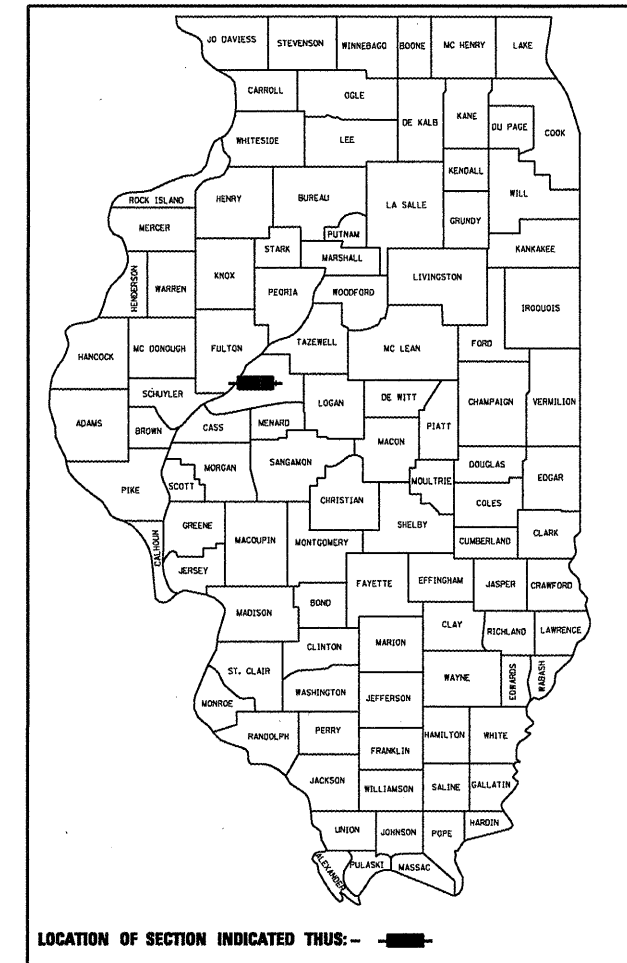


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(7,B)-I & (1)I-1, (2)I-2	MASON	34	1

D-96-194-10



LOCATION OF SECTION INDICATED THUS: - ■ -

A.D.T. = 2700 (2008) - 21% TRUCKS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED March 23 2010
Rep Z Dmby DISTRICT ENGINEER

May 7 2010
Scott E. Stitt, P.E. & Assoc. ENGINEER OF DESIGN AND ENVIRONMENT

May 7 2010
Christine M. Reed, P.E. DIRECTOR, DIVISION OF HIGHWAYS

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PROPOSED
HIGHWAY PLANS**

F.A.P. ROUTE 315 (US 136)
SECTION (7,B)-I & (1)I-1, (2)I-2
MASON COUNTY
C-96-194-10

PROJ. ACF-0315(059)

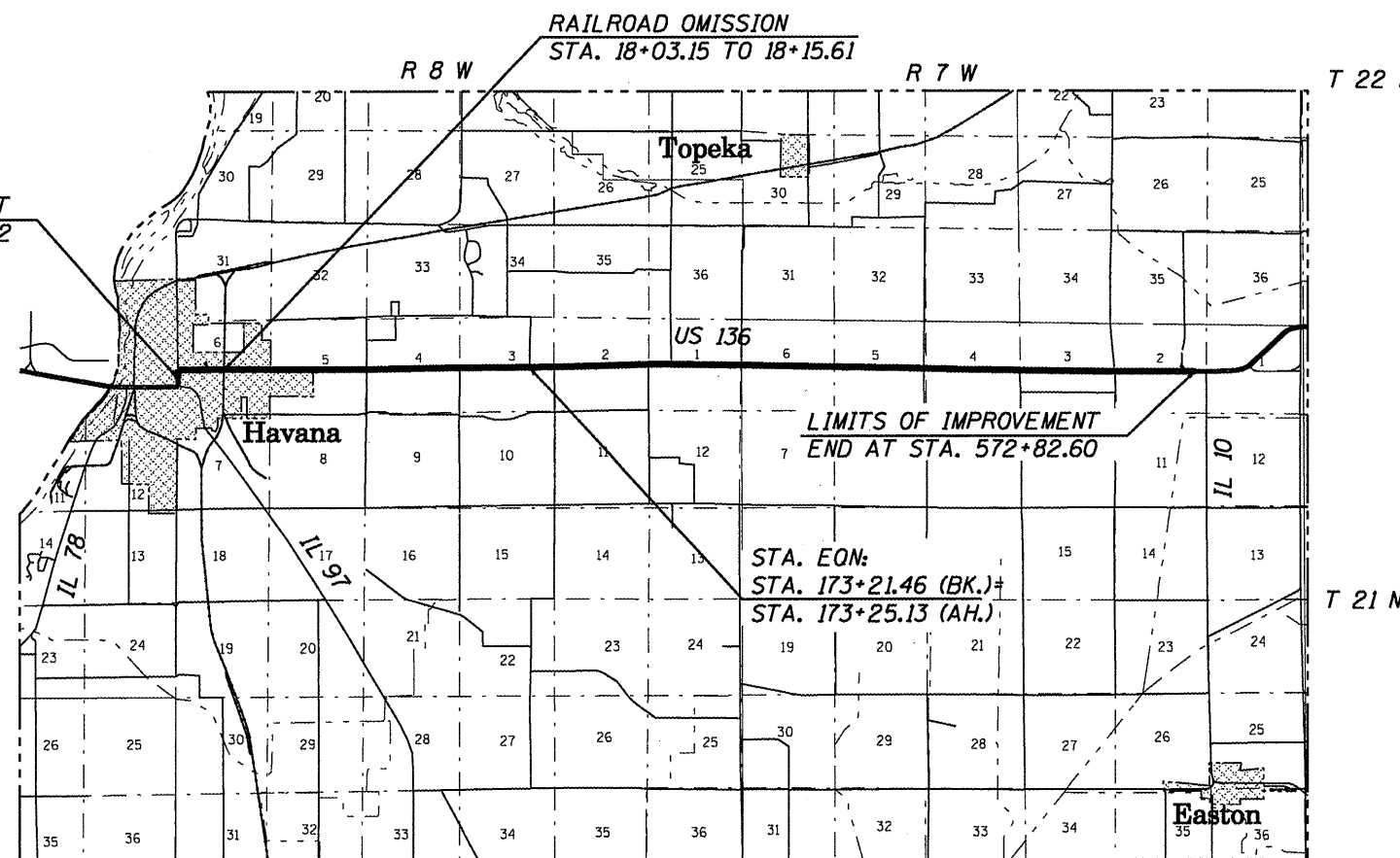
INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4-10 TYPICAL SECTIONS
- 11-14 SCHEDULE OF QUANTITIES
- 15-33 PLAN SHEETS
- 34 RUMBLE STRIP DETAILS

HIGHWAY STANDARDS

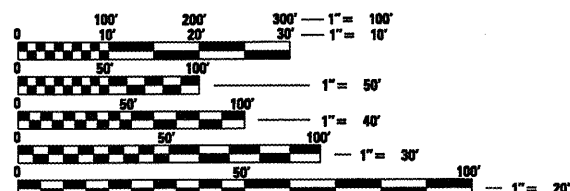
- 000001-05
- 701011-02
- 701201-03
- 701301-03
- 701306-02
- 701311-03
- 701326-03
- 701501-05
- 701901-01

LIMITS OF IMPROVEMENT
BEGINS AT STA. 9+15.52



LOCATION MAP

GROSS LENGTH = 56350.98 ft. = 10.67 mi.
NET LENGTH = 56,363.44 ft. = 10.67 mi.



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123

CONTRACT NO. 72D61

PROJECT ENGINEER: SAL MADONIA (217) 782-4761
TEAM LEADER: BRIAN LAMINGHAM (217) 524-0472

GENERAL NOTES:

1. THE CONTRACTOR SHALL PROVIDE ADEQUATE DRAINAGE FOR THE DURATION OF THIS PROJECT.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE JULIE NUMBER IS 800-892-0123. A MINIMUM OF FORTY-EIGHT HOURS ADVANCE NOTICE IS REQUIRED. ANY DAMAGE TO THE UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE, INCLUDING TEMPORARY REPAIRS WHICH MAY BE REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS.
3. THE THICKNESS OF HOT-MIX ASPHALT SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT IS PLACED.
4. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
5. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER LISTED ON THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
6. UNLESS NOTED OTHERWISE, STATIONS AND OFFSETS REFER TO CENTERLINE OF PROJECT.
7. IN ADDITION TO FIELD SURVEYS AND AERIAL SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF THE WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
8. THE FOLLOWING APPLICATION RATES HAVE BEEN USED TO CALCULATE PLAN QUANTITIES:
 AGGREGATE MATERIAL 2.05 TON/CU. YD.
9. NOTE TO ENGINEER: BE SURE TO GAP THE RUMBLE STRIP AT SIDEROADS, ENTRANCES AND MAILBOX TURNOUTS.

COMMITMENTS:

THERE ARE NO COMMITMENTS MADE FOR THIS PROJECT.

MIXTURE REQUIREMENTS	
LOCATION(S):	PROPOSED LT. & RT. SHLDRS.
MIXTURE USE(S):	HMA SHOULDERS
P.G.:	PG 58-22
DESIGN AIR VOIDS:	2.0% @ N DESIGN = 30
MIXTURE COMPOSITION: (GRADATION MIXTURE)	BAM (OTHER)
FRICTION AGGREGATE:	N / A

DISTRICT SIX	
EXAMINED <u>3-9</u>	20 <u>10</u>
<i>Chris Walker</i>	
OPERATIONS ENGINEER	
EXAMINED <u>MARCH 18</u>	20 <u>10</u>
<i>Jimmy F. Smith</i>	
PROGRAM IMPLEMENTATION ENGINEER	
EXAMINED <u>March 22</u>	20 <u>10</u>
<i>2RML</i>	
PROGRAM DEVELOPMENT ENGINEER	

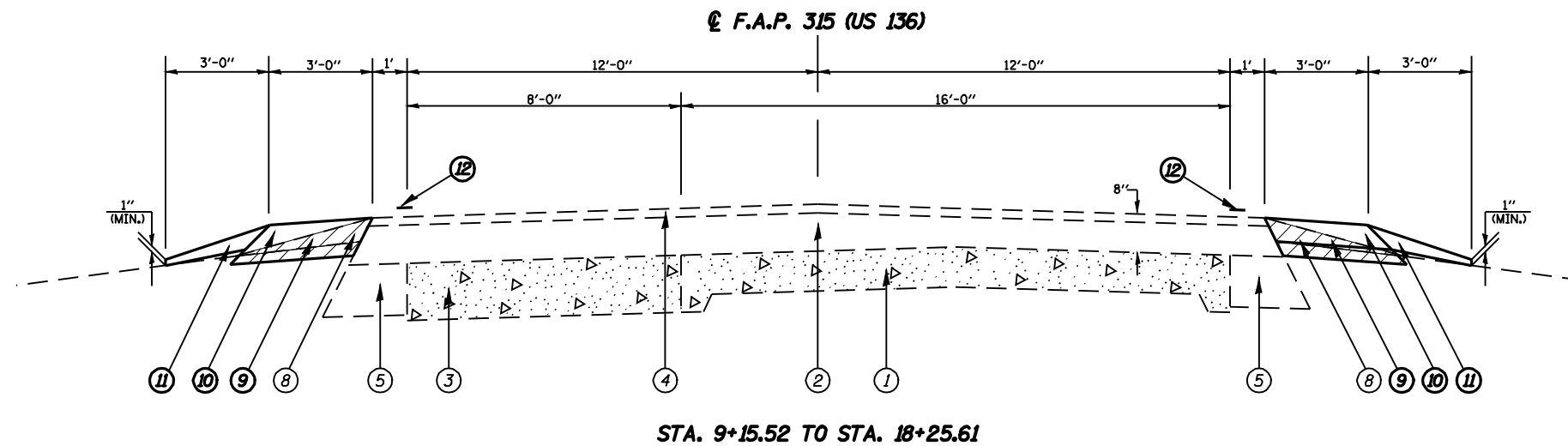
ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

LOCATION OF WORK				US 136 80% FED / 20% STATE
SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE
CODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	1000-2A
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	1,050.0	1,050.0
48101200	AGGREGATE SHOULDERS - TYPE B	TON	2,979.0	2,979.0
48203029	HOT MIX ASPHALT SHOULDERS, 8 INCH	SQ YD	34,962.0	34,962.0
64200105	SHOULDER RUMBLE STRIP, 8 INCH	FOOT	101,897.0	101,897.0
67000400	FIELD OFFICE, TYPE A	CAL MO	6.0	6.0
67100100	MOBILIZATION	L SUM	1.0	1.0
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1.0	1.0
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1.0	1.0
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1.0	1.0
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1.0	1.0
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	25.0	25.0
* 78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5 INCH	FOOT	4,150.0	4,150.0
* 78001120	PAINT PAVEMENT MARKING - LINE 5 INCH	FOOT	136,850.0	136,850.0
78300100	PAVEMENT MARKING REMOVAL	SQ FT	2,068.0	2,068.0
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1.0	1.0

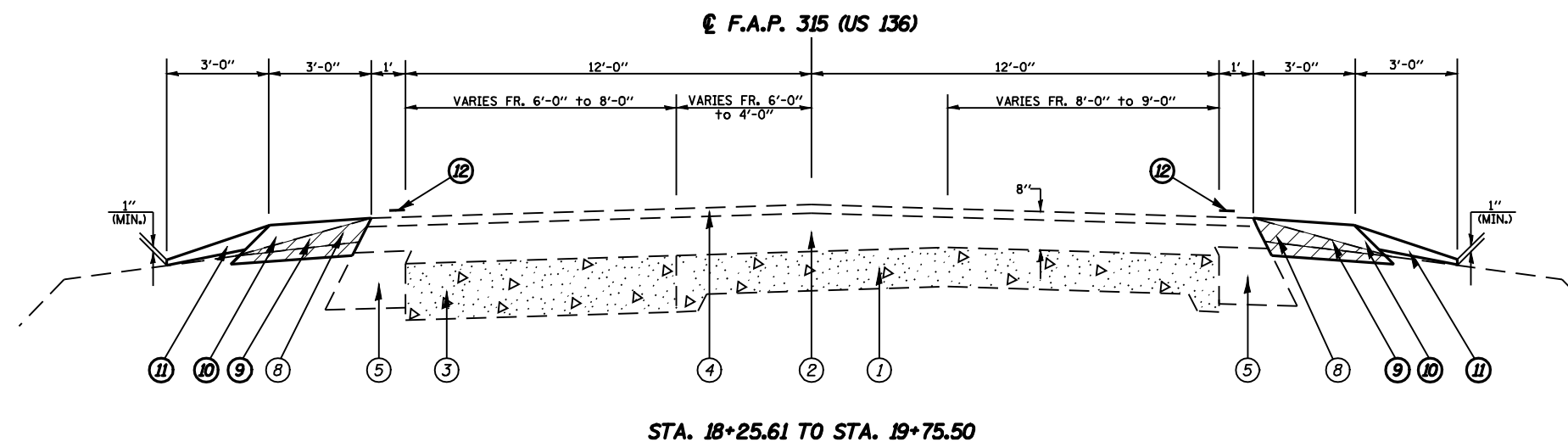
FILE NAME =	USER NAME = laughlinc1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES F.A.P. 315 (US 136)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
est:\pvc\work\VPWIDOT\LAUGHLIN\RL\08182895\72061-shr-soq.dgn		DRAWN -	REVISED -			315	(7,B)-I & (1)I-1, (2)I-2	MASON	34	3	
PLOT SCALE = 40,0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 72061					
PLOT DATE = Mar-26-2010 09:38:51AM		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

** Specialty Items Rev.*



RAILROAD OMISSION:
STA 18+03.15 TO STA 18+15.61

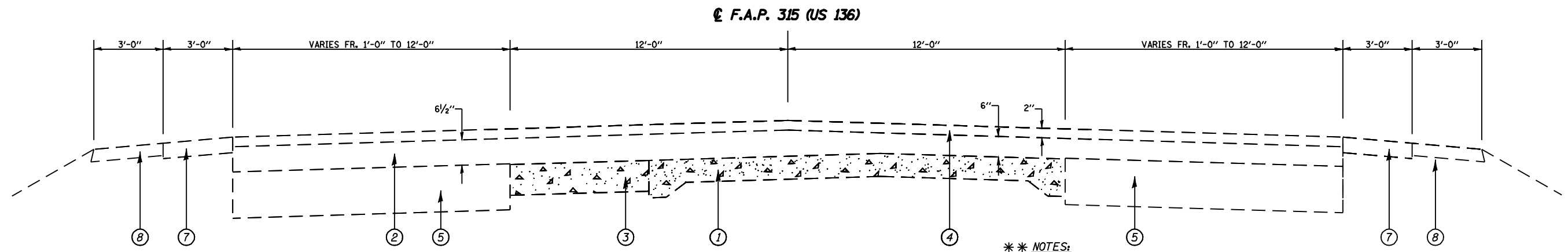
- LEGEND**
- ① EXISTING P.C.C. PAVEMENT
 - ② EXISTING BITUMINOUS BASE
 - ③ EXISTING P.C.C. BASE COURSE
 - ④ EXISTING BITUMINOUS OVERLAY
 - ⑤ EXISTING WIDENING
 - ⑥ EXISTING GUTTER TYPE B
 - ⑦ EXISTING BITUMINOUS SHOULDER 4"
 - ⑧ EXISTING AGGREGATE SHOULDER, TYPE B
 - ⑨ PROPOSED EXCAVATING & GRADING EXISTING SHOULDER
 - ⑩ PROPOSED HOT-MIX ASPHALT SHOULDER, 8"
 - ⑪ PROPOSED AGGREGATE SHOULDER, TYPE B
 - ⑫ PROPOSED THERMOPLASTIC PAVEMENT MARKING - LINE 5"
 - ⑬ PROPOSED PAINT PAVEMENT MARKING - LINE 5"
 - ⑭ PROPOSED RUMBLE STRIP, 8"



NOT TO SCALE

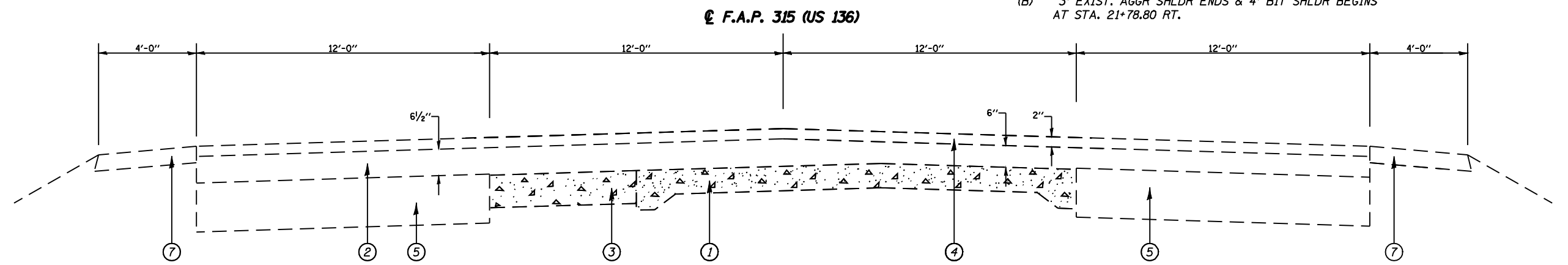
TYPICAL SECTIONS
 F.A.P. Route 315 (US 136)
 Section (7,B)-1 & (1)I-1, (2)I-2
 MASON COUNTY

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS F.A.P. 315 (US 136)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pwork\pwork\LAUGHLINRL\0182895\0672061-sh-typical.dgn		DRAWN -	REVISED -		315	(7,B)-1 & (1)I-1, (2)I-2	MASON	34	4				
PLOT SCALE = 6.0000' / IN.		CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 72061				
PLOT DATE = Mar-25-2010 11:57:01AM		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



STA. 19+75.50 TO STA. 24+08.80

- ** NOTES:**
- (A) 3' EXIST. AGGR SHLDR ENDS & 4' BIT SHLDR BEGINS AT STA. 24+83.40 LT.
 - (B) 3' EXIST. AGGR SHLDR ENDS & 4' BIT SHLDR BEGINS AT STA. 21+78.80 RT.



