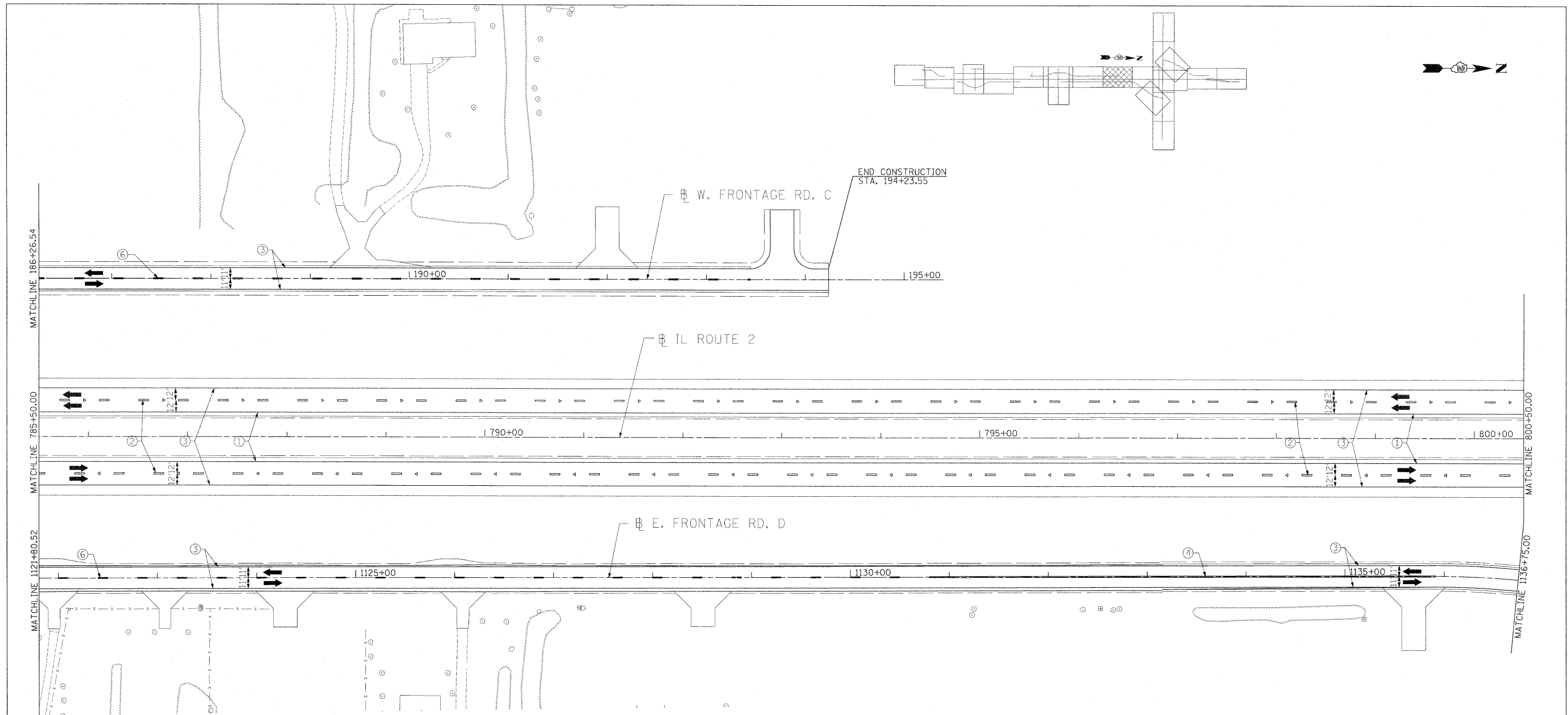
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USER NAME = zulkowd	DESIGNED STS/GC	REVISED -
PLOT SCALE = 50.0000 FT / IN.	DRAWN RDT	REVISED -
PLOT DATE = 2/2/2011	CHECKED GC	REVISED -
	DATE 01-14-11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 2 PAVEMENT MARKING 7 STA 777+40 TO 793+70	
SCALE: 1"=50'	SHEET NO. 217 OF 530 SHEETS
STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	77-2-2 & 77-2B-1	WINNEBAGO	530	217
CONTRACT NO. 64813				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



END CONSTRUCTION
STA. 194+23.55

PAVEMENT MARKING LEGEND

- ① 4" YELLOW SOLID
 - ② 6" WHITE SKIP DASH
 - ③ 4" WHITE SOLID
 - ④ 4" DOUBLE YELLOW
 - ⑤ 24" WHITE STOP BAR
 - ⑥ 4" YELLOW SKIP DASH
 - ⑦ 8" WHITE SOLID
 - ⑧ 8" WHITE SKIP DASH
 - * ⑨ 12" WHITE DIAGONAL (20' c-c)
* SPA. @ 6' c-c
 - ⑩ 12" YELLOW DIAGONAL (30' c-c)
 - ⑪ ARROWS
- ➔ DIRECTION OF TRAVEL
 - ◆ TWO-WAY AMBER MARKER
 - ▶ ONE-WAY AMBER MARKER
 - ▷ ONE-WAY CRYSTAL MARKER
 - RRPM RAISED REFLECTIVE PAVEMENT MARKER

NOTES:

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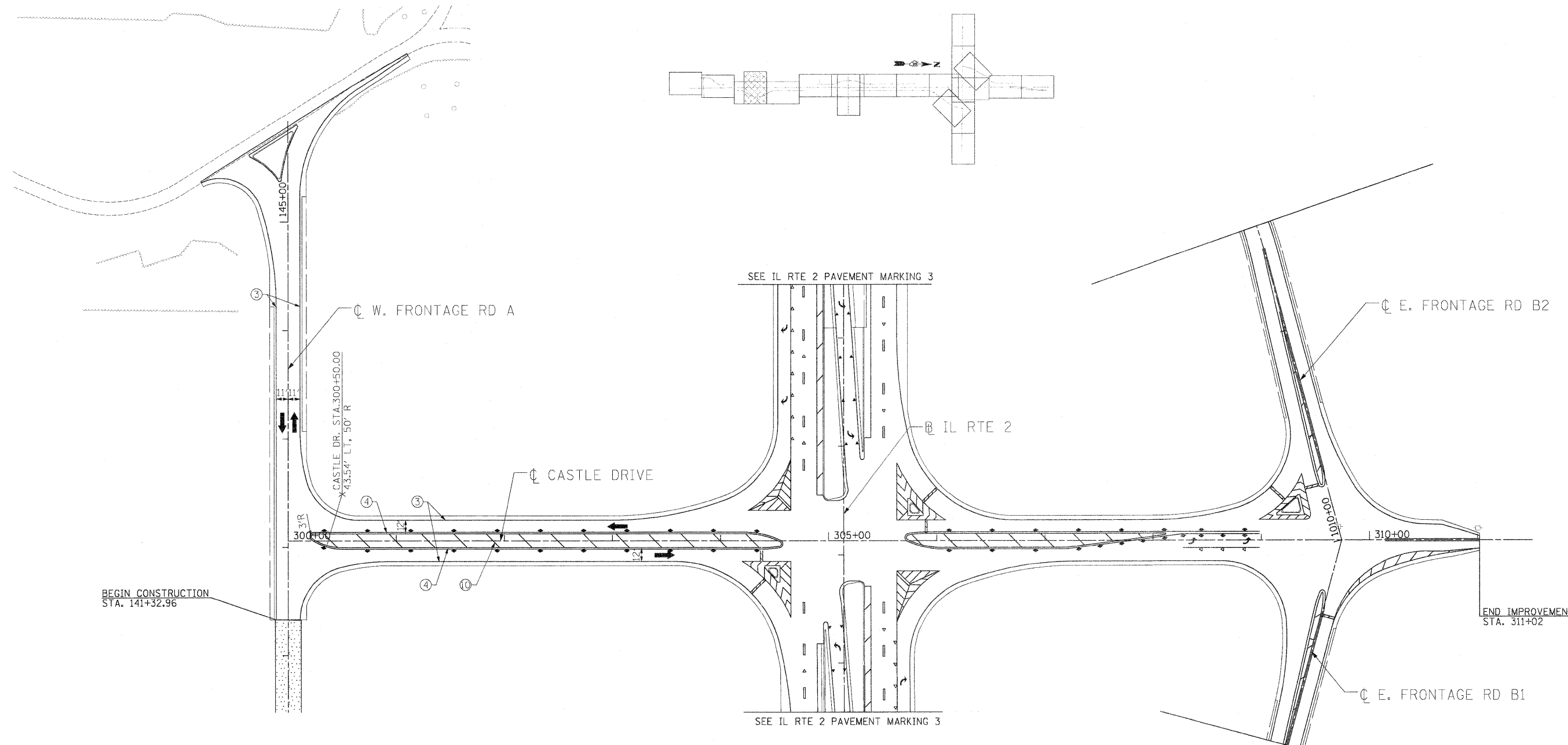
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USER NAME = zulkowd	DESIGNED STS/GC	REVISED -
DRAWN RDT		REVISED -
CHECKED GC		REVISED -
DATE 01-14-11		REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ILLINOIS ROUTE 2 PAVEMENT MARKING 8 STA 785+50 TO 800+50	
SCALE: 1"=50'	SHEET NO. 218 OF 530 SHEETS
STA.	TO STA.

F.A.P. RTE. 734	SECTION 77-2-2 & 77-2B-1	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 218
CONTRACT NO. 64813				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



BEGIN CONSTRUCTION
STA. 141+32.96

END IMPROVEMENT
STA. 311+02

PAVEMENT MARKING LEGEND

- ① 4" YELLOW SOLID
 - ② 6" WHITE SKIP DASH
 - ③ 4" WHITE SOLID
 - ④ 4" DOUBLE YELLOW
 - ⑤ 24" WHITE STOP BAR
 - ⑥ 4" YELLOW SKIP DASH
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 - ⑧ 8" WHITE SKIP DASH
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 - ⑩ 12" YELLOW DIAGONAL (30' c-c)
 - ⑪ ARROWS
- ➔ DIRECTION OF TRAVEL
 - ◆ TWO-WAY AMBER MARKER
 - ▶ ONE-WAY AMBER MARKER
 - ▷ ONE-WAY CRYSTAL MARKER
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NOTES:

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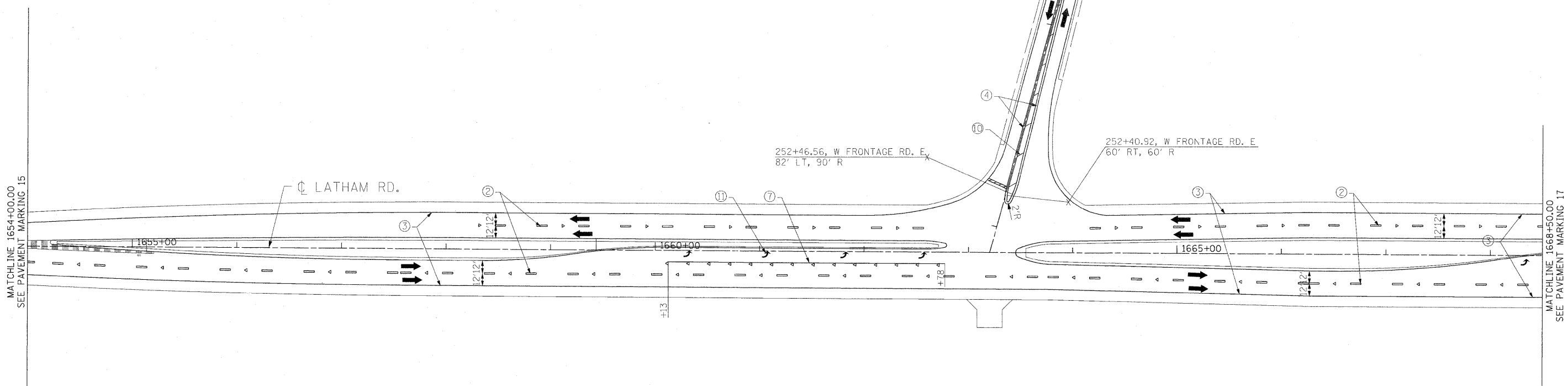
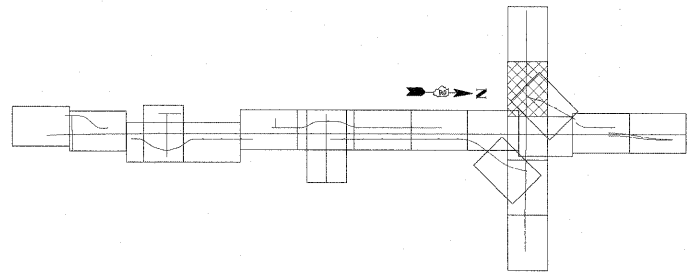
SEE PAVEMENT MARKING 3 FOR
PAVEMENT MARKING NOT LABELED HERE.

USER NAME = thornberd	DESIGNED STS/GC	REVISED
DRAWN RDT	CHECKED GC	REVISED
DATE 01-14-11		REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 2
PAVEMENT MARKING 13
CASTLE DRIVE STA 300+00 TO 311+53
SCALE: 1"=50' SHEET NO. 223 OF 530 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	77-2-2 & 77-2B-1	WINNEBAGO	530	223
CONTRACT NO. 64813				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- ① 4" YELLOW SOLID
 - ② 6" WHITE SKIP DASH
 - ③ 4" WHITE SOLID
 - ④ 4" DOUBLE YELLOW
 - ⑤ 24" WHITE STOP BAR
 - ⑥ 4" YELLOW SKIP DASH
 - ⑦ 8" WHITE SOLID
 - ⑧ 8" WHITE SKIP DASH
 - *⑨ 12" WHITE DIAGONAL (20' c-c)
* SPA. @ 6' c-c
 - ⑩ 12" YELLOW DIAGONAL (30' c-c)
 - ⑪ ARROWS
- TWO-WAY AMBER MARKER
 ONE-WAY AMBER MARKER
 ONE-WAY CRYSTAL MARKER
 RRPM RAISED REFLECTIVE PAVEMENT MARKER
-

NOTES:

1. ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE SPACED AT 80' CENTERS UNLESS OTHERWISE NOTED. (40' CENTERS AT MEDIANS)
2. FOR ALL PAINTED ISLANDS, SEE DISTRICT STD. 93.4
3. FOR ALL PAINTED MEDIANS, SEE DISTRICT STD. 41.1
4. FOR STANDARD SPACING & LOCATION OF RAISED REFLECTIVE PAVEMENT MARKERS, SEE IDOT HIGHWAY STD. 781001
5. CENTERLINE PAVEMENT MARKING ON FRONTAGE ROADS IS SHOWN FOR INFORMATION ONLY. PAVEMENT MARKING FOR THE CENTERLINE SHALL BE DETERMINED IN THE FIELD.
6. ALL PAVEMENT MARKINGS MATERIAL SHALL BE AS SHOWN ON DISTRICT STD. 41.1

I:\projects\1125A\segment_1\subsets\axial\pavement_1654+00.00-1668+50.00.dwg

USER NAME = zulkowd	DESIGNED STS/GC	REVISED -
DRAWN RDT	REVISOR	REVISED -
CHECKED GC	REVISOR	REVISED -
DATE 01-14-11	REVISOR	REVISED -

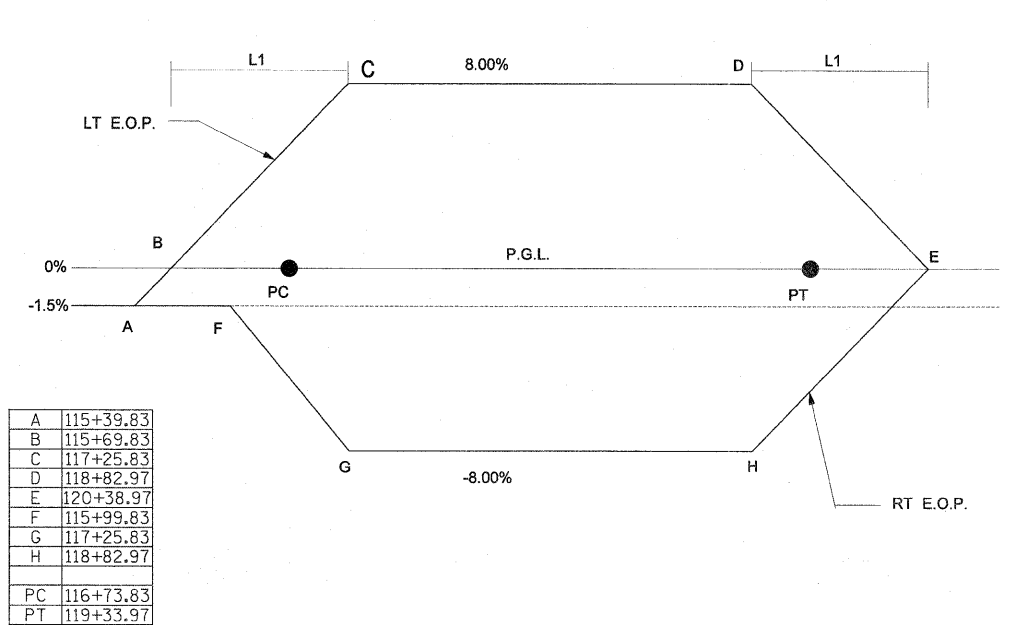
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ILLINOIS ROUTE 2 PAVEMENT MARKING 16 LATHAM ROAD STA 1654+00 TO STA 1668+50	
SCALE: 1"=50'	SHEET NO. 226 OF 530 SHEETS

F.A.P. RTE. 734	SECTION 77-2-2 & 77-2B-1	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 226
CONTRACT NO. 64813				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

Curve FR-A1 PAVT ELEVATIONS

STATION	LEFT EOP	CENTERLINE	RIGHT EOP
115+50.00	758.09	758.20	758.03
115+75.00	758.48	758.45	758.28
116+00.00	758.87	758.70	758.53
116+25.00	759.26	758.95	758.64
116+50.00	759.65	759.20	758.75
116+75.00	760.04	759.45	758.85
117+00.00	760.43	759.70	758.96
117+25.00	760.82	759.95	759.07
117+50.00	761.08	760.20	759.32
117+75.00	761.33	760.45	759.57
118+00.00	761.58	760.70	759.82
118+25.00	761.82	760.94	760.06
118+50.00	762.07	761.19	760.31
118+75.00	762.32	761.44	760.56
119+00.00	762.48	761.69	760.91
119+25.00	762.59	761.94	761.30
119+50.00	762.70	762.19	761.69
119+75.00	762.80	762.44	762.08
120+00.00	762.91	762.69	762.47
120+25.00	763.02	762.94	762.86

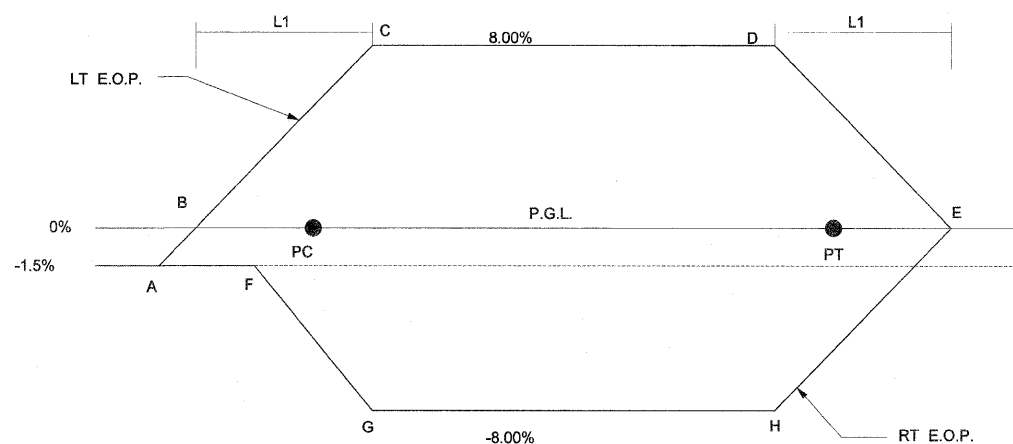


A	115+39.83
B	115+69.83
C	117+25.83
D	118+82.97
E	120+38.97
F	115+99.83
G	117+25.83
H	118+82.97
PC	116+73.83
PT	119+33.97

Curve FR-B1-1 PAVT ELEVATIONS

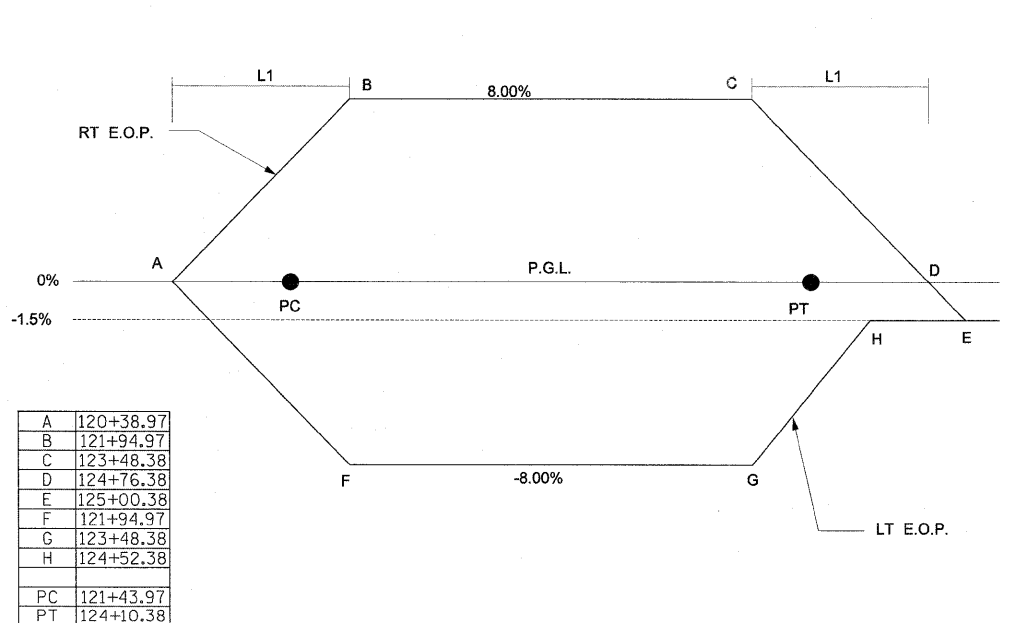
STATION	LEFT EOP	CENTERLINE	RIGHT EOP
1000+25.00	750.27	750.43	750.27
1000+50.00	750.07	750.09	749.93
1000+75.00	749.88	749.75	749.59
1001+00.00	749.69	749.41	749.13
1001+25.00	749.50	749.07	748.63
1001+50.00	749.31	748.73	748.14
1001+75.00	749.12	748.38	747.65
1002+00.00	748.92	748.04	747.16
1002+25.00	748.58	747.70	746.82
1002+50.00	748.24	747.36	746.48
1002+75.00	747.90	747.02	746.14
1003+00.00	747.55	746.67	745.79
1003+25.00	747.15	746.33	747.15
1003+50.00	746.66	745.99	746.66
1003+75.00	746.18	745.65	746.18
1004+00.00	745.70	745.31	745.70
1004+25.00	745.21	744.96	745.21
1004+50.00	744.73	744.62	744.73
1004+68.55	744.37	744.37	744.37

A	1000+27.28
B	1000+54.28
C	1001+98.28
D	1003+13.73
E	1004+68.55
F	1000+81.28
G	1001+98.28
H	1003+13.73
PC	1001+52.28
PT	1003+64.55



Curve FR-A2 PAVT ELEVATIONS

STATION	LEFT EOP	CENTERLINE	RIGHT EOP
120+50.00	763.13	763.19	763.26
120+75.00	763.24	763.44	763.65
121+00.00	763.35	763.69	764.04
121+25.00	763.36	763.84	764.33
121+50.00	763.57	764.19	764.82
121+75.00	763.67	764.44	765.21
122+00.00	763.81	764.69	765.57
122+25.00	764.06	764.94	765.82
122+50.00	764.31	765.19	766.07
122+75.00	764.56	765.44	766.32
123+00.00	764.81	765.69	766.57
123+25.00	765.06	765.94	766.82
123+50.00	765.31	766.19	767.07
123+75.00	765.80	766.50	767.19
124+00.00	766.39	766.91	767.44
124+25.00	767.09	767.44	767.80
124+50.00	767.90	768.09	768.27
124+75.00	768.77	768.78	768.79
125+00.00	769.31	769.48	769.32
125+25.00	770.01	770.18	770.01

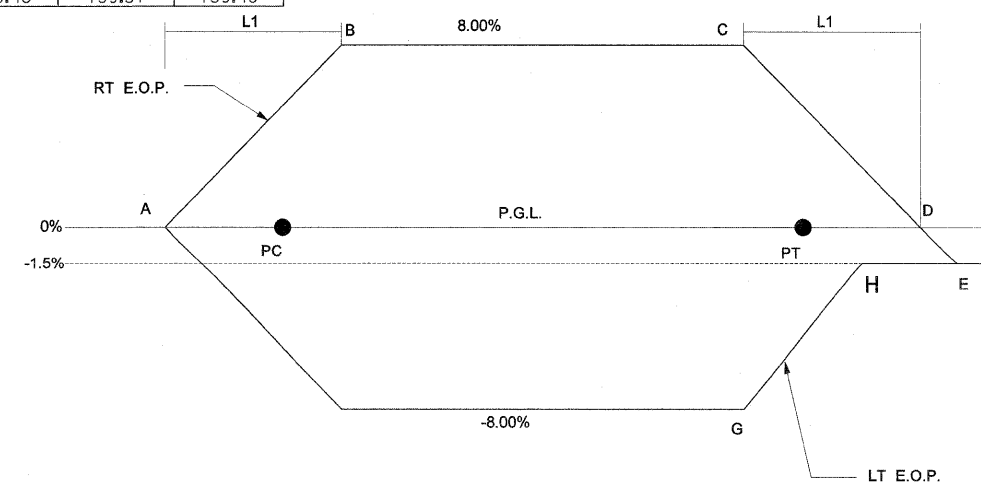


A	120+38.97
B	121+94.97
C	123+48.38
D	124+76.38
E	125+00.38
F	121+94.97
G	123+48.38
H	124+52.38
PC	121+43.97
PT	124+10.38

Curve FR-B1-2 PAVT ELEVATIONS

STATION	LEFT EOP	CENTERLINE	RIGHT EOP
1004+68.55	744.37	744.37	744.37
1004+75.00	744.24	744.28	744.32
1005+00.00	743.90	743.94	744.12
1005+25.00	743.42	743.60	743.92
1005+50.00	742.93	743.25	743.72
1005+75.00	742.45	742.91	743.52
1006+00.00	741.97	742.57	743.32
1006+25.00	741.48	742.23	743.11
1006+50.00	741.01	741.89	742.76
1006+75.00	740.67	741.54	742.26
1007+00.00	740.49	741.20	741.77
1007+25.00	740.30	740.86	741.27
1007+50.00	740.11	740.52	740.78
1007+75.00	739.92	740.18	740.28
1008+00.00	739.67	739.84	739.79
1008+25.00	739.40	739.57	739.40

A	1004+68.55
B	1005+72.55
C	1006+23.37
D	1007+92.32
E	1008+19.32
F	1006+23.37
G	1006+48.32
H	1007+65.32
PC	1005+72.55
PT	1006+94.32



I:\projects\125\Assignment_1\Subarea\11\Map_0264d13_Details-Superelevation.dgn

USER NAME = zulkowd	DESIGNED RDT	REVISED -
PLOT SCALE = 12,50000 "/> <td>DRAWN RDT</td> <td>REVISED -</td>	DRAWN RDT	REVISED -
PLOT DATE = 2/2/2011	CHECKED GC	REVISED -
	DATE 01-14-11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUPERELEVATION DIAGRAMS 1

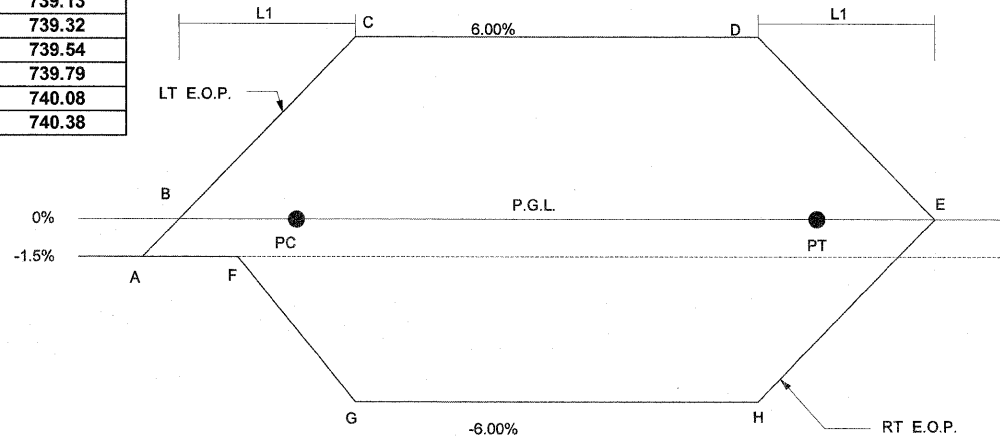
SCALE: SHEET NO. 230 OF 530 SHEETS STA. NTS TO STA.

F.A.P. RTE. 734	SECTION 77-2-2 & 77-2B-1	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 230
CONTRACT NO. 64813				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

Curve FR-C3 PAVT ELEVATIONS

STATION	LEFT EOP	CENTERLINE	RIGHT EOP
166+00.00	741.11	741.16	741.00
166+25.00	741.01	740.95	740.79
166+50.00	740.92	740.75	740.57
166+75.00	740.82	740.54	740.25
167+00.00	740.73	740.33	739.93
167+25.00	740.66	740.14	739.63
167+50.00	740.62	739.99	739.36
167+75.00	740.53	739.87	739.21
168+00.00	740.45	739.79	739.13
168+25.00	740.39	739.73	739.07
168+50.00	740.37	739.71	739.05
168+75.00	740.38	739.72	739.06
169+00.00	740.39	739.76	739.13
169+25.00	740.35	739.83	739.32
169+50.00	740.34	739.94	739.54
169+75.00	740.36	740.08	739.79
170+00.00	740.42	740.25	740.08
170+25.00	740.49	740.43	740.38

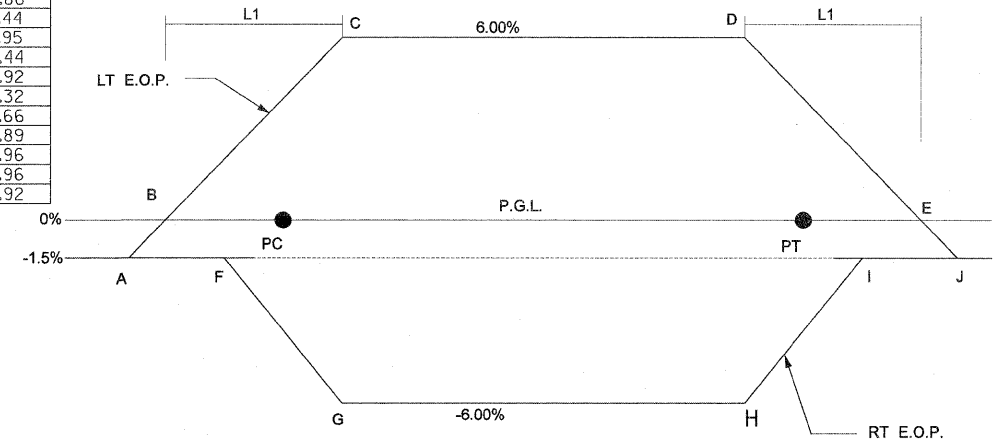
A	165+76.58
B	166+12.58
C	167+56.58
D	168+93.19
E	170+37.19
F	166+48.58
G	167+56.58
H	168+93.19
PC	167+08.58
PT	169+29.36



Curve FR-D1 PAVT ELEVATIONS

STATION	LEFT EOP	CENTERLINE	RIGHT EOP
1134+75.00	779.87	779.97	779.81
1135+00.00	781.01	781.00	780.84
1135+25.00	782.17	782.04	781.88
1135+50.00	783.31	783.07	782.83
1135+75.00	784.47	784.11	783.75
1136+00.00	785.61	785.14	784.67
1136+25.00	786.77	786.18	785.59
1136+50.00	787.87	787.21	786.55
1136+75.00	788.91	788.25	787.59
1137+00.00	789.94	789.28	788.62
1137+25.00	790.98	790.32	789.66
1137+50.00	792.01	791.35	790.69
1137+75.00	793.05	792.39	791.73
1138+00.00	794.09	793.43	792.77
1138+25.00	795.12	794.46	793.80
1138+50.00	796.16	795.50	794.84
1138+75.00	797.19	796.53	795.87
1139+00.00	798.20	797.54	796.88
1139+25.00	799.14	798.48	797.82
1139+50.00	800.01	799.35	798.69
1139+75.00	800.81	800.15	799.49
1140+00.00	801.53	800.87	800.21
1140+25.00	802.18	801.52	800.86
1140+50.00	802.76	802.10	801.44
1140+75.00	803.27	802.61	801.95
1141+00.00	803.64	803.04	802.44
1141+25.00	803.88	803.40	802.92
1141+50.00	804.06	803.69	803.32
1141+75.00	804.16	803.91	803.66
1142+00.00	804.19	804.05	803.89
1142+25.00	804.14	804.12	803.96
1142+50.00	804.03	804.12	803.96
1142+66.31	803.92	804.08	803.92

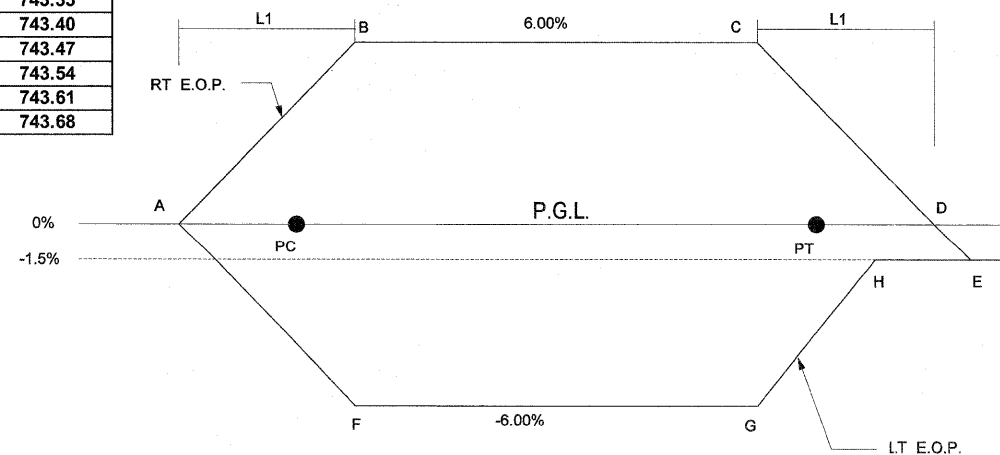
A	1134+61.23
B	1134+97.23
C	1136+41.23
D	1140+86.31
E	1142+30.31
F	1135+33.23
G	1136+41.23
H	1140+86.31
I	1141+94.31
J	1142+66.31
PC	1135+91.23
PT	1141+36.31



Curve FR-C4 PAVT ELEVATIONS

STATION	LEFT EOP	CENTERLINE	RIGHT EOP
170+50.00	740.56	740.62	740.68
170+75.00	740.63	740.80	740.97
171+00.00	740.70	740.98	741.27
171+25.00	740.77	741.17	741.57
171+50.00	740.84	741.35	741.87
171+75.00	740.91	741.54	742.17
172+00.00	741.06	741.72	742.38
172+25.00	741.25	741.91	742.57
172+50.00	741.43	742.09	742.75
172+75.00	741.61	742.27	742.93
173+00.00	741.80	742.46	743.12
173+25.00	742.02	742.64	743.26
173+50.00	742.32	742.83	743.33
173+75.00	742.62	743.01	743.40
174+00.00	742.92	743.19	743.47
174+25.00	743.21	743.38	743.54
174+50.00	743.40	743.56	743.61
174+75.00	743.58	743.75	743.68

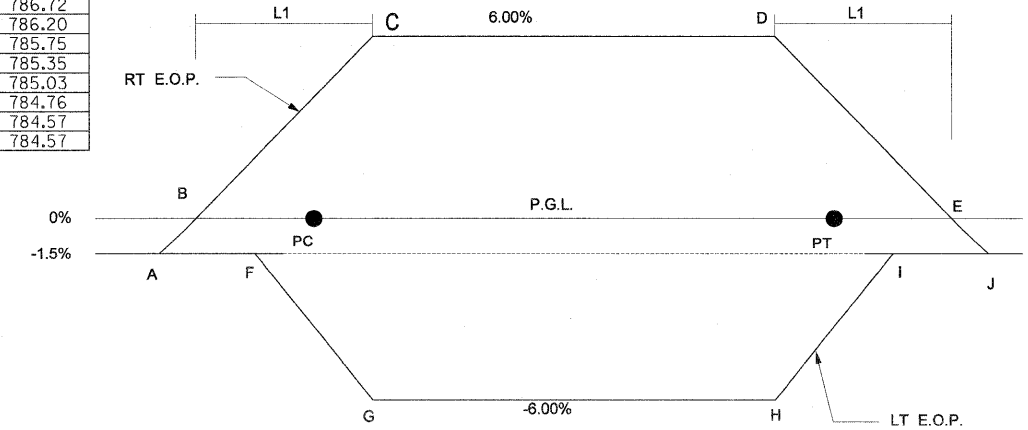
A	170+37.20
B	171+81.20
C	173+16.39
D	174+60.39
E	174+96.39
F	171+81.20
G	173+16.39
H	174+24.39
PC	171+45.03
PT	173+63.91



Curve FR-D2 PAVT ELEVATIONS

STATION	LEFT EOP	CENTERLINE	RIGHT EOP
1147+50.00	795.01	795.17	795.02
1147+75.00	794.48	794.64	794.61
1148+00.00	793.95	794.11	794.19
1148+25.00	793.39	793.58	793.77
1148+50.00	792.74	793.05	793.36
1148+75.00	792.09	792.51	792.93
1149+00.00	791.44	791.98	792.52
1149+25.00	790.80	791.45	792.10
1149+50.00	790.26	790.92	791.58
1149+75.00	789.73	790.39	791.05
1150+00.00	789.20	789.86	790.52
1150+25.00	788.67	789.33	789.99
1150+50.00	788.14	788.80	789.46
1150+75.00	787.60	788.26	788.92
1151+00.00	787.07	787.73	788.39
1151+25.00	786.54	787.20	787.86
1151+50.00	786.04	786.68	787.32
1151+75.00	785.68	786.20	786.72
1152+00.00	785.38	785.79	786.20
1152+25.00	785.15	785.45	785.75
1152+50.00	784.99	785.17	785.35
1152+75.00	784.80	784.96	785.03
1153+00.00	784.65	784.81	784.76
1153+25.00	784.57	784.73	784.57
1153+25.38	784.57	784.73	784.57

A	1147+46.63
B	1147+82.63
C	1149+26.63
D	1151+45.38
E	1152+89.38
F	1148+18.63
G	1149+26.63
H	1151+45.38
I	1152+53.38
J	1153+25.38
PC	1148+76.63
PT	1151+95.38



USER NAME = zulkowad	DESIGNED RDT	REVISED -
	DRAWN RDT	REVISED -
PLOT SCALE = 12,5000 1/4 IN.	CHECKED GC	REVISED -
PLOT DATE = 2/22/2011	DATE 01-14-11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

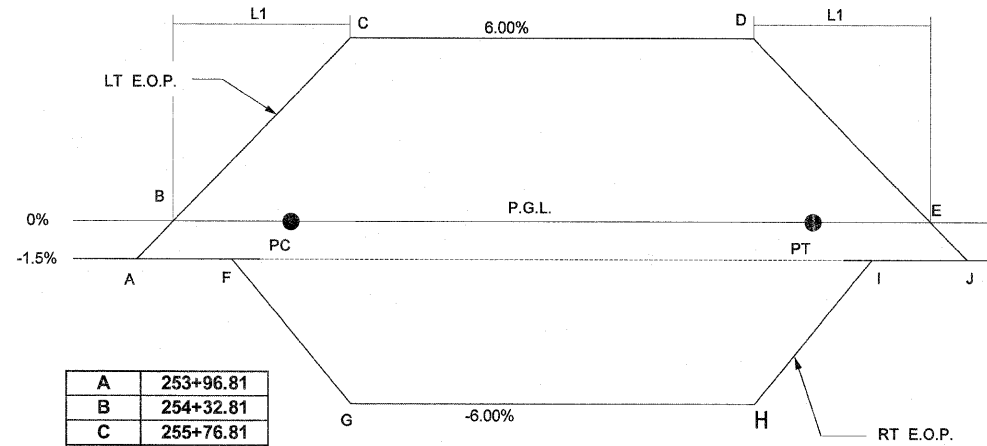
SUPERELEVATION DIAGRAMS 3

SCALE: NTS SHEET NO. 232 OF 530 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	77-2-2 & 77-2B-1	WINNEBAGO	530	232
CONTRACT NO. 64813				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

Curve FR-E1 PAVT ELEVATIONS

STATION	LEFT EOP	CENTERLINE	RIGHT EOP
254+00.00	804.55	804.70	804.54
254+25.00	804.80	804.84	804.68
254+50.00	805.12	805.04	804.88
254+75.00	805.49	805.30	805.11
255+00.00	805.87	805.56	805.25
255+25.00	806.24	805.82	805.40
255+50.00	806.59	806.05	805.51
255+75.00	806.86	806.21	805.56
256+00.00	806.96	806.30	805.64
256+25.00	806.99	806.33	805.67
256+50.00	806.95	806.29	805.63
256+75.00	806.84	806.18	805.52
257+00.00	806.57	806.01	805.45
257+25.00	806.21	805.77	805.33
257+50.00	805.79	805.46	805.13
257+75.00	805.30	805.09	804.88
258+00.00	804.75	804.65	804.49
258+25.00	804.12	804.14	803.98
258+50.00	803.44	803.57	803.41
258+75.00	802.77	802.93	802.77



A	253+96.81
B	254+32.81
C	255+76.81
D	256+77.48
E	258+21.48
F	254+68.81
G	255+76.81
H	256+77.48
I	257+85.48
J	258+57.48
PC	255+28.81
PT	257+25.00

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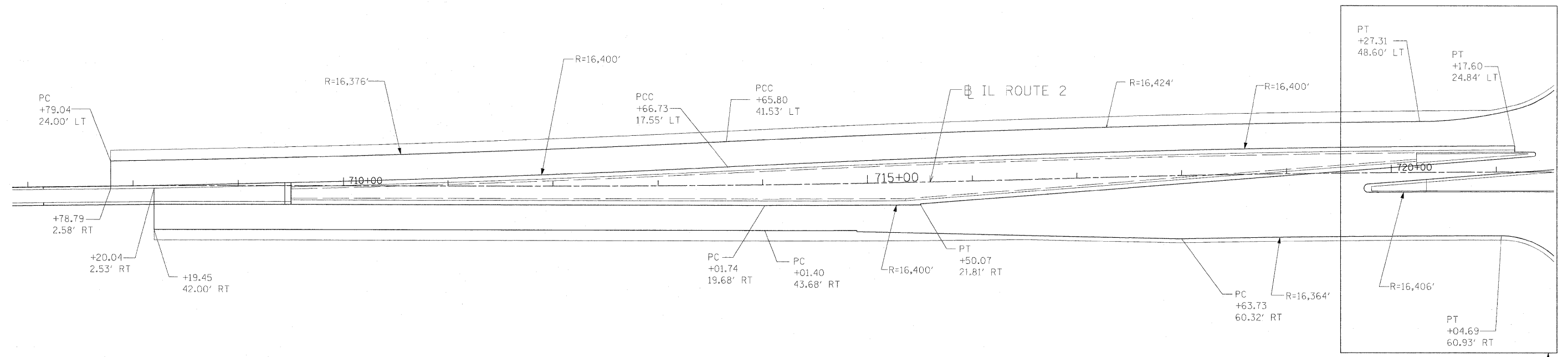
USER NAME = zulkowd	DESIGNED RDT	REVISED -
	DRAWN RDT	REVISED -
PLOT SCALE = 12.5000 / / IN.	CHECKED GC	REVISED -
PLOT DATE = 2/2/2011	DATE 01-14-11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERELEVATION DIAGRAMS 4

SCALE: NTS SHEET NO. 233 OF 530 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	77-2-2 & 77-2B-1	WINNEBAGO	530	233
CONTRACT NO. 64813				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



