

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 103 (IL 13)
SECTION (23,24)RS-4
PROJECT F-0103(073)
RESURFACING - 3P
ST. CLAIR COUNTY

C-98-049-11

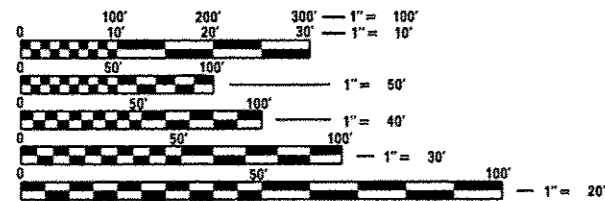
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(23,24)RS-4	ST. CLAIR	54	1
		ILLINOIS	CONTRACT NO. 76E88	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

IL 13 (STA 576+06 TO MAIN ST (MARISSA))
ADT = 4700 (2009) (ACTUAL)
ADT = 4800 (2011) (ESTIMATED)
ADT = 5900 (2031) (ESTIMATED)
SU = 3.2%
MU = 4.3%

IL 13 (MAIN ST (MARISSA) TO IL 4)
ADT = 5700 (2009) (ACTUAL)
ADT = 5800 (2011) (ESTIMATED)
ADT = 7100 (2031) (ESTIMATED)
SU = 3.5%
MU = 1.9%

IL 13 (IL 4 TO STA 924+95)
ADT = 5800 (2009) (ACTUAL)
ADT = 5700 (2011) (ESTIMATED)
ADT = 6900 (2031) (ESTIMATED)
SU = 3.6%
MU = 3.1%

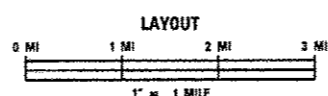
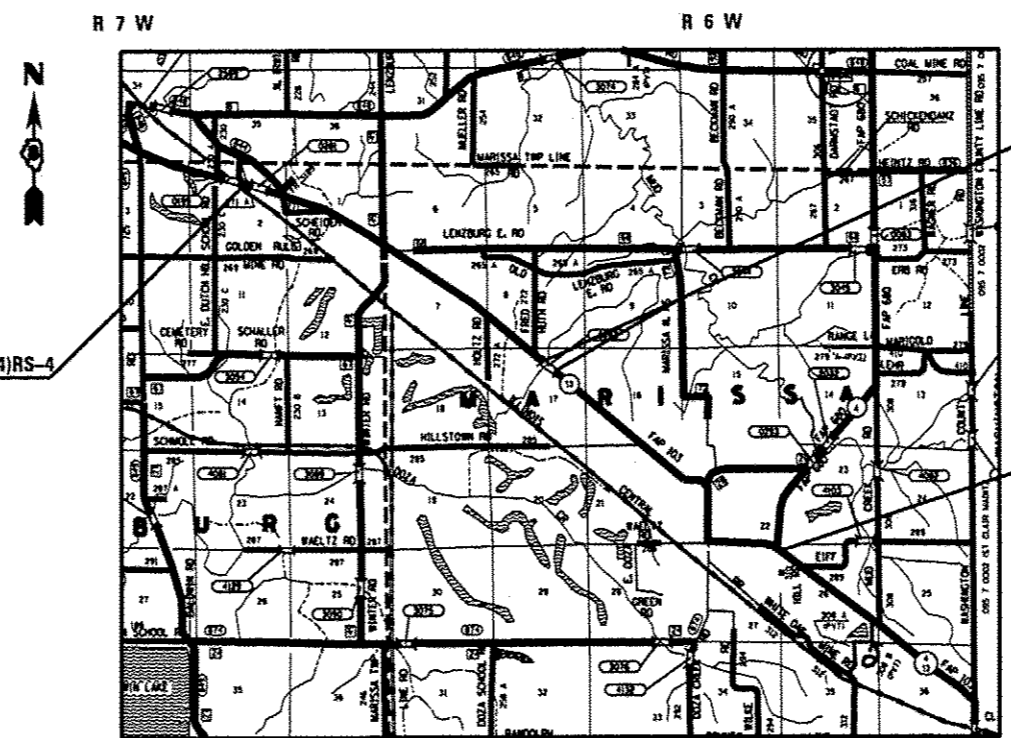


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

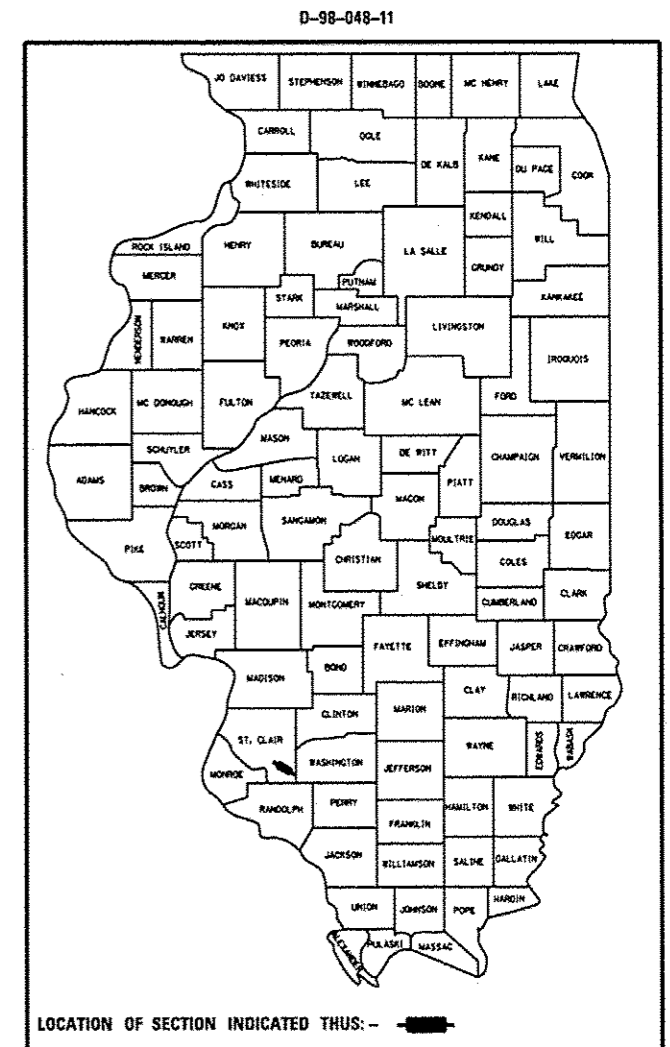
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: PATTI LeBEAU (618) 346-3179
PROJECT MANAGER: REBECCA THARP (618) 346-3323

CONTRACT NO. 76E88



DESIGN DESIGNATION: N/A
GROSS LENGTH = 34963 FT = 6.622 MI
NET LENGTH = 34943 FT = 6.618 MI



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED March 21 2013

Debra A. Keenan
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

May 10 2013
John D. Baranelli, P.E.
acting ENGINEER OF DESIGN AND ENVIRONMENT

May 10 2013
Omer Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

INDEX OF SHEETS

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- 2 INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES & COMMITMENTS
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- 53-54 PAVEMENT MARKING DETAILS

GENERAL NOTES

1. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES WITHIN THE PROJECT AREA BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
 - AMEREN ILLINOIS
 - AT&T ILLINOIS
 - AT&T CORPORATION
 - EGYPTIAN TELEPHONE COOP ASSN
 - FRONTIER NORTH, INC
 - KASKASKIA WATER DISTRICT
 - VILLAGE OF LENZBURG
 - VILLAGE OF MARISSA
 - NEW WAVE COMMUNICATIONS
 - PRAIRIE STATE GENERATING COMPANY, LLC
 - WASHINGTON COUNTY WATER CO

MEMBERS OF J.U.L.I.E. CALL TOLL FREE (800) 892-0123 OR 811 AND ARE INDICATED BY *. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

2. THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING AND TOPOGRAPHY SHOWN IN THE PLANS WAS CREATED USING MICROFILM AND FIELD MEASUREMENTS. BOTH SHALL BE ASSUMED TO BE APPROXIMATE. THE CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
3. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT EACH END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS, AND WILL BE CONSIDERED INCIDENTAL TO THE TRAFFIC CONTROL AND PROTECTION PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE IN COLOR (48" X 48").
4. FLAGGERS WILL BE REQUIRED AT ALL TIMES DURING PATCHING OPERATIONS.
5. NO OVERNIGHT LANE CLOSURES WILL BE PERMITTED.
6. SIDEROADS AND ENTRANCES SHALL BE OPEN TO TRAFFIC AT ALL TIMES.
7. THE CONTRACTOR SHALL POST AND MAINTAIN THE ROADWAY WITH "NO PASSING ZONES NOT STRIPED NEXT 7 MILES" SIGNS UNTIL MARKINGS HAVE BEEN RESTORED IN ACCORDANCE WITH ARTICLE 701.17(C). COST INCLUDED IN THE TRAFFIC CONTROL PAY ITEM.
8. THE CONTRACTOR SHALL BE AWARE THAT THERE ARE EXISTING MANHOLES AND VALVES LOCATED WITHIN THE RESURFACING LIMITS. CARE SHALL BE TAKEN SO AS NOT TO DAMAGE THESE STRUCTURES DURING MILLING AND RESURFACING OPERATIONS.
9. ALL DISTURBED EMBANKMENT AREAS SHALL BE SEEDED WITH CLASS A2 SEED, FERTILIZED AND MULCHED AS PER SECTION 250 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THE COST FOR PERFORMING THIS WORK SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE BID FOR THE ITEM OF WORK INITIATING THE DISTURBANCE.
10. PRIOR TO THE MILLING OPERATIONS, THE RE/RT SHALL RECORD AND DOCUMENT ALL EXISTING PAVEMENT MARKINGS AND LOCATIONS INCLUDING ALL LANE MARKINGS, CROSS-WALKS, STOP-BARS AND SYMBOLS. AFTER COMPLETION OF HMA OVERLAY OPERATIONS THE PROPOSED THERMOPLASTIC PAVEMENT MARKING SHALL BE PLACED AT THE EXISTING DOCUMENTED LOCATIONS OR AS DIRECTED ON THE PLAN SHEETS.
11. A QUANTITY FOR TEMPORARY PAVEMENT MARKING EQUAL TO THE AMOUNT OF PERMANENT PAVEMENT MARKING HAS BEEN ADDED TO THE PLANS. REMOVAL OF TEMPORARY PAVEMENT MARKING SHALL BE PAID FOR AS "WORK ZONE PAVEMENT MARKING REMOVAL".
12. SHORT TERM PAVEMENT MARKING SHALL BE PLACED ON THE MILLED SURFACE, PRIMED SURFACE, AND THE FINAL HMA SURFACE. ONLY REMOVAL FROM THE HOT-MIX ASPHALT SURFACE COURSE SHALL BE PAID FOR AS "WORK ZONE PAVEMENT MARKING REMOVAL".
13. THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT MIXTURE IS PLACED.
14. THE WIDTH OF THE EXISTING PAVEMENT TO BE RESURFACED IS THE NOMINAL WIDTH. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE EXISTING PAVEMENT WIDTH.
15. THE USE OF VIBRATORY ROLLERS IS PROHIBITED WITHIN THE CITY LIMITS OF LENZBURG AND MARISSA. THIS DOES NOT RELIEVE THE CONTRACTOR OF DENSITY REQUIREMENTS FOR THE CONSTRUCTION OF THE BITUMINOUS PAVEMENTS AS SPECIFIED IN THE APPROPRIATE SECTIONS OF THE STANDARD SPECIFICATIONS.
16. ALL SIDE ROADS RESURFACED WILL REQUIRE A BUTT JOINT. THE BUTT JOINT AND TEMPORARY RAMP WILL NOT BE PAID FOR SEPARATELY, BUT INCLUDED IN THE COST OF INCIDENTAL HMA SURFACING.
17. THE ESTIMATED QUANTITY OF 4348 TONS OF CUTTINGS IS FROM THE HOT-MIX ASPHALT SURFACE REMOVAL OPERATION.
18. THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. CONTACT THE DISTRICT 8 EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.

COMMITMENTS

NONE

STANDARDS

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 406201-01 MAILBOX TURNOUT
- 442201-03 CLASS C AND D PATCHES
- 701201-04 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS \geq 45 MPH
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-03 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS \geq 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701336-06 LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS \geq 45 MPH
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701502-05 URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
- 701801-05 SIDEWALK, CORNER, OR CROSSWALK CLOSURE
- 701901-02 TRAFFIC CONTROL DEVICES
- 780001-03 TYPICAL PAVEMENT MARKINGS
- 781001-03 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

FILE NAME =	USER NAME = chollenderke	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, & COMMITMENTS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\chollenderke\d0115523\076E88-shi-gannote.dgn		DRAWN -	REVISED -		103	(23,24)RS-4	ST. CLAIR	54	2			
	PLOT SCALE = 1/8"=1'-0"	CHECKED -	REVISED -					CONTRACT NO. 76E88				
	PLOT DATE = 3/22/2013	DATE -	REVISED -		SCALE: N/A	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				80% FED 20% STATE
				ROADWAY
				0005
				RURAL
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	44.2	44.2
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	40.2	40.2
40600300	AGGREGATE (PRIME COAT)	TON	195	195
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	218	218
40600990	TEMPORARY RAMP	SQ YD	114	114
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	11271.6	11271.6
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	233.2	233.2
44000152	HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"	SQ YD	81612	81612
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	129	129
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	7214	7214
44200192	PAVEMENT PATCHING, TYPE II, 16 INCH	SQ YD	958	958
44200196	PAVEMENT PATCHING, TYPE III, 16 INCH	SQ YD	240	240
44200198	PAVEMENT PATCHING, TYPE IV, 16 INCH	SQ YD	197	197
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	69790	69790

14

FILE NAME =	USER NAME = challondeske	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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#MODELNAME#	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		SCALE: N/A SHEET 1 OF 3 SHEETS STA. TO STA.				CONTRACT NO. 76E88				
	PLOT DATE = 3/22/2013	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				80% FED. 20% STATE	
				ROADWAY	
				0005	
				RURAL	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1787		1787
48203100	HOT-MIX ASPHALT SHOULDERS	TON	1852		1852
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4		4
67100100	MOBILIZATION	L SUM	1		1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1		1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1		1
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1		1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1		1
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1		1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1		1
* 70300100	SHORT TERM PAVEMENT MARKING	FOOT	9624		9624
* 70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	32		32
* 70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	99605		99605
* 70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1564		1564

* SPECIALTY ITEM

FILE NAME =	USER NAME = chollondaka	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 3/22/2013	DATE -	REVISED -									

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				80% FED.	20% STATE
				ROADWAY	RURAL
* 70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	30		30
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	39172		39172
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	498		498
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	498		498
* X7801000	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	32		32
* X7801004	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	99605		99605
+ Z0076600	TRAINEES	Hour	1,000		1,000
* X7801012	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1564		1564
+ Z0076604	TRAINEES, TRAINING PROGRAM GRADUATE	Hour	1,000		1,000
* X7801024	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	30		30

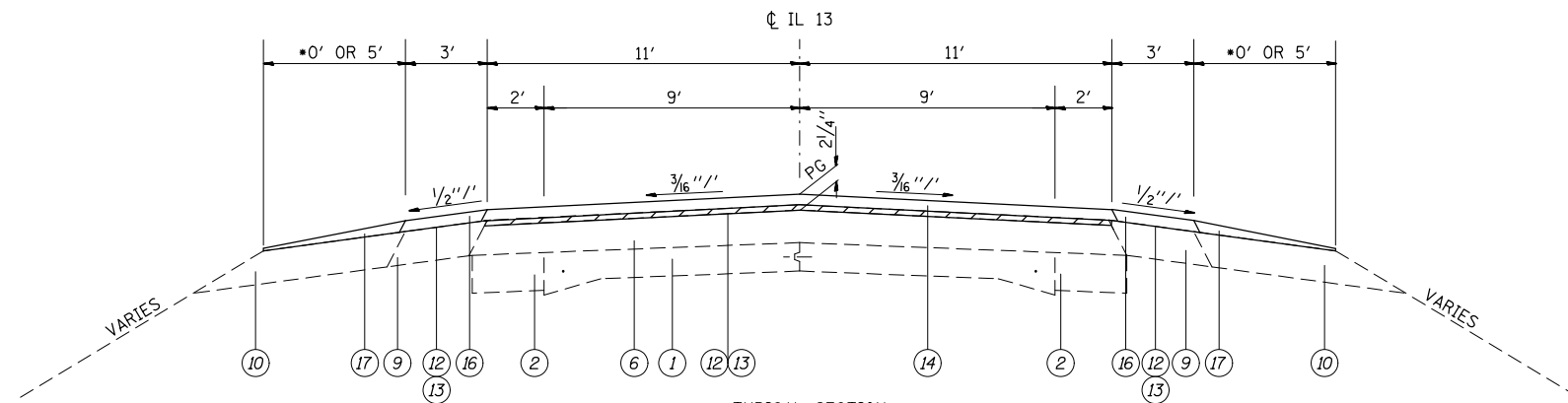
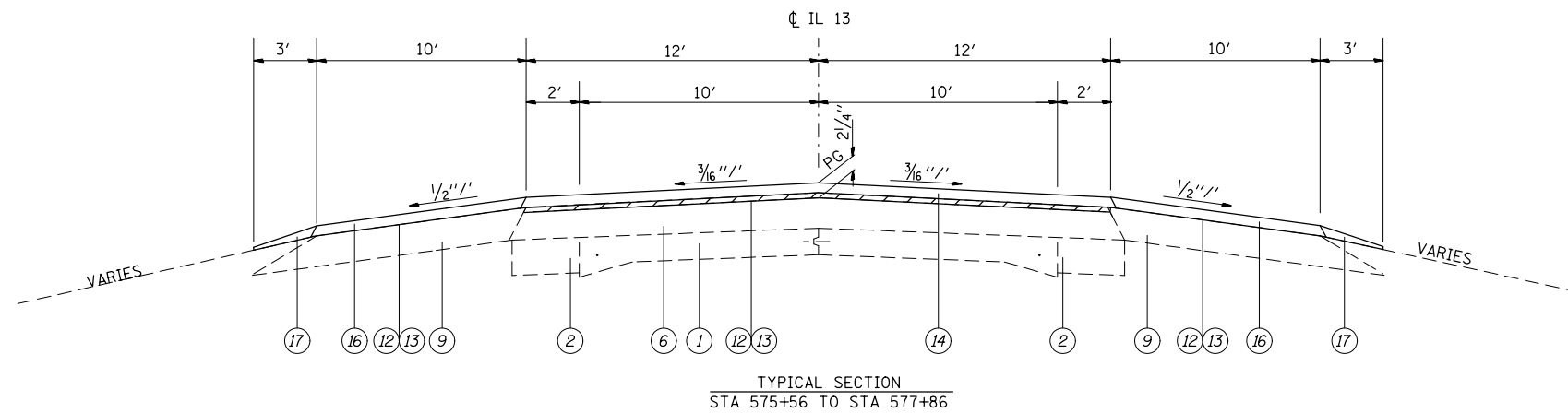
* SPECIALTY ITEM
+ 0042

FILE NAME *	USER NAME * ohallandeske	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
cr:\pwork\pwork\ohallandeske\08115523\876E88\sh-t-S00.dgn		DRAWN -	REVISED -		SCALE: N/A	SHEET 3	OF 3	SHEETS	STA.	TO STA.	103	(23, 24) RS-4	ST. CLAIR	54	5
PLOT SCALE * 1/80,0000 1/ in.		CHECKED -	REVISED -						CONTRACT NO. 76E88						
PLOT DATE * 3/22/2013		DATE -	REVISED -						[ILLINOIS] FED. AID PROJECT						

LEGEND

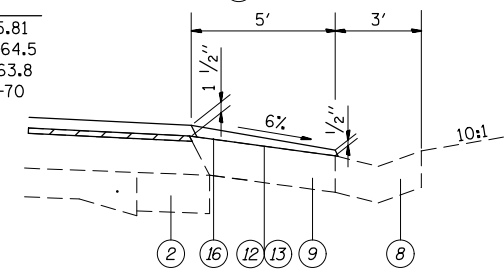
- ① EXISTING PCC PAVEMENT (9'-6"-9')
- ② EXISTING PCC BASE COURSE 10"
- ③ EXISTING HMA BASE COURSE 11"
- ④ EXISTING HMA BINDER CSE 12"
- ⑤ EXISTING HMA BASE COURSE WIDENING 9"
- ⑥ EXISTING HMA OVERLAY
- ⑦ EXISTING CONCRETE CURB & GUTTER
- ⑧ EXISTING CONCRETE GUTTER, TYPE A
- ⑨ EXISTING HMA SHOULDER
- ⑩ EXISTING AGGREGATE SHOULDER
- ⑪ EXISTING CONCRETE SHOULDER
- ⑫ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑬ PROPOSED AGGREGATE (PRIME COAT)
- ⑭ PROPOSED HMA SURFACE COURSE, 2 1/4"
- ⑮ OMITTED
- ⑯ PROPOSED HMA SHOULDERS, 1 1/2"
- ⑰ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B

-HMA SURFACE REMOVAL - 3/4"

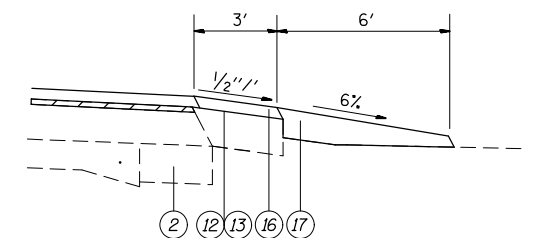


•0' LOCATIONS:
 STA 577+86 TO STA 585+75.81 LT & RT
 STA 646+31.59 TO STA 669+35 LT
 STA 794+75.12 TO STA 828+70 LT

TYPICAL SECTION
 STA 577+86 TO STA 585+75.81
 STA 597+10.97 TO STA 637+64.5
 STA 638+38.5 TO STA 737+63.8
 STA 738+24.7 TO STA 828+70



DETAIL OF GUTTER SECTION
 STA 658+14 TO STA 661+36 RT
 STA 665+64 TO STA 669+35 LT (REVERSED)



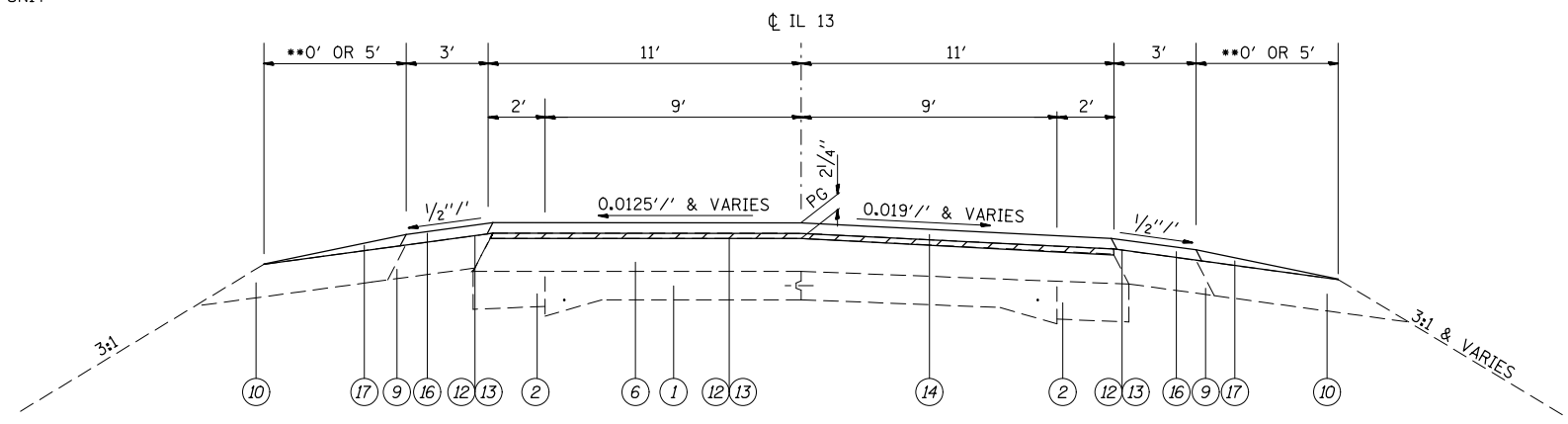
SHOULDER DETAIL
 STA 625+79 TO STA 635+35 RT

MIXTURE REQUIREMENTS

MIXTURE USE	SURFACE COURSE	PATCHING	INCIDENTAL SURFACE	HOT-MIX ASPHALT SHOULDERS ≥ 2.25"	HOT-MIX ASPHALT SHOULDERS < 2.25"
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPECIAL PROV	SEE SPECIAL PROV	SEE SPECIAL PROV	SEE CONTRACT RAP SPECIAL PROV	SEE CONTRACT RAP SPECIAL PROV
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70	**2.0% @ Ndes=30	**2.0% @ Ndes=30
MIX COMPOSITION					
(GRADATION MIXTURE)	IL 9.5	IL 19.0 F.G.		NMAS 3/4"	NMAS 1/2"
FRICTION AGG	MIXTURE "D"	MIXTURE "B"	MIXTURE "D"		

**TOP LIFT SHOULDERS - DESIGN THIS MIX AT 2% VOIDS AND ADD ASPHALT TO REDUCE VOIDS TO 1.5%.

PLAN QUANTITIES FOR HOT-MIX ASPHALT SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SQ YD/IN.



TYPICAL SECTION
 STA 585+75.81 TO STA 589+71.7
 STA 590+69.8 TO STA 597+10.97

••0' LOCATIONS:
 STA 595+80.97 TO STA 597+10.97

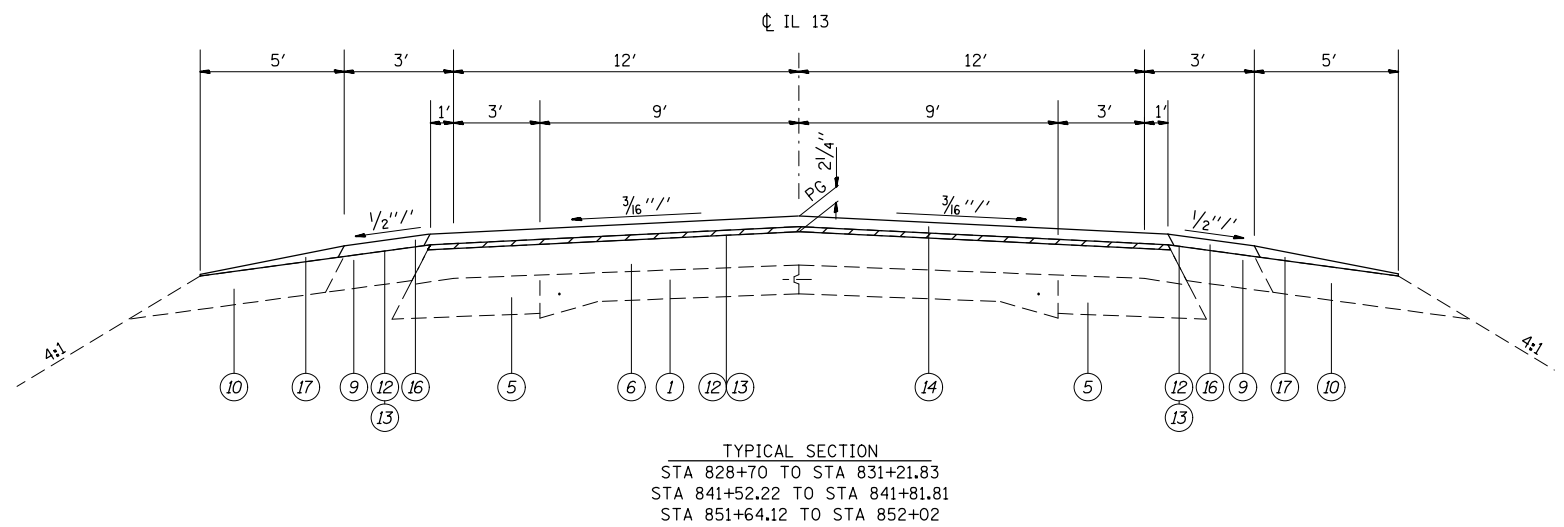
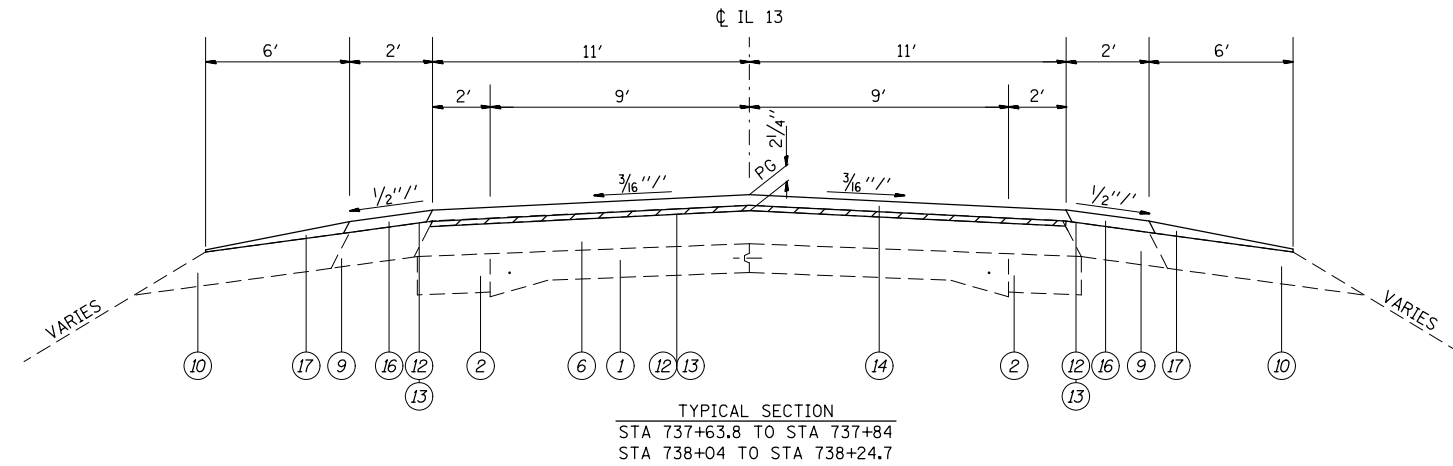
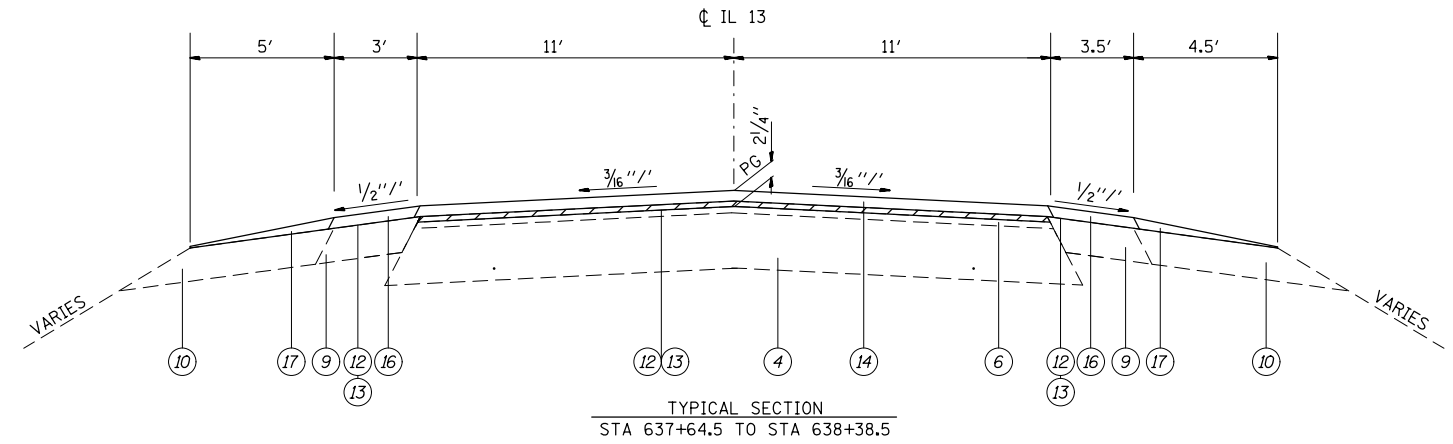
•EXISTING PCC PAVEMENT (9'-6"-9') HAS LONGITUDINAL METAL JOINT WITH TIE BARS AT 30' CENTERS AND 3/4" REINFORCEMENT BARS ALONG THE EDGE BEAM.

