

06-14-13 LETTING ITEM 088

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

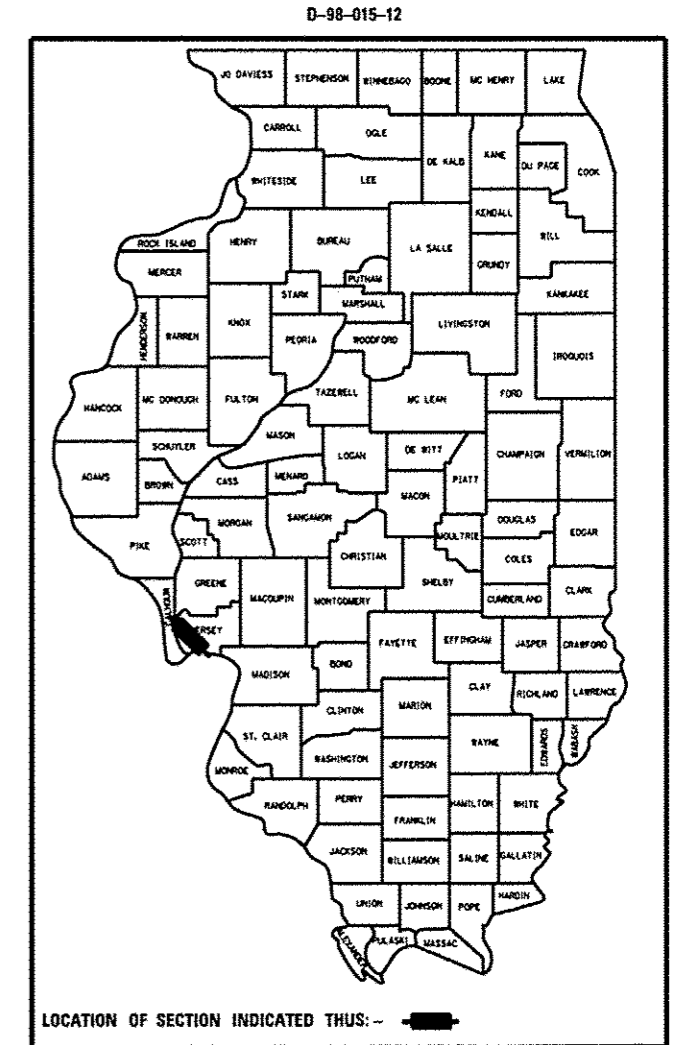
**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 304 (IL 100)
SECTION (6,4,2)RS-3
PROJECT NHPP-0304(045)
3P - RESURFACING
JERSEY COUNTY

C-98-015-12

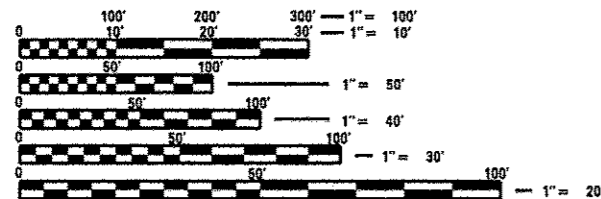
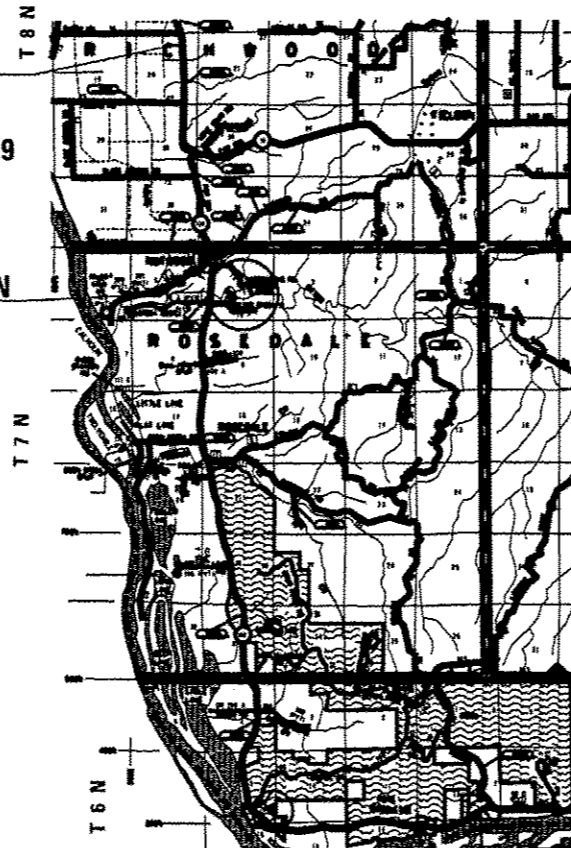
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
304	16,4,2RS-3	JERSEY	52	1
		ILLINOIS	CONTRACT NO. 76F24	

FOR INDEX OF SHEETS, SEE SHEET NO. 2



END PROJECT
MM 16.0
LAT: 39.130524
LONG: -90.563329

BRIDGE OMISSION
SN 042-0012
273 FT.



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: TIM PADGETT (618)346-3325
PROJECT MANAGER: PHILIP COPPERNOLL (618)346-3208

CONTRACT NO. 76F24

GROSS LENGTH = 84,480.00 FT. = 16.000 MILES
NET LENGTH = 84,207.00 FT. = 15.948 MILES

R 12 W
BEGIN PROJECT
MM 0.00
LAT: 38.972083
LONG: -90.464527

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED March 21, 2013

Jeffrey R. Keiser
DEPUTY DIRECTOR OF HIGHWAYS, REGION-5 ENGINEER

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

May 10, 2013
Onesimus Osuwan, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

GENERAL NOTES

- THE STANDARDS AND REVISION NUMBERS LISTED SHALL APPLY TO THIS PROJECT.
- ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES 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 - GAS & ELECTRIC
 - FRONTIER NORTH, INC. - COMMUNICATIONS
 - GRAFTON COMMUNICATIONS - COMMUNICATIONS
 - JERSEY COUNTY RURAL WATER COMPANY - WATER
 - CITY OF JERSEYVILLE - WATER & SANITARY SEWER
 - M.J.M. ELECTRIC COOPERATIVE, INC. - ELECTRIC