IL RTE 2 PAVEMENT GEOMETRY DETAIL

STA 707+80 TO STA 721+25

FOR MORE INFORMATION, SEE INTERSECTION DETAIL 4

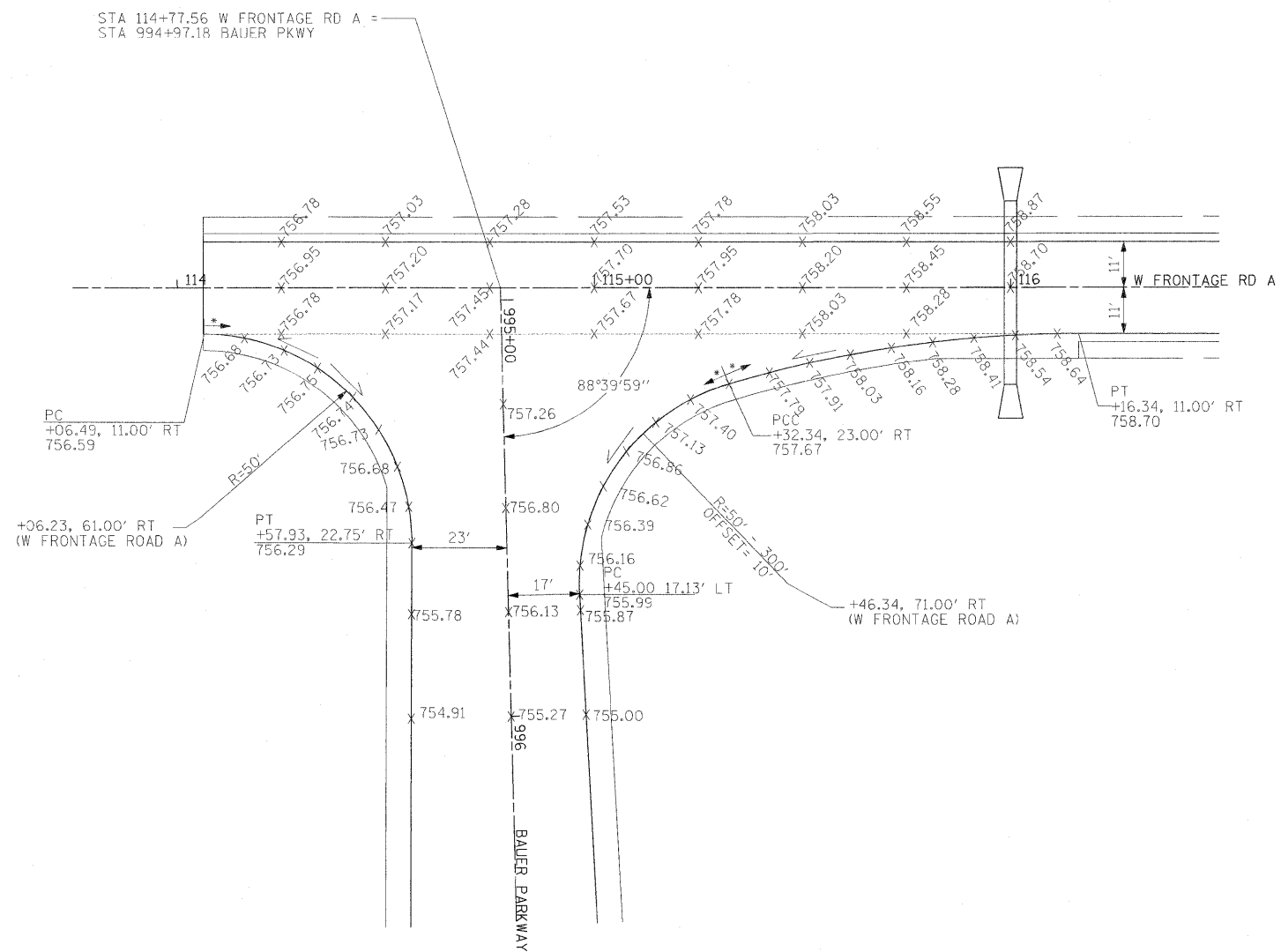
FILE NAME =	USER NAME = zulkowd	DESIGNED RDT	REVISED -
\\projects\11254\segment 1\sheets\civil\misc\0264813 Sht Details Pavement Geometr.gd	DRAWN RDT	REVISED -	
PLDT SCALE = 50.0000 FT / IN.	CHECKED GC	REVISED -	
PLOT DATE = 2/2/2011	DATE 01-14-11	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT DETAILS

SCALE: 1"=50' SHEET NO. 234 OF 530 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	77-2-2 & 77-2B-1	WINNEBAGO	530	234
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64813	



• BEGIN 10' SPA. ALONG RADIUS

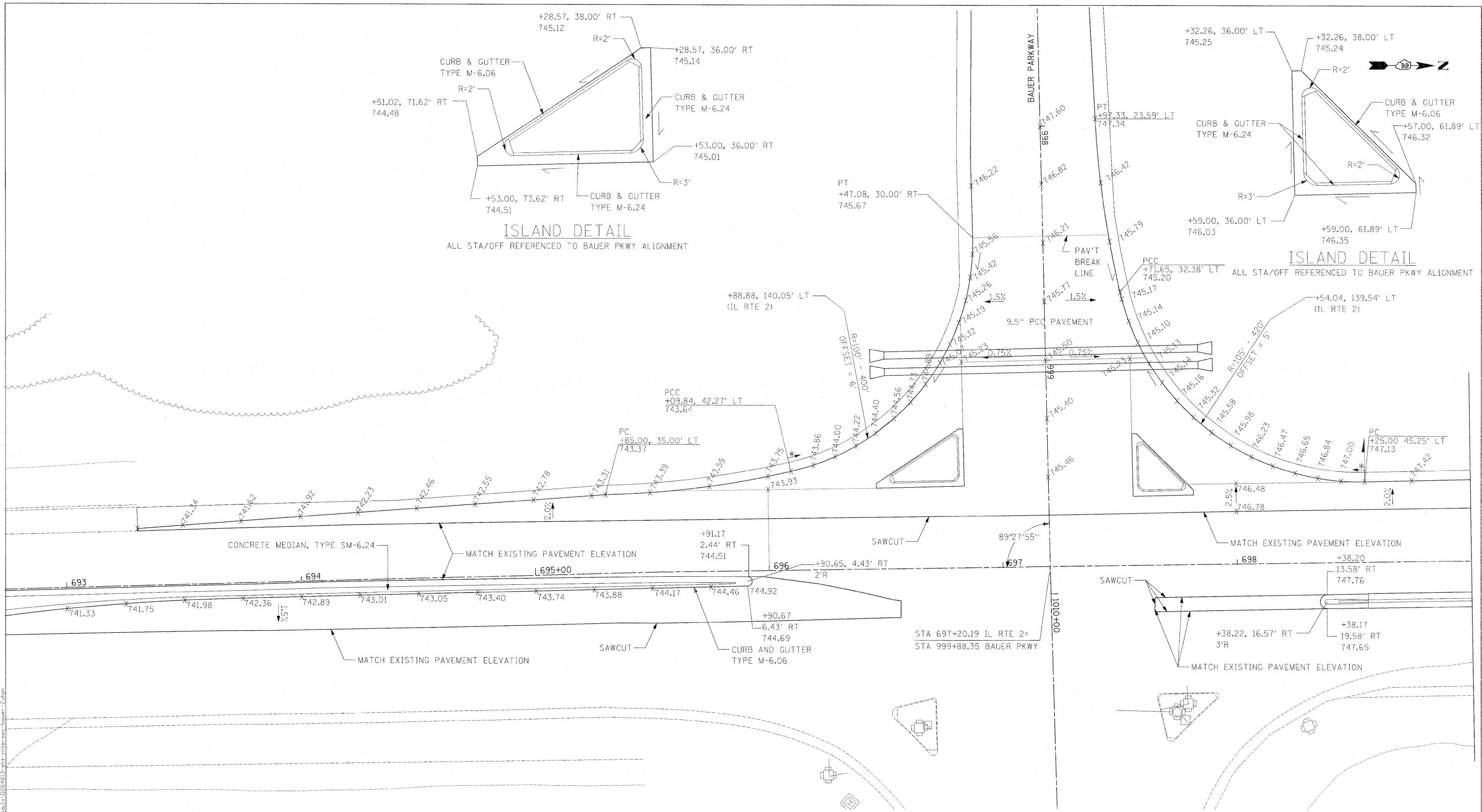
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USER NAME = zulkowsd	DESIGNED STS/CC	REVISED -
	DRAWN RDT	REVISED -
PLOT SCALE = 20,000 FT / IN.	CHECKED GC	REVISED -
PLOT DATE = 2/2/2011	DATE 01-14-11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

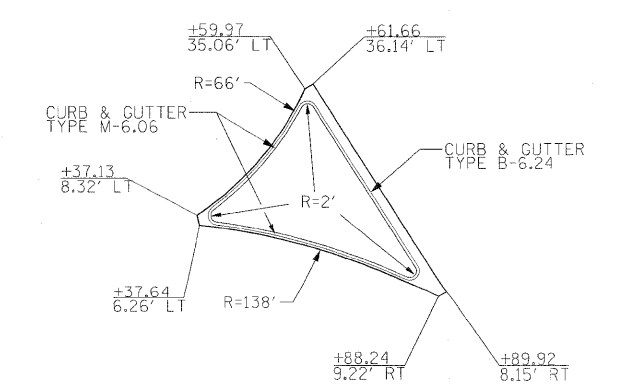
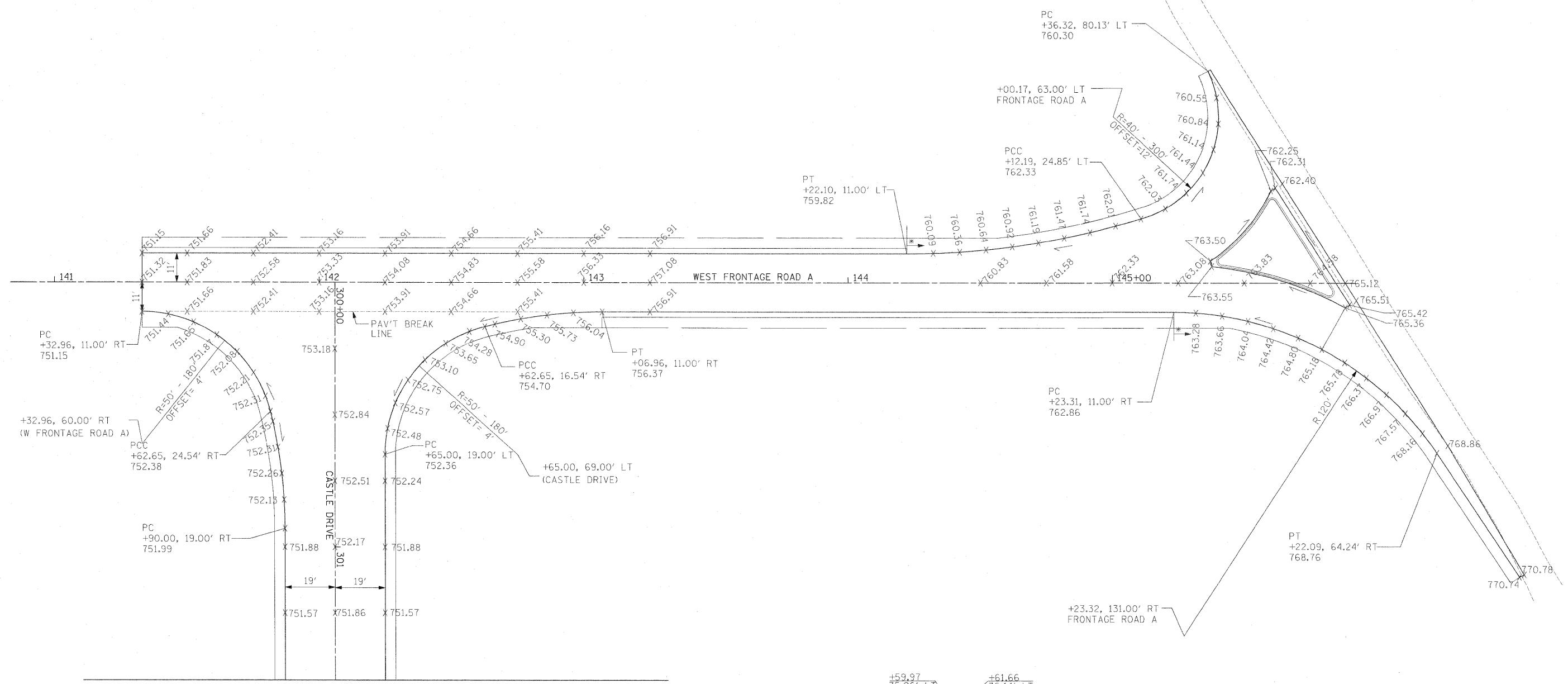
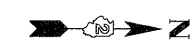
ILLINOIS ROUTE 2 INTERSECTION DETAIL 1 BAUER PKWY AT WEST FRONTAGE ROAD			
SCALE: 1" = 20'	SHEET NO. 235 OF 530 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	77-2-2 & 77-2B-1	WINNEBAGO	530	235
CONTRACT NO. 64813				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



•BEGIN 10' SPA. ALONG RADIUS

USER NAME = zulkowd DESIGNED STS/GC DRAWN RDT CHECKED CC DATE 01-14-11	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINOIS ROUTE 2 INTERSECTION DETAIL 2 BAUER PKWY AT IL ROUTE 2		F.A.P. RTE. 734	SECTION 77-2-2 & 77-2B-1	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 236
	SCALE: 1" = 20' SHEET NO. 236 OF 530 SHEETS STA. TO STA.		CONTRACT NO. 64813						
	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT								



ISLAND DETAIL

ALL STA/OFF REFERENCED TO WEST FRONTAGE ROAD A ALIGNMENT

* BEGIN 10' SPA. ALONG RADIUS

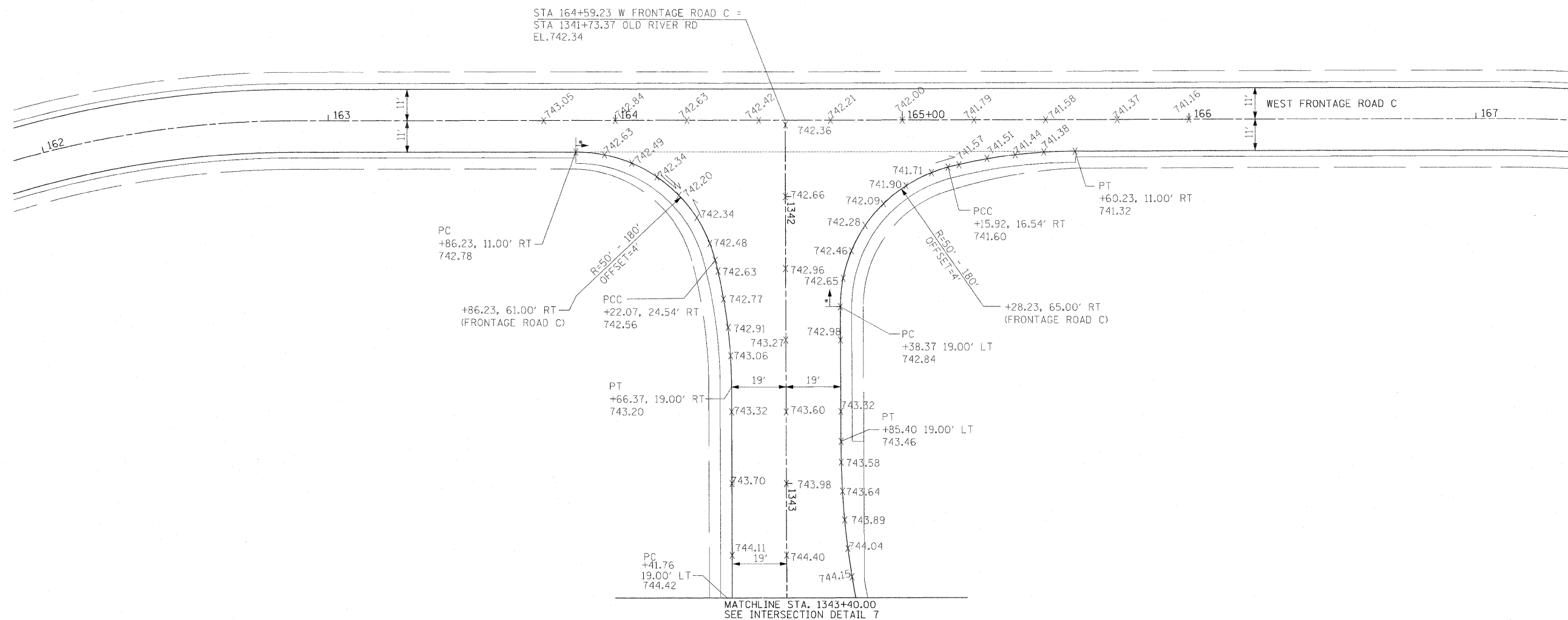
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USER NAME = zulkowsd	DESIGNED STS/GC	REVISED -
DRAWN RDT		REVISED -
PLOT SCALE = 20,000 FT / IN.	CHECKED GC	REVISED -
PLOT DATE = 2/2/2011	DATE 01-14-11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 2	
INTERSECTION DETAIL 3	
CASTLE DRIVE AT WEST FRONTAGE ROAD A	
SCALE: 1"=20'	TO STA.
SHEET NO. 237 OF 530 SHEETS	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	77-2-2 & 77-2B-1	WINNEBAGO	530	237
CONTRACT NO. 64813				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



* BEGIN 10' SPA. ALONG RADIUS

USER NAME = zulkowd	DESIGNED STS/GC	REVISED -
DRAWN RDT	REVISED -	
PLOT SCALE = 22,000 FT / IN.	CHECKED GC	REVISED -
PLOT DATE = 2/2/2011	DATE 01-14-11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

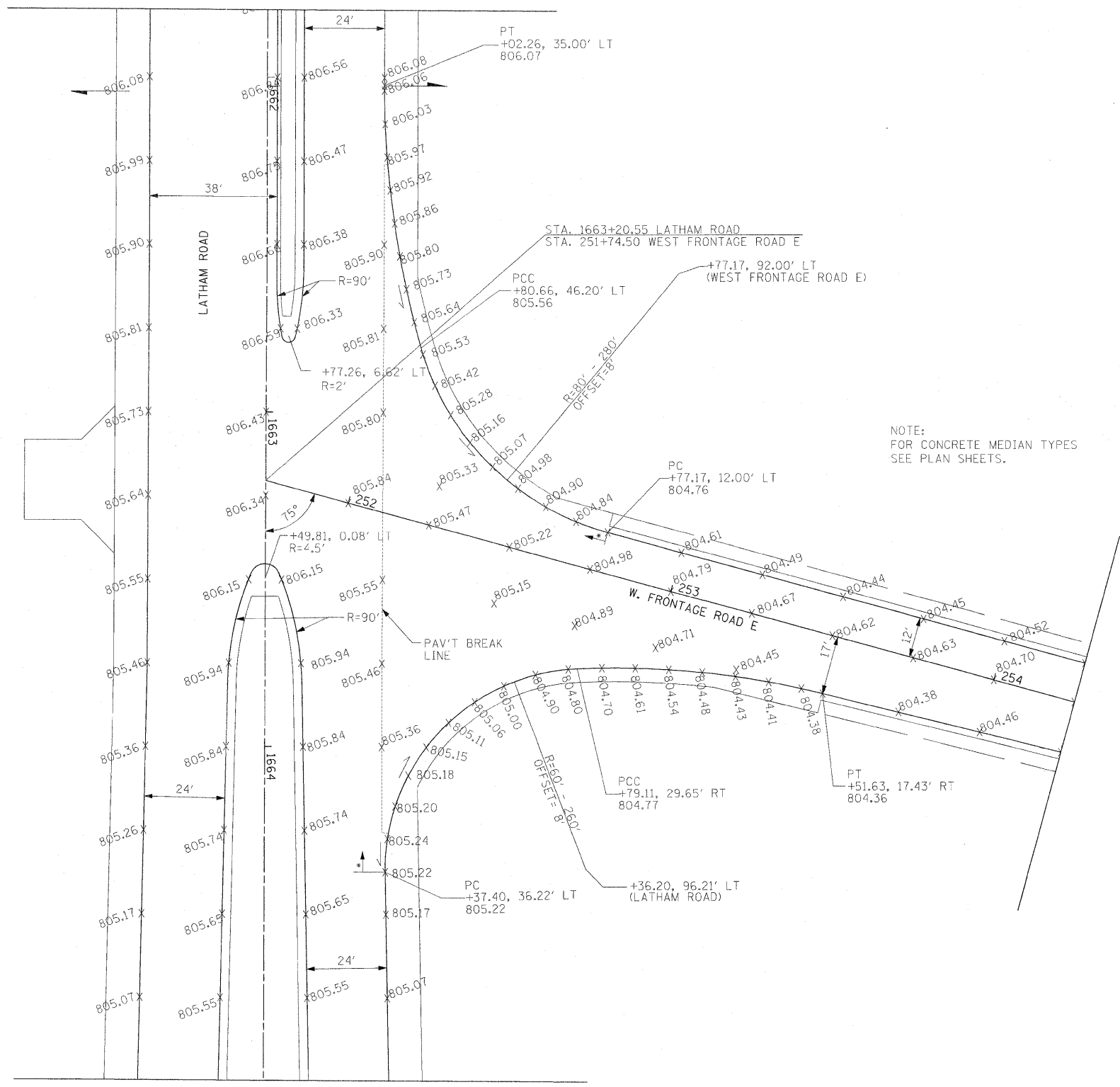
ILLINOIS ROUTE 2
INTERSECTION DETAIL 6
OLD RIVER RD AT WEST FRONTAGE ROAD

SCALE: 1" = 20' SHEET NO. 240 OF 530 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	77-2-2 & 77-2B-1	WINNEBAGO	530	240
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64813	

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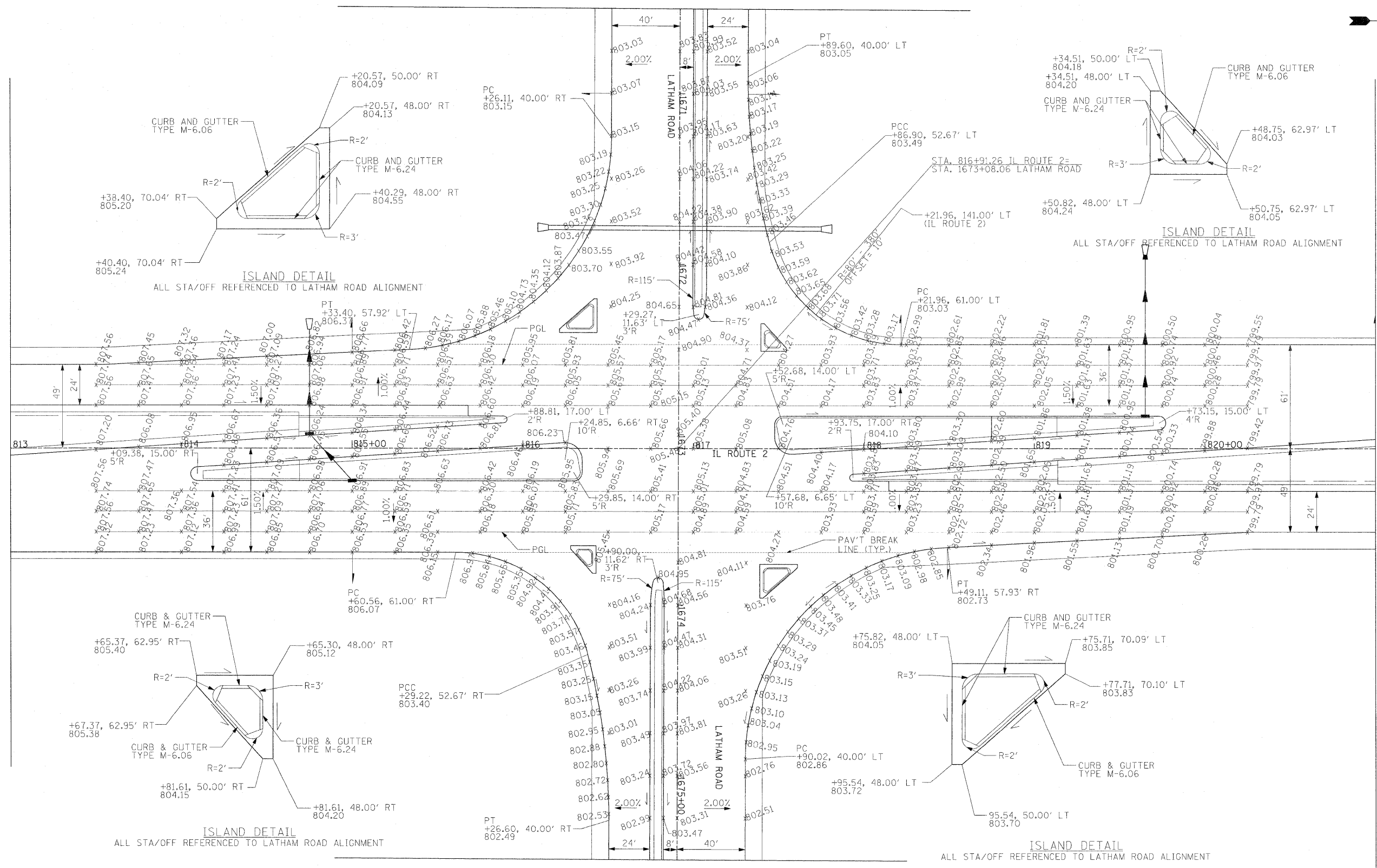
* BEGIN 10' SPA. ALONG RADIUS



NOTE:
FOR CONCRETE MEDIAN TYPES
SEE PLAN SHEETS.

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USER NAME = zulkowsd	DESIGNED STS/GC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			ILLINOIS ROUTE 2 INTERSECTION DETAIL B LATHAM RD AT WEST FRONTAGE ROAD			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 20,000 FT / IN.	DRAWN RDT	REVISED -							734	77-2-2 & 77-2B-1	WINNEBAGO	530	242
PLOT DATE = 2/2/2011	CHECKED GC	REVISED -							SCALE: 1" = 20' SHEET NO. 242 OF 530 SHEETS STA. TO STA.				
DATE 01-14-11	REVISED -	REVISED -	FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT								



* BEGIN 10' SPA. ALONG RADIUS

NOTE:
FOR CONCRETE MEDIAN TYPES,
SEE PLAN SHEETS.

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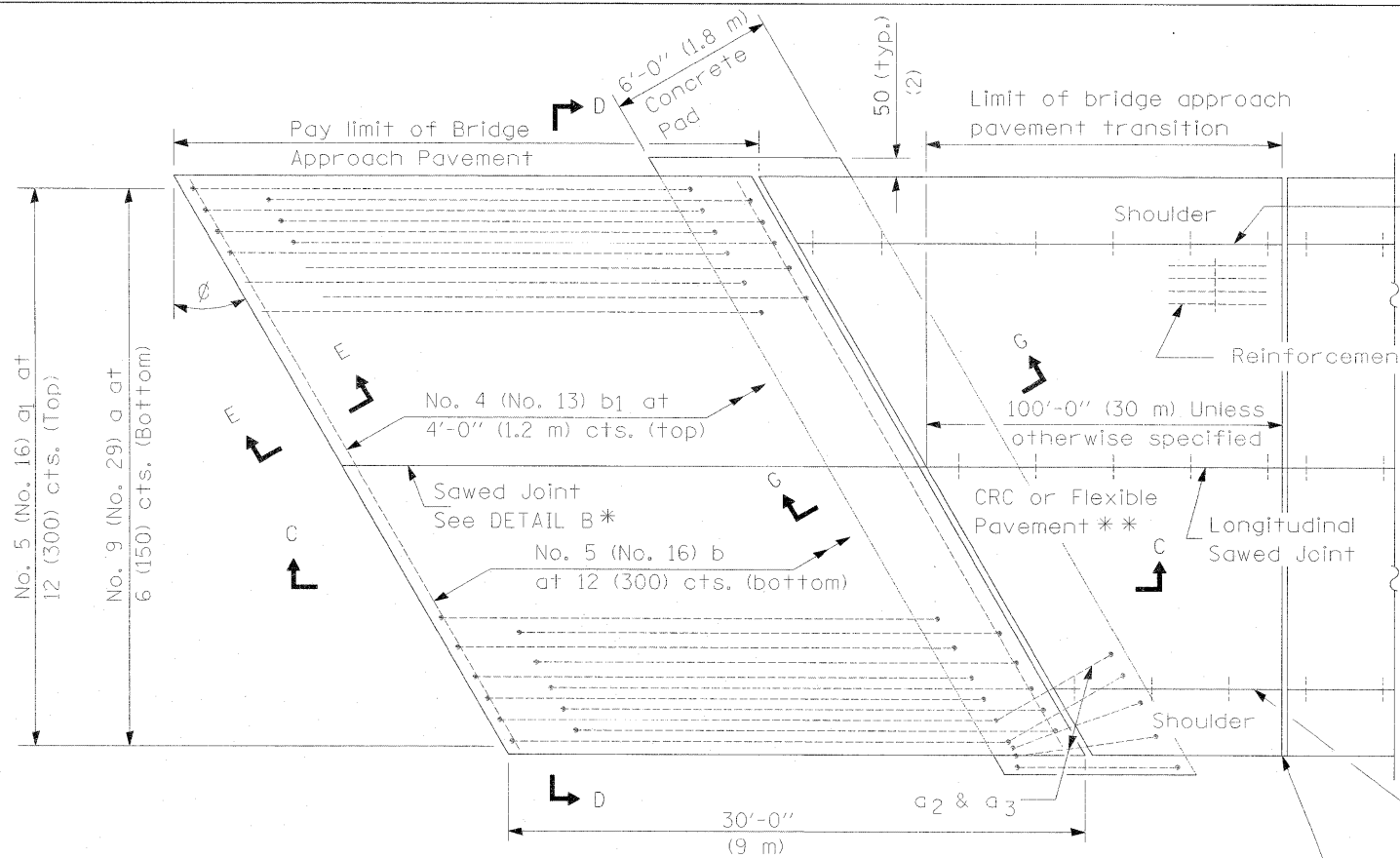
USER NAME = zulkowd	DESIGNED STS/CC	REVISED -
DRAWN RDT		REVISED -
CHECKED CC		REVISED -
DATE 01-14-11		REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

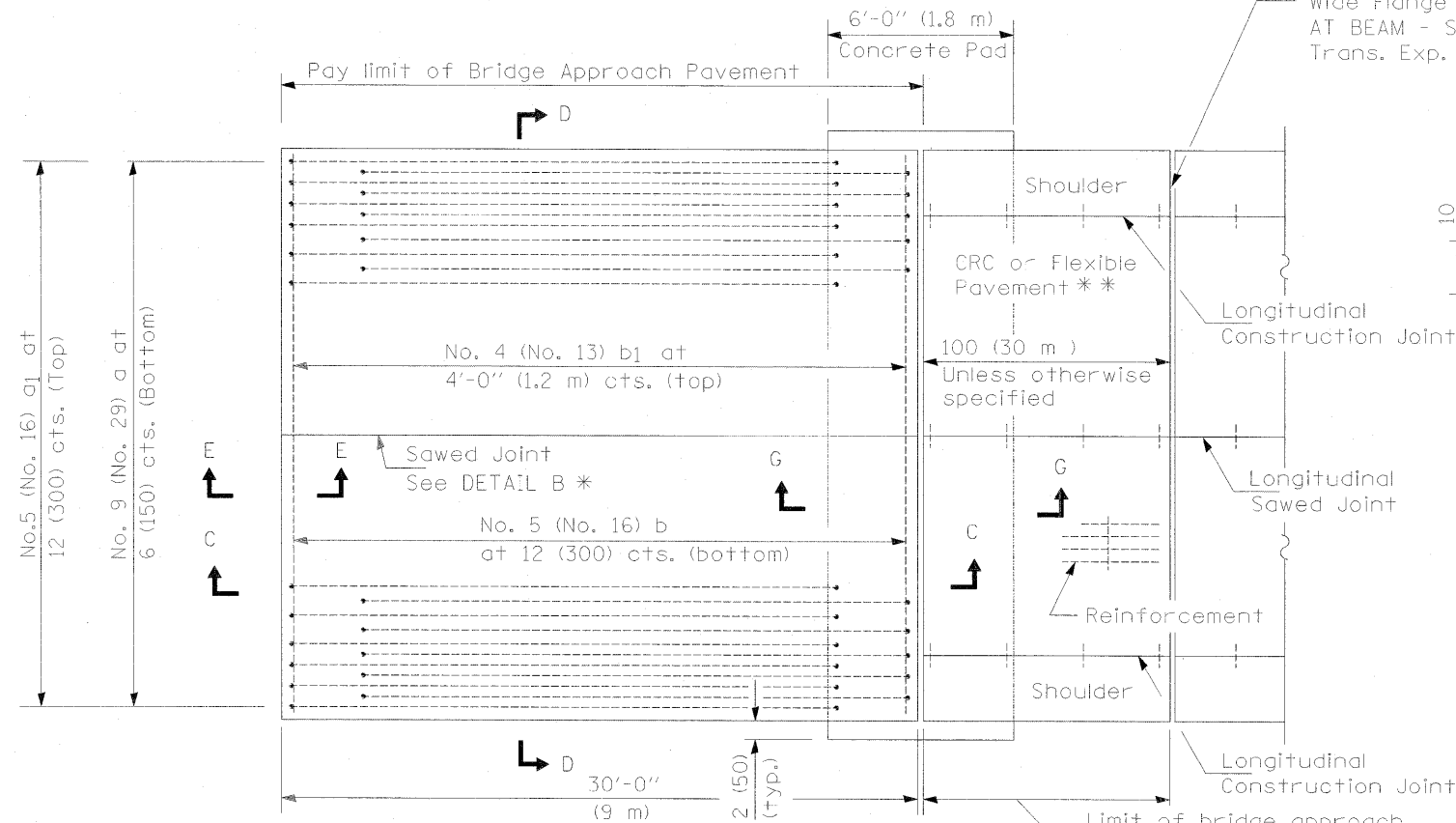
ILLINOIS ROUTE 2 INTERSECTION DETAIL 9 LATHAM RD AT IL ROUTE 2	
SCALE: 1" = 30'	SHEET NO. 243 OF 530 SHEETS
STA.	TO STA.

F.A.P. RTE. 734	SECTION 77-2-2 & 77-2B-1	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 243
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 64813				

NEW CONSTRUCTION

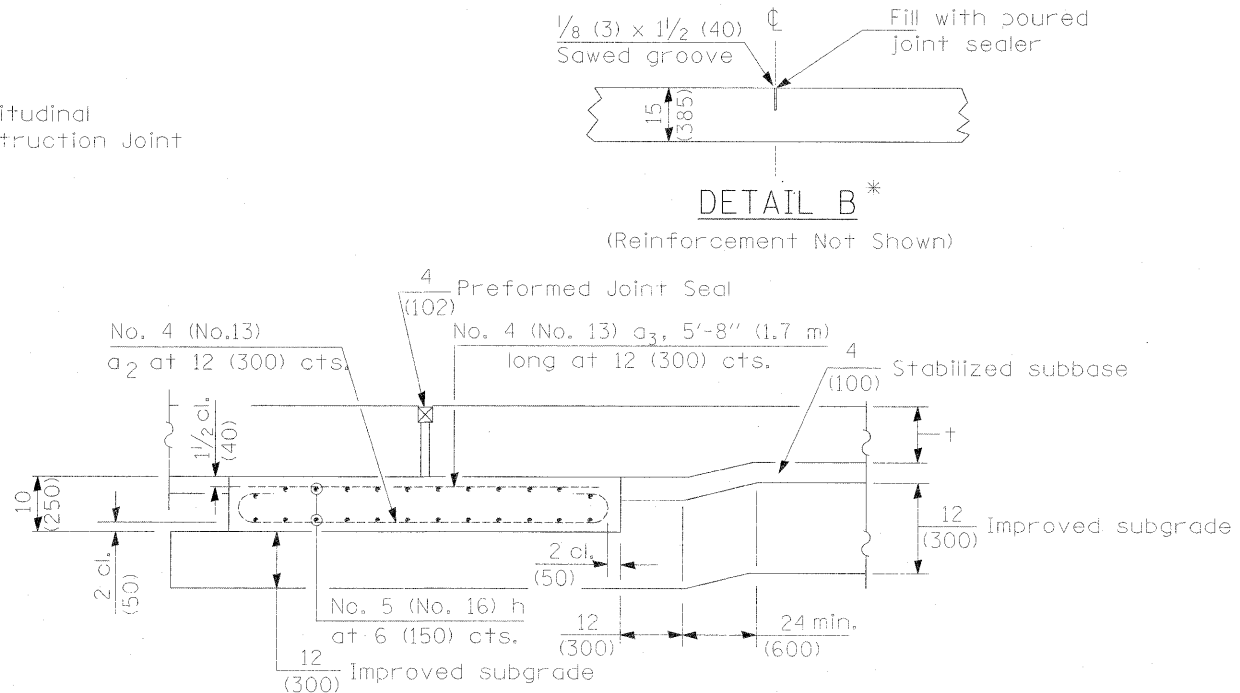


PLAN - WITH SKEW



PLAN - WITHOUT SKEW

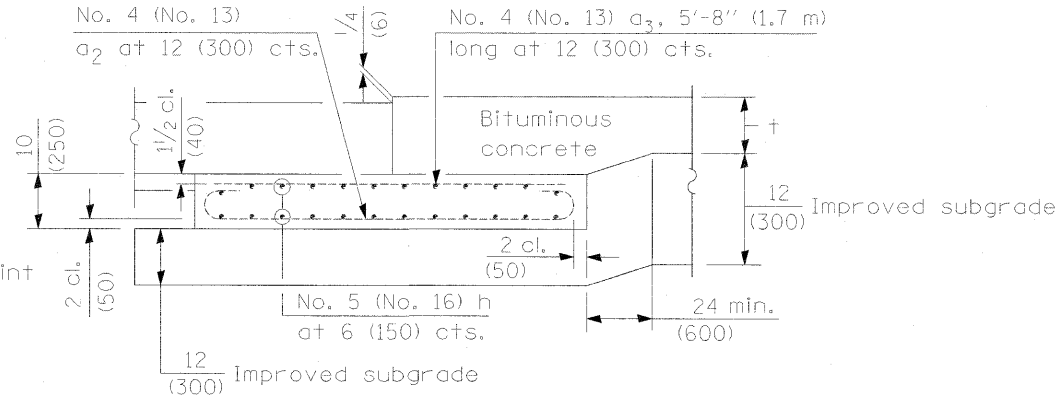
* Saw \perp or lane edge if poured two or more lane widths at a time.
 ** Omit Reinforcement, tie bars and Long. sawed Jt. for Flexible Pavement.



SECTION G-G - RIGID PAVEMENT

(Showing reinforcement)

Rigid Pavement only:
 Wide Flange Beam Terminal Joint (See DETAIL AT BEAM - Standard 421101 or 421106) or 2 (50) Trans. Exp. Joint as detailed on Standard 420001.



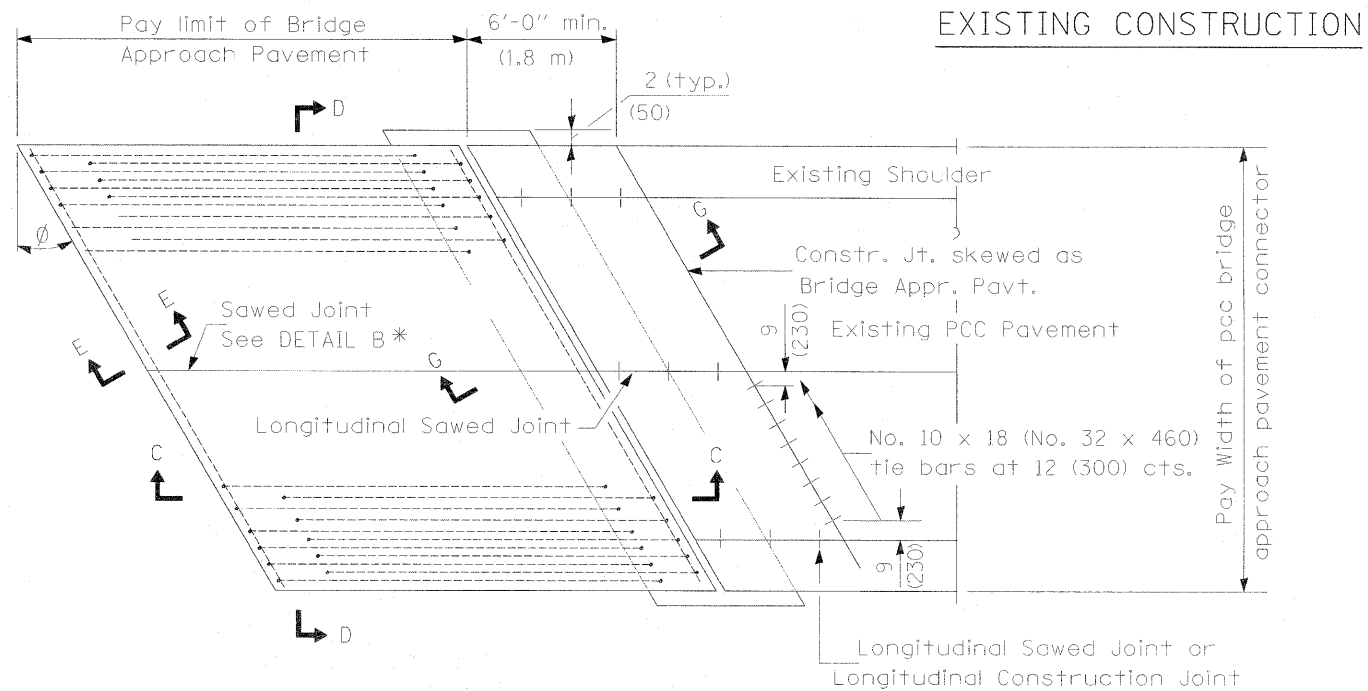
SECTION G-G - FLEXIBLE PAVEMENT

(Showing reinforcement)

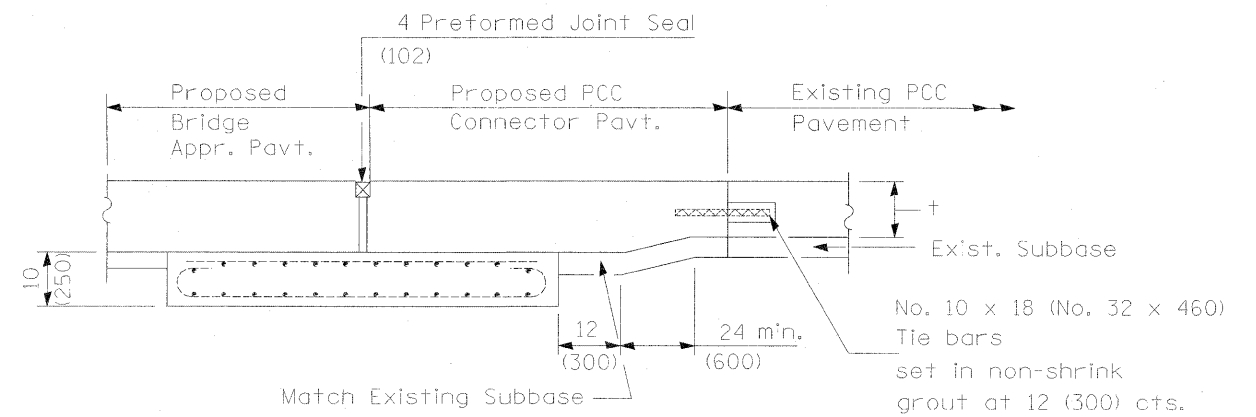
GENERAL NOTES

THICKNESS-"t"=Thickness of Pavement.
 See Standard 421001 for reinforcement details not shown.
 See Standard 420001 for joint details not shown.
 All dimensions are in inches (millimeters) unless otherwise shown.