FILE NAME =	USER NAME = challandeske	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\p\midot\challandeske\d0115523\0876E88-sh-typical.dgn		DRAWN -	REVISED -		SCALE: N/A	SHEET NO. 1 OF 5 SHEETS	STA.	TO STA.	103	(23,24)RS-4	ST. CLAIR	54	6
PLOT SCALE = 100.0000' / 1in.		CHECKED -	REVISED -					CONTRACT NO. 76E88					
PLOT DATE = 3/22/2013		DATE -	REVISED -					ILLINOIS FED. AID PROJECT					

LEGEND

- ① EXISTING PCC PAVEMENT (9'-6"-9') •
- ② EXISTING PCC BASE COURSE 10"
- ③ EXISTING HMA BASE COURSE 11"
- ④ EXISTING HMA BINDER CSE 12"
- ⑤ EXISTING HMA BASE COURSE WIDENING 9"
- ⑥ EXISTING HMA OVERLAY
- ⑦ EXISTING CONCRETE CURB & GUTTER
- ⑧ EXISTING CONCRETE GUTTER, TYPE A
- ⑨ EXISTING HMA SHOULDER
- ⑩ EXISTING AGGREGATE SHOULDER
- ⑪ EXISTING CONCRETE SHOULDER
- ⑫ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑬ PROPOSED AGGREGATE (PRIME COAT)
- ⑭ PROPOSED HMA SURFACE COURSE, 2 1/4 "
- ⑮ OMITTED
- ⑯ PROPOSED HMA SHOULDERS, 1 1/2"
- ⑰ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B

-HMA SURFACE REMOVAL - 3/4"



FILE NAME =	USER NAME = challandeske	DESIGNED -	REVISED -
et:\pw\work\p\dot\challandeske\d0115523\0876E88-sh-typical.dgn		DRAWN -	REVISED -
PLOT SCALE = 100.0000' / 1in.		CHECKED -	REVISED -
PLOT DATE = 3/22/2013		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

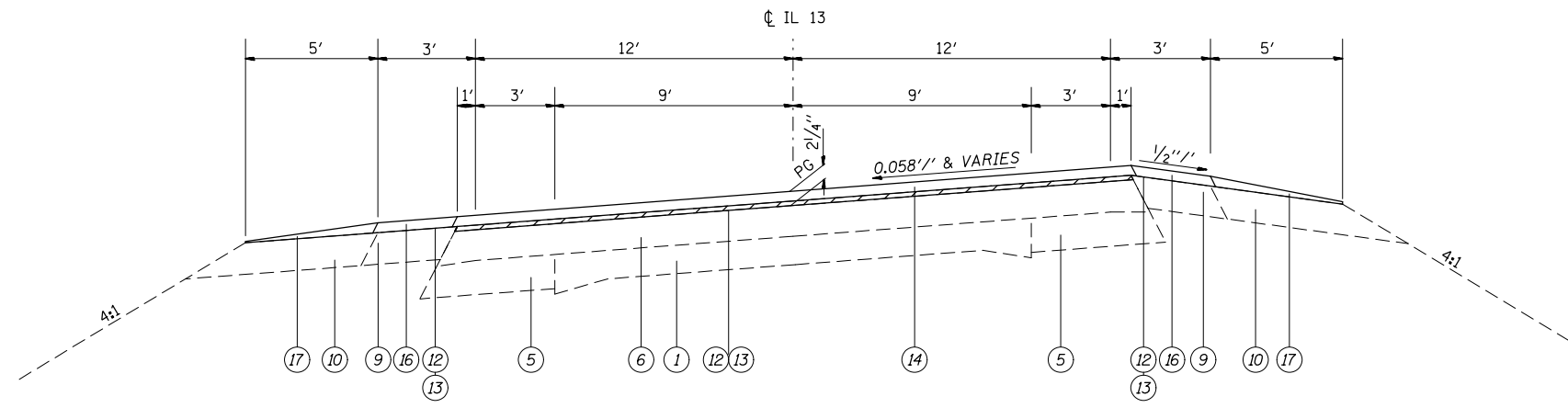
SCALE: N/A SHEET NO. 2 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(23,24)RS-4	ST. CLAIR	54	7
CONTRACT NO. 76E88				
ILLINOIS FED. AID PROJECT				

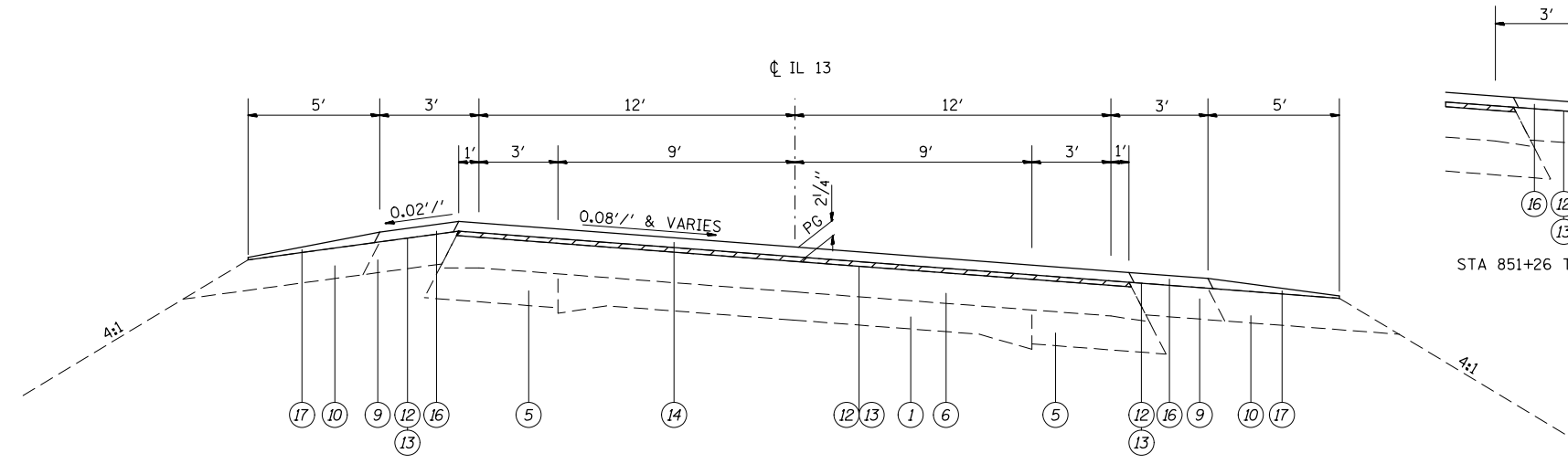
LEGEND

- ① EXISTING PCC PAVEMENT (9'-6"-9')
- ② EXISTING PCC BASE COURSE 10"
- ③ EXISTING HMA BASE COURSE 11"
- ④ EXISTING HMA BINDER CSE 12"
- ⑤ EXISTING HMA BASE COURSE WIDENING 9"
- ⑥ EXISTING HMA OVERLAY
- ⑦ EXISTING CONCRETE CURB & GUTTER
- ⑧ EXISTING CONCRETE GUTTER, TYPE A
- ⑨ EXISTING HMA SHOULDER
- ⑩ EXISTING AGGREGATE SHOULDER
- ⑪ EXISTING CONCRETE SHOULDER
- ⑫ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑬ PROPOSED AGGREGATE (PRIME COAT)
- ⑭ PROPOSED HMA SURFACE COURSE, 2 1/4 "
- ⑮ OMITTED
- ⑯ PROPOSED HMA SHOULDERS, 1 1/2"
- ⑰ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B

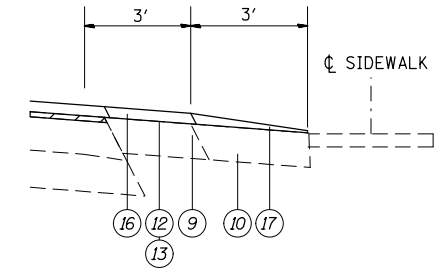
-HMA SURFACE REMOVAL - 3/4"



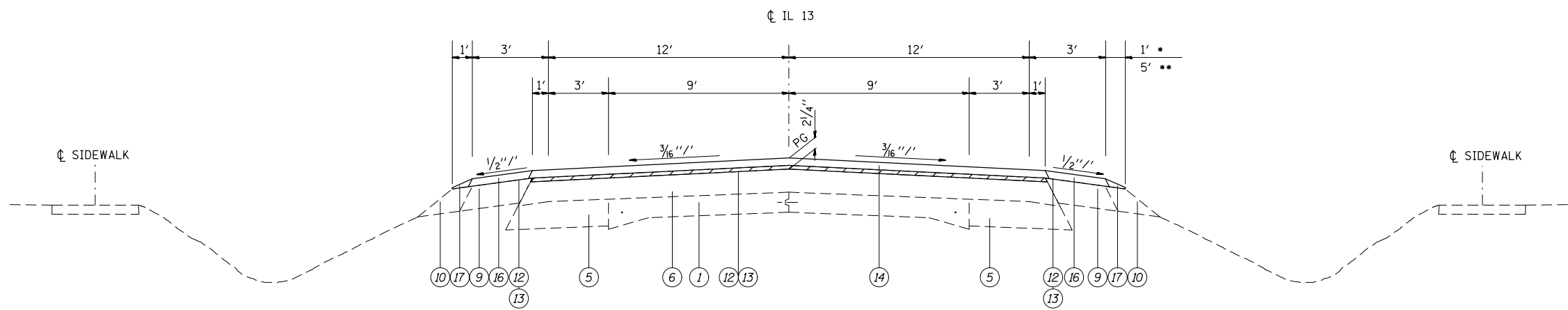
TYPICAL SECTION
STA 831+21.83 TO STA 841+52.22



TYPICAL SECTION
STA 841+81.81 TO STA 851+64.12



STA 851+26 TO STA 851+64.12 RT



TYPICAL SECTION
STA 852+02 TO STA 866+05
STA 881+97 TO STA 891+88 - (NO SHOULDER WORK)

- STA 856+09.5 TO STA 866+05
- STA 852+02 TO STA 855+77

FILE NAME =	USER NAME = chollandeske	DESIGNED -	REVISED -
et:\pw\work\p\dot\chollandeske\d0115523\0876E88-sh-typical.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 3/22/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

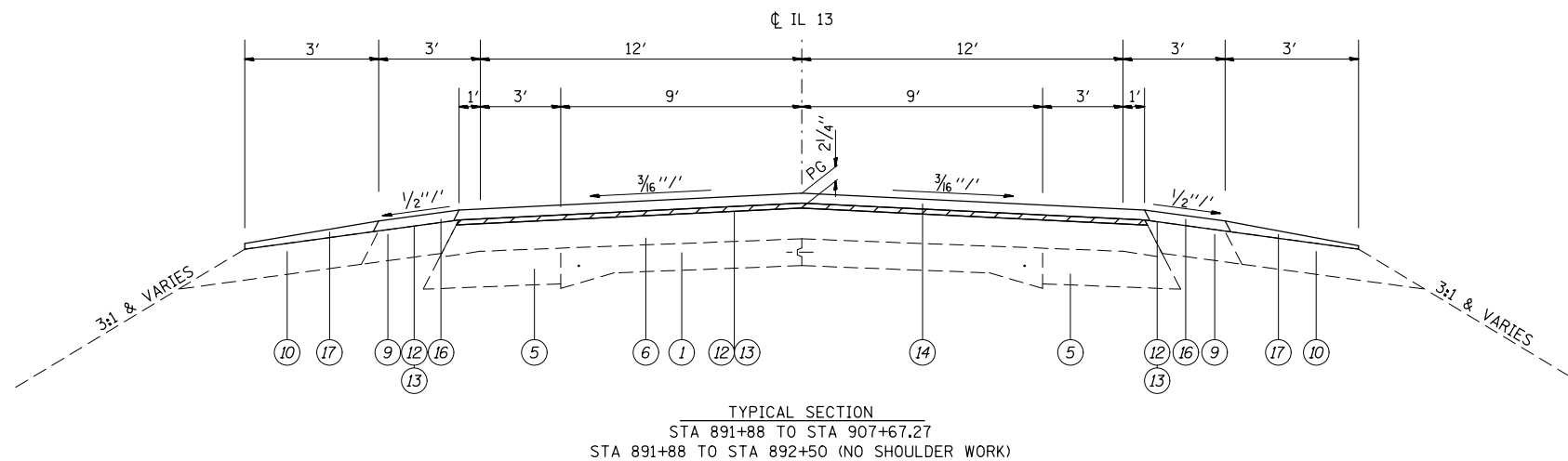
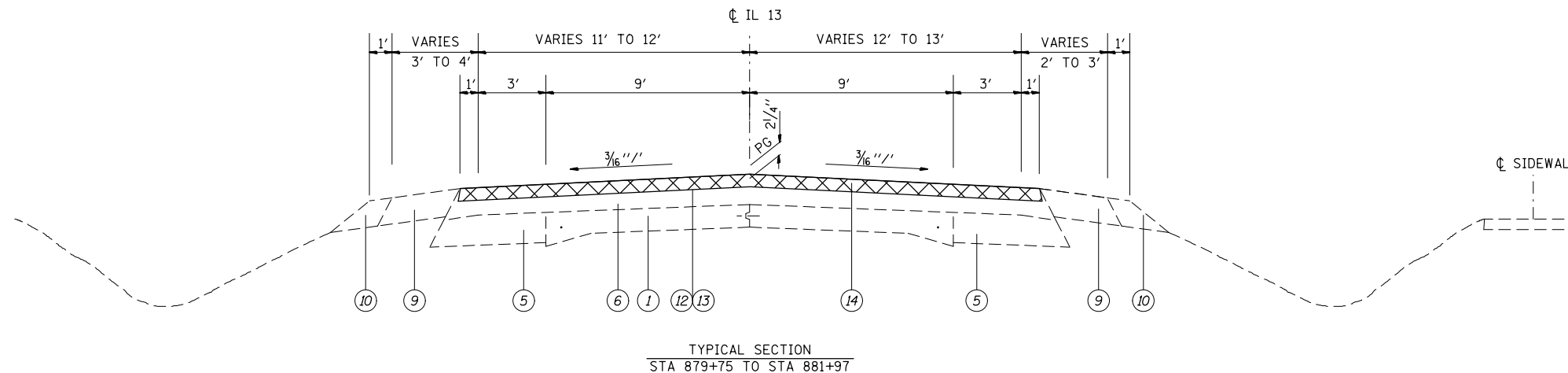
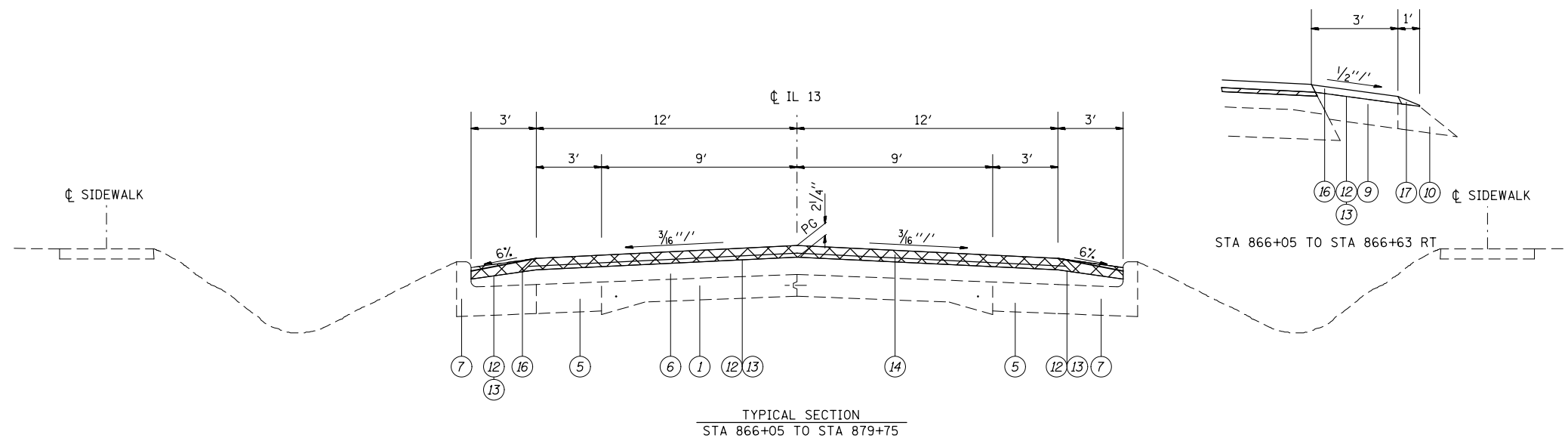
TYPICAL SECTIONS		
SCALE: N/A	SHEET NO. 3 OF 5 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(23,24)RS-4	ST. CLAIR	54	8
CONTRACT NO. 76E88				
ILLINOIS FED. AID PROJECT				

LEGEND

- ① EXISTING PCC PAVEMENT (9''-6''-9'')
- ② EXISTING PCC BASE COURSE 10''
- ③ EXISTING HMA BASE COURSE 11''
- ④ EXISTING HMA BINDER CSE 12''
- ⑤ EXISTING HMA BASE COURSE WIDENING 9''
- ⑥ EXISTING HMA OVERLAY
- ⑦ EXISTING CONCRETE CURB & GUTTER
- ⑧ EXISTING CONCRETE GUTTER, TYPE A
- ⑨ EXISTING HMA SHOULDER
- ⑩ EXISTING AGGREGATE SHOULDER
- ⑪ EXISTING CONCRETE SHOULDER
- ⑫ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑬ PROPOSED AGGREGATE (PRIME COAT)
- ⑭ PROPOSED HMA SURFACE COURSE, 2 1/4 ''
- ⑮ OMITTED
- ⑯ PROPOSED HMA SHOULDERS, 1 1/2''
- ⑰ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B

- HMA SURFACE REMOVAL - 3/4''
- HMA SURFACE REMOVAL - 2 1/4''



FILE NAME =	USER NAME = challandeske	DESIGNED -	REVISED -
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PLOT SCALE = 100.0000' / 1in.		CHECKED -	REVISED -
PLOT DATE = 3/22/2013		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

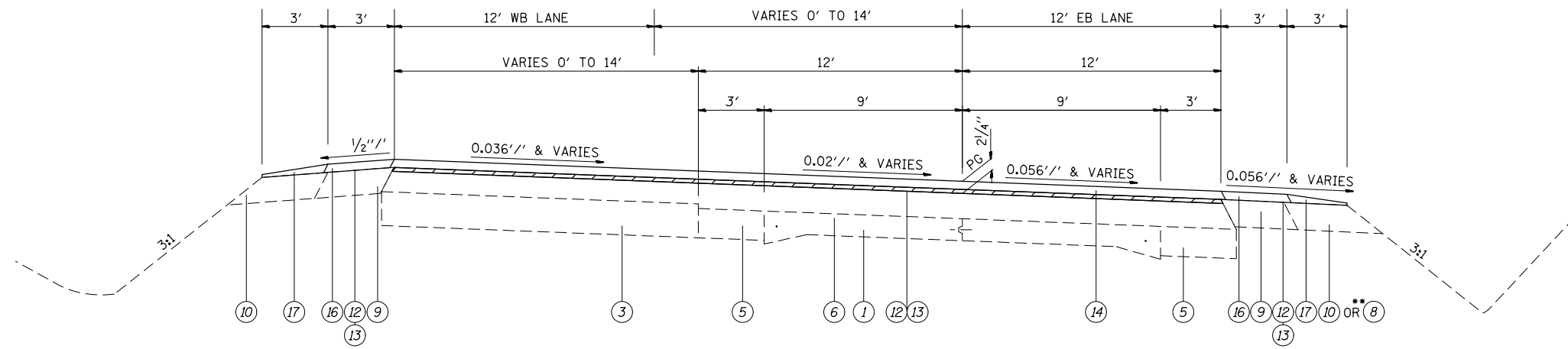
SCALE: N/A SHEET NO. 4 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(23,24)RS-4	ST. CLAIR	54	9
CONTRACT NO. 76E88				
ILLINOIS FED. AID PROJECT				

LEGEND

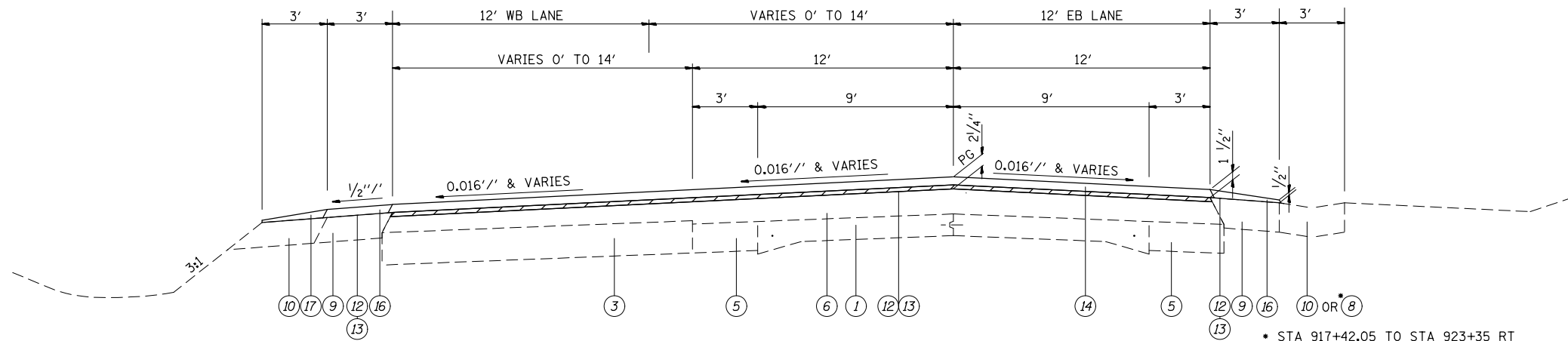
- ① EXISTING PCC PAVEMENT (9'-6"-9') •
- ② EXISTING PCC BASE COURSE 10"
- ③ EXISTING HMA BASE COURSE 11"
- ④ EXISTING HMA BINDER CSE 12"
- ⑤ EXISTING HMA BASE COURSE WIDENING 9"
- ⑥ EXISTING HMA OVERLAY
- ⑦ EXISTING CONCRETE CURB & GUTTER
- ⑧ EXISTING CONCRETE GUTTER, TYPE A
- ⑨ EXISTING HMA SHOULDER
- ⑩ EXISTING AGGREGATE SHOULDER
- ⑪ EXISTING CONCRETE SHOULDER
- ⑫ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑬ PROPOSED AGGREGATE (PRIME COAT)
- ⑭ PROPOSED HMA SURFACE COURSE, 2 1/4 "
- ⑮ OMITTED
- ⑯ PROPOSED HMA SHOULDERS, 1 1/2"
- ⑰ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B

-HMA SURFACE REMOVAL - 3/4"



TYPICAL SECTION
STA 907+67.27 TO STA 917+42.05

•• STA 915+00 TO STA 917+42.05 RT



TYPICAL SECTION
STA 917+42.05 TO STA 925+49

* STA 917+42.05 TO STA 923+35 RT

FILE NAME =	USER NAME = challandeske	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pwork\pwork\challandeske\d0115523\	0876E88-sh-typical.dgn	DRAWN -	REVISED -		SCALE: N/A	SHEET NO. 5 OF 5 SHEETS	STA.	TO STA.	103	(23,24)RS-4	ST. CLAIR	54	10
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -					CONTRACT NO. 76E88			ILLINOIS FED. AID PROJECT		
	PLOT DATE = 3/22/2013	DATE -	REVISED -										

STRIP REFLECTIVE CRACK CONTROL TREATMENT SCHEDULE			
LOCATION			STRIP REFLECTIVE CRACK CONTROL TREATMENT FOOT
575+56	TO	589+91.7	2871.4
590+69.8	TO	737+84	29428.4
738+04	TO	925+49	37490.0
TOTAL =			69790

REMOVAL SCHEDULE						
LOCATION			HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	HOT-MIX ASPHALT SURFACE REMOVAL 3/4"	HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"	HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2"
STATION	TO	STATION	SQ YD	SQ YD	SQ YD	SQ YD
575+56	TO	575+71	74			
575+71	TO	577+86		573.3		
577+86	TO	589+59		2867.3		
589+59	TO	589+91.7				64.4
MILLING OMISSION - SN 082-0281						
590+69.8	TO	591+02.5				64.4
591+02.5	TO	737+69		35851.4		
737+69	TO	737+84	47			
MILLING OMISSION - SN 082-0283						
738+04	TO	738+19	47			
738+19	TO	828+70		22124.7		
828+70	TO	865+75		9880.0		
865+75	TO	892+80			7213.3	
892+80	TO	908+67.27		4232.7		
908+67.27	TO	917+00		3053.3		
917+00	TO	919+00		844.4		
919+00	TO	925+34		2183.8		
925+34	TO	925+49	50			
SUBTOTAL =			218	81611.1	7213.3	128.8
TOTAL =			218	81612	7214	129

PAVING SCHEDULE									
LOCATION			BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	HOT-MIX ASPHALT SURFACE COURSE	HOT-MIX ASPHALT SHOULDERS		AGG WEDGE SHOULDER, TYPE B	
STATION	TO	STATION	TON	TON	TON	LEFT	RIGHT	LEFT	RIGHT
MAINLINE IL 13									
575+56	TO	577+86	0.35	1.69	77.28	21.47	21.47	6.39	6.39
577+86	TO	589+59	1.14	5.47	361.28	32.84	32.84	32.58	32.58
589+59	TO	589+79	0.02	0.09	11.91	0.56	0.56	0.56	0.56
589+79	TO	590+82.5	0.12	0.55	35.42	4.83	4.83		
590+82.5	TO	591+02.5	0.02	0.09	11.57	0.56	0.56	0.56	0.56
591+02.5	TO	659+13	6.63	31.78	2097.63	190.69	190.69	189.16	189.16
659+13	TO	661+36.5	0.23	1.12	68.84	6.26	10.43	6.21	6.21
661+36.5	TO	665+64	0.42	2.00	131.67	11.97	11.97	11.87	11.87
665+64	TO	669+35	0.39	1.86	114.27	17.31	10.39	10.30	10.30
669+35	TO	737+84	6.67	31.96	2109.49	191.77	191.77	190.23	190.23
OMISSION - SN 082-0283									
738+04	TO	828+70	8.83	42.31	2792.33	253.85	253.85	251.81	251.81
828+70	TO	865+75	3.61	18.53	1244.88	103.74	103.74	102.91	102.91
865+75	TO	892+80	2.26	10.82	908.88				
892+80	TO	908+67.27	1.55	7.94	533.32	44.44	44.44	44.09	44.09
908+67.27	TO	917+00	0.81	4.16	384.72	23.32	23.32	23.13	23.13
917+00	TO	919+00	0.19	1.00	106.40	5.60	5.60	5.56	5.56
919+00	TO	925+49	0.63	3.25	281.67	18.17	18.17	18.03	18.03
SUBTOTAL =			33.85	164.61	11271.57	927.39	924.63	893.37	893.37
TOTAL =			33.9	165	11271.6	1852		1787	

TEMPORARY RAMP SCHEDULE					
LOCATION			WIDTH	LENGTH	TEMPORARY RAMP
STATION	TO	STATION	FOOT	FOOT	SQ YD
575+56	TO	575+61	44	5	24.44
589+86.7	TO	589+91.7	28	5	15.56
590+69.8	TO	590+74.8	28	5	15.56
737+79	TO	737+84	28	5	15.56
738+04	TO	738+09	28	5	15.56
925+44	TO	925+49	30	5	16.67
* 886+60	LT		6	7.5	5.00
* 886+60	RT		6	7.5	5.00
SUBTOTAL =					113.33
TOTAL =					114

*CROSSWALK LOCATION

PATCHING SCHEDULE

LOCATION	DIRECTION (EB/WB/NB/SB)	WIDTH FOOT	LENGTH FOOT	AREA SQ YD	PAVEMENT PATCHING		
					TYPE II SQ YD	TYPE III SQ YD	TYPE IV SQ YD
576+70	EB	12	10	13.3	13.3		
576+70	WB	12	10	13.3	13.3		
578+30	EB	11	10	12.2	12.2		
578+30	WB	11	10	12.2	12.2		
579+90	WB	11	6	7.3	7.3		
580+25	EB	11	6	7.3	7.3		
581+10	EB	11	6	7.3	7.3		
581+10	WB	11	6	7.3	7.3		
582+70	EB	11	10	12.2	12.2		
589+60	EB	11	12	14.7	14.7		
589+60	WB	11	12	14.7	14.7		
591+60	EB	11	6	7.3	7.3		
591+60	WB	11	6	7.3	7.3		
592+60	EB	11	8	9.8	9.8		
592+60	WB	11	8	9.8	9.8		
596+70	EB	11	12	14.7	14.7		
606+10	EB	11	10	12.2	12.2		
606+10	WB	11	10	12.2	12.2		
607+20	EB	11	30	36.7			36.7
607+20	WB	11	30	36.7			36.7
613+15	EB	11	6	7.3	7.3		
613+15	WB	11	6	7.3	7.3		
614+60	EB	11	10	12.2	12.2		
614+60	WB	11	10	12.2	12.2		
621+70	EB	11	20	24.4		24.4	
621+70	WB	11	6	7.3	7.3		
625+70	WB	11	10	12.2	12.2		
625+80	EB	11	10	12.2	12.2		
632+25	EB	11	6	7.3	7.3		
632+25	WB	11	6	7.3	7.3		
632+40	WB	11	6	7.3	7.3		
638+00	EB	11	40	48.9			48.9
638+00	WB	11	40	48.9			48.9
638+90	EB	11	12	14.7	14.7		
638+90	WB	11	12	14.7	14.7		
639+20	EB	11	10	12.2	12.2		
639+20	WB	11	10	12.2	12.2		
653+00	EB	11	6	7.3	7.3		
653+00	WB	11	6	7.3	7.3		
654+00	EB	11	12	14.7	14.7		
654+00	WB	11	6	7.3	7.3		
657+40	EB	11	6	7.3	7.3		
657+40	WB	11	6	7.3	7.3		
666+70	EB	11	6	7.3	7.3		
672+00	EB	11	10	12.2	12.2		
672+00	WB	11	10	12.2	12.2		
675+00	EB	11	6	7.3	7.3		
675+00	WB	11	6	7.3	7.3		
676+60	EB	11	6	7.3	7.3		
676+60	WB	11	6	7.3	7.3		
SUBTOTAL =					454.4	24.4	171.1
ADDITIONAL 15% =					522.6	28.1	196.8
TOTAL (A) =					523	29	197

LOCATION	DIRECTION (EB/WB/NB/SB)	WIDTH FOOT	LENGTH FOOT	AREA SQ YD	PAVEMENT PATCHING		
					TYPE II SQ YD	TYPE III SQ YD	TYPE IV SQ YD
669+00	EB	11	6	7.3	7.3		
669+00	WB	11	6	7.3	7.3		
669+95	EB	11	10	12.2	12.2		
669+95	WB	11	10	12.2	12.2		
683+15	EB	11	20	24.4		24.4	
683+15	WB	11	20	24.4		24.4	
694+60	EB	11	20	24.4		24.4	
694+60	WB	11	20	24.4		24.4	
695+60	EB	11	10	12.2	12.2		
695+60	WB	11	10	12.2	12.2		
696+40	EB	11	6	7.3	7.3		
696+40	WB	11	6	7.3	7.3		
697+70	EB	11	12	14.7	14.7		
697+70	WB	11	6	7.3	7.3		
699+20	EB	11	10	12.2	12.2		
699+20	WB	11	10	12.2	12.2		
700+60	EB	11	6	7.3	7.3		
700+60	WB	11	6	7.3	7.3		
701+05	EB	11	6	7.3	7.3		
701+05	WB	11	6	7.3	7.3		
701+45	EB	11	6	7.3	7.3		
712+40	EB	11	15	18.3		18.3	
712+40	WB	11	15	18.3		18.3	
712+70	EB	11	6	7.3	7.3		
714+30	EB	11	8	9.8	9.8		
716+90	WB	11	6	7.3	7.3		
718+40	EB	11	8	9.8	9.8		
729+95	EB	11	6	7.3	7.3		
740+30	EB	11	6	7.3	7.3		
755+50	WB	11	6	7.3	7.3		
756+40	EB	11	6	7.3	7.3		
756+40	WB	11	6	7.3	7.3		
763+70	WB	11	6	7.3	7.3		
766+25	EB	11	6	7.3	7.3		
772+60	WB	11	6	7.3	7.3		
774+40	EB	11	20	24.4		24.4	
774+40	WB	11	20	24.4		24.4	
781+15	EB	11	6	7.3	7.3		
781+15	WB	11	6	7.3	7.3		
786+10	WB	11	6	7.3	7.3		
789+95	WB	11	6	7.3	7.3		
795+95	EB	11	6	7.3	7.3		
795+95	WB	11	6	7.3	7.3		
805+30	WB	11	6	7.3	7.3		
854+50	NB	12	6	8.0	8.0		
854+50	SB	12	6	8.0	8.0		
874+05	SB	12	10	13.3	13.3		
915+70	EB	18	6	12.0	12.0		
922+40	EB	15	6	10.0	10.0		
922+40	WB	15	6	10.0	10.0		
922+90	WB	12	8	10.7	10.7		
SUBTOTAL =					377.6	183.3	0.0
ADDITIONAL 15% =					434.2	210.8	0.0
TOTAL (B) =					435	211	0
TOTAL (A + B) =					958	240	197

FILE NAME =	USER NAME = chollandeske	DESIGNED -	REVISED -
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	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 3/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: N/A SHEET NO. 2 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(23,24)RS-4	ST. CLAIR	54	12
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76E88	