(MEMBERS OF J.U.L.I.E. (800) 892-0123 ARE INDICATED BY *. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.)
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- THE CONTRACTOR AND ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING AND TOPO SHOWN IN THE PLANS WAS CREATED USING MICROFILM AND FIELD MEASUREMENTS MADE BY DESIGN PERSONNEL. BOTH SHALL BE ASSUMED TO BE APPROXIMATE.
- NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.
- "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT EACH END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS, AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE, 48" X 48".
- PROPOSED PAVEMENT MARKING SHALL BE PLACED IN THE SAME LOCATIONS AS EXISTING AS DIRECTED BY THE RESIDENT ENGINEER.
- THE PAVEMENT MARKING SHOWN IN THE PLANS IS APPROXIMATE. THE LOCATION OF THE PROPOSED CROSSWALKS AND STOP BARS SHALL MATCH EXISTING FIELD CONDITIONS.
- SHORT-TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED, PRIMED, AND FINAL BITUMINOUS SURFACE. ONLY THE REMOVAL OF THE FINAL SURFACE APPLICATION SHALL BE PAID FOR AS WORK ZONE PAVEMENT MARKING REMOVAL - SQ. FT. A QUANTITY FOR TEMPORARY PAVEMENT MARKING EQUAL TO THE AMOUNT OF PERMANENT PAVEMENT MARKING HAS BEEN ADDED TO THE PLANS.
- THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING AND/OR ITS UTILITIES WITHIN THE PROJECT LIMITS. IF HIGHWAY LIGHTING AND/OR ITS EXISTS WITHIN THE PROJECT LIMITS, AND IF THESE ITEMS REQUIRE LOCATING, THE CONTRACTOR SHALL BE DIRECTED TO DO SO ACCORDING TO SECTION 803 OF THE STANDARD SPECIFICATIONS. IF "LOCATING UNDERGROUND CABLE" IS NOT INCLUDED AS PART OF THE PLANS, THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- AN AMOUNT OF FURNISHED EXCAVATION HAS BEEN INCLUDED IN THE PLANS IN ORDER TO PROVIDE THE SHOULDER WIDENING FOR THE PLACEMENT OF THE TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) AS SHOWN ON HIGHWAY STANDARD 630301. ANY EXCAVATION AND GRADING/SHAPING REQUIRED TO PERFORM THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST FOR FURNISHED EXCAVATION.
- THE CONTRACTOR SHALL POST AND MAINTAIN THE ROADWAY WITH "NO PASSING ZONES NOT STRIPED NEXT ... MILES" SIGNS UNTIL MARKINGS HAVE BEEN RESTORED IN ACCORDANCE WITH ARTICLE 701.17(C). COST INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS.
- THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE	SURFACE	PATCHING	INCIDENTAL SURF	SHOULDERS
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPEC.	SEE SPEC.	SEE SPEC.	See Contract RAP
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70	Special Provision
MIX COMPOSITION				**2.0% @ Ndes=30
(GRADATION MIXTURE)	IL 9.5	IL 19.0	IL 9.5	NMAS 1/2"
FRICITION AGG	MIXTURE "C"	MIXTURE "B"	MIXTURE "C"	

**Top Lift Shoulders - Design this mix at 2% voids and add asphalt to reduce voids to 1.5%.

Plan quantities for Bituminous Concrete Surface Course Items are calculated using a unit weight of 112 lb/sq yd/in (59.8 kg/sq m/25 mm thickness).

- THE BIKE TRAIL IS TO ONLY BE CLOSED FOR ONE DAY FOR PIPE CULVERT REPLACEMENT WORK.
- TWO THOUSAND FEET (2000') OF THE EXISTING GUARDRAIL AND ASSOCIATED POSTS SCHEDULED FOR REMOVAL WILL BE SALVAGED AND DELIVERED TO PERE MARQUETTE STATE PARK. CONTACT TODD DUNLAP (618-498-2723) TO COORDINATE THIS WORK.
- PAVEMENT REMOVAL ON THE BIKE TRAIL SHALL BE INCLUDED IN CULVERT REPLACEMENT PAY ITEMS.
- THE THICKNESS OF THE BITUMINOUS MIXTURE 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 BITUMINOUS MIXTURE IS PLACED.
- THE MANUFACTURER SHALL SPECIFICALLY RECOMMEND ALL EROSION CONTROL PRODUCTS FURNISHED FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PROJECT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATE BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURERS RECOMMENDED INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.
- ALL AREAS DISTURBED FOR ANY REASON SHALL BE PERMANENTLY SEEDED AS DIRECTED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT THE CONTRACTOR'S EXPENSE.

HIGHWAY STANDARDS

000001-06	630106-01	701201-04
442201-03	630301-06	701301-04
602401-03	631011-09	701306-03
602601-02	631026-05	701311-03
602701-02	631032-08	701336-06
604001-03	635006-03	701901-02
604101-01	635011-02	780001-03
630001-10	701006-04	781001-03
630101-09	701011-03	

COMMITMENTS

NONE

INDEX OF SHEETS

1	COVER SHEET
2	INDEX OF SHEETS, GENERAL NOTES, HIGHWAY STANDARDS, COMMITMENTS, ADT
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49-50	BUTT JOINT DETAILS
51-52	CULVERT REPLACEMENT DETAILS

ADT

BEGINNING OF PROJECT TO GRAHAM HOLLOW RD.
 2011 ADT = 2450 (ACTUAL)
 2013 ADT = 2500 (ESTIMATED)
 2033 ADT = 3000 (ESTIMATED)
 SU = 2.4% MU = 3.7%

GRAHAM HOLLOW RD. TO BRUSSELS FERRY
 2011 ADT = 2200 (ACTUAL)
 2013 ADT = 2250 (ESTIMATED)
 2011 ADT = 2700 (ESTIMATED)
 SU = 3.2% MU = 3.6%

BRUSSELS FERRY TO SCENIC DR.
 2011 ADT = 1350 (ACTUAL)
 2013 ADT = 1400 (ESTIMATED)
 2033 ADT = 1700 (ESTIMATED)
 SU = 3.0% MU = 5.9%

SCENIC DR. TO CH 17
 2011 ADT = 1100 (ACTUAL)
 2013 ADT = 1150 (ESTIMATED)
 2033 ADT = 1400 (ESTIMATED)
 SU = 3.6% MU = 6.4%

CH 17 TO IL 16
 2011 ADT = 1400 (ACTUAL)
 2013 ADT = 1450 (ESTIMATED)
 2033 ADT = 1800 (ESTIMATED)
 SU = 3.6% MU = 5.7%

IL 16 TO BUSBY LANE
 2011 ADT = 2600 (ACTUAL)
 2013 ADT = 2700 (ESTIMATED)
 2033 ADT = 3300 (ESTIMATED)
 SU = 3.5% MU = 6.9%

FUNCTIONAL CLASSIFICATION:
 OTHER PRINCIPAL ARTERIAL

FILE NAME =	USER NAME = eonoverpj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, ADT, COMMITMENTS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\p\work\p\p\dot\conoverpj\ad280257\d280257.dgn	2/24/13	DRAWN -	REVISED -		304	(6,4,2)RS-3	JERSEY	52	2			
PLOT SCALE = 1/8"=1'-0"	1/8"=1'-0"	CHECKED -	REVISED -		CONTRACT NO. 76F24							
PLOT DATE = 3/22/2013	3/22/2013	DATE -	REVISED -		SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE	0005 100% IDNR
20400800	FURNISHED EXCAVATION	CU YD	315	315	
20800150	TRENCH BACKFILL	CU YD	43	43	
* 25000200	SEEDING, CLASS 2	ACRE	2	1.996	0.004
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	180	179.6	0.4
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	180	179.6	0.4
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	180	179.6	0.4
* 25100115	MULCH, METHOD 2	ACRE	2	1.996	0.004
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	185	184.6	0.4
28000400	PERIMETER EROSION BARRIER	FOOT	30	20	10
28000500	INLET AND PIPE PROTECTION	EACH	3	2	1
35100500	AGGREGATE BASE COURSE, TYPE A 6"	SQ YD	4		4