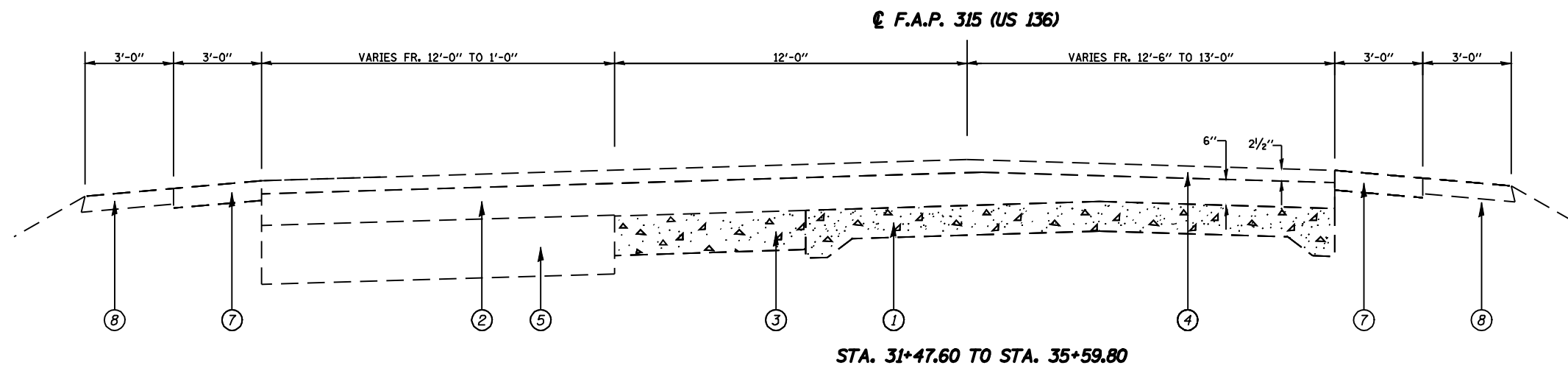
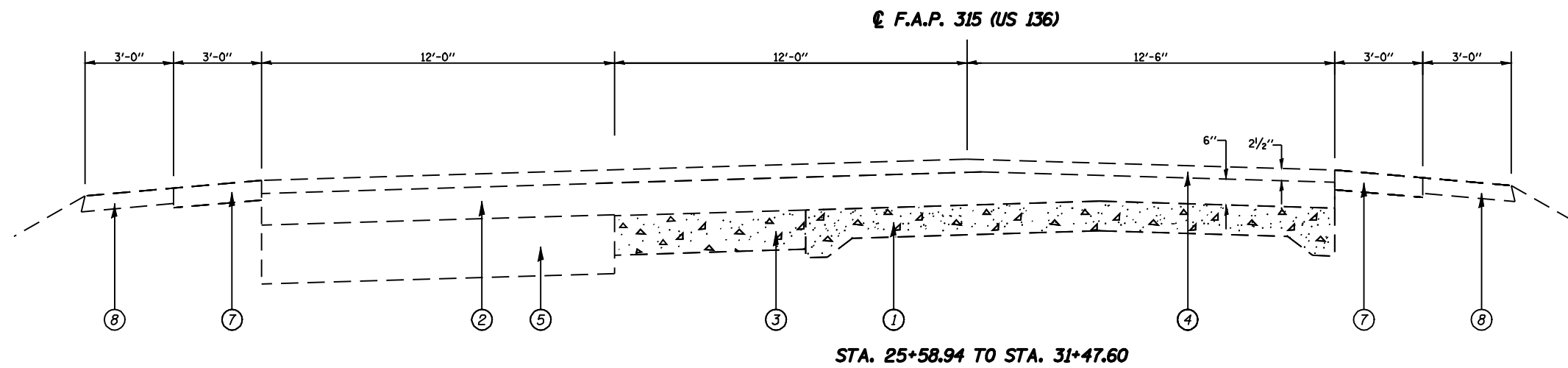
STA. 24+08.80 TO STA. 26+58.94

NOT TO SCALE

TYPICAL SECTIONS
 F.A.P. Route 315 (US 136)
 Section (7,B)-1 & (1)I-1, (2)I-2
 MASON COUNTY

LEGEND			
①	EXISTING P.C.C. PAVEMENT		
②	EXISTING BITUMINOUS BASE		
③	EXISTING P.C.C. BASE COURSE		
④	EXISTING BITUMINOUS OVERLAY		
⑤	EXISTING WIDENING		
⑥	EXISTING GUTTER TYPE B		
⑦	EXISTING BITUMINOUS SHOULDER 4"		
⑧	EXISTING AGGREGATE SHOULDER, TYPE B		
⑨	PROPOSED EXCAVATING & GRADING EXISTING SHOULDER		
⑩	PROPOSED HOT-MIX ASPHALT SHOULDER, 8"		
⑪	PROPOSED AGGREGATE SHOULDER, TYPE B		
⑫	PROPOSED THERMOPLASTIC PAVEMENT MARKING - LINE 5"		
⑬	PROPOSED PAINT PAVEMENT MARKING - LINE 5"		
⑭	PROPOSED RUMBLE STRIP, 8"		

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS F.A.P. 315 (US 136)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
er\pwwork\pwwid\LAUGHLINRL\0182895\0672D61-sh-typical.dgn	DRAWN -	REVISED -	315					(7,B)-I & (1)I-1, (2)I-2	MASON	34	5	
PLOT SCALE = 6.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 72D61									
PLOT DATE = Mar-25-2010 11:57:03AM	DATE -	REVISED -	SCALE:		SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			



NOT TO SCALE

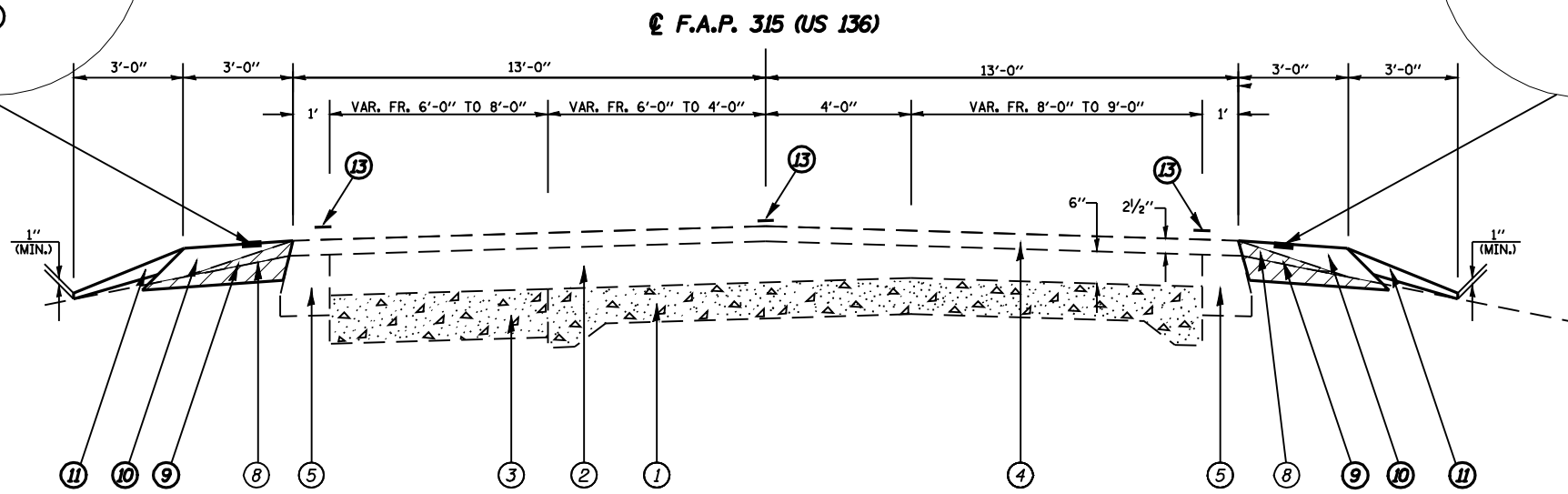
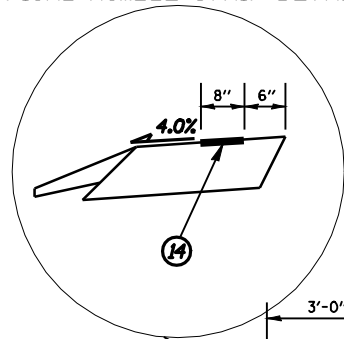
TYPICAL SECTIONS
 F.A.P. Route 315 (US 136)
 Section (7,B)-1 & (1)I-1, (2)I-2
 MASON COUNTY

LEGEND

- ① EXISTING P.C.C. PAVEMENT
- ② EXISTING BITUMINOUS BASE
- ③ EXISTING P.C.C. BASE COURSE
- ④ EXISTING BITUMINOUS OVERLAY
- ⑤ EXISTING WIDENING
- ⑥ EXISTING GUTTER TYPE B
- ⑦ EXISTING BITUMINOUS SHOULDER 4"
- ⑧ EXISTING AGGREGATE SHOULDER, TYPE B
- ⑨ PROPOSED EXCAVATING & GRADING EXISTING SHOULDER
- ⑩ PROPOSED HOT-MIX ASPHALT SHOULDER, 8"
- ⑪ PROPOSED AGGREGATE SHOULDER, TYPE B
- ⑫ PROPOSED THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ⑬ PROPOSED PAINT PAVEMENT MARKING - LINE 5"
- ⑭ PROPOSED RUMBLE STRIP, 8"

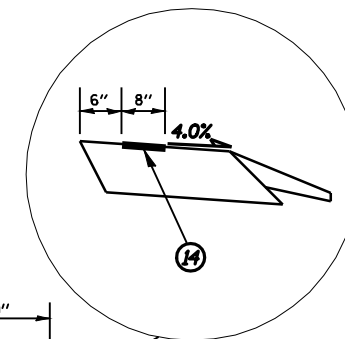
FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS F.A.P. 315 (US 136)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
er\pwwork\pwwid\LAUGHLINRL\0182895\0672D61-sh-typical.dgn		DRAWN -	REVISED -		315	(7,B)-1 & (1)I-1, (2)I-2	MASON	34	6			
PLOT SCALE = 6.0000' / IN.		CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 72D61				
PLOT DATE = Mar-25-2010 11:57:05AM		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

TYPICAL RUMBLE STRIP DETAIL

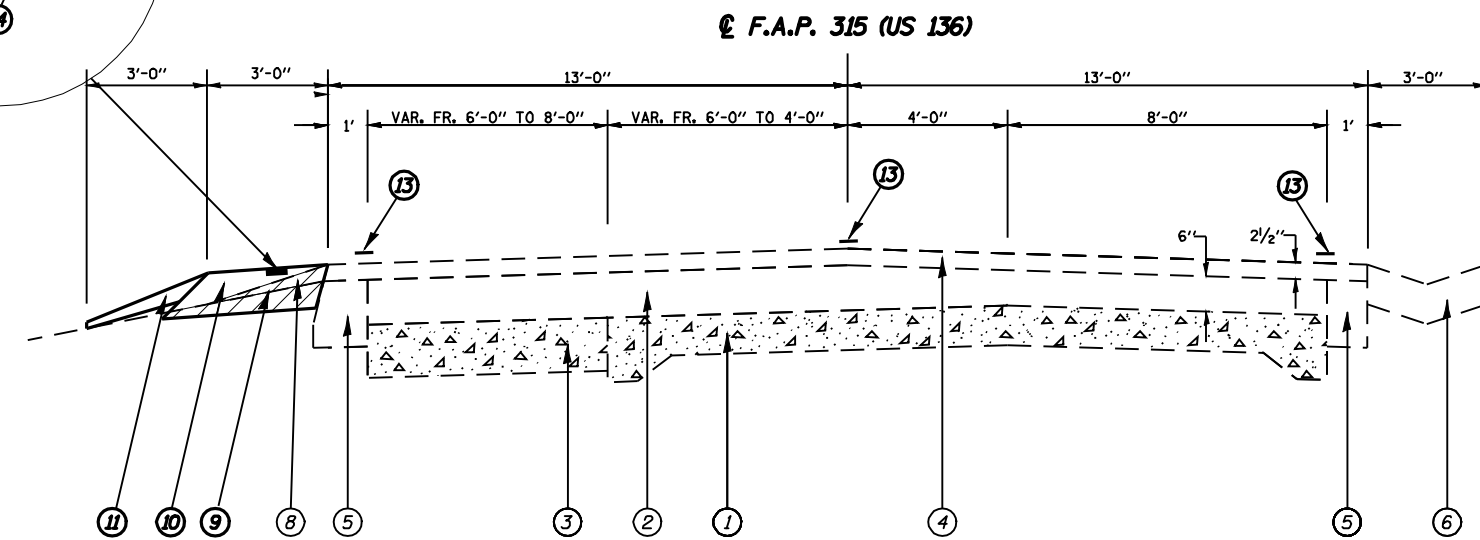
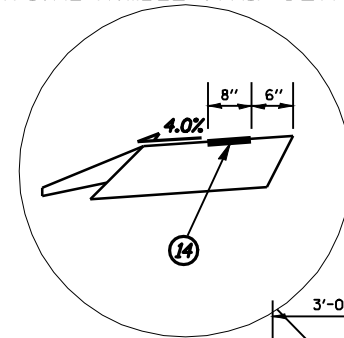


STA. 35+59.80 TO STA. 51+22.00
STA. 59+50.00 TO STA. 80+00.00

TYPICAL RUMBLE STRIP DETAIL



TYPICAL RUMBLE STRIP DETAIL



STA. 51+22.00 TO STA. 59+50.00

LEGEND

- ① EXISTING P.C.C. PAVEMENT
- ② EXISTING BITUMINOUS BASE
- ③ EXISTING P.C.C. BASE COURSE
- ④ EXISTING BITUMINOUS OVERLAY
- ⑤ EXISTING WIDENING
- ⑥ EXISTING GUTTER TYPE B
- ⑦ EXISTING BITUMINOUS SHOULDER 4"
- ⑧ EXISTING AGGREGATE SHOULDER, TYPE B
- ⑨ PROPOSED EXCAVATING & GRADING EXISTING SHOULDER
- ⑩ PROPOSED HOT-MIX ASPHALT SHOULDER, 8"
- ⑪ PROPOSED AGGREGATE SHOULDER, TYPE B
- ⑫ PROPOSED THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ⑬ PROPOSED PAINT PAVEMENT MARKING - LINE 5"
- ⑭ PROPOSED RUMBLE STRIP, 8"

NOT TO SCALE

TYPICAL SECTIONS

F.A.P. Route 315 (US 136)
Section (7,B)-1 & (1)I-1, (2)I-2
MASON COUNTY

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
er:\pwork\pwork\LAUGHLINRL\0182895\0672061-ah-typical.dgn		DRAWN -	REVISED -
PLOT SCALE = 6.0000 ' / IN.		CHECKED -	REVISED -
PLOT DATE = Mar-25-2010 11:57:08AM		DATE -	REVISED -

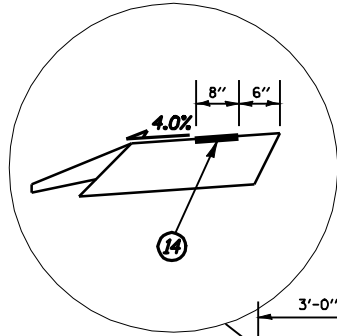
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
F.A.P. (US 136)

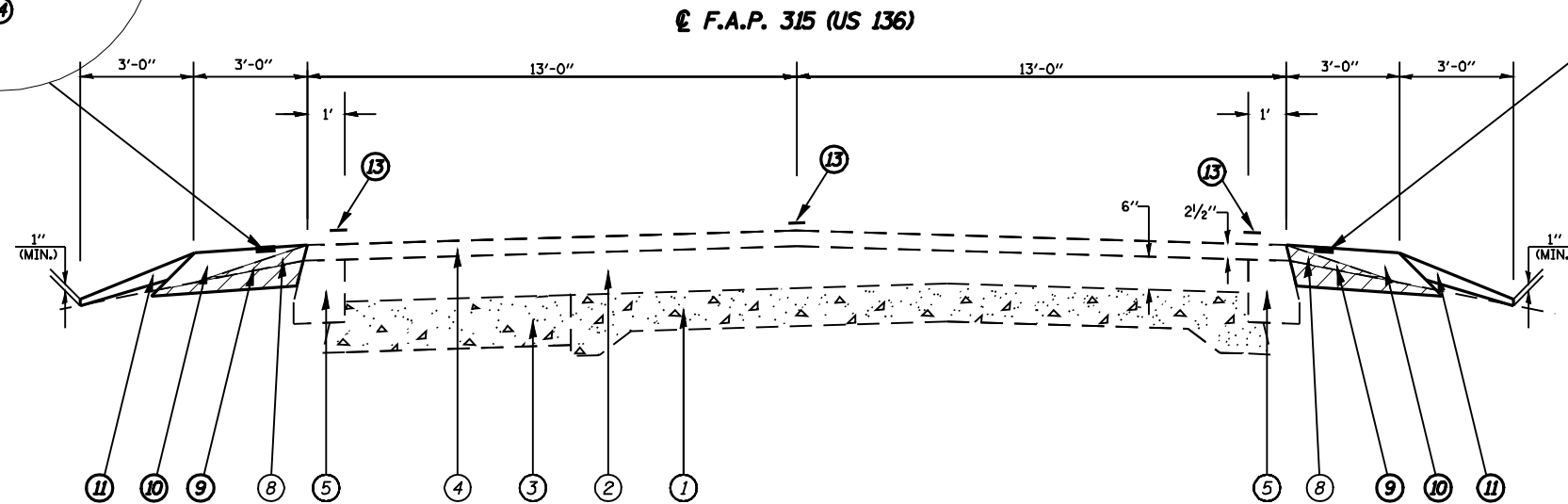
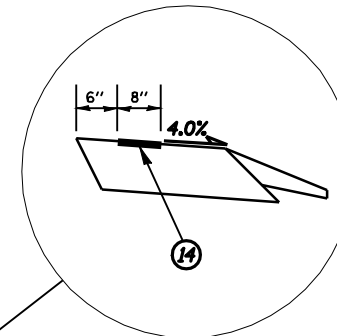
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(7,B)-1 & (1)I-1, (2)I-2	MASON	34	7
CONTRACT NO. 72D61				
ILLINOIS FED. AID PROJECT				

TYPICAL RUMBLE STRIP DETAIL



TYPICAL RUMBLE STRIP DETAIL



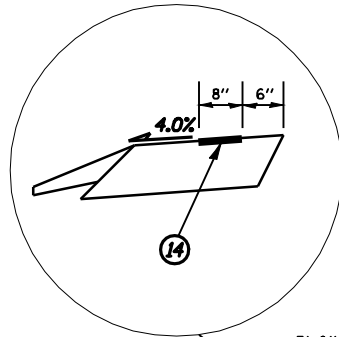
STA. 80+00.00 TO STA. 82+75.00
 STA. 150+00.00 TO STA. 151+75.00
 STA. 167+87.00 TO STA. 173+21.46
 STA. 173+25.13 TO STA. 198+00.00
 STA. 422+00.00 TO STA. 572+47.60

STA EQN #1
 STA 173+21.46 (BK) =
 STA 173+25.13 (AH)