ENTRANCE SCHEDULE																			
STATION	LT/RT	PE / CE / FE	BIT/ AGG/ EARTH	MAILBOX TURNOUT YES/NO	WIDTH FOOT	INCIDENTAL HMA SURFACING TON	BIT MATERIALS (PRIME COAT) TON	AGGREGATE (PRIME COAT) TON	AGG SURF CSE, TY B TON	STATION	LT/RT	PE / CE/FE	BIT/ AGG/ EARTH	MAILBOX TURNOUT YES/NO	WIDTH FOOT	INCIDENTAL HMA SURFACING TON	BIT MATERIALS (PRIME COAT) TON	AGGREGATE (PRIME COAT) TON	AGG SURF CSE, TY B TON
593+74	RT	CE	AGG	NO	95	1.18	0.01	0.03		815+84	LT	FE	EARTH	NO	60	0.75	0.00	0.02	
595+53	LT	PE	AGG	YES	30	0.37	0.00	0.01	3.4	816+54	RT	FE	EARTH	NO	30	0.37	0.00	0.01	
595+68	LT	FE	EARTH	NO		0.00	0.00	0.00		827+73	RT	FE	EARTH	NO	24	0.30	0.00	0.01	
599+02	RT	FE	EARTH	NO		0.00	0.00	0.00		828+07	LT	FE	EARTH	NO	40	0.50	0.00	0.01	
606+96	RT	FE	EARTH	NO		0.00	0.00	0.00		832+51	LT	PE	AGG	NO	47	0.58	0.00	0.02	
637+81	LT	PE	AGG	NO	34	0.42	0.00	0.01		838+90	RT	CE	AGG	NO	160	1.99	0.01	0.05	
639+92	RT	PE	AGG	YES		0.00	0.00	0.00	3.4	840+49	RT	CE	AGG	YES	44	0.55	0.00	0.01	3.4
643+86	RT	PE	AGG	NO	25	0.31	0.00	0.01		841+22	RT	CE	AGG	NO	45	0.56	0.00	0.02	
										842+39	RT	PE	BIT	YES	23	0.29	0.00	0.01	3.4
658+31	RT	CE	CONC	NO	20	0.25	0.00	0.01		843+49	LT	FE	AGG	NO	30	0.37	0.00	0.01	
659+62	RT	CE	CONC	NO	20	0.25	0.00	0.01		844+75	LT	CE	CONC	NO	43	0.54	0.00	0.01	
660+96	RT	CE	CONC	NO	20	0.25	0.00	0.01		844+75	RT	FE	AGG	NO	47	0.58	0.00	0.02	
663+02	LT	CE	CONC	NO	31	0.39	0.00	0.01		845+72	RT	CE	AGG	NO	40	0.50	0.00	0.01	
667+45	RT	FE	EARTH	NO	23	0.29	0.00	0.01		846+72	LT	CE	AGG	NO	50	0.62	0.00	0.02	
668+51	RT	PE	CONC	YES	26	0.32	0.00	0.01	3.4	848+20	RT	PE	BIT	NO	27	0.34	0.00	0.01	
669+15	RT	PE	AGG	NO	28	0.35	0.00	0.01		849+50	LT	CE	AGG	NO	113	1.41	0.01	0.04	
670+13	RT	PE	AGG	NO	40	0.50	0.00	0.01		849+50	RT	PE	BIT	YES	34	0.42	0.00	0.01	3.4
670+14	LT	PE	AGG	NO	26	0.32	0.00	0.01		851+16	LT	CE	AGG	NO	125	1.56	0.01	0.04	
671+38	LT	FE	EARTH	NO		0.00	0.00	0.00		854+24	RT	PE	BIT	YES	18	0.22	0.00	0.01	3.4
674+13	RT	PE	AGG	NO	26	0.32	0.00	0.01		854+74	RT	PE	AGG	YES	20	0.25	0.00	0.01	
678+20	LT	PE	AGG	NO	43	0.54	0.00	0.01		856+18	RT	ALLEY	BIT	NO	34	0.42	0.00	0.01	
679+50	RT	FE	AGG	NO	38	0.47	0.00	0.01		856+98	RT	PE	AGG	NO	22	0.27	0.00	0.01	
679+95	LT	PE	AGG	NO	46	0.57	0.00	0.02		856+99	LT	PE	AGG	NO	25	0.31	0.00	0.01	
681+84	RT	FE	EARTH	NO		0.00	0.00	0.00		857+44	RT	PE	AGG	NO	16	0.20	0.00	0.01	
684+72	LT	PE	AGG	NO	46	0.57	0.00	0.02		858+20	RT	CE	BIT	NO	36	0.45	0.00	0.01	
687+67	LT	PE	AGG	NO	47	0.58	0.00	0.02		858+55	LT	PE	BIT	NO	20	0.25	0.00	0.01	
687+75	RT	FE	EARTH	NO	18	0.22	0.00	0.01		858+90	RT	PE	BIT	NO	60	0.75	0.00	0.02	
692+83	LT	PE	AGG	NO	38	0.47	0.00	0.01		858+94	LT	PE	BIT	NO	30	0.37	0.00	0.01	
697+21	LT	FE	EARTH	NO	20	0.25	0.00	0.01		859+32	LT	PE	BIT	NO	36	0.45	0.00	0.01	
701+90	LT	FE	EARTH	NO	18	0.22	0.00	0.01		859+80	RT	PE	CONC	NO	70	0.87	0.00	0.02	
712+73	LT	FE	EARTH	NO	33	0.41	0.00	0.01		861+17	LT	PE	AGG	YES	22	0.27	0.00	0.01	3.4
713+23	LT	FE	EARTH	NO	37	0.46	0.00	0.01		861+18	RT	PE	AGG	NO	36	0.45	0.00	0.01	
719+17	RT	PE	AGG	NO	48	0.60	0.00	0.02		862+06	RT	PE	CONC	YES	28	0.35	0.00	0.01	3.4
725+00	RT	PE	BIT	NO	63	0.78	0.00	0.02		862+90	LT	PE	AGG	NO	20	0.25	0.00	0.01	
733+36	RT	PE	AGG	YES	82	1.02	0.01	0.03	3.4	863+25	RT	PE	AGG	NO	20	0.25	0.00	0.01	
741+19	RT	FE	EARTH	NO	26	0.32	0.00	0.01		864+62	RT	CE	AGG	NO	53	0.66	0.00	0.02	
744+00	LT	FE	AGG	NO	50	0.62	0.00	0.02		866+50	RT	CE	BIT	NO	54	N/A			
745+39	RT	PE	AGG	NO	51	0.63	0.00	0.02		868+65	RT	PE	CONC	NO	22	N/A			
746+52	RT	FE	AGG	NO	38	0.47	0.00	0.01		869+15	RT	PE	CONC	NO	23	N/A			
747+32	LT	FE	EARTH	NO	35	0.44	0.00	0.01		869+75	RT	PE	AGG	NO	25	N/A			
751+50	RT	FE	EARTH	NO		0.00	0.00	0.00		870+50	LT	PE	CONC	NO	30	N/A			
764+54	RT	PE	AGG	YES	50	0.62	0.00	0.02	3.4	870+51	RT	PE	AGG	NO	26	N/A			
773+83	RT	FE	EARTH	NO	43	0.54	0.00	0.01											
774+80	LT	FE	EARTH			0.00	0.00	0.00		872+48	LT	PE	CONC	NO	22	N/A			
781+55	LT	PE	AGG	NO	72	0.90	0.01	0.02		872+71	RT	CE	CONC	NO	54	N/A			
788+84	LT	FE	EARTH	NO	36	0.45	0.00	0.01		873+83	RT	PE	AGG	NO	23	N/A			
788+84	RT	FE	EARTH	NO	36	0.45	0.00	0.01		876+91	RT	PE	AGG	NO	25	N/A			
796+99	RT	FE	EARTH	NO	33	0.41	0.00	0.01		880+20	RT	CE	CONC	NO	35	N/A			
808+20	LT	FE	EARTH	NO	70	0.87	0.00	0.02		880+61	LT	CE	BIT	NO	43	N/A			
SUBTOTAL (i) =										SUBTOTAL (ii) =									
20.0										19.8									
0.11										0.11									
0.54										0.53									
17.0										20.4									

NOTE: ENTRANCE AND SIDEROAD STATIONS SHOWN IN SCHEDULE MAY VARY FROM WHAT IS SHOWN IN PLAN VIEW FROM EXISTING MICROFILM.

FILE NAME =	USER NAME = chollandeske	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\midot\chollandeske\d0115523\0876E88-sh-t-plan overview.dgn	DRAWN -	REVISED -	103					(23,24)RS-4	ST. CLAIR	54	13	
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -	CONTRACT NO. 76E88									
PLOT DATE = 3/22/2013	DATE -	REVISED -	SCALE: N/A					SHEET NO. 3 OF 8 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

ENTRANCE SCHEDULE									
LOCATION	SIDE	PE / CE / FE	BIT/ AGG/ EARTH	MAILBOX TURNOUT	WIDTH	INCIDENTAL HMA SURFACING	BIT MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	AGG SURF CSE, TY B
STATION	LT/RT			YES/NO	FOOT	TON	TON	TON	TON
880+83	RT	CE	CONC	NO	35	N/A			
881+41	LT	ALLEY	BIT	NO	20	N/A			
881+42	RT	ALLEY	AGG	NO	22	N/A			
884+16	LT	PE	CONC	NO	20	N/A			
884+28	LT	PE	CONC	NO	13	N/A			
884+83	RT	PE	AGG	NO	19	N/A			
884+94	LT	PE	AGG	NO	15	N/A			
885+45	LT	PE	AGG	NO	16	N/A			
885+62	RT	PE	AGG	NO	20	N/A			
886+07	RT	PE	AGG	NO	22	N/A			
887+29	RT	ALLEY	BIT	NO	20	N/A			
889+79	LT	PE	BIT	NO	28	N/A			
890+25	RT	ALLEY	BIT	NO	40	N/A			
893+25	RT	PE	CONC	NO	20	0.25	0.00	0.01	
894+00	LT	CE	BIT	NO	66	0.82	0.00	0.02	
896+80	LT	CE	BIT	NO	50	0.62	0.00	0.02	
898+60	RT	CE	CONC	NO	40	0.50	0.00	0.01	
898+88	LT	CE	BIT	NO	48	0.60	0.00	0.02	
899+23	RT	CE	CONC	NO	40	0.50	0.00	0.01	
899+63	LT	CE	BIT	NO	41	0.51	0.00	0.01	
900+80	RT	CE	CONC	NO	50	0.62	0.00	0.02	
900+88	LT	CE	BIT	NO	48	0.60	0.00	0.02	
902+12	RT	CE	CONC	NO	39	0.49	0.00	0.01	
902+47	LT	CE	CONC	NO	40	0.50	0.00	0.01	
902+97	LT	CE	BIT	NO	23	0.29	0.00	0.01	
903+49	LT	CE	AGG	NO	50	0.62	0.00	0.02	
904+49	LT	CE	AGG	NO	55	0.68	0.00	0.02	
904+90	RT	CE	BIT	NO	46	0.57	0.00	0.02	
905+32	LT	CE	AGG	NO	50	0.62	0.00	0.02	
906+17	RT	CE	BIT	NO	47	0.58	0.00	0.02	
907+03	RT	PE	AGG	YES	32	0.40	0.00	0.01	3.4
908+83	RT	PE	AGG	NO	35	0.44	0.00	0.01	
908+83	LT	CE	BIT	NO	60	0.75	0.00	0.02	
910+72	RT	PE	AGG	NO	16	0.20	0.00	0.01	
924+27	LT	CE	BIT	NO	82	1.02	0.01	0.03	
925+57	LT	CE	AGG	NO	120	1.49	0.01	0.04	
ADDITIONAL MAILBOX TURN OUT AT STA. 865+62									3.4
SUBTOTAL (iii) =						13.7	0.08	0.37	6.8
SUBTOTAL (i+ii+iii) =						53.4	0.3	1	44.2
TOTAL (i+ii+iii+iv) =						233.2	6.3	30	44.2

SIDE ROAD SCHEDULE							
LOCATION	SIDE	LENGTH	WIDTH	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	INCIDENTAL HMA SURFACING	COMMENTS
STATION	LT/RT	FOOT	FOOT	TON	TON	TON	
590+16	RT	7.5	50	0.12	0.56	3.50	SCHNEIDER ROAD
625+73	LT	7.5	90	0.21	1.01	6.30	LENZBURG NORTH ROAD
625+73	RT	7.5	99	0.23	1.11	6.93	LENZBURG NORTH ROAD
630+90	LT	7.5	35.0	0.08	0.39	2.45	NORTH FIRST STREET
630+90	RT	7.5	142.0	0.33	1.60	9.94	NORTH FIRST STREET
631+70	LT	7.5	104.0	0.24	1.17	7.28	NASHVILLE ROAD
635+71	LT	7.5	52.0	0.12	0.59	3.64	N SECOND STREET
635+71	RT	7.5	48.0	0.11	0.54	3.36	N SECOND STREET
637+82	RT	7.5	78.0	0.18	0.88	5.46	E PINCKNEYVILLE STREET
638+85	LT	7.5	54.0	0.13	0.61	3.78	E PINCKNEYVILLE STREET
645+40	LT	7.5	55.0	0.13	0.62	3.85	N FOURTH STREET
645+96	RT	7.5	52.0	0.12	0.59	3.64	PETRI ROAD
696+00	RT	7.5	70.0	0.16	0.79	4.90	HOTZ ROAD
729+26	LT	7.5	80.0	0.19	0.90	5.60	FRED HUTH ROAD
765+18	RT	7.5	150.0	0.35	1.69	10.50	GREEN DIAMOND RD./TIBEREND TRAIL
807+42	RT	7.5	93.0	0.22	1.05	6.51	HILLSTOWN ROAD
835+44	RT	7.5	66.0	0.15	0.74	4.62	N PARK AVE
849+20	LT	7	196.0	0.43	2.06	12.81	SCHOOL VIEW DRIVE
852+47	LT	7.5	48.0	0.11	0.54	3.36	EAST MARISSA WEST
852+47	RT	7.5	50.0	0.12	0.56	3.50	EAST MARISSA WEST
854+45	LT	7.5	43.0	0.10	0.48	3.01	COMMERCIAL STREET
856+36	RT	7.5	35.0	0.08	0.39	2.45	1ST STREET
856+43	LT	7.5	56.0	0.13	0.63	3.92	1ST STREET
864+26	LT	7.5	47.0	0.11	0.53	3.29	BILDERBACK STREET
867+83	RT	7.5	40.0			N/A	8TH STREET
867+83	LT	7.5	42.0			N/A	8TH STREET
871+89	LT	7.5	44.0			N/A	7TH STREET
871+89	RT	7.5	51.0			N/A	7TH STREET
875+77	RT	7.5	52.0			N/A	SPRING STREET
875+77	LT	7.5	42			N/A	SPRING STREET
883+14	RT	7.5	55			N/A	HAMILTON AVE
886+65	LT	7.5	34			N/A	BESS AVENUE
888+63	LT	7.5	57			N/A	GRACE AVENUE
888+63	RT	7.5	58			N/A	GRACE AVENUE
892+12	LT	7.5	59			N/A	N BORDERS STREET
892+12	RT	7.5	60			N/A	N BORDERS STREET
894+27	RT	7.5	50	0.12	0.56	3.50	SUNRISE DRIVE
896+70	RT	7.5	45	0.11	0.51	3.15	EAST DRIVE
899+72	RT	7.5	50	0.12	0.56	3.50	JOAN AVENUE
910+94	LT	7.5	77	0.18	0.87	5.39	CONN ROAD
918+78	LT	35.5	108.0	1.20	5.75	35.78	IL 4
924+01	RT	7.5	55.0	0.1	0.62	3.85	FINGER HILL ROAD
SUBTOTAL (iv) =				6.0	29	179.8	

NOTE: ENTRANCE AND SIDEROAD STATIONS SHOWN IN SCHEDULE MAY VARY FROM WHAT IS SHOWN IN PLAN VIEW FROM EXISTING MICROFILM.

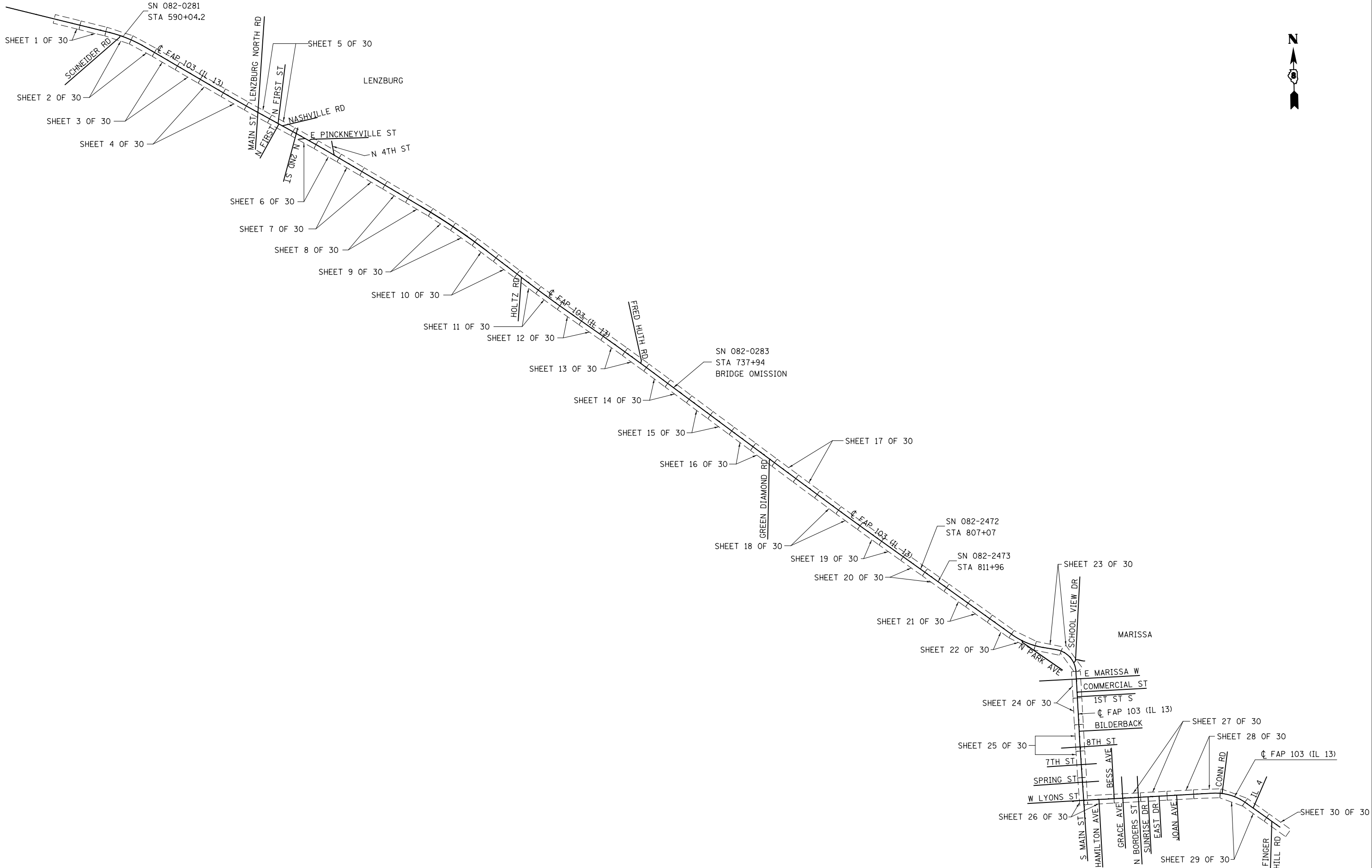
FILE NAME =	USER NAME = challandeske	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\midot\challandeske\d0115523\	0876E88-sh-t-plan overview.dgn	DRAWN -	REVISED -					103	(23,24)RS-4	ST. CLAIR	54	14
#MODELNAME#	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -		SCALE: N/A			SHEET 4 OF 8 SHEETS STA. TO STA.			CONTRACT NO. 76E88	
	PLOT DATE = 3/22/2013	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

PAVEMENT MARKING SCHEDULE													
LOCATION STA TO STA	DESCRIPTION	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING - LINE 4"					WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING LINE 12"		WET REFLECTIVE THERMOPLASTIC PVMT MARKING - LINE 24"	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	
		CENTERLINE SKIP-DASH YELLOW	CENTERLINE SOLID YELLOW		EDGE LINE SOLID WHITE		SOLID WHITE	YELLOW (DIAG) FOOT	WHITE (DIAG) FOOT	WHITE (STOP BAR) FOOT	WHITE SQ FT	EACH	EACH
		FOOT	LEFT FOOT	RIGHT FOOT	LEFT FOOT	RIGHT FOOT							
FAP 103 (IL 13)													
575+56 TO 580+46		110			490	490						6	6
580+46 TO 590+25	NO PASSING ZONE RT	227		979	979	979						12	12
590+25 TO 592+70	NO PASSING ZONE LT & RT		245	245	245	195						3	3
592+70 TO 603+75	NO PASSING ZONE LT	276	1105		1105	1105						14	14
603+75 TO 614+30		264			1055	1055						14	14
614+30 TO 621+64	NO PASSING ZONE RT	184		734	734	734						9	9
621+64 TO 625+38		94			340	374						4	4
625+38 TO 632+43	NO PASSING ZONE LT	177	705		496	496						6	6
632+43 TO 658+79		560			2490	2490						31	31
658+79 TO 668+82	NO PASSING ZONE RT	251		1003	1003	1003						13	13
668+82 TO 669+89		27			107	107						1	1
669+89 TO 680+60	NO PASSING ZONE LT	268	1071		1071	1071						14	14
680+60 TO 693+50		323			1290	1290						16	16
693+50 TO 701+77	NO PASSING ZONE RT	207		827	802	802						10	10
701+77 TO 703+93		54			216	216						3	3
703+93 TO 712+19	NO PASSING ZONE LT	207	826		826	826						10	10
712+19 TO 714+31		53			212	212						3	3
714+31 TO 736+03	NO PASSING ZONE RT	543		2172	2172	2172						27	27
736+03 TO 741+41		135			538	538						7	7
741+41 TO 750+18	NO PASSING ZONE RT	215		877	877	877						11	11
750+18 TO 752+48		58			230	230						3	3
752+48 TO 760+96	NO PASSING ZONE LT	212	848		848	848						11	11
760+96 TO 777+11		404			1485	1485						19	19
777+11 TO 786+34	NO PASSING ZONE RT	231		923	923	923						12	12
786+34 TO 788+01		42			167	167						2	2
788+01 TO 797+11		228	910		910	910						11	11
797+11 TO 823+96		672			2685	2685						34	34
823+96 TO 833+98	NO PASSING ZONE RT	251		1002	1002	1002						13	13
833+98 TO 835+35		35			137	137						2	2
SUBTOTAL (1) =		6308.0	5710.0	8762.0	25435.0	25419.0	0.0	0.0	0.0	0.0	0.0	321	321

PAVEMENT MARKING SCHEDULE (CONT'D)														
LOCATION STA TO STA	DESCRIPTION	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING - LINE 4"						WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING LINE 12"			WET REFLECTIVE THERMOPLASTIC PVMT MARKING - LINE 24"	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
		CENTERLINE SKIP-DASH YELLOW	CENTERLINE SOLID YELLOW		EDGE LINE SOLID WHITE		SOLID WHITE	YELLOW (DIAG)	WHITE	WHITE (DIAG)	WHITE (STOP BAR)	WHITE	EACH	EACH
			LEFT	RIGHT	LEFT	RIGHT								
835+35 TO 840+12	NO PASSING ZONE LT	120	477		477	477						6	6	
840+12 TO 841+42	NO PASSING ZONE LT & RT		130	130	130	130						2	2	
841+42 TO 846+34	NO PASSING ZONE RT	123		492	492	492						6	6	
846+30 TO 849+24	NO PASSING ZONE LT & RT		294	294	202	202						3	3	
849+24 TO 855+22	NO PASSING ZONE LT	150	598		513	513						7	7	
855+22 TO 879+52	SKIP DASH	608			2207	2207						28	28	
879+52 TO 902+72	SKIP DASH	580			2184	2184						27	27	
902+72 TO 909+17	NO PASSING ZONE LT	161	645		645	645						8	8	
909+17 TO 918+11	PAINTED MEDIAN		1788	1788	894	894	398.0					50	50	
918+11 TO 919+10	LEFT TURN LANE (W/ 2 TURN ARROWS)		99	99		99	99.0					3	3	
919+10 TO 919+92						82								
919+92 TO 925+49	PAINTED MEDIAN		1226	1226	563	613	185					37	37	
STA 886+70	CROSSWALK							120	614					
IL 3 INTERSECTION WITH IL ROUTE 4: EDGE LINES, STOP BARS, CENTERLINE, PAINTING AROUND MEDIAN									247	30	31.2			
SUBTOTAL (2) =		1742	5257	4029	8307	8538	99	583	120	861	30	31.2	177	177
SUBTOTAL (1+2)=		8050.0	10967.0	12791.0	33741.5	33956.5	99.0	583	120	861	30	31.2	498	498
TOTAL (1+2)=		99605						1564			30	32	498	498

TEMPORARY PAVEMENT MARKING SCHEDULE															
LOCATION	DESCRIPTION	TEMPORARY PAVEMENT MARKING - LINE 4"						TEMPORARY PAVEMENT MARKING LINE 12"			TEMPORARY PVMT MARKING - LINE 24"	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SHORT TERM PVMT MARKING	WORK ZONE PAVEMENT REMOVAL	
		CENTERLINE SKIP-DASH	CENTERLINE SOLID YELLOW		EDGE LINE SOLID WHITE		SOLID WHITE	YELLOW (DIAG)	WHITE	WHITE (DIAG)	WHITE (STOP BAR)	WHITE	FOOT	SQ FT	
		FOOT	FOOT	FOOT	FOOT	FOOT									FOOT
STA TO STA															
FAP 103 (IL 13)															
575+56 TO 580+46		110			490	490								206	431.9
580+46 TO 590+25	NO PASSING ZONE RT	227		979	979	979								268	1144.0
590+25 TO 592+70	NO PASSING ZONE LT & RT		245	245	245	195								67	332.3
592+70 TO 603+75	NO PASSING ZONE LT	276	1105		1105	1105								301	1297.5
603+75 TO 614+30		264			1055	1055								288	887.2
614+30 TO 621+64	NO PASSING ZONE RT	184		734	734	734								200	862.1
621+64 TO 625+38		94			340	374								102	303.3
625+38 TO 632+43	NO PASSING ZONE LT	177	705		496	496								192	688.8
632+43 TO 658+79		560			2490	2490								719	2086.3
658+79 TO 668+82	NO PASSING ZONE RT	251		1003	1003	1003								274	1177.8
668+82 TO 669+89		27			107	107								29	90.1
669+89 TO 680+60	NO PASSING ZONE LT	268	1071		1071	1071								292	1257.7
680+60 TO 693+50		323			1290	1290								352	1084.9
693+50 TO 701+77	NO PASSING ZONE RT	207		827	802	802								226	954.5
701+77 TO 703+93		54			216	216								59	181.6
703+93 TO 712+19	NO PASSING ZONE LT	207	826		826	826								225	970.1
712+19 TO 714+31		53			212	212								58	178.3
714+31 TO 736+03	NO PASSING ZONE RT	543		2172	2172	2172								592	2550.5
736+03 TO 741+41		135			538	538								147	452.6
741+41 TO 750+18	NO PASSING ZONE RT	215		877	877	877								239	1028.4
750+18 TO 752+48		58			230	230								63	193.6
752+48 TO 760+96	NO PASSING ZONE LT	212	848		848	848								231	995.8
760+96 TO 777+11		404			1485	1485								440	1271.5
777+11 TO 786+34	NO PASSING ZONE RT	231		923	923	923								252	1083.9
786+34 TO 788+01		42			167	167								46	140.5
788+01 TO 797+11		228	910		910	910								248	1068.7
797+11 TO 823+96		672			2685	2685								732	2258.1
823+96 TO 833+98	NO PASSING ZONE RT	251		1002	1002	1002								273	1176.8
833+98 TO 835+35		35			137	137								37	115.5
SUBTOTAL (1) =		6308.0	5710.0	8762.0	25435.0	25419.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7158.2	26264.1

TEMPORARY PAVEMENT MARKING SCHEDULE (CONT'D)																
LOCATION	DESCRIPTION	TEMPORARY PAVEMENT MARKING - LINE 4"							TEMPORARY PAVEMENT MARKING - LINE 12"			TEMPORARY PAVEMENT MARKING - LINE 24"	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SHORT TERM PVMT MARKING	WORK ZONE PAVEMENT MARKING REMOVAL	
		CENTERLINE SKIP-DASH	CENTERLINE SOLID YELLOW		EDGE LINE SOLID WHITE		SOLID WHITE	YELLOW (DIAG)	WHITE	WHITE (DIAG)	WHITE (STOP BAR)	WHITE	MARKING	SQ FT	FOOT	SQ FT
		YELLOW	LEFT	RIGHT	LEFT	RIGHT	FOOT									
STA TO STA		FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	
835+35 TO 840+12	NO PASSING ZONE LT	120	477		477	477								132	561.0	
840+12 TO 841+42	NO PASSING ZONE LT & RT		130	130	130	130								35	185.2	
841+42 TO 846+34	NO PASSING ZONE RT	123		492	492	492								134	577.7	
846+30 TO 849+24	NO PASSING ZONE LT & RT		294	294	202	202								82	357.7	
849+24 TO 855+22	NO PASSING ZONE LT	150	598		513	513								163	645.7	
855+22 TO 879+52	SKIP DASH	608			2207	2207								663	1894.9	
879+52 TO 902+72	SKIP DASH	580			2184	2184								633	1860.2	
902+72 TO 909+17	NO PASSING ZONE LT	161	645		645	645								176	757.3	
909+17 TO 918+11	PAINTED MEDIAN		1788	1788	894	894		398						244	2267.3	
918+11 TO 919+10	LEFT TURN LANE (W/ 2 TURN ARROWS)		99	99		99	99.0							28	141.3	
919+10 TO 919+92						82								23	35.1	
919+92 TO 925+49	PAINTED MEDIAN		1226	1226	563	613		185						152	1445.0	
STA 886+70	CROSSWALK								120	614					734.0	
IL 3 INTERSECTION WITH IL ROUTE 4: EDGE LINES, STOP BARS, CENTERLINE, PAINTING AROUND MEDIAN										247	30	31.2			1445.0	
SUBTOTAL (2) =		1742	5257	4029	8307	8538	99	583	120	861	30	31.2	2465	12907.5		
SUBTOTAL (1+2)=		8050.0	10967.0	12791.0	33741.5	33956.5	99.0	583	120	861	30	31.2	9623.6	39171.5		
TOTAL (1+2)=		99605					1564			30	32	9624	39172			



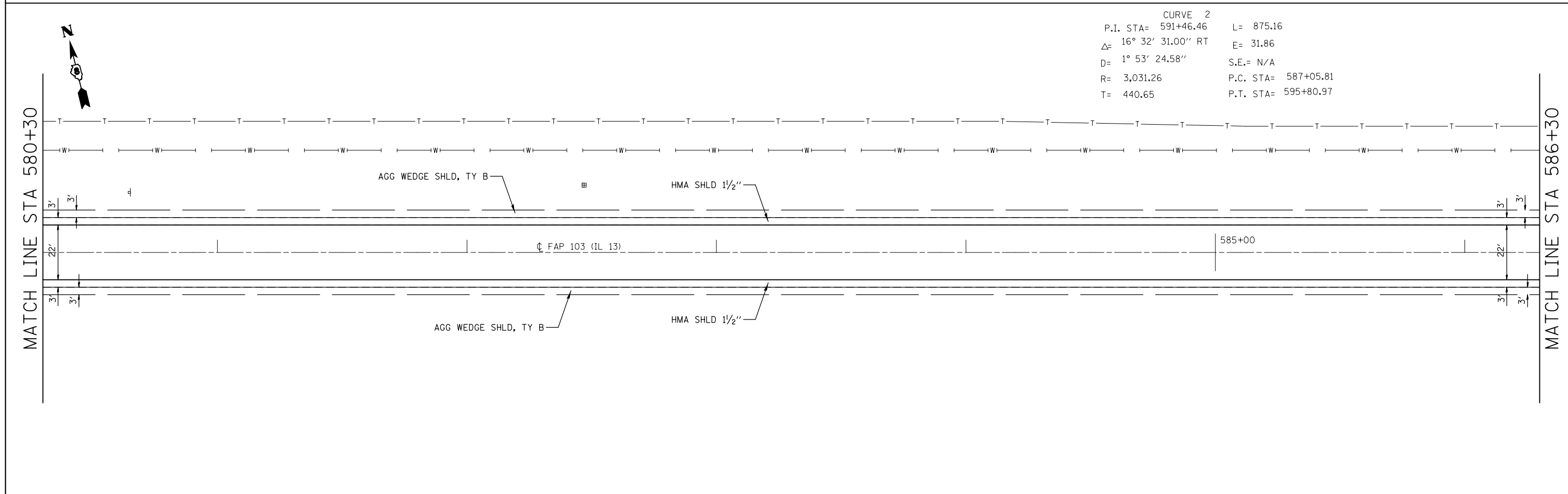
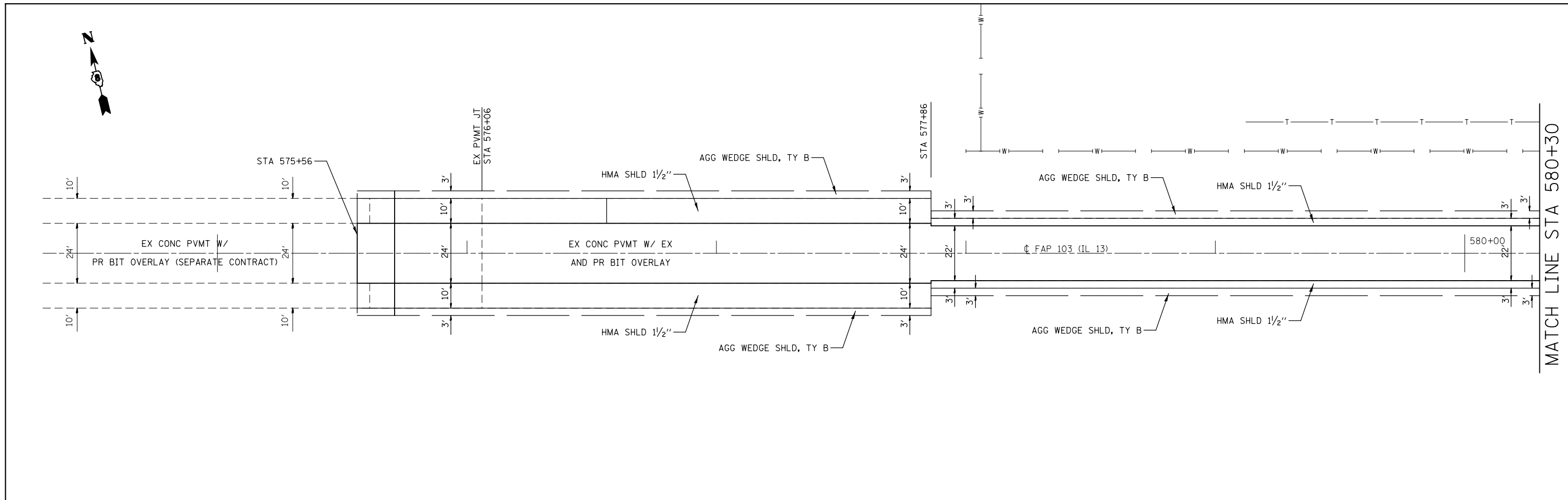
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	PLOT DATE = 3/22/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