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE	0005 100% IDNR
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	906	906	
40600990	TEMPORARY RAMP	SQ YD	618	618	
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	27784	27784	
40800020	BITUMINOUS MATERIALS (PRIME COAT)	TON	0.8	0.799	0.001
40800030	AGGREGATE (PRIME COAT)	TON	5	5	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	156	155.6	0.4
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	218489	218489	
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	7063	7063	
44200156	PAVEMENT PATCHING, TYPE II, 13 INCH	SQ YD	30	30	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	2826	2826	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	649	649	
50105220	PIPE CULVERT REMOVAL	FOOT	232	218.3	13.7
54215550	METAL END SECTIONS, 15"	EACH	1	1	

*SPECIALTY ITEM

FILE NAME :	USER NAME : conoverpj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE. 304	SECTION (6,4,2)RS-3	COUNTY JERSEY	TOTAL SHEETS 52	SHEET NO. 3
		DRAWN -	REVISED -		SCALE: SHEET NO. 1 OF 3 SHEETS STA. TO STA.			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
		CHECKED -	REVISED -									
		DATE -	REVISED -									

24

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE	0005 100% IDNR		CODE NO	ITEM	UNIT		0005 80% FED 20% STATE	0005 100% IDNR	
54215559	METAL END SECTIONS, 24"	EACH	4	3	1	* 63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	12	12			
542D0220	PIPE CULVERTS, CLASS D, TYPE 1, 15"	FOOT	98	98		* 63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	2	2			
542D1069	PIPE CULVERTS, CLASS D, TYPE 2, 24"	FOOT	131	117	14	* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	88	88			
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1		* 63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	1	1			
60220005	MANHOLES, TYPE A, 4'-DIAMETER, WITH MEDIAN INLET (604101)	EACH	1	1		63200310	GUARDRAIL REMOVAL	FOOT	18825	18825			
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	16125	16125		67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12			
* 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	137.5	137.5		67100100	MOBILIZATION	L SUM	1	1			
* 63000025	STEEL PLATE BEAM GUARDRAIL, ATTACHED TO STRUCTURES	FOOT	587.5	587.5		70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1			
* 63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	FOOT	162.5	162.5		70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1			
* 63000370	LONG-SPAN GUARDRAIL OVER CULVERT, 25 FT SPAN	FOOT	350	350		70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1			
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	15	15		* 70300100	SHORT TERM PAVEMENT MARKING	FOOT	15480	15480			

*SPECIALTY ITEM

FILE NAME :	USER NAME : conoverp.j	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE. 304	SECTION (6,4,2)RS-3	COUNTY JERSEY	TOTAL SHEETS 52	SHEET NO. 4
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	PLOT DATE = 3/22/2013	DATE -	REVISED -							
						SCALE:	SHEET NO. 2 OF 3 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
						CONTRACT NO. 76F24				

22

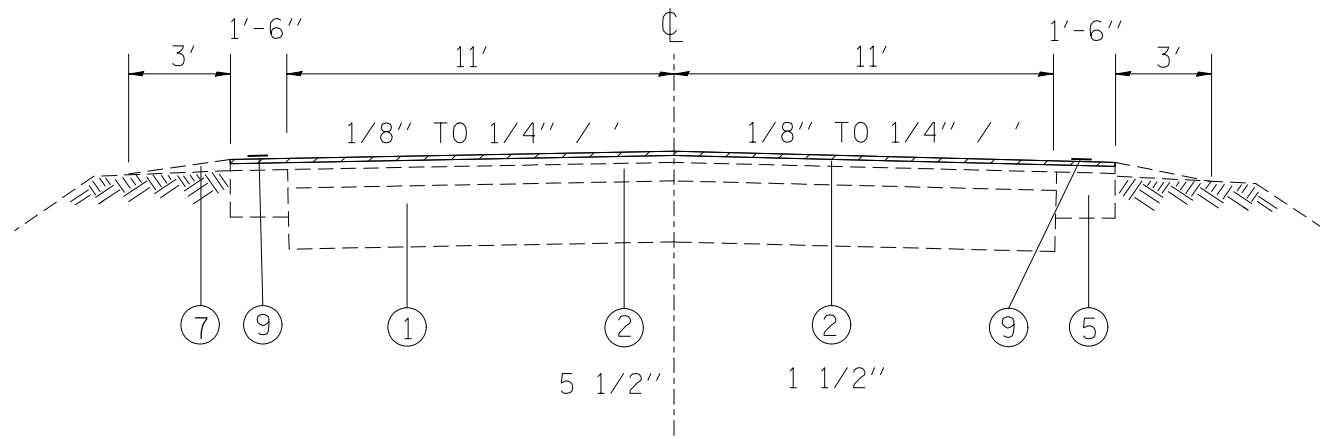
SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE	0005 100% IDNR	CODE NO	ITEM	UNIT		0005 80% FED 20% STATE	0005 100% IDNR
* 70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	32	32	* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1083	1083		
* 70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	274703	274703	* 78200300	PRISMATIC CURB REFLECTOR	EACH	12	12		
* 70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	78	78	* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	316	316		
* 70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	185	185	* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	89	89		
* 70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	44	44	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1083	1083		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	2580	2580	X4060110	BITUMINOUS MATERIALS (PRIME COAT)	POUND	101541	101541		
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	32	32	Z0076600	TRAINEES	HOUR	1,000	1,000		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	274703	274703	Z0076604	TRAINEES, TRAINING PROGRAM GRADUATE	HOUR	1,000	1,000		
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	78	78							
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	185	185							
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	44	44							

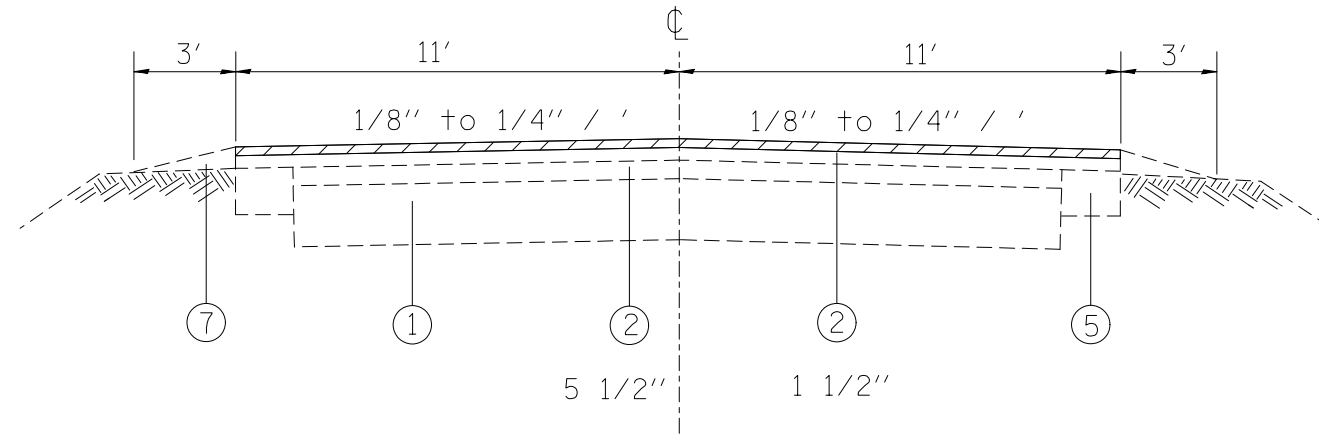
*SPECIALTY ITEM +0042

FILE NAME *	USER NAME * conoverpj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE. 304	SECTION (6,4,2)RS-3	COUNTY JERSEY	TOTAL SHEETS 52	SHEET NO. 5
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	PLOT DATE * 3/22/2013	CHECKED -	REVISED -							
		DATE -	REVISED -							