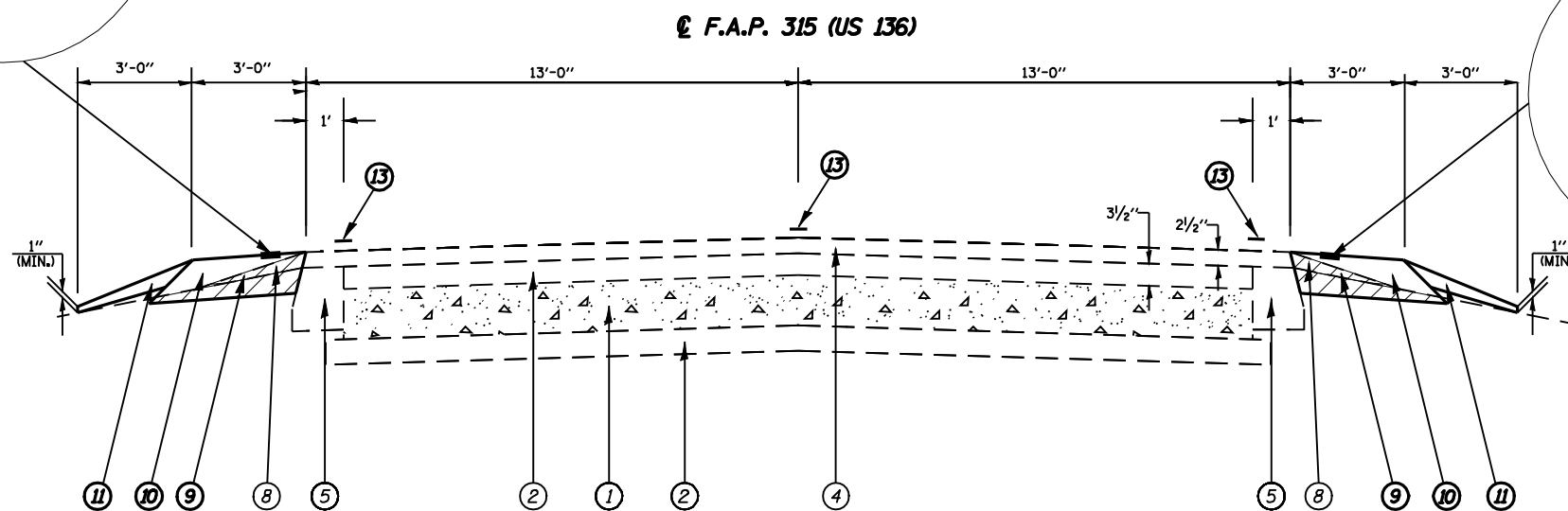
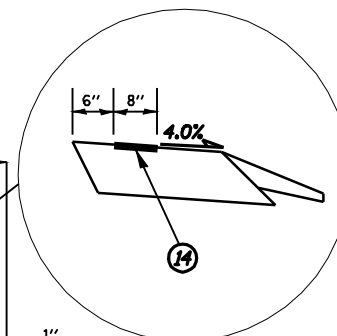
LEGEND

- ① EXISTING P.C.C. PAVEMENT
- ② EXISTING BITUMINOUS BASE
- ③ EXISTING P.C.C. BASE COURSE
- ④ EXISTING BITUMINOUS OVERLAY
- ⑤ EXISTING WIDENING
- ⑥ EXISTING GUTTER TYPE B
- ⑦ EXISTING BITUMINOUS SHOULDER 4"
- ⑧ EXISTING AGGREGATE SHOULDER, TYPE B
- ⑨ PROPOSED EXCAVATING & GRADING EXISTING SHOULDER
- ⑩ PROPOSED HOT-MIX ASPHALT SHOULDER, 8"
- ⑪ PROPOSED AGGREGATE SHOULDER, TYPE B
- ⑫ PROPOSED THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ⑬ PROPOSED PAINT PAVEMENT MARKING - LINE 5"
- ⑭ PROPOSED RUMBLE STRIP, 8"

TYPICAL RUMBLE STRIP DETAIL



TYPICAL RUMBLE STRIP DETAIL



STA. 82+75.00 TO STA. 150+00.00
 STA. 151+75.00 TO STA. 167+87.00

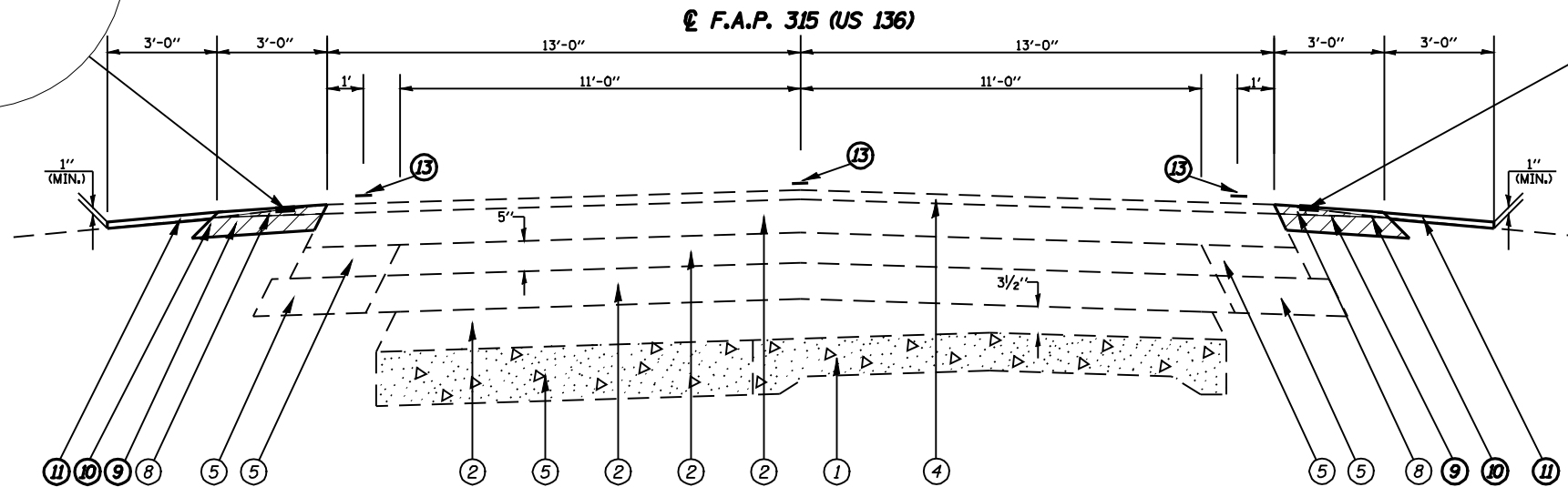
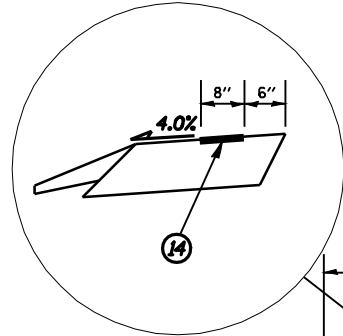
NOT TO SCALE

TYPICAL SECTIONS

F.A.P. Route 315 (US 136)
 Section (7,B)-1 & (1)I-1, (2)I-2
 MASON COUNTY

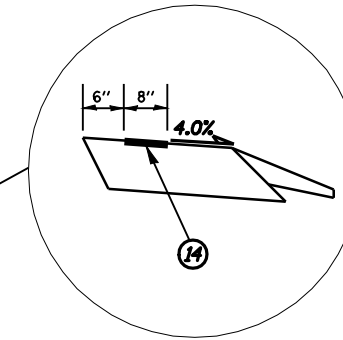
FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS F.A.P. 315 (US 136)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
er:\pwork\PWIDOT\LAUGHLINRL\0182895\0672061-sh-typical.dgn	DRAWN -	REVISED -	315					(7,B)-I & (1)I-1, (2)I-2	MASON	34	8	
PLOT SCALE = 6.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 72D61									
PLOT DATE = Mar-25-2010 11:57:10AM	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									
				SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.				

TYPICAL RUMBLE STRIP DETAIL



STA. 198+00.00 TO STA. 201+00.00
 STA. 207+00.00 TO STA. 212+00.00
 STA. 288+00.00 TO STA. 307+00.00
 STA. 330+75.00 TO STA. 340+75.00
 STA. 370+50.00 TO STA. 374+26.00
 STA. 386+52.00 TO STA. 392+00.00
 STA. 408+50.00 TO STA. 414+83.00

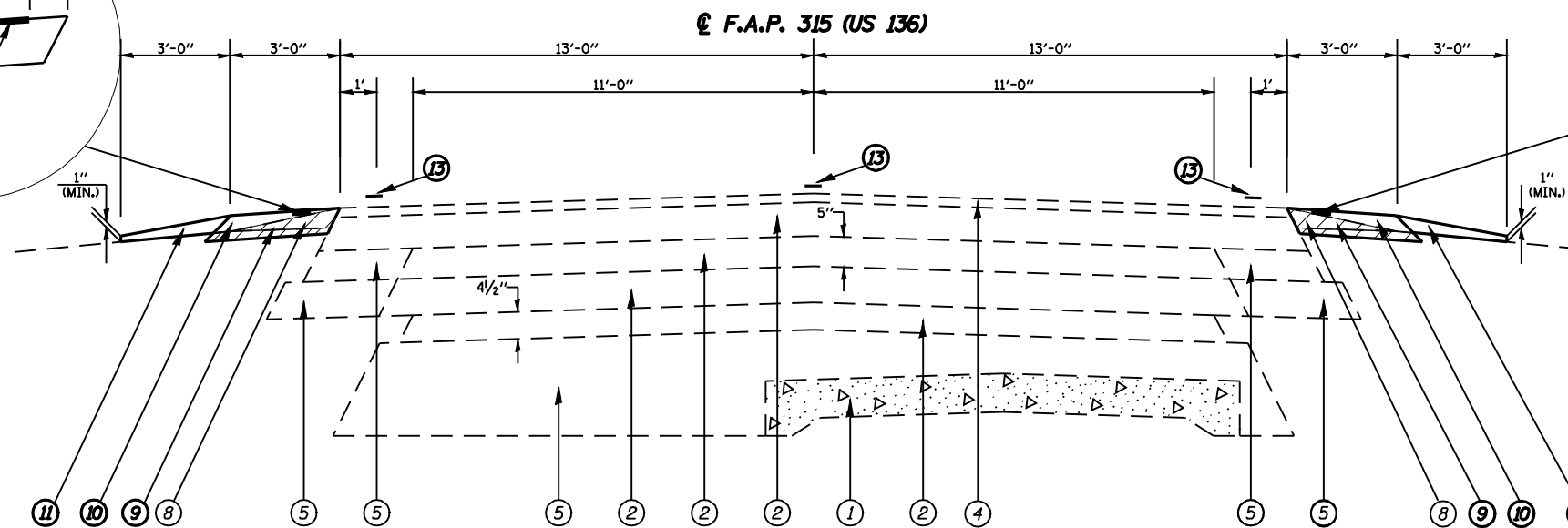
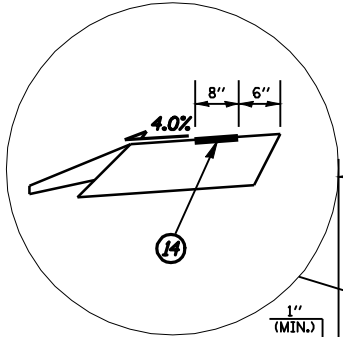
TYPICAL RUMBLE STRIP DETAIL



LEGEND

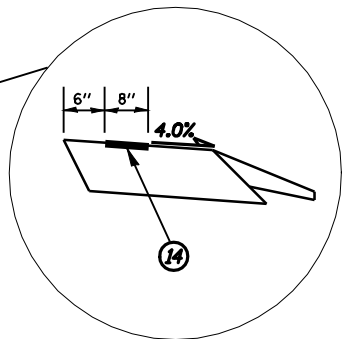
- ① EXISTING P.C.C. PAVEMENT
- ② EXISTING BITUMINOUS BASE
- ③ EXISTING P.C.C. BASE COURSE
- ④ EXISTING BITUMINOUS OVERLAY
- ⑤ EXISTING WIDENING
- ⑥ EXISTING GUTTER TYPE B
- ⑦ EXISTING BITUMINOUS SHOULDER 4"
- ⑧ EXISTING AGGREGATE SHOULDER, TYPE B
- ⑨ PROPOSED EXCAVATING & GRADING EXISTING SHOULDER
- ⑩ PROPOSED HOT-MIX ASPHALT SHOULDER, 8"
- ⑪ PROPOSED AGGREGATE SHOULDER, TYPE B
- ⑫ PROPOSED THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ⑬ PROPOSED PAINT PAVEMENT MARKING - LINE 5"
- ⑭ PROPOSED RUMBLE STRIP, 8"

TYPICAL RUMBLE STRIP DETAIL



STA. 201+00.00 TO STA. 207+00.00
 STA. 374+26.00 TO STA. 386+52.00
 STA. 414+83.00 TO STA. 422+00.00

TYPICAL RUMBLE STRIP DETAIL



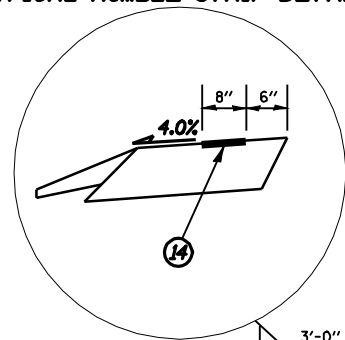
NOT TO SCALE

TYPICAL SECTIONS

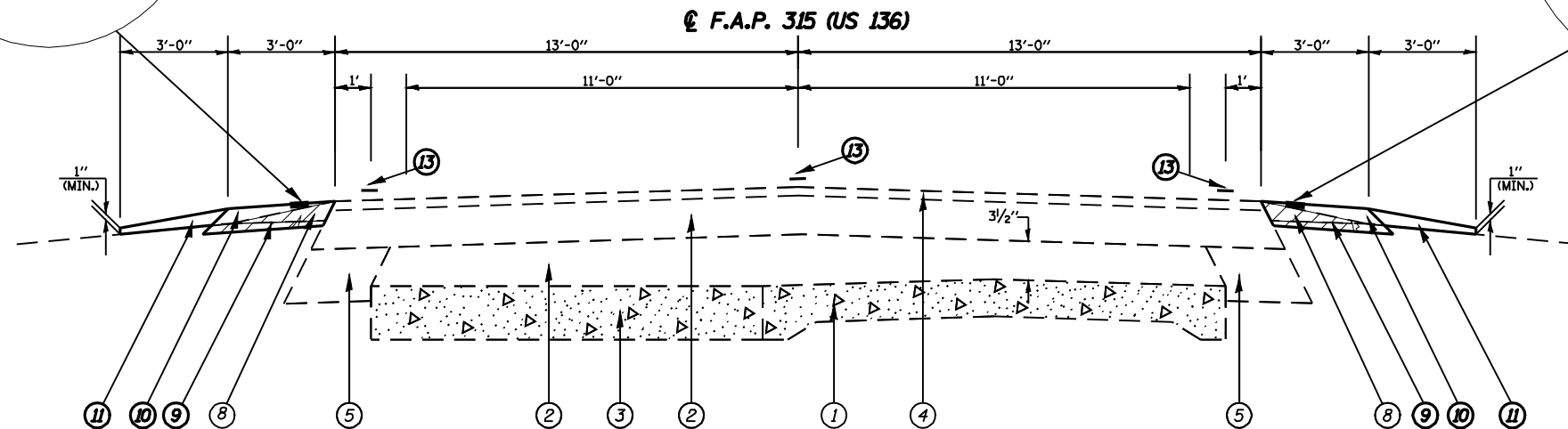
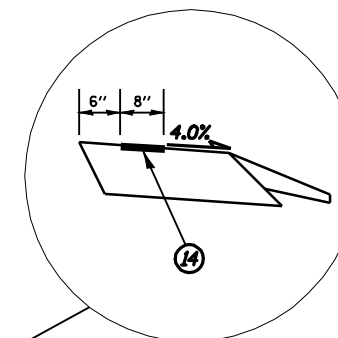
F.A.P. Route 315 (US 136)
 Section (7,B)-1 & (1)I-1, (2)I-2
 MASON COUNTY

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS F.A.P. 315 (US 136)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
er:\pwork\pwork\LAUGHLINRL\0182895\0672D61-sh-typical.dgn	PLOT SCALE = 6.0000' / IN.	DRAWN -	REVISED -					315	(7,B)-I & (1)I-1, (2)I-2	MASON	34	9
PLOT DATE = Mar-25-2010 11:57:12AM	DATE -	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 72D61				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

TYPICAL RUMBLE STRIP DETAIL



TYPICAL RUMBLE STRIP DETAIL

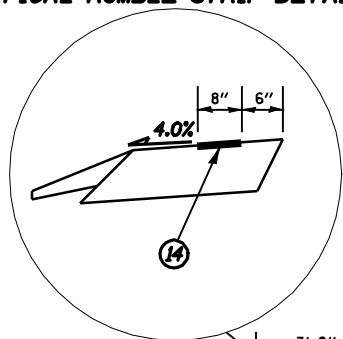


STA. 212+00.00 TO STA. 288+00.00
STA. 307+00.00 TO STA. 311+83.00
STA. 327+26.00 TO STA. 330+75.00
STA. 340+75.00 TO STA. 370+50.00
STA. 392+00.00 TO STA. 408+50.00

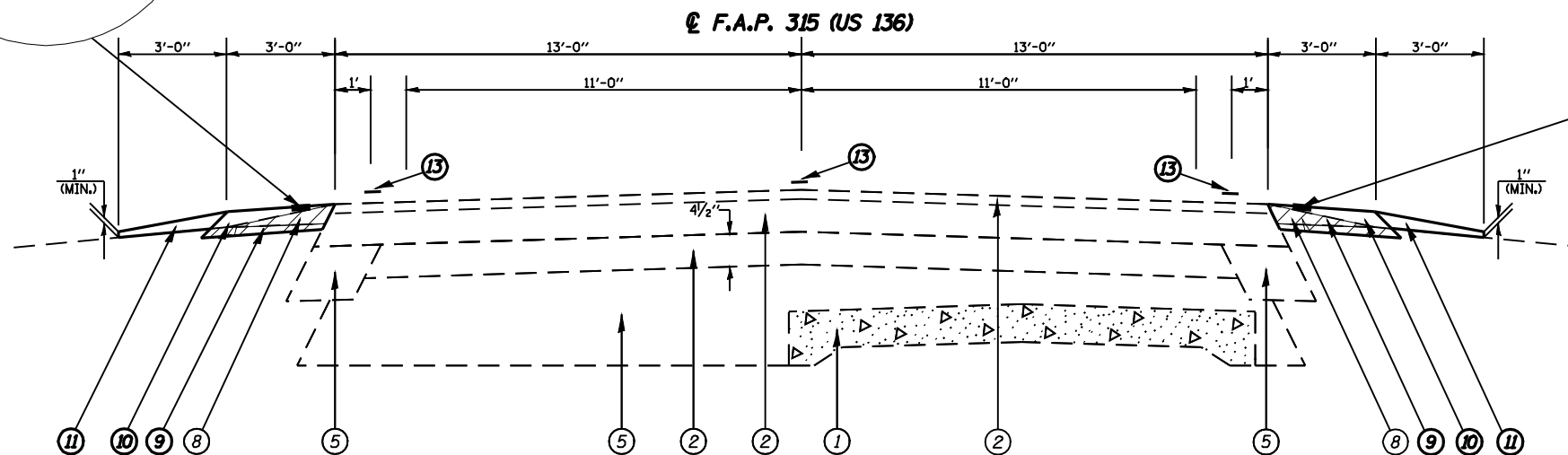
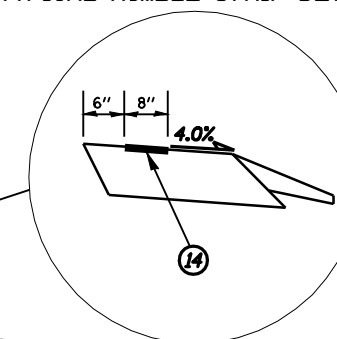
LEGEND

- ① EXISTING P.C.C. PAVEMENT
- ② EXISTING BITUMINOUS BASE
- ③ EXISTING P.C.C. BASE COURSE
- ④ EXISTING BITUMINOUS OVERLAY
- ⑤ EXISTING WIDENING
- ⑥ EXISTING GUTTER TYPE B
- ⑦ EXISTING BITUMINOUS SHOULDER 4"
- ⑧ EXISTING AGGREGATE SHOULDER, TYPE B
- ⑨ PROPOSED EXCAVATING & GRADING EXISTING SHOULDER
- ⑩ PROPOSED HOT-MIX ASPHALT SHOULDER, 8"
- ⑪ PROPOSED AGGREGATE SHOULDER, TYPE B
- ⑫ PROPOSED THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ⑬ PROPOSED PAINT PAVEMENT MARKING - LINE 5"
- ⑭ PROPOSED RUMBLE STRIP, 8"