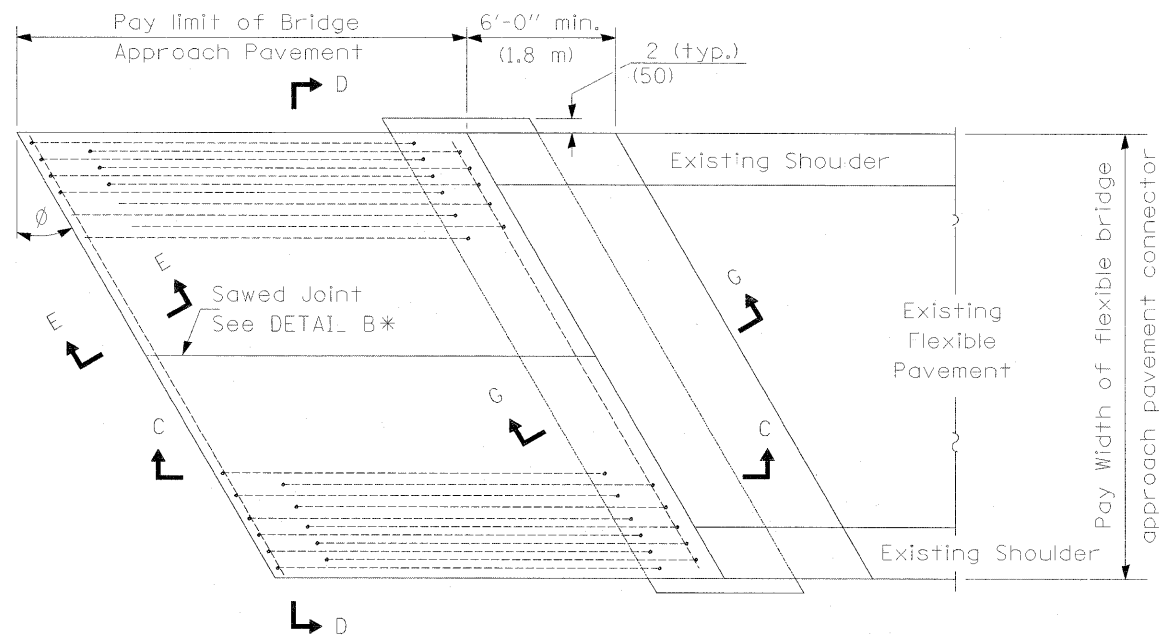
BRIDGE APPROACH PAVEMENT
 (Sheet 1 of 4)



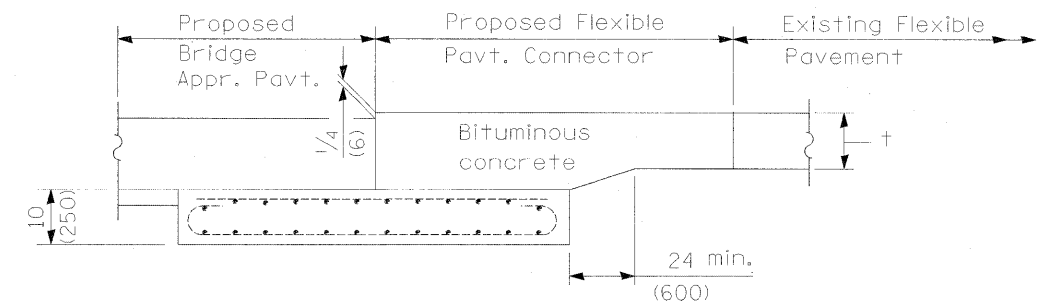
BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)



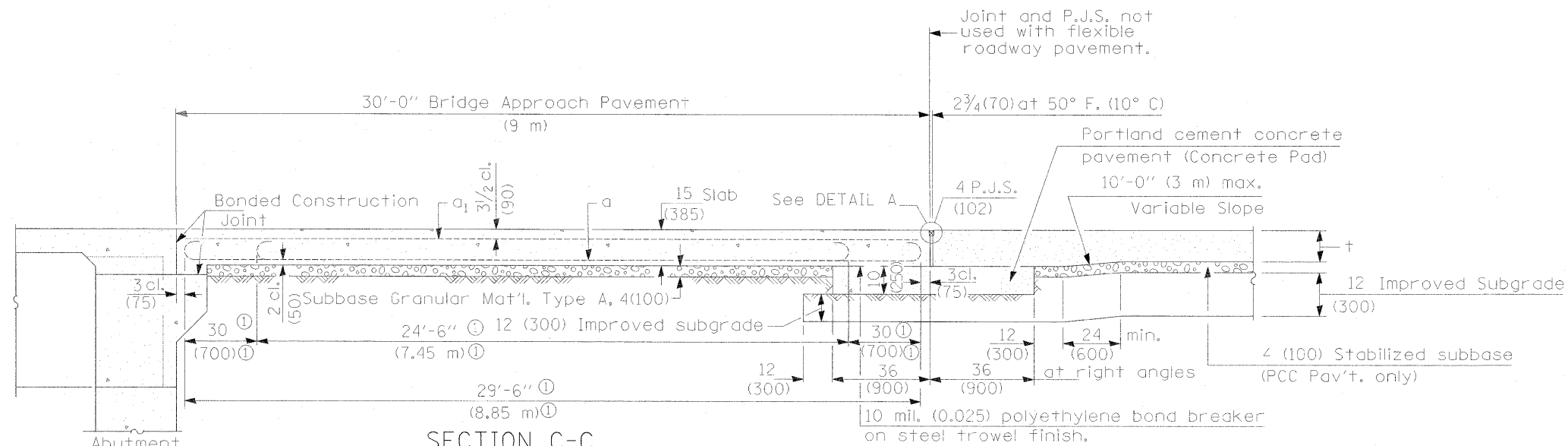
SECTION G-G - RIGID PAVEMENT



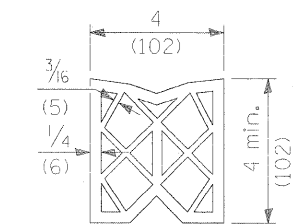
BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)



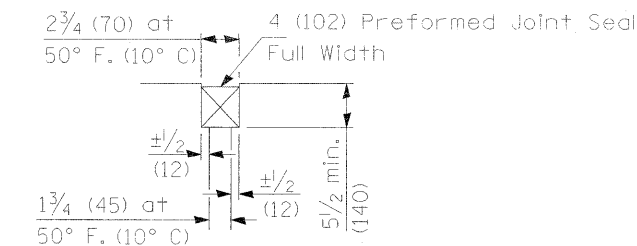
SECTION G-G - FLEXIBLE PAVEMENT



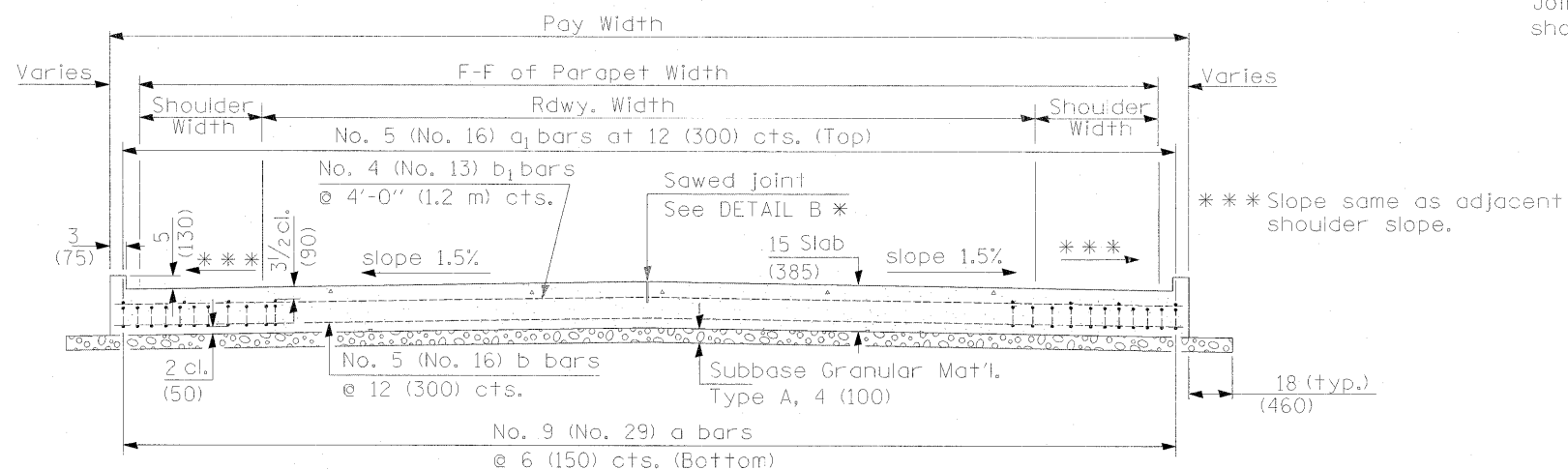
① Stagger No. 9 (No. 29) a bars as shown on plan - full width



PREFORMED JOINT SEAL



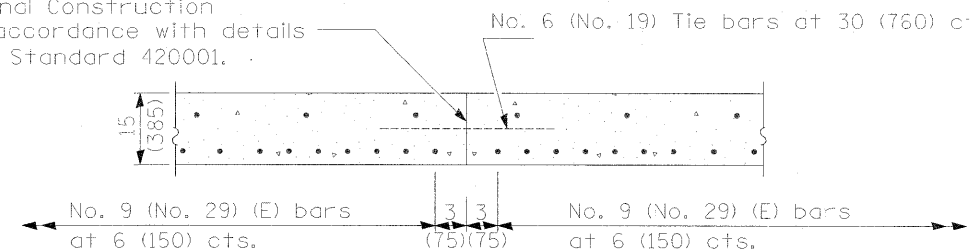
DETAIL A



SECTION D-D

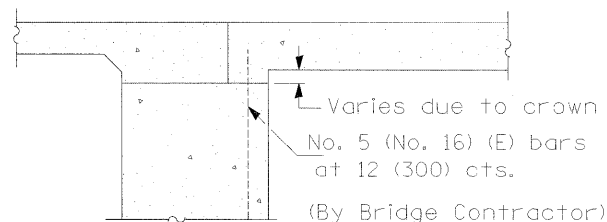
(See Plan for Dimensions not shown)

Longitudinal Construction Joint in accordance with details shown on Standard 420001.

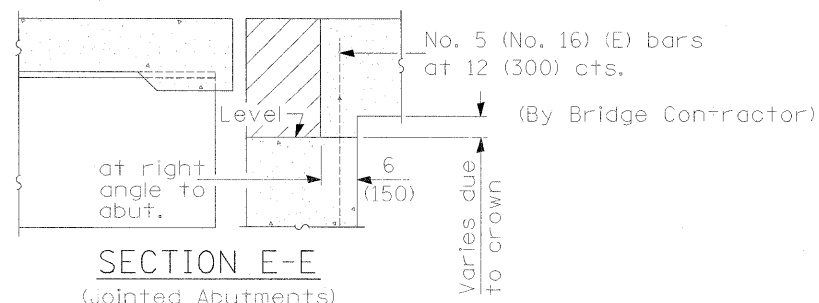


OPTIONAL LONGITUDINAL CONSTRUCTION JOINT

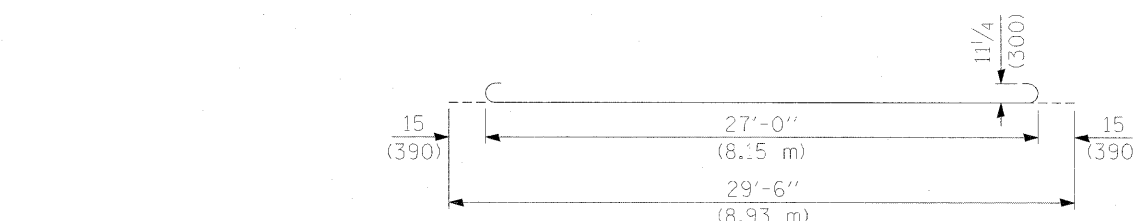
As approved by the Engineer, the Contractor may elect to reduce the widths of pour by use of the Optional Longitudinal Construction Joint shown. Joints shall be located at the edge of a traffic lane.



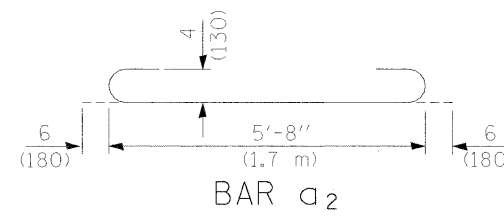
SECTION E-E
(Integral Abutments)



SECTION E-E
(Jointed Abutments)



BAR a



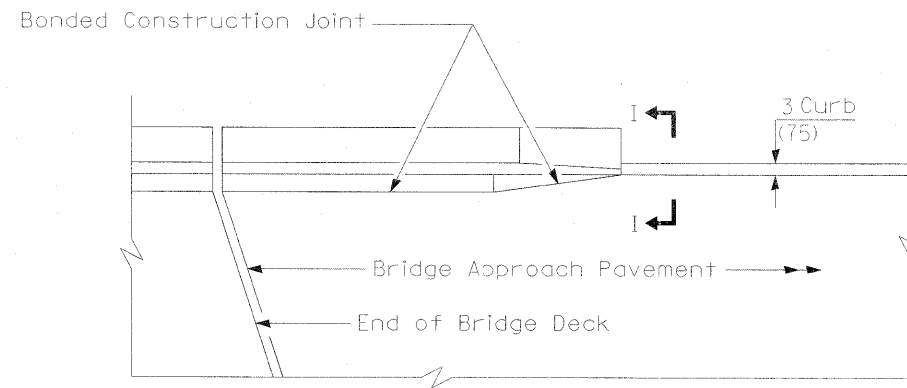
BAR a2

DESIGN STRESSES

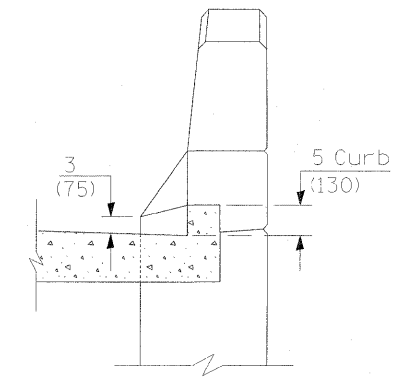
$f_y = 60,000$ p.s.i. (400 MPa)
 $f'_c = 3,500$ p.s.i. (24 MPa)
 $n = 8.5$

BRIDGE APPROACH PAVEMENT

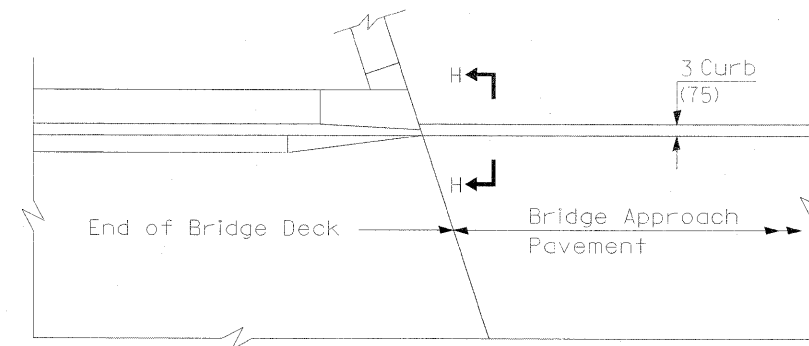
(Sheet 3 of 4)



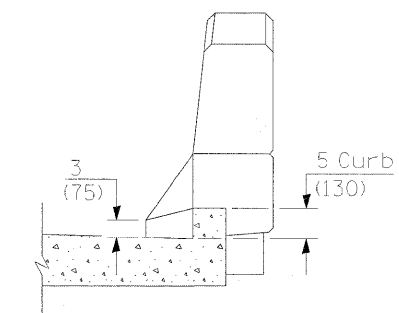
PARAPET TO CURB TRANSITION
PILE BENT ABUTMENT



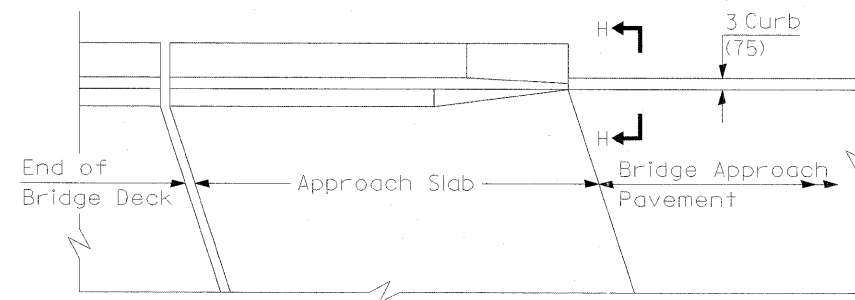
SECTION I - I



PARAPET TO CURB TRANSITION
INTEGRAL ABUTMENT



SECTION H - H



PARAPET TO CURB TRANSITION
VAULTED ABUTMENT

BRIDGE APPROACH PAVEMENT

(Sheet 4 of 4)

PAY CODE	ITEM	UNIT	BAUER	OLD RIVER	LATHAM	TOTAL
TRAFFIC SIGNAL QUANTITIES						
72000100	SIGN PANEL TYPE I	SQ FT	27	27	24	78
80400105	ELECTRIC SERVICE INSTALLATION, SPECIAL	EACH	1	1	1	3
81012800	CONDUIT IN TRENCH, 3" DIAMETER, PVC	FOOT	20	56	86	162
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	4	5	8	17
81400710	HEAVY-DUTY HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	0	0	1	1
81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1	1	1	3
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP TYPE USE) 1/C NO. 10	FOOT	1758	1904	2416	6078
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	20	56	86	162
82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	4	4	4	12
82500505	LIGHTING CONTROLLER, SPECIAL	EACH	1	1	1	3
85700300	FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	1	1	1	3
86200200	UNINTERRUPTIBLE POWER SUPPLY, STANDARD	EACH	1	0	1	2
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C	FOOT	2174	2244	4377	8795
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C	FOOT	3390	2710	2763	8863
87301815	ELECTRIC CABLE IN CONDUIT, SERVICE, NO 6 3C	FOOT	28	43	113	184
87502470	TRAFFIC SIGNAL POST GALVANIZED, 13 FT	EACH	0	0	1	1
87502490	TRAFFIC SIGNAL POST GALVANIZED, 15 FT	EACH	2	4	3	9
87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT	EACH	1	0	0	1
87702980	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT	EACH	2	2	0	4
87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT	EACH	1	0	0	1
87702990	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT	EACH	0	0	2	2
87703000	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 55 FT	EACH	0	1	2	3
87703030	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 60 FT	EACH	0	1	0	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	6	12	15	33
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	3	3	3	9
87800415	CONCRETE FOUNDATION, TYPE E, 36-INCH DIAMETER	FOOT	58	66	60	184
87800420	CONCRETE FOUNDATION, TYPE E, 42-INCH DIAMETER	FOOT	0	21	0	21
87900200	DRILL EXISTING HANDHOLE	FOOT	4	0	0	4
88200400	TRAFFIC SIGNAL BACKPLATE, FORMED PLASTIC	EACH	12	12	13	37
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	0	1	4	5
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	8	8	11	27
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	4	4	2	10
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-5 SECTION, BRACKET MOUNT	EACH	10	8	9	27
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1	0	0	1
89502380	REMOVE EXISTING HANDHOLE	EACH	3	0	0	3
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	4	0	0	4
89502400	REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	EACH	0	0	1	1
X0322533	REMOVE EXISTING MAST ARM ASSEMBLY AND POLE	EACH	3	0	0	3
Z0033084	ELECTRIC CABLE IN CONDUIT, ^{EQUIPMENT} GROUND, NO. 6 1 C (GREEN)	FOOT	642	647	772	2061
X0326711	VIDEO CAMERA CONTROL SYSTEM	EACH	1	1	1	3
Z0033078	CONDUIT INSTALLED, 1 1/4" DIA, NON-METALLIC	FOOT	15	30	100	145
Z0033080	CONDUIT INSTALLED, 2 1/2" DIA, NON-METALLIC	FOOT	68	18	179	265
Z0033082	CONDUIT INSTALLED, 4" DIA, NON-METALLIC	FOOT	532	490	700	1722
X0325206	RELOCATE INTERCONNECT CABLE	FOOT	15	0	0	15
XX003163	EMERGENCY VEHICLE PRIORITY SYSTEM	EACH	1	1	1	3
X4402810	ISLAND SURFACE REMOVAL AND REPLACEMENT	SQ FT	628	0	0	628
X8950305	REMOVE EXISTING SIGNAL HEAD	EACH	13	0	0	13

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	DRAWN -	REVISED -
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PLOT DATE = 2/2/2011	DATE -	REVISED -

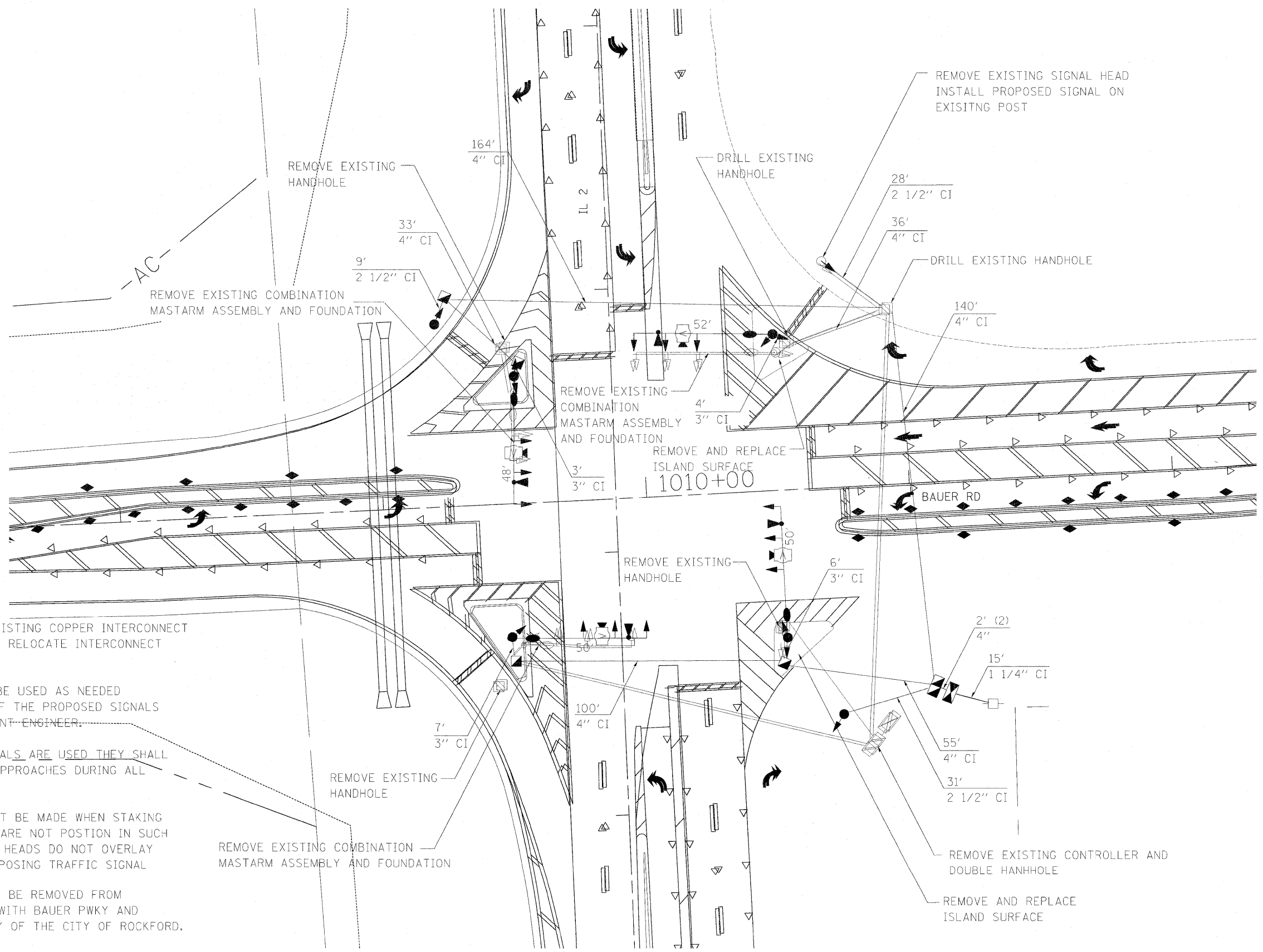
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL QUANTITIES

SCALE: SHEET NO. 249 OF 530 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	77-2-2 & 77-2B-1	WINNEBAGO	530	249
CONTRACT NO. 64813				
ILLINOIS FED. AID PROJECT				

Rev.



NOTE:

PRESERVE AND REINSTALL EXISTING COPPER INTERCONNECT TO ELWOOD RD. PAID FOR AS RELOCATE INTERCONNECT CABLE.

TEMPORARY SIGNALS SHALL BE USED AS NEEDED DURING THE INSTALLATION OF THE PROPOSED SIGNALS AS DIRECTED BY THE RESIDENT ENGINEER.

IF TEMPORARY TRAFFIC SIGNALS ARE USED THEY SHALL PROVIDE PHASING FOR ALL APPROACHES DURING ALL STAGES OF CONSTRUCTION.

SPECIAL CONSIDERATION MUST BE MADE WHEN STAKING THE MAST ARM SO AS THEY ARE NOT POSITION IN SUCH A MATTER THAT THE SIGNAL HEADS DO NOT OVERLAY AND/OR ARE BLOCKED BY OPPOSING TRAFFIC SIGNAL

THE FOLLOWING ITEMS SHALL BE REMOVED FROM THE INTERSECTION OF IL 2 WITH BAUER PWKY AND SHALL REMAIN THE PROPERTY OF THE CITY OF ROCKFORD.

- 1 CONTROLLER AND CABINET
- 3 EXISTING COMBINATION MASTARM ASSEMBLIES
- 1 SIGNAL POST
- 13 TRAFFIC SIGNAL HEADS

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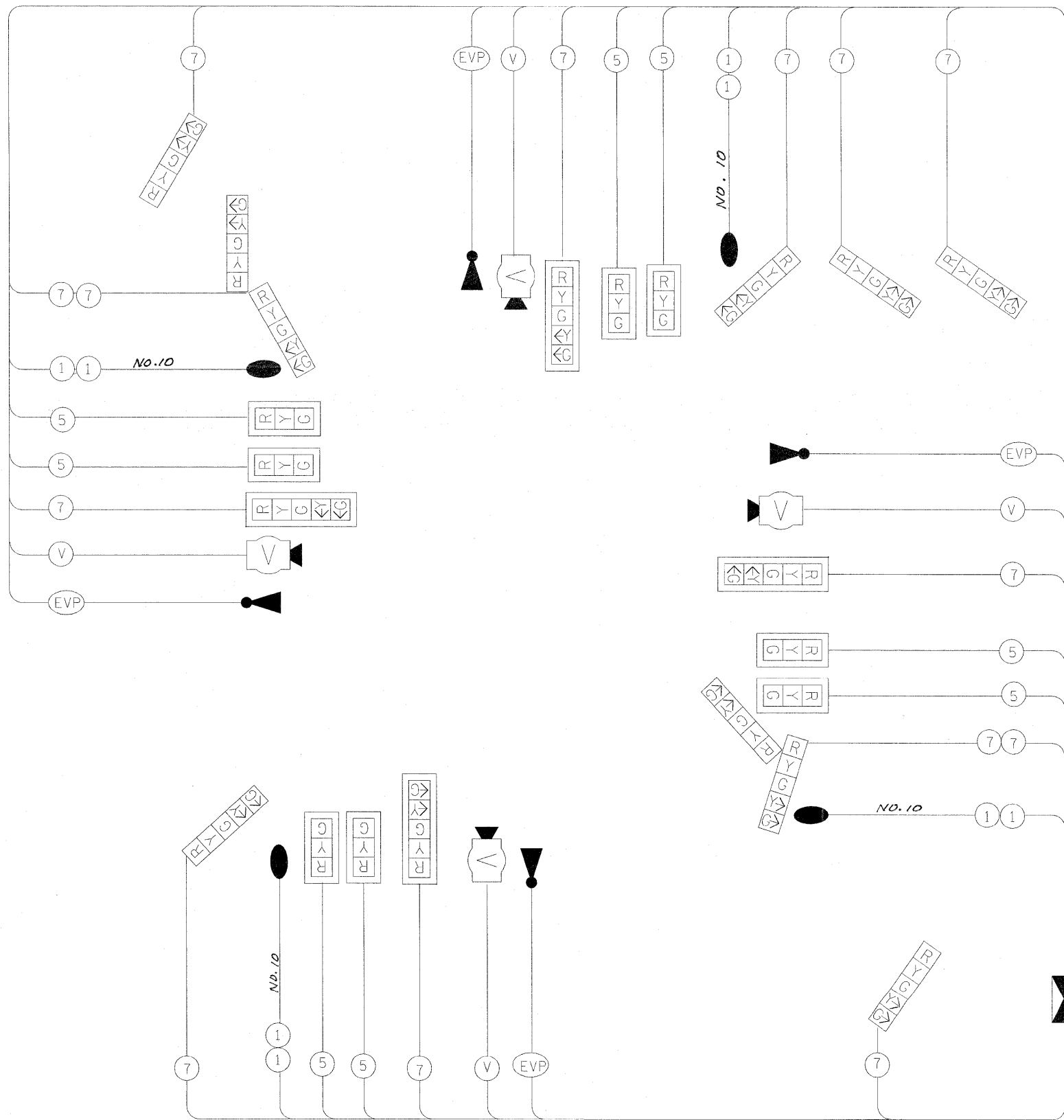
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	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -
PLOT DATE = 2/2/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

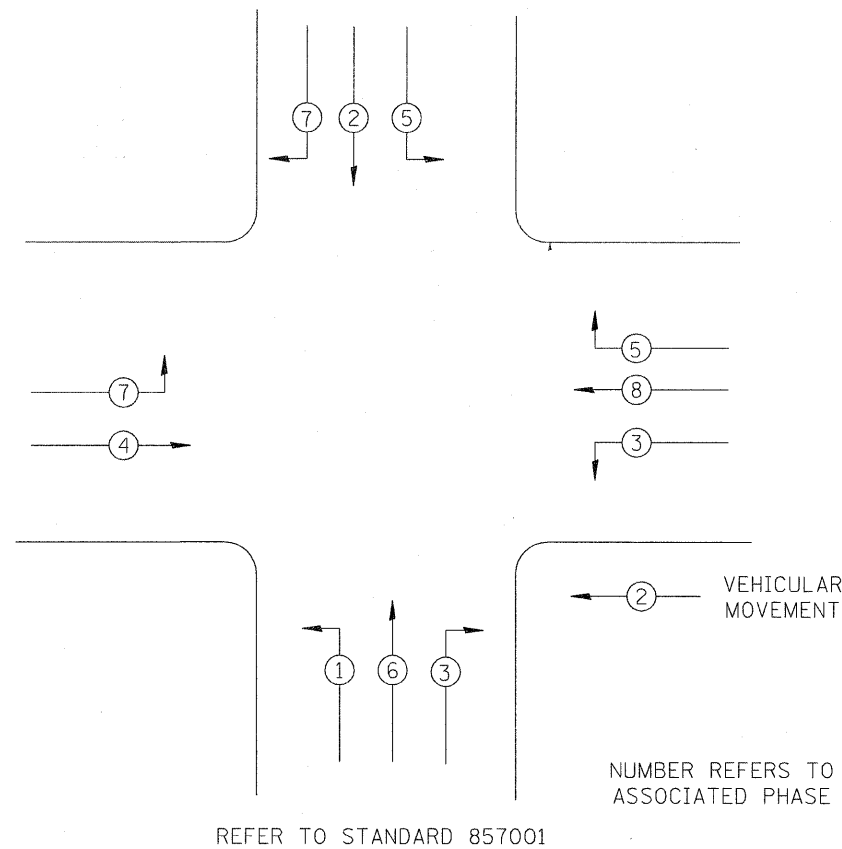
IL RT2 WITH BAUER RD

SCALE: SHEET NO. 250 OF 530 SHEETS STA. TO STA.

F.A.P. RTE. 734	SECTION 77-2-2 & 77-2B-1	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 250
CONTRACT NO. 64813				
ILLINOIS FED. AID PROJECT				



PHASE DESIGNATION DIAGRAM



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USER NAME = zukowid	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 2/2/2011	DATE -	REVISED -

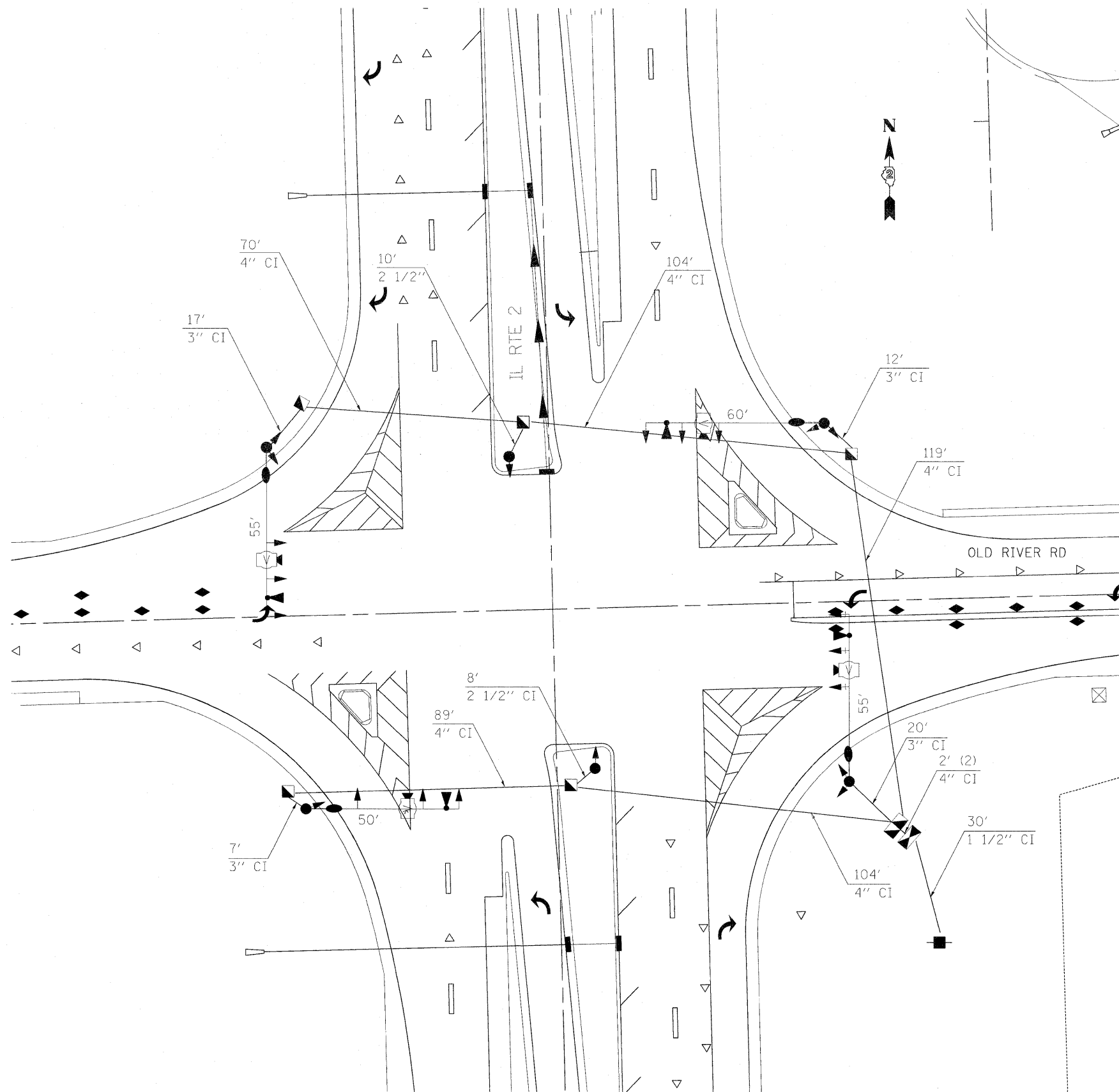
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL RT2 WITH BAUER RD

SCALE: SHEET NO. 251 OF 530 SHEETS STA. TO STA.

F.A.P. RTE. 734	SECTION 77-2-2 & 77-2B-1	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 251
CONTRACT NO. 64813				
ILLINOIS FED. AID PROJECT				

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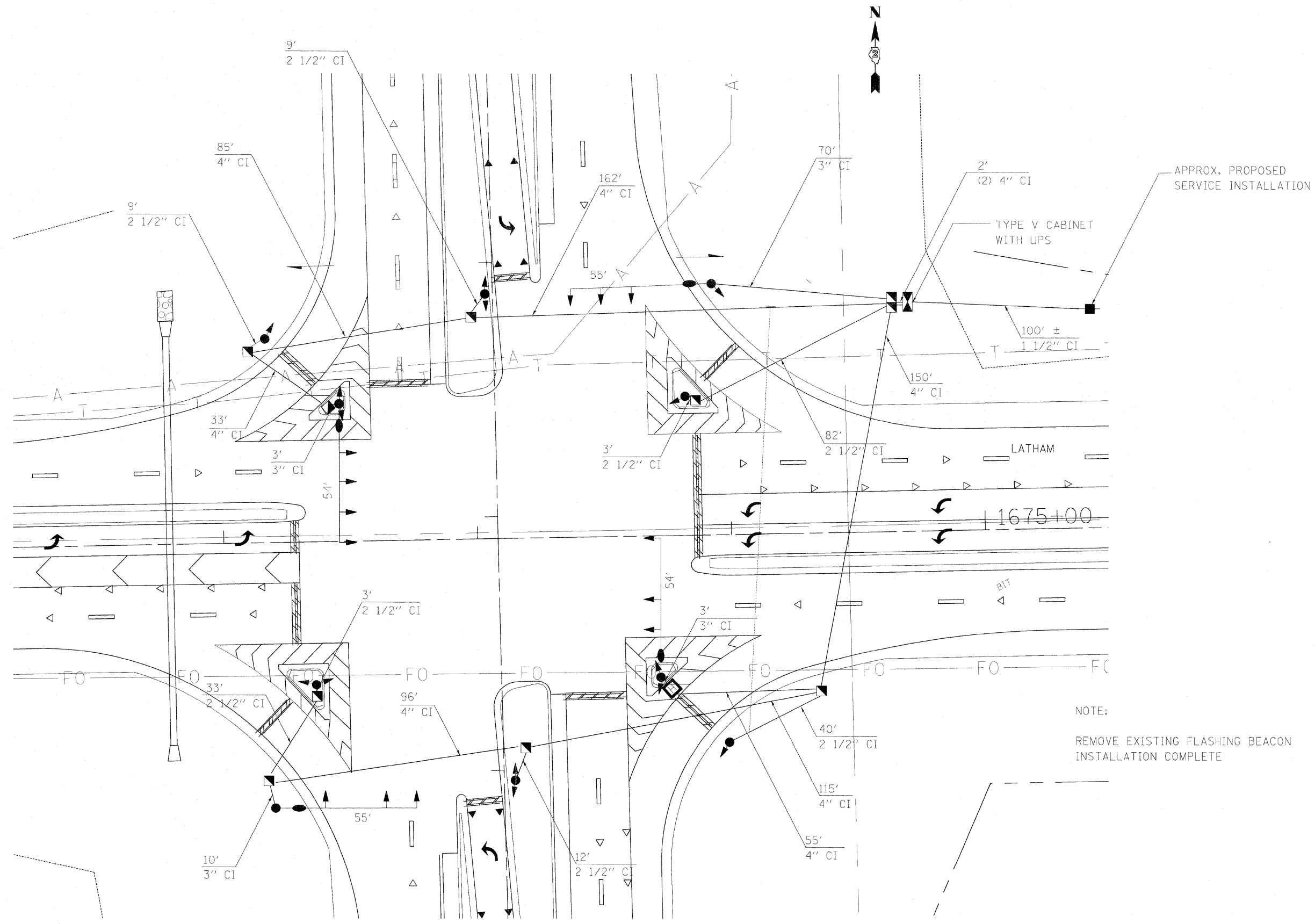
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	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -
PLOT DATE = 2/2/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL RT 2 WITH OLD RIVER RD

SCALE: SHEET NO. 252 OF 530 SHEETS STA. TO STA.

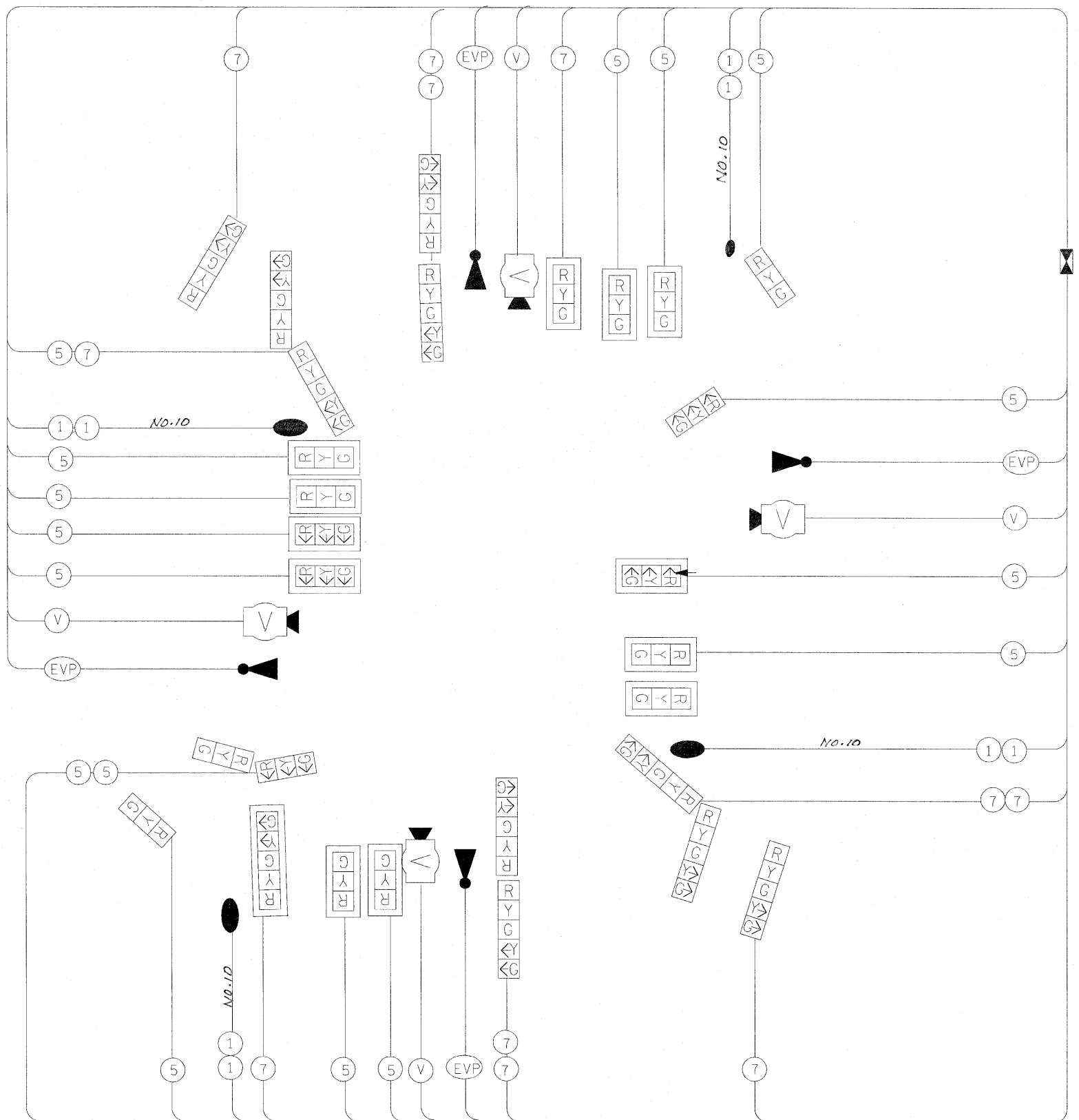
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	77-2-2 & 77-2B-1	WINNEBAGO	530	252
CONTRACT NO. 64813				
ILLINOIS FED. AID PROJECT				



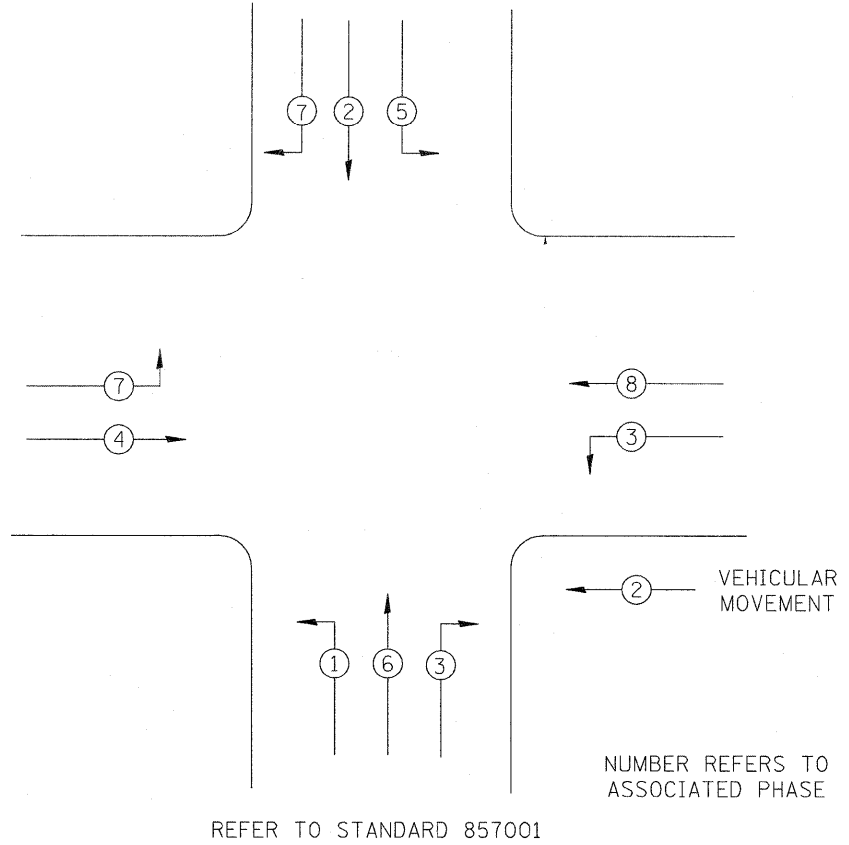
NOTE:
REMOVE EXISTING FLASHING BEACON
INSTALLATION COMPLETE

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USER NAME = zulkowd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RT 2 WITH LATHAM RD		F.A.P. RTE. 734	SECTION 77-2-2 & 77-2B-1	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 254
PLOT SCALE = 20,0000 1/ IN.	DRAWN -	REVISED -		SCALE:	SHEET NO. 254 OF 530 SHEETS	STA.	TO STA.	CONTRACT NO. 64813		ILLINOIS FED. AID PROJECT
PLOT DATE = 2/2/2011	CHECKED -	REVISED -								
	DATE -	REVISED -								



PHASE DESIGNATION DIAGRAM



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	DATE -	REVISED -

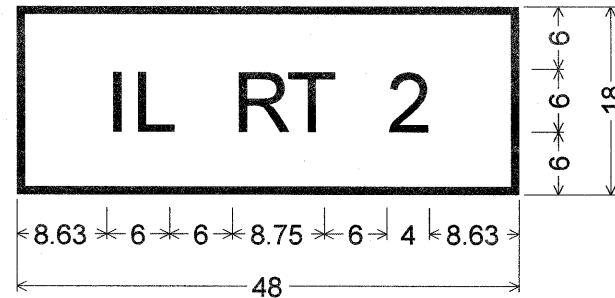
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL RT 2 WITH LATHAM RD

SCALE: SHEET NO. 255 OF 530 SHEETS STA. TO STA.