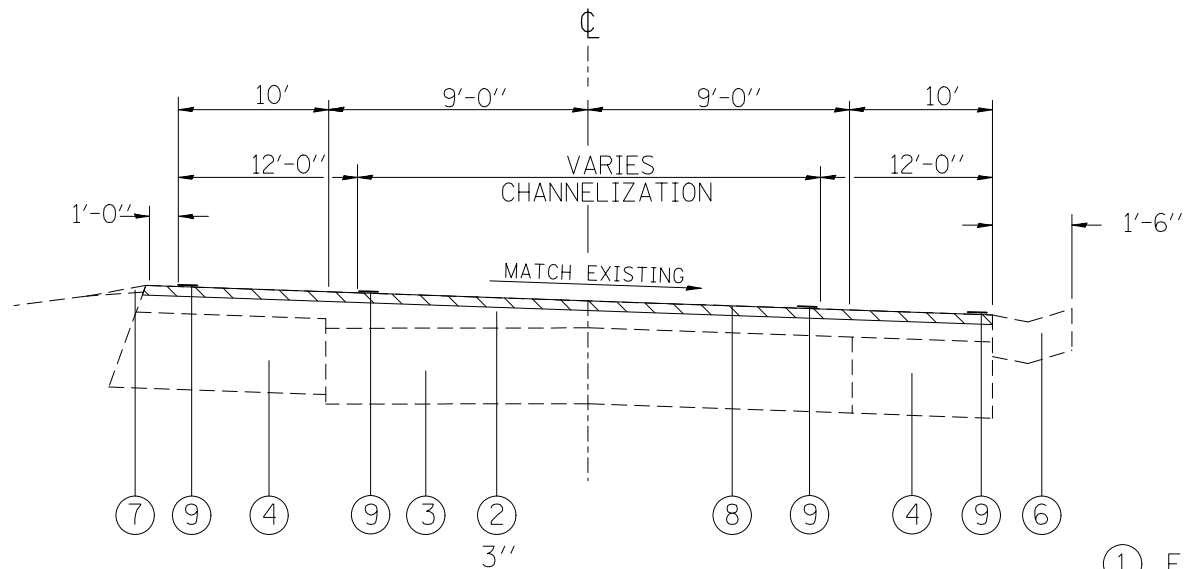
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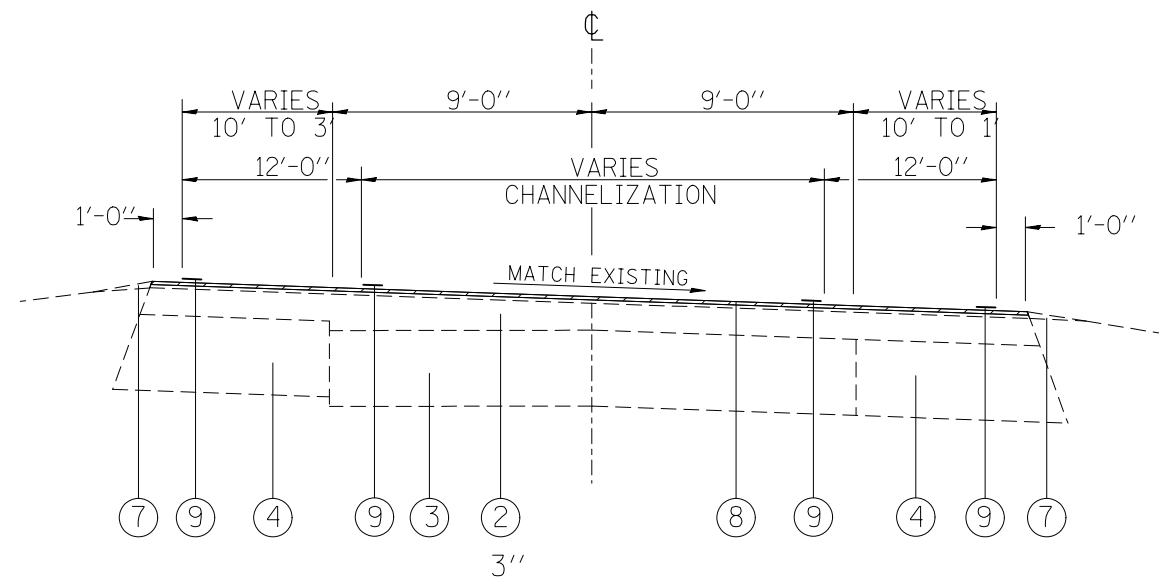
IL 100 - MM 0.00 TO 5.65



IL 100 - MM 5.65 TO 14.37



IL 100 - MM 14.37 TO 14.385 =
IL 16 - STA. 654+68.24 TO 655+50
IL 16 - STA. 653+50 TO 654+68.24



IL 100 - MM 14.385 TO 14.508 =
IL 16 - STA. 655+50 TO 662+00

- ① EXIST. AGG. BASE, 6"
- ② EXIST. RESURFACING
- ③ EXIST. CONCRETE PAVEMENT 9-6-9
- ④ EXIST. BASE COURSE WIDENING, 8"
- ⑤ EXIST. AGG. BASE COURSE, TYPE A, 10"
- ⑥ EXIST. PCC GUTTER, TYPE B
- ⑦ EXIST. AGG. SHOULDER WEDGE
- ⑧ EXIST. CAPE SEAL
- ⑨ EXIST. PAVEMENT MARKING - LINE 4"
- ⑩ PROP. HMA SURFACE COURSE, MIX C, 2 1/4"
- ⑪ PROP. AGGREGATE WEDGE SHOULDER
- ⑫ PROP. HMA SHOULDERS, 2 1/4"
- ⑬ PROP. PAVEMENT MARKING - LINE 4"
- ⑭ PROP. BITUMINOUS MATERIALS (PRIME COAT)
- ⑮ PROP. AGGREGATE (PRIME COAT)

- HMA SURFACE REMOVAL, 1 1/2"
- HMA SURFACE REMOVAL, 2 1/4"

LOCATIONS OF SAFETY SHOULDERS ARE SPORADIC THROUGHOUT THE PROJECT LIMITS AND ARE NOT SHOWN ON THE TYPICAL SECTIONS.