TYPICAL RUMBLE STRIP DETAIL



TYPICAL RUMBLE STRIP DETAIL



STA. 311+83.00 TO STA. 327+26.00

NOT TO SCALE

TYPICAL SECTIONS

F.A.P. Route 315 (US 136)
Section (7,B)-1 & (1)I-1, (2)I-2
MASON COUNTY

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
er:\pwork\pwidot\LAUGHLINRL\0182895\0672061-sh-typical.dgn		DRAWN -	REVISED -
PLOT SCALE = 6.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = Mar-25-2010 11:57:14AM		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
F.A.P. 315 (US 136)**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(7,B)-I & (1)I-1, (2)I-2	MASON	34	10
CONTRACT NO. 72D61				
ILLINOIS FED. AID PROJECT				

EXCAVATING AND GRADING EXISTING SHOULDER					UNIT
LOCATION	STATION	TO	STATION	LENGTH (FT)	UNIT
EB	9+15.52	TO	18+03.15	887.6	8.9
EB	18+15.61	TO	19+75.5	159.9	1.6
EB	35+59.8	TO	40+90.96	531.2	5.3
EB	41+33.96	TO	51+21.6	987.6	9.9
EB	59+78.19	TO	64+66.25	488.1	4.9
EB	65+14.25	TO	68+53.48	339.2	3.4
EB	68+96.48	TO	71+75.13	278.7	2.8
EB	72+36.98	TO	77+55.61	518.6	5.2
EB	78+14.7	TO	82+25.36	410.7	4.1
EB	83+02.65	TO	85+50.11	247.5	2.5
EB	85+91.11	TO	91+80.48	589.4	5.9
EB	92+00.48	TO	98+32.84	632.4	6.3
EB	98+86.79	TO	116+80.67	1,793.9	17.9
EB	117+24.67	TO	121+12.	387.3	3.9
EB	121+40.	TO	123+53.74	213.7	2.1
EB	123+73.74	TO	125+39.03	165.3	1.7
EB	125+67.03	TO	132+61.33	694.3	6.9
EB	133+02.33	TO	134+35.67	133.3	1.3
EB	134+63.67	TO	138+30.16	366.5	3.7
EB	139+02.16	TO	151+21.54	1,219.4	12.2
EB	151+79.72	TO	170+68.73	1,889.0	18.9
EB	171+09.73	TO	173+21.46	211.7	2.1
STATION EQUATION 173+21.46 BK = 173+25.13 AH					0.0
EB	173+25.13	TO	194+25.59	2,100.5	21.0
EB	194+56.59	TO	205+60.93	1,104.3	11.0
EB	206+31.78	TO	258+26.39	5,194.6	51.9
EB	259+08.	TO	293+38.28	3,430.3	34.3
EB	294+03.13	TO	305+18.11	1,115.0	11.1
EB	305+82.16	TO	310+50.12	468.0	4.7
EB	311+23.56	TO	362+35.5	5,111.9	51.1
EB	362+68.5	TO	362+90.84	22.3	0.2
EB	363+16.84	TO	366+85.5	368.7	3.7
EB	367+30.5	TO	370+55.9	325.4	3.3
EB	371+14.09	TO	372+98.04	184.0	1.8
EB	373+70.04	TO	399+37.5	2,567.5	25.7
EB	399+90.5	TO	415+04.2	1,513.7	15.1
EB	415+78.93	TO	437+37.16	2,158.2	21.6
EB	437+78.18	TO	468+44.05	3,065.9	30.7
EB	469+12.11	TO	522+36.84	5,324.7	53.2
EB	523+08.88	TO	556+47.53	3,338.7	33.4
EB	556+75.53	TO	568+16.68	1,141.2	11.4
EB	568+63.68	TO	568+91.68	28.0	0.3
EB	569+38.68	TO	569+66.68	28.0	0.3
EB	570+13.68	TO	572+82.63	268.9	2.7
TOTAL					520.0

EXCAVATING AND GRADING EXISTING SHOULDER					UNIT
LOCATION	STATION	TO	STATION	LENGTH (FT)	UNIT
WB	9+22.56	TO	10+35.06	112.5	1.1
WB	10+98.87	TO	12+86.32	187.5	1.9
WB	13+45.76	TO	18+03.15	457.4	4.6
WB	18+15.62	TO	19+75.5	159.9	1.6
WB	35+59.8	TO	37+91.92	232.1	2.3
WB	38+73.92	TO	64+69.97	2,596.1	26.0
WB	65+15.11	TO	68+63.71	348.6	3.5
WB	69+08.86	TO	70+54.31	145.5	1.5
WB	70+87.31	TO	71+90.23	102.9	1.0
WB	72+35.39	TO	85+50.32	1,314.9	13.1
WB	85+95.46	TO	91+70.19	574.7	5.7
WB	92+15.34	TO	98+33.81	618.5	6.2
WB	98+87.66	TO	132+89.	3,401.3	34.0
WB	133+11.	TO	153+57.38	2,046.4	20.5
WB	153+96.33	TO	159+89.55	593.2	5.9
WB	160+70.76	TO	163+43.97	273.2	2.7
WB	164+37.01	TO	173+21.46	884.5	8.8
STATION EQUATION 173+21.46 BK = 173+25.13 AH					0.0
WB	173+25.13	TO	191+79.61	1,854.5	18.5
WB	192+67.34	TO	194+47.6	180.3	1.8
WB	194+68.6	TO	258+01.71	6,333.1	63.3
WB	258+46.81	TO	271+45.97	1,299.2	13.0
WB	272+16.91	TO	280+77.53	860.6	8.6
WB	281+16.54	TO	311+20.14	3,003.6	30.0
WB	311+87.51	TO	326+77.	1,489.5	14.9
WB	327+23.	TO	328+39.	116.0	1.2
WB	329+05.86	TO	358+06.62	2,900.8	29.0
WB	358+66.91	TO	362+13.71	346.8	3.5
WB	362+58.86	TO	366+30.17	371.3	3.7
WB	366+92.32	TO	370+32.71	340.4	3.4
WB	370+77.86	TO	373+32.25	254.4	2.5
WB	373+77.39	TO	399+43.71	2,566.3	25.7
WB	399+88.86	TO	414+99.02	1,510.2	15.1
WB	415+73.75	TO	454+89.34	3,915.6	39.2
WB	455+30.34	TO	468+22.31	1,292.0	12.9
WB	468+91.6	TO	522+24.79	5,333.2	53.3
WB	522+95.49	TO	545+06.67	2,211.2	22.1
WB	545+47.69	TO	560+37.83	1,490.1	14.9
WB	560+89.57	TO	569+09.45	819.9	8.2
WB	569+40.45	TO	572+82.63	342.2	3.4
TOTAL					528.8

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
e:\pwwork\p\WIDOT\LAUGHLINRL\0182895\0672061-sh-t-schedule.dgn		DRAWN -	REVISED -
PLOT SCALE = 48.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = Mar-25-2010 11:57:41AM		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
F.A.P. 315 (US 136)			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(7,B) & (1)I-1, (2)I-2	MASON	34	11
CONTRACT NO. 72D61			ILLINOIS FED. AID PROJECT	

HMA BITUMINOUS SHOULDERS, 8 IN						SQ YDS
LOCATION	STATION	TO	STATION	LENGTH (FT)	WIDTH (FT)	AREA (SQ YDS)
EB	9+15.52	TO	18+03.15	887.6	3	295.9
EB	18+15.61	TO	19+75.5	159.9	3	53.3
EB	35+59.8	TO	40+90.96	531.2	3	177.1
EB	41+33.96	TO	51+21.6	987.6	3	329.2
EB	59+78.19	TO	64+66.25	488.1	3	162.7
EB	65+14.25	TO	68+53.48	339.2	3	113.1
EB	68+96.48	TO	71+75.13	278.7	3	92.9
EB	72+36.98	TO	77+55.61	518.6	3	172.9
EB	78+14.7	TO	82+25.36	410.7	3	136.9
EB	83+02.65	TO	85+50.11	247.5	3	82.5
EB	85+91.11	TO	91+80.48	589.4	3	196.5
EB	92+00.48	TO	98+32.84	632.4	3	210.8
EB	98+86.79	TO	116+80.67	1,793.9	3	598.0
EB	117+24.67	TO	121+12.	387.3	3	129.1
EB	121+40.	TO	123+53.74	213.7	3	71.2
EB	123+73.74	TO	125+39.03	165.3	3	55.1
EB	125+67.03	TO	132+61.33	694.3	3	231.4
EB	133+02.33	TO	134+35.67	133.3	3	44.4
EB	134+63.67	TO	138+30.16	366.5	3	122.2
EB	139+02.16	TO	151+21.54	1,219.4	3	406.5
EB	151+79.72	TO	170+68.73	1,889.0	3	629.7
EB	171+09.73	TO	173+21.46	211.7	3	70.6
STATION EQUATION 173+21.46 BK = 173+25.13 AH						
EB	173+25.13	TO	194+25.59	2,100.5	3	700.2
EB	194+56.59	TO	205+60.93	1,104.3	3	368.1
EB	206+31.78	TO	258+26.39	5,194.6	3	1,731.5
EB	259+08.	TO	293+38.28	3,430.3	3	1,143.4
EB	294+03.13	TO	305+18.11	1,115.0	3	371.7
EB	305+82.16	TO	310+50.12	468.0	3	156.0
EB	311+23.56	TO	362+35.5	5,111.9	3	1,704.0
EB	362+68.5	TO	362+90.84	22.3	3	7.4
EB	363+16.84	TO	366+85.5	368.7	3	122.9
EB	367+30.5	TO	370+55.9	325.4	3	108.5
EB	371+14.09	TO	372+98.04	184.0	3	61.3
EB	373+70.04	TO	399+37.5	2,567.5	3	855.8
EB	399+90.5	TO	415+04.2	1,513.7	3	504.6
EB	415+78.93	TO	437+37.16	2,158.2	3	719.4
EB	437+78.18	TO	468+44.05	3,065.9	3	1,022.0
EB	469+12.11	TO	522+36.84	5,324.7	3	1,774.9
EB	523+08.88	TO	556+47.53	3,338.7	3	1,112.9
EB	556+75.53	TO	568+16.68	1,141.2	3	380.4
EB	568+63.68	TO	568+91.68	28.0	3	9.3
EB	569+38.68	TO	569+66.68	28.0	3	9.3
EB	570+13.68	TO	572+82.63	268.9	3	89.6
TOTAL						17,335.0

HMA BITUMINOUS SHOULDERS, 8 IN						SQ YDS
LOCATION	STATION	TO	STATION	LENGTH (FT)	WIDTH (FT)	AREA (SQ YDS)
WB	9+22.56	TO	10+35.06	112.5	3	37.5
WB	10+98.87	TO	12+86.32	187.5	3	62.5
WB	13+45.76	TO	18+03.15	457.4	3	152.5
WB	18+15.62	TO	19+75.5	159.9	3	53.3
WB	35+59.8	TO	37+91.92	232.1	3	77.4
WB	38+73.92	TO	64+69.97	2,596.1	3	865.4
WB	65+15.11	TO	68+63.71	348.6	3	116.2
WB	69+08.86	TO	70+54.31	145.5	3	48.5
WB	70+87.31	TO	71+90.23	102.9	3	34.3
WB	72+35.39	TO	85+50.32	1,314.9	3	438.3
WB	85+95.46	TO	91+70.19	574.7	3	191.6
WB	92+15.34	TO	98+33.81	618.5	3	206.2
WB	98+87.66	TO	132+89.	3,401.3	3	1,133.8
WB	133+11.	TO	153+57.38	2,046.4	3	682.1
WB	153+96.33	TO	159+89.55	593.2	3	197.7
WB	160+70.76	TO	163+43.97	273.2	3	91.1
WB	164+37.01	TO	173+21.46	884.5	3	294.8
STATION EQUATION 173+21.46 BK = 173+25.13 AH						
WB	173+25.13	TO	191+79.61	1,854.5	3	618.2
WB	192+67.34	TO	194+47.6	180.3	3	60.1
WB	194+68.6	TO	258+01.71	6,333.1	3	2,111.0
WB	258+46.81	TO	271+45.97	1,299.2	3	433.1
WB	272+16.91	TO	280+77.53	860.6	3	286.9
WB	281+16.54	TO	311+20.14	3,003.6	3	1,001.2
WB	311+87.51	TO	326+77.	1,489.5	3	496.5
WB	327+23.	TO	328+39.	116.0	3	38.7
WB	329+05.86	TO	358+06.62	2,900.8	3	966.9
WB	358+66.91	TO	362+13.71	346.8	3	115.6
WB	362+58.86	TO	366+30.17	371.3	3	123.8
WB	366+92.32	TO	370+32.71	340.4	3	113.5
WB	370+77.86	TO	373+32.25	254.4	3	84.8
WB	373+77.39	TO	399+43.71	2,566.3	3	855.4
WB	399+88.86	TO	414+99.02	1,510.2	3	503.4
WB	415+73.75	TO	454+89.34	3,915.6	3	1,305.2
WB	455+30.34	TO	468+22.31	1,292.0	3	430.7
WB	468+91.6	TO	522+24.79	5,333.2	3	1,777.7
WB	522+95.49	TO	545+06.67	2,211.2	3	737.1
WB	545+47.69	TO	560+37.83	1,490.1	3	496.7
WB	560+89.57	TO	569+09.45	819.9	3	273.3
WB	569+40.45	TO	572+82.63	342.2	3	114.1
TOTAL						17,626.7

FILE NAME =	USER NAME = laughlinc1	DESIGNED -	REVISED -
e:\pwwork\pwwid\LAUGHLINRL\0182895\0672061-sh-t-schedule.dgn		DRAWN -	REVISED -
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = Mar-25-2010 11:57:43AM		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
F.A.P. 315 (US 136)			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(7,B) & (1)I-1, (2)I-2	MASON	34	12
CONTRACT NO. 72D61			ILLINOIS FED. AID PROJECT	

SHOULDER RUMBLE STRIP				FOOT
LOCATION	STATION	TO	STATION	LENGTH (FT)
EB	35+59.8	TO	40+87.96	528.2
EB	41+36.96	TO	51+21.99	985.0
EB	59+81.19	TO	64+63.25	482.1
EB	65+17.25	TO	68+50.48	333.2
EB	68+99.48	TO	71+59.94	260.5
EB	72+50.05	TO	77+42.54	492.5
EB	78+27.77	TO	82+09.21	381.4
EB	83+15.72	TO	85+47.11	231.4
EB	85+94.11	TO	91+77.48	583.4
EB	92+03.48	TO	98+29.84	626.4
EB	98+89.79	TO	116+77.67	1,787.9
EB	117+27.67	TO	121+15.	387.3
EB	121+37.	TO	123+56.74	219.7
EB	123+70.74	TO	125+36.03	165.3
EB	125+70.03	TO	132+58.33	688.3
EB	133+05.33	TO	134+32.67	127.3
EB	134+66.67	TO	138+27.16	360.5
EB	139+05.16	TO	151+08.44	1,203.3
EB	151+92.83	TO	170+65.73	1,872.9
EB	171+12.73	TO	173+21.46	208.7
STATION EQUATION 173+21.46 BK = 173+25.13 AH				
EB	173+25.13	TO	194+22.59	2,097.5
EB	194+59.59	TO	205+45.74	1,086.2
EB	206+46.96	TO	258+15.26	5,168.3
EB	259+19.18	TO	293+35.28	3,416.1
EB	294+14.28	TO	305+05.01	1,090.7
EB	305+95.25	TO	310+45.12	449.9
EB	311+26.56	TO	362+32.5	5,105.9
EB	363+19.84	TO	366+82.5	362.7
EB	367+33.5	TO	370+52.9	319.4
EB	371+17.09	TO	372+95.04	178.0
EB	373+73.04	TO	399+34.5	2,561.5
EB	399+93.5	TO	414+84.99	1,491.5
EB	415+94.13	TO	437+34.16	2,140.0
EB	437+81.18	TO	468+25.55	3,044.4
EB	469+27.31	TO	522+16.25	5,288.9
EB	523+24.08	TO	556+44.53	3,320.5
EB	556+78.53	TO	568+13.68	1,135.2
EB	570+16.68	TO	572+82.63	265.9
TOTAL				50,447.7

SHOULDER RUMBLE STRIP				FOOT
LOCATION	STATION	TO	STATION	LENGTH (FT)
WB	35+59.8	TO	37+91.92	232.1
WB	38+73.92	TO	64+62.25	2,588.3
WB	65+26.25	TO	68+56.	329.8
WB	69+20.	TO	70+51.31	131.3
WB	70+90.31	TO	71+82.52	92.2
WB	72+46.53	TO	85+42.61	1,296.1
WB	86+06.61	TO	91+62.48	555.9
WB	92+26.48	TO	98+20.73	594.3
WB	99+00.74	TO	132+86.	3,385.3
WB	133+14.	TO	153+54.38	2,040.4
WB	153+99.33	TO	159+86.76	587.4
WB	160+75.76	TO	163+40.97	265.2
WB	164+40.01	TO	173+21.46	881.5
STATION EQUATION 173+21.46 BK = 173+25.13 AH				
WB	173+25.13	TO	191+63.46	1,838.3
WB	192+85.26	TO	194+44.6	159.3
WB	194+71.6	TO	257+94.	6,322.4
WB	258+57.98	TO	271+30.77	1,272.8
WB	272+32.1	TO	280+74.53	842.4
WB	281+19.54	TO	311+04.97	2,985.4
WB	312+02.68	TO	326+74.	1,471.3
WB	327+26.	TO	328+36.	110.0
WB	329+17.	TO	357+98.91	2,881.9
WB	358+69.91	TO	362+06.	336.1
WB	362+70.	TO	366+22.46	352.5
WB	366+95.32	TO	370+25.	329.7
WB	370+89.	TO	373+24.53	235.5
WB	373+88.53	TO	399+36.	2,547.5
WB	400+00.	TO	414+83.82	1,483.8
WB	415+88.94	TO	454+86.34	3,897.4
WB	455+33.34	TO	468+14.6	1,281.3
WB	468+94.6	TO	522+09.59	5,315.0
WB	523+13.23	TO	545+03.66	2,190.4
WB	545+50.69	TO	560+24.56	1,473.9
WB	561+02.94	TO	569+06.45	803.5
WB	569+43.45	TO	572+82.63	339.2
TOTAL				51,449.3

AGGREGATE SHOULDERS, TY B			TONS
STATION	TO	STATION	TONS
9+15.52	TO	18+03.15	95.7
18+15.61	TO	19+17.5	11.1
35+59.8	TO	173+21.46	1,358.3
STATION EQUATION 173+21.46 BK = 173+25.13 AH			
173+25.13	TO	572+82.6	3,943.0
SUBTRACT SIDEROADS & ENTRANCES			-112.3
SUB-TOTAL			5,295.8
ADDITIONAL 10 % FOR AREAS WITH LOW OR STEEP FORESLOPES			529.6
TOTAL			5,825.3

THERMOPLASTIC PAVEMENT MARKING - LINE 5"					FEET
EDGE LINE					
LOCATION	STATION	TO	STATION	LENGTH (FT)	
EB	9+15.52	TO	18+03.15	887.6	
EB	18+15.61	TO	25+67.9	752.3	
EB	27+15.91	TO	35+59.8	843.9	
WB	9+22.47	TO	18+03.15	880.7	
WB	18+15.61	TO	26+00.	784.4	
WB	27+46.97	TO	35+59.8	812.8	
TOTAL				4,148.9	

PAVEMENT MARKING REMOVAL					SQ FEET
EDGE LINE					
LOCATION	STATION	TO	STATION	SQ FEET	
EB	9+15.52	TO	18+03.15	369.9	
EB	18+15.61	TO	25+67.9	313.5	
EB	27+15.91	TO	35+59.8	351.6	
WB	9+22.47	TO	18+03.15	367.0	
WB	18+15.61	TO	26+00.	326.8	
WB	27+46.97	TO	35+59.8	338.7	
TOTAL				2,067.4	