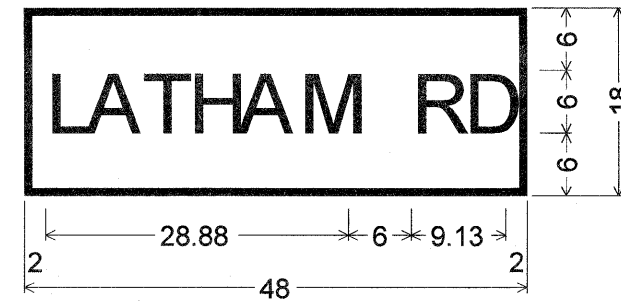
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CONTRACT NO. 64813				
ILLINOIS FED. AID PROJECT				

Designed for E.C. Film over AP sheeting



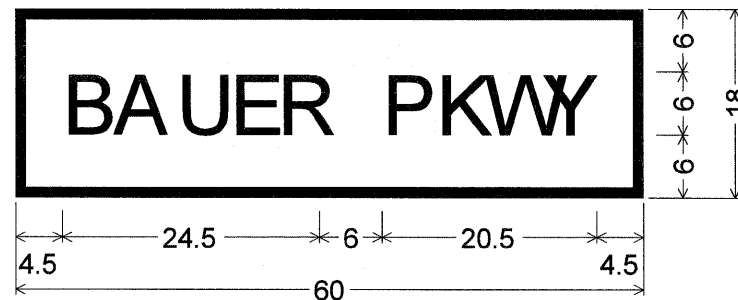
1.50" Radius, 0.75" Border, White on Green;
[IL RT 2] D;
Table of letter and object lefts.

I	L	R	T	2
8.63	10.88	20.63	25.75	35.38



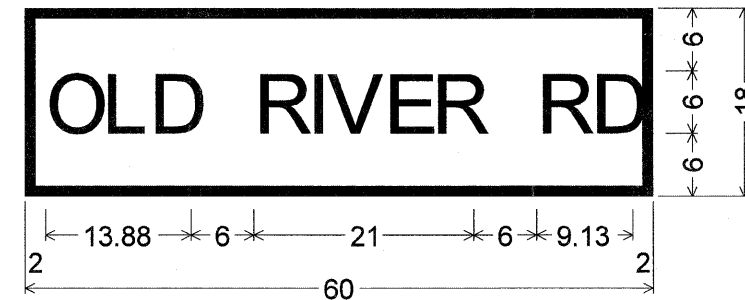
1.50" Radius, 0.75" Border, White on Green;
[LATHAM RD] D 70} spacing;
Table of letter and object lefts.

L	A	T	H	A	M
2.00	6.00	11.25	15.63	20.50	26.25
R	D				
36.88	42.00				



1.50" Radius, 1.00" Border, White on Green;
[BAUER PKWY] D 80} spacing;
Table of letter and object lefts.

B	A	U	E	R
4.50	9.38	15.25	20.50	25.00
P	K	W	Y	
35.00	40.25	44.88	50.50	



1.50" Radius, 1.00" Border, White on Green;
[OLD RIVER RD] D 80} spacing;
Table of letter and object lefts.

O	L	D			
2.00	7.25	11.88			
R	I	V	E	R	
21.88	27.00	28.88	34.25	38.88	
R	D				
48.88	54.00				

No Radius on corners

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	DATE -	REVISED -

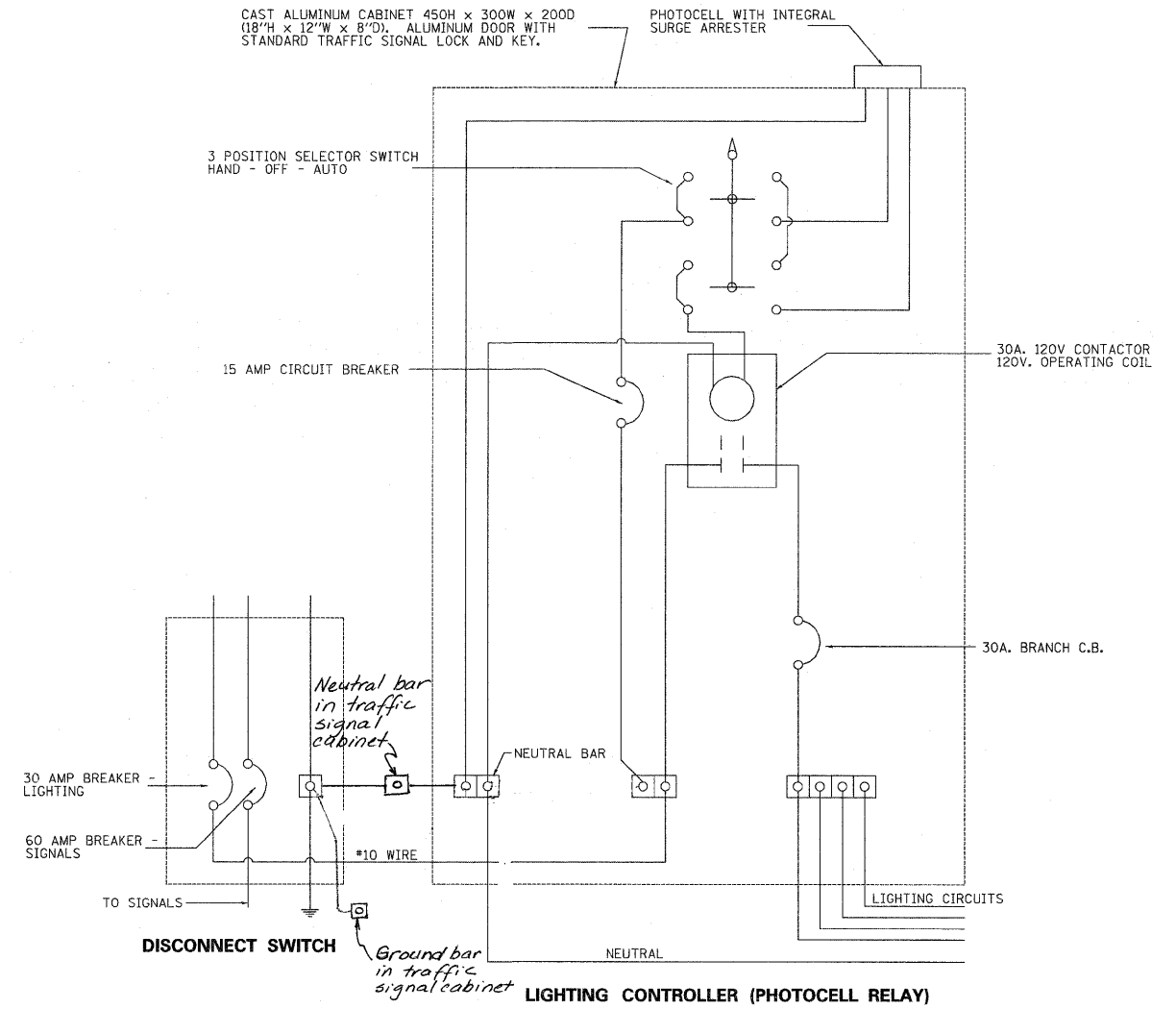
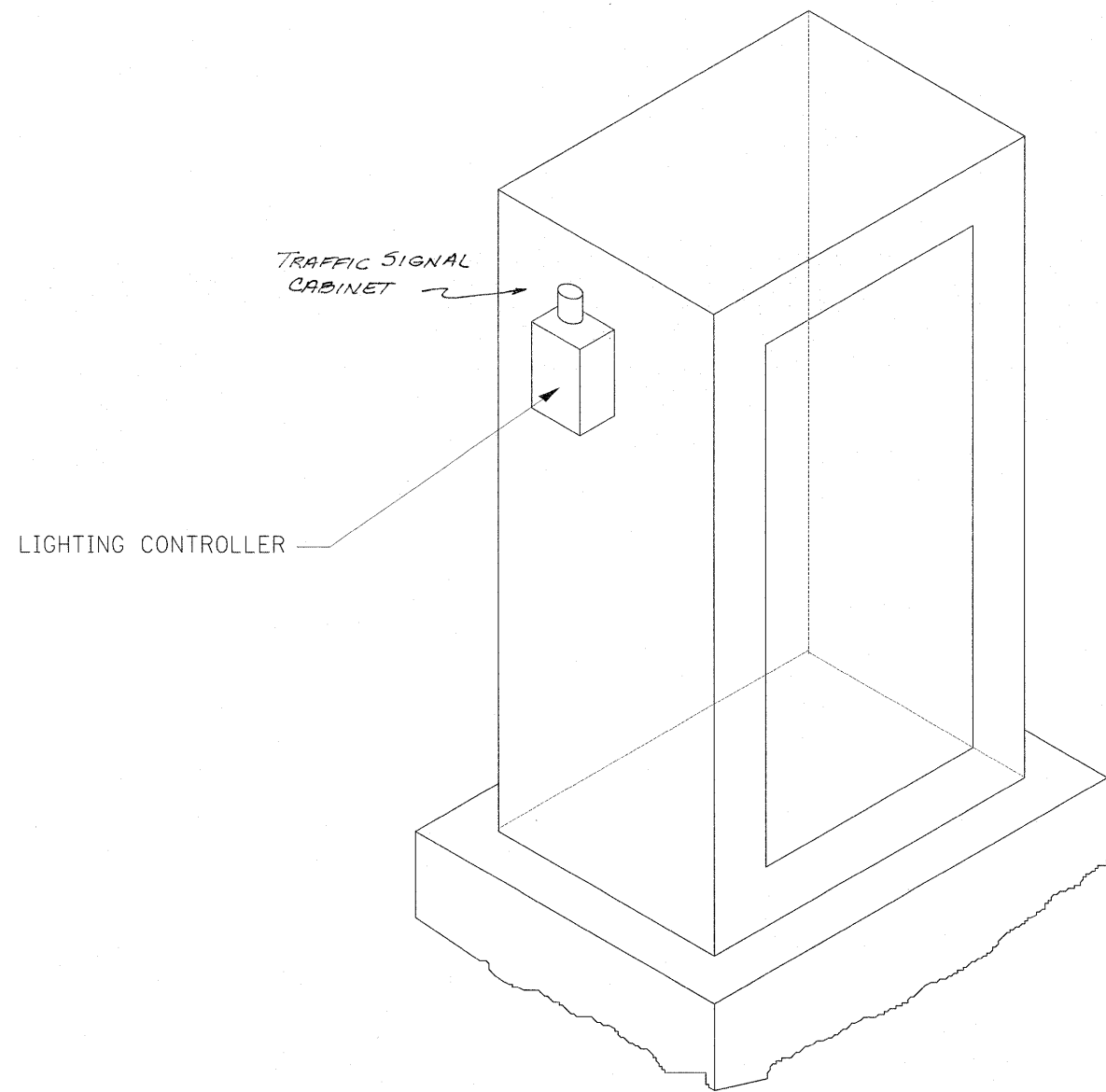
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STREET SIGN DETAILS

SCALE: SHEET NO. 256 OF 530 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	77-2-2 & 77-2B-1	WINNEBAGO	530	256
CONTRACT NO. 64813				

ILLINOIS FED. AID PROJECT



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	DRAWN -	REVISED -
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PLOT DATE = 2/2/2011	DATE -	REVISED -

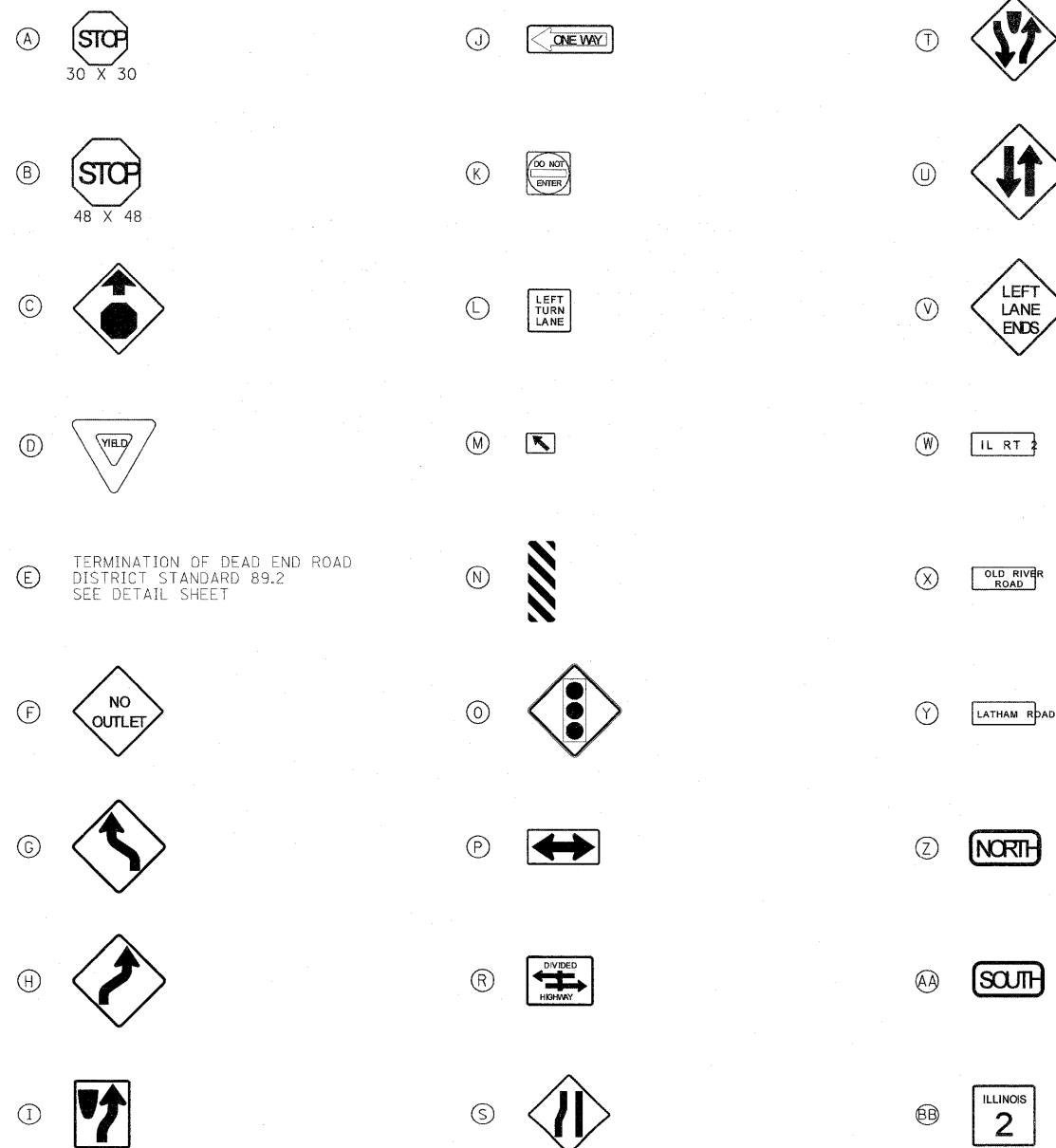
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LIGHTING CONTROLLER DETAIL

SCALE: SHEET NO. 257 OF 530 SHEETS STA. TO STA.

F.A.P. RTE. 734	SECTION 77-2-2 & 77-2B-1	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 257
CONTRACT NO. 64813				
ILLINOIS FED. AID PROJECT				

ILLINOIS DEPARTMENT OF TRANSPORTATION



ITEM	# OF SIGNS	TYPE	DESCRIPTION	SIZE	SHEETING	SQ FT EACH	TOTAL SQ FT	
							TYPE I	TYPE II
A	11	RI-1	STOP	30" X 30"	ZZ	5	50	
B	4	RI-1	STOP	36" X 36"	ZZ	9		36
C	8	W3-1A	STOP AHEAD	36" X 36"	FL YE	7.5	52.5	
D	4	R1-1	YIELD	30" X 30"	AP	3.125	12.5	
E	8	DISTRICT STANDARD 89.2						
	24	RED	RED OBJECT MARKER	18" X 18"	AP	3	66	
	24	RED	RED OBJECT MARKER	18" X 18"	AP	3	66	
	24	R11-2A	ROAD ENDS	36" X 30"	AP	7.5	165	
F	2	W-SPC	NO OUTLET	36" X 36"	FL YE	7.5	15	
G	4	W1-4L	CURVE LEFT	36" X 36"	FL YE	7.5	22.5	
H	3	W1-4R	CURVE RIGHT	36" X 36"	FL YE	7.5	22.5	
I	3	R4-7	MEDIAN KEEP RIGHT	24" X 30"	AP	5	15	
J	4	R6-1L	ONE WAY LEFT	36" X 12"	AP	3	12	
K	8	R5-1	DO NOT ENTER	30" X 30"	AP	5	40	
L	12	R3-I100	LEFT TURN LANE	24" X 24"	AP	4	48	
M	6	M6-2L	KEEP LET ARROW ONLY	21" X 15"	AP	2.2	13.2	
N	11	M10-1L	DIAGONAL OBJECT MARKER	12" X 36"	ZZ	3	33	
O	12	W3-3	SIGNAL AHEAD SYMBOL	48" X 48"	ZZ	16		192
P	1	W1-7	T-INTERSECTION ARROWS	48" X 24"	FL YE	8	8	
R	2	R6-3	DIVIDED HIGHWAY	30" X 24"	AP	5	10	
S	2	W4-2R	MERGE LEFT	48" X 48"	ZZ	16		32
T	3	W6-1	DIVIDED HIGHWAY ARROWS	36" X 36"	ZZ	9	27	
U	3	W6-3	TWO-WAY TRAFFIC ARROWS	36" X 36"	ZZ	9	27	
V	2	W9-1R	LEFT LANE ENDS	48" X 48"	ZZ	16		32
W	2	W17-I101	IL RT 2	48" X 48"	ZZ	6	12	
X	4	W17-I101	OLD RIVER ROAD	48" X 48"	ZZ	6	24	
Y	4	W17-I101	LATHAM ROAD	48" X 48"	ZZ	6	24	
Z	1	M3-3	NORTH	24" X 12"	AP	2	2	
AA	1	M3-3	SOUTH	24" X 12"	AP	2	2	
BB	4	M1-I100	ILLINOIS 2	24" X 24"	AP	4	16	

PAY CODE	ITEM	UNIT	QTY
72000100	SIGN PANEL TYPE I	SQ F	780
72000200	SIGN PANEL TYPE II	SQ F	292
73000100	WOOD SIGN SUPPORT	FT	2178

- NOTE:
1. THERE ARE 105 WOOD SIGN SUPPORTS AT 18' EACH (121 X 18').
 2. ALL SIGNS LOCATIONS SHALL BE STAKED BY IDOT BUREAU OF OPERATIONS 815.284.5478.
 3. STREET SIGNS FOR MAST-ARMS ARE INCLUDED ON THE SIGNAL PLAN SHEETS.

USER NAME = zulkowd	DESIGNED -	REVISED -
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PLDT DATE = 2/2/2011	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC SIGNING QUANTITIES

SCALE: SHEET NO. 258 OF 530 SHEETS | STA. TO STA.

F.A.P. RTE. 734	SECTION 77-2-2 & 77-2B-1	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 258
CONTRACT NO. 64813				
ILLINOIS FED. AID PROJECT				

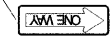
TERMINATION OF DEAD END ROAD
DISTRICT STANDARD 89.2
SEE DETAIL SHEET

115+00

120+00



BAND ONE WAY SIGNS TO SIGNAL POST
IN THE TWO ISLANDS



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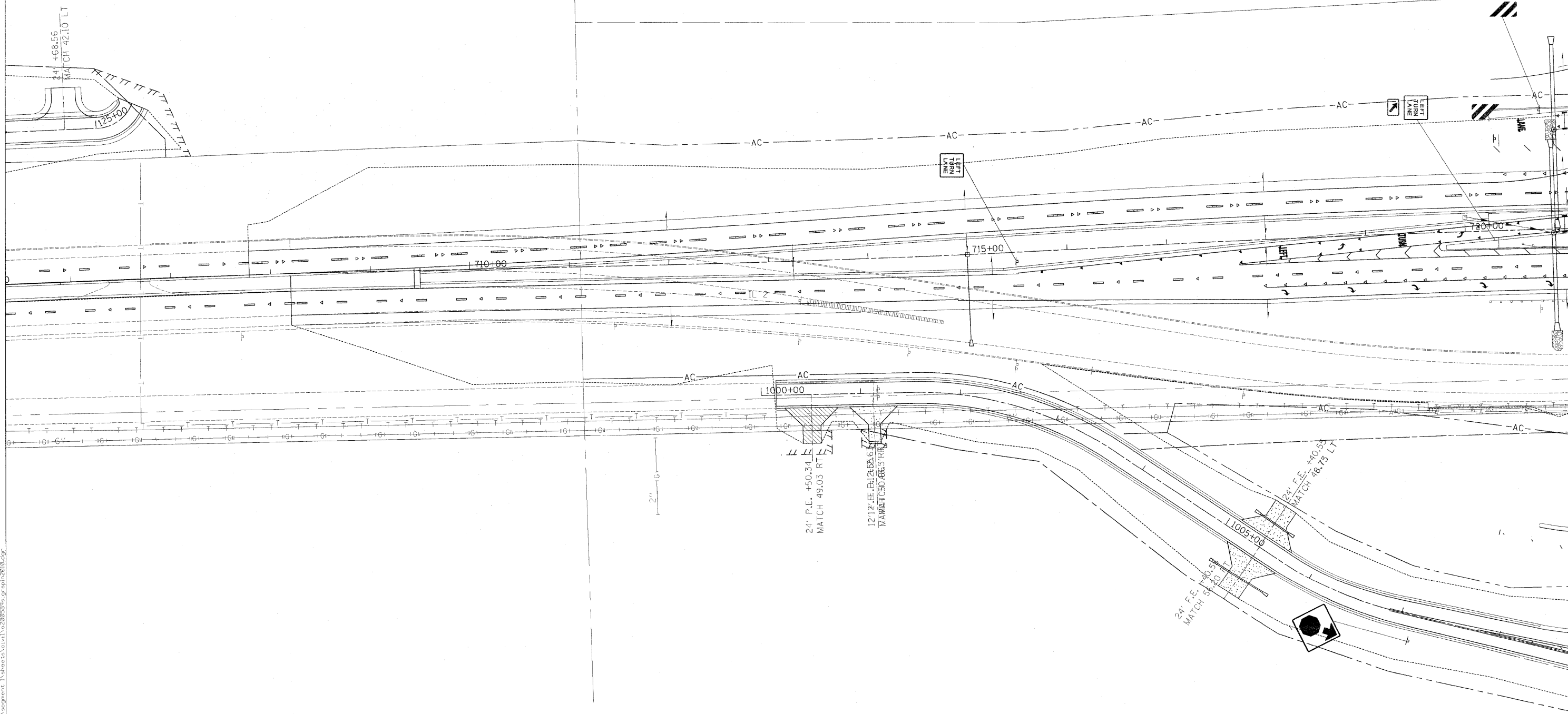
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PLDT DATE = 2/2/2011	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL ROUTE 2 SIGN LOCATIONS

SCALE: SHEET NO. 259 OF 530 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	77-2-2 & 77-2B-1	WINNEBAGO	530	259
CONTRACT NO. 64813				
ILLINOIS FED. AID PROJECT				



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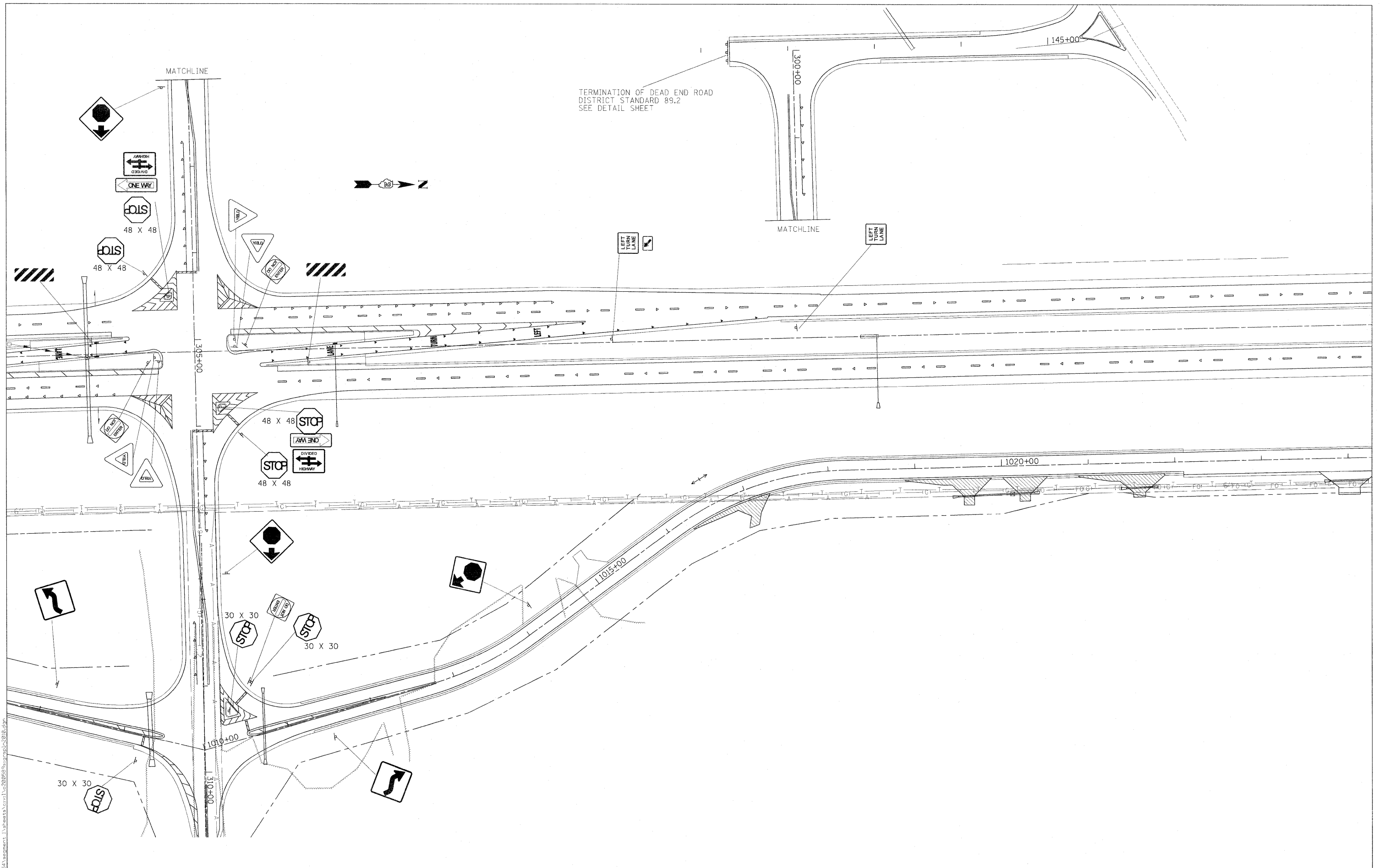
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PLLOT DATE = 2/2/2011	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL ROUTE 2 SIGN LOCATIONS

SCALE: SHEET NO. 260 OF 530 SHEETS STA. TO STA.

F.A.P. RTE. 734	SECTION 77-2-2 & 77-2B-1	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 260
CONTRACT NO. 64813				
ILLINOIS FED. AID PROJECT				



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 2 SIGN LOCATIONS	
SCALE:	SHEET NO. 261 OF 530 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	77-2-2 & 77-2B-1	WINNEBAGO	530	261
CONTRACT NO. 64813				
ILLINOIS FED. AID PROJECT				



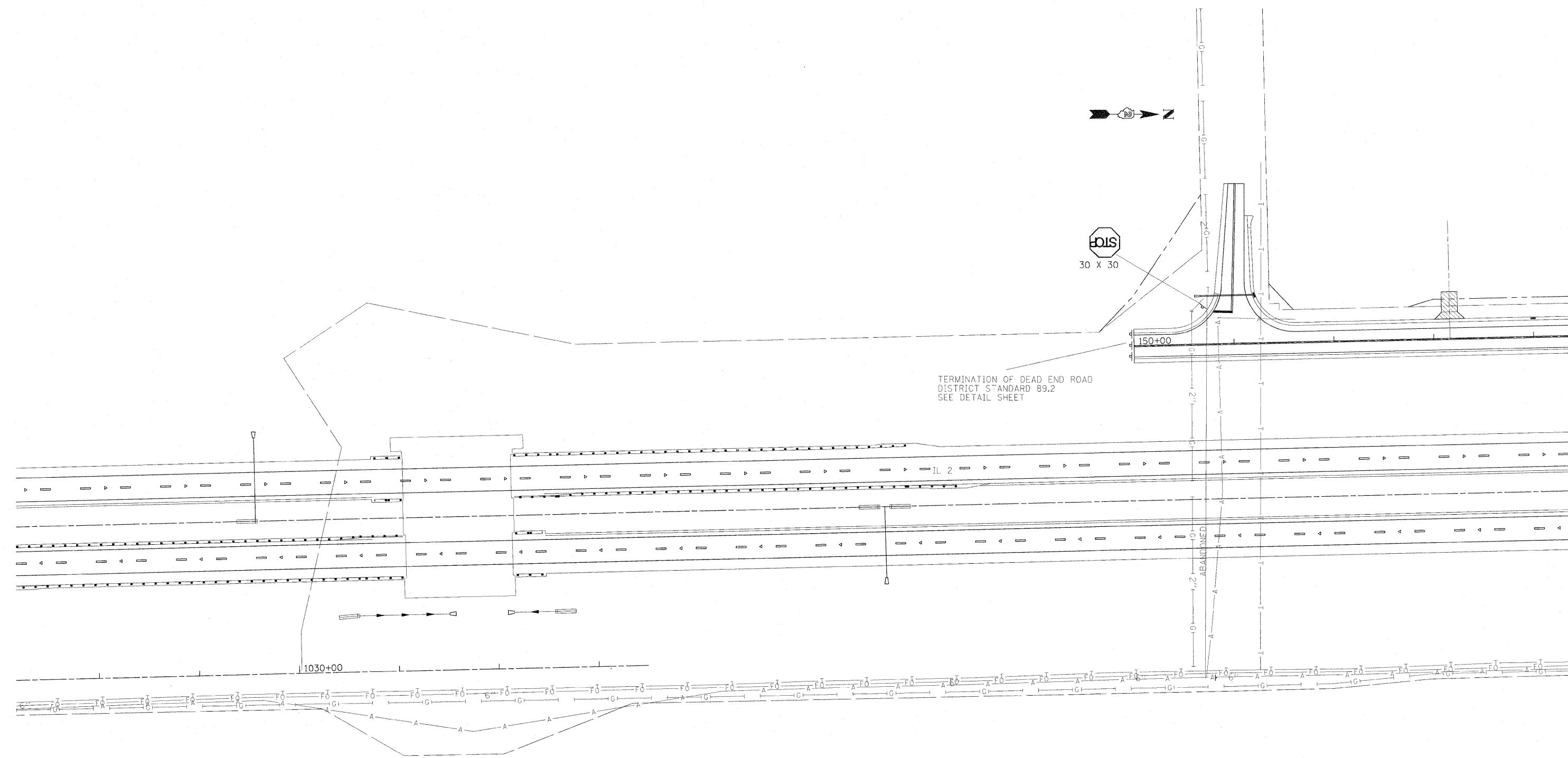
30 X 30

TERMINATION OF DEAD END ROAD
DISTRICT STANDARD 89.2
SEE DETAIL SHEET

150+00

1030+00

ABANDONED



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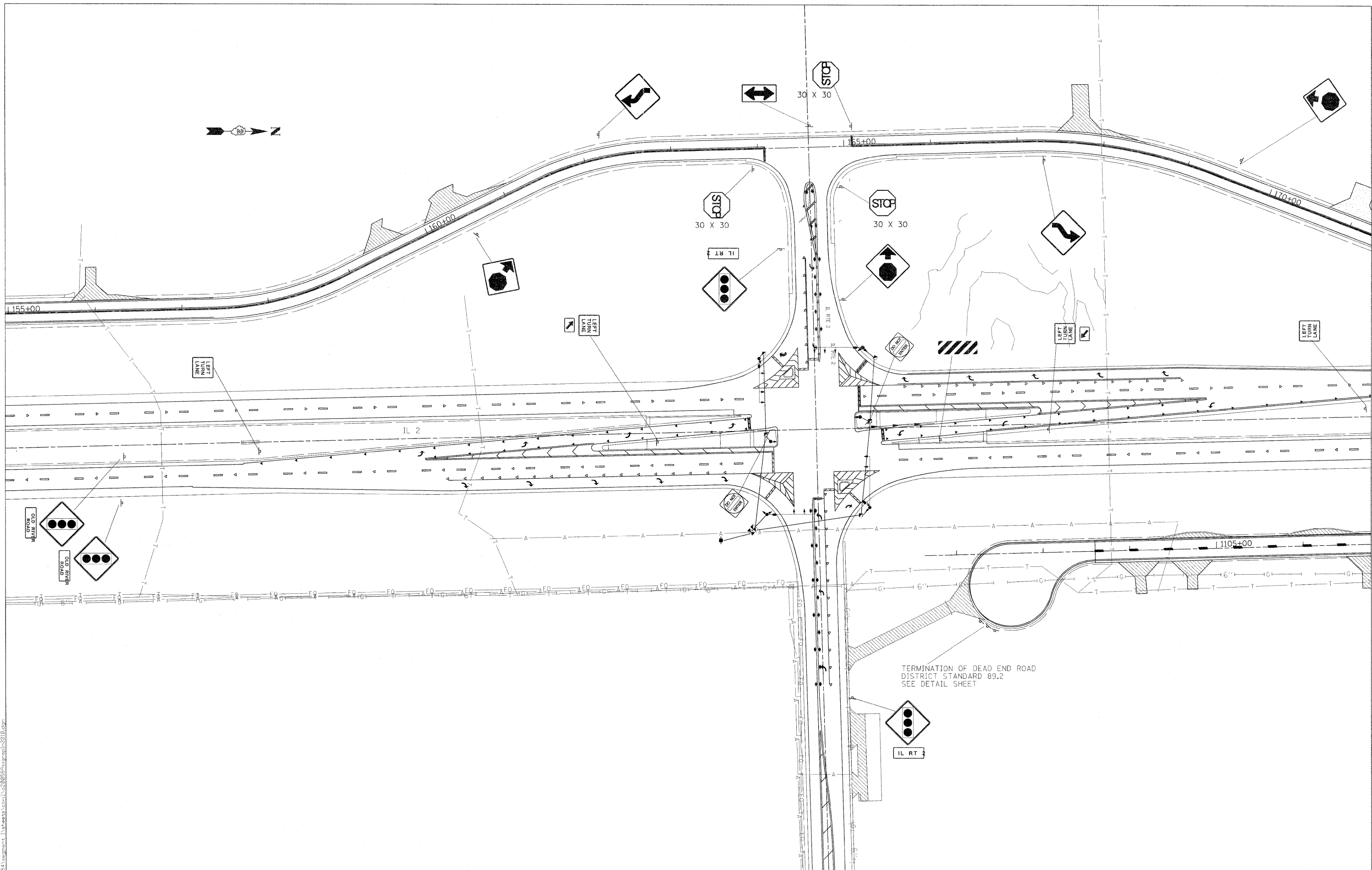
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PLOT DATE = 2/2/2011	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL ROUTE 2 SIGN LOCATIONS

SCALE: SHEET NO. 262 OF 530 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	77-2-2 & 77-2B-1	WINNEBAGO	530	262
CONTRACT NO. 64813			ILLINOIS FED. AID PROJECT	



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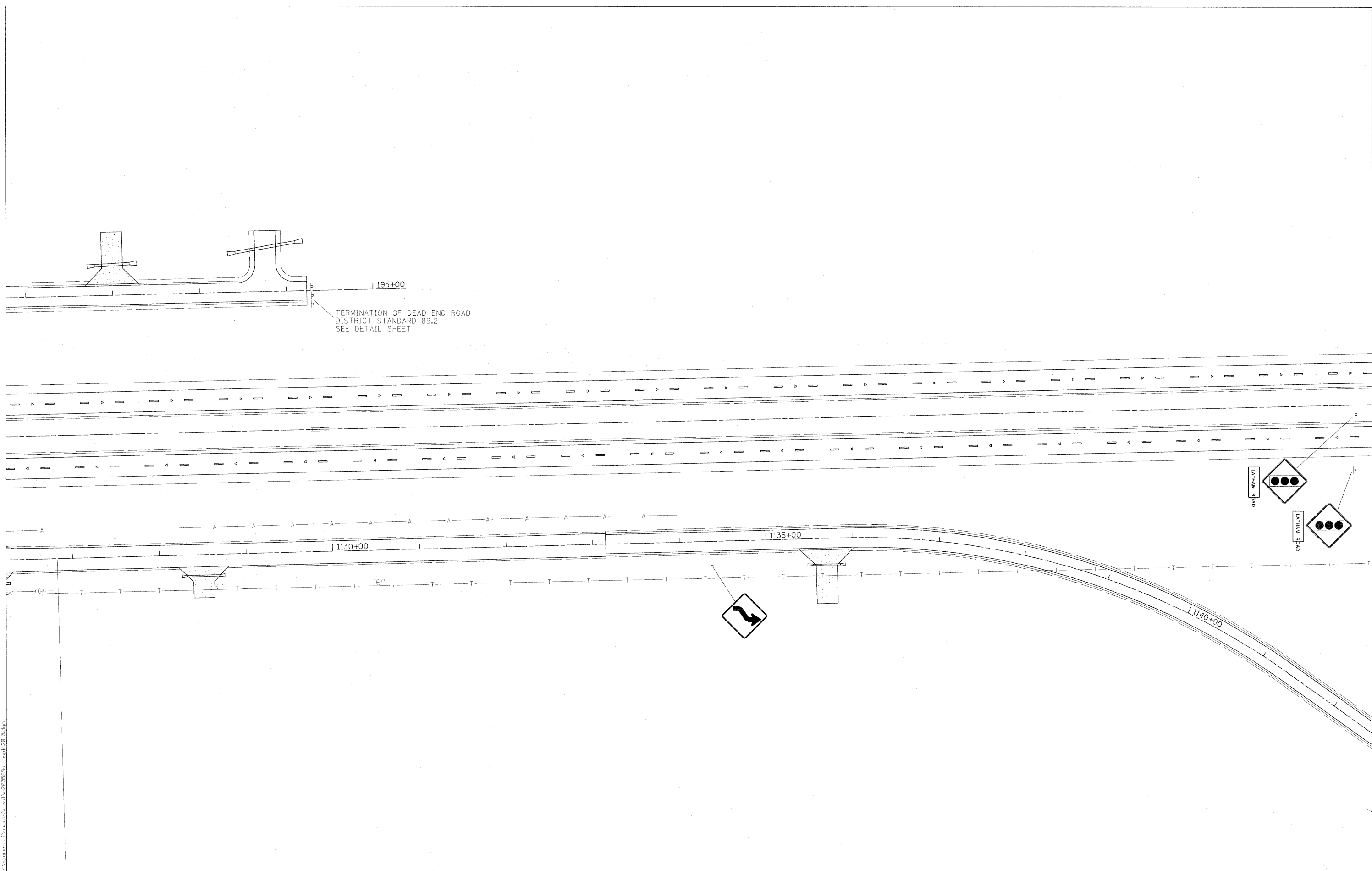
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PLOT DATE = 2/2/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL ROUTE 2 SIGN LOCATIONS

SCALE: SHEET NO. 263 OF 530 SHEETS STA. TO STA.