FILE NAME =	USER NAME = conoverpj	DESIGNED -	REVISED -
et:\pwork\pwork\conoverpj\d0280257\d076f24-sht-typ10a1.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 3/22/2013	DATE -	REVISED -

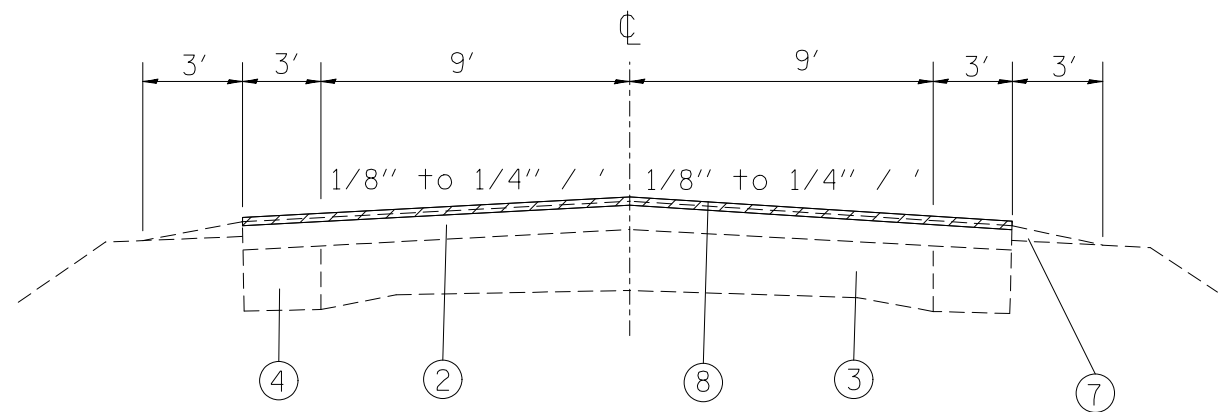
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS

SCALE: SHEET NO. 1 OF 2 SHEETS STA. TO STA.

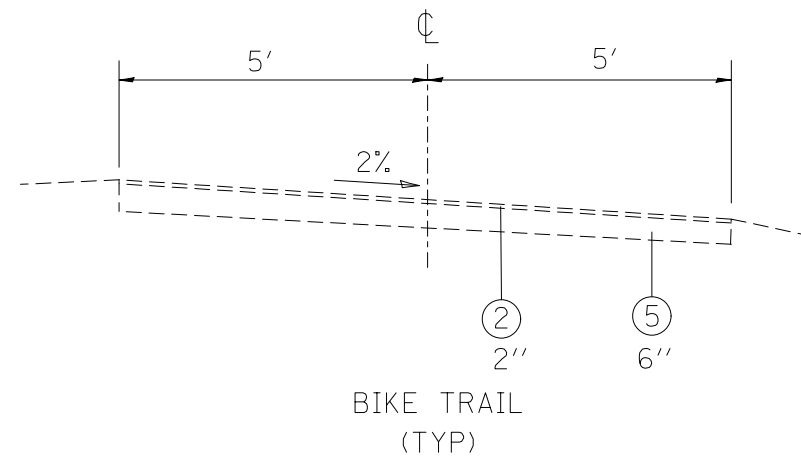
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
304	(6,4,2)RS-3	JERSEY	52	6
CONTRACT NO. 76F24				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

LOCATIONS OF SAFETY SHOULDERS ARE SPORADIC THROUGHOUT THE PROJECT LIMITS AND ARE NOT SHOWN ON THE TYPICAL SECTIONS.

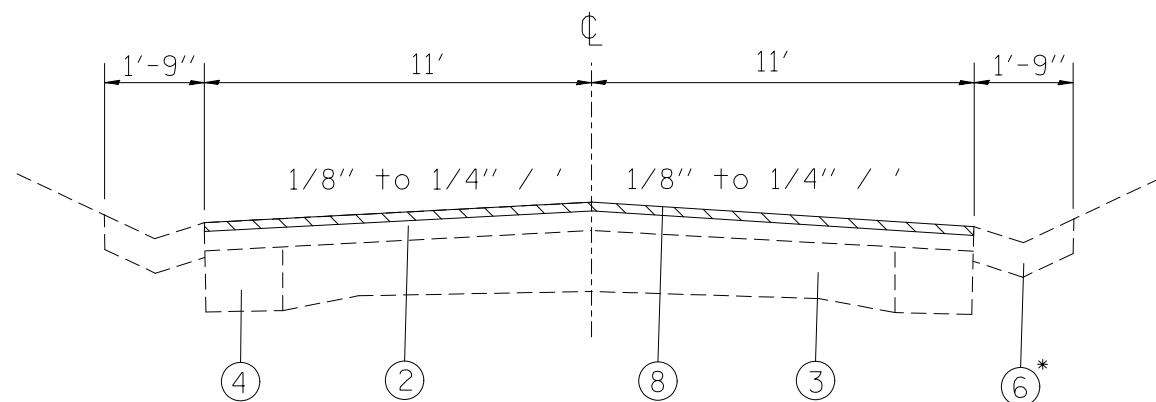


3 3/4"
 IL 100 - MM 14.508 TO 14.76 =
 IL 16 - STA. 662+00 TO 675+31

 IL 100 - MM 15.11 TO 16.00 =
 IL 16 - STA. 693+74 TO 742+93



BIKE TRAIL
(TYP)



3"
 IL 100 - MM 14.76 TO 15.11 =
 IL 16 - STA. 675+31 TO 693+74

*TYPE B GUTTER ON
 RT. SIDE ONLY
 IL 16 STA. 684+34
 TO 687+03

- HMA SURFACE REMOVAL, 1 1/2"
- HMA SURFACE REMOVAL, 2 1/4"

- ① EXIST. AGG. BASE, 6"
- ② EXIST. RESURFACING
- ③ EXIST. CONCRETE PAVEMENT 9-6-9
- ④ EXIST. BASE COURSE WIDENING, 8"
- ⑤ EXIST. AGG. BASE COURSE, TYPE A, 10"
- ⑥ EXIST. PCC GUTTER, TYPE B
- ⑦ EXIST. AGG. SHOULDER WEDGE
- ⑧ EXIST. CAPE SEAL
- ⑨ EXIST. PAVEMENT MARKING - LINE 4"
- ⑩ PROP. HMA SURFACE COURSE, MIX C, 2 1/4"
- ⑪ PROP. AGGREGATE WEDGE SHOULDER
- ⑫ PROP. HMA SHOULDERS, 2 1/4"
- ⑬ PROP. PAVEMENT MARKING - LINE 4"
- ⑭ PROP. BITUMINOUS MATERIALS (PRIME COAT)
- ⑮ PROP. AGGREGATE (PRIME COAT)