PAINT PAVEMENT MARKING - LINE 5"							FEET
LOCATION	STATION	TO	STATION	WHITE EDGE LINE LENGTH (FT)	DBL SLD LENGTH (FT)	YELLOW SOLID LENGTH (FT)	SKIP DASH LENGTH (FT)
EB	35+59.8	TO	71+59.94	3,600.1			
EB	72+50.05	TO	77+42.54	492.5			
EB	78+27.77	TO	82+09.21	381.4			
EB	83+15.72	TO	98+19.86	1,504.1			
EB	98+99.87	TO	151+08.44	5,208.6			
EB	151+92.83	TO	173+21.46	2,128.6			
STATION EQUATION 173+21.46 BK = 173+25.13 AH							
EB	173+25.13	TO	205+60.93	3,235.8			
EB	206+31.78	TO	258+26.39	5,194.6			
EB	259+08.	TO	415+04.2	15,596.2			
EB	415+78.93	TO	468+44.05	5,265.1			
EB	469+12.11	TO	522+36.84	5,324.7			
EB	523+08.88	TO	572+82.63	4,973.8			
WB	35+59.8	TO	98+33.81	6,274.0			
WB	98+87.66	TO	173+21.46	7,433.8			
STATION EQUATION 173+21.46 BK = 173+25.13 AH							
WB	173+25.13	TO	191+79.61	1,854.5			
WB	192+67.34	TO	271+45.97	7,878.6			
WB	272+16.91	TO	311+20.14	3,903.2			
WB	311+87.51	TO	414+99.02	10,311.5			
WB	415+73.75	TO	522+24.79	10,651.0			
WB	522+95.49	TO	560+37.83	3,742.3			
WB	560+89.57	TO	572+82.63	1,193.1			
CL	35+59.8	TO	37+75.		430.4		
CL	37+75.	TO	173+21.46				3,386.6
STATION EQUATION 173+21.46 BK = 173+25.13 AH							
CL	173+25.13	TO	184+75.				287.5
CL	179+75.	TO	184+75.			500.0	
CL	184+75.	TO	187+75.		600.0		
CL	187+75.	TO	317+50.				3,243.8
CL	187+75.	TO	195+25.			750.0	
CL	309+00.	TO	317+50.			850.0	
CL	317+50.	TO	322+00.		900.0		
CL	322+00.	TO	329+75.			775.0	
CL	322+00.	TO	366+00.				1,100.0
CL	359+50.	TO	366+00.			650.0	
CL	366+00.	TO	367+50.		300.0		
CL	367+50.	TO	374+26.			676.0	
CL	367+50.	TO	399+75.				806.3
CL	393+75.	TO	399+75.			600.0	
CL	399+75.	TO	405+75.		1,200.0		
CL	405+75.	TO	409+00.			325.0	
CL	405+75.	TO	425+00.				481.3
CL	418+75.	TO	425+00.			625.0	
CL	425+00.	TO	428+00.		600.0		
CL	428+00.	TO	432+00.			400.0	
CL	428+00.	TO	471+00.				1,075.0
CL	463+25.	TO	471+00.			775.0	
CL	471+00.	TO	473+50.		500.0		
CL	473+50.	TO	478+50.			500.0	
CL	473+50.	TO	517+00.				1,087.5
CL	512+00.	TO	517+00.			500.0	
CL	517+00.	TO	521+50.		900.0		
CL	521+50.	TO	527+25.			575.0	
CL	521+50.	TO	532+00.				262.5
CL	530+00.	TO	532+00.			200.0	
CL	532+00.	TO	548+25.		3,250.0		
CL	548+25.	TO	558+00.			975.0	
CL	548+25.	TO	572+82.6				614.4
TOTAL				106,147.7	8,680.4	9,676.0	12,344.7

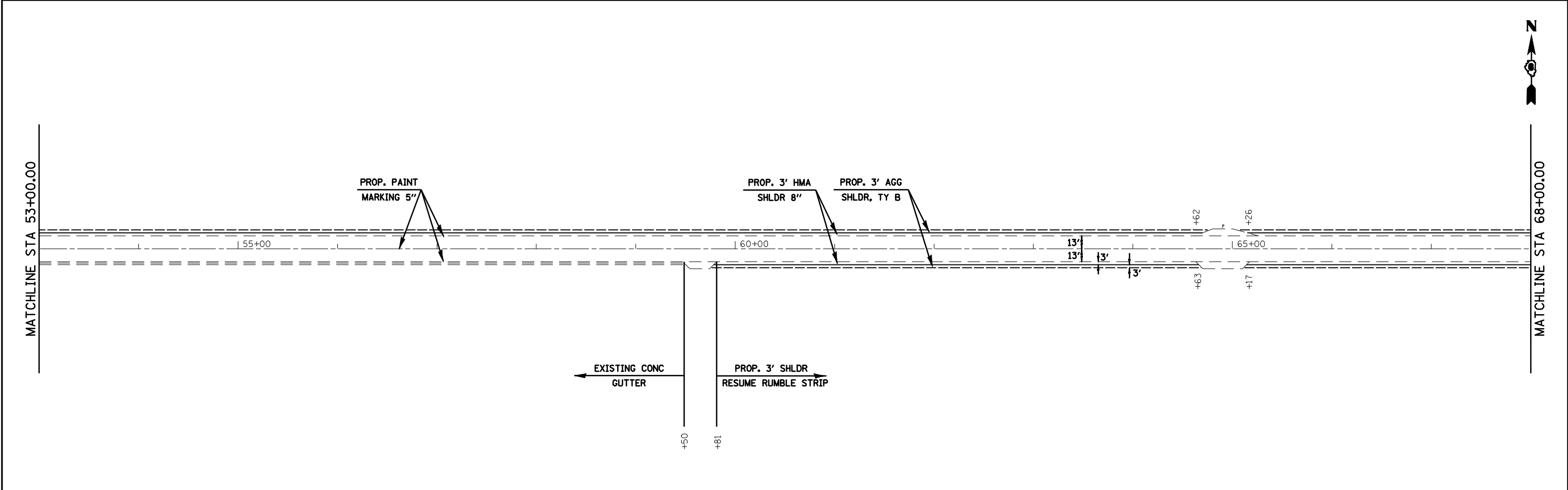
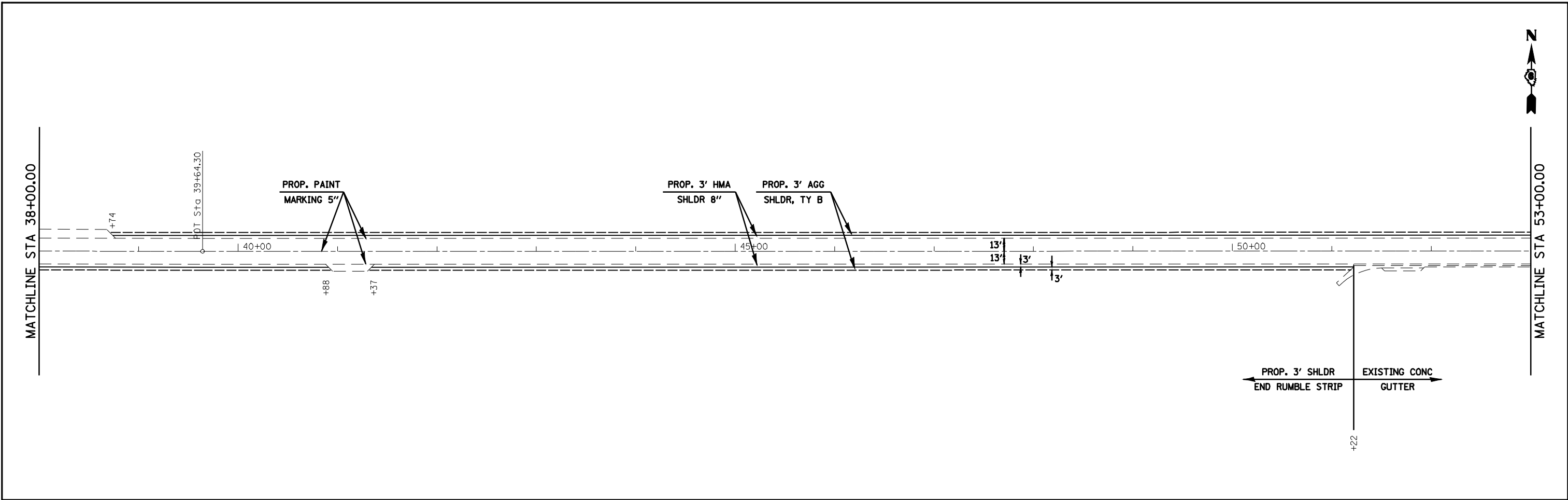
FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
e:\pwork\pwork\LAUGHLINRL\0182895\0672061-sh-t-schedule.dgn		DRAWN -	REVISED -
PLOT SCALE = 48.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = Mar-25-2010 11:57:50AM		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

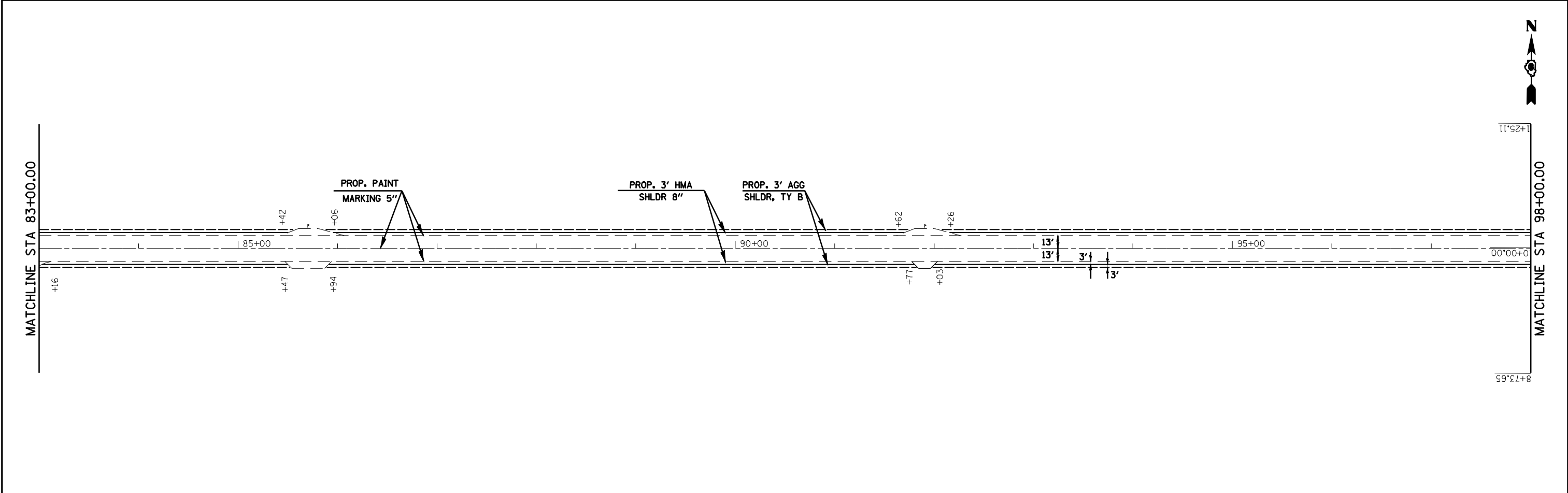
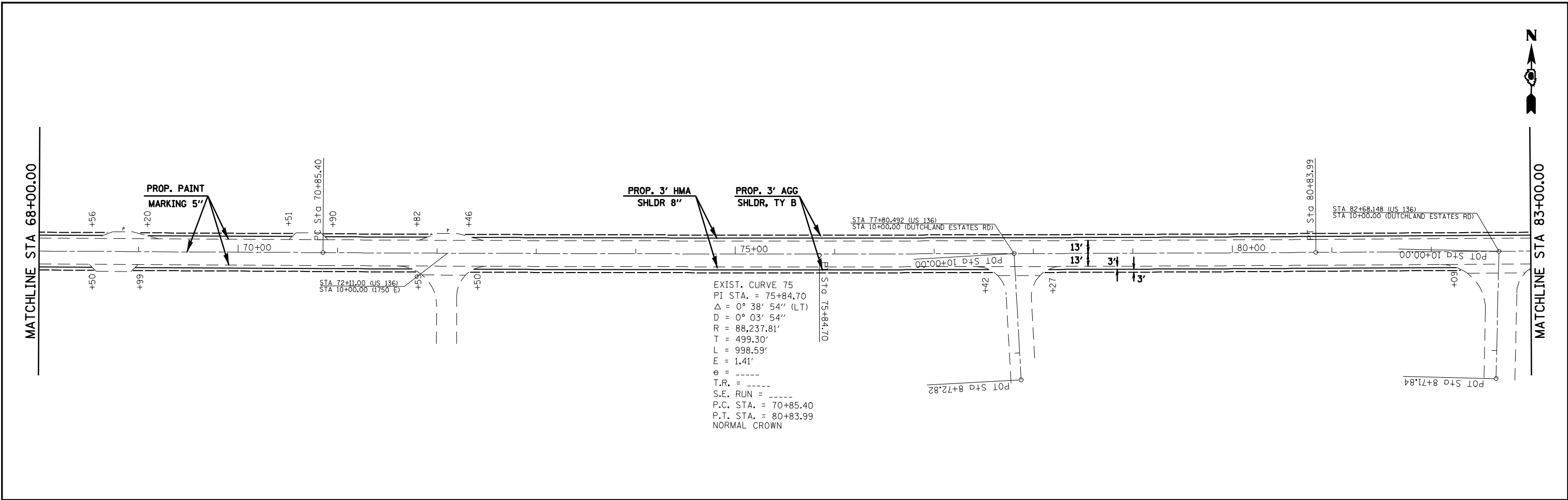
**SCHEDULE OF QUANTITIES
F.A.P. 315 (US 136)**

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

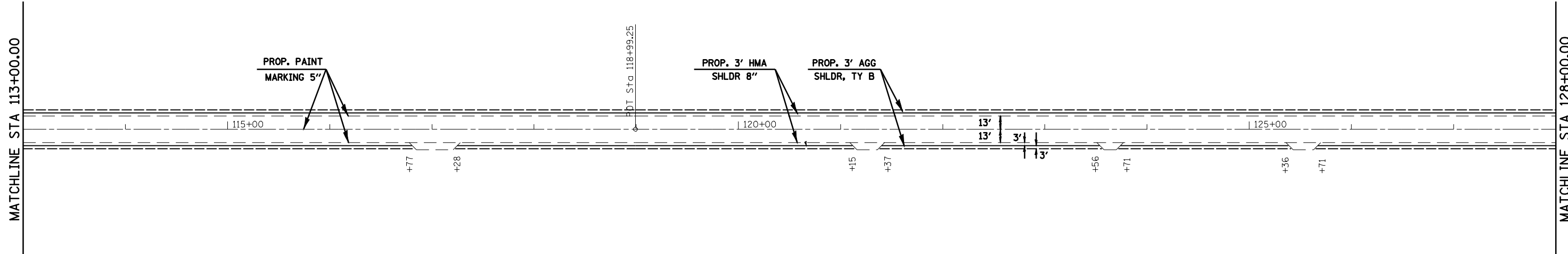
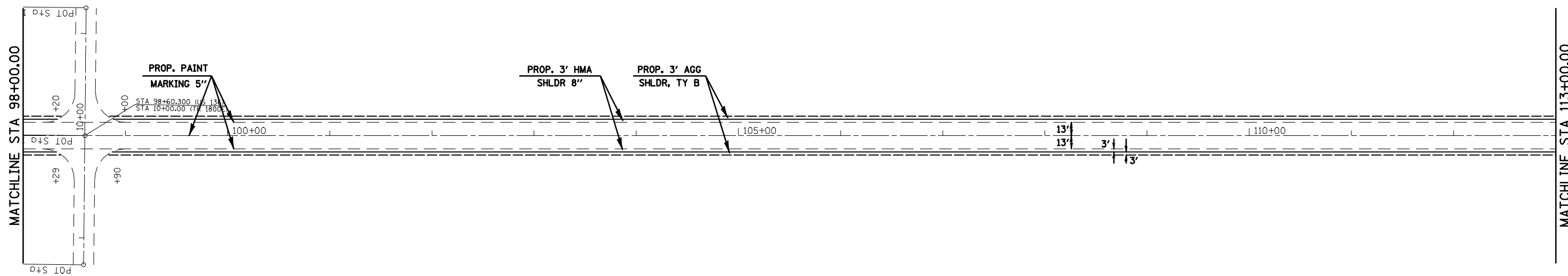
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(7,B) & (1)I-1, (2)I-2	MASON	34	14
CONTRACT NO. 72D61			ILLINOIS FED. AID PROJECT	



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN VIEW F.A.P. 315 (US 136)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pwwork\pwidot\LAUGHLINRL\0182895\0672061-shr-plan-50Scale.dgn		DRAWN -	REVISED -		315	(7,B)-I & (1)I-1, (2)I-2	MASON	34	16			
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -		CONTRACT NO. 72D61							
	PLOT DATE = Mar-25-2010 12:01:35PM	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
				SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.		



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN VIEW F.A.P. 315 (US 136)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
er:\pwwork\pwwid\LAUGHLINRL\0182895\0672061-shr-plan-50Scale.dgn		DRAWN -	REVISED -		315	(7,B)-1 & (1)I-1, (2)I-2	MASON	34	17				
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 72061				
PLOT DATE = Mar-25-2010 12:01:50PM		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

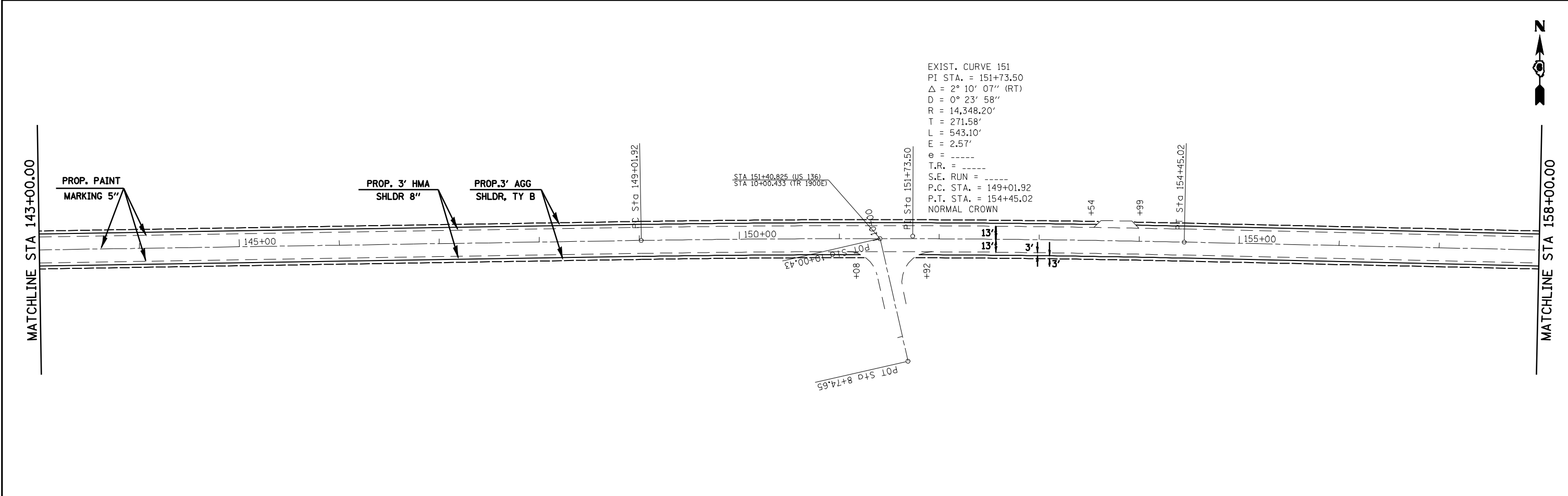
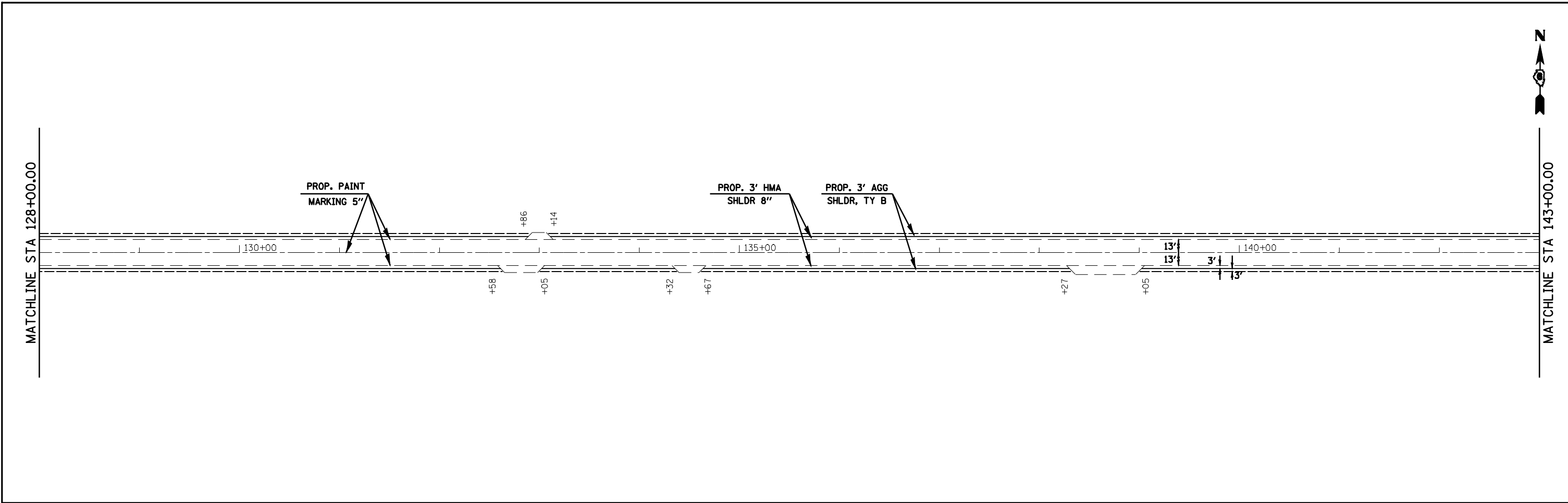


FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
e:\pwwork\pwwid\LAUGHLINRL\0182895\0672061-shr-plan-50Scale.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = Mar-25-2010 12:02:05PM	DATE -	REVISED -

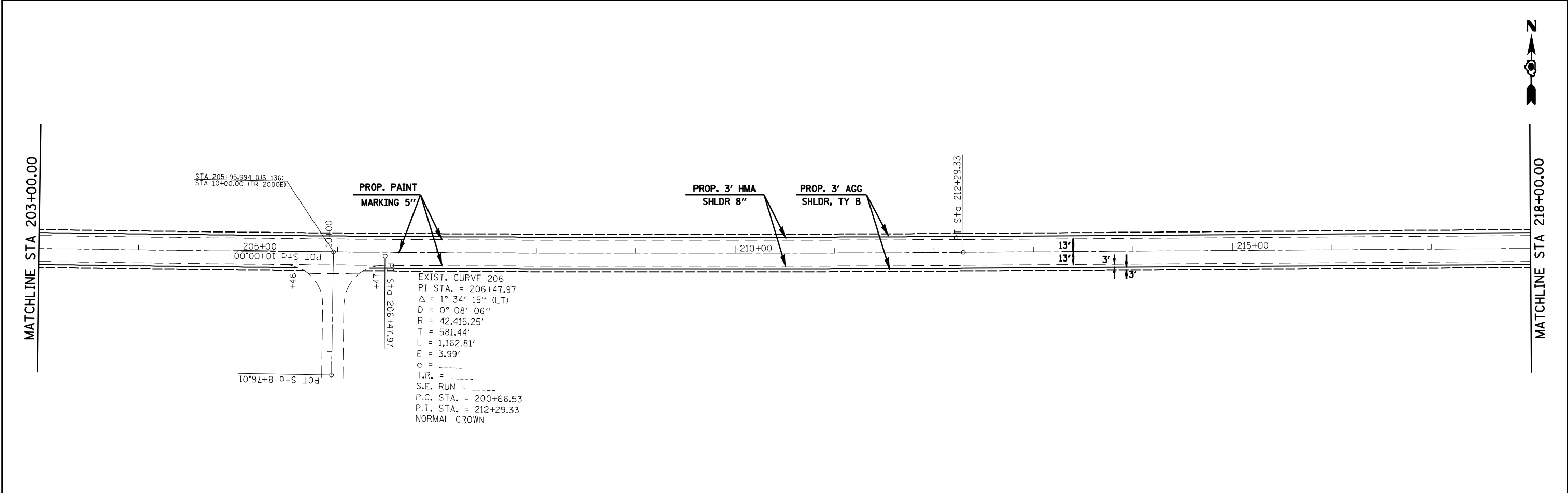
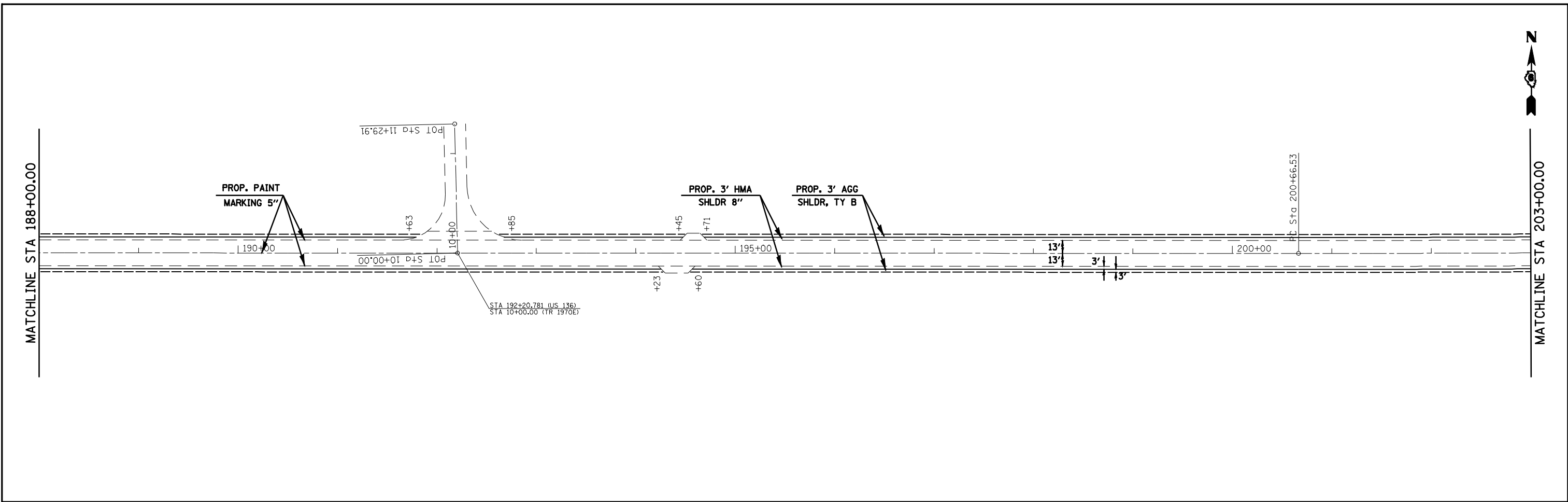
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN VIEW F.A.P. 315 (US 136)				
SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.

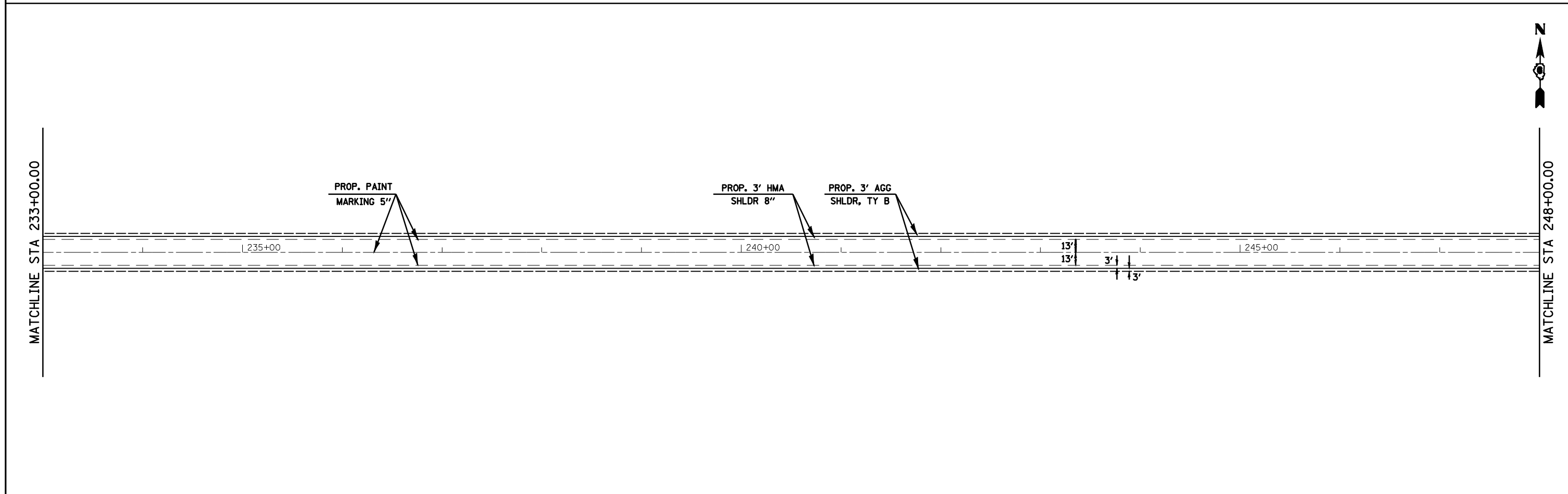
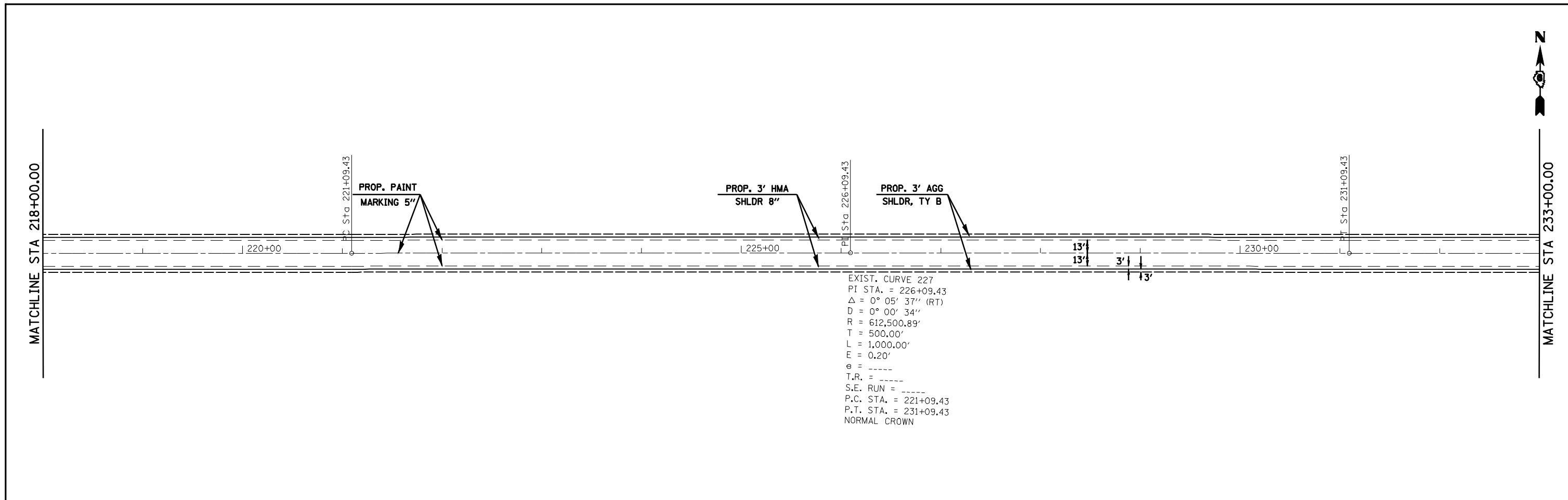
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(7,B)-I & (1)I-1, (2)I-2	MASON	34	18
CONTRACT NO. 72D61			ILLINOIS FED. AID PROJECT	



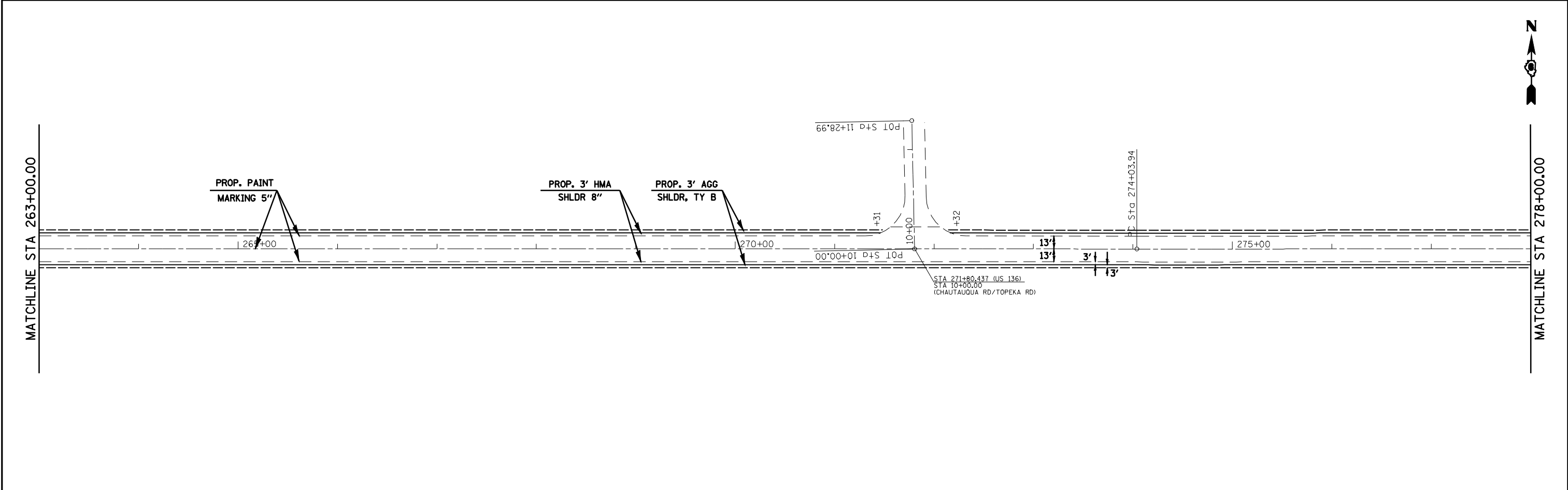
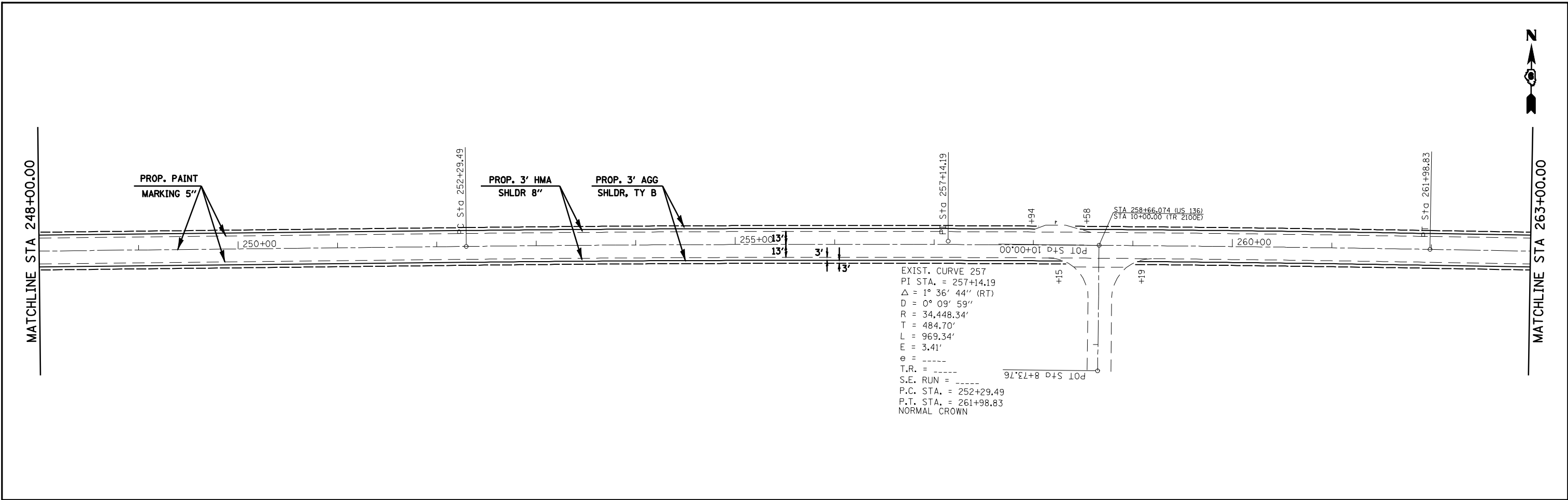
FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN VIEW F.A.P. 315 (US 136)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
e:\pwork\pwidot\LAUGHLINRL\0182895\0672061-shr-plan-50Scale.dgn		DRAWN -	REVISED -		315	(7,B)-I & (1)I-1, (2)I-2	MASON	34	19				
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 72061								
PLOT DATE = Mar-25-2010 12:02:21PM		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								
				SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.					



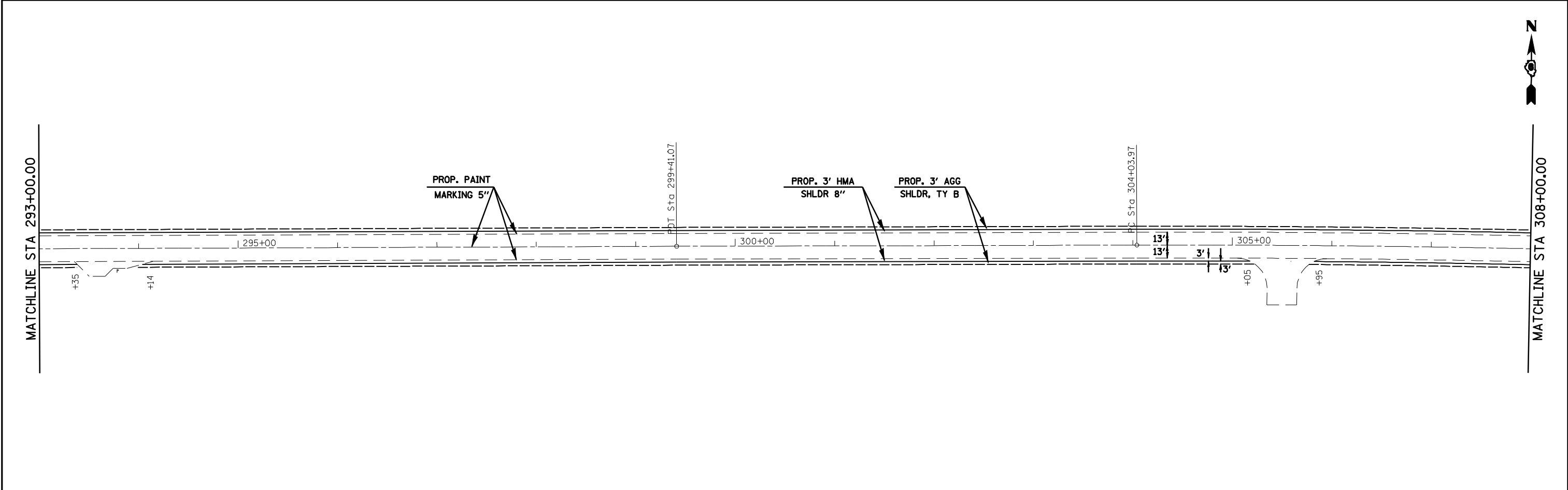
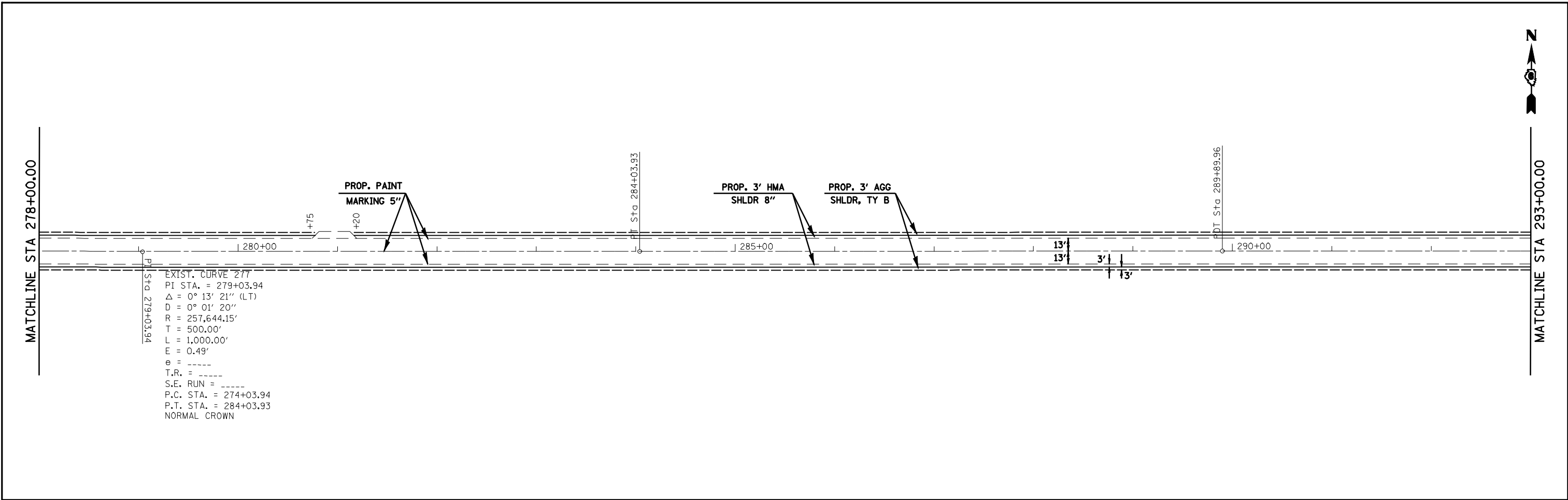
FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN VIEW F.A.P. 315 (US 136)				F.A.P. RTE. 315	SECTION (7,B)-I & (1)I-1, (2)I-2	COUNTY MASON	TOTAL SHEETS 34	SHEET NO. 21
es:\pwwork\pwwid\LAUGHLINRL\0182895\0672061-shr-plan-50scale.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 72061		
		CHECKED -	REVISED -								ILLINOIS FED. AID PROJECT		
		DATE -	REVISED -										