KEY SHEET SUMMARY

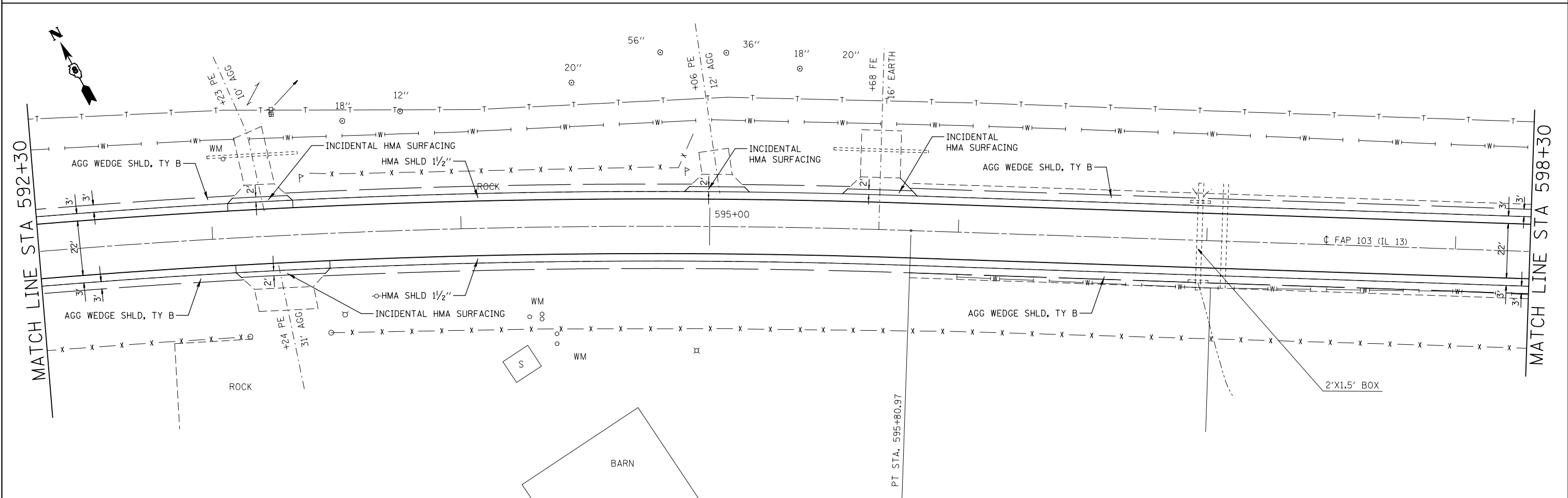
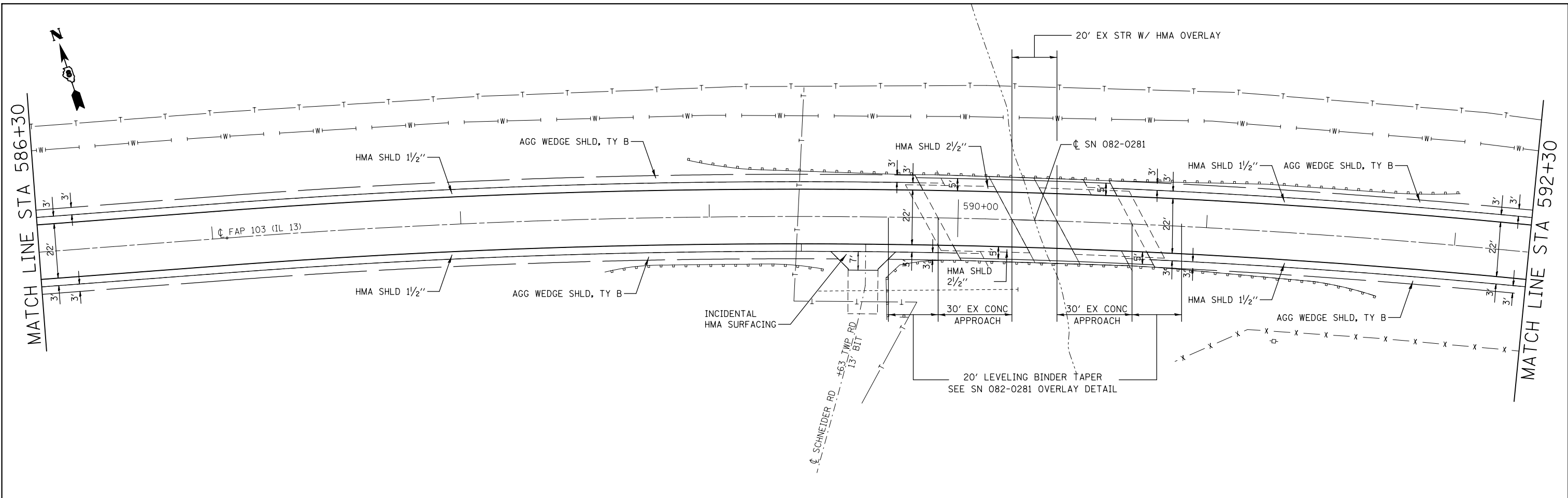
SCALE: N/A SHEET NO. 1 OF 1 SHEETS STA. 574+30 TO STA. 926+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(23,24)RS-4	ST. CLAIR	54	19
CONTRACT NO. 76E88				
ILLINOIS FED. AID PROJECT				

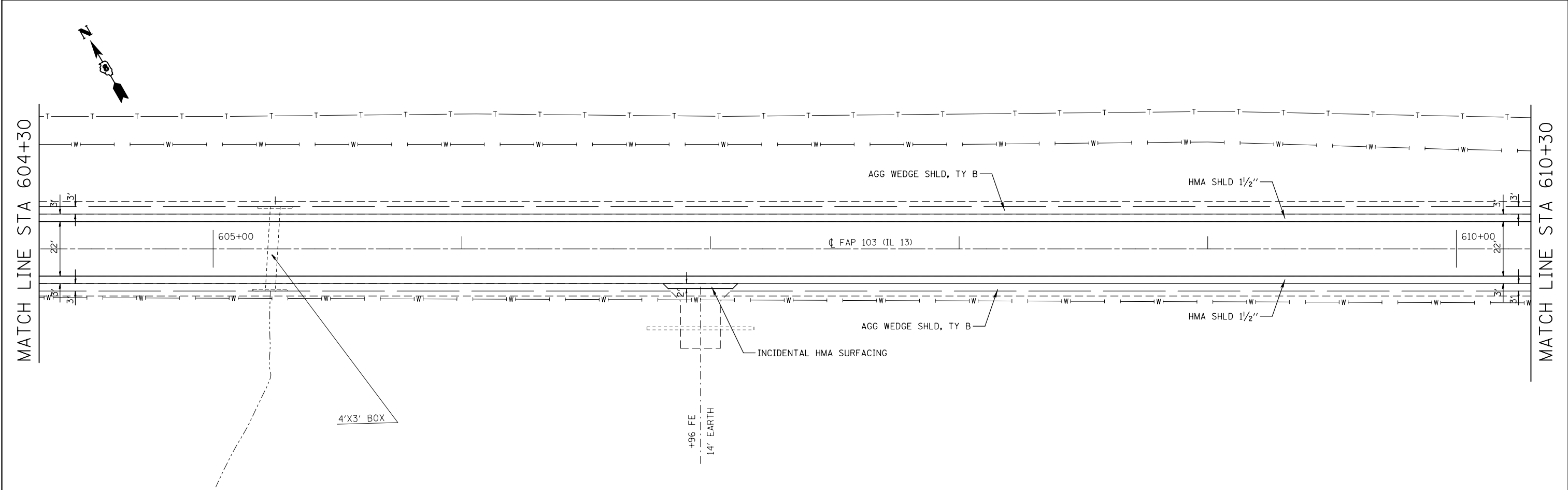
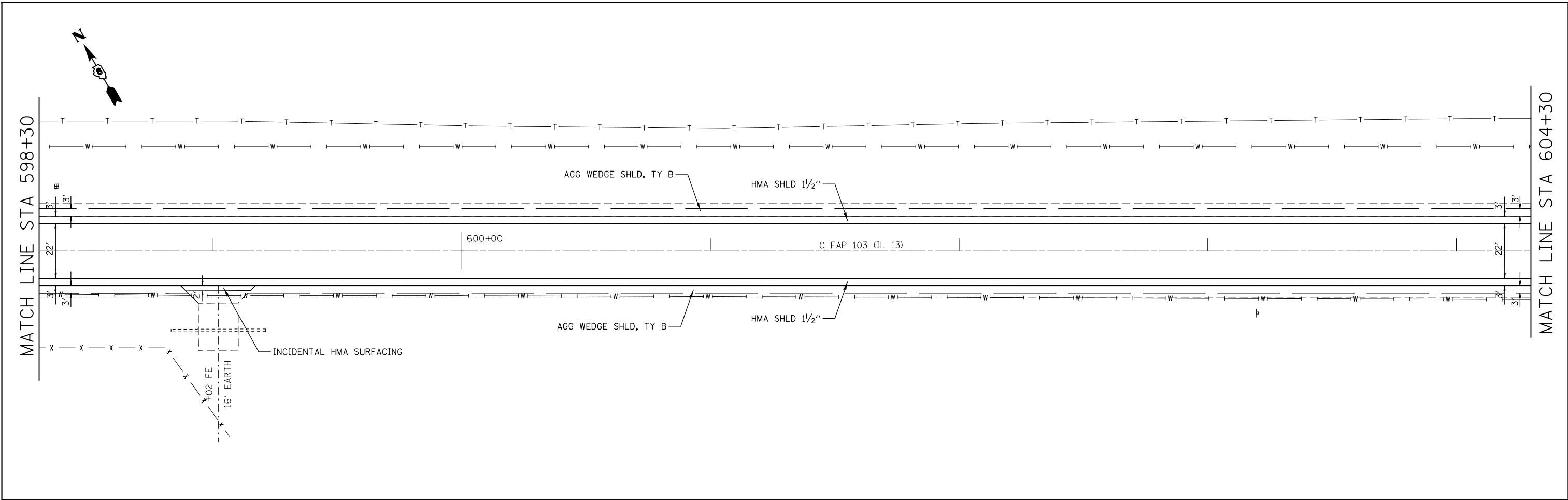


CURVE 2
 P.I. STA= 591+46.46 L= 875.16
 Δ = 16° 32' 31.00" RT E= 31.86
 D= 1° 53' 24.58" S.E.= N/A
 R= 3,031.26 P.C. STA= 587+05.81
 T= 440.65 P.T. STA= 595+80.97

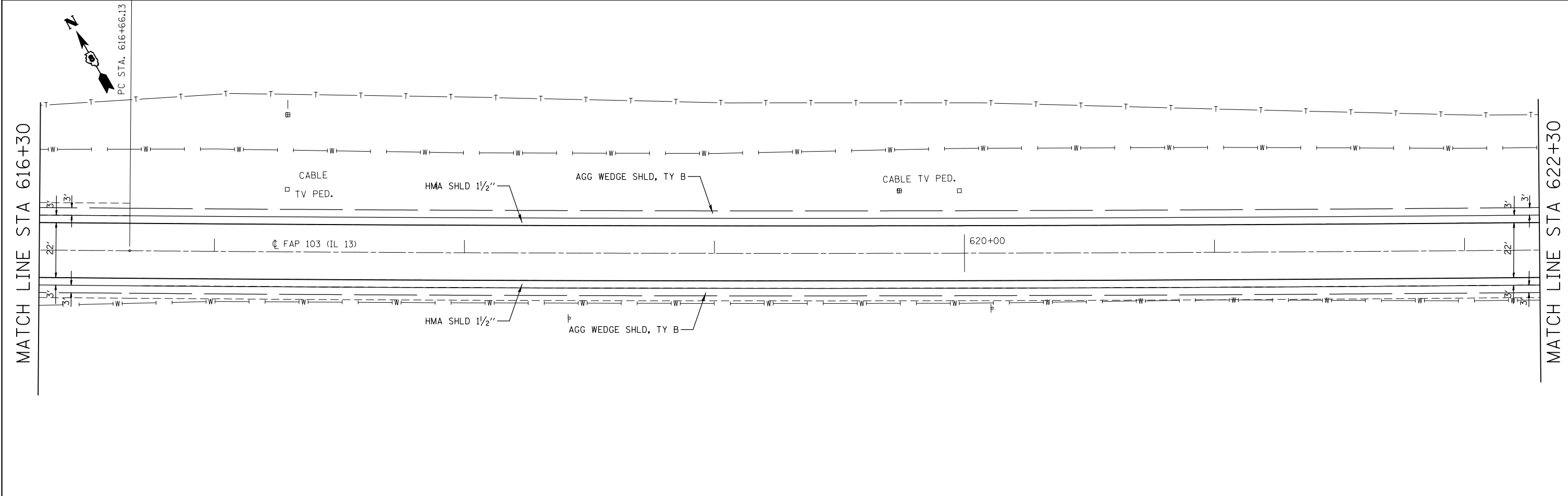
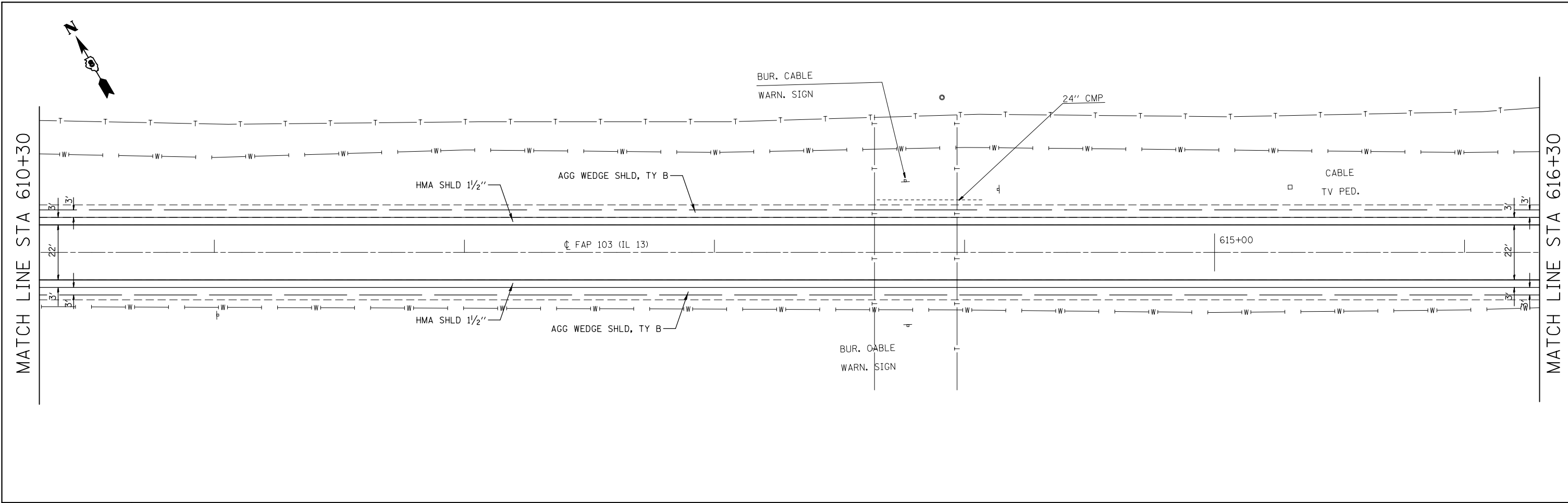
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et:\pwork\work\pwork\chollandeske\d0115523\0876E88-sh-t-plan1.dgn		DRAWN -	REVISED -		SCALE: N/A	SHEET NO. 1 OF 30 SHEETS	STA. 574+30 TO STA. 586+30	103	(23,24)RS-4	ST. CLAIR	54	20
		CHECKED -	REVISED -					CONTRACT NO. 76E88				
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				



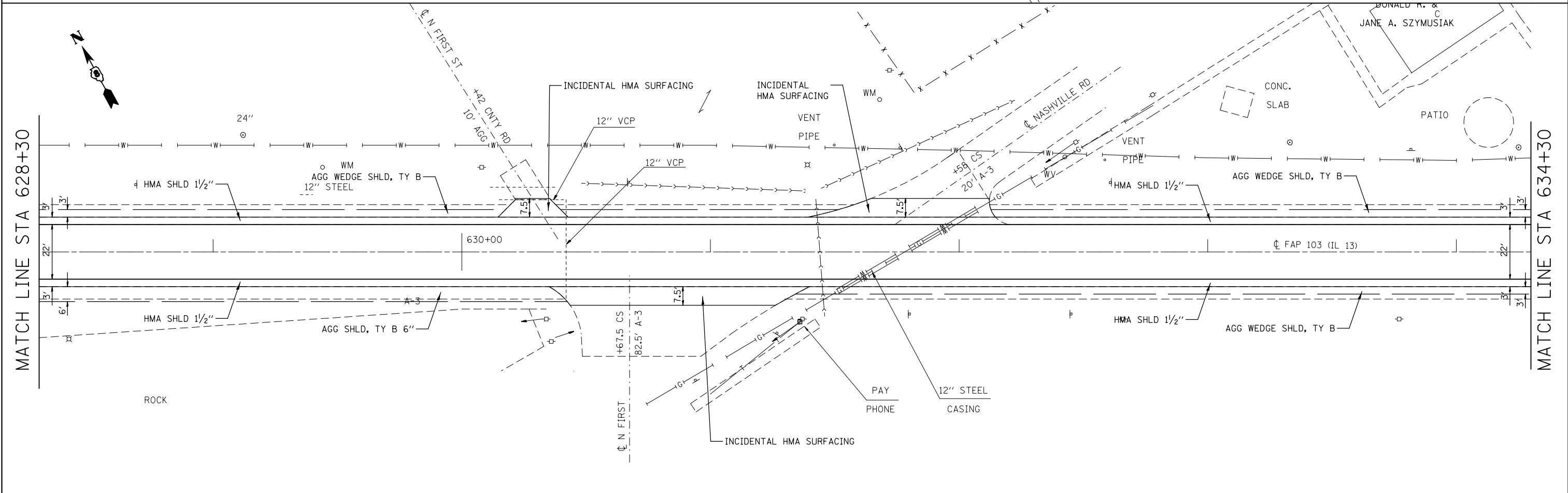
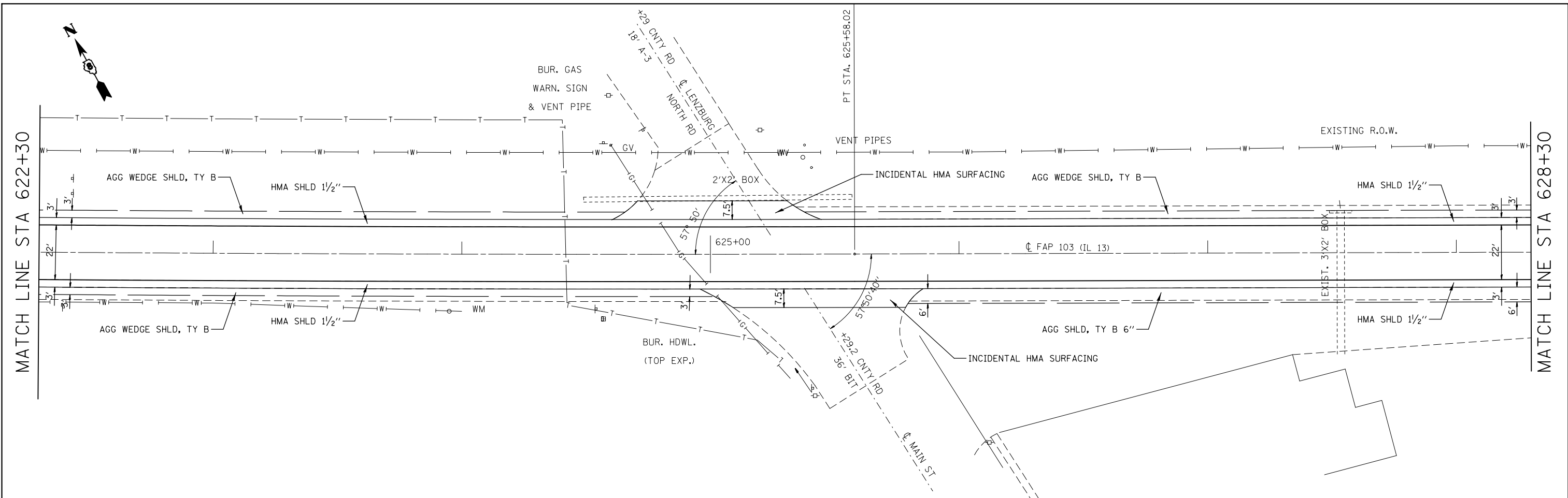
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PLOT DATE = 3/22/2013	DATE -	REVISED -	REVISED -					CONTRACT NO. 76E88				
ILLINOIS FED. AID PROJECT												



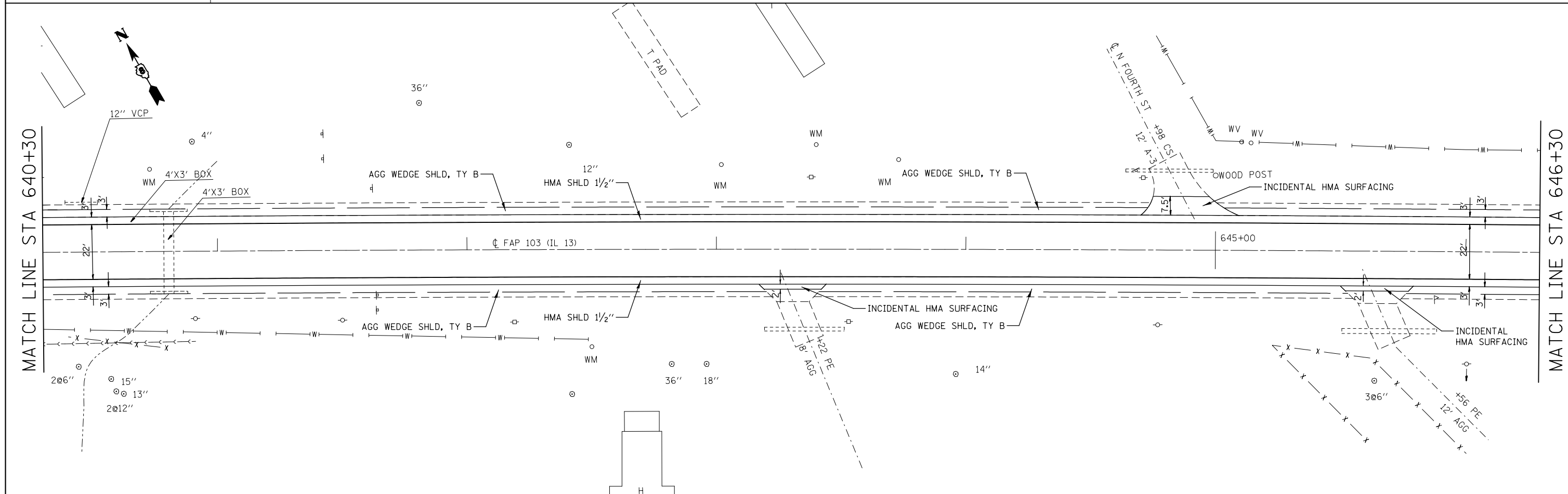
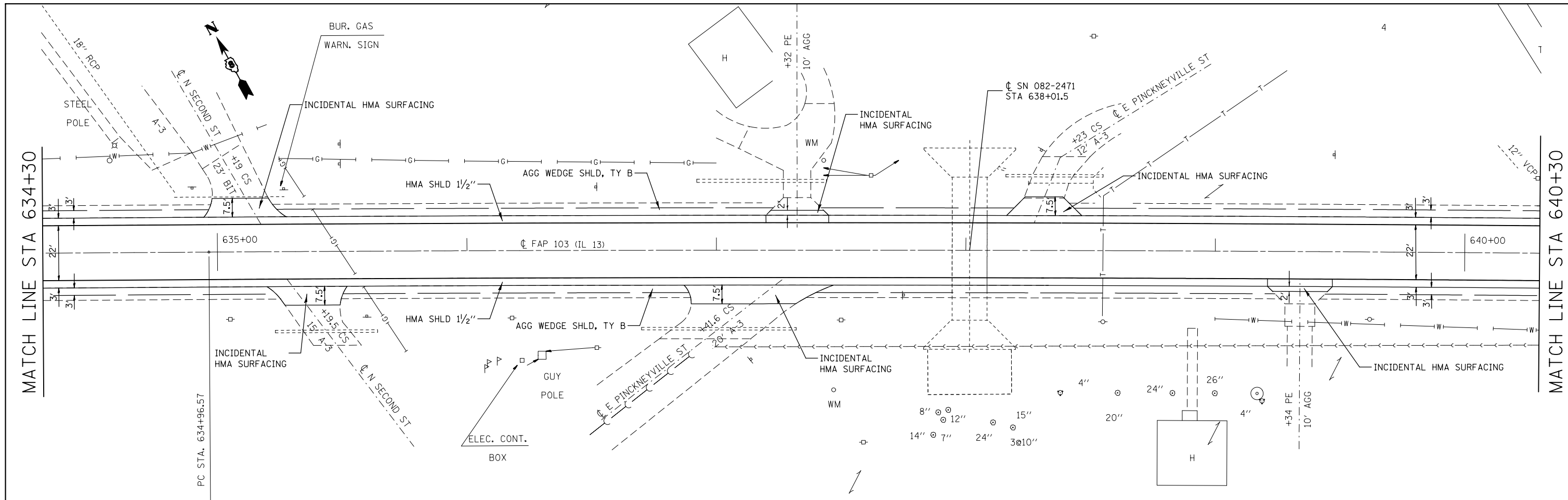
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PLOT DATE = 3/22/2013	CHECKED -	REVISED -	SCALE: N/A SHEET NO. 3 OF 30 SHEETS STA. 598+30 TO STA. 610+30			CONTRACT NO. 76E88						
	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									



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ILLINOIS FED. AID PROJECT												

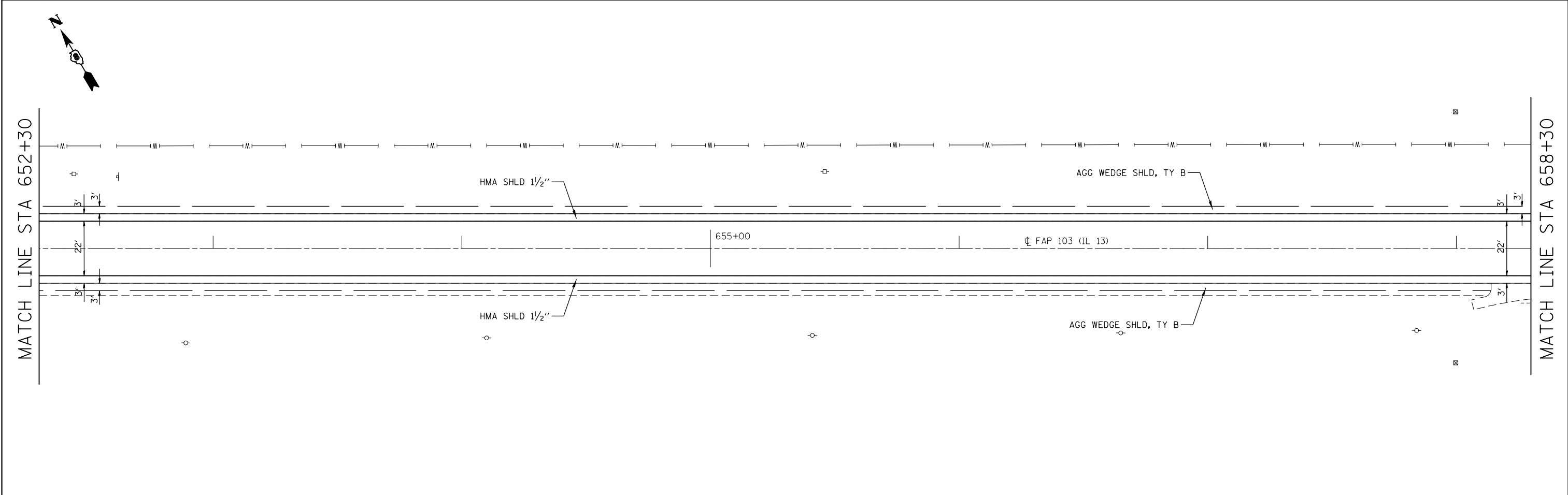
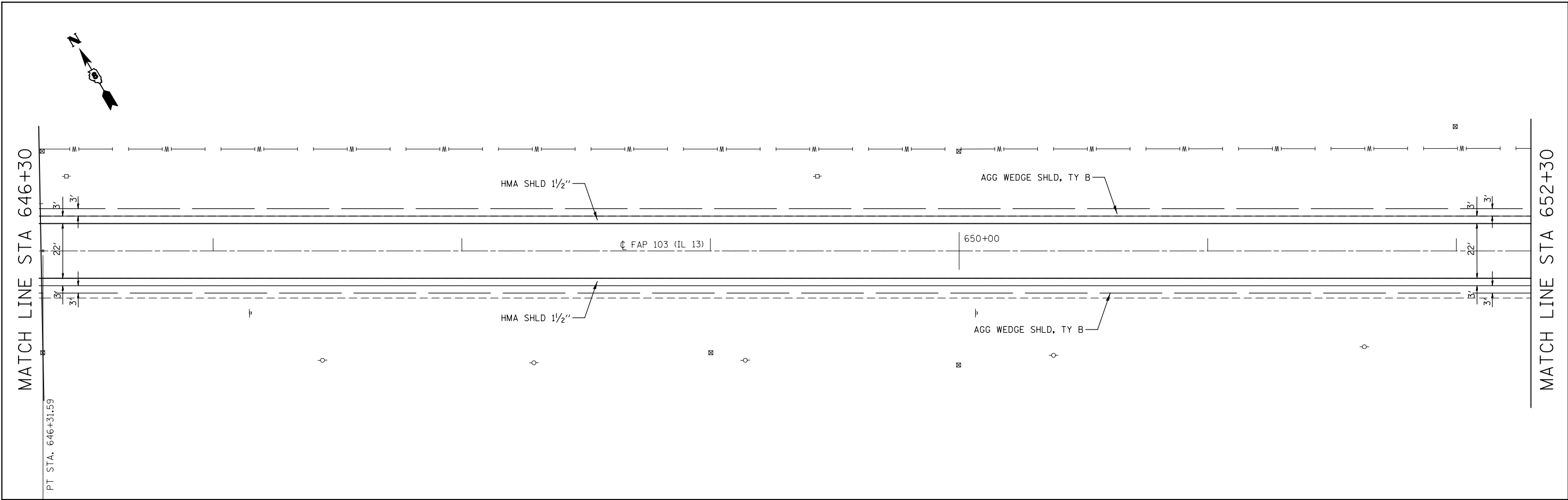


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PLOT DATE = 3/22/2013		DATE -	REVISED -		ILLINOIS FED. AID PROJECT									

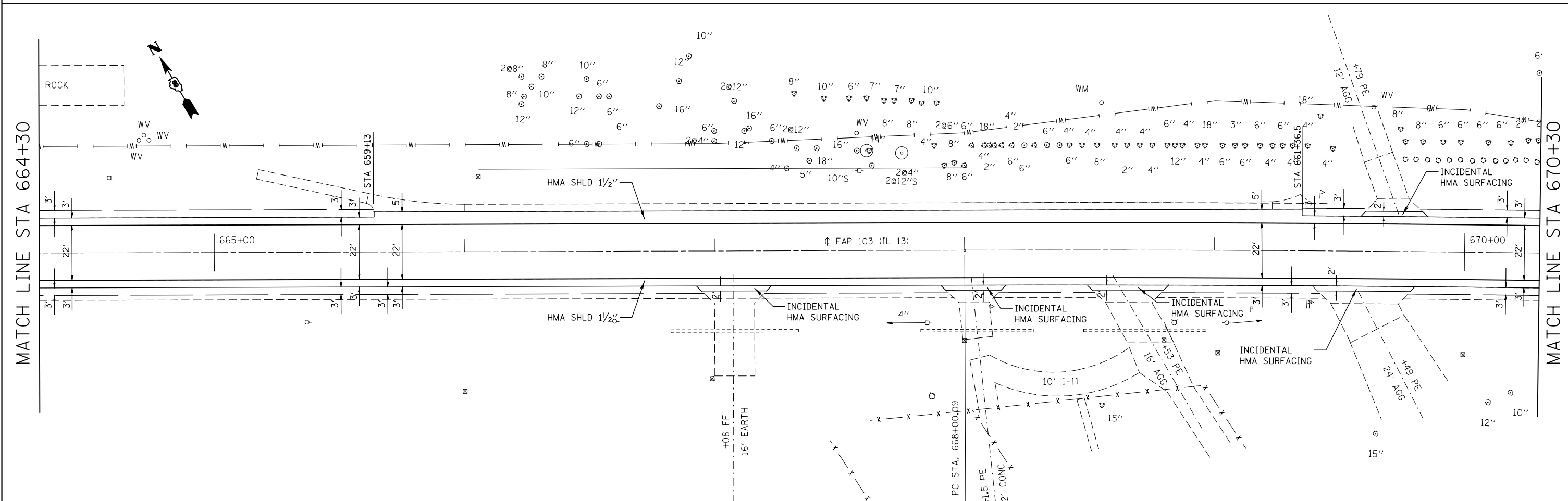
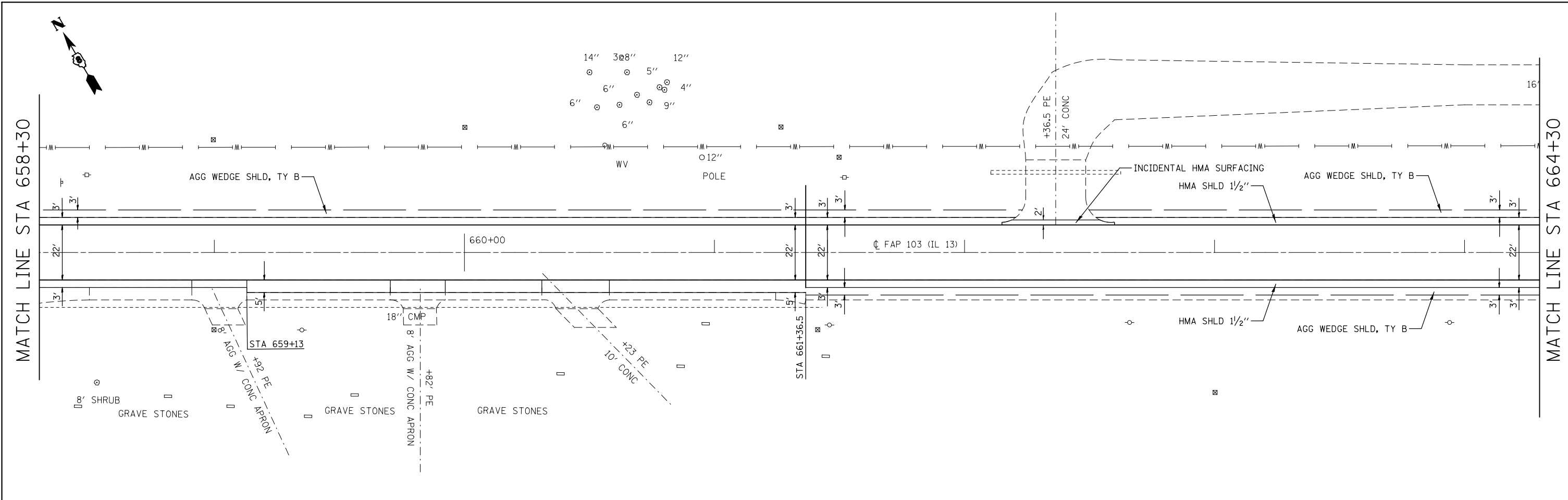


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PLOT DATE = 3/22/2013		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