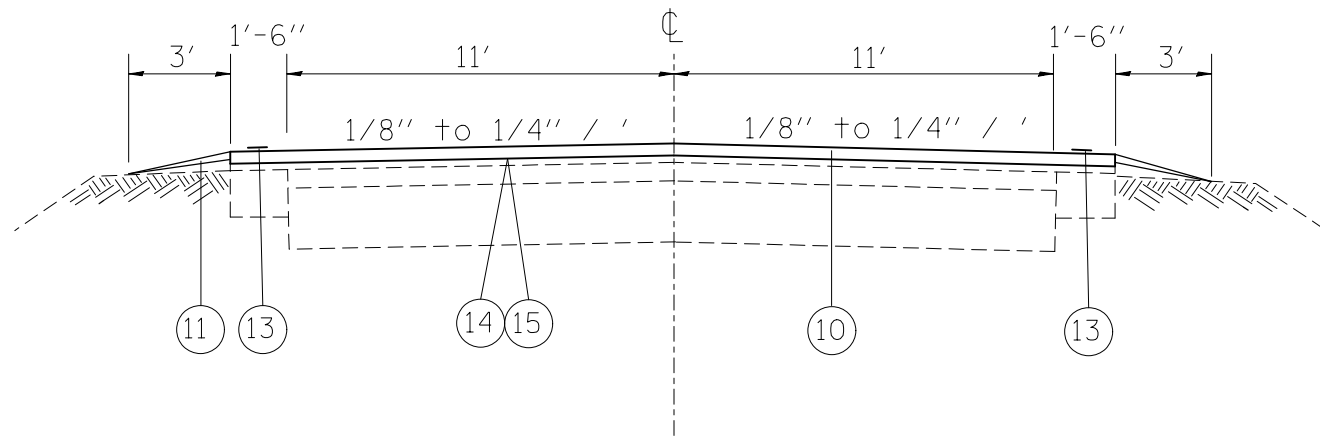
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

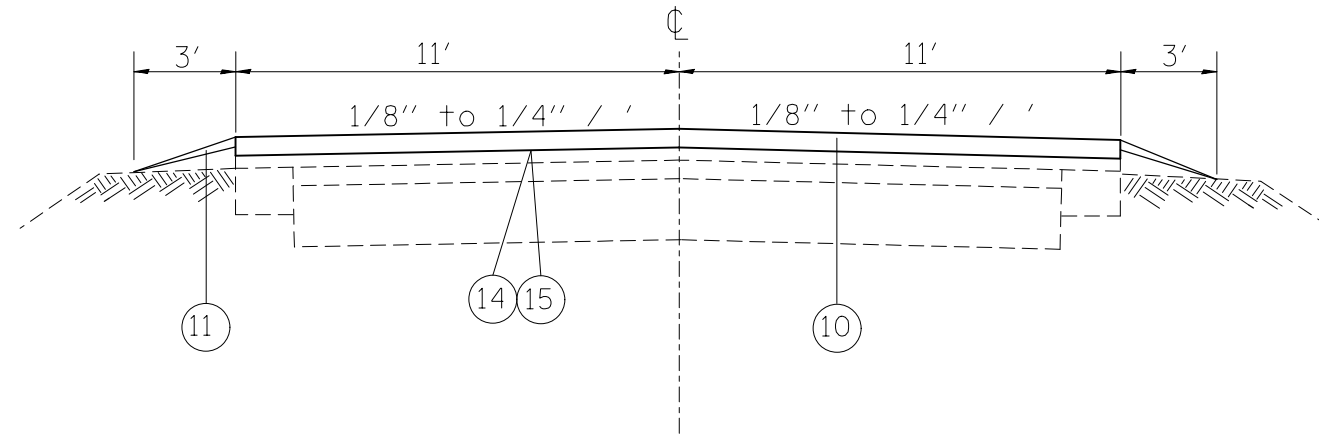
EXISTING TYPICAL SECTIONS

SCALE: SHEET NO. 2 OF 2 SHEETS STA. TO STA.

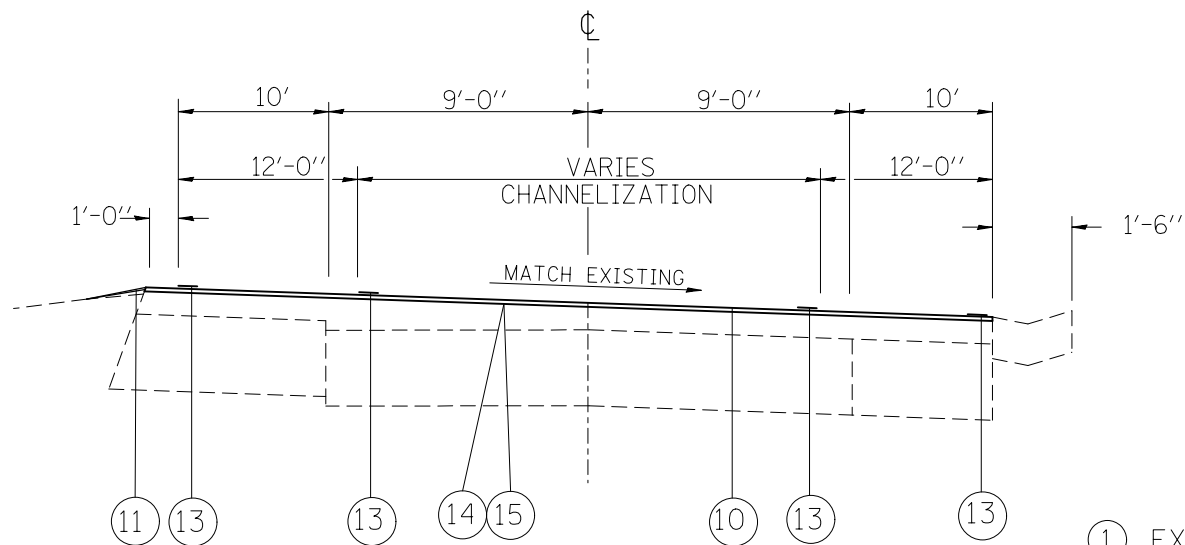
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
304	(6,4,2)RS-3	JERSEY	52	7
CONTRACT NO. 76F24				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