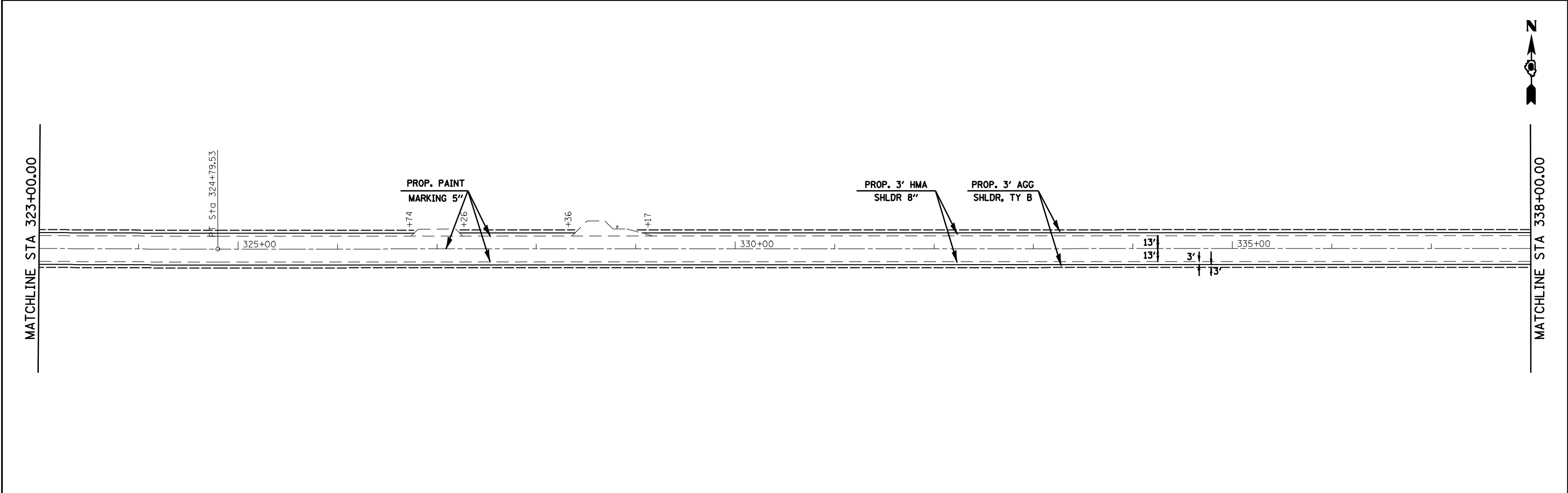
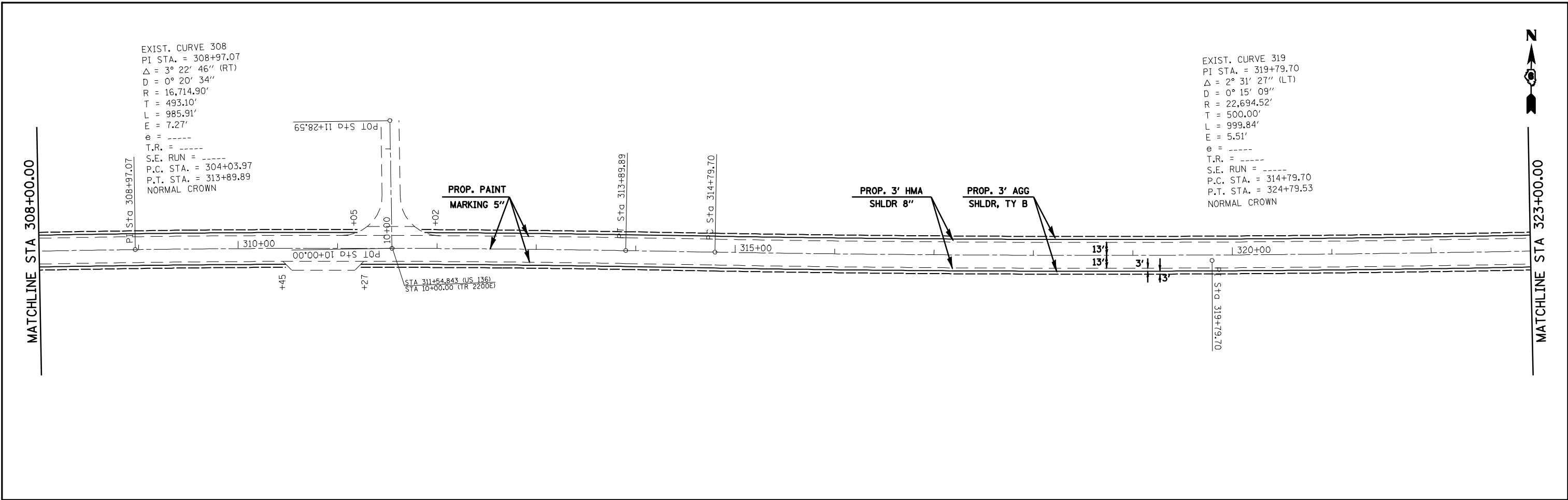
FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN VIEW F.A.P. 315 (US 136)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pwwork\pwwid\LAUGHLINRL\0182895\0672061-shr-plan-50Scale.dgn		DRAWN -	REVISED -		315	(7,B)-I & (1)I-1, (2)I-2	MASON	34	22				
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 72061				
	PLOT DATE = Mar-25-2010 12:08:55PM	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



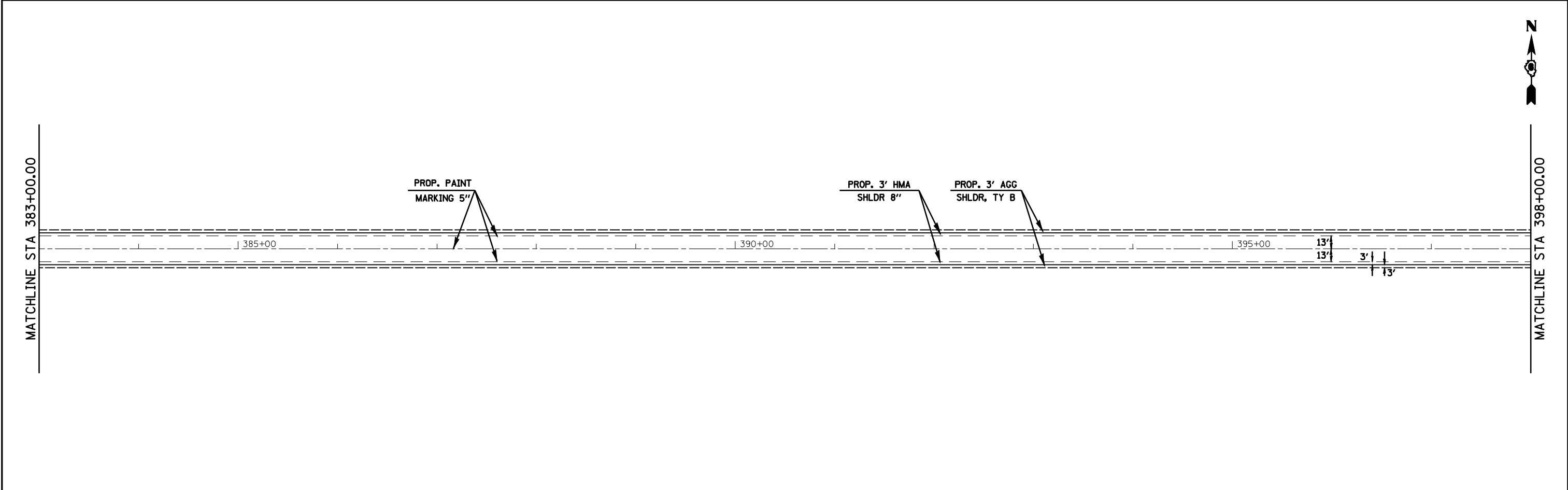
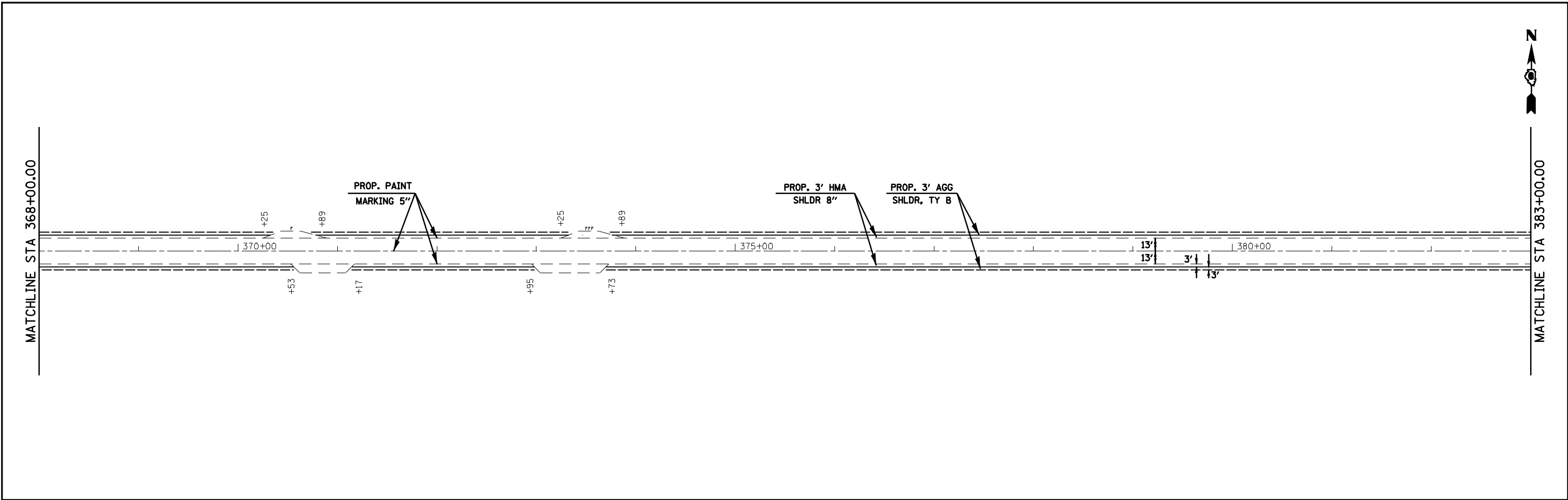
FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN VIEW F.A.P. 315 (US 136)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
er:\pwwork\pwwid\LAUGHLINRL\0182895\0672061-shr-plan-50Scale.dgn		DRAWN -	REVISED -		315	(7,B)-I & (1)I-1, (2)I-2	MASON	34	23			
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -		CONTRACT NO. 72D61							
	PLOT DATE = Mar-25-2010 12:09:02PM	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



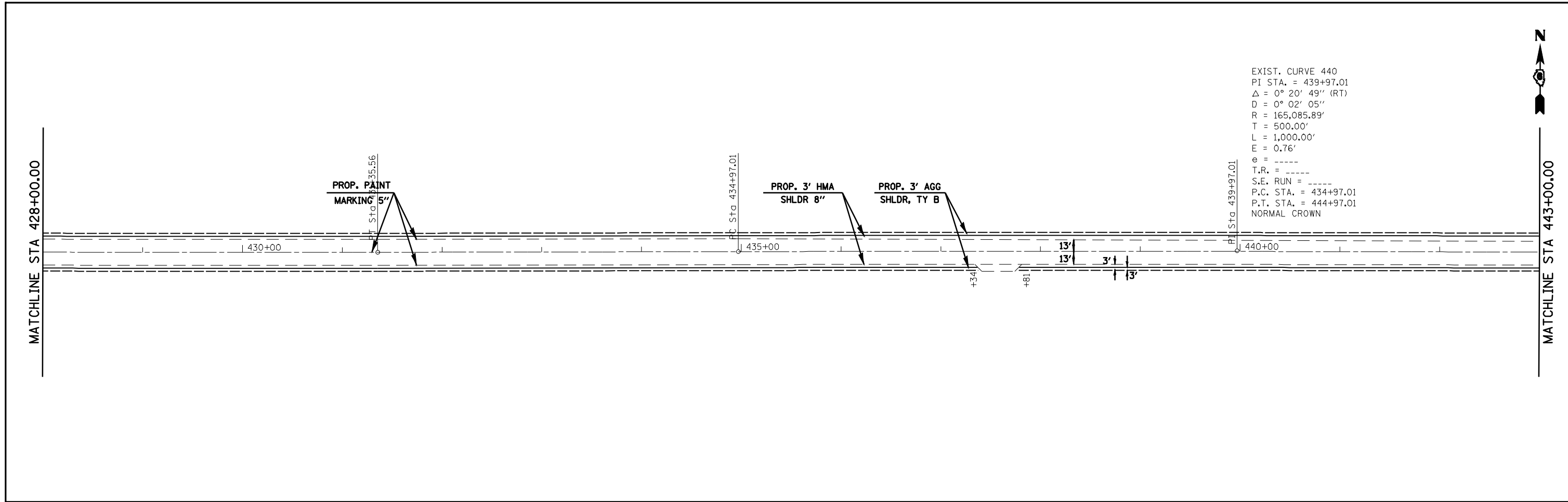
FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN VIEW F.A.P. 315 (US 136)				F.A.P. -	SECTION	COUNTY	TOTAL	SHEET
er:\pwork\PWIDOT\LAUGHLINRL\0182895\0672061-shr-plan-50Scale.dgn		DRAWN -	REVISED -		315	(7,B)-I & (1)I-1, (2)I-2	MASON	34	24				
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 72061								
PLOT DATE = Mar-25-2010 12:09:08PM		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								
				SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.					



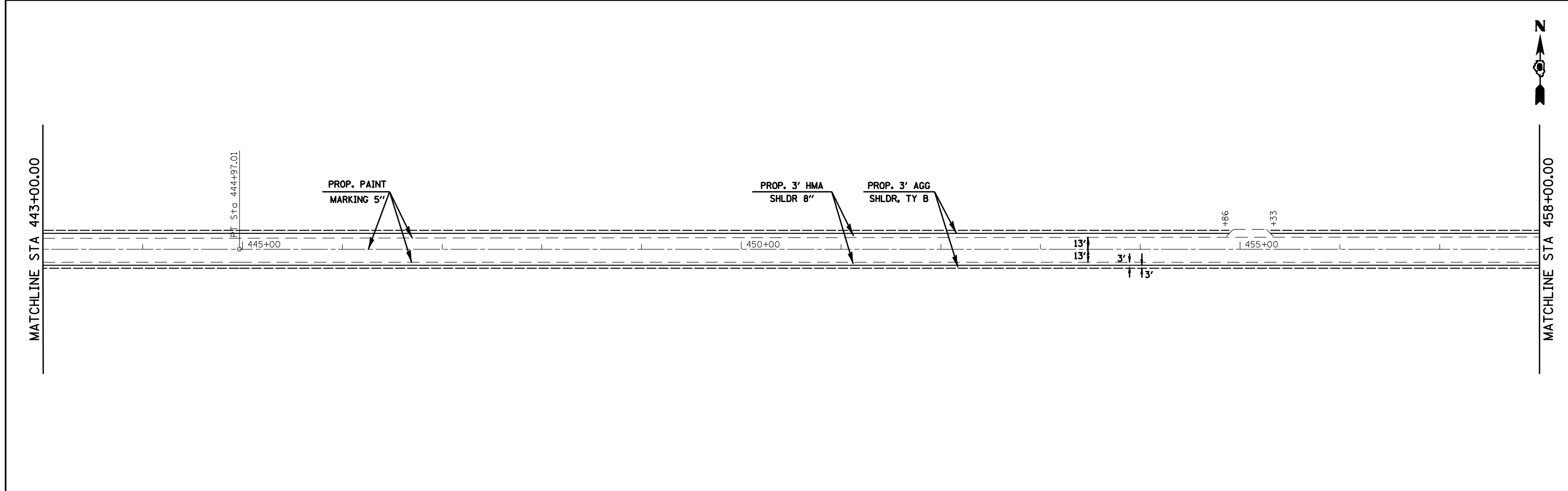
FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN VIEW F.A.P. 315 (US 136)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
er:\pwork\PWIDOT\LAUGHLINRL\0182895\0672061-shr-plan-50Scale.dgn		DRAWN -	REVISED -		315	(7,B)-I & (1)I-1, (2)I-2	MASON	34	25				
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 72D61				
PLOT DATE = Mar-25-2010 12:09:15PM		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



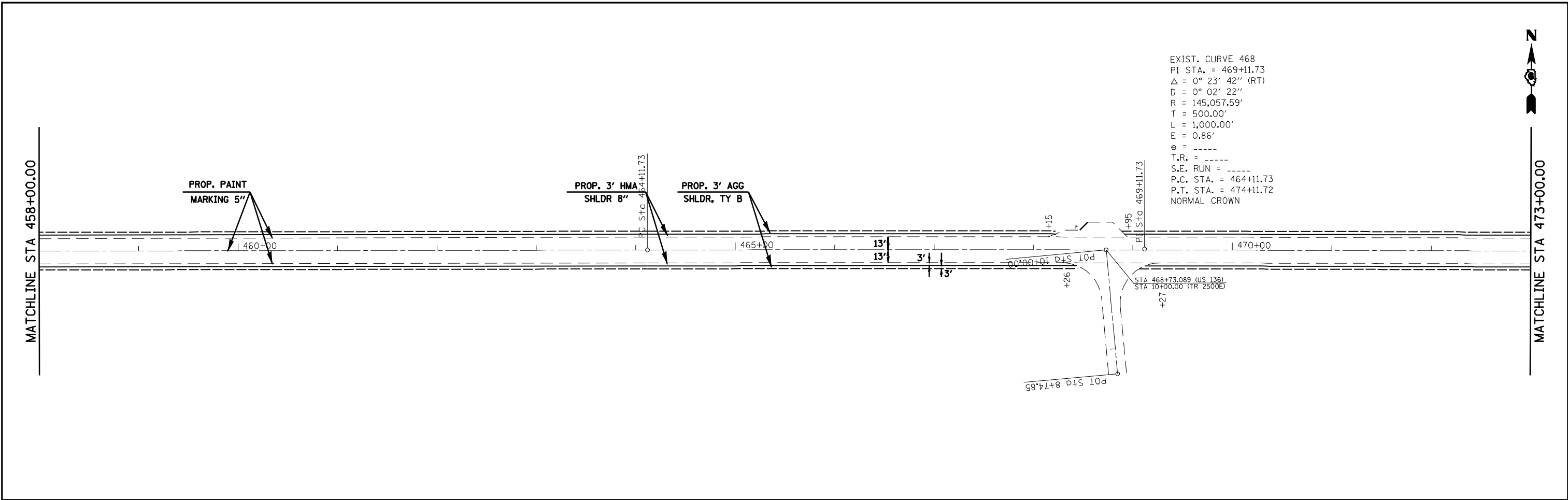
FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN VIEW F.A.P. 315 (US 136)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
er:\pwork\pwidot\LAUGHLINRL\0182895\0672061-shr-plan-50Scale.dgn		DRAWN -	REVISED -		315	(7,B)-I & (1)I-1, (2)I-2	MASON	34	27				
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 72061				
PLOT DATE = Mar-25-2010 12:09:28PM		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