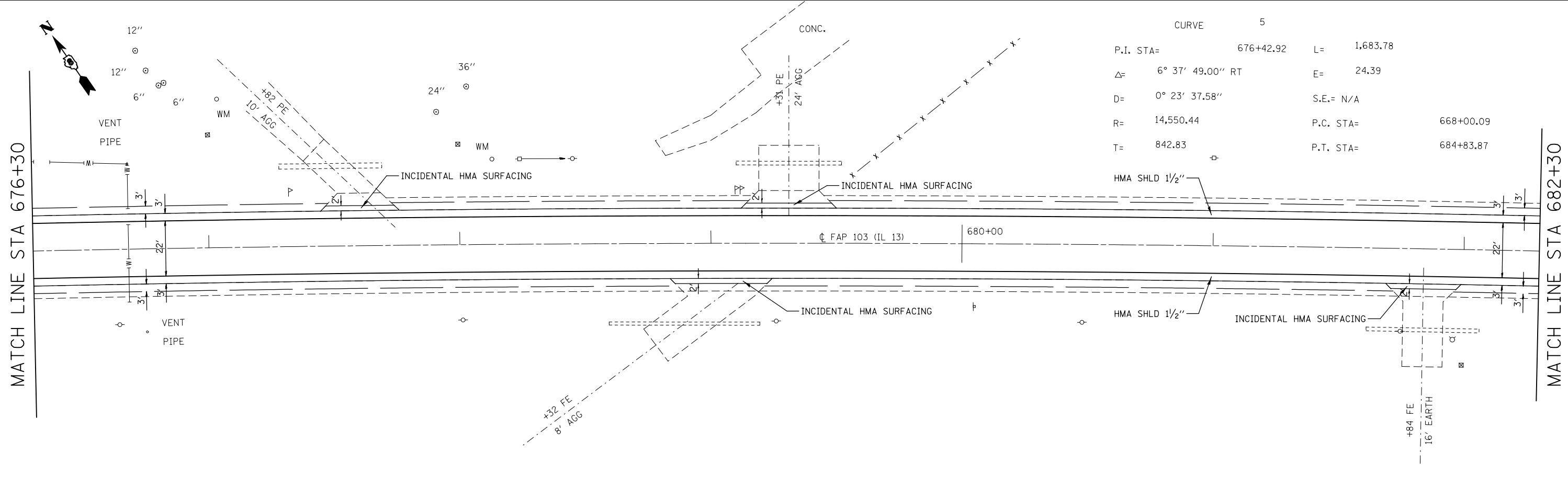
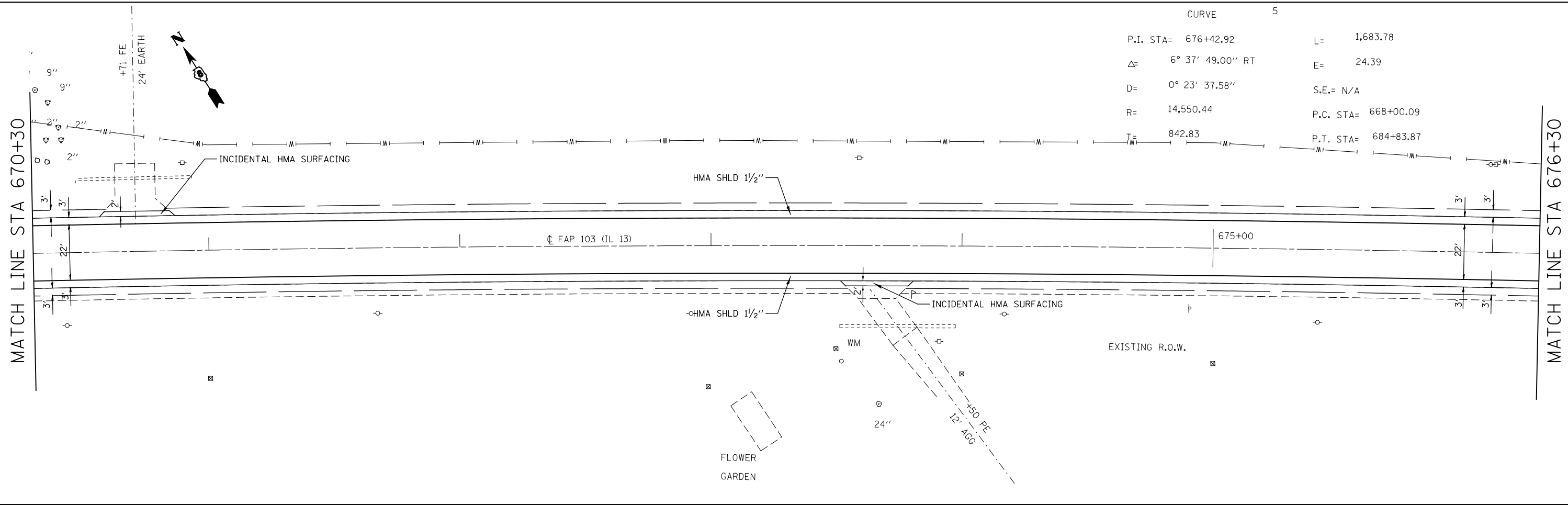
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	DATE -	REVISED -	SCALE: N/A		SHEET NO. 7 OF 30 SHEETS	STA. 646+30 TO STA. 658+30	ILLINOIS FED. AID PROJECT					



FILE NAME =	USER NAME = challandeske	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 3/22/2013		DATE -	REVISED -		SCALE: N/A	SHEET NO. 8 OF 30 SHEETS	STA. 658+30 TO STA. 670+30					

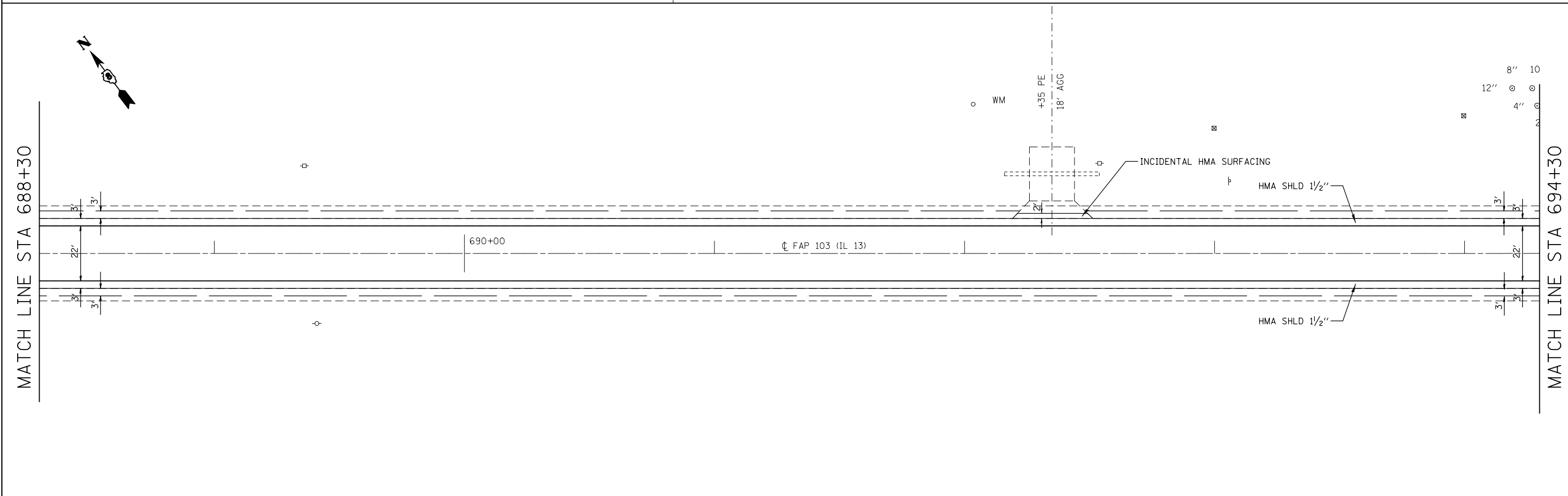
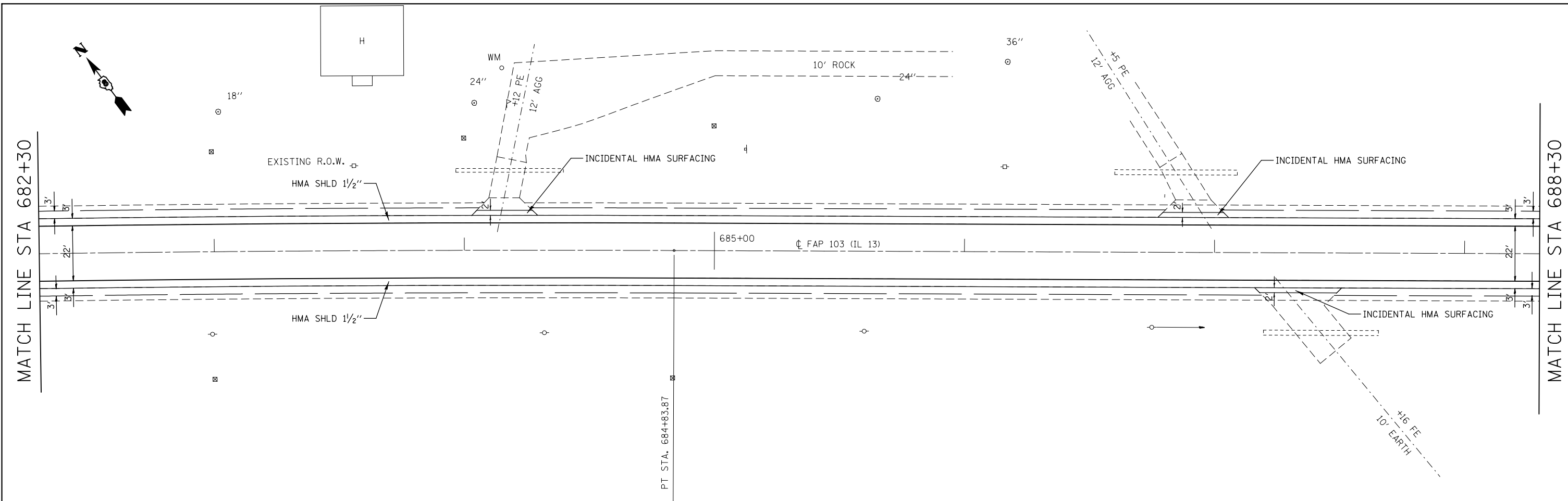


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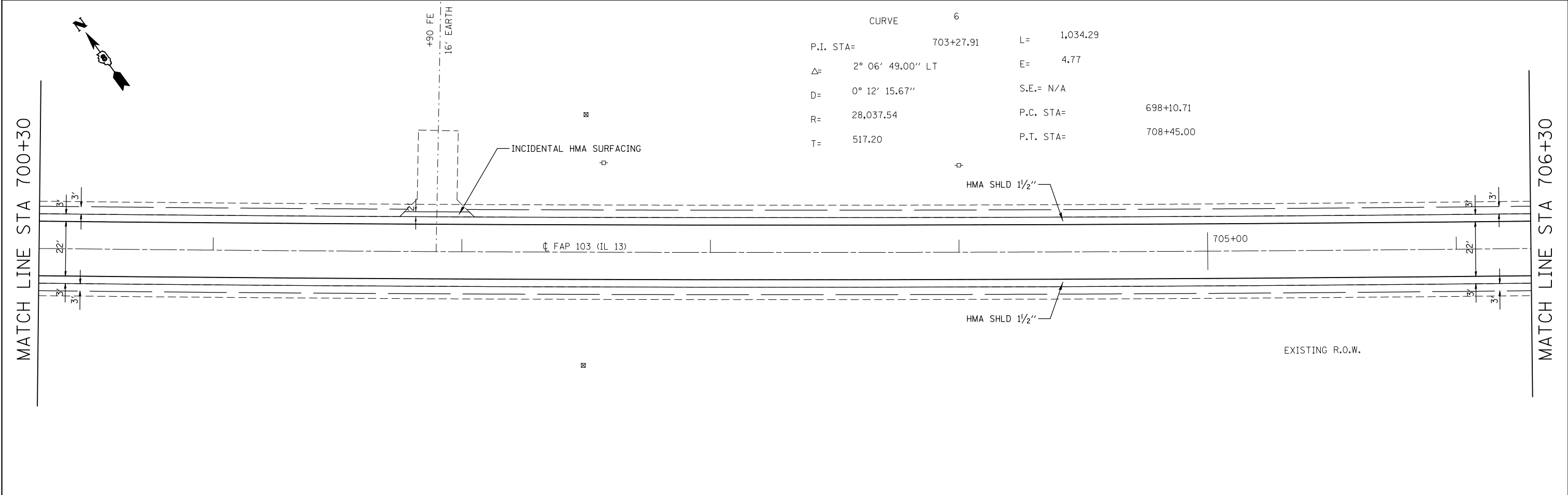
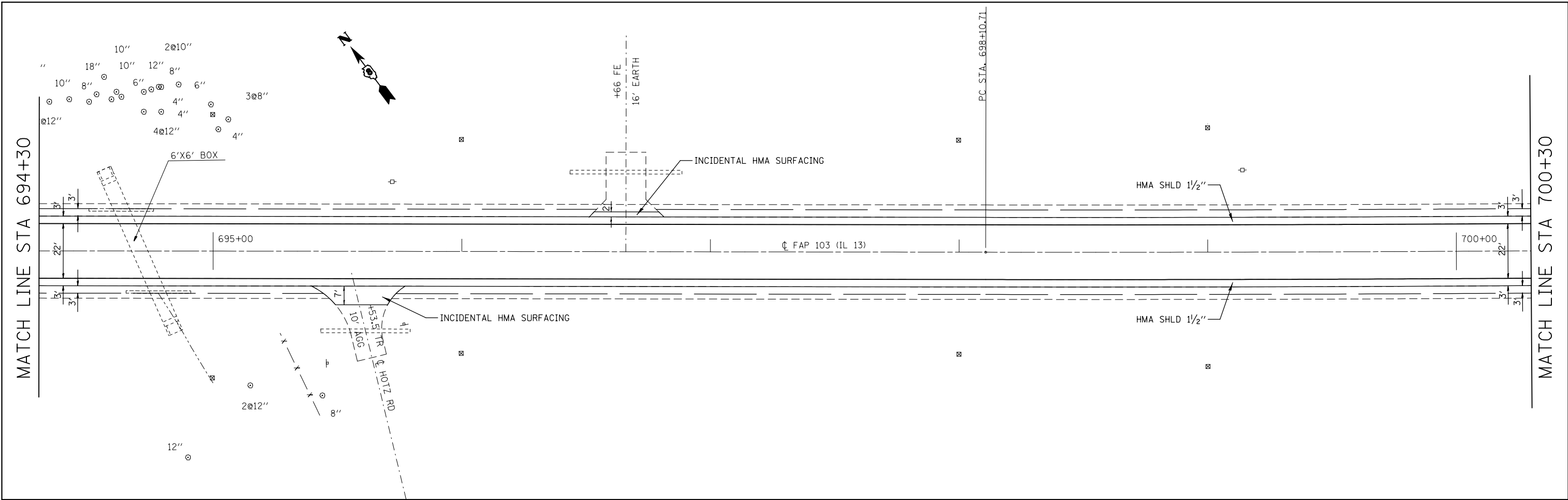
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET		
SCALE: N/A	SHEET NO. 9 OF 30 SHEETS	STA. 670+30 TO STA. 682+30

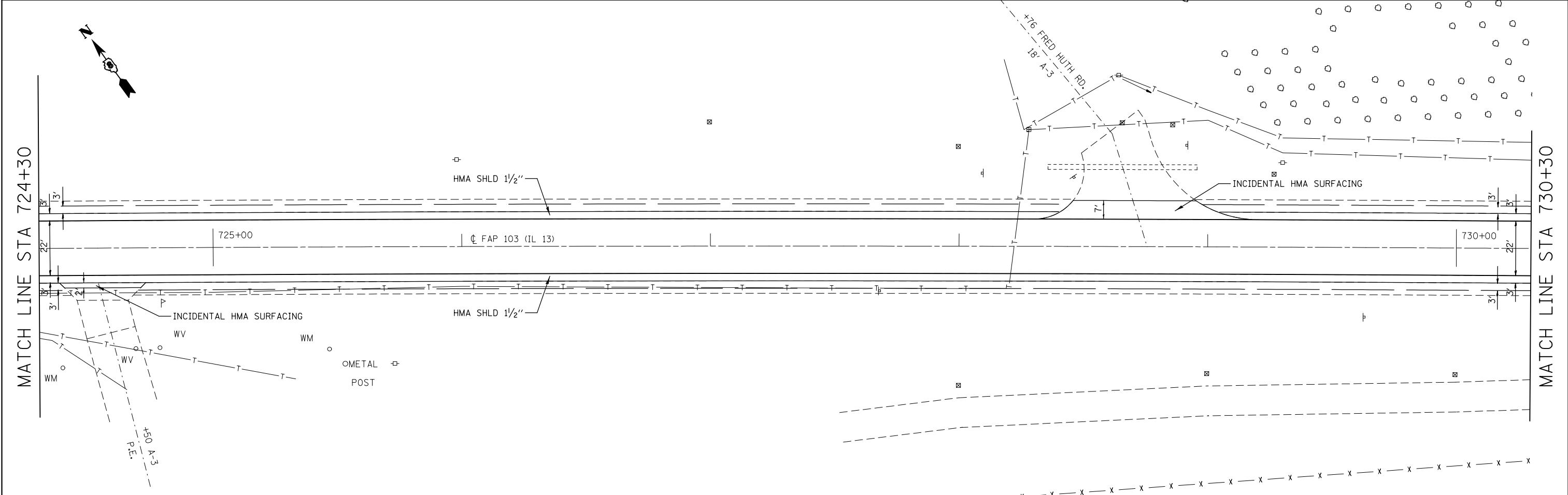
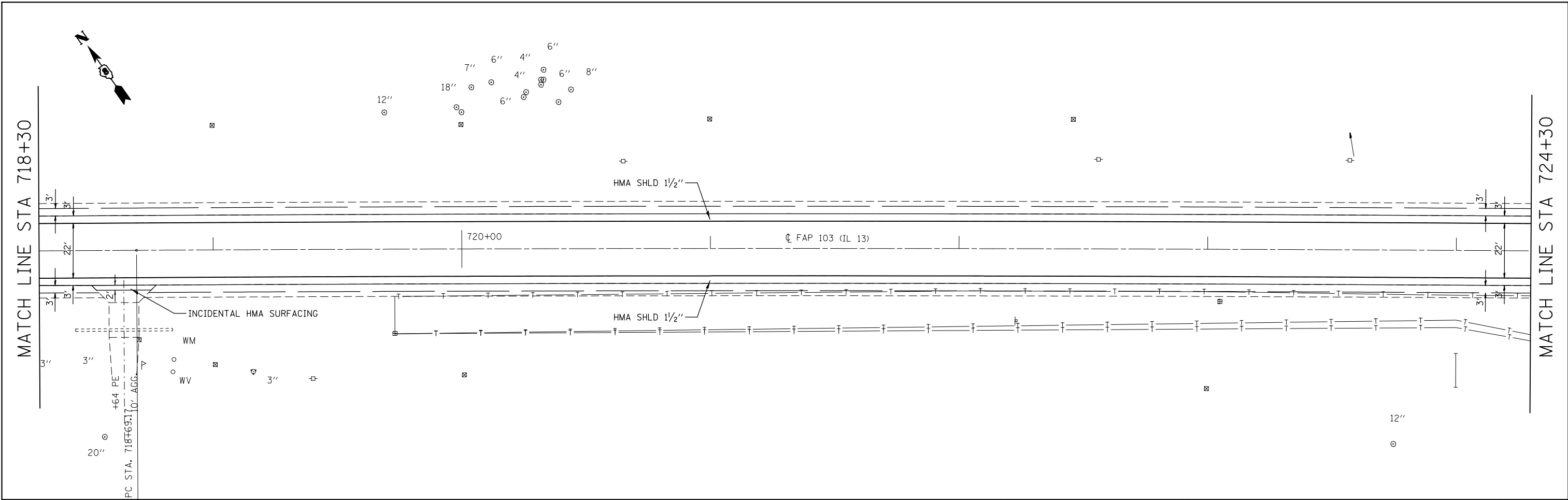
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(23,24)RS-4	ST. CLAIR	54	28
CONTRACT NO. 76E88				
ILLINOIS FED. AID PROJECT				



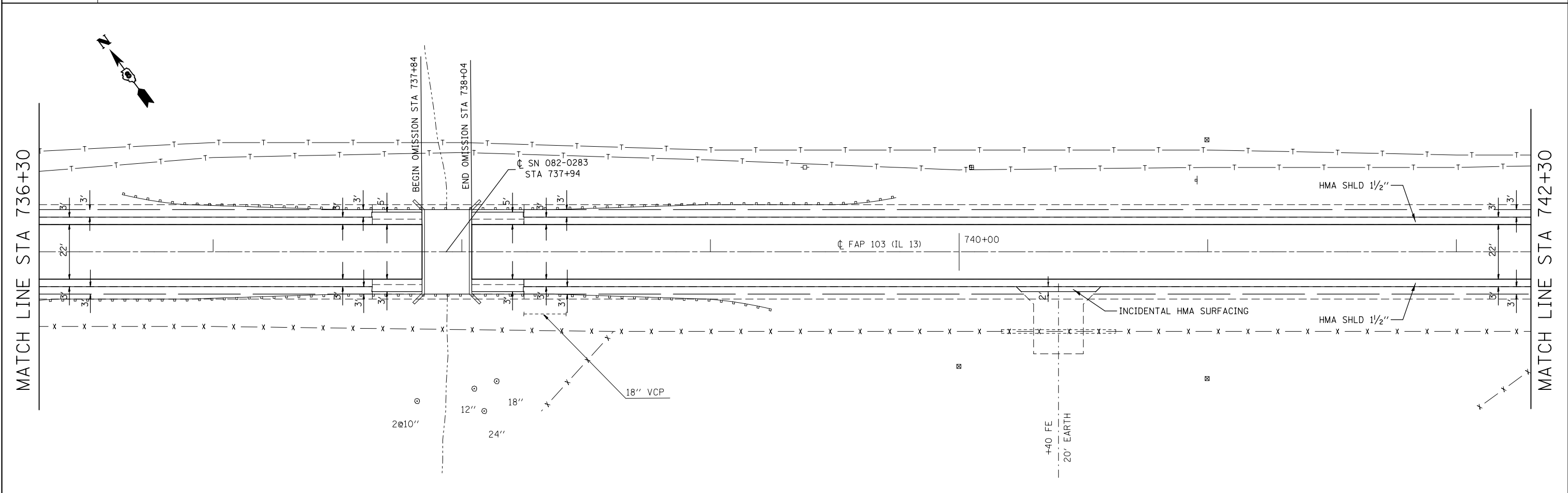
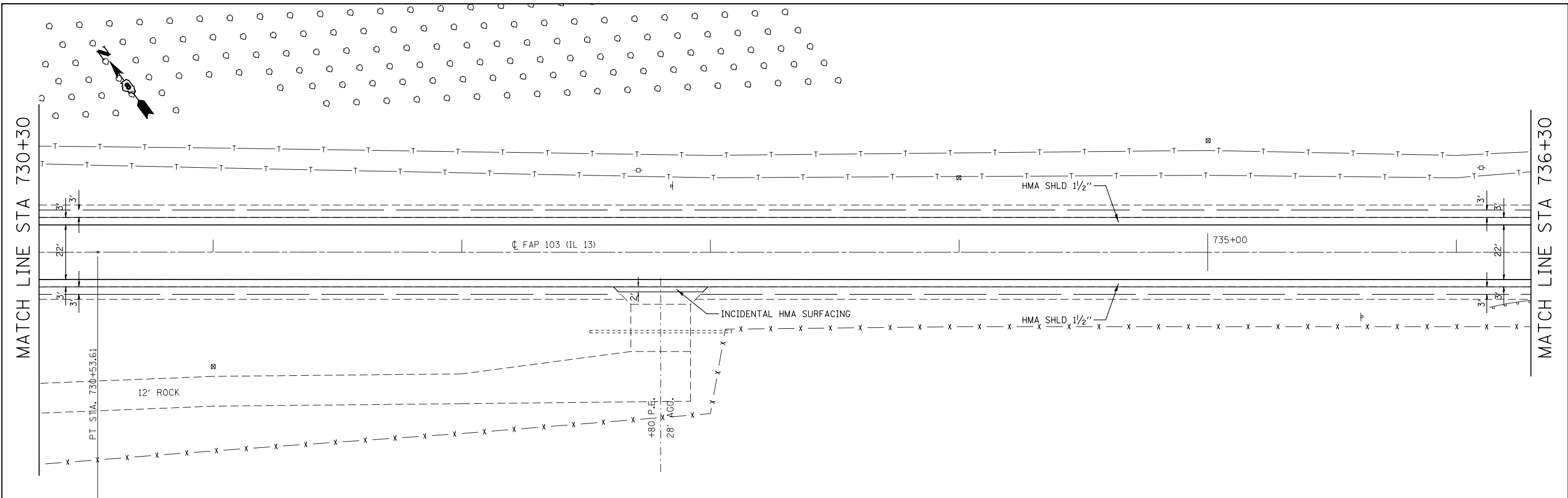
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	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									



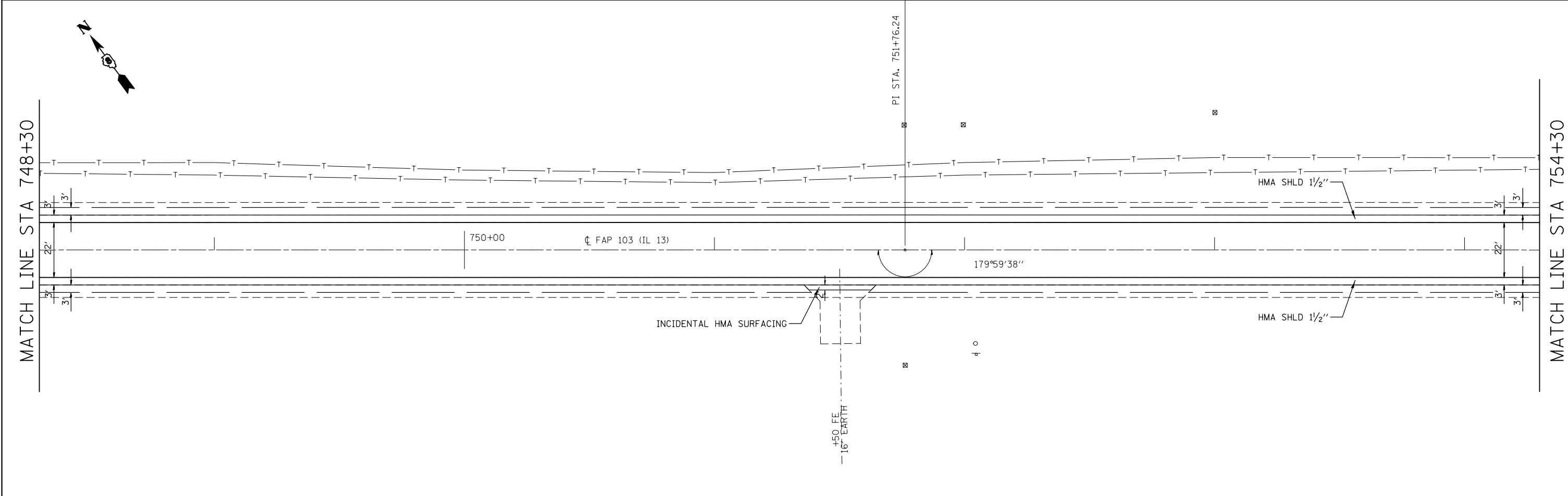
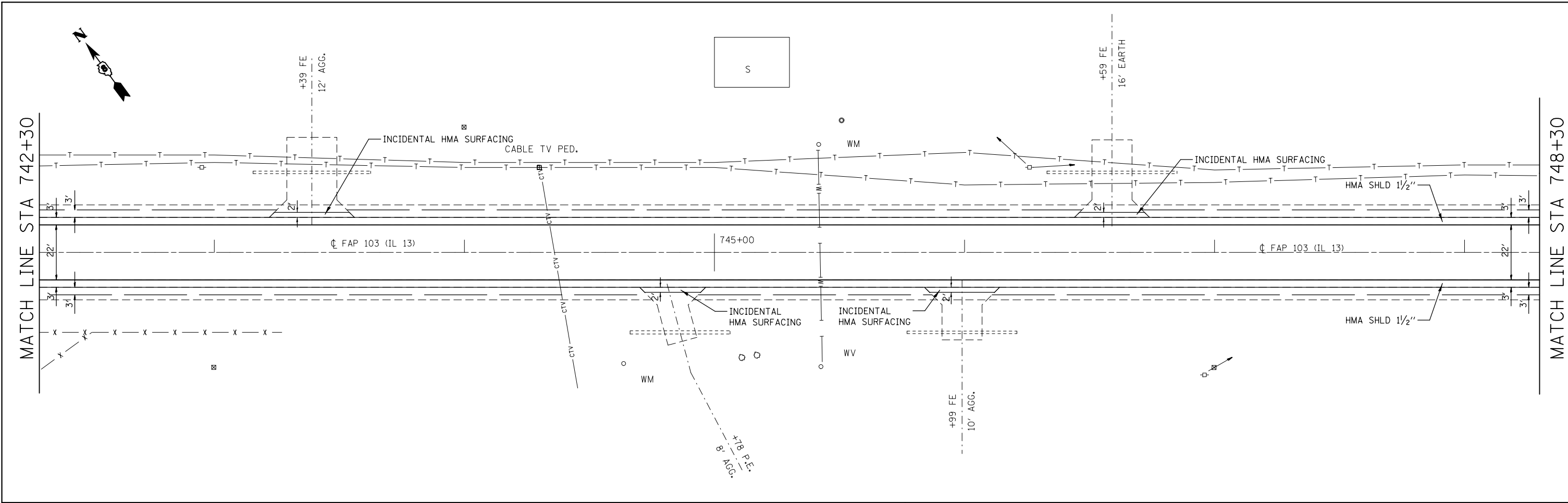
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		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