F.A.P. RTE. 734	SECTION 77-2-2 & 77-2B-1	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 263
CONTRACT NO. 64813				
[ILLINOIS] FED. AID PROJECT				



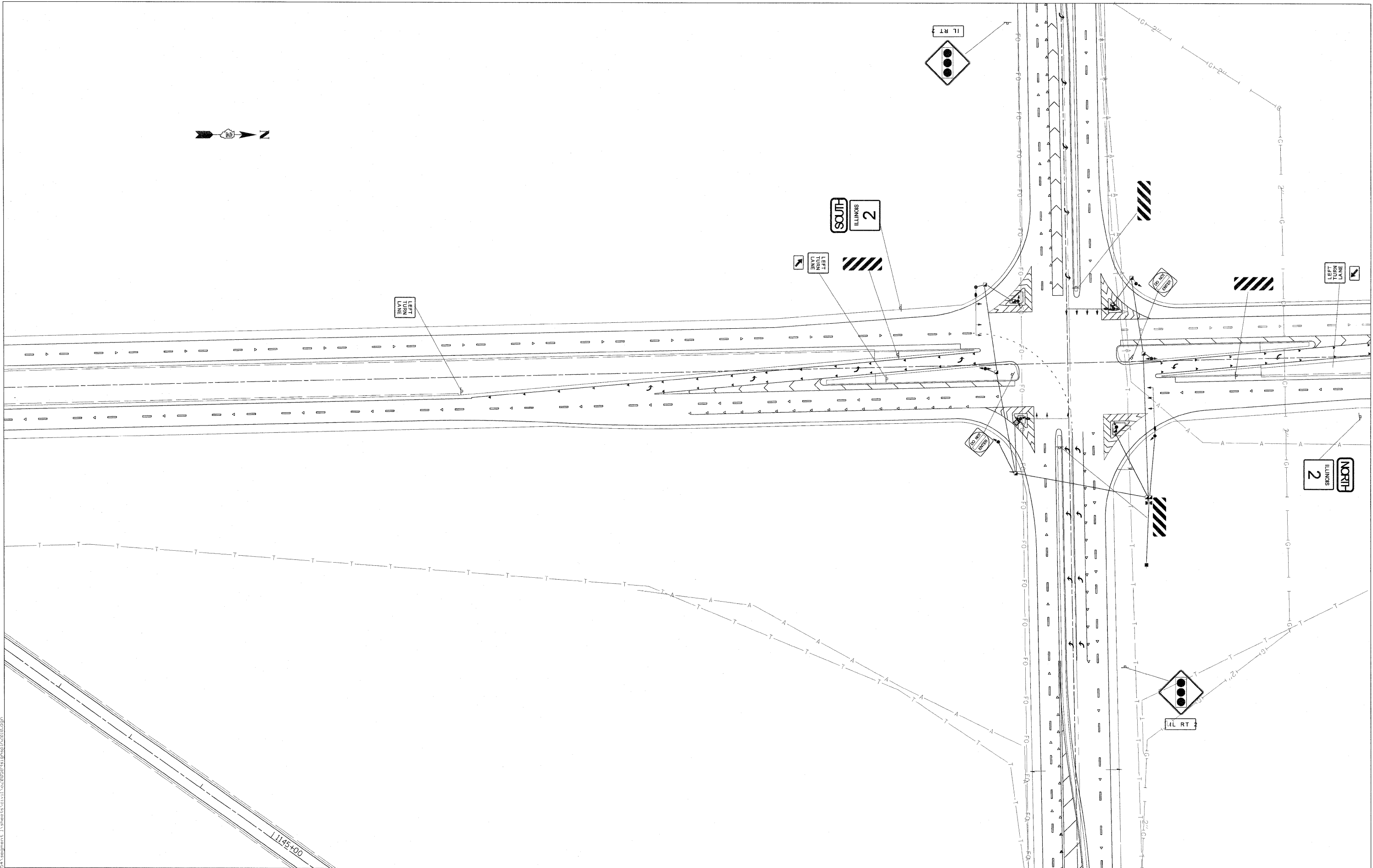
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PLOT DATE = 2/2/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL ROUTE 2 SIGN LOCATIONS		
SCALE:	SHEET NO. 265 OF 530 SHEETS	STA. TO STA.

F.A.P. RTE. 734	SECTION 77-2-2 & 77-2B-1	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 265
CONTRACT NO. 64813				ILLINOIS FED. AID PROJECT



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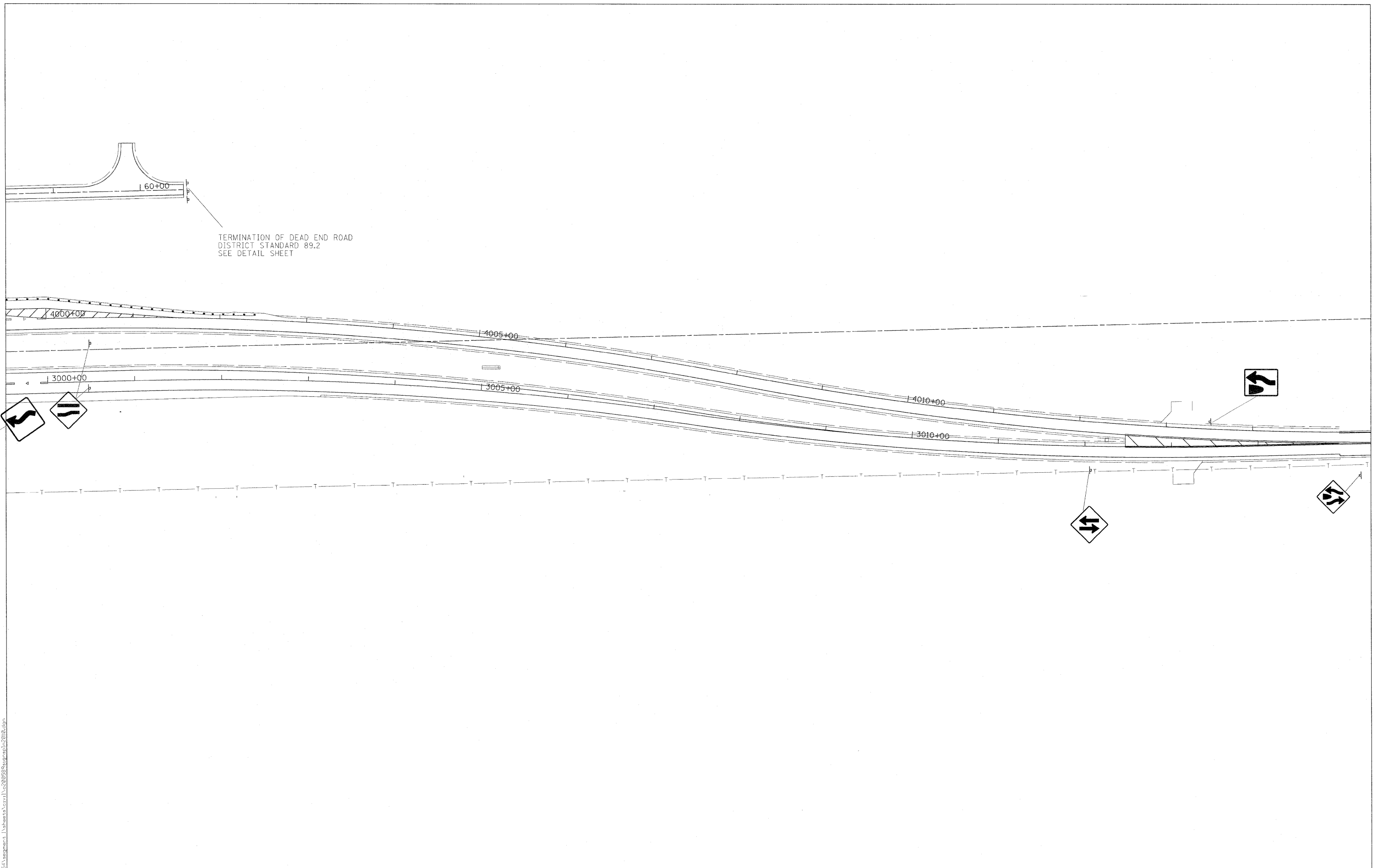
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PLOT DATE = 2/2/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL ROUTE 2 SIGN LOCATIONS

SCALE: SHEET NO. 266 OF 530 SHEETS STA. TO STA.

F.A.P. RTE. 734	SECTION 77-2-2 & 77-2B-1	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 266
CONTRACT NO. 64813				
ILLINOIS FED. AID PROJECT				



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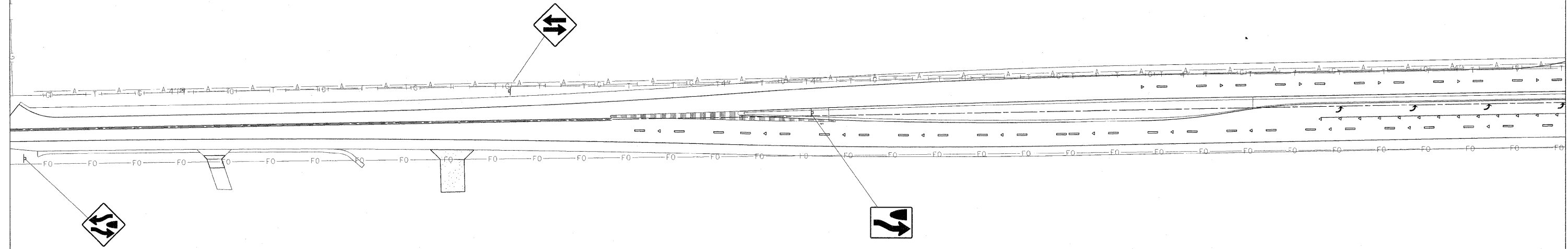
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PLOT DATE = 2/2/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL ROUTE 2 SIGN LOCATIONS	
SCALE:	SHEET NO. 268 OF 530 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	77-2-2 & 77-2B-1	WINNEBAGO	530	268
CONTRACT NO. 64813				
ILLINOIS FED. AID PROJECT				

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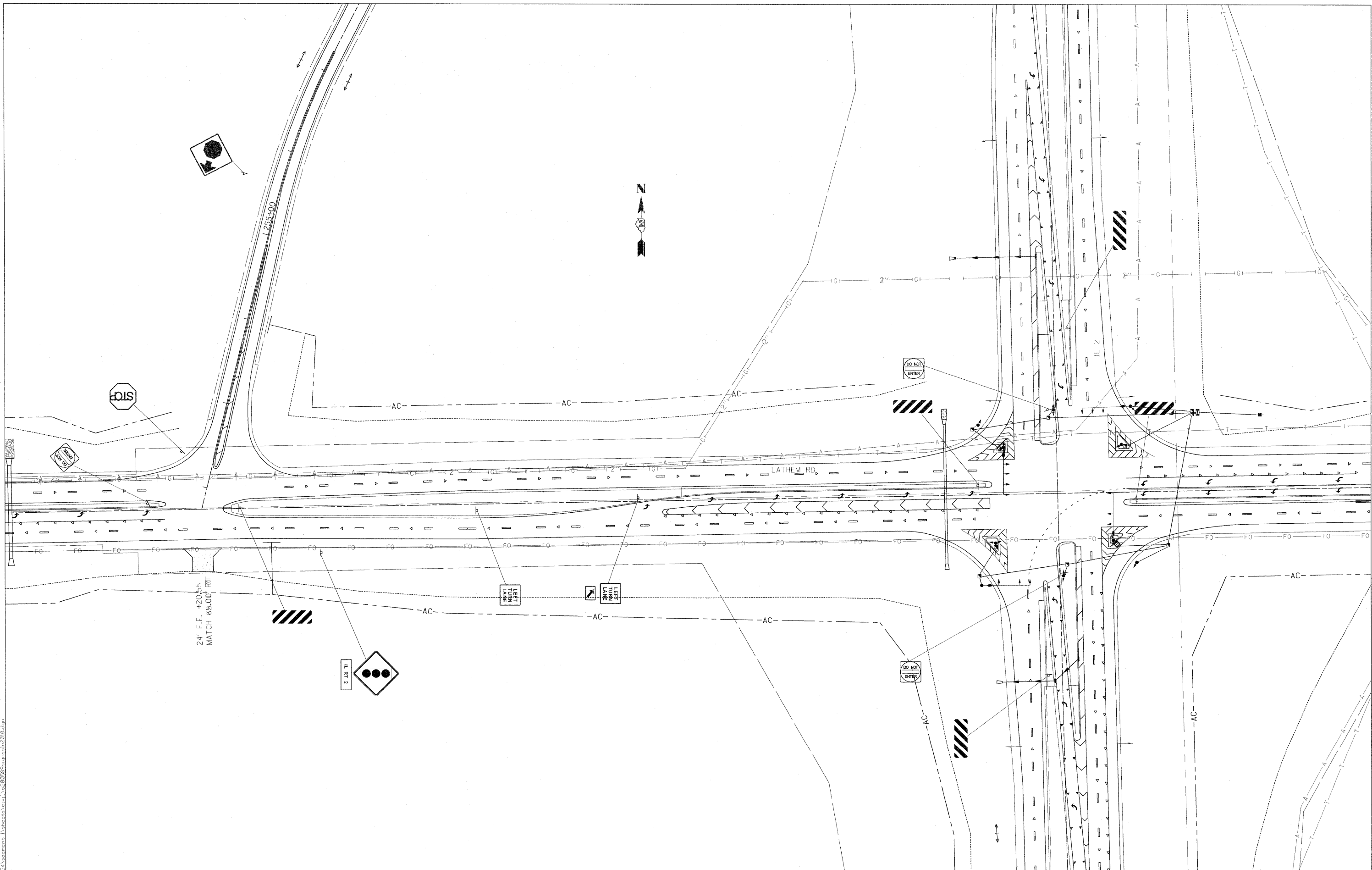
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PLOT DATE = 2/2/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LATHAM ROAD SIGN LOCATIONS

SCALE: SHEET NO. 269 OF 530 SHEETS STA. TO STA.

F.A.P. RTE. 734	SECTION 77-2-2 & 77-2B-1	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 269
CONTRACT NO. 64813				
ILLINOIS FED. AID PROJECT				



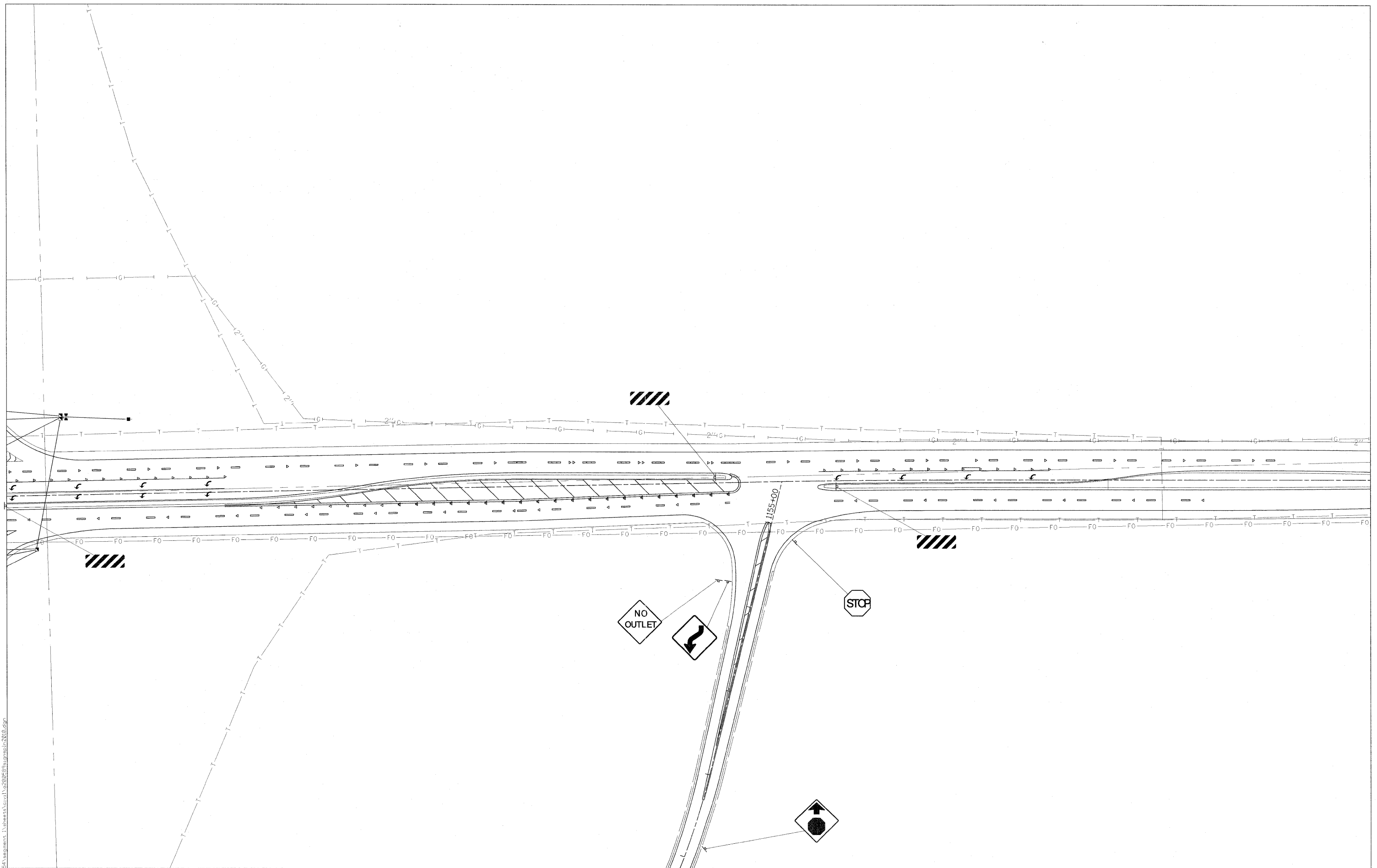
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PLLOT DATE = 2/2/2011	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LATHAM ROAD SIGN LOCATIONS
 SCALE: SHEET NO. 270 OF 530 SHEETS STA. TO STA.

F.A.P. RTE. 734	SECTION 77-2-2 & 77-2B-1	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 270
CONTRACT NO. 64813				
ILLINOIS FED. AID PROJECT				



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	DRAWN -	REVISED -
PLOT SCALE = 50.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 2/2/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LATHAM ROAD SIGN LOCATIONS

SCALE: SHEET NO. 271 OF 530 SHEETS STA. TO STA.

F.A.P. RTE. 734	SECTION 77-2-2 & 77-2B-1	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 271
CONTRACT NO. 64813				
ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

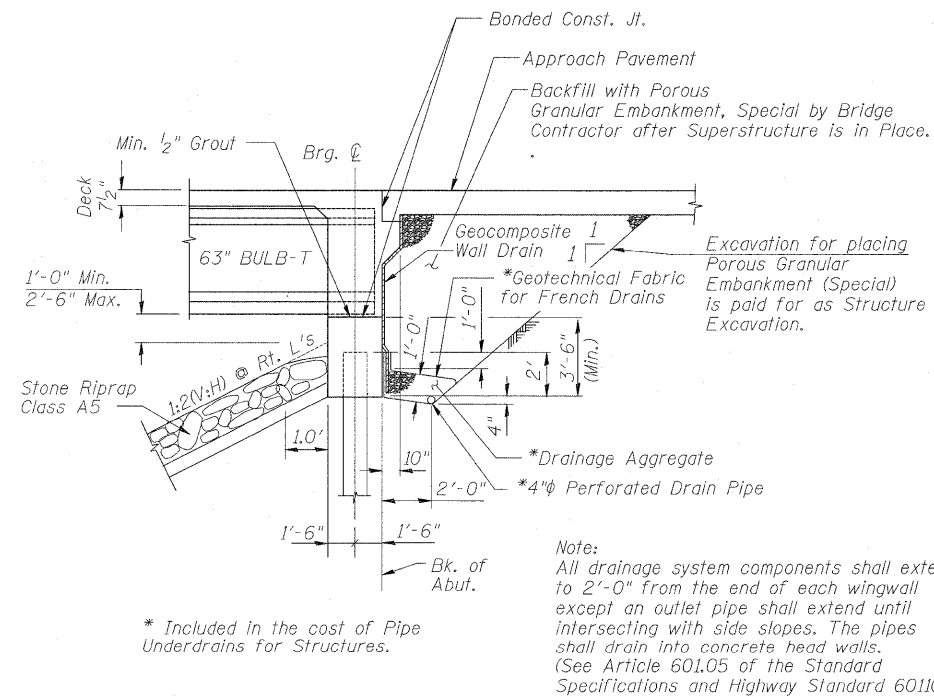
1. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.
2. Layout of slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.
3. The embankment configuration shown shall be the minimum embankment that must be constructed prior to construction of the abutments.
4. Concrete piles at abutments shall be driven in holes precored through the embankment according to Article 512.09(c) of the Standard Specifications (Cost included in Driving Piles).
5. The contractor shall drive 1-12"φ Metal Shell Pile test pile in a permanent location at both the north and south abutments as directed by the Engineer before ordering the remainder of the piles.
6. All construction joints shall be bonded.
7. The Contractor shall obtain a construction permit from the Illinois Department of Natural Resources (IDNR), Office of Water Resources for any temporary construction activity placed in the water except cofferdams. This shall include the placement of material for run-arounds, causeways, etc. Any permit application by the Contractor shall refer to the IDNR 3704 Floodway Construction permit number allowing permanent construction as shown in the contract plans.
8. Slip forming of parapets is not allowed.

TOTAL BILL OF MATERIAL

DESCRIPTION	UNIT	SUB-STRUCTURE	SUPER STRUCTURE	TOTAL QUANTITIES
Porous Granular Embankment, Special	CU YD	500		500
Stone Riprap, Class A5	SQ YD	2075		2075
Filter Fabric	SQ YD	2075		2075
Structure Excavation	CU YD	632		632
Concrete Structures	CU YD	80.0		80.0
Concrete Superstructure	CU YD		401.4	401.4
Bridge Deck Grooving	SQ YD		954	954
Protective Coat	SQ YD		1194	1194
Furnishing and Erecting Precast Prestressed Concrete Bulb-T Beams, 63"	FOOT		1559	1559
Reinforcement Bars, Epoxy Coated	POUND	11380	66520	77900
Furnishing Metal Shell Piles, 12" x 0.250"	FOOT	2046		2046
Driving Piles	FOOT	2046		2046
Test Pile Metal Shells	EACH	4		4
Name Plates	EACH		2	2
Bar Splicers	EACH		156	156
Pipe Underdrains for Structures 4"	FOOT	261		261
Geocomposite Wall Drain	SQ YD	244		244

INDEX OF SHEETS

- 1 General Plan
- 2 General Notes, B.O.M., & Index of Sheets
- 3 Deck Elevation Plan Northbound
- 4 Deck Elevations Northbound
- 5 Deck Elevations Northbound
- 6 Deck Elevation Plan Southbound
- 7 Deck Elevations Southbound
- 8 Deck Elevations Southbound
- 9 Top of Approach Slab Elevations Northbound
- 10 Top of Approach Slab Elevations Southbound
- 11 Deck Plan - Northbound
- 12 Deck Plan - Southbound
- 13 Deck Cross Section Northbound
- 14 Deck Cross Section Southbound
- 15 NB Superstructure Details & B.O.M.
- 16 SB Superstructure Details & B.O.M.
- 17 Framing Plan NB & Moment Table
- 18 Beam Elevation & Details
- 19 Framing Plan SB & Moment Table
- 20 South Abutment Northbound
- 21 Abutment Details
- 22 North Abutment Northbound
- 23 South Abutment Southbound
- 24 North Abutment Southbound
- 25 Pile Details
- 26 Bar Splicer Assembly
- 27 Slope Protection Northbound
- 28 Slope Protection Southbound
- 29 Boring Logs
- 30 Boring Logs



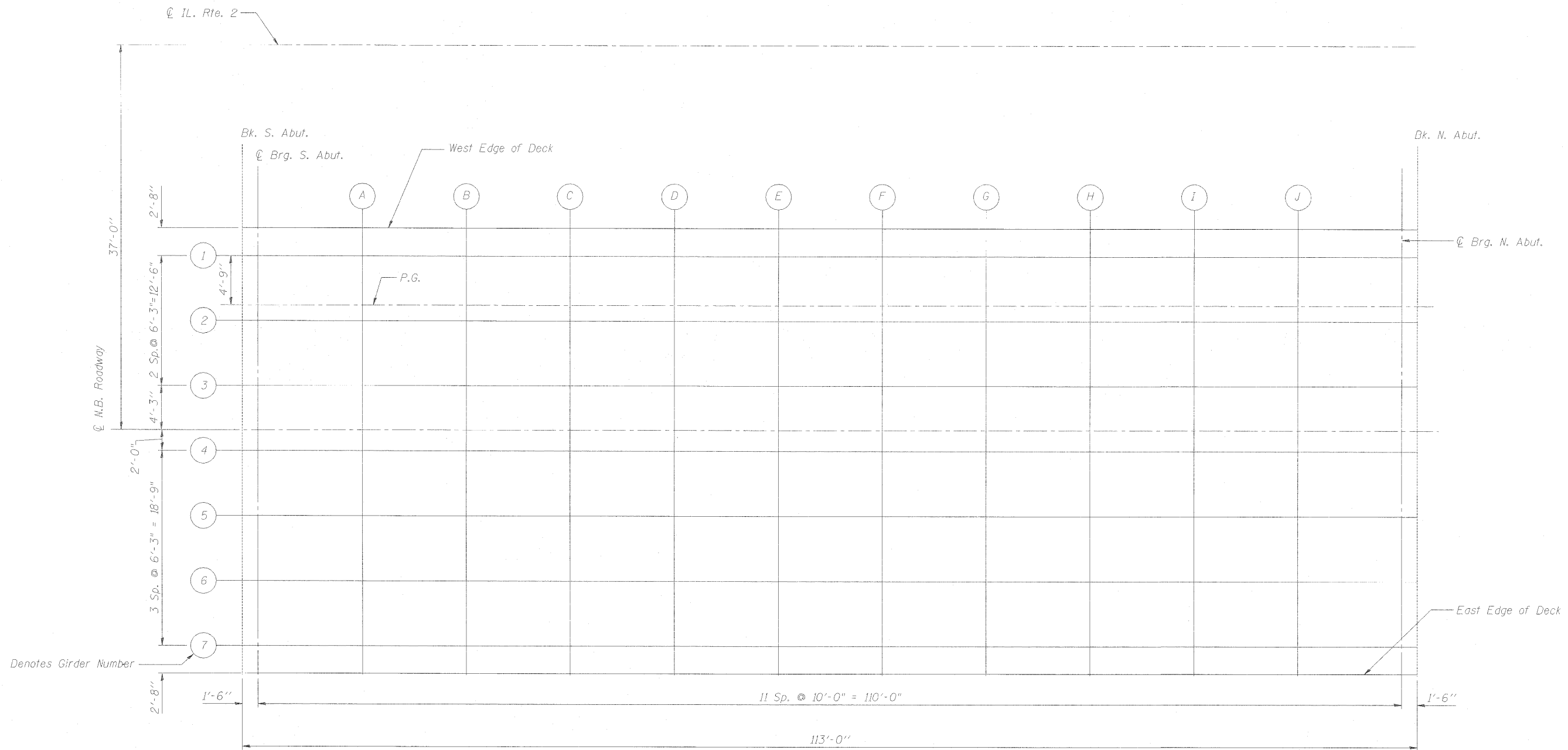
SECTION THRU INTEGRAL ABUTMENT

**GENERAL NOTES, B.O.M., & INDEX OF SHEETS
STRUCTURE NO. 101-0177 & 101-0178**

DESIGNED -	BTO
CHECKED -	JAN
DRAWN -	BTO
CHECKED -	JAN

SHEET NO. 2	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
30 SHEETS	734	77-2B-1, 77-2-2	WINNEBAGO	530	274
			CONTRACT NO. 64813		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



PLAN - NORTHBOUND

Note:
See Sheet 4 thru 5 of 30 for Deck Elevations.

DECK ELEVATION PLAN NORTHBOUND
STRUCTURE NO. 101-0178

DESIGNED - BTO
CHECKED - JAW
DRAWN - BTO
CHECKED - JAN

SHEET NO. 3 30 SHEETS	F.A.P. RTE. 734	SECTION 77-2B-1, 77-2-2	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 275
	CONTRACT NO. 64813				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Left Edge

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	742+46.71	-19.417	725.070	725.070
CL S. Brg.	742+48.21	-19.417	725.044	725.044
A	742+58.21	-19.417	724.869	724.893
B	742+68.21	-19.417	724.694	724.743
C	742+78.21	-19.417	724.519	724.589
D	742+88.21	-19.417	724.344	724.423
E	742+98.21	-19.417	724.169	724.258
F	743+8.21	-19.417	723.994	724.083
G	743+18.21	-19.417	723.819	723.898
H	743+28.21	-19.417	723.644	723.714
I	743+38.21	-19.417	723.469	723.518
J	743+48.21	-19.417	723.294	723.319
CL N. Brg.	743+58.21	-19.417	723.123	723.123
Bk. N. Abut.	743+59.71	-19.417	723.098	723.098

Girder 1

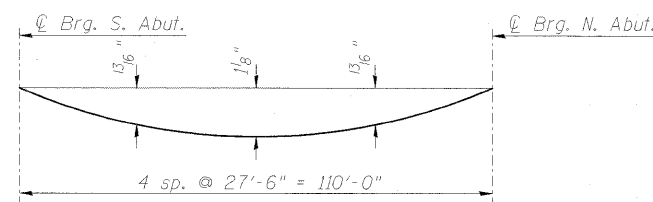
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	742+46.71	-16.750	724.971	724.971
CL S. Brg.	742+48.21	-16.750	724.945	724.945
A	742+58.21	-16.750	724.770	724.795
B	742+68.21	-16.750	724.595	724.644
C	742+78.21	-16.750	724.420	724.490
D	742+88.21	-16.750	724.245	724.324
E	742+98.21	-16.750	724.070	724.159
F	743+8.21	-16.750	723.895	723.984
G	743+18.21	-16.750	723.720	723.799
H	743+28.21	-16.750	723.545	723.615
I	743+38.21	-16.750	723.370	723.419
J	743+48.21	-16.750	723.195	723.220
CL N. Brg.	743+58.21	-16.750	723.024	723.024
Bk. N. Abut.	743+59.71	-16.750	722.999	722.999

PG

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	742+46.71	-12.000	725.070	725.070
CL S. Brg.	742+48.21	-12.000	725.044	725.044
A	742+58.21	-12.000	724.869	724.893
B	742+68.21	-12.000	724.694	724.743
C	742+78.21	-12.000	724.519	724.589
D	742+88.21	-12.000	724.344	724.423
E	742+98.21	-12.000	724.169	724.258
F	743+8.21	-12.000	723.994	724.083
G	743+18.21	-12.000	723.819	723.898
H	743+28.21	-12.000	723.644	723.714
I	743+38.21	-12.000	723.469	723.518
J	743+48.21	-12.000	723.294	723.319
CL N. Brg.	743+58.21	-12.000	723.123	723.123
Bk. N. Abut.	743+59.71	-12.000	723.098	723.098

Girder 2

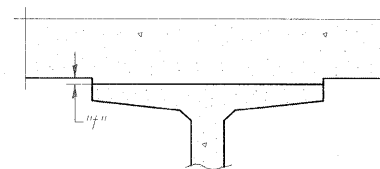
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	742+46.71	-10.500	725.094	725.094
CL S. Brg.	742+48.21	-10.500	725.067	725.067
A	742+58.21	-10.500	724.892	724.917
B	742+68.21	-10.500	724.717	724.766
C	742+78.21	-10.500	724.542	724.612
D	742+88.21	-10.500	724.367	724.447
E	742+98.21	-10.500	724.192	724.281
F	743+8.21	-10.500	724.017	724.106
G	743+18.21	-10.500	723.842	723.922
H	743+28.21	-10.500	723.667	723.737
I	743+38.21	-10.500	723.492	723.541
J	743+48.21	-10.500	723.318	723.342
CL N. Brg.	743+58.21	-10.500	723.147	723.147
Bk. N. Abut.	743+59.71	-10.500	723.122	723.122



DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete, excluding beams)

Note: The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown above.



To determine "t": After all precast prestressed beams have been erected, elevations of the top flanges of the beams shall be taken at intervals shown above. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown above, minus slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS

Note:
See Sheet 3 of 30 for Deck Elevation Plan.

DESIGNED - BTO
CHECKED - JAW
DRAWN - BTO
CHECKED - JAW

DECK ELEVATIONS NORTHBOUND
STRUCTURE NO. 101-0178

SHEET NO. 4 30 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	734	77-2B-1, 77-2-2	WINNEBAGO	530	276
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT		
CONTRACT NO. 64813					

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Girder 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	742+46.71	-4.250	725.191	725.191
CL S. Brg.	742+48.21	4.250	725.165	725.165
A	742+58.21	-4.250	724.990	725.015
B	742+68.21	-4.250	724.815	724.864
C	742+78.21	-4.250	724.640	724.710
D	742+88.21	-4.250	724.465	724.544
E	742+98.21	-4.250	724.290	724.379
F	743+8.21	-4.250	724.115	724.204
G	743+18.21	-4.250	723.940	724.019
H	743+28.21	-4.250	723.765	723.835
I	743+38.21	-4.250	723.590	723.639
J	743+48.21	-4.250	723.415	723.440
CL N. Brg.	743+58.21	-4.250	723.244	723.244
Bk. N. Abut.	743+59.71	-4.250	723.219	723.219

CL

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	742+46.71	0.000	725.258	725.258
CL S. Brg.	742+48.21	0.000	725.231	725.231
A	742+58.21	0.000	725.056	725.081
B	742+68.21	0.000	724.881	724.931
C	742+78.21	0.000	724.706	724.776
D	742+88.21	0.000	724.531	724.611
E	742+98.21	0.000	724.356	724.445
F	743+8.21	0.000	724.181	724.270
G	743+18.21	0.000	724.006	724.086
H	743+28.21	0.000	723.831	723.901
I	743+38.21	0.000	723.656	723.706
J	743+48.21	0.000	723.482	723.506
CL N. Brg.	743+58.21	0.000	723.311	723.311
Bk. N. Abut.	743+59.71	0.000	723.286	723.286

Girder 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	742+46.71	2.000	725.226	725.226
CL S. Brg.	742+48.21	2.000	725.200	725.200
A	742+58.21	2.000	725.025	725.050
B	742+68.21	2.000	724.850	724.899
C	742+78.21	2.000	724.675	724.745
D	742+88.21	2.000	724.500	724.580
E	742+98.21	2.000	724.325	724.414
F	743+8.21	2.000	724.150	724.239
G	743+18.21	2.000	723.975	724.055
H	743+28.21	2.000	723.800	723.870
I	743+38.21	2.000	723.625	723.674
J	743+48.21	2.000	723.450	723.475
CL N. Brg.	743+58.21	2.000	723.280	723.280
Bk. N. Abut.	743+59.71	2.000	723.254	723.254

Girder 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	742+46.71	8.250	725.129	725.129
CL S. Brg.	742+48.21	8.250	725.102	725.102
A	742+58.21	8.250	724.927	724.952
B	742+68.21	8.250	724.752	724.802
C	742+78.21	8.250	724.577	724.647
D	742+88.21	8.250	724.402	724.482
E	742+98.21	8.250	724.227	724.316
F	743+8.21	8.250	724.052	724.141
G	743+18.21	8.250	723.877	723.957
H	743+28.21	8.250	723.702	723.772
I	743+38.21	8.250	723.527	723.577
J	743+48.21	8.250	723.353	723.377
CL N. Brg.	743+58.21	8.250	723.182	723.182
Bk. N. Abut.	743+59.71	8.250	723.157	723.157

Girder 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	742+46.71	14.500	725.018	725.018
CL S. Brg.	742+48.21	14.500	724.992	724.992
A	742+58.21	14.500	724.817	724.841
B	742+68.21	14.500	724.642	724.691
C	742+78.21	14.500	724.467	724.537
D	742+88.21	14.500	724.292	724.371
E	742+98.21	14.500	724.117	724.206
F	743+8.21	14.500	723.942	724.031
G	743+18.21	14.500	723.767	723.846
H	743+28.21	14.500	723.592	723.662
I	743+38.21	14.500	723.417	723.466
J	743+48.21	14.500	723.242	723.267
CL N. Brg.	743+58.21	14.500	723.071	723.071
Bk. N. Abut.	743+59.71	14.500	723.046	723.046

Girder 7

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	742+46.71	20.750	724.888	724.888
CL S. Brg.	742+48.21	20.750	724.862	724.862
A	742+58.21	20.750	724.687	724.711
B	742+68.21	20.750	724.512	724.561
C	742+78.21	20.750	724.337	724.407
D	742+88.21	20.750	724.162	724.241
E	742+98.21	20.750	723.987	724.076
F	743+8.21	20.750	723.812	723.901
G	743+18.21	20.750	723.637	723.716
H	743+28.21	20.750	723.462	723.532
I	743+38.21	20.750	723.287	723.336
J	743+48.21	20.750	723.112	723.136
CL N. Brg.	743+58.21	20.750	722.941	722.941
Bk. N. Abut.	743+59.71	20.750	722.916	722.916

Right Edge

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	742+46.71	23.417	724.987	724.987
CL S. Brg.	742+48.21	23.417	724.961	724.961
A	742+58.21	23.417	724.786	724.810
B	742+68.21	23.417	724.611	724.660
C	742+78.21	23.417	724.436	724.506
D	742+88.21	23.417	724.261	724.340
E	742+98.21	23.417	724.086	724.175
F	743+8.21	23.417	723.911	724.000
G	743+18.21	23.417	723.736	723.815
H	743+28.21	23.417	723.561	723.631
I	743+38.21	23.417	723.386	723.435
J	743+48.21	23.417	723.211	723.235
CL N. Brg.	743+58.21	23.417	723.040	723.040
Bk. N. Abut.	743+59.71	23.417	723.015	723.015

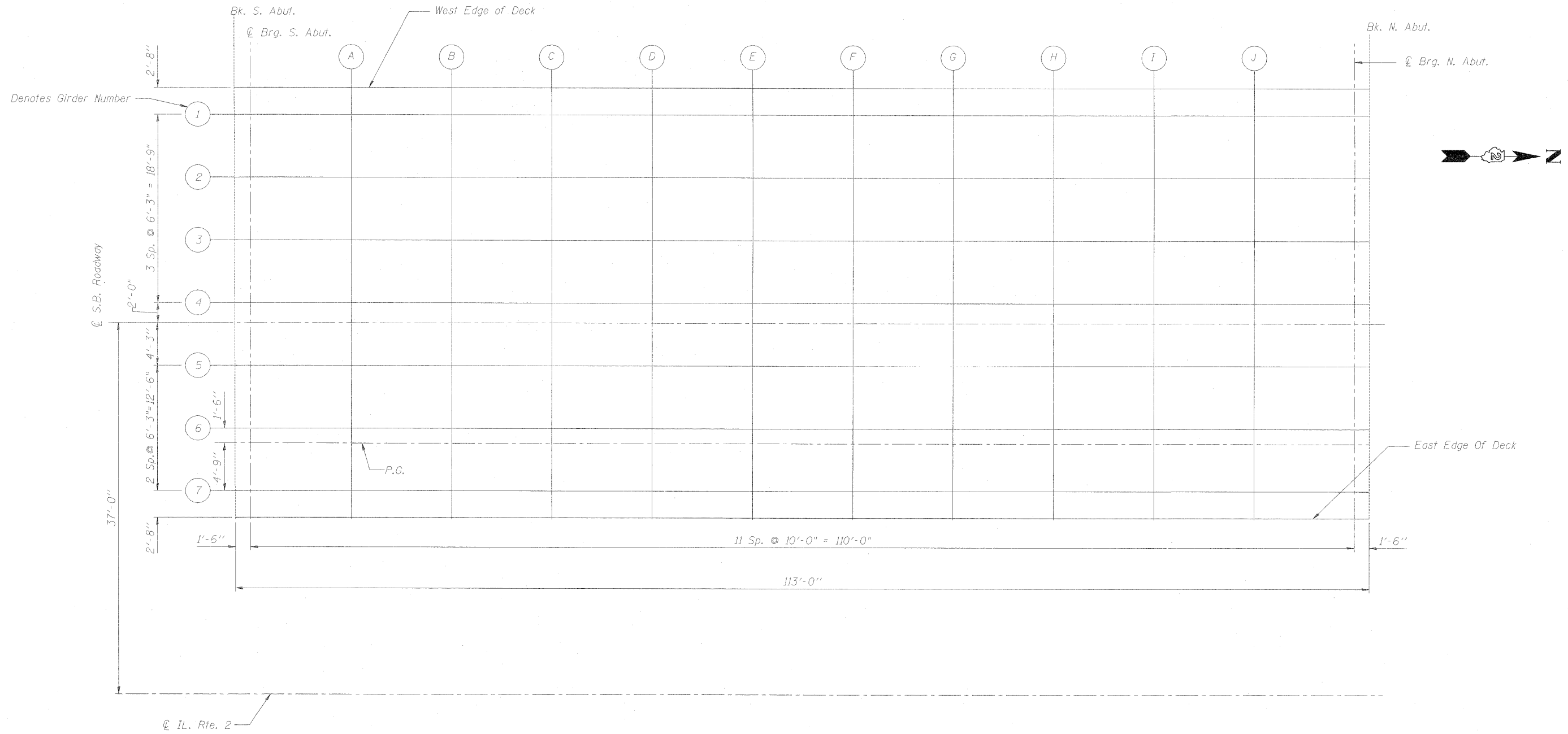
Note:
See Sheet 3 of 30 for Deck Elevation Plan.

DESIGNED - BTD
CHECKED - JAW
DRAWN - BTD
CHECKED - JAW

DECK ELEVATIONS NORTHBOUND
STRUCTURE NO. 101-0178

SHEET NO. 5 30 SHEETS	F.A.P. RTE. 734	SECTION 77-2B-1, 77-2-2	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 277
	CONTRACT NO. 64813			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



PLAN - SOUTHBOUND

Note:
See Sheet 7 thru 8 of 30 for Deck Elevations.

DECK ELEVATION PLAN SOUTHBOUND
STRUCTURE NO. 101-0177

DESIGNED -	BTD
CHECKED -	JAW
DRAWN -	BTD
CHECKED -	JAW

SHEET NO. 6 30 SHEETS	F.A.P. RTE. 734	SECTION 77-2B-1, 77-2-2	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 278
	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64813	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Left Edge

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	742+46.71	-23.417	724.987	724.987
CL S. Brg.	742+48.21	-23.417	724.961	724.961
A	742+58.21	-23.417	724.786	724.810
B	742+68.21	-23.417	724.611	724.660
C	742+78.21	-23.417	724.436	724.506
D	742+88.21	-23.417	724.261	724.340
E	742+98.21	-23.417	724.086	724.175
F	743+8.21	-23.417	723.911	724.000
G	743+18.21	-23.417	723.736	723.815
H	743+28.21	-23.417	723.561	723.631
I	743+38.21	-23.417	723.386	723.435
J	743+48.21	-23.417	723.211	723.235
CL N. Brg.	743+58.21	-23.417	723.040	723.040
Bk. N. Abut.	743+59.71	-23.417	723.015	723.015

Girder 1

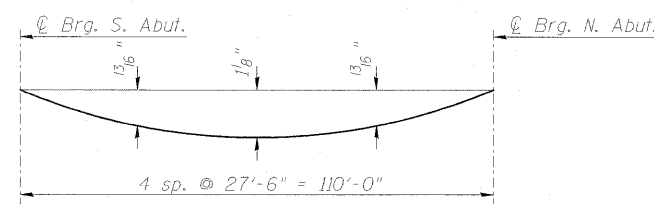
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	742+46.71	-20.750	724.888	724.888
CL S. Brg.	742+48.21	-20.750	724.862	724.862
A	742+58.21	-20.750	724.687	724.711
B	742+68.21	-20.750	724.512	724.561
C	742+78.21	-20.750	724.337	724.407
D	742+88.21	-20.750	724.162	724.241
E	742+98.21	-20.750	723.987	724.076
F	743+8.21	-20.750	723.812	723.901
G	743+18.21	-20.750	723.637	723.716
H	743+28.21	-20.750	723.462	723.532
I	743+38.21	-20.750	723.287	723.336
J	743+48.21	-20.750	723.112	723.136
CL N. Brg.	743+58.21	-20.750	722.941	722.941
Bk. N. Abut.	743+59.71	-20.750	722.916	722.916

Girder 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	742+46.71	-14.500	725.018	725.018
CL S. Brg.	742+48.21	-14.500	724.992	724.992
A	742+58.21	-14.500	724.817	724.841
B	742+68.21	-14.500	724.642	724.691
C	742+78.21	-14.500	724.467	724.537
D	742+88.21	-14.500	724.292	724.371
E	742+98.21	-14.500	724.117	724.206
F	743+8.21	-14.500	723.942	724.031
G	743+18.21	-14.500	723.767	723.846
H	743+28.21	-14.500	723.592	723.662
I	743+38.21	-14.500	723.417	723.466
J	743+48.21	-14.500	723.242	723.267
CL N. Brg.	743+58.21	-14.500	723.071	723.071
Bk. N. Abut.	743+59.71	-14.500	723.046	723.046

Girder 3

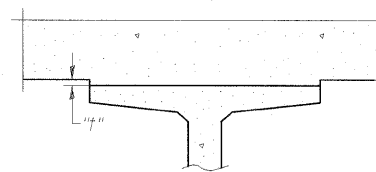
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	742+46.71	-8.250	725.129	725.129
CL S. Brg.	742+48.21	-8.250	725.102	725.102
A	742+58.21	-8.250	724.927	724.952
B	742+68.21	-8.250	724.752	724.802
C	742+78.21	-8.250	724.577	724.647
D	742+88.21	-8.250	724.402	724.482
E	742+98.21	-8.250	724.227	724.316
F	743+8.21	-8.250	724.052	724.141
G	743+18.21	-8.250	723.877	723.957
H	743+28.21	-8.250	723.702	723.772
I	743+38.21	-8.250	723.527	723.577
J	743+48.21	-8.250	723.353	723.377
CL N. Brg.	743+58.21	-8.250	723.182	723.182
Bk. N. Abut.	743+59.71	-8.250	723.157	723.157



DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete, excluding beams)

Note: The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown above.