IL 100
MM 0.00 TO 5.65

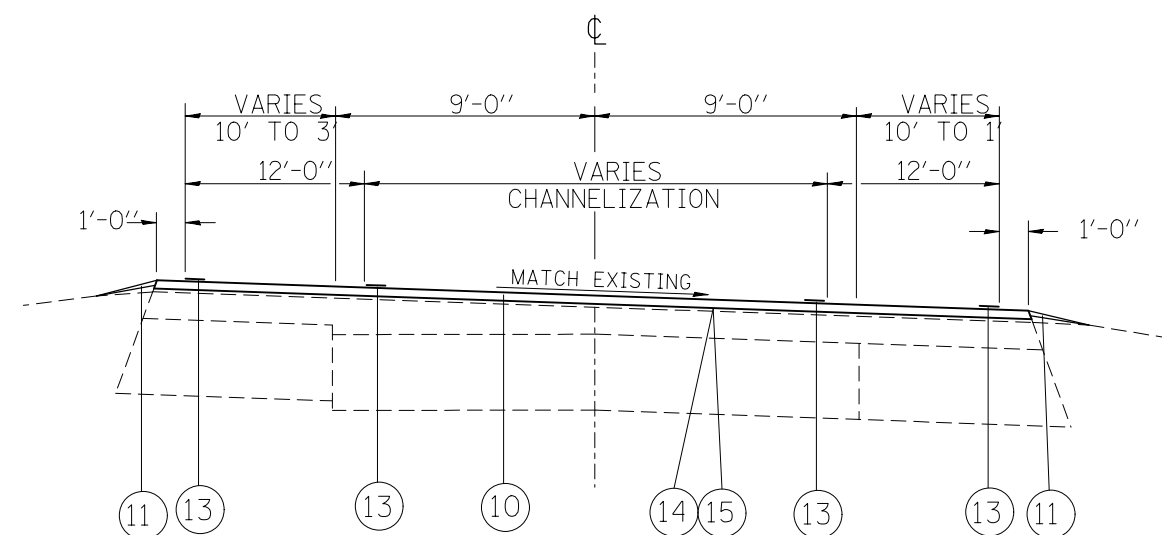


IL 100
MM 5.65 TO 14.37



IL 100 - MM 14.37 TO 14.385 =
IL 16 - STA. 654+68.24 TO 655+50

IL 16 - STA. 653+50 TO 654+68.24



IL 100 - MM 14.385 TO 14.508 =
IL 16 - STA. 655+50 TO 662+00

- ① EXIST. AGG. BASE, 6"
- ② EXIST. RESURFACING
- ③ EXIST. CONCRETE PAVEMENT 9-6-9
- ④ EXIST. BASE COURSE WIDENING, 8"
- ⑤ EXIST. AGG. BASE COURSE, TYPE A, 10"
- ⑥ EXIST. PCC GUTTER, TYPE B
- ⑦ EXIST. AGG. SHOULDER WEDGE
- ⑧ EXIST. CAPE SEAL
- ⑨ EXIST. PAVEMENT MARKING - LINE 4"
- ⑩ PROP. HMA SURFACE COURSE, MIX C, 2 1/4"
- ⑪ PROP. AGGREGATE WEDGE SHOULDER
- ⑫ PROP. HMA SHOULDERS, 2 1/4"
- ⑬ PROP. PAVEMENT MARKING - LINE 4"
- ⑭ PROP. BITUMINOUS MATERIALS (PRIME COAT)
- ⑮ PROP. AGGREGATE (PRIME COAT)

LOCATIONS OF SAFETY SHOULDERS ARE SPORADIC THROUGHOUT THE PROJECT LIMITS AND ARE NOT SHOWN ON THE TYPICAL SECTIONS.

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

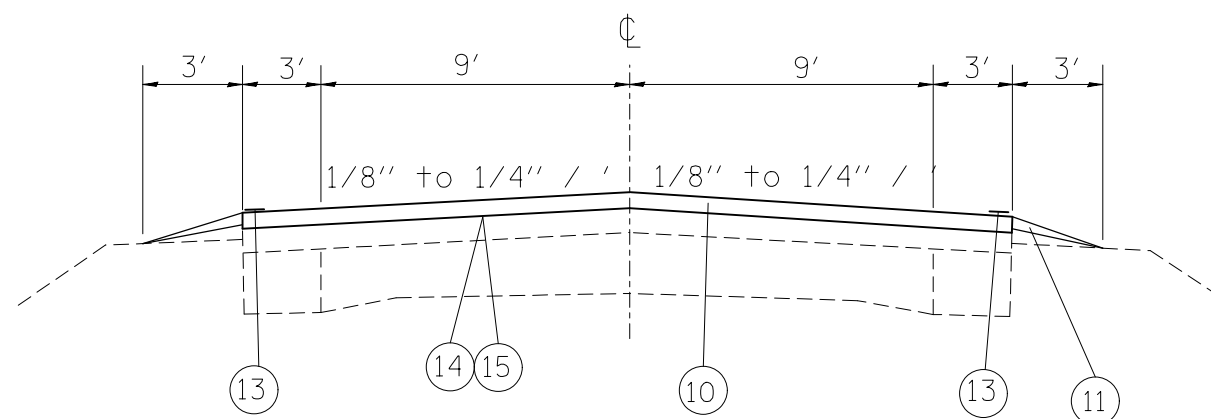
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS

SCALE: SHEET NO. 1 OF 2 SHEETS STA. TO STA.

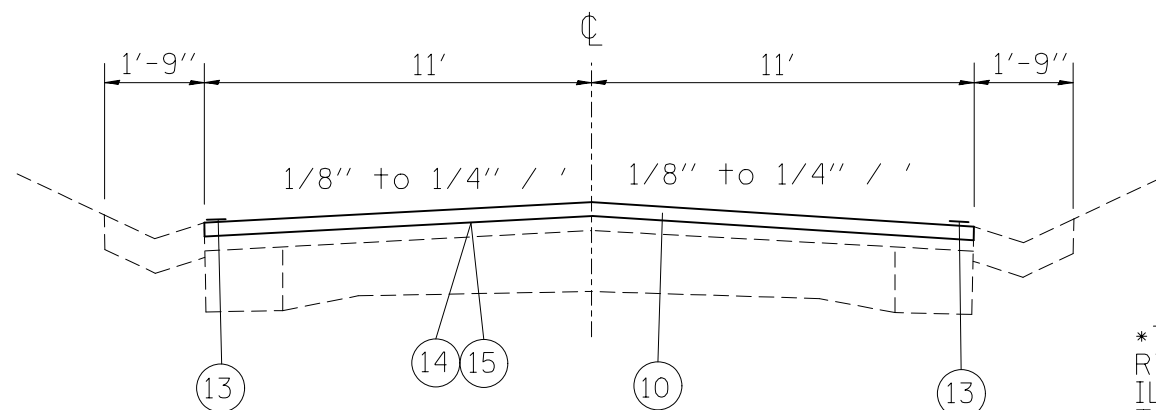
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
304	(6,4,2)RS-3	JERSEY	52	8
CONTRACT NO. 76F24				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

LOCATIONS OF SAFETY SHOULDERS ARE SPORADIC THROUGHOUT THE PROJECT LIMITS AND ARE NOT SHOWN ON THE TYPICAL SECTIONS.



IL 100 - MM 14.508 TO 14.76 =
IL 16 - STA. 662+00 TO 675+31

IL 100 - MM 15.11 TO 16.00 =
IL 16 - STA. 693+74 TO 742+93



*TYPE B GUTTER ON RT. SIDE ONLY
IL 16 STA. 684+34 TO 687+03

IL 100 - MM 14.76 TO 15.11 =
IL 16 - STA. 675+31 TO 693+74

- ① EXIST. AGG. BASE, 6"
- ② EXIST. RESURFACING
- ③ EXIST. CONCRETE PAVEMENT 9-6-9
- ④ EXIST. BASE COURSE WIDENING, 8"
- ⑤ EXIST. AGG. BASE COURSE, TYPE A, 10"
- ⑥ EXIST. PCC GUTTER, TYPE B
- ⑦ EXIST. AGG. SHOULDER WEDGE
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- ⑩ PROP. HMA SURFACE COURSE, MIX C, 2 1/4"
- ⑪ PROP. AGGREGATE WEDGE SHOULDER
- ⑫ PROP. HMA SHOULDERS, 2 1/4"
- ⑬ PROP. PAVEMENT MARKING - LINE 4"
- ⑭ PROP. BITUMINOUS MATERIALS (PRIME COAT)
- ⑮ PROP. AGGREGATE (PRIME COAT)