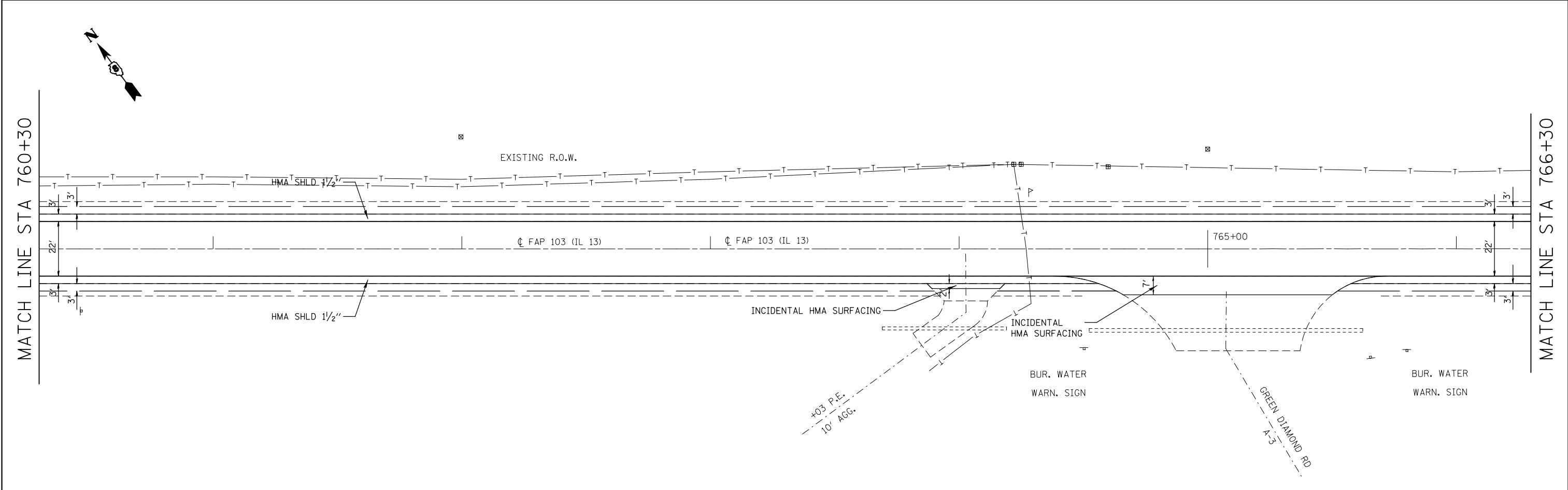
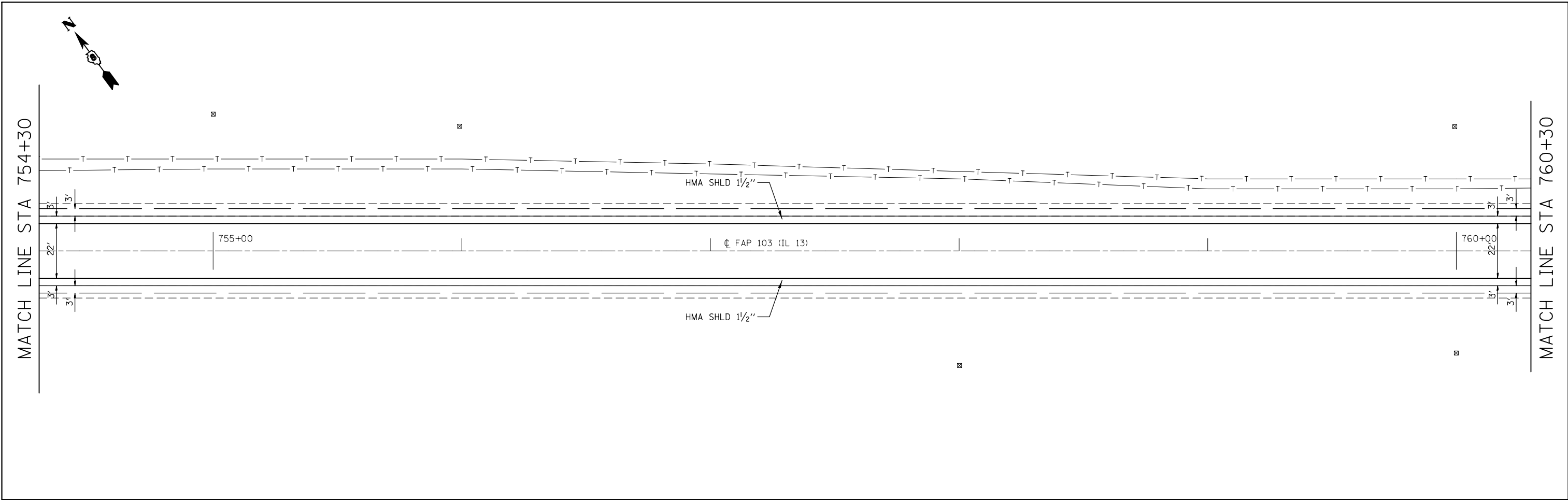
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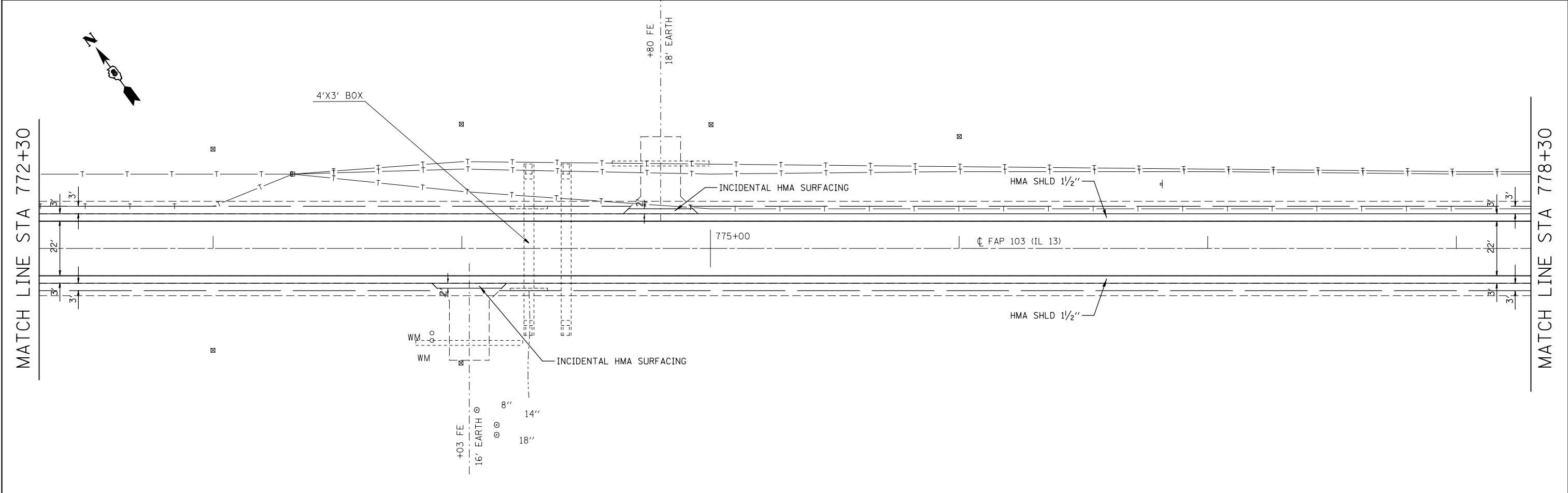
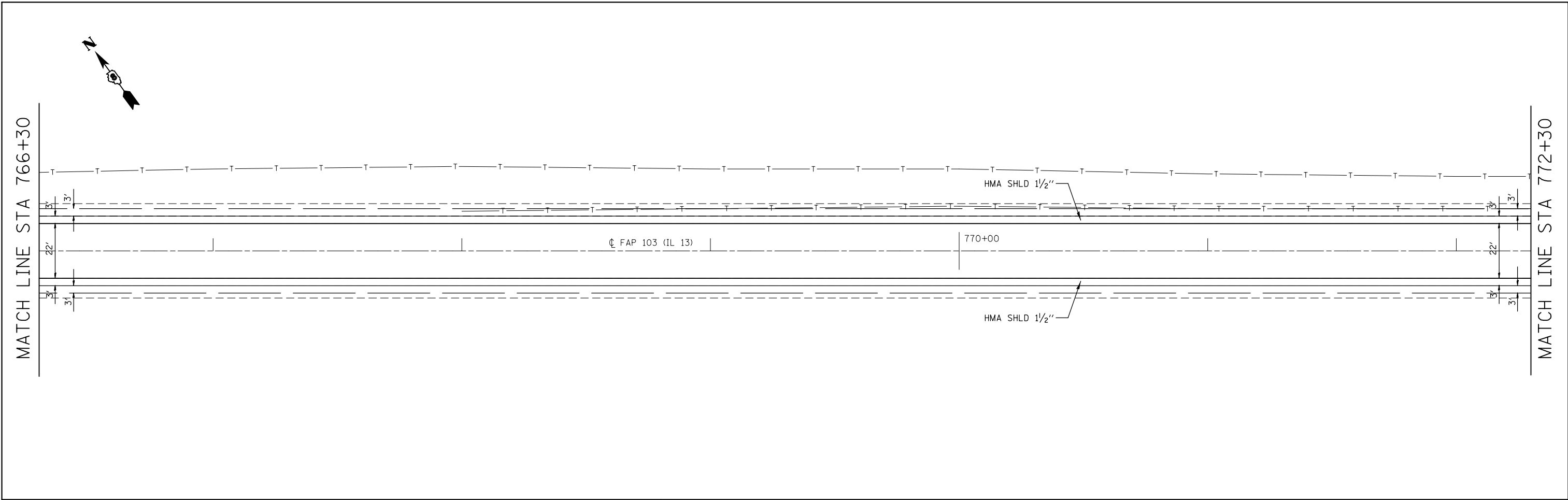
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	PLOT DATE = 3/22/2013	DATE -	REVISED -										



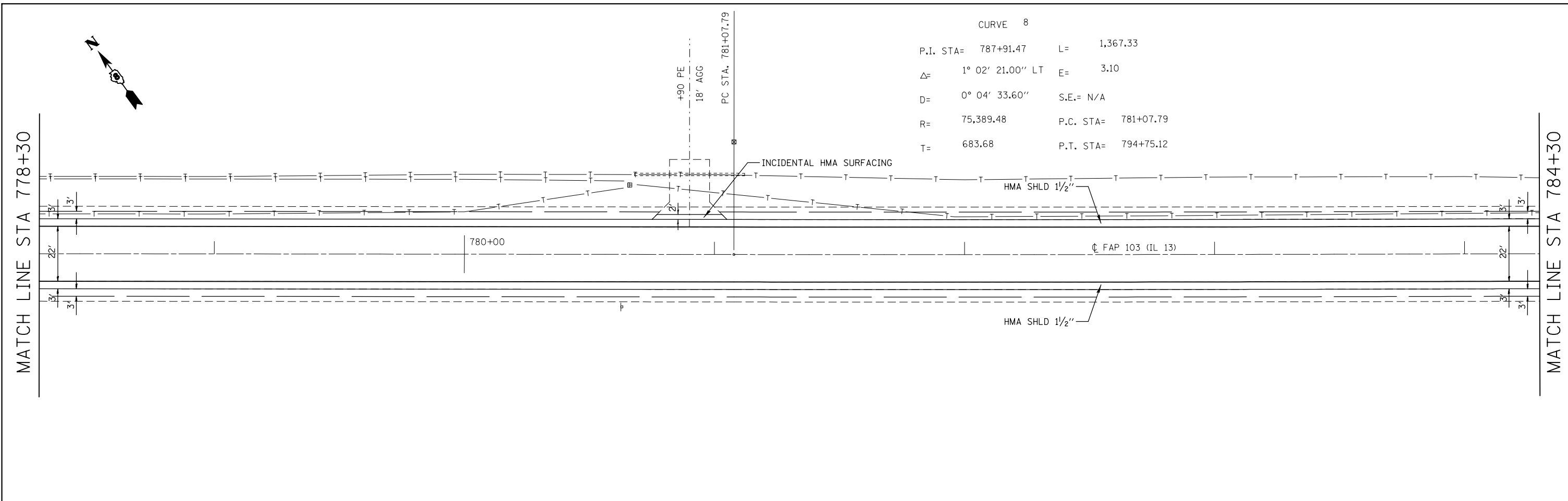
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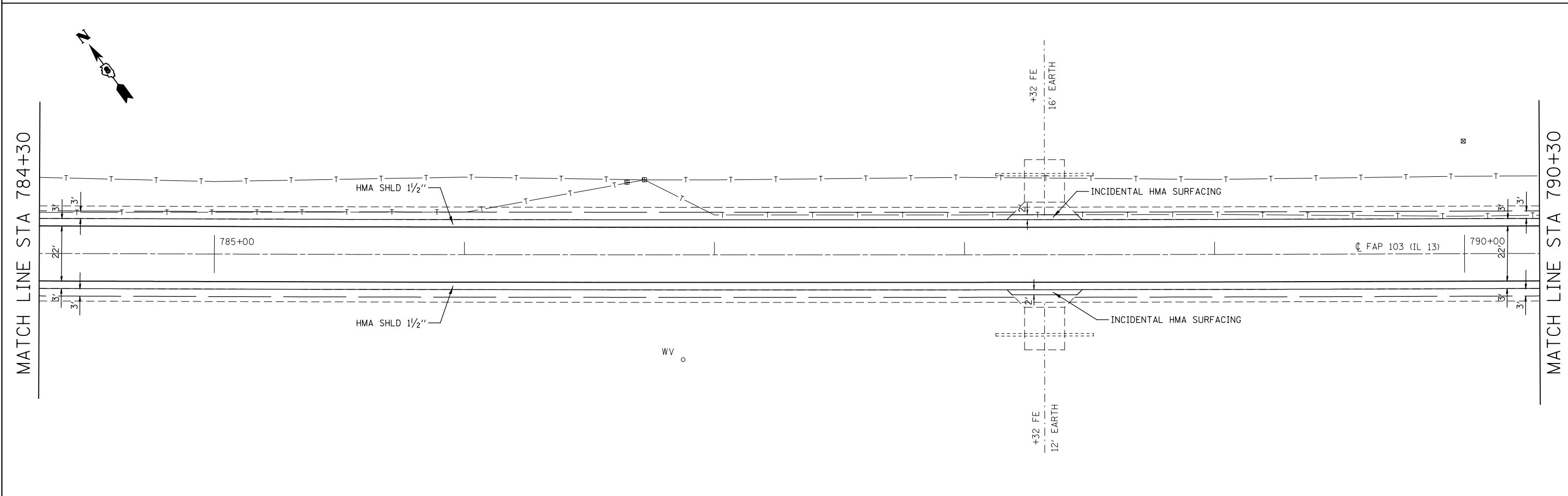


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PLOT DATE = 3/22/2013	DATE -	REVISED -	REVISED -		CONTRACT NO. 76E88							

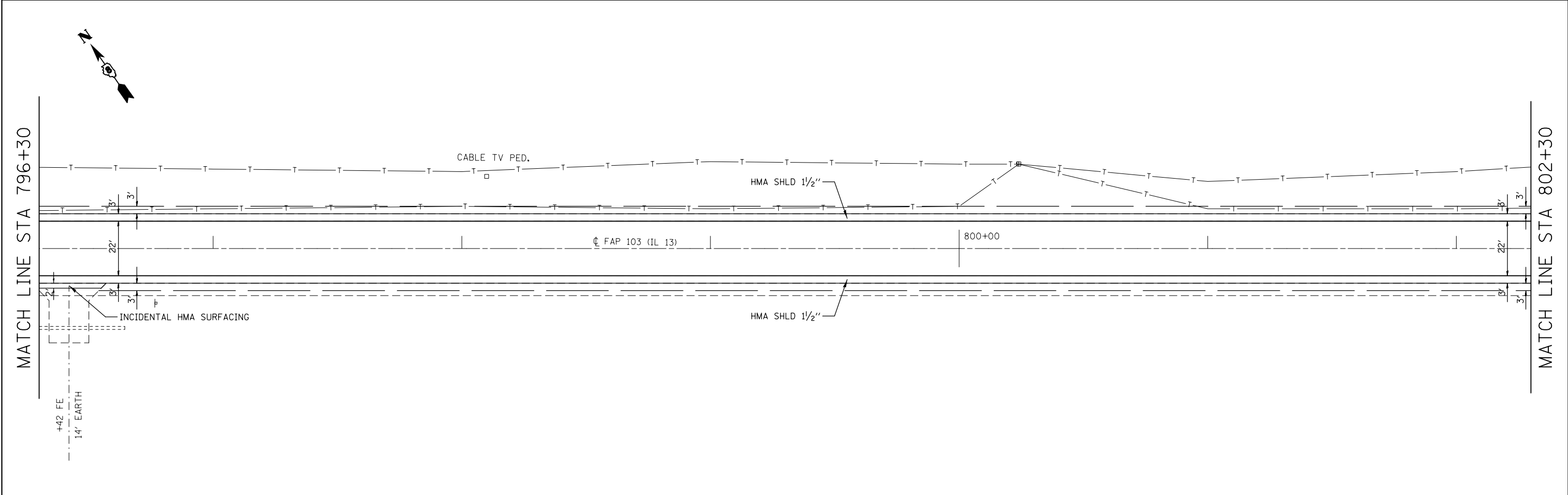
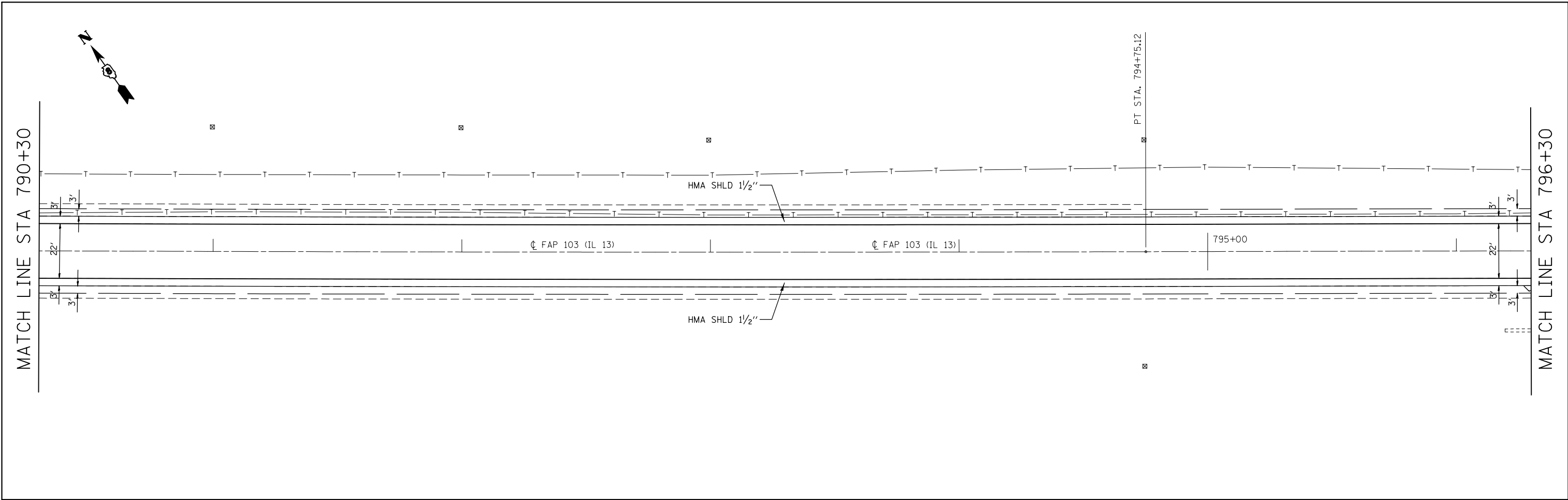


CURVE 8

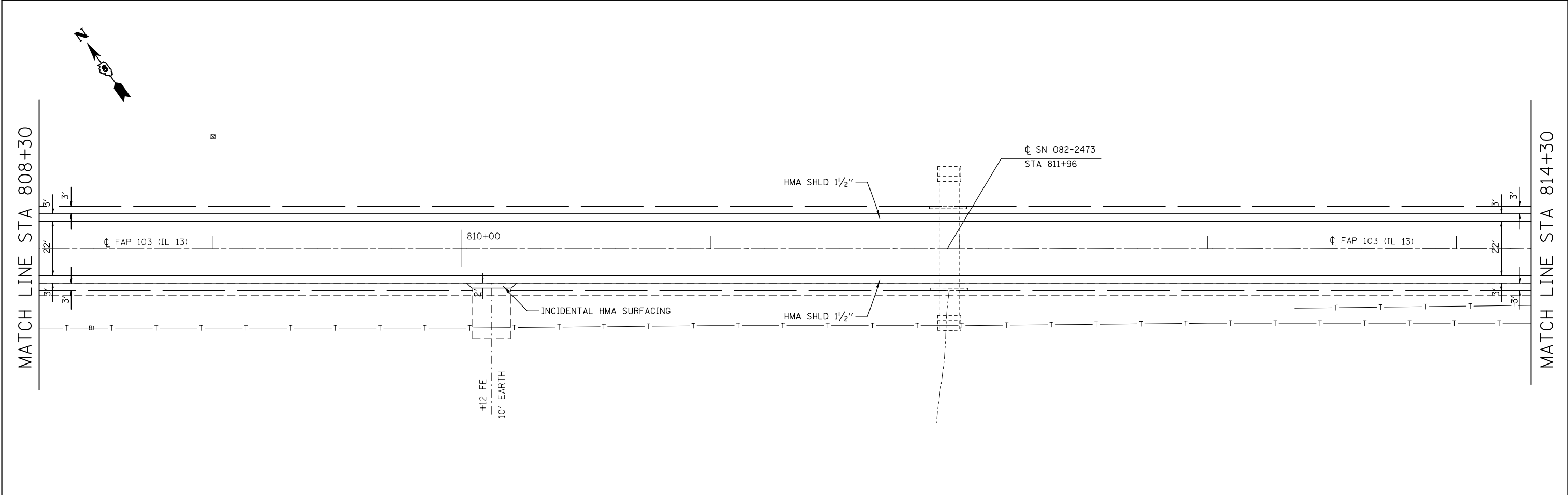
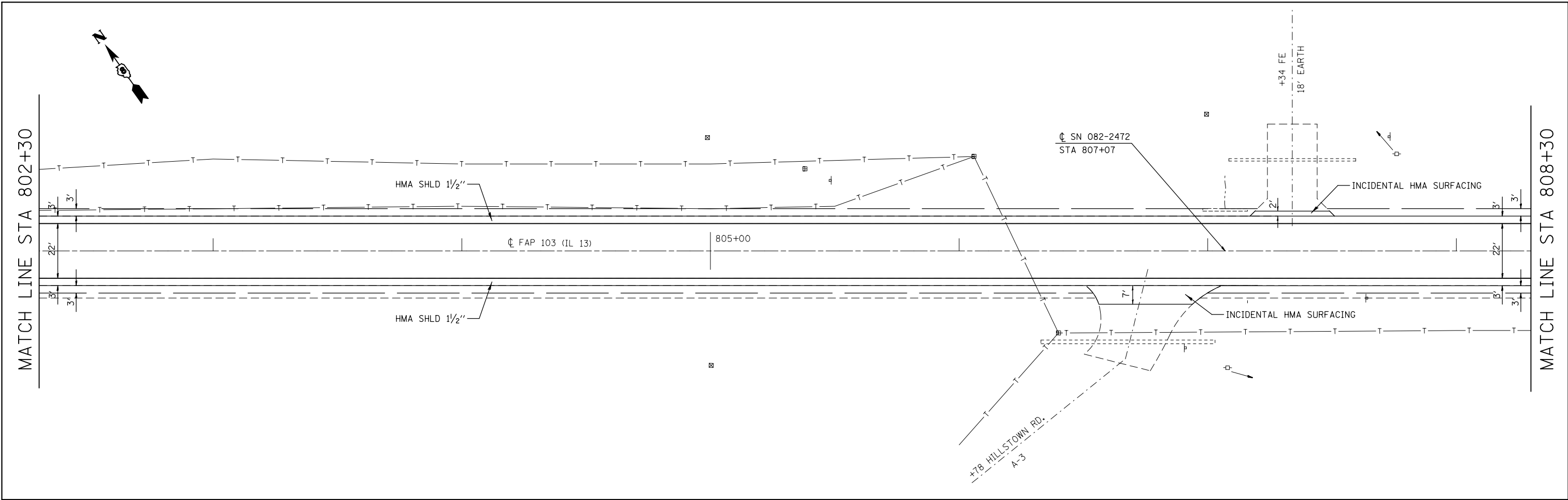
P.I. STA=	787+91.47	L=	1,367.33
Δ=	1° 02' 21.00" LT	E=	3.10
D=	0° 04' 33.60"	S.E.=	N/A
R=	75,389.48	P.C. STA=	781+07.79
T=	683.68	P.T. STA=	794+75.12



FILE NAME =	USER NAME = chollandeske	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\midot\chollandeske\d0115523\0876E88-sh-t-plan1.dgn		DRAWN -	REVISED -		103	(23,24)RS-4	ST. CLAIR	54	37			
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -		SCALE: N/A			SHEET NO. 18 OF 30 SHEETS			STA. 778+30 TO STA. 790+30	
PLOT DATE = 3/22/2013		DATE -	REVISED -		CONTRACT NO. 76E88			ILLINOIS FED. AID PROJECT				

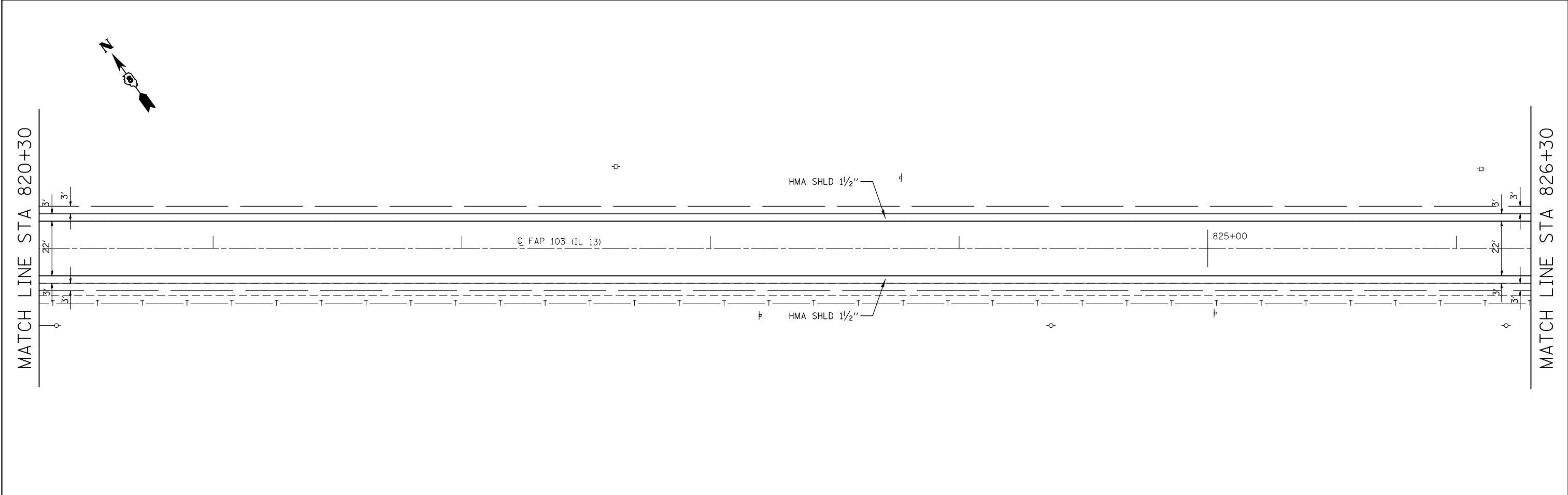
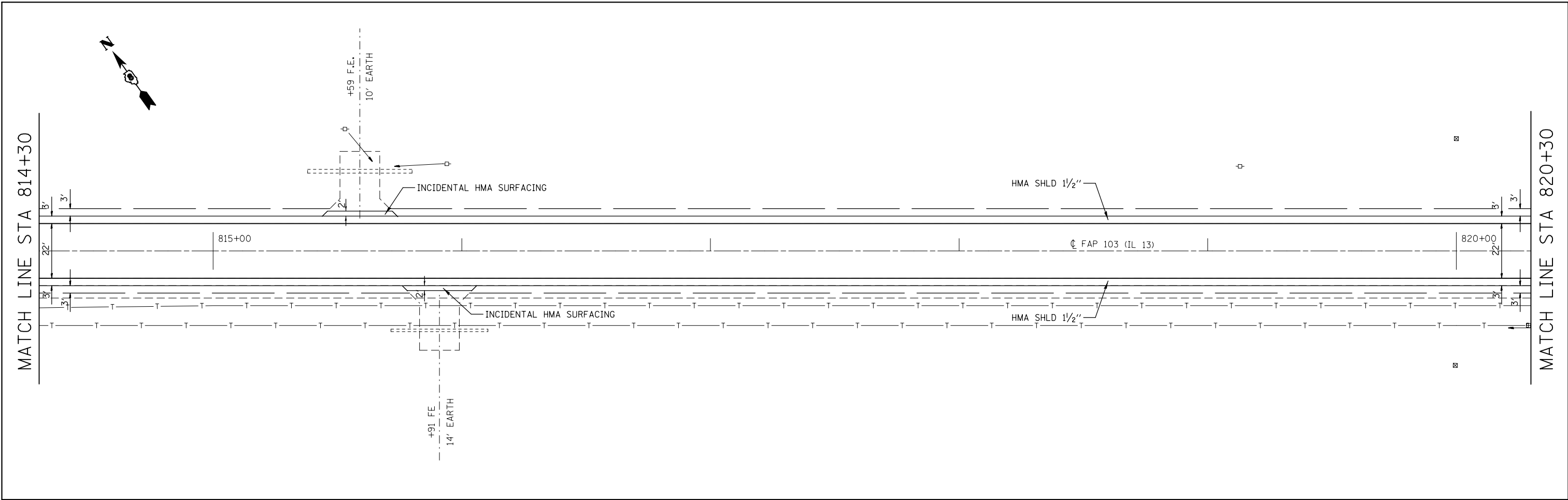


FILE NAME =	USER NAME = chollandeske	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\dot\chollandeske\d0115523\0876E88-sh-t-plan1.dgn		DRAWN -	REVISED -		103	(23,24)RS-4	ST. CLAIR	54	38			
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 76E88			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 3/22/2013	DATE -	REVISED -		SCALE: N/A	SHEET NO. 19 OF 30 SHEETS	STA. 790+30 TO STA. 802+30					

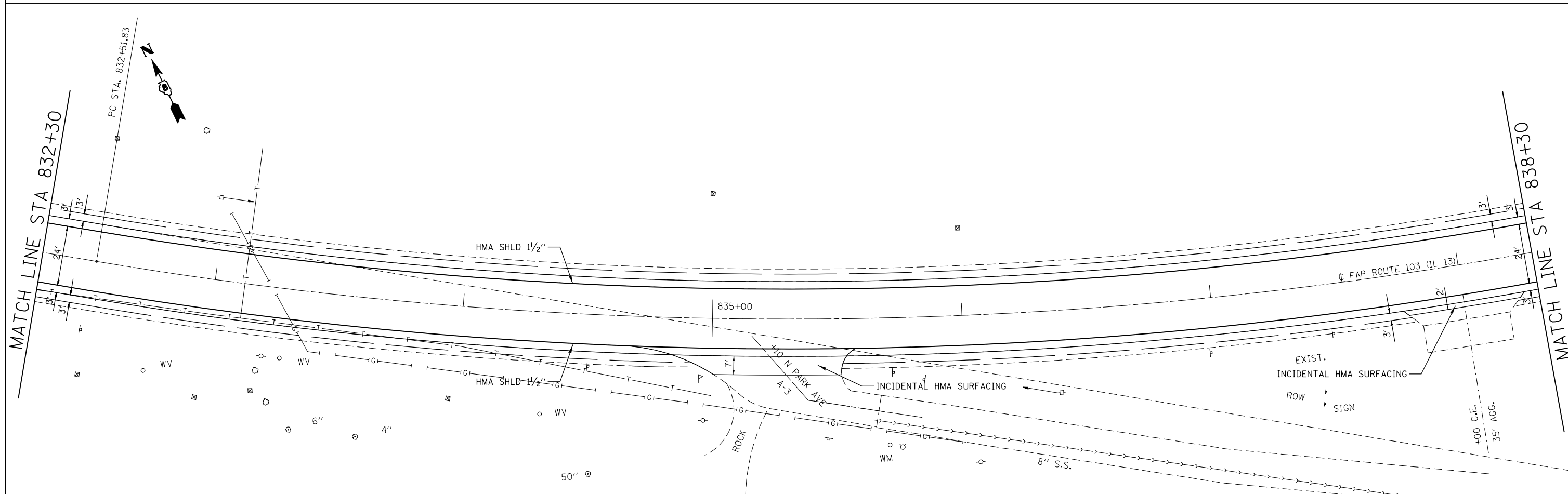
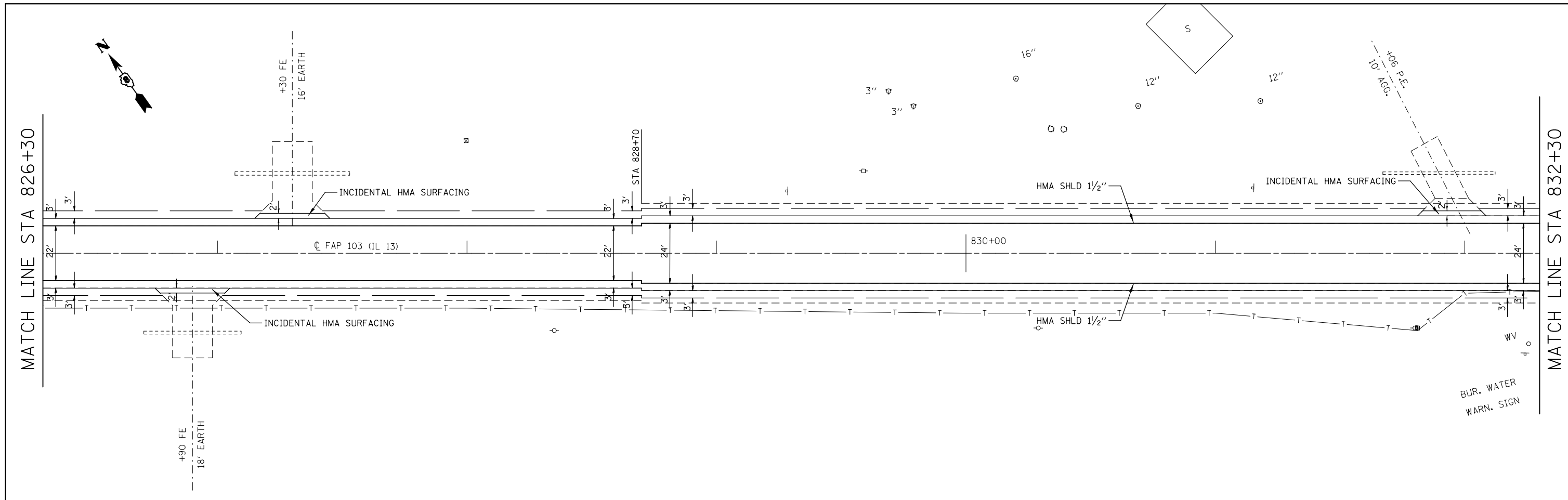


FILE NAME =	USER NAME = chollandeske	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\dot\chollandeske\d0115523\	0876E88-sh-t-plan1.dgn	DRAWN -	REVISED -		103	(23,24)RS-4	ST. CLAIR	54	39			
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 76E88							
	PLOT DATE = 3/22/2013	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

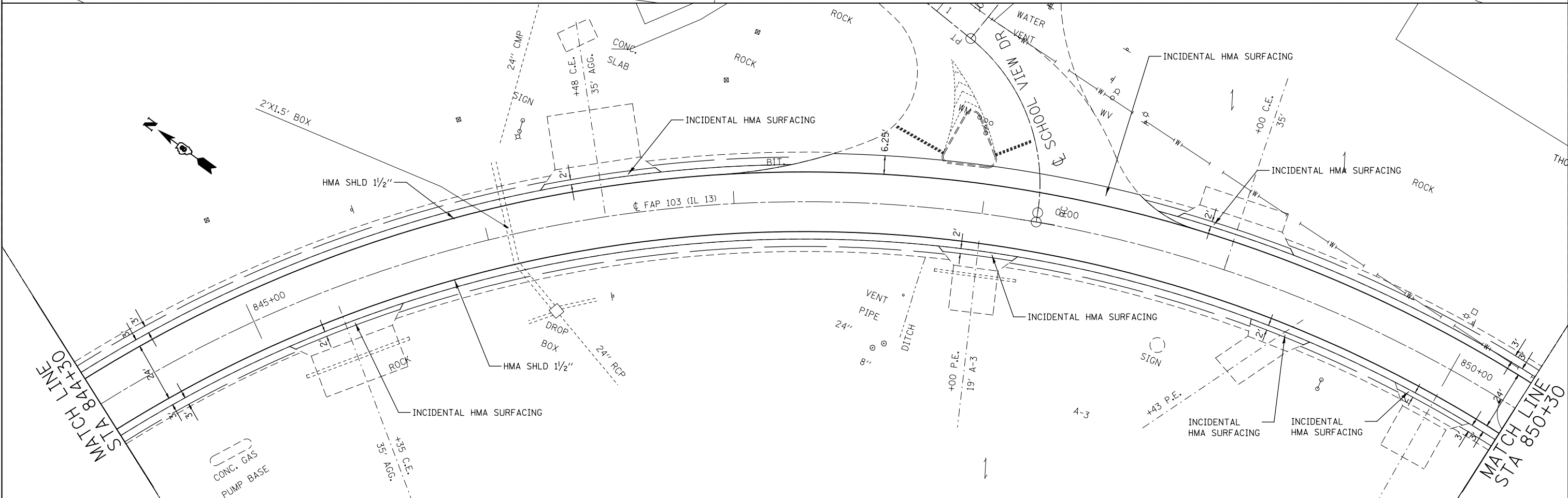
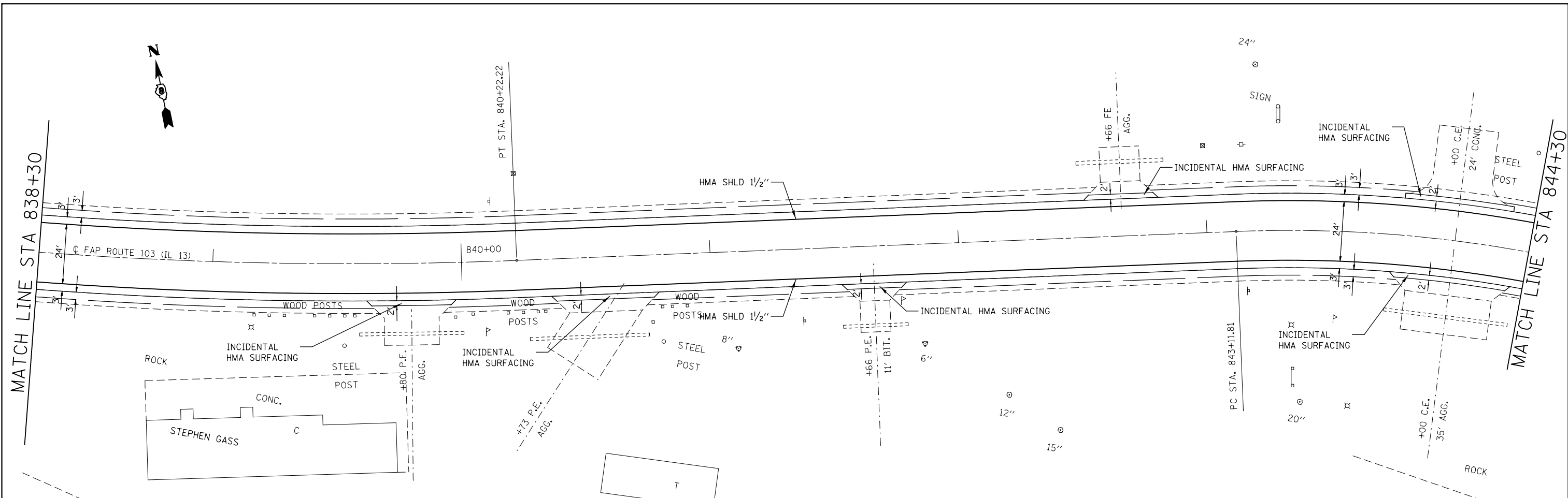
SCALE: N/A SHEET NO. 20 OF 30 SHEETS STA. 802+30 TO STA. 814+30