To determine "t": After all precast prestressed beams have been erected, elevations of the top flanges of the beams shall be taken at intervals shown below. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown above, minus slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS

Note:
See Sheet 6 of 30 for Deck Plan.

DESIGNED -	BTD
CHECKED -	JAW
DRAWN -	BTD
CHECKED -	JAW

DECK ELEVATIONS SOUTHBOUND
STRUCTURE NO. 101-0177

SHEET NO. 7 30 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	734	77-2B-1, 77-2-2	WINNEBAGO	530	279
FED. ROAD DIST. NO.			ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 64813					

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Girder 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	742+46.71	-2.000	725.226	725.226
CL S. Brg.	742+48.21	-2.000	725.200	725.200
A	742+58.21	-2.000	725.025	725.050
B	742+68.21	-2.000	724.850	724.899
C	742+78.21	-2.000	724.675	724.745
D	742+88.21	-2.000	724.500	724.580
E	742+98.21	-2.000	724.325	724.414
F	743+8.21	-2.000	724.150	724.239
G	743+18.21	-2.000	723.975	724.055
H	743+28.21	-2.000	723.800	723.870
I	743+38.21	-2.000	723.625	723.674
J	743+48.21	-2.000	723.450	723.475
CL N. Brg.	743+58.21	-2.000	723.280	723.280
Bk. N. Abut.	743+59.71	-2.000	723.254	723.254

CL

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	742+46.71	0.000	725.258	725.258
CL S. Brg.	742+48.21	0.000	725.231	725.231
A	742+58.21	0.000	725.056	725.081
B	742+68.21	0.000	724.881	724.931
C	742+78.21	0.000	724.706	724.776
D	742+88.21	0.000	724.531	724.611
E	742+98.21	0.000	724.356	724.445
F	743+8.21	0.000	724.181	724.270
G	743+18.21	0.000	724.006	724.086
H	743+28.21	0.000	723.831	723.901
I	743+38.21	0.000	723.656	723.706
J	743+48.21	0.000	723.482	723.506
CL N. Brg.	743+58.21	0.000	723.311	723.311
Bk. N. Abut.	743+59.71	0.000	723.286	723.286

Girder 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	742+46.71	4.250	725.191	725.191
CL S. Brg.	742+48.21	4.250	725.165	725.165
A	742+58.21	4.250	724.990	725.015
B	742+68.21	4.250	724.815	724.864
C	742+78.21	4.250	724.640	724.710
D	742+88.21	4.250	724.465	724.544
E	742+98.21	4.250	724.290	724.379
F	743+8.21	4.250	724.115	724.204
G	743+18.21	4.250	723.940	724.019
H	743+28.21	4.250	723.765	723.835
I	743+38.21	4.250	723.590	723.639
J	743+48.21	4.250	723.415	723.440
CL N. Brg.	743+58.21	4.250	723.244	723.244
Bk. N. Abut.	743+59.71	4.250	723.219	723.219

Girder 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	742+46.71	10.500	725.094	725.094
CL S. Brg.	742+48.21	10.500	725.067	725.067
A	742+58.21	10.500	724.892	724.917
B	742+68.21	10.500	724.717	724.766
C	742+78.21	10.500	724.542	724.612
D	742+88.21	10.500	724.367	724.447
E	742+98.21	10.500	724.192	724.281
F	743+8.21	10.500	724.017	724.106
G	743+18.21	10.500	723.842	723.922
H	743+28.21	10.500	723.667	723.737
I	743+38.21	10.500	723.492	723.541
J	743+48.21	10.500	723.318	723.342
CL N. Brg.	743+58.21	10.500	723.147	723.147
Bk. N. Abut.	743+59.71	10.500	723.122	723.122

PG

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	742+46.71	12.000	725.070	725.070
CL S. Brg.	742+48.21	12.000	725.044	725.044
A	742+58.21	12.000	724.869	724.893
B	742+68.21	12.000	724.694	724.743
C	742+78.21	12.000	724.519	724.589
D	742+88.21	12.000	724.344	724.423
E	742+98.21	12.000	724.169	724.258
F	743+8.21	12.000	723.994	724.083
G	743+18.21	12.000	723.819	723.898
H	743+28.21	12.000	723.644	723.714
I	743+38.21	12.000	723.469	723.518
J	743+48.21	12.000	723.294	723.319
CL N. Brg.	743+58.21	12.000	723.123	723.123
Bk. N. Abut.	743+59.71	12.000	723.098	723.098

Girder 7

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	742+46.71	16.750	724.971	724.971
CL S. Brg.	742+48.21	16.750	724.945	724.945
A	742+58.21	16.750	724.770	724.795
B	742+68.21	16.750	724.595	724.644
C	742+78.21	16.750	724.420	724.490
D	742+88.21	16.750	724.245	724.324
E	742+98.21	16.750	724.070	724.159
F	743+8.21	16.750	723.895	723.984
G	743+18.21	16.750	723.720	723.799
H	743+28.21	16.750	723.545	723.615
I	743+38.21	16.750	723.370	723.419
J	743+48.21	16.750	723.195	723.220
CL N. Brg.	743+58.21	16.750	723.024	723.024
Bk. N. Abut.	743+59.71	16.750	722.999	722.999

Right Edge

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	742+46.71	19.417	725.070	725.070
CL S. Brg.	742+48.21	19.417	725.044	725.044
A	742+58.21	19.417	724.869	724.893
B	742+68.21	19.417	724.694	724.743
C	742+78.21	19.417	724.519	724.589
D	742+88.21	19.417	724.344	724.423
E	742+98.21	19.417	724.169	724.258
F	743+8.21	19.417	723.994	724.083
G	743+18.21	19.417	723.819	723.898
H	743+28.21	19.417	723.644	723.714
I	743+38.21	19.417	723.469	723.518
J	743+48.21	19.417	723.294	723.319
CL N. Brg.	743+58.21	19.417	723.123	723.123
Bk. N. Abut.	743+59.71	19.417	723.098	723.098

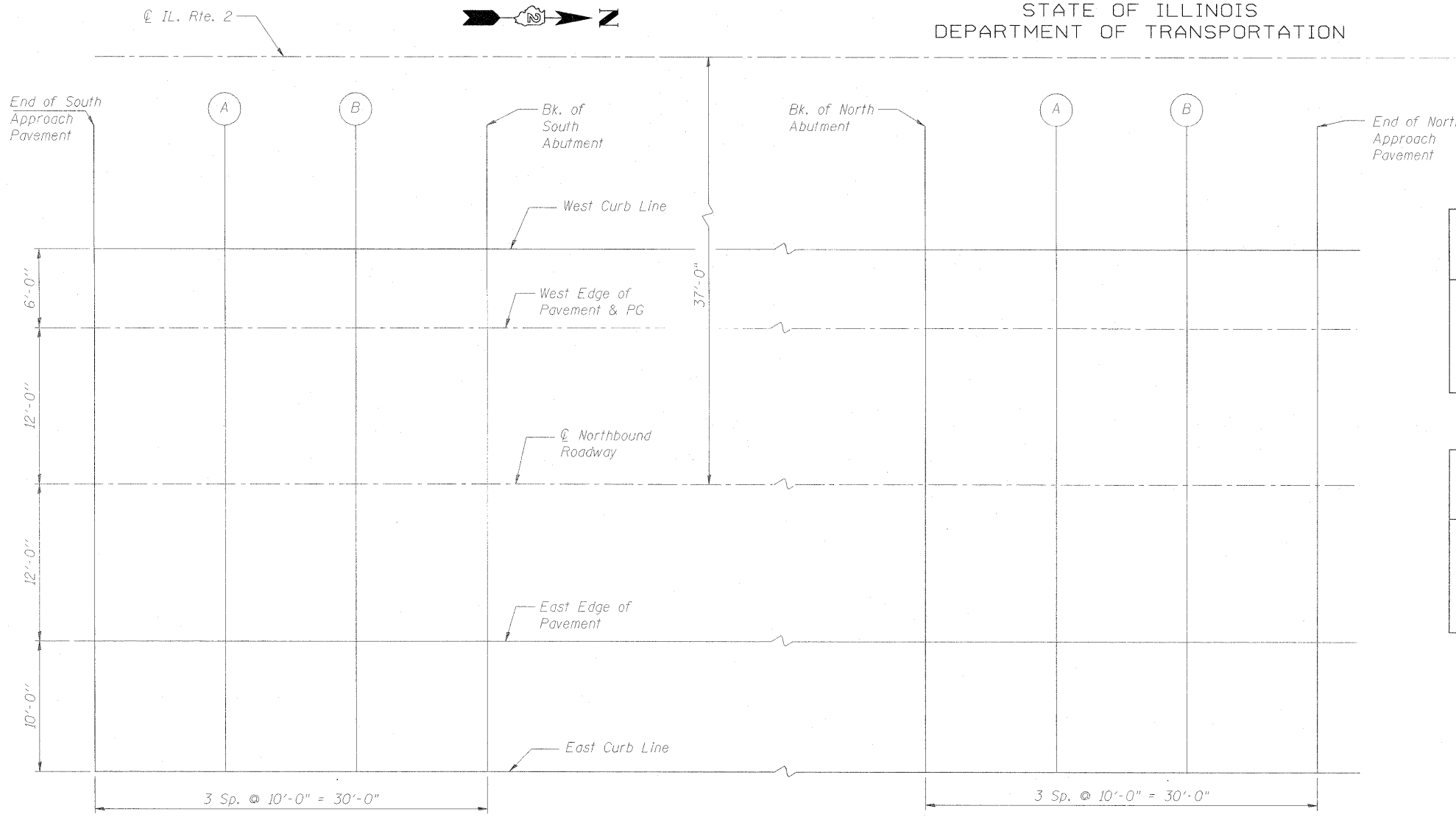
Note:
See Sheet 8 of 30 for Deck Plan.

DESIGNED - BTC
CHECKED - JAW
DRAWN - BTC
CHECKED - JAW

DECK ELEVATIONS SOUTHBOUND
STRUCTURE NO. 101-0177

SHEET NO. 8 30 SHEETS	F.A.P. RTE. 734	SECTION 77-2B-1, 77-2-2	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 280
	CONTRACT NO. 64813			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



PLAN - NORTHBOUND

WEST CURB LINE

Location	Station	Offset	Theoretical Grade Elevations
Bk. N. Abut.	743+59.71	-18.000	722.973
A	743+69.71	-18.000	722.808
B	743+79.71	-18.000	722.649
End N. Appr. Pav't.	743+89.71	-18.000	722.494

Centerline NORTHBOUND ROADWAY

Location	Station	Offset	Theoretical Grade Elevations
Bk. N. Abut.	743+59.71	0.000	723.286
A	743+69.71	0.000	722.961
B	743+79.71	0.000	722.961
End N. Appr. Pav't.	743+89.71	0.000	722.807

WEST EDGE OF PAVEMENT & PG

Location	Station	Offset	Theoretical Grade Elevations
Bk. N. Abut.	743+59.71	-12.000	723.098
A	743+69.71	-12.000	722.933
B	743+79.71	-12.000	722.774
End N. Appr. Pav't.	743+89.71	-12.000	722.619

EAST EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
Bk. N. Abut.	743+59.71	12.000	723.098
A	743+69.71	12.000	722.933
B	743+79.71	12.000	722.774
End N. Appr. Pav't.	743+89.71	12.000	722.619

EAST CURB LINE

Location	Station	Offset	Theoretical Grade Elevations
Bk. N. Abut.	743+59.71	22.000	722.890
A	743+69.71	22.000	722.725
B	743+79.71	22.000	722.565
End N. Appr. Pav't.	743+89.71	22.000	722.411

WEST CURB LINE

Location	Station	Offset	Theoretical Grade Elevations
End S. Appr. Pav't.	742+16.71	-18.000	725.470
A	742+26.71	-18.000	725.295
B	742+36.71	-18.000	724.120
Bk. S. Abut.	742+46.71	-18.000	724.945

Centerline NORTHBOUND ROADWAY

Location	Station	Offset	Theoretical Grade Elevations
End S. Appr. Pav't.	742+16.71	0.000	725.783
A	742+26.71	0.000	725.608
B	742+36.71	0.000	725.433
Bk. S. Abut.	742+46.71	0.000	725.258

NORTH APPROACH PAVEMENT ELEVATIONS

WEST EDGE OF PAVEMENT & PG

Location	Station	Offset	Theoretical Grade Elevations
End S. Appr. Pav't.	742+16.71	-12.000	725.595
A	742+26.71	-12.000	725.420
B	742+36.71	-12.000	725.245
Bk. S. Abut.	742+46.71	-12.000	725.070

EAST EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
End S. Appr. Pav't.	742+16.71	12.000	725.595
A	742+26.71	12.000	725.420
B	742+36.71	12.000	725.245
Bk. S. Abut.	742+46.71	12.000	725.070

EAST CURB LINE

Location	Station	Offset	Theoretical Grade Elevations
End S. Appr. Pav't.	742+16.71	22.000	725.387
A	742+26.71	22.000	725.212
B	742+36.71	22.000	725.037
Bk. S. Abut.	742+46.71	22.000	724.862

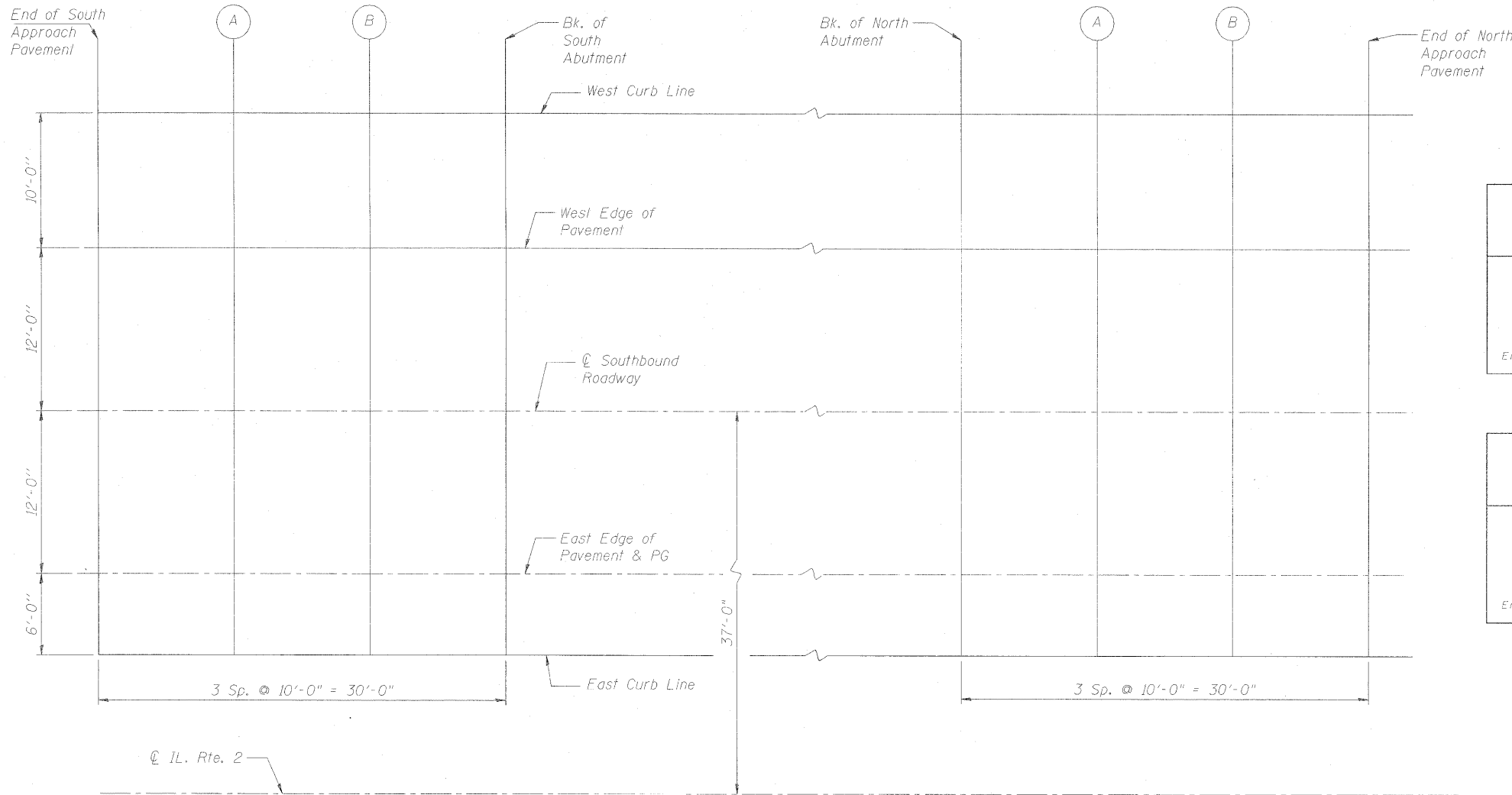
TOP OF APPROACH SLAB ELEVATIONS NORTHBOUND
STRUCTURE NO. 101-0178

SHEET NO. 9 30 SHEETS	F.A.P. RTE. 734	SECTION 77-2B-1, 77-2-2	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 281
	CONTRACT NO. 64813				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

DESIGNED - BTO
CHECKED - JAW
DRAWN - BTO
CHECKED - JAW

SOUTH APPROACH PAVEMENT ELEVATIONS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



PLAN - SOUTHBOUND

WEST CURB LINE

Location	Station	Offset	Theoretical Grade Elevations
Bk. N. Abut.	743+59.71	-22.000	722.890
A	743+69.71	-22.000	722.725
B	743+79.71	-22.000	722.565
End N. Appr. Pav't.	743+89.71	-22.000	722.411

Centerline SOUTHBOUND ROADWAY

Location	Station	Offset	Theoretical Grade Elevations
Bk. N. Abut.	743+59.71	0.000	723.286
A	743+69.71	0.000	723.121
B	743+79.71	0.000	722.961
End N. Appr. Pav't.	743+89.71	0.000	722.807

WEST EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
Bk. N. Abut.	743+59.71	-12.000	723.098
A	743+69.71	-12.000	722.933
B	743+79.71	-12.000	722.774
End N. Appr. Pav't.	743+89.71	-12.000	722.619

EAST EDGE OF PAVEMENT & PG

Location	Station	Offset	Theoretical Grade Elevations
Bk. N. Abut.	743+59.71	12.000	723.098
A	743+69.71	12.000	722.933
B	743+79.71	12.000	722.774
End N. Appr. Pav't.	743+89.71	12.000	722.619

EAST CURB LINE

Location	Station	Offset	Theoretical Grade Elevations
Bk. N. Abut.	743+59.71	18.000	722.973
A	743+69.71	18.000	722.808
B	743+79.71	18.000	722.649
End N. Appr. Pav't.	743+89.71	18.000	722.494

WEST CURB LINE

Location	Station	Offset	Theoretical Grade Elevations
End S. Appr. Pav't.	742+16.71	-22.000	725.387
A	742+26.71	-22.000	725.212
B	742+36.71	-22.000	725.037
Bk. S. Abut.	742+46.71	-22.000	724.862

Centerline SOUTHBOUND ROADWAY

Location	Station	Offset	Theoretical Grade Elevations
End S. Appr. Pav't.	742+16.71	0.000	725.783
A	742+26.71	0.000	725.608
B	742+36.71	0.000	725.433
Bk. S. Abut.	742+46.71	0.000	725.258

WEST EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
End S. Appr. Pav't.	742+16.71	-12.000	725.595
A	742+26.71	-12.000	725.420
B	742+36.71	-12.000	725.245
Bk. S. Abut.	742+46.71	-12.000	725.070

EAST EDGE OF PAVEMENT & PG

Location	Station	Offset	Theoretical Grade Elevations
End S. Appr. Pav't.	742+16.71	12.000	725.595
A	742+26.71	12.000	725.420
B	742+36.71	12.000	725.245
Bk. S. Abut.	742+46.71	12.000	725.070

EAST CURB LINE

Location	Station	Offset	Theoretical Grade Elevations
End S. Appr. Pav't.	742+16.71	18.000	725.470
A	742+26.71	18.000	725.295
B	742+36.71	18.000	724.120
Bk. S. Abut.	742+46.71	18.000	724.945

NORTH APPROACH PAVEMENT ELEVATIONS

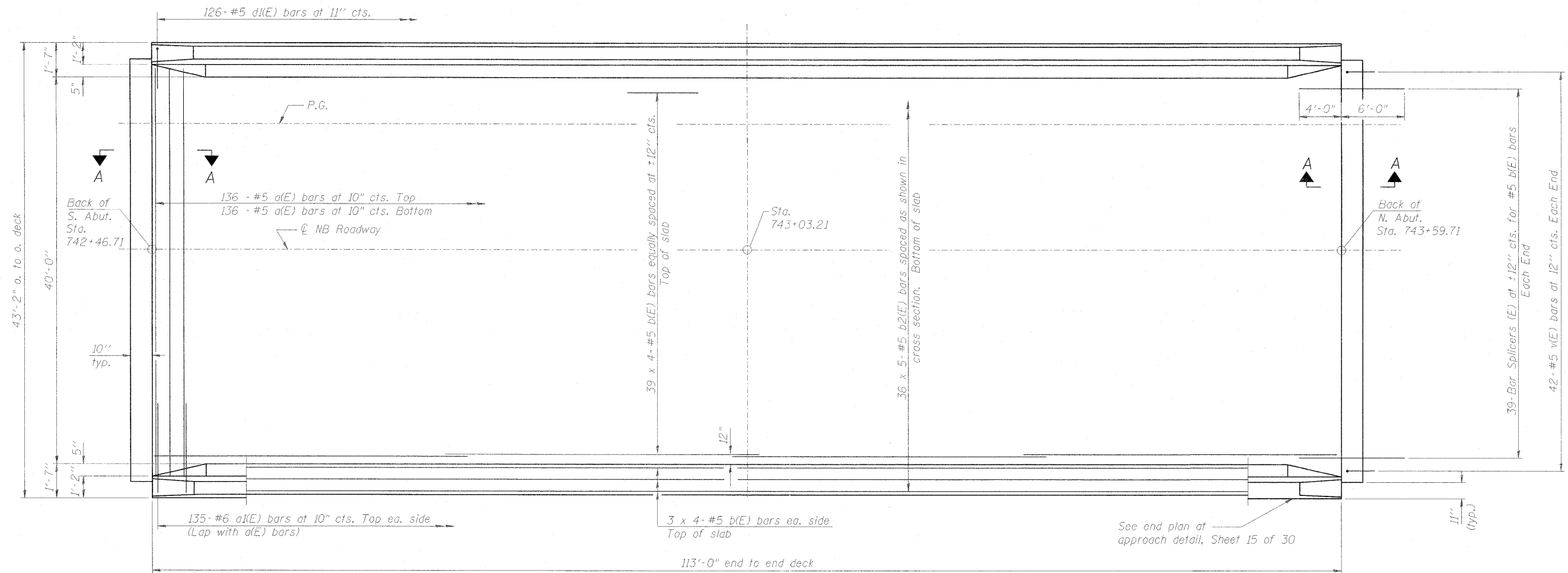
TOP OF APPROACH SLAB ELEVATIONS SOUTHBOUND
STRUCTURE NO. 101-0178

DESIGNED - BTO
CHECKED - JAW
DRAWN - BTO
CHECKED - JAN

SOUTH APPROACH PAVEMENT ELEVATIONS

SHEET NO. 10 30 SHEETS	F.A.P. RTE. 734	SECTION 77-2B-1, 77-2-2	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 282
	CONTRACT NO. 64813			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



NB DECK PLAN

MIN. BAR LAP

- #5 - 2'-2"
- #6 - 2'-7"

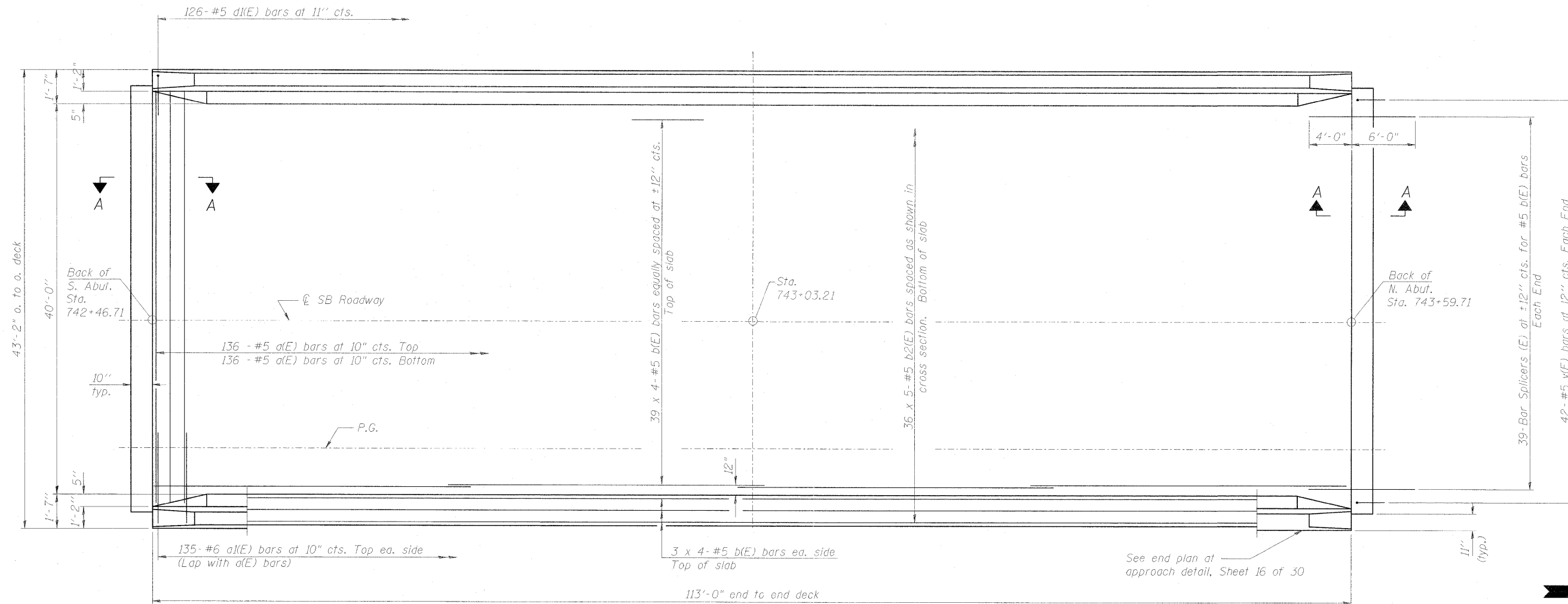
Notes:
See Sheet 15 of 30 for superstructure details, parapet reinforcement, and Bill of Material.
See Sheet 21 of 30 for Section A-A.
Reinforcement bars designated (E) shall be epoxy coated.
Bars indicated thus 39 x 4-#5 etc. indicates 39 lines of bars with 4 lengths per line.

DESIGNED	- JAW
CHECKED	- JAN
DRAWN	- BTD
CHECKED	- JAN

DECK PLAN - NORTHBOUND
STRUCTURE NO. 101-0178

SHEET NO. 11 30 SHEETS	F.A.P. RTE. 734	SECTION 77-2B-1, 77-2-2	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 283
	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64813	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SB DECK PLAN

MIN. BAR LAP

- #5 - 2'-2"
- #6 - 2'-7"

Notes:

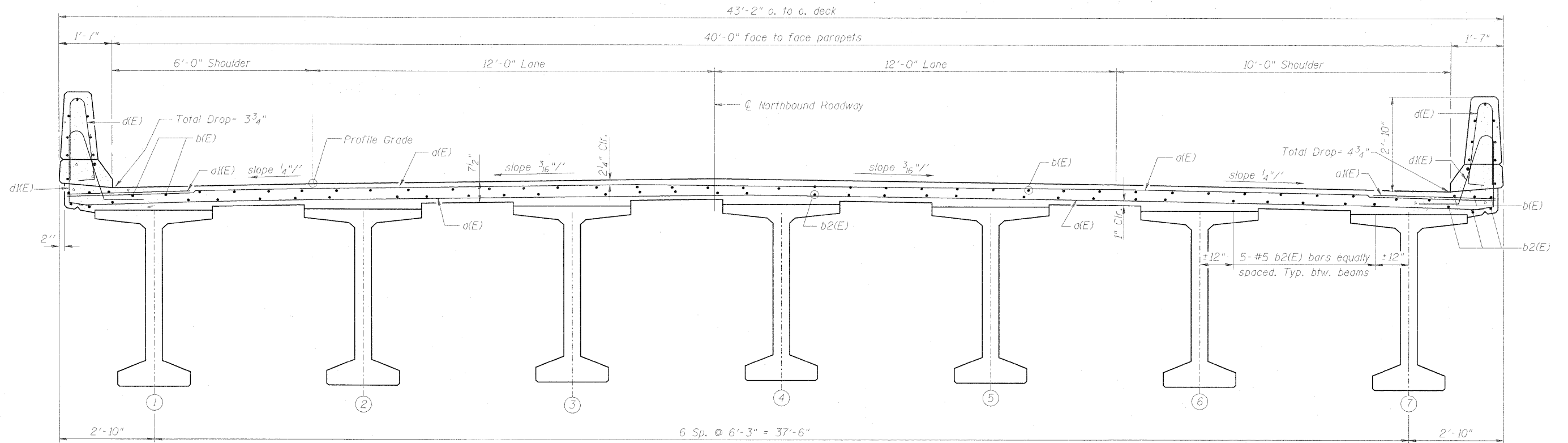
See Sheet 16 of 30 for superstructure details, parapet reinforcement, and Bill of Material.
See Sheet 21 of 30 for Section A-A.
Reinforcement bars designated (E) shall be epoxy coated.
Bars indicated thus 39 x 4-#5 etc. indicates 39 lines of bars with 4 lengths per line.

DECK PLAN - SOUTHBOUND
STRUCTURE NO. 101-0177

DESIGNED	JAW
CHECKED	JAN
DRAWN	BTD
CHECKED	JAW

SHEET NO. 12 30 SHEETS	F.A.P. RTE. 734	SECTION 77-2B-1, 77-2-2	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 284
	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64813	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



NB-CROSS SECTION
(Looking North)

Notes: See Sheet 15 of 30 for superstructure details, parapet reinforcement, and Bill of Material.

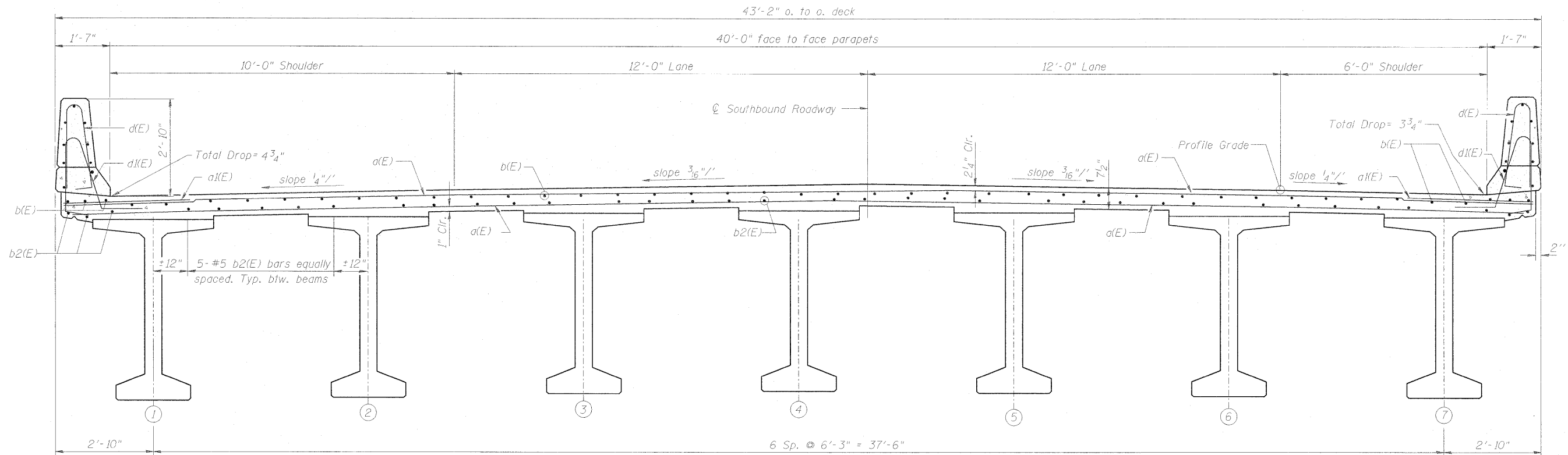
Reinforcement bars designated (E) shall be epoxy coated.

DECK CROSS SECTION NORTHBOUND
STRUCTURE NO. 101-0178

DESIGNED -	BTO
CHECKED -	JAN
DRAWN -	BTO
CHECKED -	JAW

SHEET NO. 13 30 SHEETS	F.A.P. RTE. 734	SECTION 77-2B-1, 77-2-2	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 285
	CONTRACT NO. 64813				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SB-CROSS SECTION
(Looking North)

Notes: See Sheet 16 of 30 for superstructure details, parapet reinforcement, and Bill of Material.

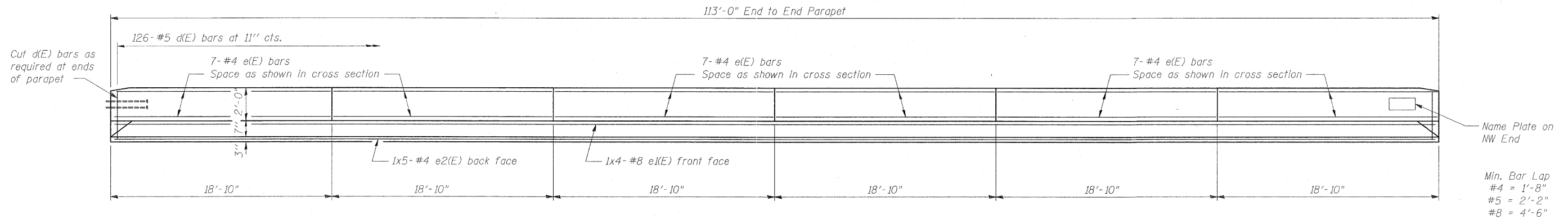
Reinforcement bars designated (E) shall be epoxy coated.

DECK CROSS SECTION SOUTHBOUND
STRUCTURE NO. 101-0177

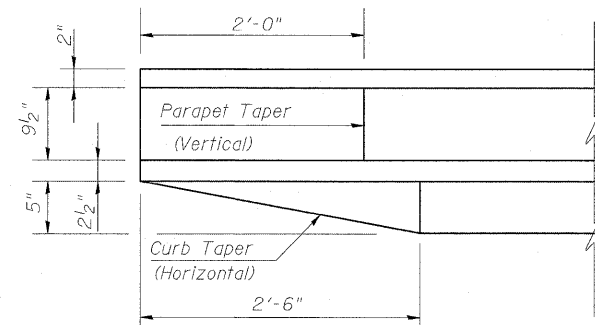
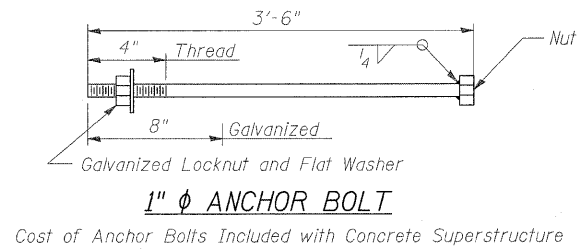
DESIGNED - BTP
CHECKED - JAN
DRAWN - BTO
CHECKED - JAW

SHEET NO. 14 30 SHEETS	F.A.P. RTE. 734	SECTION 77-2B-1, 77-2-2	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 286
	CONTRACT NO. 64813				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		

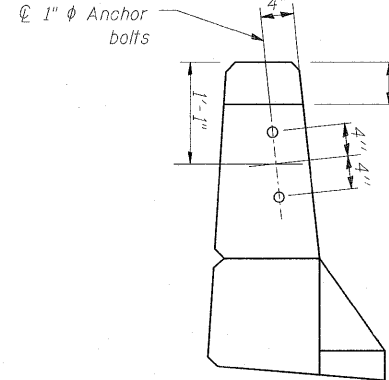
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



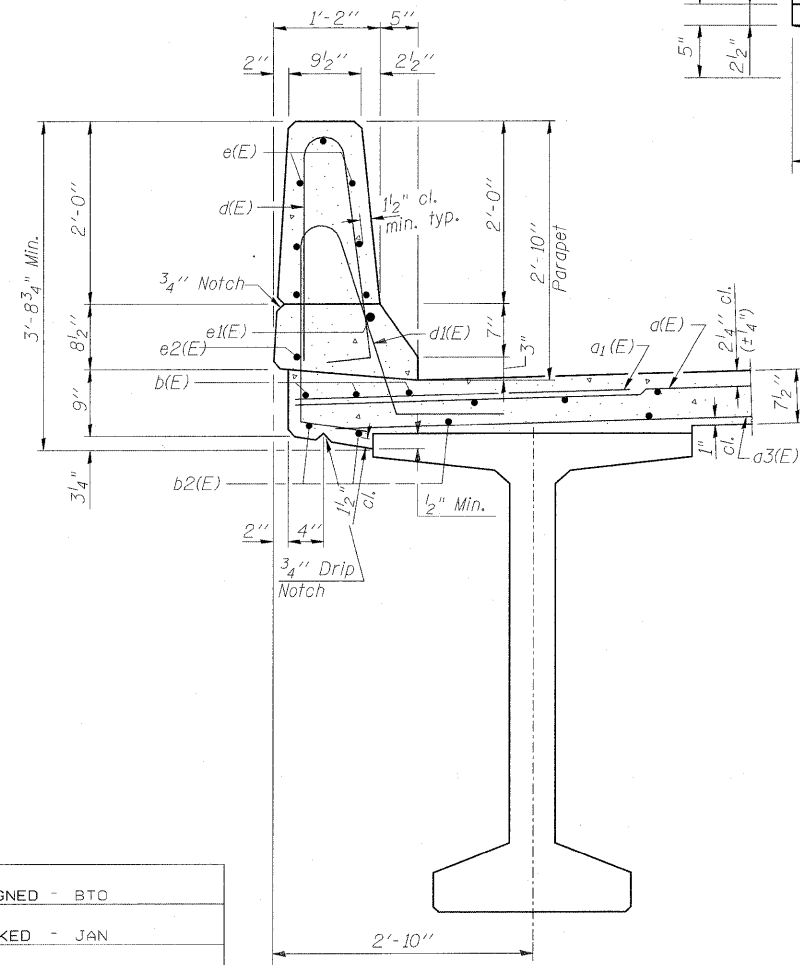
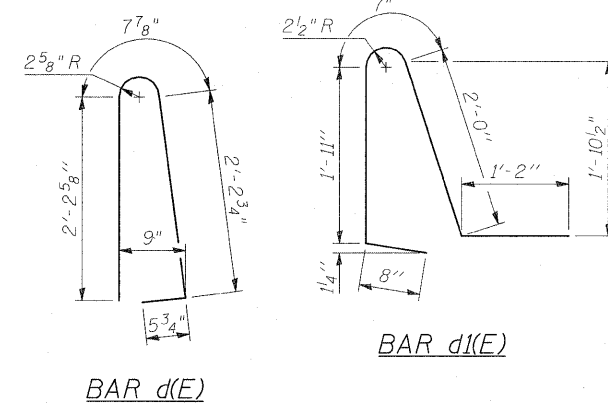
INSIDE ELEVATION OF WEST PARAPET
Looking West (East Parapet Similar)



END PLAN @ APPROACH
(South End Shown, North End Similar)



VIEW C-C



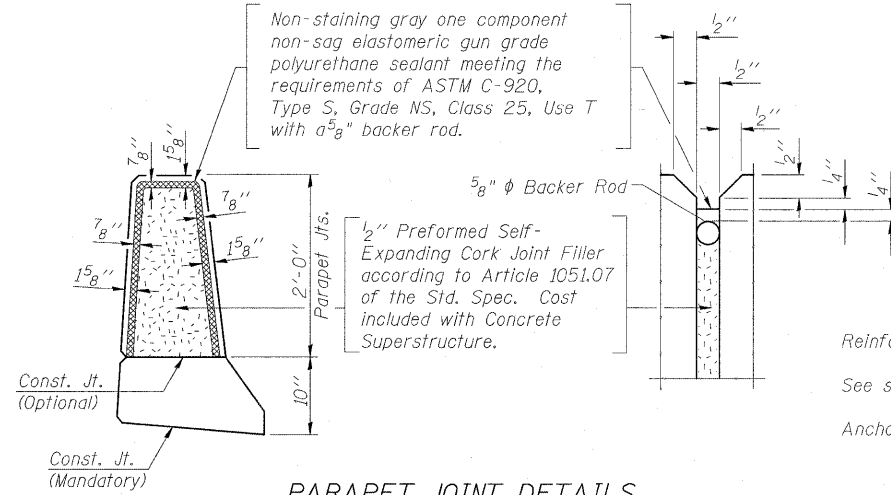
SECTION THRU PARAPET

DESIGNED - BTO
CHECKED - JAN
DRAWN - BTO
CHECKED - JAW

**SB SUPERSTRUCTURE
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a(E)	272	#5	42'-10"	—
a1(E)	270	#6	6'-0"	—
b(E)	180	#5	29'-10"	—
b2(E)	180	#5	24'-4"	—
d(E)	252	#5	5'-7"	U
d1(E)	252	#5	6'-4"	P
e(E)	84	#4	18'-7"	—
e1(E)	16	#8	31'-7"	—
e2(E)	20	#4	24'-6"	—
m(E)	8	#6	21'-9"	—
m1(E)	16	#6	22'-9"	—
m2(E)	42	#6	8'-6"	—
m3(E)	12	#6	3'-10"	—
m4(E)	4	#6	1'-6"	—
s(E)	84	#5	5'-0"	U
s1(E)	48	#4	14'-10"	U
v(E)	84	#5	3'-8"	—
Reinforcement Bars, Epoxy Coated		Lbs.		33,260
Concrete Superstructure		Cu. Yds.		200.7

Non-staining gray one component non-sag elastomeric gun grade polyurethane sealant meeting the requirements of ASTM C-920, Type S, Grade NS, Class 25, Use T with a 5/8" backer rod.



PARAPET JOINT DETAILS

Reinforcement bars designated (E) shall be epoxy coated.

See sht. 21 for details of s(E), s1(E), and v(E) bars.

Anchor bolts shall be A307 Gr C, F 1554 Gr 36 or M314 Gr 36.

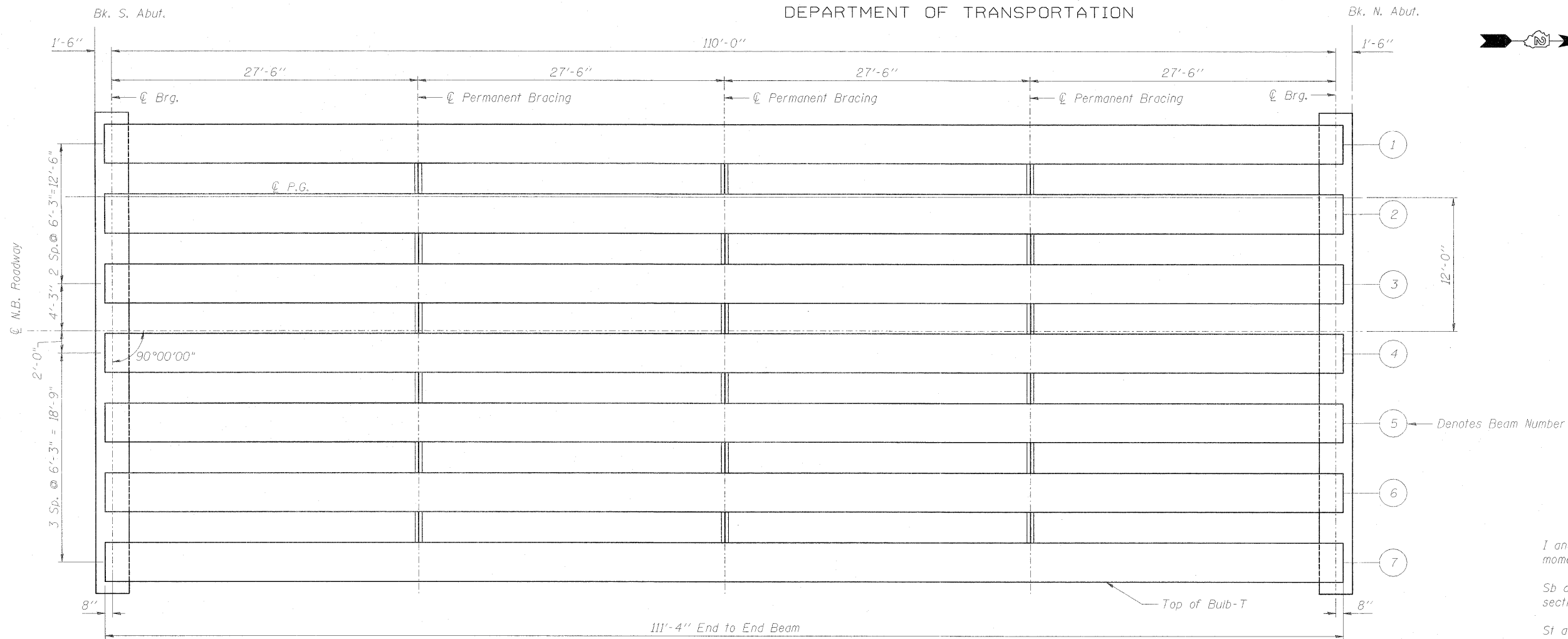
**SB SUPERSTRUCTURE DETAILS & B.O.M.
STRUCTURE NO. 101-0177**

SHEET NO. 16 30 SHEETS	F.A.P. RTE. 734	SECTION 77-2B-1, 77-2-2	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 288
	CONTRACT NO. 64813				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

Work this sheet with Sheets 12 of 30 and 14 of 30.