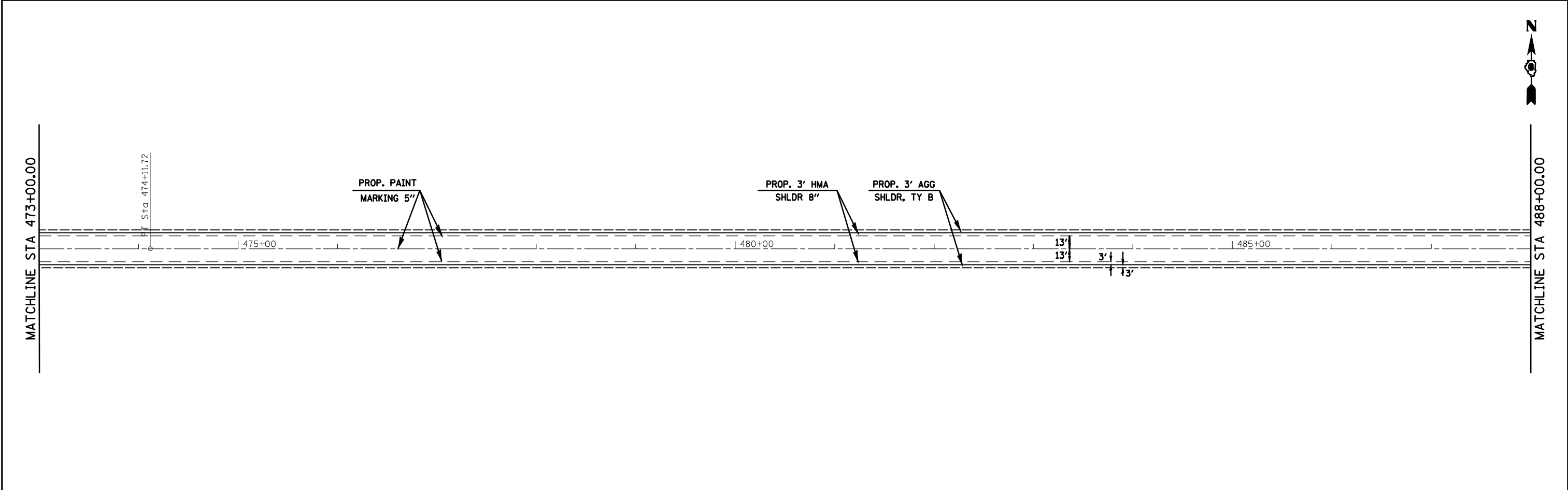
EXIST. CURVE 440
 PI STA. = 439+97.01
 Δ = 0° 20' 49" (RT)
 D = 0° 02' 05"
 R = 165,085.89'
 T = 500.00'
 L = 1,000.00'
 E = 0.76'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 434+97.01
 P.T. STA. = 444+97.01
 NORMAL CROWN



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN VIEW F.A.P. 315 (US 136)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
er:\pwwork\pwidot\LAUGHLINRL\0182895\0672061-shr-plan-50Scale.dgn		DRAWN -	REVISED -		315	(7,B)-I & (1)I-1, (2)I-2	MASON	34	29				
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 72061				
PLOT DATE = Mar-25-2010 12:09:41PM		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



EXIST. CURVE 468
 PI STA. = 469+11.73
 $\Delta = 0^\circ 23' 42''$ (RT)
 $D = 0^\circ 02' 22''$
 $R = 145,057.59'$
 $T = 500.00'$
 $L = 1,000.00'$
 $E = 0.86'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 464+11.73$
 $P.T. STA. = 474+11.72$
 NORMAL CROWN



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PALM VIEW F.A.P. 315 (US 136)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
er:\pwork\pwidot\LAUGHLINRL\0182895\0672061-shr-plan-50Scale.dgn		DRAWN -	REVISED -		315	(7,B)-1 & (1)I-1, (2)I-2	MASON	34	30				
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 72D61								
PLOT DATE = Mar-25-2010 12:09:48PM		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								
					SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.				

EXIST. CURVE 494
 PI STA. = 495+13.91
 $\Delta = 0^\circ 41' 07''$ (RT)
 $D = 0^\circ 04' 07''$
 $R = 83,622.16'$
 $T = 500.00'$
 $L = 999.99'$
 $E = 1.49'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA. = 490+13.91
 P.T. STA. = 500+13.90
 NORMAL CROWN

MATCHLINE STA 488+00.00

MATCHLINE STA 503+00.00



PROP. PAINT
 MARKING 5"

PROP. 3' HMA
 SHLDR 8"

PROP. 3' AGG
 SHLDR, TY B

PI Sta 490+13.91

PI Sta 495+13.91

PI Sta 500+13.90

PI Sta 500+43.22

490+00

495+00

500+00

13'

13'

3'

13'

EXIST. CURVE 504
 PI STA. = 505+43.22
 $\Delta = 0^\circ 30' 32''$ (LT)
 $D = 0^\circ 03' 03''$
 $R = 112,597.46'$
 $T = 500.00'$
 $L = 999.99'$
 $E = 1.11'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA. = 500+43.22
 P.T. STA. = 510+43.22
 NORMAL CROWN

MATCHLINE STA 503+00.00

MATCHLINE STA 518+00.00



PROP. PAINT
 MARKING 5"

PROP. 3' HMA
 SHLDR 8"

PROP. 3' AGG
 SHLDR, TY B

505+00

510+00

13'

13'

3'

13'

PI Sta 505+43.22

PI Sta 510+43.22

PI Sta 515+78.46

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
e:\pwwork\pwwid\LAUGHLINRL\0182895\0672061-shl-plan-505scale.dgn		DRAWN -	REVISED -
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = Mar-25-2010 12:14:14PM		DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

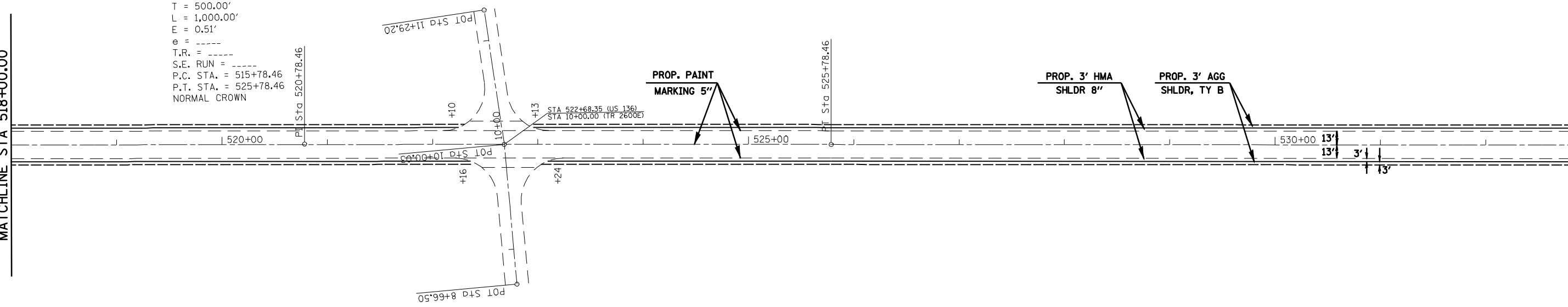
PLAN VIEW			
F.A.P. 315 (US 136)			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(7,B)-I & (1)I-1, (2)I-2	MASON	34	31
CONTRACT NO. 72D61				
ILLINOIS FED. AID PROJECT				

EXIST. CURVE 520
 PI STA. = 520+78.46
 $\Delta = 0^\circ 14' 06''$ (RT)
 $D = 0^\circ 01' 25''$
 $R = 243,854.07'$
 $T = 500.00'$
 $L = 1,000.00'$
 $E = 0.51'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 P.C. STA. = 515+78.46
 P.T. STA. = 525+78.46
 NORMAL CROWN

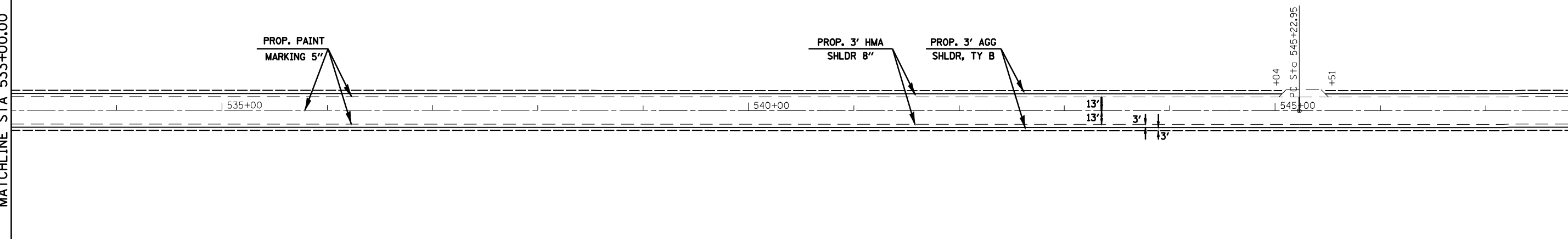
MATCHLINE STA 518+00.00

MATCHLINE STA 533+00.00



MATCHLINE STA 533+00.00

MATCHLINE STA 548+00.00



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
e:\pwwork\pwidot\LAUGHLINRL\0182895\10672061-shr-plan-50Scale.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = Mar-25-2010 12:14:20PM	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

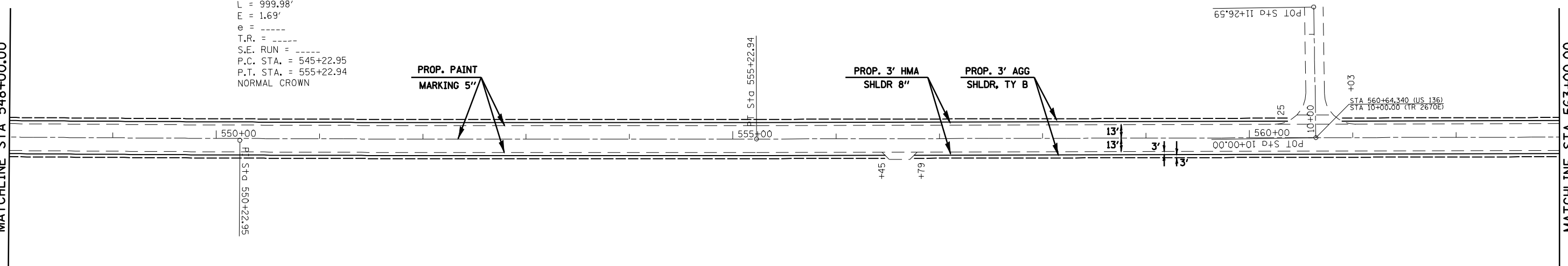
PLAN VIEW			
F.A.P. 315 (US 136)			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(7,B)-1 & (1)I-1, (2)I-2	MASON	34	32
CONTRACT NO. 72061				
ILLINOIS FED. AID PROJECT				

EXIST. CURVE 549
 PI STA. = 550+22.95
 $\Delta = 0^\circ 46' 33''$ (LT)
 $D = 0^\circ 04' 39''$
 $R = 73,839.63'$
 $T = 500.00'$
 $L = 999.98'$
 $E = 1.69'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 P.C. STA. = 545+22.95
 P.T. STA. = 555+22.94
 NORMAL CROWN

MATCHLINE STA 548+00.00

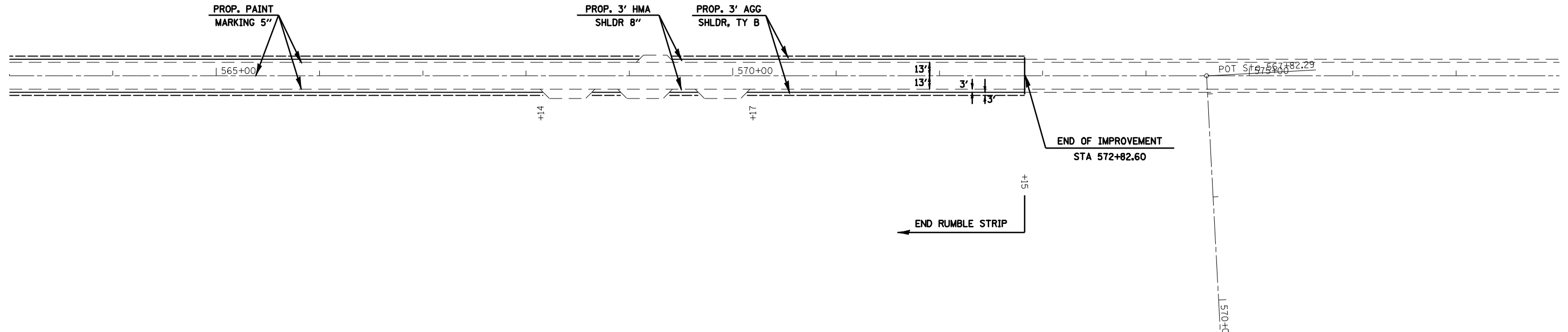
MATCHLINE STA 563+00.00



PROP. PAINT
 MARKING 5"

PROP. 3' HMA
 SHLDR 8"

PROP. 3' AGG
 SHLDR, TY B

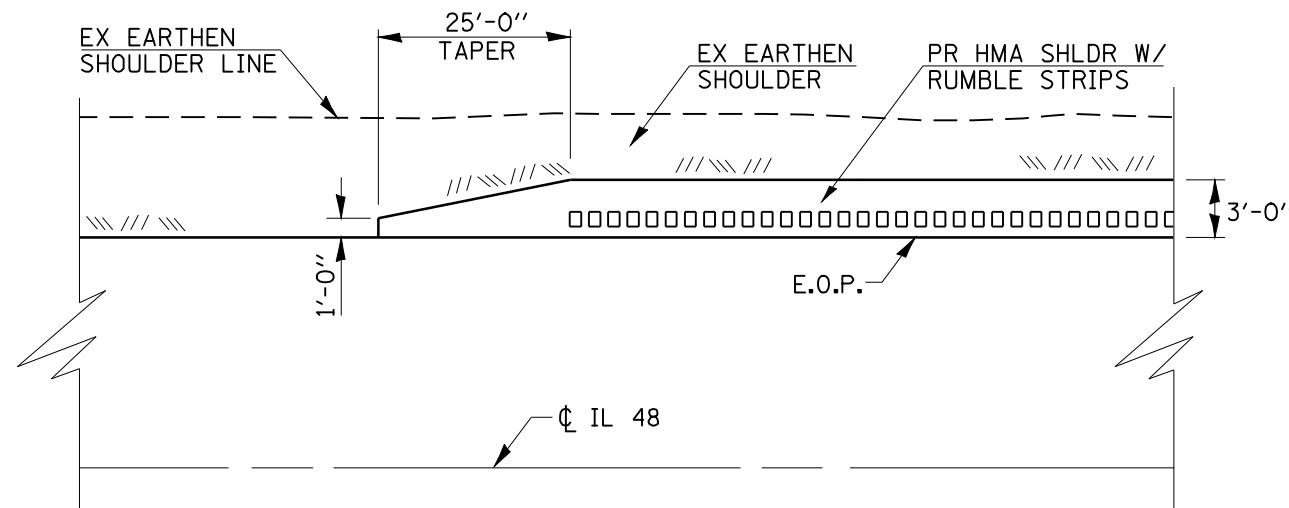


FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
er:\pwork\PWIDOT\LAUGHLINRL\0182895\0672061-shr-plan-50Scale.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = Mar-25-2010 12:14:27PM	DATE -	REVISED -

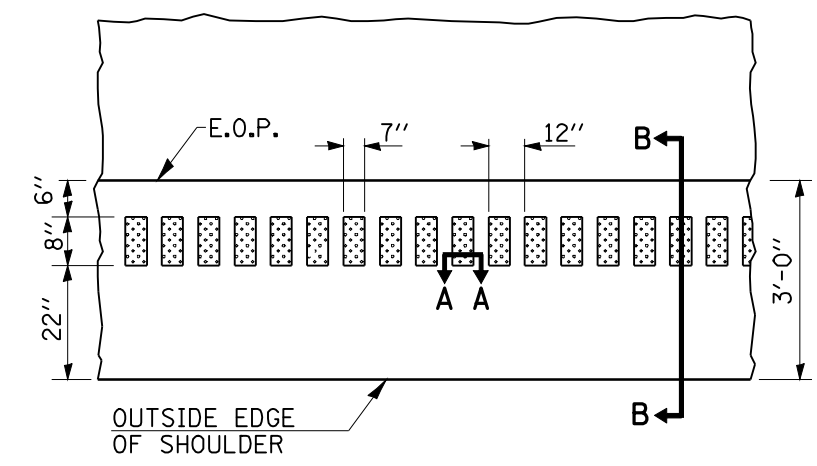
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN VIEW			
F.A.P. 315 (US 136)			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

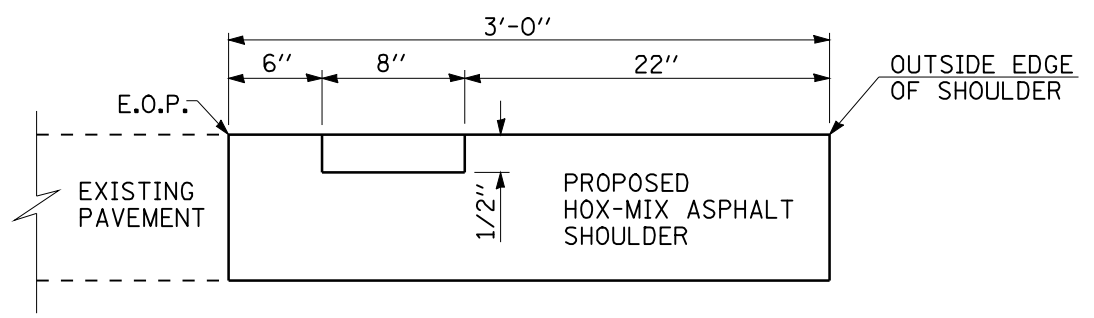
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(7,B)-I & (1)I-1, (2)I-2	MASON	34	33
CONTRACT NO. 72061			ILLINOIS FED. AID PROJECT	



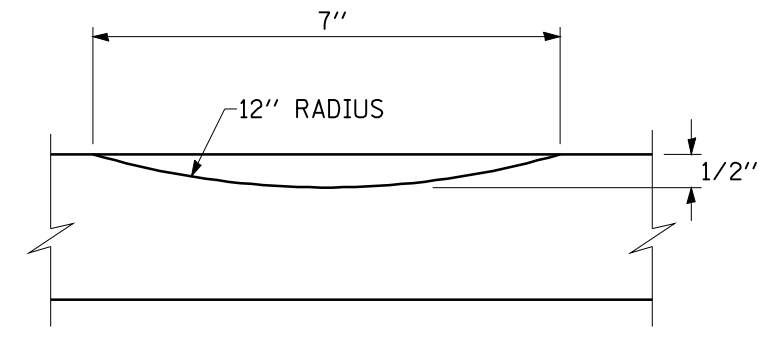
TAPER DETAIL FOR PROPOSED HOT-MIX ASPHALT SHOULDERS
 (TRANSITION WIDTH FOR PROPOSED HMA SHOULDERS FROM 1'-0" TO 3'-0" WITHIN 10'-0")
 (IF APPLICABLE)



PLAN VIEW



SECTION B-B



SECTION A-A

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RUMBLE STRIP DETAIL F.A.P. 315 (US 136)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
er:\pwork\pwork\LAUGHLINRL\0182895\0672061-shd-detail.dgn	DRAWN -	REVISED -	315					(7,B)-I & (1)I-1, (2)I-2	MASON	34	34	
PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 72061									
PLOT DATE = Mar-25-2010 12:14:29PM	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									
				SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.				