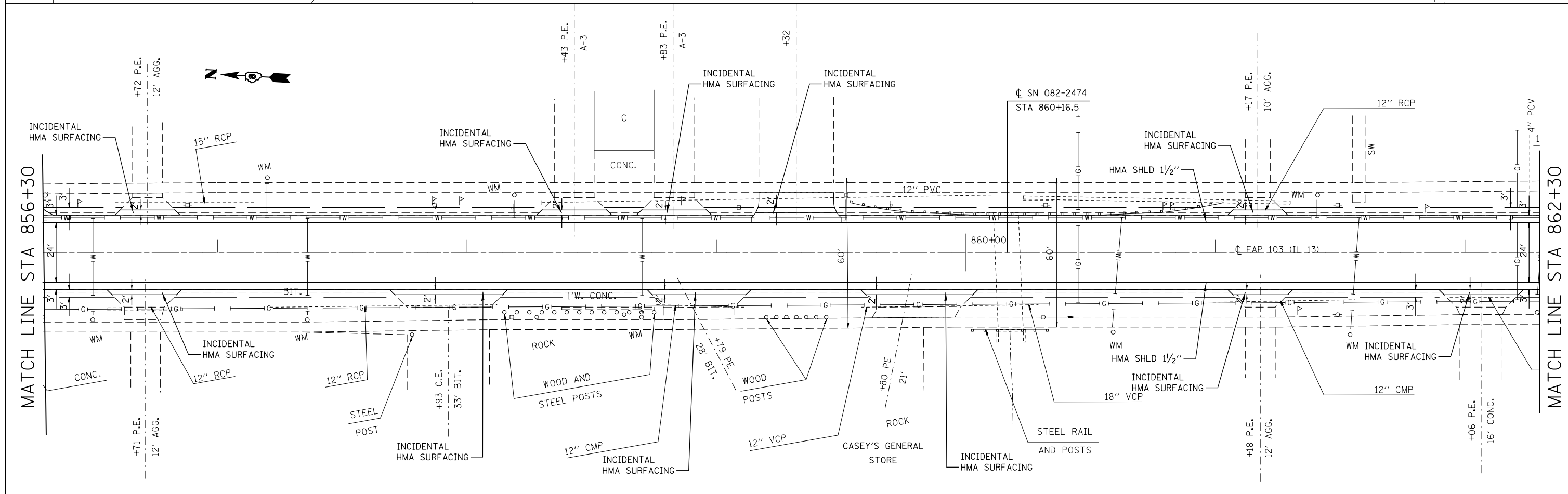
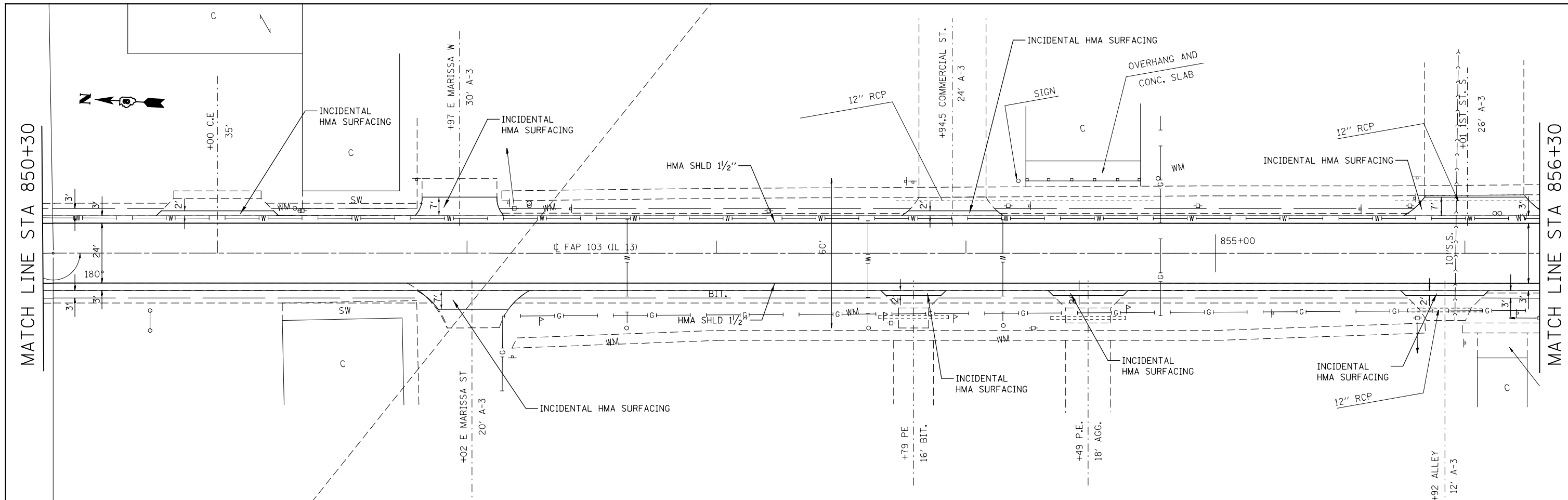
FILE NAME = c:\pwwork\p\dot\challengeske\d0115523\0876E88-sh-t-plan1.dgn	USER NAME = challengeske	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -		103	(23,24)RS-4	ST. CLAIR	54	40			
PLOT DATE = 3/22/2013	CHECKED -	REVISED -	CONTRACT NO. 76E88									
	DATE -	REVISED -	SCALE: N/A		SHEET NO. 21 OF 30 SHEETS	STA. 814+30 TO STA. 826+30	ILLINOIS FED. AID PROJECT					



FILE NAME =	USER NAME = chollandeske	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\midot\chollandeske\d0115523\0876E88-sh1-plan1.dgn		DRAWN -	REVISED -		103	(23,24)RS-4	ST. CLAIR	54	41			
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 76E88							
PLOT DATE = 3/22/2013		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

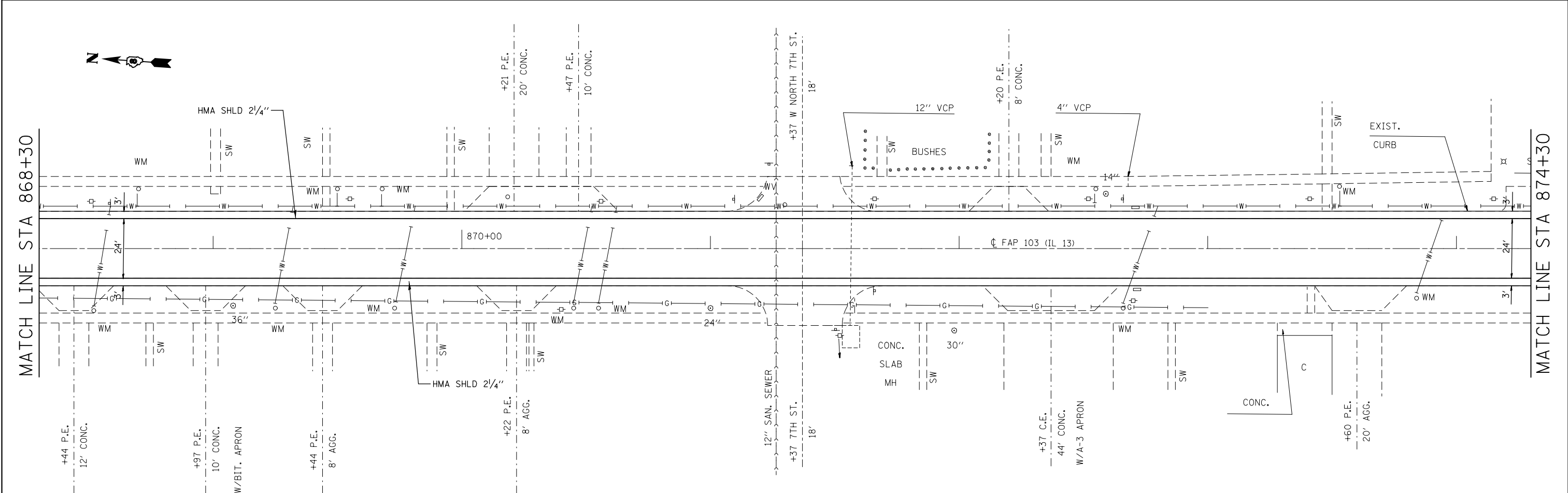
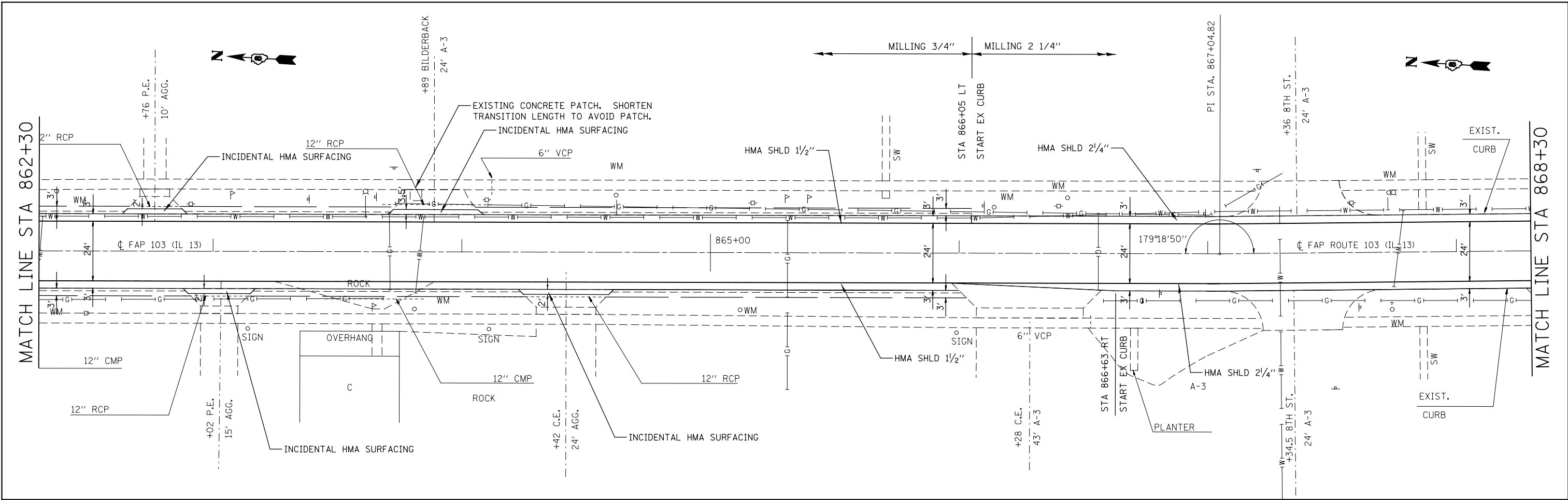


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PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -		SCALE: N/A SHEET NO. 23 OF 30 SHEETS STA. 838+30 TO STA. 850+30			CONTRACT NO. 76E88				
PLOT DATE = 3/22/2013		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



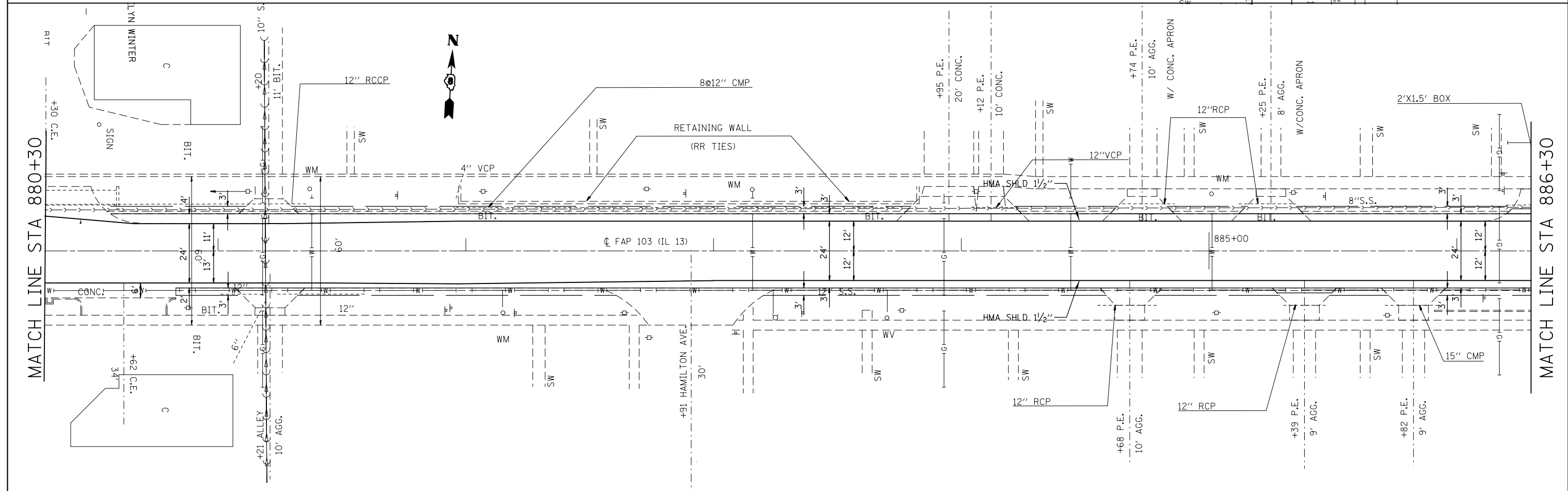
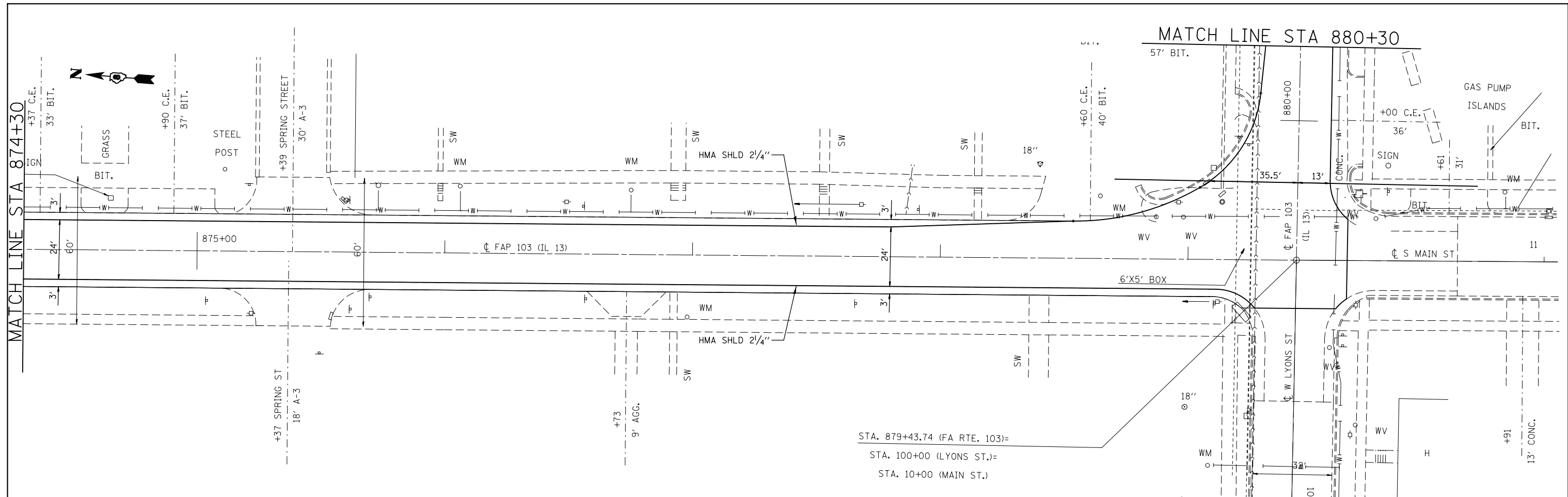
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et:\pw\work\p\midot\challandeske\d0115523\0876E88-sh1-plan1.dgn		DRAWN -	REVISED -		103	(23,24)RS-4	ST. CLAIR	54	43			
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 76E88							
PLOT DATE = 3/22/2013		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

SCALE: N/A SHEET NO. 24 OF 30 SHEETS STA. 850+30 TO STA. 862+30

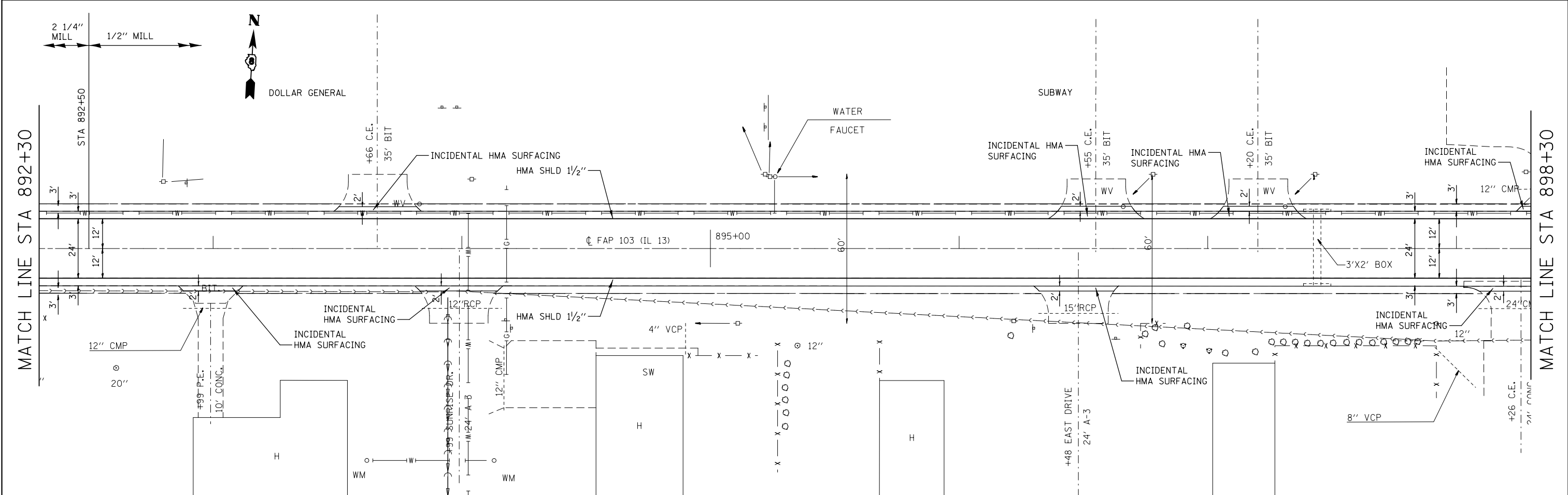
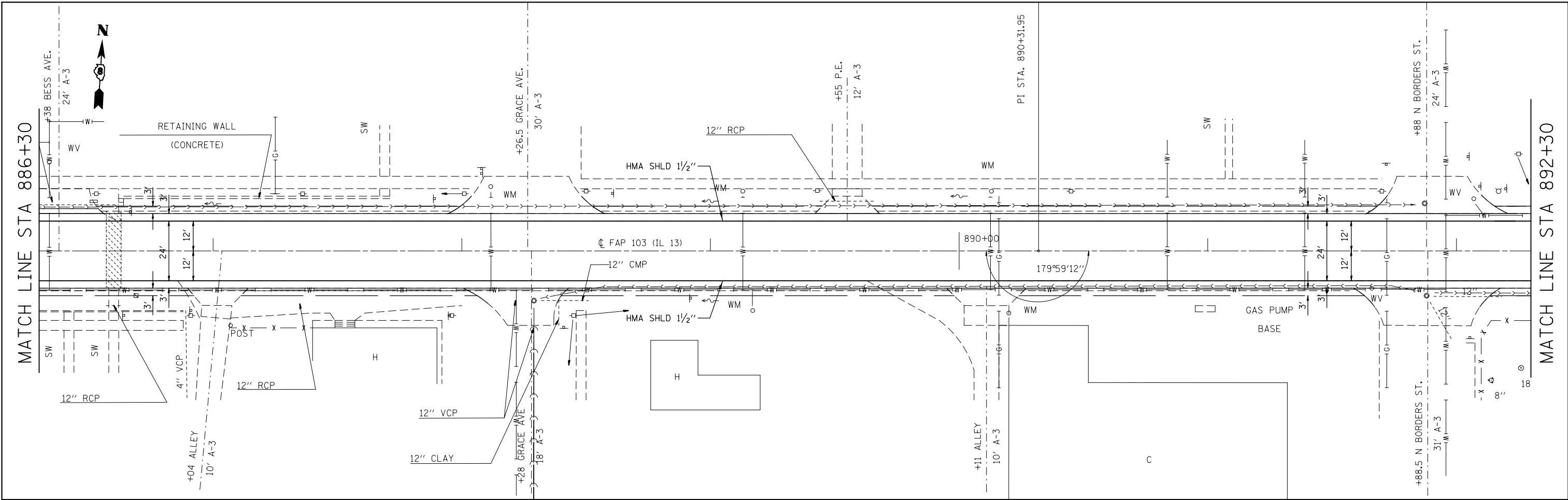


FILE NAME =	USER NAME = chollandeske	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pwork\p\dot\chollandeske\d0115523\0876E88-sh1-plan1.dgn		DRAWN -	REVISED -		SCALE: N/A	SHEET NO. 25 OF 30 SHEETS	STA. 862+30 TO STA. 874+30	103	(23,24)RS-4	ST. CLAIR	54	44	
		CHECKED -	REVISED -										
		DATE -	REVISED -										

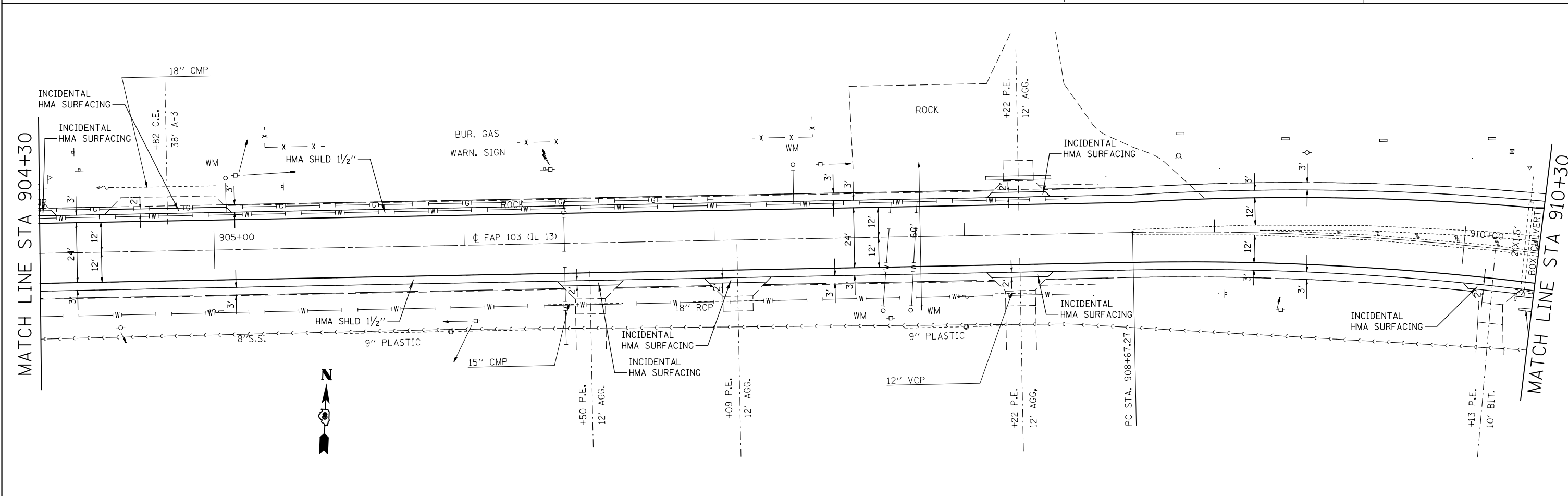
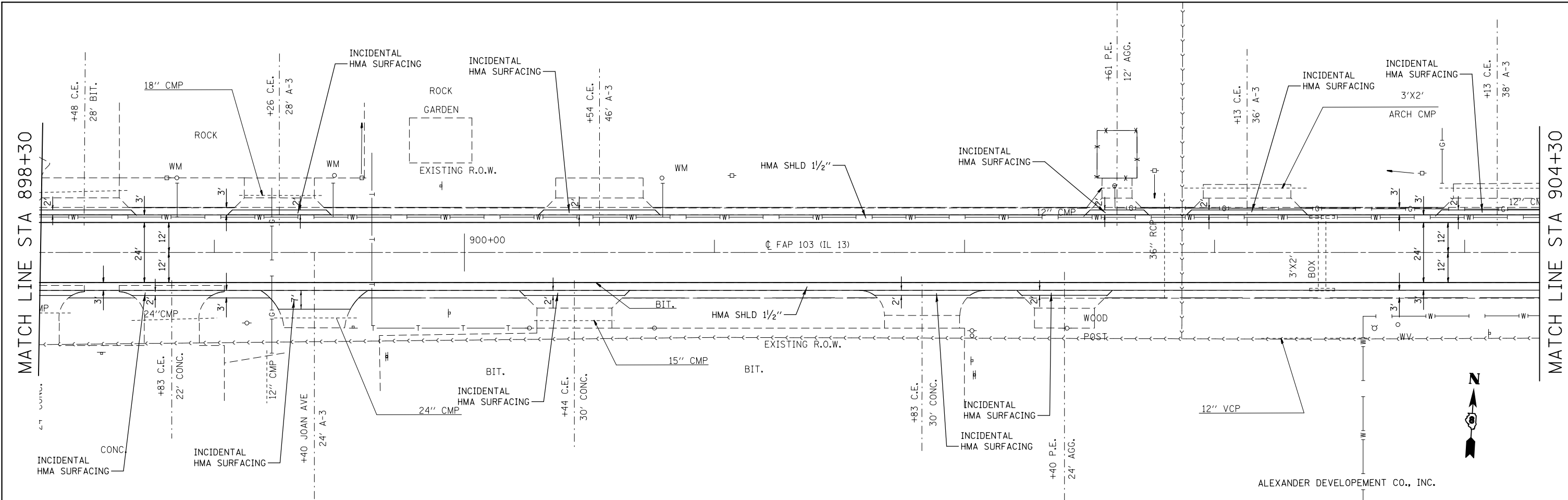
ILLINOIS FED. AID PROJECT



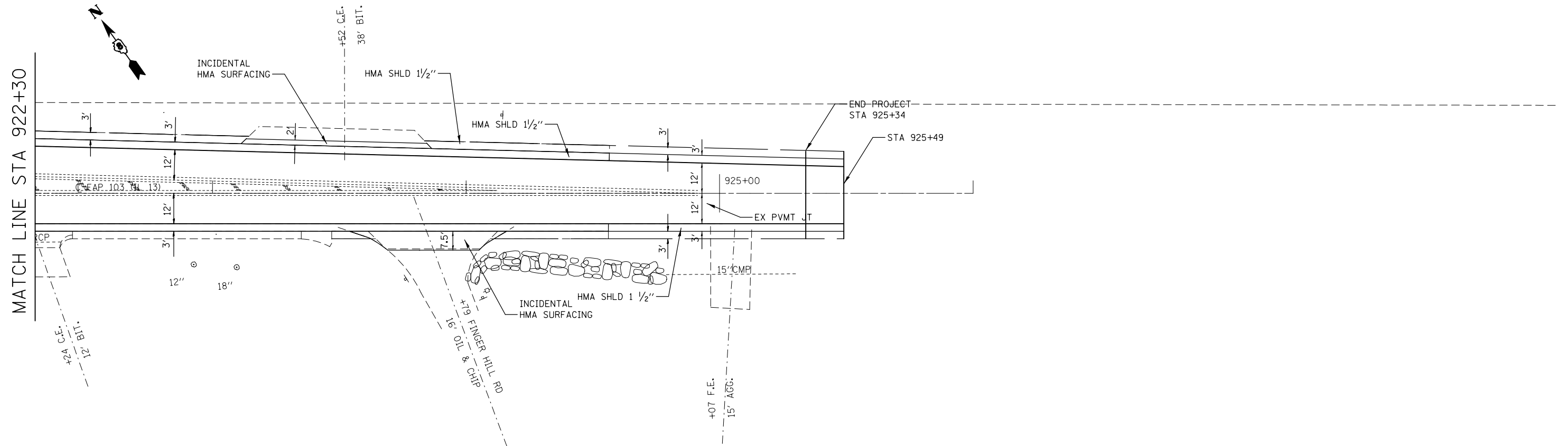
FILE NAME =	USER NAME = chollandeske	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 3/22/2013	DATE -	CHECKED -	REVISED -		CONTRACT NO. 76E88							
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



FILE NAME =	USER NAME = challandeske	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwork\pwork\challandeske\d0115523\0876E88-sh1-plan1.dgn	0876E88-sh1-plan1.dgn	DRAWN -	REVISED -		103	(23,24)RS-4	ST. CLAIR	54	46			
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 76E88			ILLINOIS FED. AID PROJECT				
PLOT DATE = 3/22/2013		DATE -	REVISED -		SCALE: N/A	SHEET NO. 27 OF 30 SHEETS	STA. 886+30 TO STA. 898+30					



FILE NAME =	USER NAME = chollandeske	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwork\p\dot\chollandeske\d0115523\0876E88-sh-t-plan1.dgn		DRAWN -	REVISED -		103	(23,24)RS-4	ST. CLAIR	54	47			
PLOT SCALE = 48.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 76E88							
PLOT DATE = 3/22/2013		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



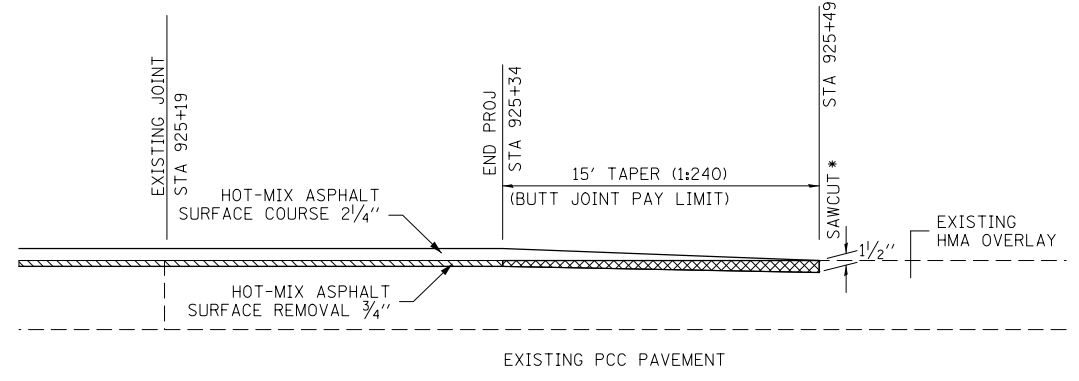
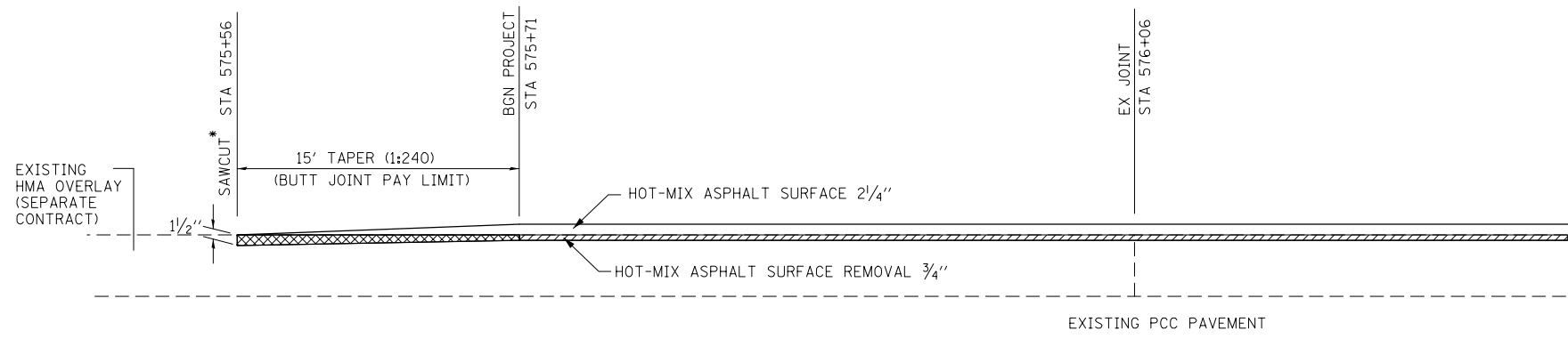
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/22/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