END ELEVATION (Along I.F. Parapet)
(South End Shown, North End Similar)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



BULB-T FRAMING PLAN-NB

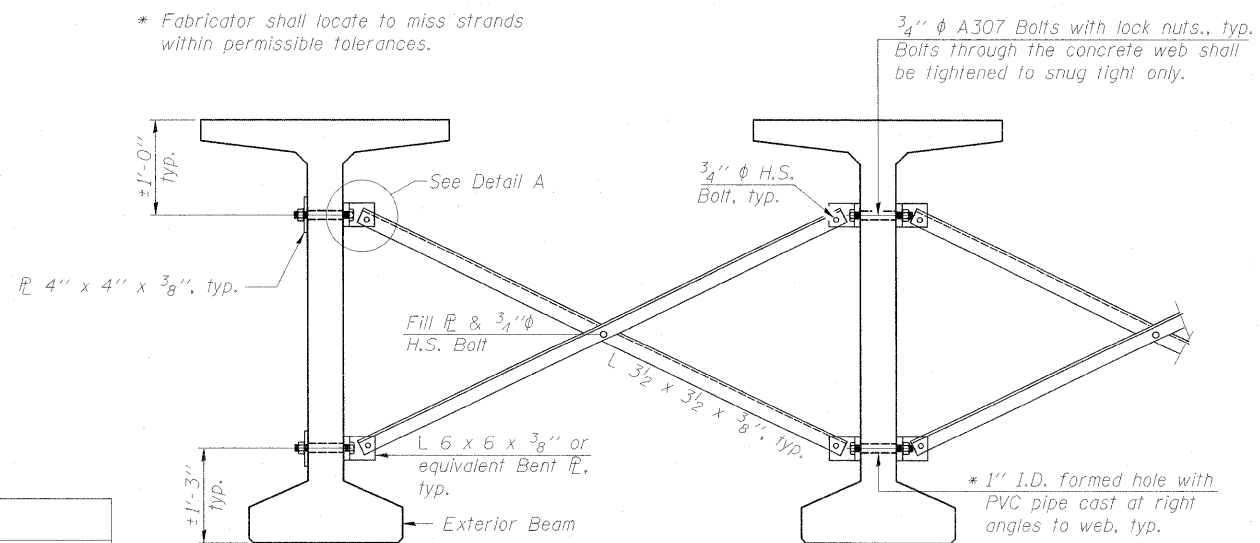
Interior Girder Moment Table		
0.5 Span		
I	(in ⁴)	392638
I'	(in ⁴)	716147
S _b	(in ³)	12224
S _{b'}	(in ³)	15865
S _t	(in ³)	12715
S _{t'}	(in ³)	40099
DL	(k/')	1.38
Mdl	(' k)	2093
s DL	(k/')	0.44
MsdL	(' k)	667
Mll	(' k)	968
M (Imp)	(' k)	206

Interior Girder Reaction Table		
Abut.		
R _{dl}	(k)	76.1
R _{sdl}	(k)	24.2
R _{ll}	(k)	37.4
Imp.	(k)	8.0
R (Total)	(k)	145.7

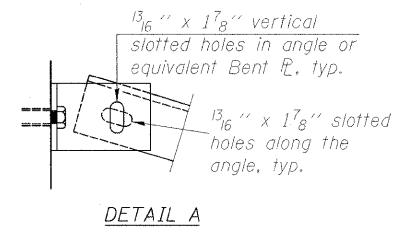
I and I' are the moment of inertia and composite moment of inertia of the beam section.

S_b and S_{b'} are the non-composite and composite section modulus for the bottom fiber of the prestressed beam.

S_t and S_{t'} are the non-composite and composite section modulus for the top fiber of the prestressed beam.



PERMANENT BRACING DETAILS
FOR BULB-T BEAMS



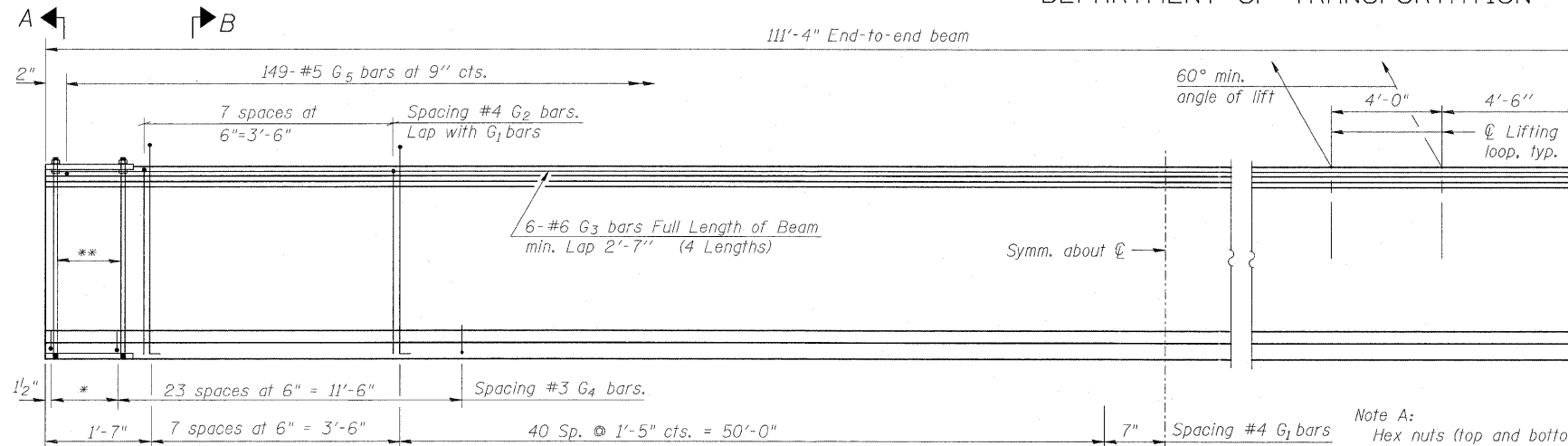
Notes:
All material for bracing shall be hot dip galvanized according to AASHTO M111 unless otherwise noted.
Two hardened washers are required for each set of oversized holes.
All holes shall be 5/16" φ unless otherwise noted.
5/16" x 3" x 3" plate washers are required over all slotted holes.
All bolts shall be galvanized according to AASHTO M232.
Bracing shall be installed as beams are erected and tightened as soon as possible during erection.
Permanent bracing shall not be paid for separately, but shall be included in the cost of Furnishing and Erecting Precast Prestressed Concrete Bulb T-Beams, 63".

DESIGNED -	BTD
CHECKED -	JAN
DRAWN -	BTD
CHECKED -	JAN

FRAMING PLAN NB & MOMENT TABLE
STRUCTURE NO. 101-0178

SHEET NO. 17 30 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	734	77-2B-1, 77-2-2	WINNEBAGO	530	289
FED. ROAD DIST. NO.			ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 64813					

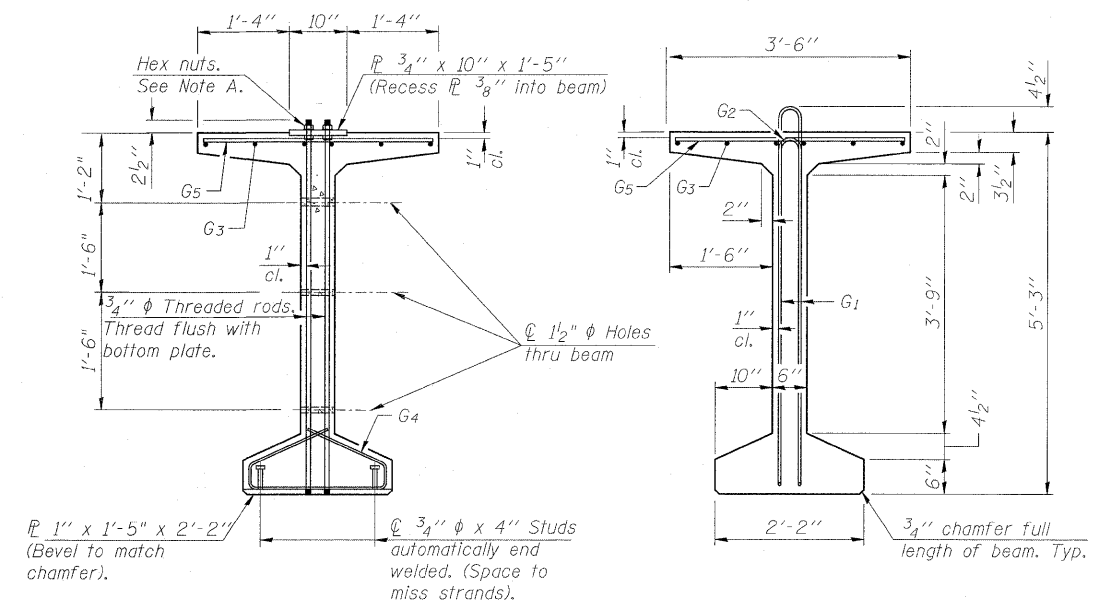
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



ELEVATION OF BEAM
(Showing Reinforcement & Dimensions)

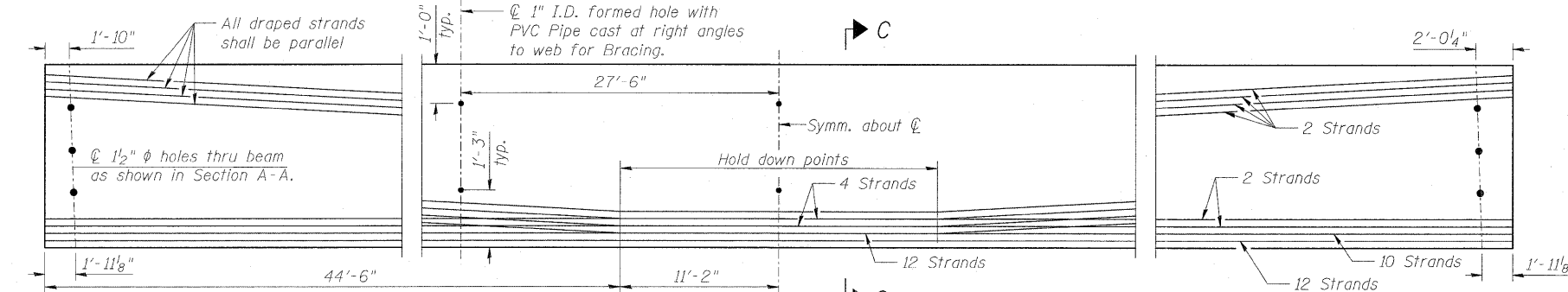
* 4 spaces at 3 1/4" = 1'-1".
** 5-3/4" φ threaded dowel rods at 3 1/4" cts., each face.

Note A:
Hex nuts (top and bottom) with lock washers (top). Only tighten sufficiently to compress lock washers.



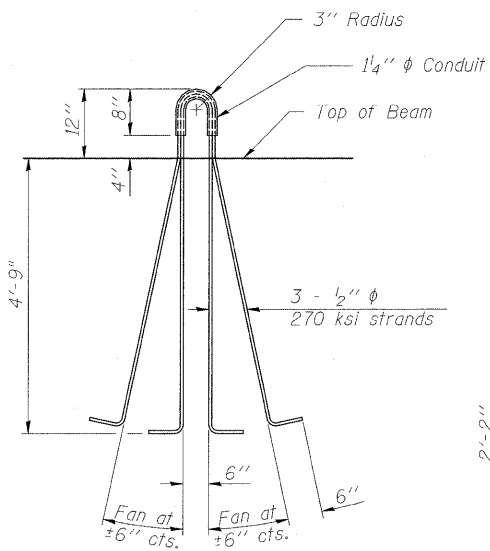
SECTION A-A

SECTION B-B

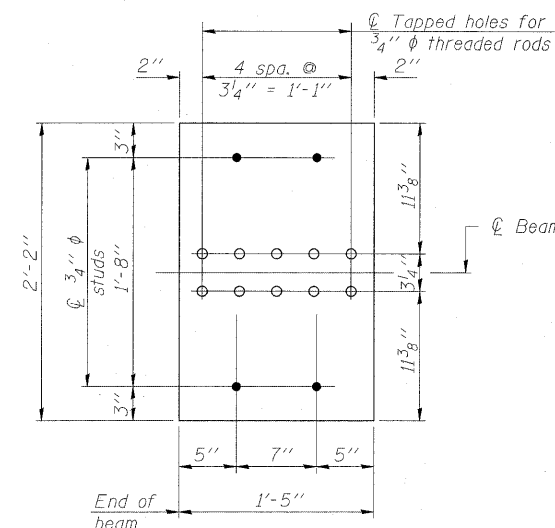


ELEVATION OF BEAM
(Showing Prestressing Steel)

All draped strands shall be parallel
φ 1 1/2" φ holes thru beam as shown in Section A-A.



LIFTING LOOP DETAIL



BOTTOM PLATE

See bearing details for pintle hole locations when required.

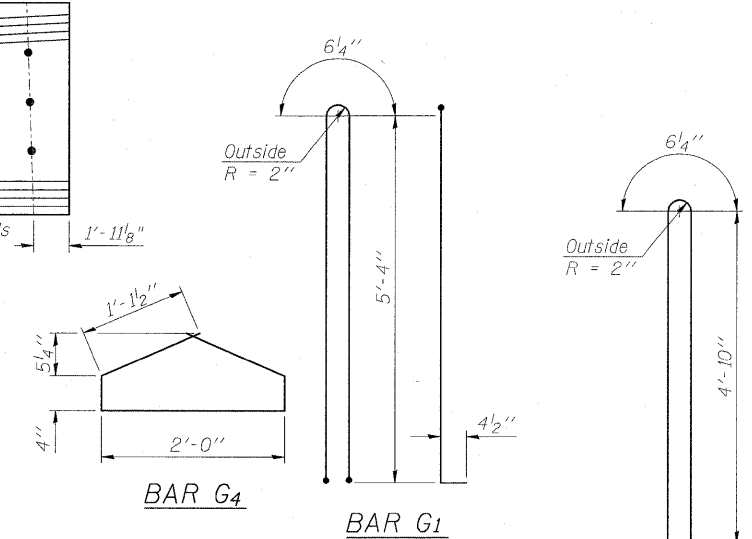
BILL OF MATERIAL

Item	Unit	Total*
Furnishing and Erecting Precast Prestressed Concrete Bulb T-Beams, 63"	Ft.	1558.7

* Both Structures

NOTES

Inserts for 3/4" φ threaded dowel rods, when specified, are to be two strut, ferrule type for interior beams and single ferrule, flared loop type for exterior beams.
Prestressing steel shall be uncoated high strength, low relaxation 7-wire strand, Grade 270. The nominal diameter shall be 1/2" and the nominal cross-sectional area shall be 0.153 sq. in.
Reinforcement bars shall conform to ASTM A 706, Grade 60. (See Special Provisions).
A minimum 2 1/2" φ lifting pin shall be used to engage the lifting loops during handling.
The top and bottom plates shall be AASHTO M270 Grade 50. The bottom plates and studs shall be galvanized according to AASHTO M111. Top plates and threaded rods need not be galvanized. Threaded rods shall be ASTM F 1554 Grade 55.



BAR G4

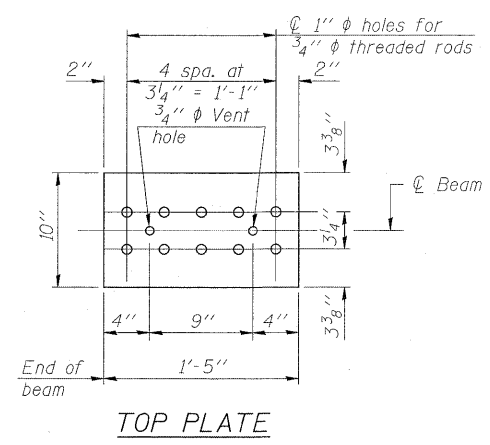
BAR G1

BAR G2

***** BAR LIST ONE BEAM ONLY**

Bar	No.	Size	Length	Shape
G1	96	#4	11'-11"	∩L
G2	16	#4	10'-2"	∩
G3	24	#6	29'-9"	—
G4	56	#3	4'-11"	∩
G5	149	#5	3'-4"	—

*** For information only



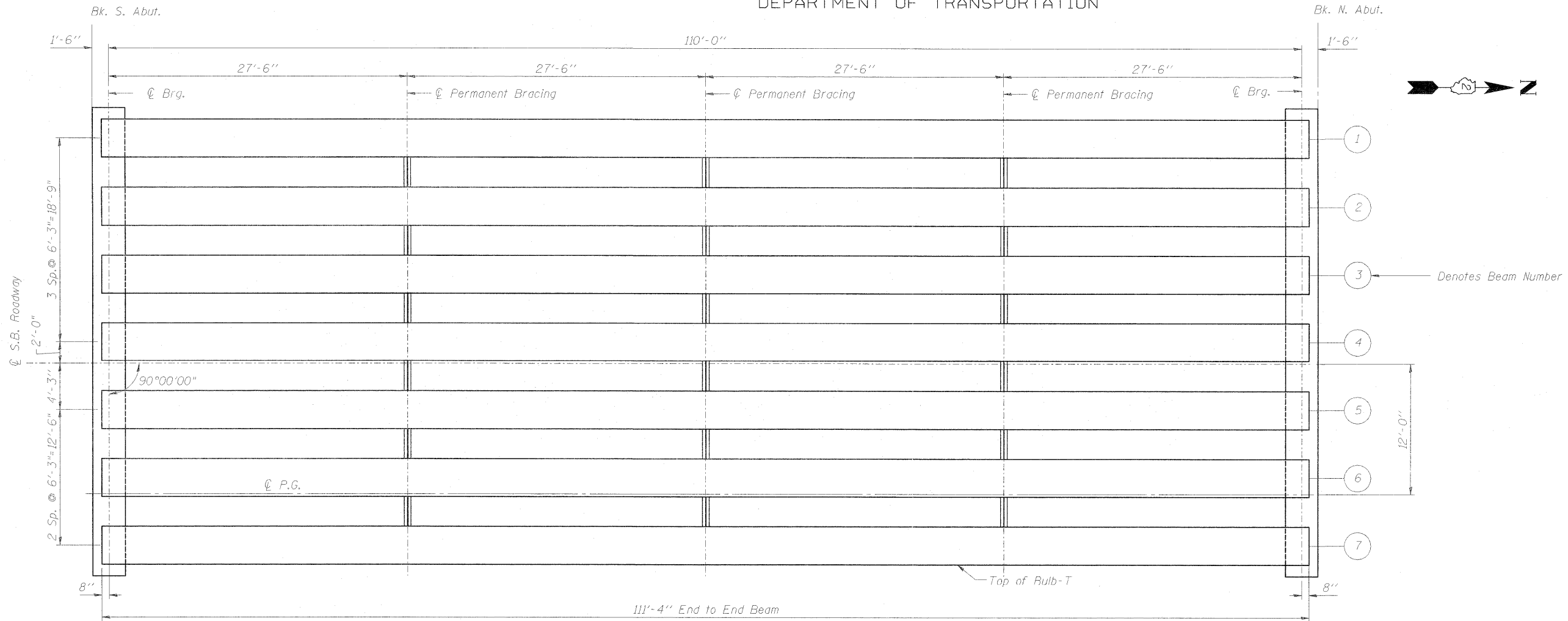
TOP PLATE

**BEAM ELEVATION & DETAILS
STRUCTURE NO. 101-0177 & 101-0178**

DESIGNED - BTO
CHECKED - JAN
DRAWN - BTO
CHECKED - JAN

SHEET NO. 18 30 SHEETS	F.A.P. RTE. 734	SECTION 77-28-1, 77-2-2	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 290
	CONTRACT NO. 64813				
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



BULB-T FRAMING PLAN-SB

Interior Girder Moment Table		
0.5 Span		
I	(in ⁴)	392638
I'	(in ⁴)	716147
S_b	(in ³)	12224
S_b'	(in ³)	15865
S_t	(in ³)	12715
S_t'	(in ³)	40099
DL	(k/')	1.38
Mdl	(' k)	2093
$s DL$	(k/')	0.44
$MsdI$	(' k)	667
MII	(' k)	968
M (Imp)	(' k)	206

I and I' are the moment of inertia and composite moment of inertia of the beam section.

S_b and S_b' are the non-composite and composite section modulus for the bottom fiber of the prestressed beam.

S_t and S_t' are the non-composite and composite section modulus for the top fiber of the prestressed beam.

NOTE: See Sht. 17 for Permanent Bracing Details.

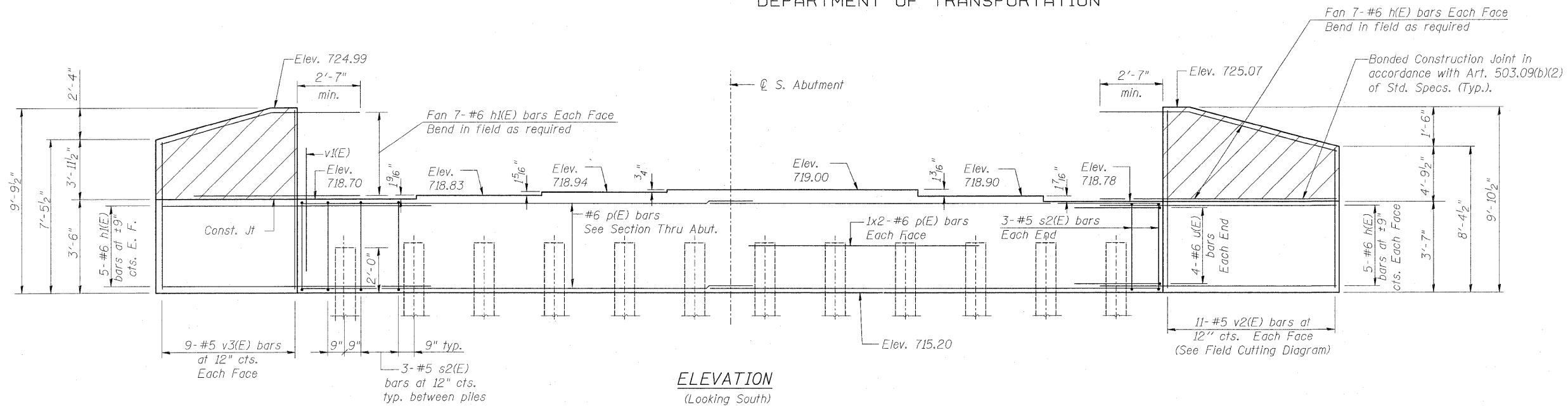
Interior Girder Reaction Table		
Abut.		
Rdl	(k)	76.1
$RsdI$	(k)	24.2
RII	(k)	37.4
$Imp.$	(k)	8.0
R (Total)	(k)	145.7

DESIGNED	- BTO
CHECKED	- JAN
DRAWN	- BTO
CHECKED	- JAN

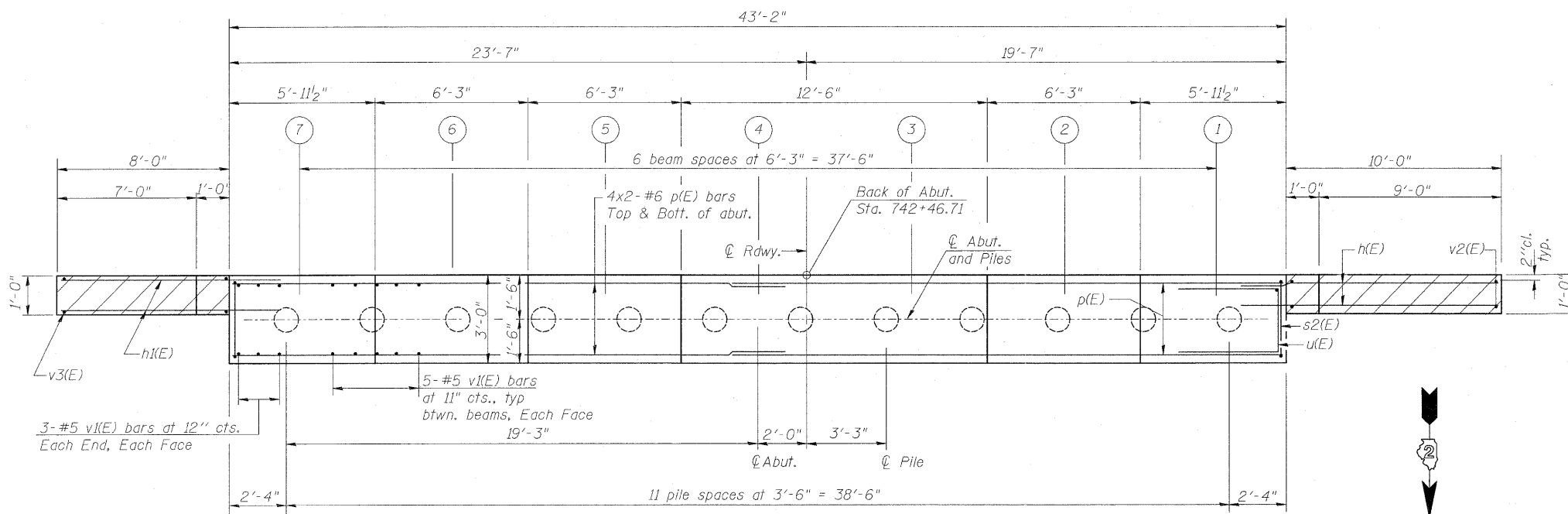
**FRAMING PLAN SB & MOMENT TABLE
STRUCTURE NO. 101-0177**

SHEET NO. 19 30 SHEETS	F.A.P. RTE. 734	SECTION 77-2B-1, 77-2-2	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 291
	CONTRACT NO. 64813			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

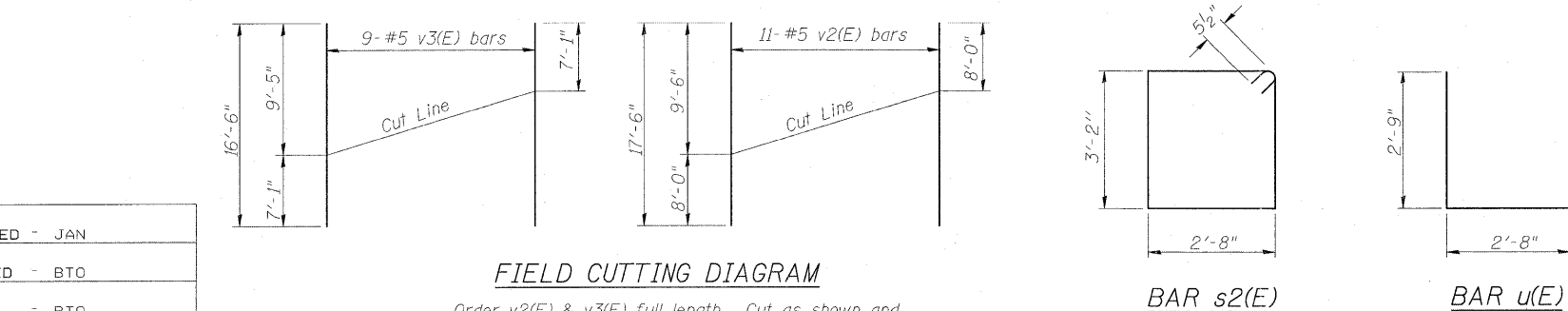
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



ELEVATION
(Looking South)



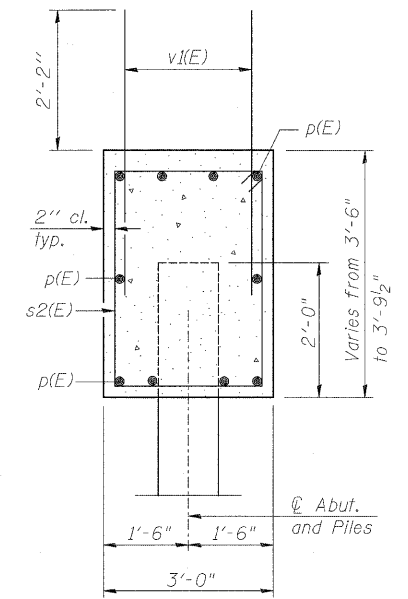
PLAN



FIELD CUTTING DIAGRAM

Order v2(E) & v3(E) full length. Cut as shown and use remainder of bars in opposite face.

DESIGNED - JAN
CHECKED - BTO
DRAWN - BTO
CHECKED - JAN



SEC. THRU ABUT.

PILE DATA

Type and Size: 12" ϕ Metal Shell w/1/4" walls
Nominal Required Bearing: 330 kips
Allowable Resistance Available: 110 kips
Est. Pile Length: 47'
Number of Production: 11
Number of Test Piles: 1
The metal shell piles shall be according to ASTM A252, Grade 3.
Piles shall be driven thru 18" ϕ pre-cored holes extending to Elev. +698.

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	24	#6	13'-1"	—
h1(E)	24	#6	11'-1"	—
p(E)	20	#6	22'-6"	—
s2(E)	39	#5	12'-7"	□
u(E)	8	#6	8'-2"	—
v1(E)	72	#5	4'-4"	—
v2(E)	11	#5	17'-6"	—
v3(E)	9	#5	16'-6"	—
Concrete Structures		Cu. Yd.	20.0	
Reinforcement Bars, Epoxy Coated		Pound	2840	
Test Pile Metal Shell		Each	1	
Furnishing Metal Shell Piles, 12" x 0.250"		Foot	517	
Driving Piles		Foot	517	
Structure Excavation		Cu. Yd.	158	

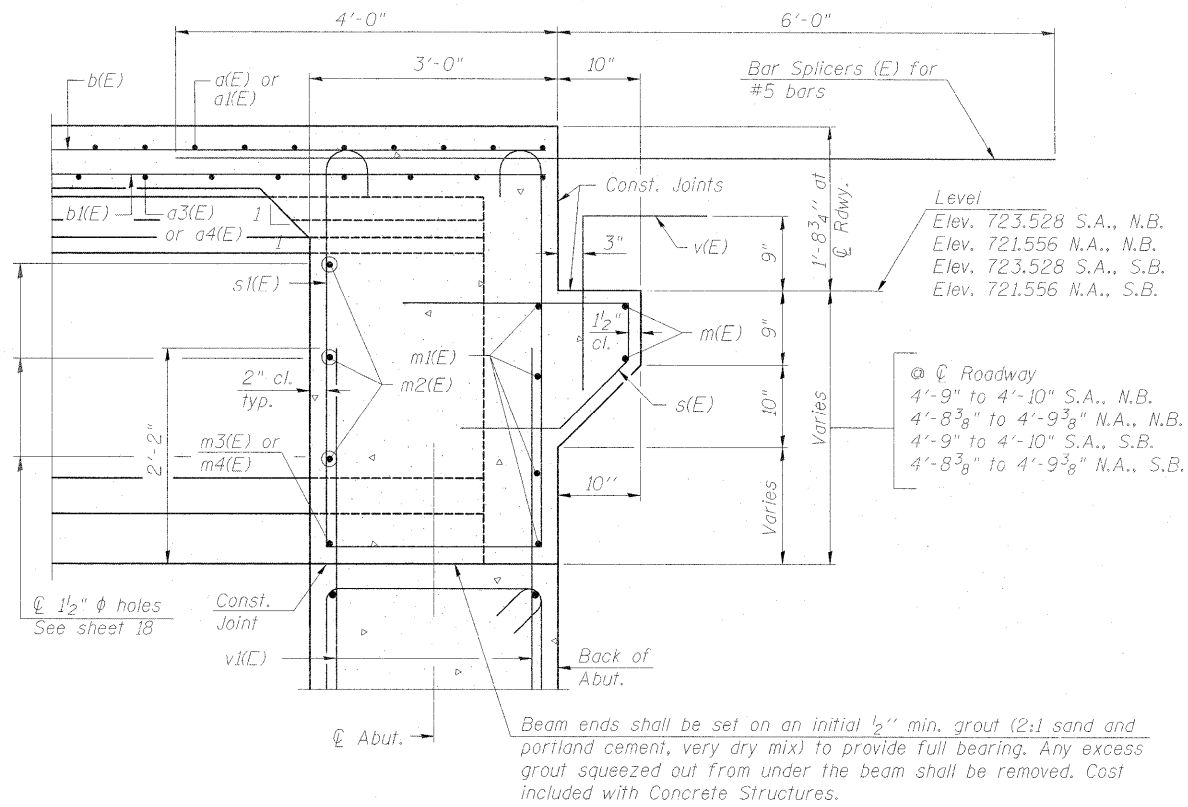
Min. Lap Bar #6 = 2'-7"

- Notes:
- 1) Pour steps monolithically with cap.
 - 2) Reinforcement bars designated (E) shall be epoxy coated.
 - 3) All edges shall have 3/4" chamfers except as noted.
 - 4) Hatched area to be poured with deck after beams are in place. Quantity of concrete for hatched area included with "Concrete Superstructure" on Sheet 15.
 - 5) The test pile shall be driven to 110 percent of the Nominal Required Bearing indicated in the pile data information.

**SOUTH ABUTMENT NORTHBOUND
STRUCTURE NO. 101-0178**

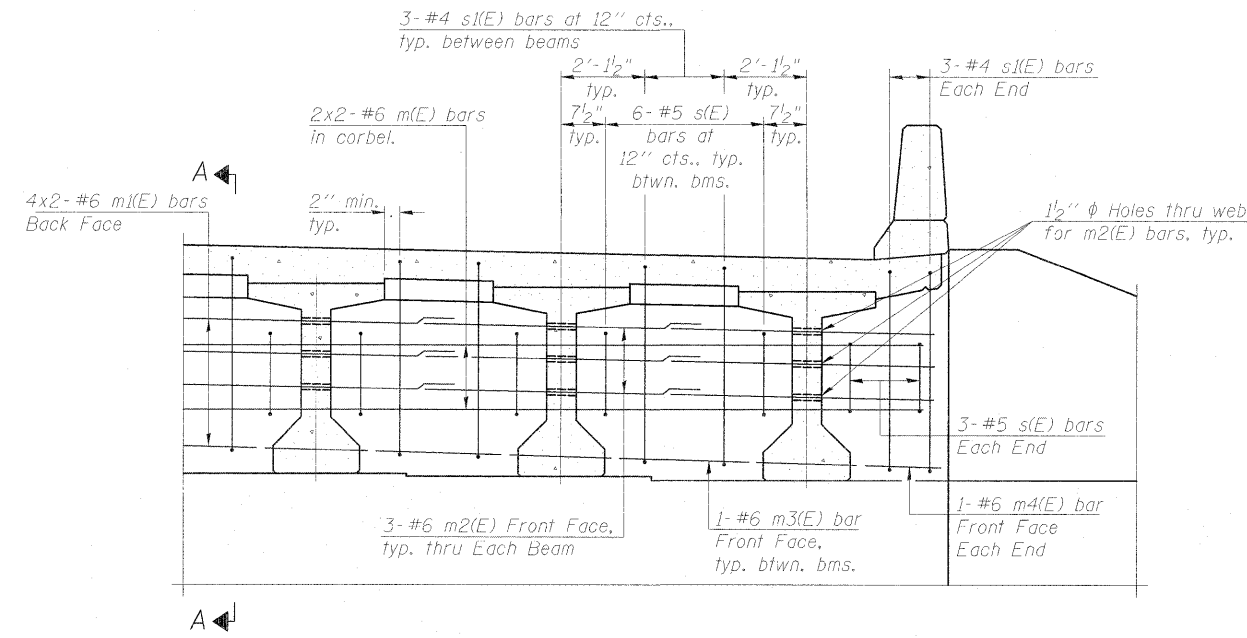
SHEET NO. 20 30 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	734	77-2B-1, 77-2-2	WINNEBAGO	530	292
FED. ROAD DIST. NO.			ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 64813					

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

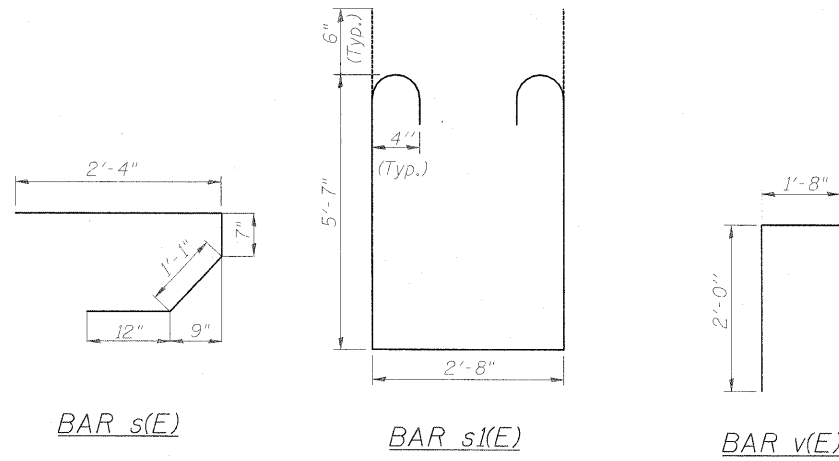


SECTION A-A

Dimensions at right angles to abutment, except as shown.



DIAPHRAGM ELEVATION AT ABUTMENT



MIN. BAR LAP
#6 bar = 2'-9"

Notes:

NB Reinforcement bars in diaphragm are billed with superstructure on sheet 15 of 30. SB Reinforcement bars in diaphragm are billed with superstructure on sheet 16 of 30.

Concrete in NB diaphragm is included with Concrete Superstructure on sheet 15 of 30. Concrete in SB diaphragm is included with Concrete Superstructure on sheet 16 of 30.

The s(E) and s1(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.

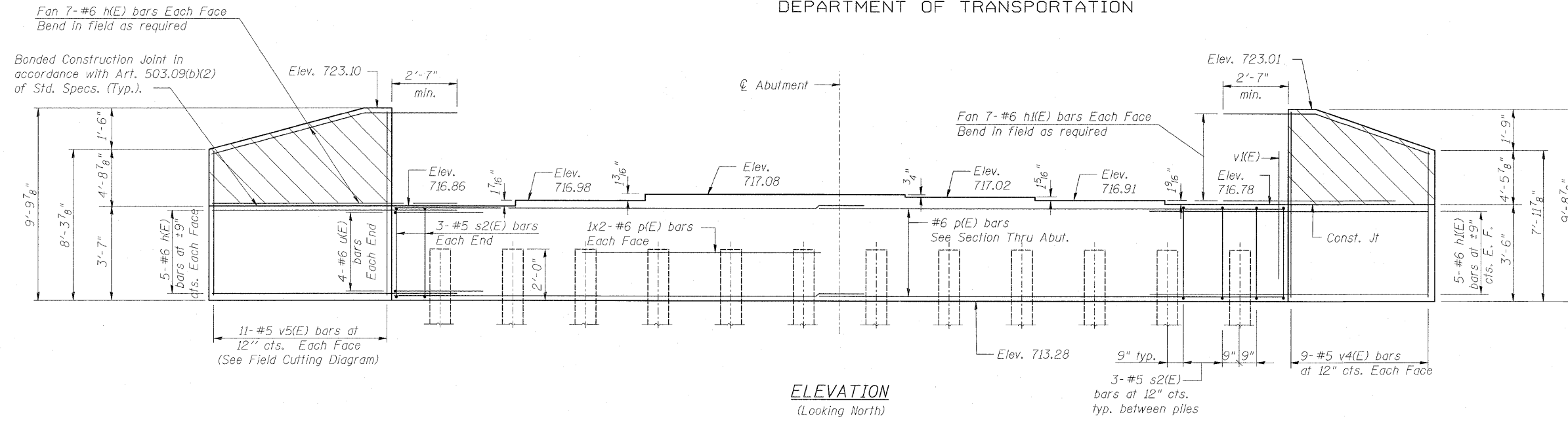
Reinforcement bars designated (E) shall be epoxy coated.

ABUTMENT DETAILS
STRUCTURE NO. 101-0177 & 101-0178

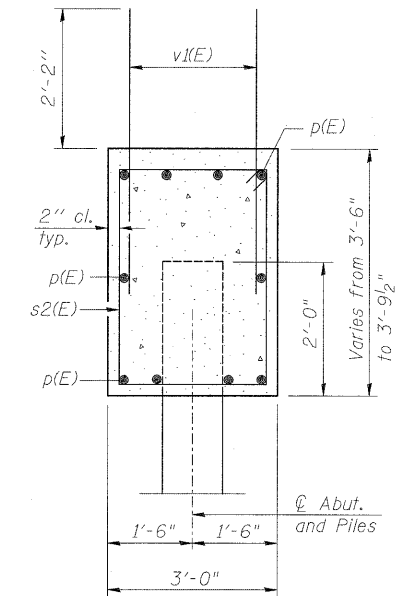
DESIGNED - JAW
CHECKED - JAN
DRAWN - BTD
CHECKED - JAW

SHEET NO. 21 30 SHEETS	F.A.P. RTE. 734	SECTION 77-2B-1, 77-2-2	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 293
	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64813	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



ELEVATION
(Looking North)



SEC. THRU ABUT.

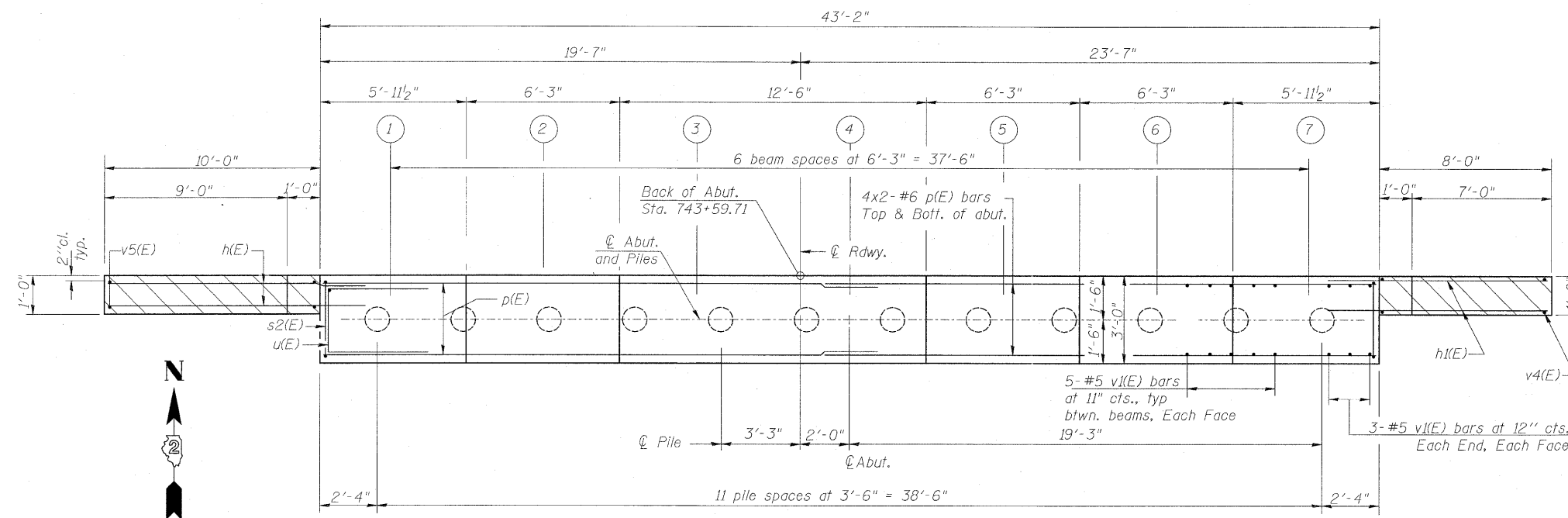
PILE DATA

Type and Size: 12" ϕ Metal Shell w/1/4" walls
Nominal Required Bearing: 330 kips
Allowable Resistance Available: 110 kips
Est. Pile Length: 46'
Number of Production: 11
Number of Test Piles: 1
The metal shell piles shall be according to ASTM A252, Grade 3.
Piles shall be driven thru 18" ϕ pre-cored holes extending to Elev. +698.

BILL OF MATERIAL

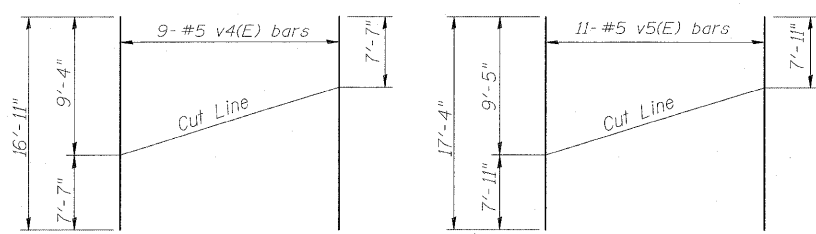
Bar	No.	Size	Length	Shape
h(E)	24	#6	13'-1"	—
h(E)	24	#6	11'-1"	—
p(E)	20	#6	22'-6"	—
s2(E)	39	#5	12'-7"	□
u(E)	8	#6	8'-2"	□
v1(E)	72	#5	4'-4"	—
v4(E)	9	#5	16'-11"	—
v5(E)	11	#5	17'-4"	—
Concrete Structures		Cu. Yd.	20.0	
Reinforcement Bars, Epoxy Coated		Pound	2850	
Test Pile Metal Shell		Each	1	
Furnishing Metal Shell Piles, 12" x 0.250"		Foot	506	
Driving Piles		Foot	506	
Structure Excavation		Cu. Yd.	158	

Min. Lap Bar #6 = 2'-7"



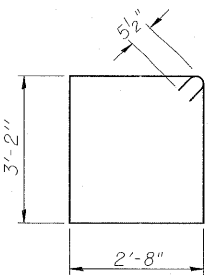
PLAN

- Notes: 1) Pour steps monolithically with cap.
2) Reinforcement bars designated (E) shall be epoxy coated.
3) All edges shall have 3/4" chamfers except as noted.
4) Hatched area to be poured with deck after beams are in place. Quantity of concrete for hatched area included with "Concrete Superstructure" on Sheet 15.
5) The test pile shall be driven to 110 percent of the Nominal Required Bearing indicated in the pile data information.

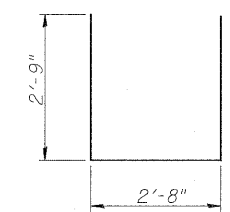


FIELD CUTTING DIAGRAM

Order v4(E) & v5(E) full length. Cut as shown and use remainder of bars in opposite face.



BAR s2(E)



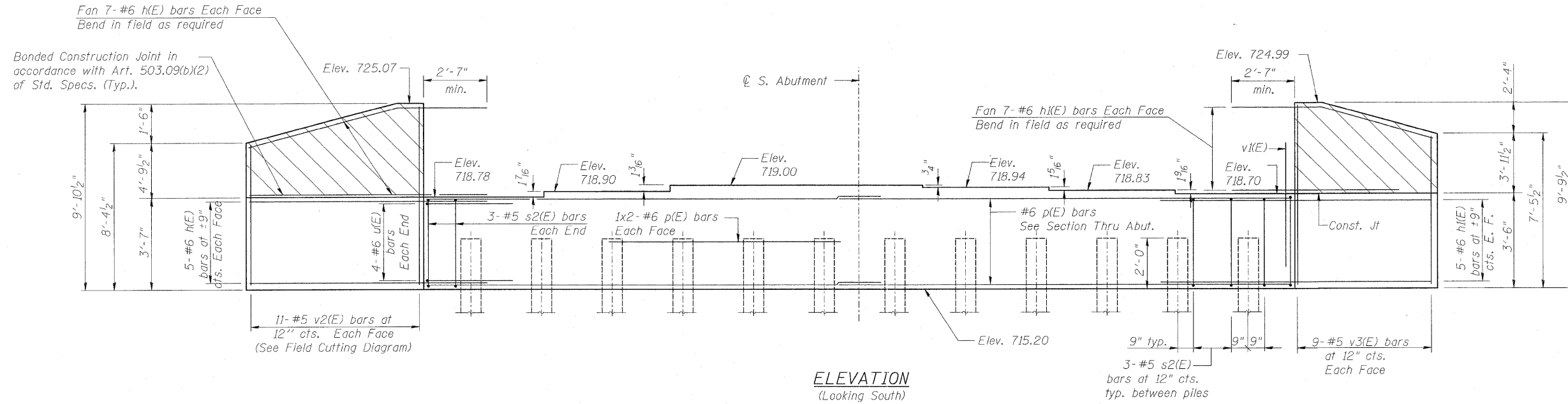
BAR u(E)

DESIGNED - JAN
CHECKED - BTO
DRAWN - BTO
CHECKED - JAN

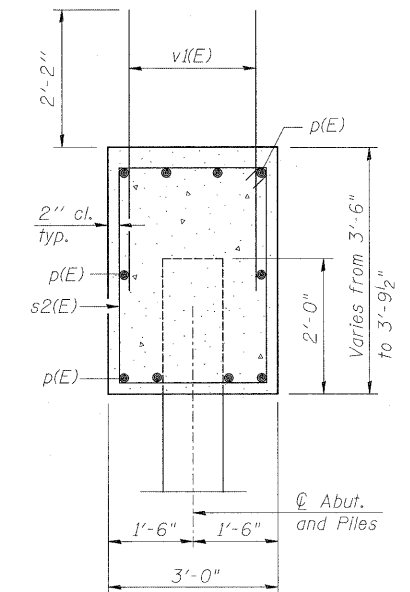
**NORTH ABUTMENT NORTHBOUND
STRUCTURE NO. 101-0178**

SHEET NO. 22 30 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	734	77-2B-1, 77-2-2	WINNEBAGO	530	294
FED. ROAD DIST. NO.			ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 64813					

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



ELEVATION
(Looking South)



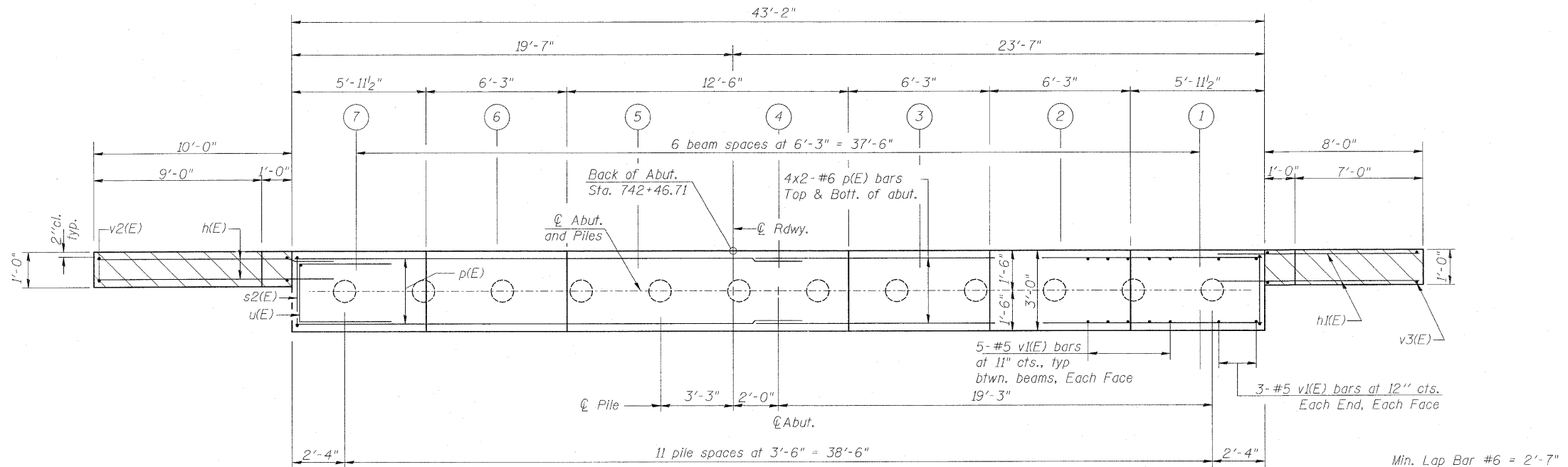
SEC. THRU ABUT.

PILE DATA

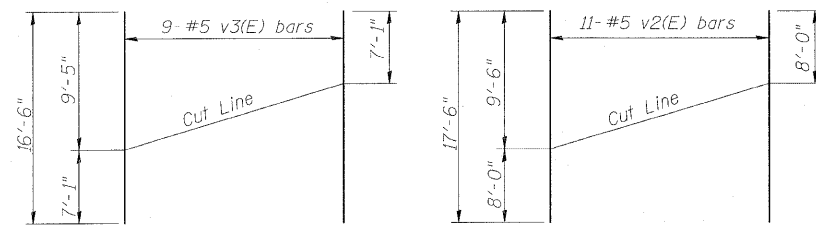
Type and Size: 12" ϕ Metal Shell w/1/4" walls
Nominal Required Bearing: 330 kips
Allowable Resistance Available: 110 kips
Est. Pile Length: 47'
Number of Production: 11
Number of Test Piles: 1
The metal shell piles shall be according to ASTM A252, Grade 3.
Pile shall be driven thru 18" ϕ pre-cored holes extending to Elev. \pm 698.

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	24	#6	13'-1"	—
h1(E)	24	#6	11'-1"	—
p(E)	20	#6	22'-6"	—
s2(E)	39	#5	12'-7"	□
u(E)	8	#6	8'-2"	—
v1(E)	72	#5	4'-4"	—
v2(E)	11	#5	17'-6"	—
v3(E)	9	#5	16'-6"	—
Concrete Structures	Cu. Yd.		20.0	
Reinforcement Bars, Epoxy Coated	Pound		2840	
Test Pile Metal Shell	Each		1	
Furnishing Metal Shell Piles, 12" x 0.250"	Foot		517	
Driving Piles	Foot		517	
Structure Excavation	Cu. Yd.		158	

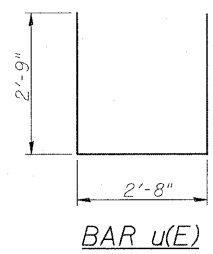
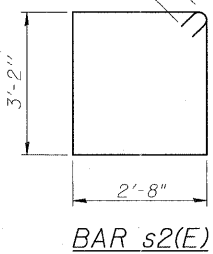


PLAN



FIELD CUTTING DIAGRAM

Order v2(E) & v3(E) full length. Cut as shown and use remainder of bars in opposite face.



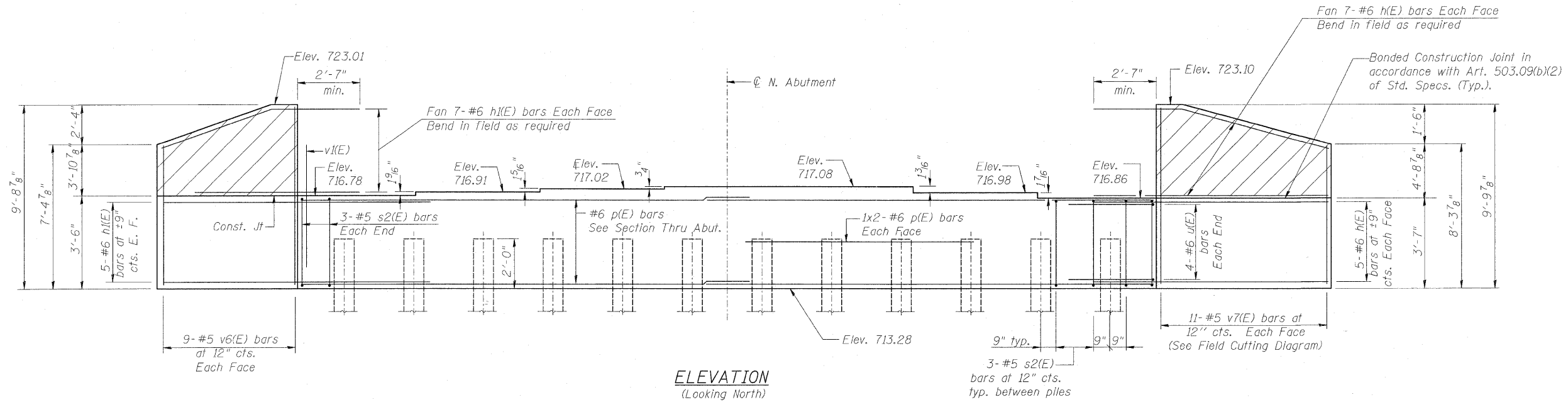
- Notes: 1) Pour steps monolithically with cap.
2) Reinforcement bars designated (E) shall be epoxy coated.
3) All edges shall have 3/4" chamfers except as noted.
4) Hatched area to be poured with deck after beams are in place. Quantity of concrete for hatched area included with "Concrete Superstructure" on Sheet 16.
5) The test pile shall be driven to 110 percent of the Nominal Required Bearing indicated in the pile data information.

DESIGNED - JAN
CHECKED - BTG
DRAWN - BTG
CHECKED - JAN

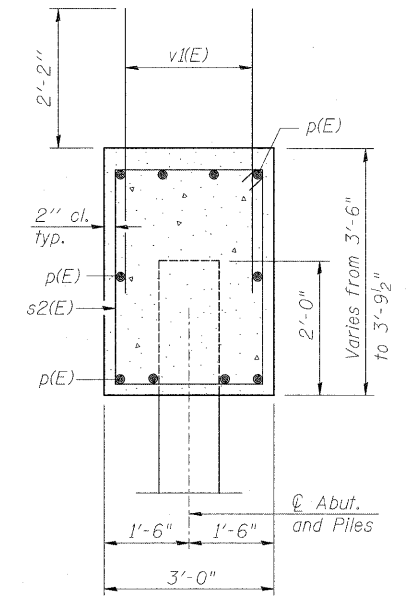
SHEET NO. 23 30 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	734	77-2B-1, 77-2-2	WINNEBAGO	530	295
FED. ROAD DIST. NO.			ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 64813					

**SOUTH ABUTMENT SOUTHBOUND
STRUCTURE NO. 101-0177**

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



ELEVATION
(Looking North)



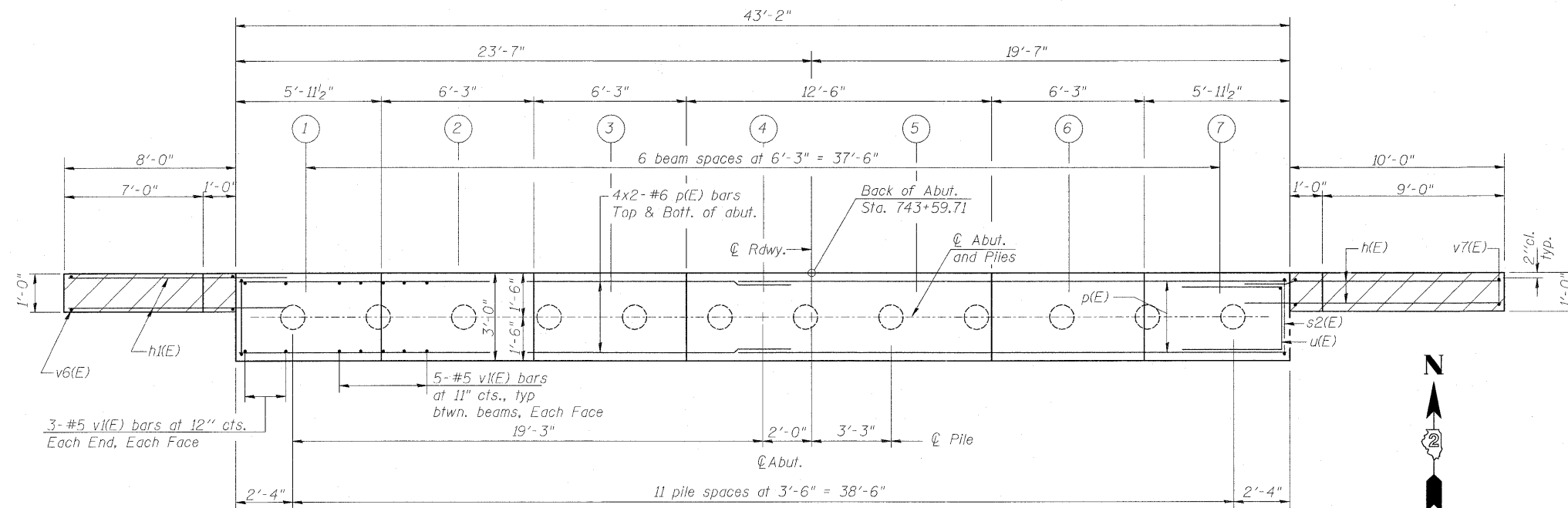
SEC. THRU ABUT.

PILE DATA

Type and Size: 12" ϕ Metal Shell w/1/4" walls
Nominal Required Bearing: 330 kips
Allowable Resistance Available: 110 kips
Est. Pile Length: 46'
Number of Production: 11
Number of Test Piles: 1
The metal shell piles shall be according to ASTM A252, Grade 3.
Piles shall be driven thru 18" ϕ pre-cored holes extending to Elev. \pm 698.

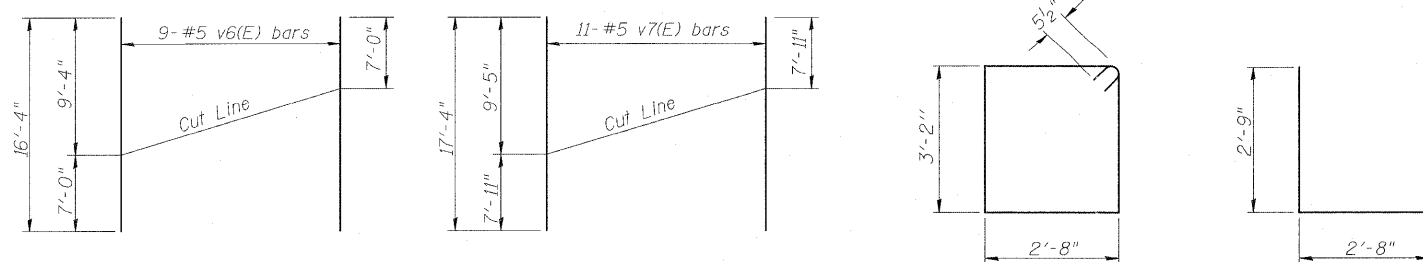
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	24	#6	13'-1"	—
h1(E)	24	#6	11'-1"	—
p(E)	20	#6	22'-6"	—
s2(E)	39	#5	12'-7"	□
u(E)	8	#6	8'-2"	—
v1(E)	72	#5	4'-4"	—
v6(E)	9	#5	16'-4"	—
v7(E)	11	#5	17'-4"	—
Concrete Structures		Cu. Yd.	20.0	
Reinforcement Bars, Epoxy Coated		Pound	2850	
Test Pile Metal Shell		Each	1	
Furnishing Metal Shell Piles, 12" x 0.250"		Foot	506	
Driving Piles		Foot	506	
Structure Excavation		Cu. Yd.	158	



PLAN

Min. Lap Bar #6 = 2'-7"



FIELD CUTTING DIAGRAM

Order v6(E) & v7(E) full length. Cut as shown and use remainder of bars in opposite face.

BAR s2(E)

BAR u(E)

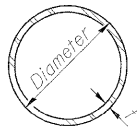
- Notes:
- 1) Pour steps monolithically with cap.
 - 2) Reinforcement bars designated (E) shall be epoxy coated.
 - 3) All edges shall have 3/4" chamfers except as noted.
 - 4) Hatched area to be poured with deck after beams are in place. Quantity of concrete for hatched area included with "Concrete Superstructure" on Sheet 15.
 - 5) The test pile shall be driven to 110 percent of the Nominal Required Bearing indicated in the pile data information.

DESIGNED - JAN
CHECKED - BTQ
DRAWN - BTQ
CHECKED - JAN

**NORTH ABUTMENT SOUTHBOUND
STRUCTURE NO. 101-0177**

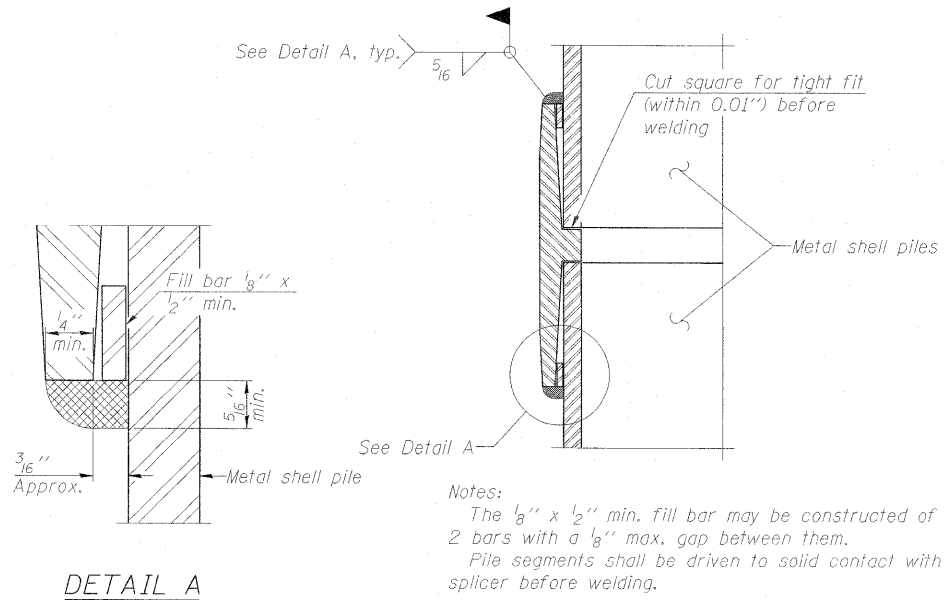
SHEET NO. 24 30 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	734	77-2B-1, 77-2-2	WINNEBAGO	530	296
FED. ROAD DIST. NO.			ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 64813					

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

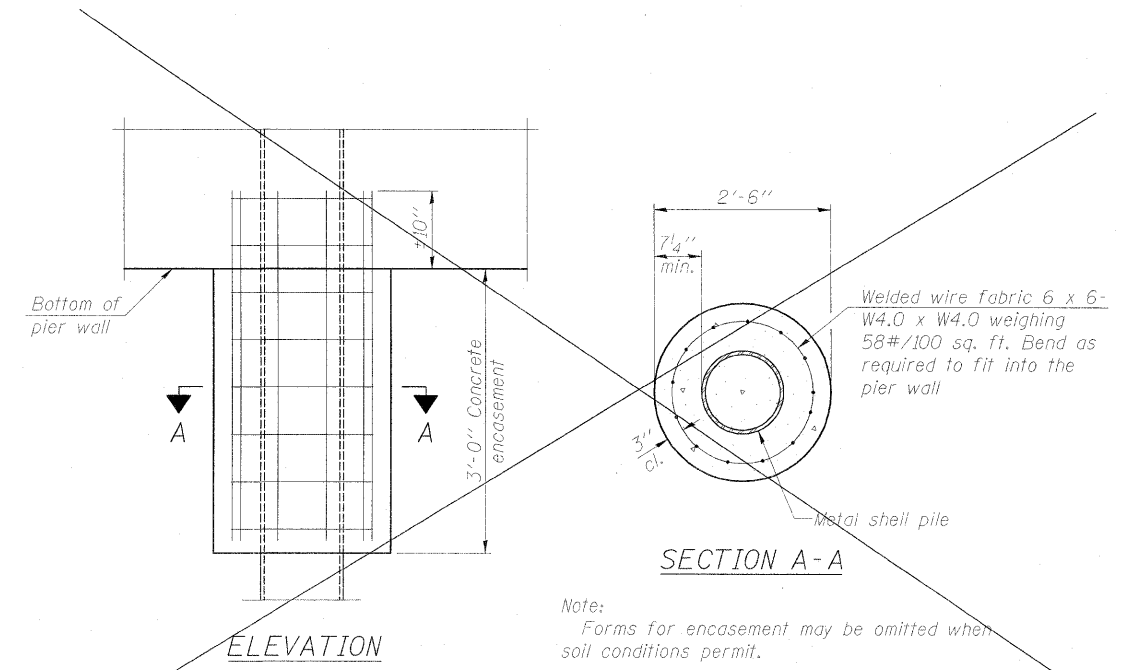


METAL SHELL PILE TABLE

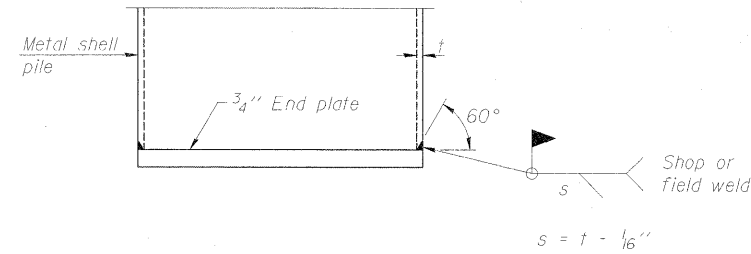
Designation and outside diameter	Wall thickness t	Weight per foot (Lbs./ft.)	Inside volume (yd. ³ /ft.)
PP12	0.179"	22.60	0.0274
PP12	0.250"	31.37	0.0267
PP14	0.250"	36.71	0.0368
PP14	0.312"	45.61	0.0361



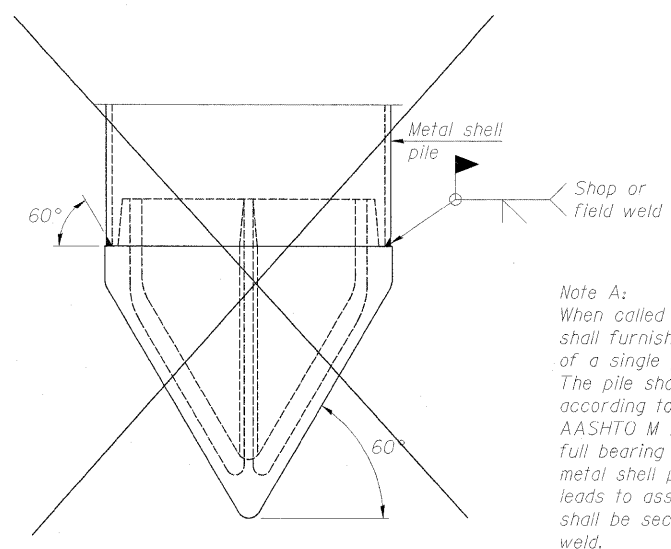
WELDED COMMERCIAL SPLICE



CONCRETE ENCASEMENT AT PIERS



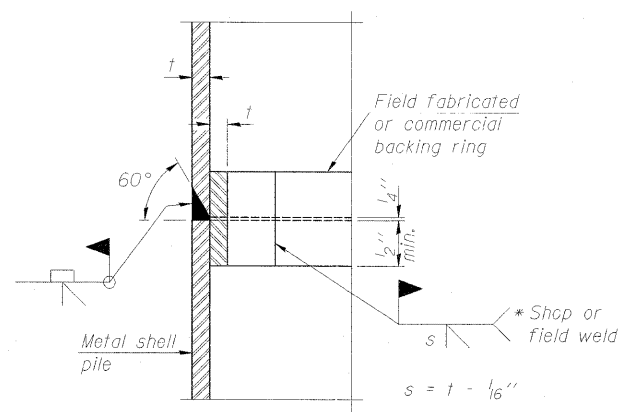
END PLATE ATTACHMENT



METAL SHELL PILE SHOE ATTACHMENT

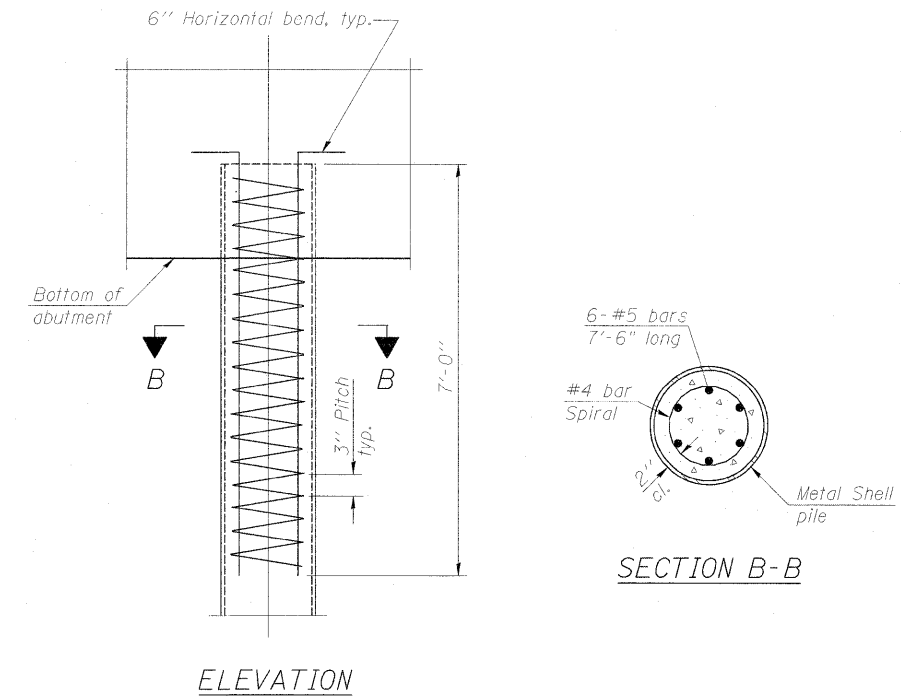
(See Note A)

Note A:
When called for on the plans, the Contractor shall furnish metal shell pile shoes consisting of a single piece conical pile point as shown. The pile shoes shall be cast in one piece steel according to either ASTM A 148 Grade 90-60 or AASHTO M 10.3 Grade 65-35 and shall provide full bearing over the full circumference of the metal shell pile. The pile shoe shall have tapered leads to assure proper alignment and fitting and shall be secured to the pile with a circumferential weld.



COMPLETE PENETRATION WELD SPLICE

* Field fabricated backing ring may be made from pile shell by removing segment to allow reducing circumference and vertically rejoin with partial joint penetration weld.



ELEVATION

METAL SHELL REINFORCEMENT AT ABUTMENTS

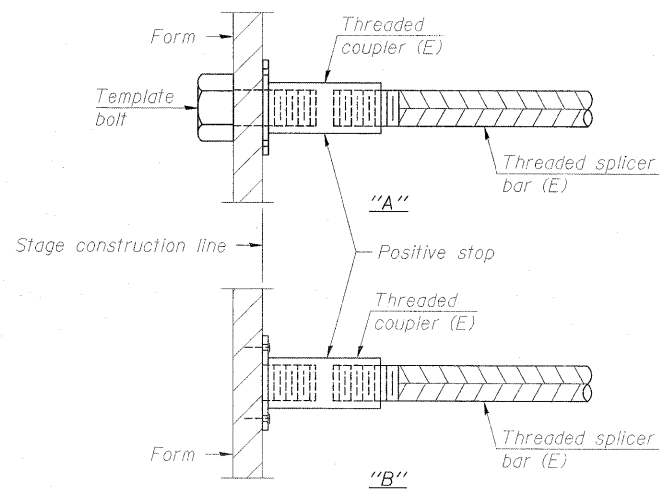
DESIGNED - JAN
CHECKED - BTO
DRAWN - JAN
CHECKED - BTO

Note:
The metal shell piles shall be according to ASTM A 252 Grade 3.

PILE DETAILS
STRUCTURE NO. 101-0177 & 101-0178

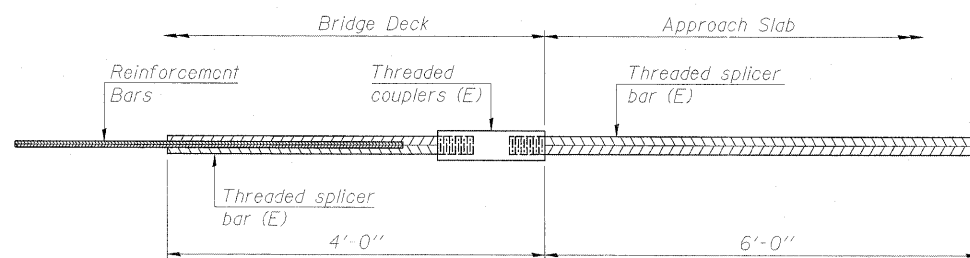
SHEET NO. 25 30 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	734	77-2B-1, 77-2-2	WINNEBAGO	530	297
CONTRACT NO. 64813					
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

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INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.
 "B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
 (E) : Indicates epoxy coating.



**BAR SPLICER ASSEMBLY FOR #5 BAR ON
INTEGRAL OR SEMI-INTEGRAL ABUTMENTS**

No. required = 78*

* One Structure only

DESIGNED - APH
CHECKED - JAW
DRAWN - APH
CHECKED - JAW

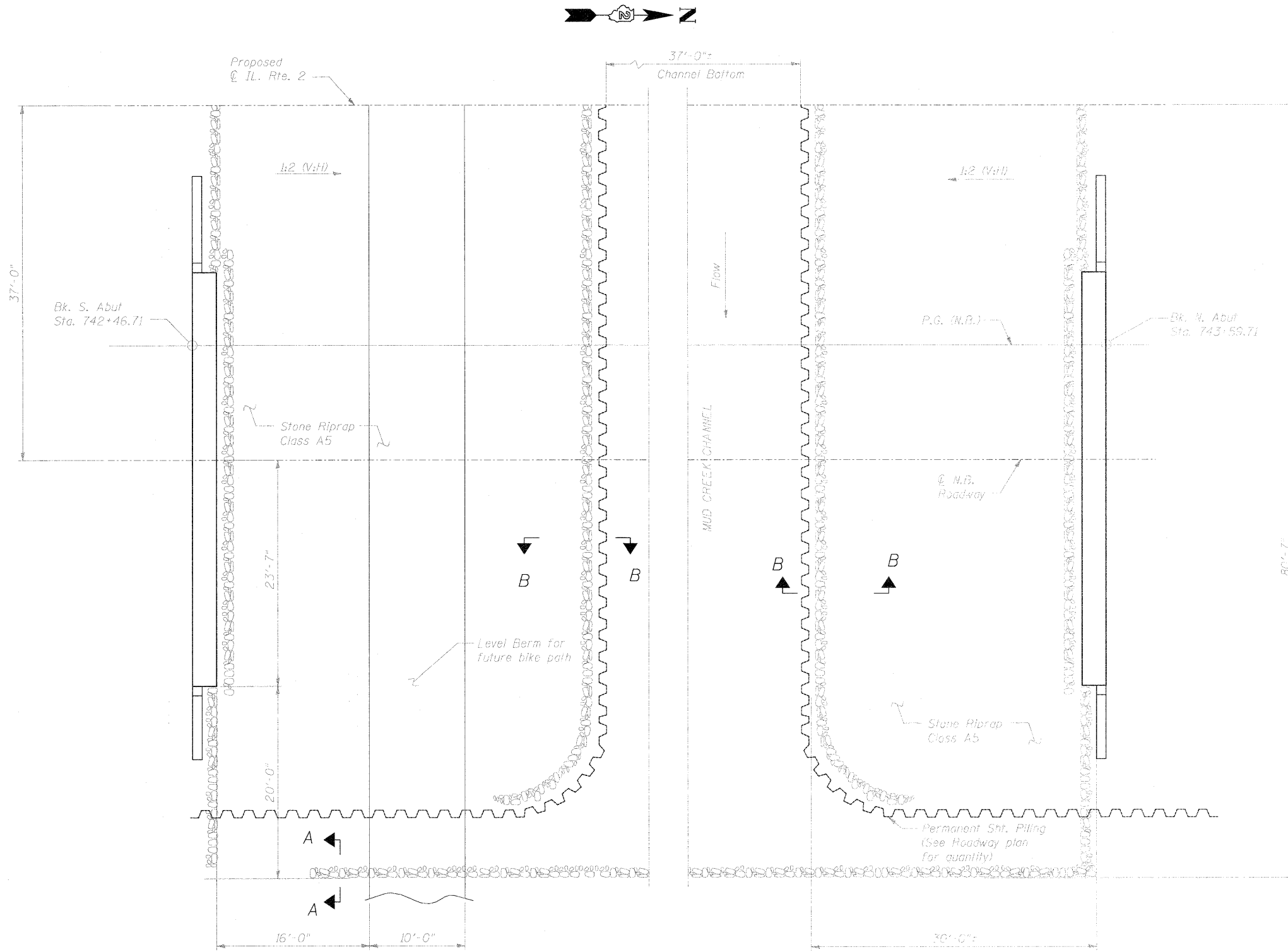
NOTES

Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.
 All reinforcement shall be lapped and tied to the splicer bars.
 Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.
 See special provision for Mechanical Splicers.
 See approved list of bar splicer assemblies and mechanical splicers for alternatives.

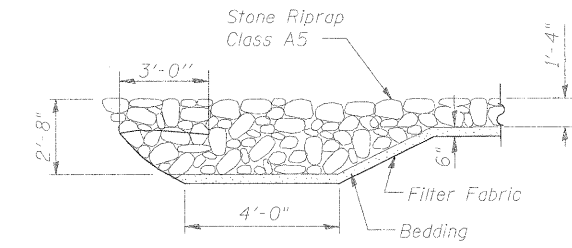
**BAR SPLICER ASSEMBLY
STRUCTURE NO. 101-0177 & 101-0178**

SHEET NO. 26 30 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	734	77-2B-1, 77-2-2	WINNEBAGO	530	298
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT		
CONTRACT NO. 64813					

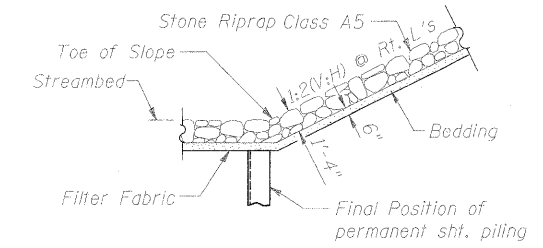
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SLOPE PROTECTION PLAN - NB



SECTION A-A



SECTION B-B

BILL OF MATERIAL

Item	Unit	Total
Stone Riprap, Class A5	SQ. YD.	1025
Filter Fabric	SQ. YD.	1025

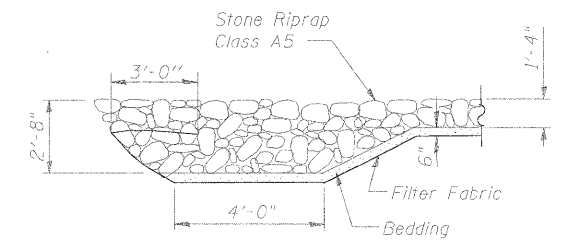
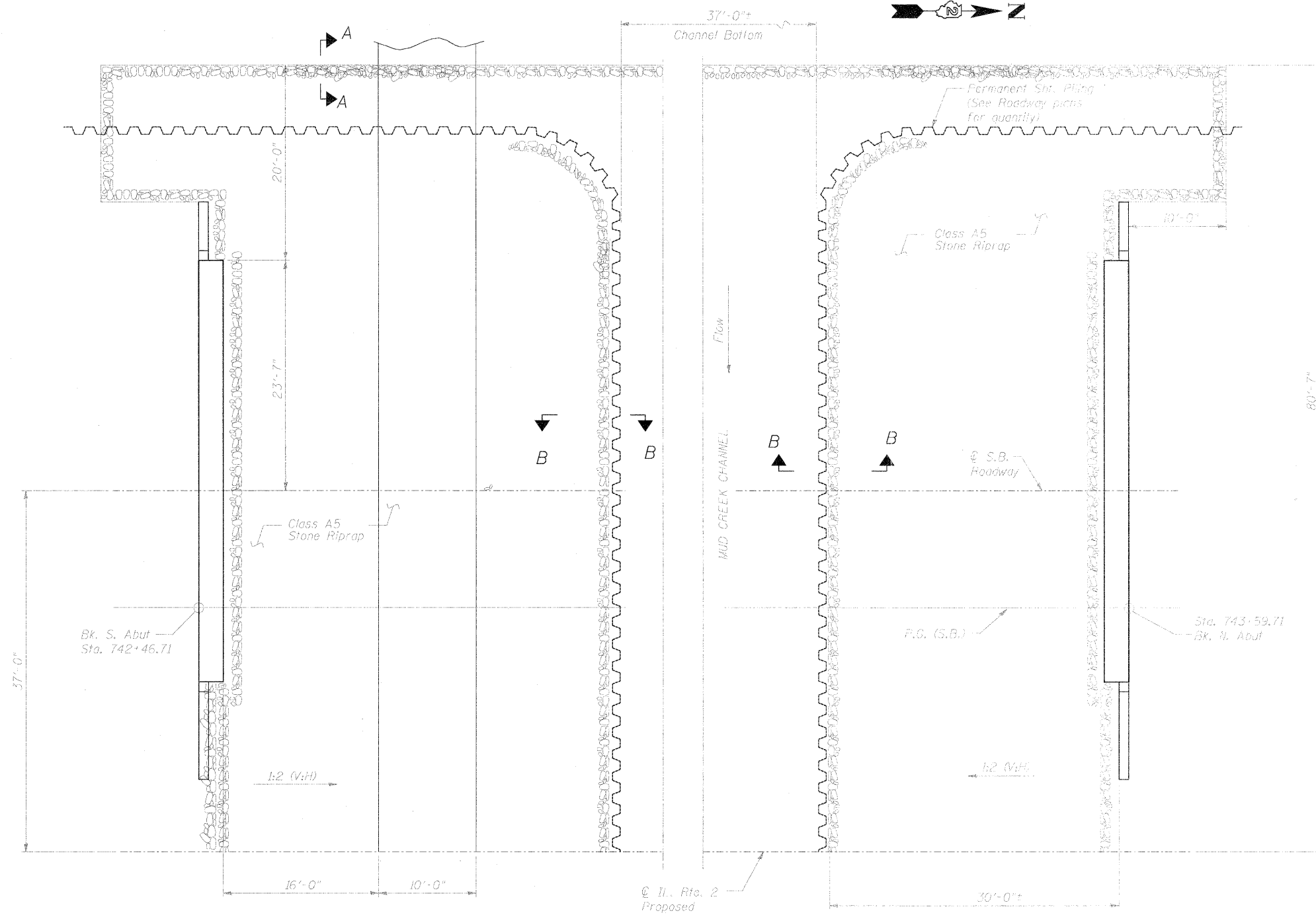
Notes: Work this sheet with sheet 28 of 30.
Layout of slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.

SLOPE PROTECTION NORTHBOUND
STRUCTURE NO. 101-0178

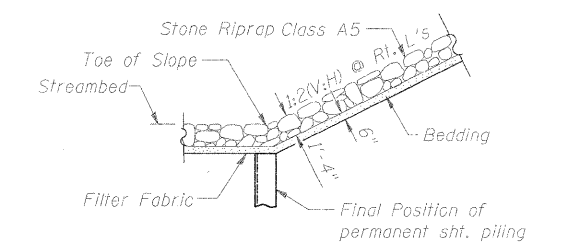
DESIGNED - BTO
CHECKED - JAW
DRAWN - BTO
CHECKED - JAN

SHEET NO. 27 30 SHEETS	F.A.P. RTE. 734	SECTION 77-2B-1, 77-2-2	COUNTY WINNEBAGO	TOTAL SHEETS 530	SHEET NO. 299
	CONTRACT NO. 64813				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SECTION A-A



SECTION B-B

BILL OF MATERIAL

Item	Unit	Total
Stone Riprap, Class A5	SQ. YD.	1050
Filter Fabric	SQ. YD.	1050

Note: Work this sheet with sheet 27 of 30.
Layout of the slope protection system may be varied in the field to suit ground conditions as directed by the engineer.

DESIGNED -	BTD
CHECKED -	JAW
DRAWN -	BTD
CHECKED -	JAN

SLOPE PROTECTION PLAN - SB

SLOPE PROTECTION SOUTHBOUND
STRUCTURE NO. 101-0177

SHEET NO. 28 30 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	734	77-2B-1, 77-2-2	WINNEBAGO	530	300
CONTRACT NO. 64813					
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			