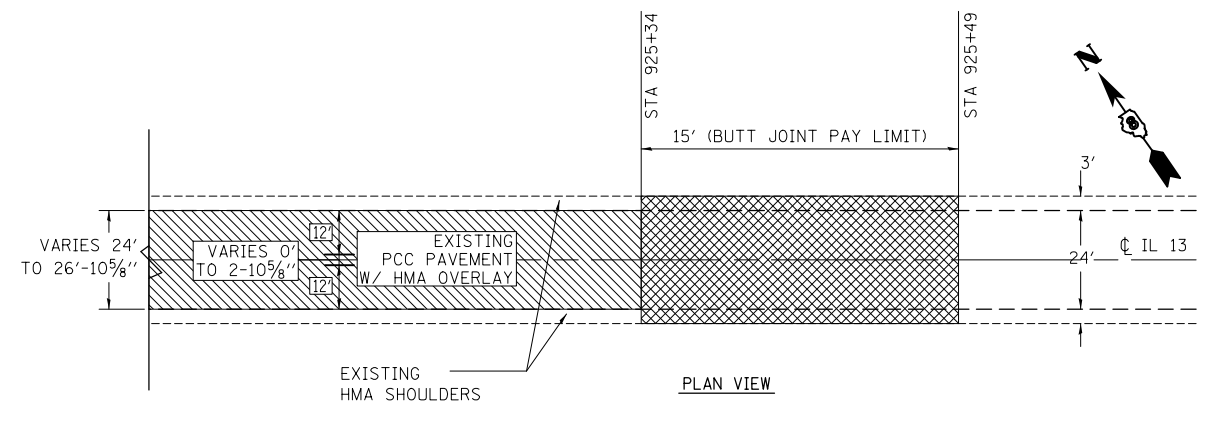
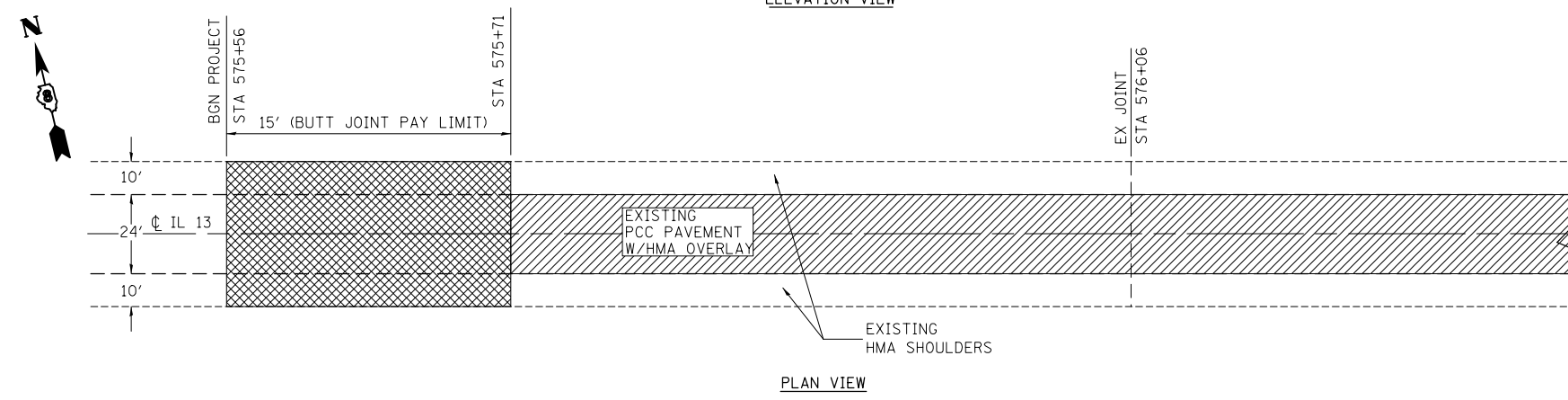
SCALE: 1" = 20' SHEET NO. 30 OF 30 SHEETS STA. 922+30 TO STA. 926+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(23,24)RS-4	ST. CLAIR	54	49
				CONTRACT NO. 76E88
ILLINOIS FED. AID PROJECT				



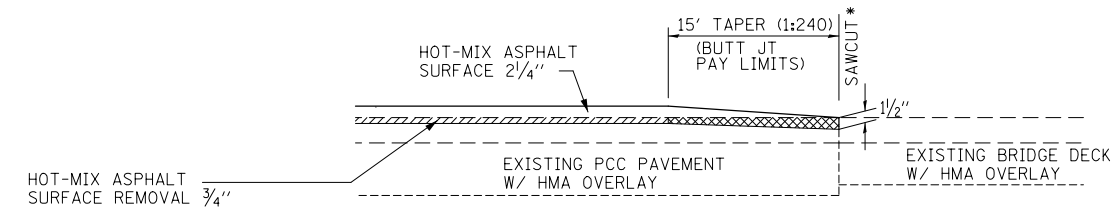
*COST OF SAWCUT TO BE INCLUDED WITH REMOVAL PAY ITEM

*COST OF SAWCUT TO BE INCLUDED WITH REMOVAL PAY ITEM

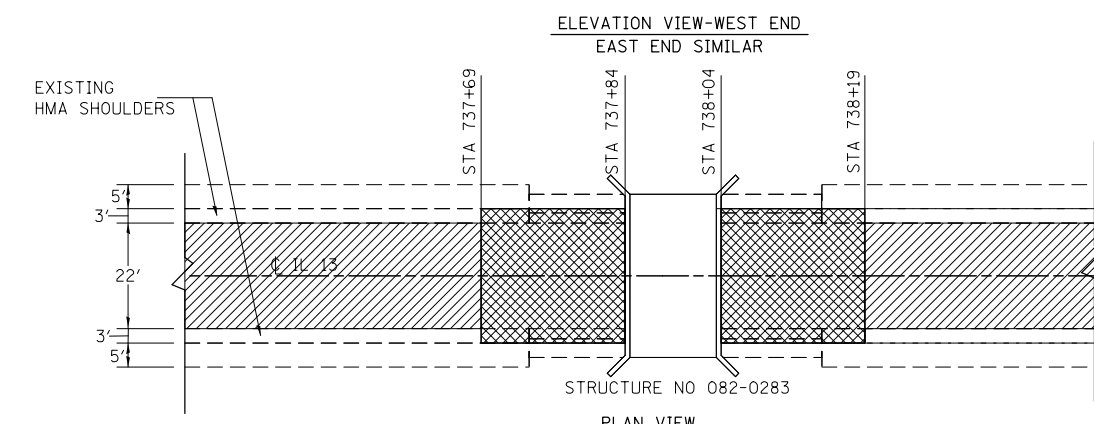


HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
STA 575+56 TO STA 575+71

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
STA 925+34 TO STA 925+49



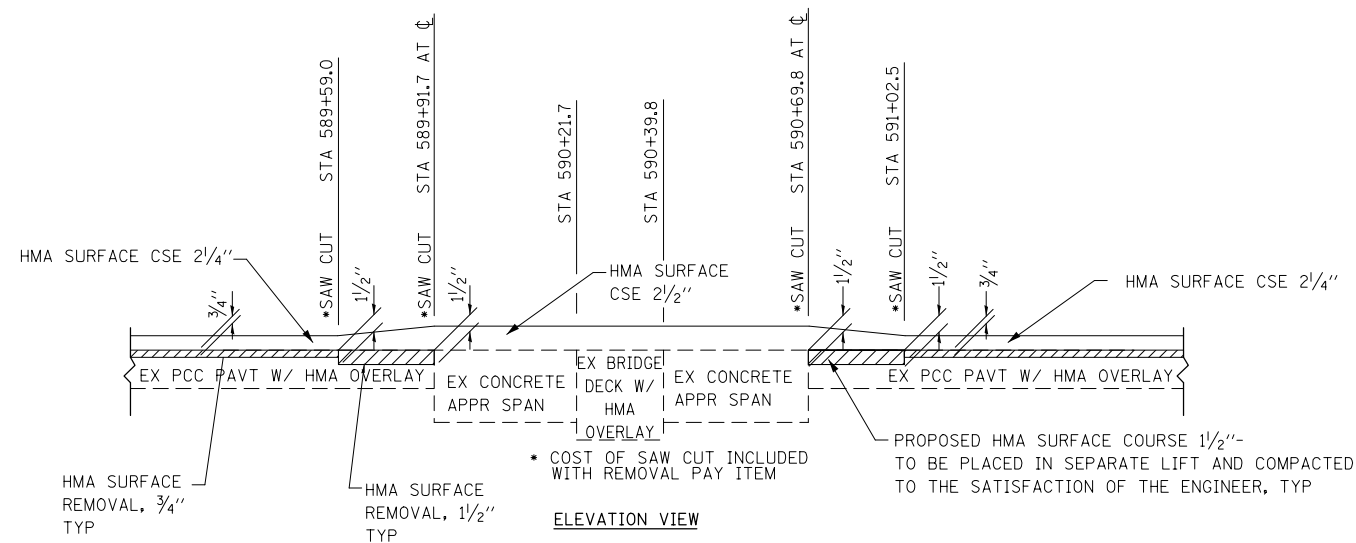
* COST OF SAW CUT TO BE INCLUDED WITH REMOVAL PAY ITEM



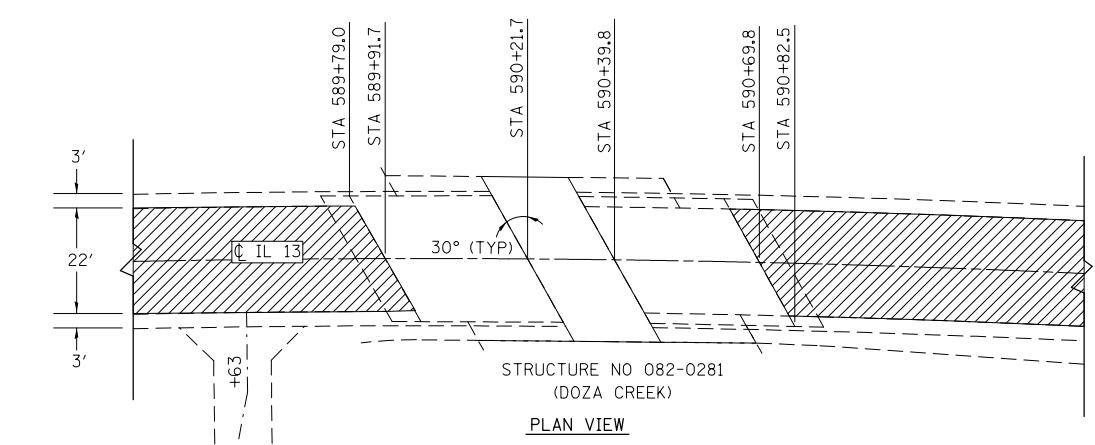
HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
STA 737+69 TO STA 737+84
STA 738+04 TO STA 738+19

- HOT-MIX ASPHALT SURFACE REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

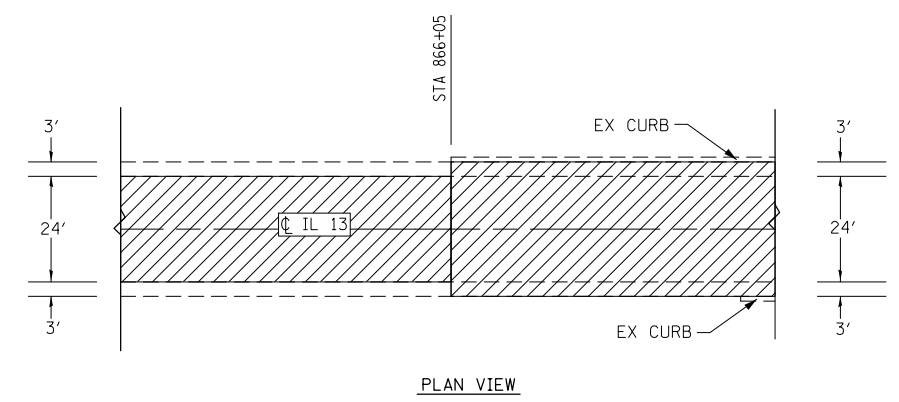
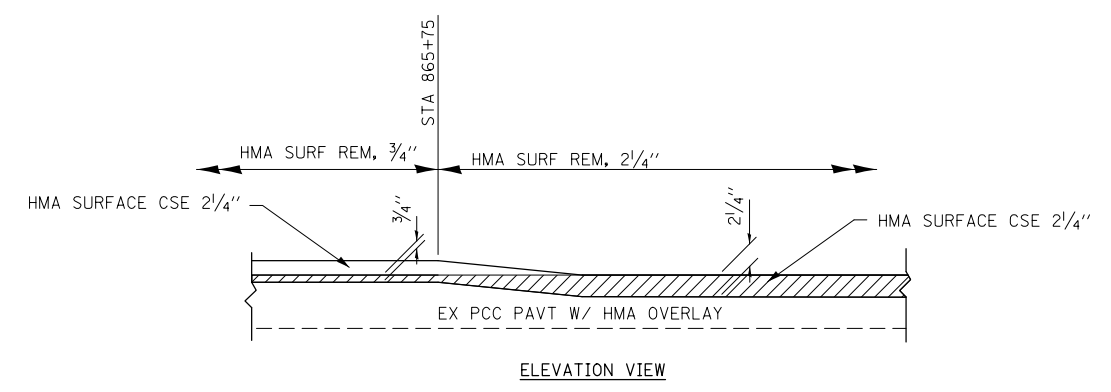
FILE NAME =	USER NAME = challandeske	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINT DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\dot\challandeske\d0115523\0876E88-sh-t-details.dgn		DRAWN -	REVISED -		103	(23,24)RS-4	ST. CLAIR	54	50	CONTRACT NO. 76E88		
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -		SCALE: N/A	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			
PLOT DATE = 3/22/2013		DATE -	REVISED -									



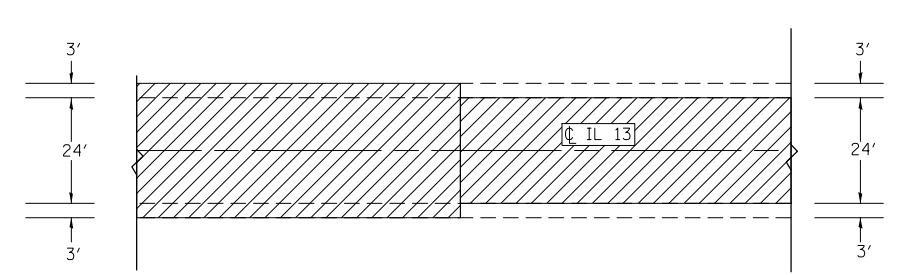
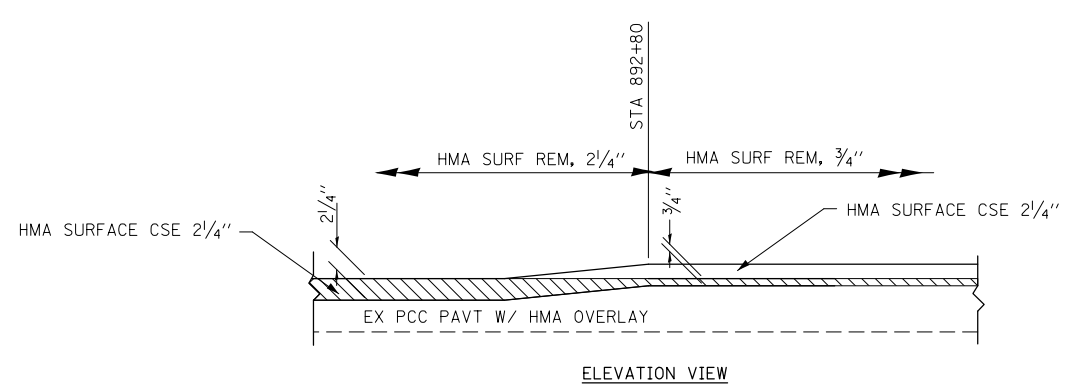
• COST OF SAW CUT INCLUDED WITH REMOVAL PAY ITEM
 PROPOSED HMA SURFACE COURSE 1 1/2\"/>



SN 082-0281 OVERLAY DETAIL



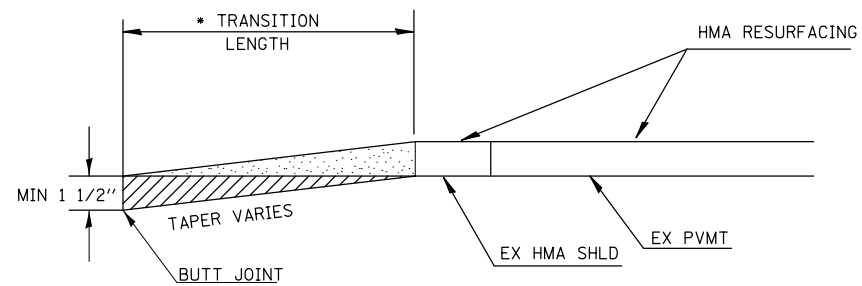
MILLING TRANSITION DETAIL



MILLING TRANSITION DETAIL

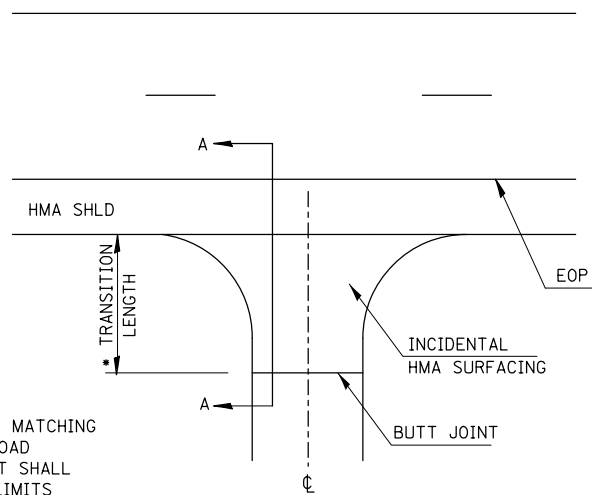
- HOT-MIX ASPHALT SURFACE REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

FILE NAME =	USER NAME = chollandeske	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	OVERLAY DETAILS/MILLING TRANSITION DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	0876E88-shd-details.dgn	DRAWN -	REVISED -		SCALE: N/A	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	103	(23,24)RS-4	ST. CLAIR	54	51
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					CONTRACT NO. 76E88			ILLINOIS FED. AID PROJECT		
	PLOT DATE = 3/22/2013	DATE -	REVISED -										



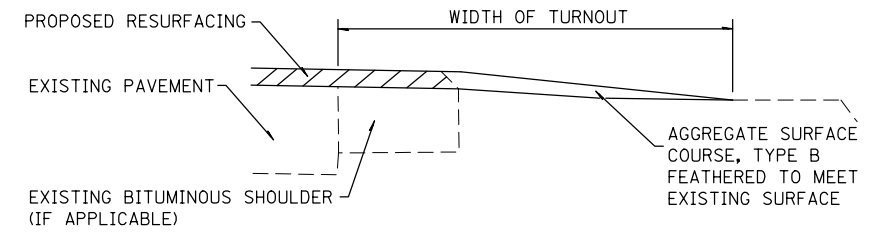
SECTION A-A

EOP/SHLD ELEVATION CHANGE	*TOTAL TRANSITION LENGTH
3/4"	3.5'
1"	5'
1-1/2"	7.5'
2"	10'
2-1/2"	12.5'
3"	15'
3-1/2"	17.5'
4"	20'
4-1/2"	22.5'
5"	25'
5-1/2"	27.5'
6"	30'

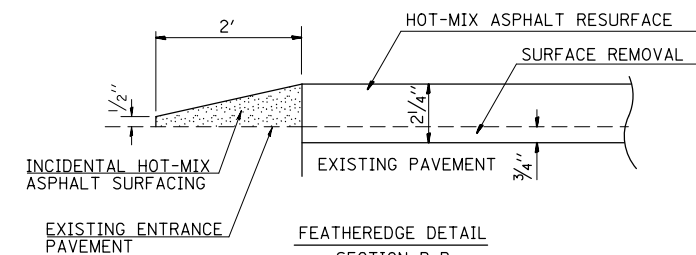


SIDEROAD DETAIL

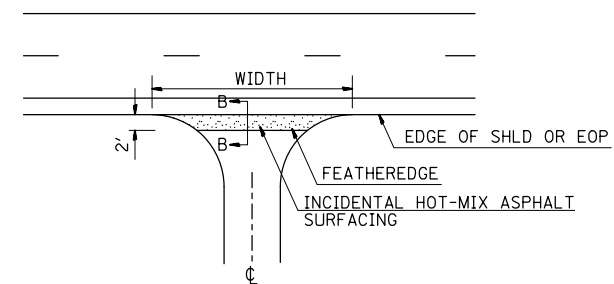
NOTE:
WHERE THE HMA TRANSITION IS MATCHING INTO AN EXISTING HMA SIDE ROAD SURFACE, A MILLED BUTT JOINT SHALL BE CONSTRUCTED WITHIN THE LIMITS OF THE TOTAL TRANSITION LENGTH ON THE LOCAL ROUTE.



TYPICAL SECTION AT MAILBOX TURNOUT
NOTE: SEE STANDARD 406201 FOR MAILBOX TURNOUT DETAILS



SECTION B-B



ENTRANCE DETAIL

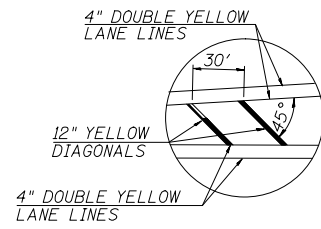
FILE NAME =	USER NAME = chollandeske	DESIGNED -	REVISED -
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

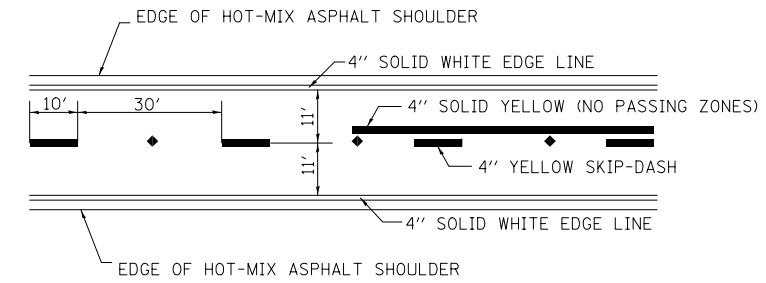
SIDEROAD DETAILS / ENTRANCE DETAILS /
MAILBOX TURNOUT DETAILS

SCALE: N/A SHEET NO. 1 OF 1 SHEETS STA. TO STA.

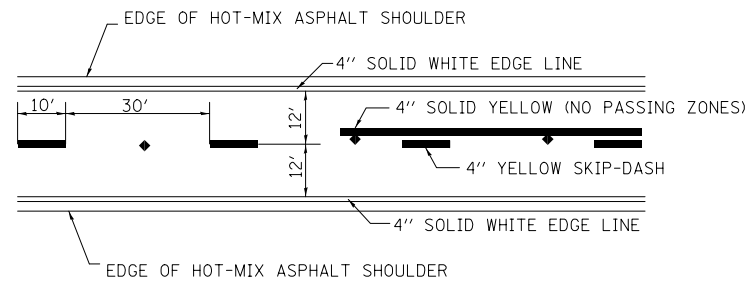
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(23,24)RS-4	ST. CLAIR	54	52
CONTRACT NO. 76E88				
ILLINOIS FED. AID PROJECT				



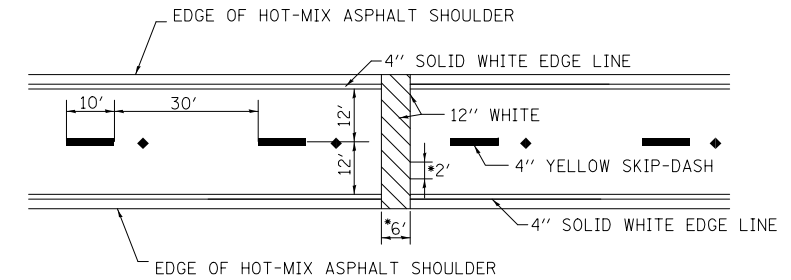
PAVEMENT MARKING DETAIL
FOR CHANNELIZATION
STA 908+67.27 TO STA 917+06.4
STA 918+70.8 TO STA 924+91.3



PAVEMENT MARKING DETAIL (IL 13)
STA 577+86 TO STA 828+70



PAVEMENT MARKING DETAIL (IL 13)
STA 576+06 TO STA 577+86
STA 828+70 TO STA 908+67.27



PAVEMENT MARKING DETAIL (IL 13)
STA 886+70

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

NOTE:
RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE DOUBLE AMBER, PLACED ON 80' CENTERS ALONG CENTERLINE UNLESS OTHERWISE NOTED.

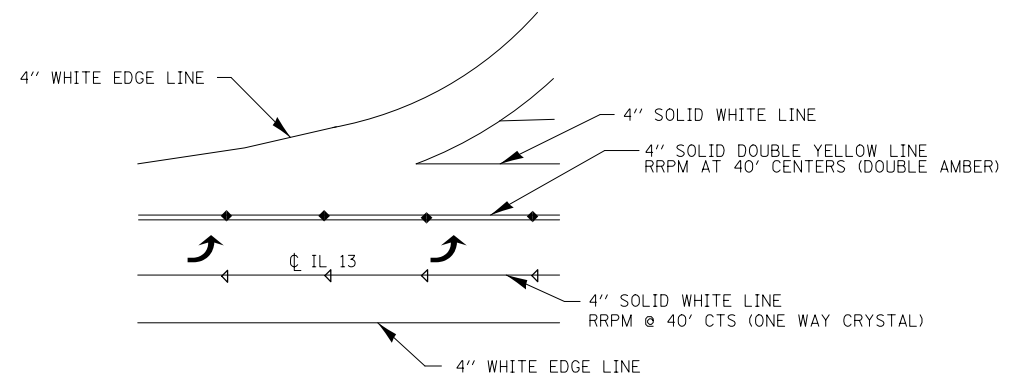
FILE NAME =	USER NAME = chollandeske	DESIGNED -	REVISED -
et:\pwork\work\pwork\chollandeske\d0115523\0876E88-shd-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/22/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

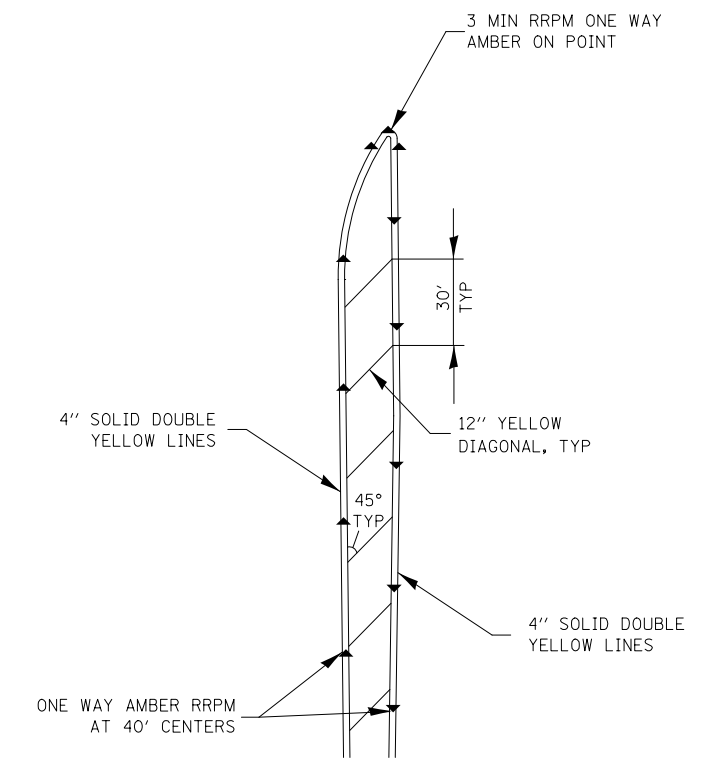
PAVEMENT MARKING DETAILS

SCALE: N/A SHEET NO. 1 OF 2 SHEETS STA. TO STA.

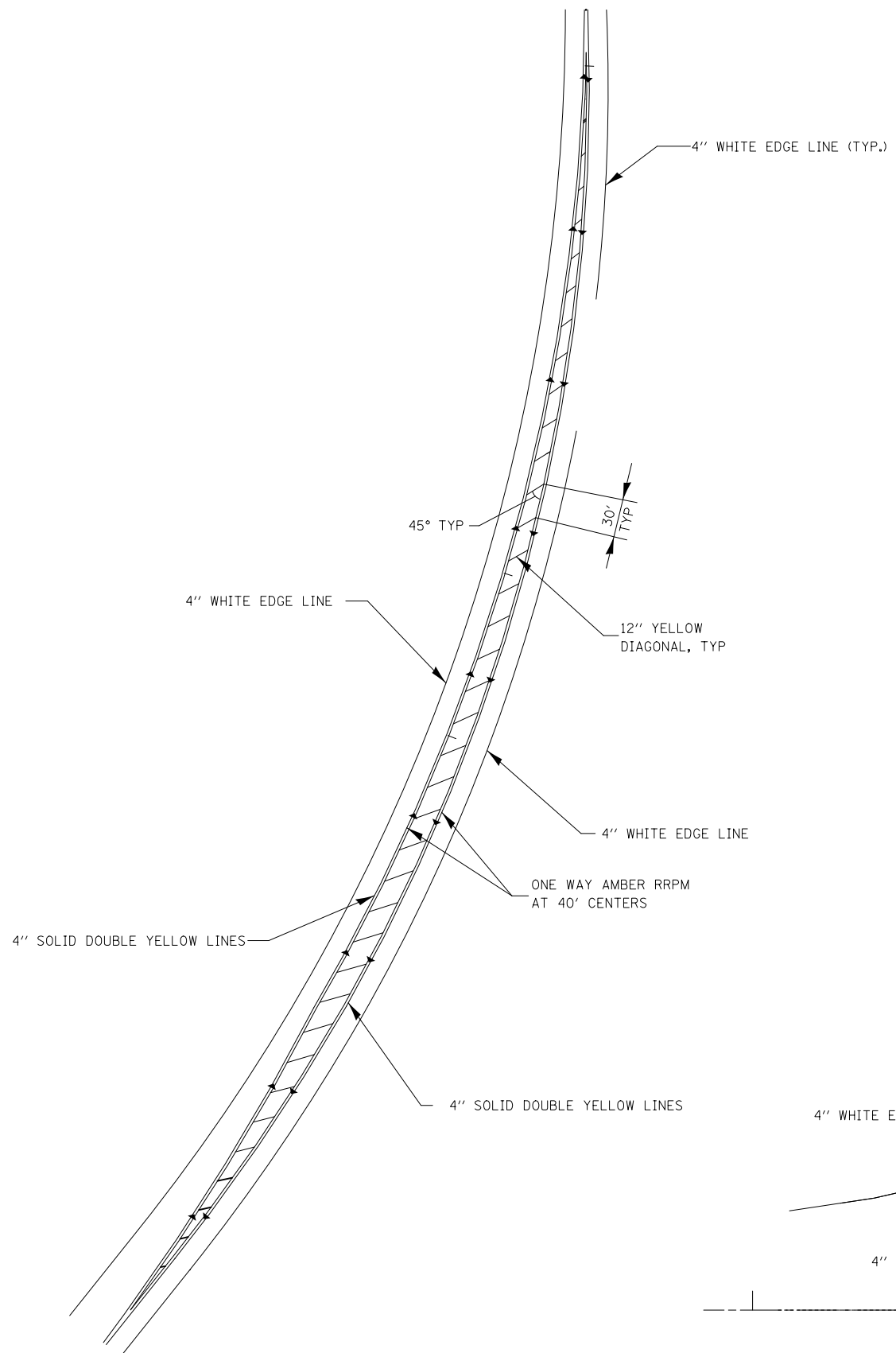
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(23,24)RS-4	ST. CLAIR	54	53
CONTRACT NO. 76E88				
ILLINOIS FED. AID PROJECT				



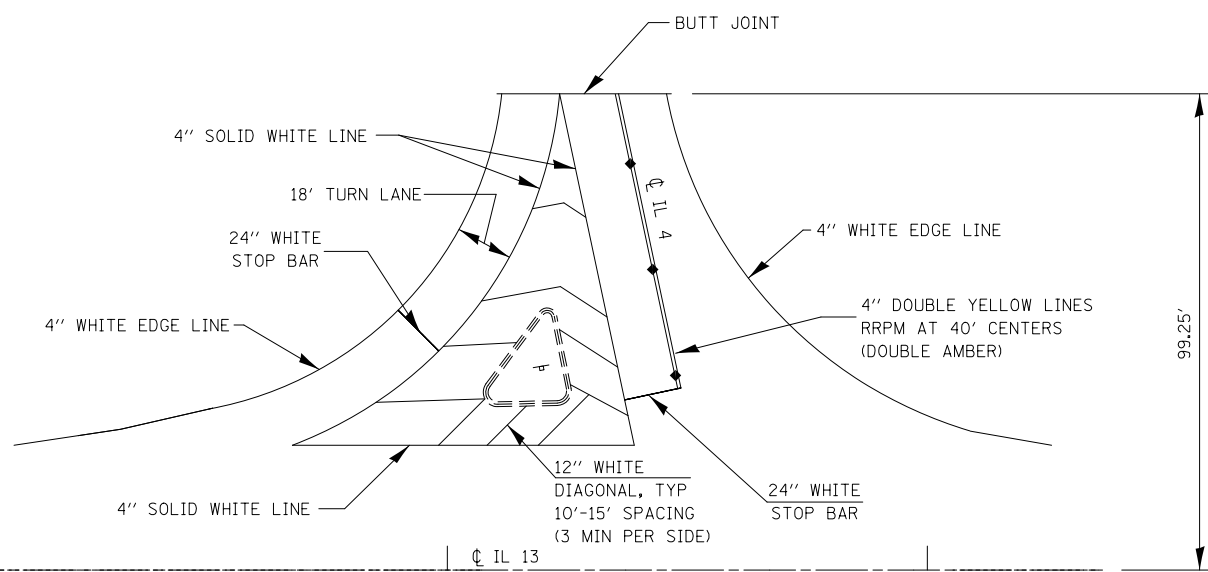
LEFT TURN LANE PAVEMENT MARKING DETAIL (IL 13)
STA 917+06.4 TO STA 918+06.8



PAVEMENT MARKING DETAIL (IL 13)
STA 918+70.8 TO STA 924+91.3



PAVEMENT MARKING DETAIL (IL 13)
STA 908+67.3 TO STA 917+06.4



PAVEMENT MARKING DETAIL (IL 4)
STA 918+56.75 (IL 13)

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

FILE NAME =	USER NAME = challandeske	DESIGNED -	REVISED -
et:\pw\work\p\dot\challandeske\d0115523\	D876E88-shd-details.dgn	DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/22/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS

SCALE: N/A SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	(23,24)RS-4	ST. CLAIR	54	54
CONTRACT NO. 76E88				
ILLINOIS FED. AID PROJECT				