FILE NAME =	USER NAME = conoverpj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 100.0000' / 1in.		CHECKED -	REVISED -		CONTRACT NO. 76F24							
PLOT DATE = 3/22/2013		DATE -	REVISED -		SCALE:	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

MAINLINE RESURFACING								
LOCATION	HMA SURFACE REMOVAL - BUTT JOINT	HMA SURFACE REMOVAL 1 1/2"	HMA SURFACE REMOVAL 2 1/4"	TEMPORARY RAMP	NON-TRACKING BITUMINOUS MATERIALS (PRIME COAT)	HMA SURFACE COURSE, MIX C, N70	HMA SHOULDERS	AGGREGATE WEDGE SHOULDER, TYPE B
	SO YD	SO YD	SO YD	SO YD	POUND	TON	TON	TON
MM 0.00 - 5.65	83.3	82866.7		27.8	37290.0	10441.2		1015.1
MM 5.65 - 14.37*	160.0	111749.8		53.4	50287.4	14080.5		1566.6
MM 14.37 - 14.385 (IL 16 STA. 654+68.24 - 655+50)			2484.5		1124.0	314.7		3.9
MM 14.385 - 14.508 (IL 16 STA. 655+50 - 662+00)		2141.4			963.6	269.8		22.1
MM 14.508 - 14.76 (IL 16 STA. 662+00 - 675+31)	120.0	3509.3		40.0	1579.2	442.2		45.3
MM 14.76 - 15.11 (IL 16 STA. 675+31 - 693+74)			4578.4		2060.3	576.9		4.6
MM 15.11 - 16.00 (IL 16 STA. 693+74 - 742+93)	80.0	13077.3		33.3	5920.8	1657.8		168.4
SHLDRS @ SKI LIFT RD.		177.8			80.0		22.4	
SAFETY SHLDRS		4966.7			2235.0		625.8	
TOTALS	443.3	218489.0	7062.9	154.5	101540.3	27783.1	648.2	2826.0

*BRIDGE OMISSION OF 273'

SIDEROAD RESURFACING					
LOCATION	HMA SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP	INCIDENTAL ASPHALT SURFACING	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)
	SO YD	SO YD	TON	TON	TON
SKI LIFT RD.	38.9	38.9	4.1	0.01	0.1
GRAHAM HOLLOW	33.1	33.1	3.5	0.01	0.1
DUNCAN HILL	11.7	11.7	1.2	0.01	0.1
PARK	19.4	19.4	2.0	0.01	0.1
DABBS RD. (E)	11.7	11.7	1.2	0.01	0.1
DABBS RD. (W)	15.6	15.6	1.6	0.01	0.1
FOWLER LAKE	17.5	17.5	1.8	0.01	0.1
ROSEDALE	31.1	31.1	3.3	0.01	0.1
FIELDON HOLLOW	25.3	25.3	2.7	0.01	0.1
COON CREEK	21.4	21.4	2.2	0.01	0.1
BULL HOLLOW	19.4	19.4	2.0	0.01	0.1
BULL HOLLOW SPUR	17.5	17.5	1.8	0.01	0.1
OTTER CREEK (E)	19.4	19.4	2	0.01	0.1
OTTER CREEK (W)	21.4	21.4	2.2	0.01	0.1
WATERWORKS	31.1	31.1	3.3	0.01	0.1
EAGLETON PARK	38.9	38.9	4.1	0.01	0.4
NUTWOOD	19.4	19.4	2.0	0.01	0.1
WALTON	11.7	11.7	1.2	0.01	0.1
GETTINGS	25.3	25.3	2.7	0.01	0.1
GLADES ACCESS	19.4	19.4	2.0	0.01	0.1
POWERS	13.6	13.6	1.4	0.01	0.1
ENTRANCES			73.0	0.36	1.9
PULLOFFS			34.4	0.17	0.8
TOTALS	462.8	462.8	155.7	0.74	5.1

LOCATION		GUARDRAIL REMOVAL	SPBGR, TYPE A, 6' POSTS	SPBGR, TYPE A, 9' POSTS	SPBGR, ATTACHED TO STRUCTURE	LONG SPAN G' RAIL OVER CULVERT, 12'-6''	LONG SPAN G' RAIL OVER CULVERT, 25'	TBT, TYPE 2	TBT, TYPE 6A	TBT, TYPE 6B	TBT, TYPE 1 (SPECIAL), TANGENT	TBT, TYPE 1 (SPECIAL), FLARED	GUARDRAIL MARKERS, TYPE A	TERMINAL MARKER - DIRECT APPLIED
		FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH	EACH	EACH	EACH
LOCATION 1	LT	1887.5	1787.5								2		23	2
	RT (S)					162.5				2	2		4	2
	RT (N)	125.0									2		4	2
LOCATION 2	LT	1537.5	1437.5								2		19	2
LOCATION 3	LT		187.5		25						2		4	2
	RT	587.5	187.5		25						2		4	2
LOCATION 4	LT	500.0	400								2		6	2
LOCATION 5	RT	137.5	37.5								2		4	2
LOCATION 6	LT	512.5	412.5								1	1	6	2
LOCATION 7	LT	1000.0	900								2		13	2
LOCATION 8	LT	437.5	150								2		6	2
	RT		337.5		25						2		4	2
LOCATION 9	RT	125						2			2		4	2
LOCATION 10	LT	3750	3650								2		47	2
LOCATION 11	LT	87.5	62.5		25						2		4	2
	RT	200	150		25						2		4	2
LOCATION 12	LT	200	162.5		37.5						2		4	2
	RT	162.5	125	62.5	37.5						2		4	2
LOCATION 13	LT	125	87.5		12.5						2		4	2
	RT	150	137.5		12.5						2		4	2
LOCATION 14	LT	1400	1300								2		18	2
	RT	112.5	150		12.5						2		4	2
LOCATION 15	LT	200	87.5		25						2		4	2
	RT	150	75		25						2		4	2
LOCATION 16	LT	475	375								2		6	2
LOCATION 17	LT	1262.5	1212.5		12.5						2		17	2
	RT	225	87.5		12.5			2			2		4	2
LOCATION 18	LT	312.5	137.5		37.5			2			2		4	2
	RT	137.5	87.5		37.5			2					4	2
LOCATION 19	LT	200	325		12.5						2		4	2
	RT	150	325		12.5						2		6	2
LOCATION 20	LT	100	200		12.5						2		6	2
	RT	200	150		12.5			2			2		4	2
LOCATION 21	LT	150	137.5	50	12.5						2		4	2
	RT	187.5	150		12.5						2		4	2
LOCATION 22	LT	250	187.5						2		2		4	2
	RT	175	112.5						2		2		5	2
LOCATION 23	LT	150	12.5				175				2		4	2
	RT	125	12.5				175				2		4	2
LOCATION 24	LT	250	175						2		2		4	2
	RT	275	162.5						2		2		5	2
LOCATION 25	LT	100	150		25						2		5	2
	RT	100	175		25			2			2		4	3
LOCATION 26	LT	275	62.5						2		2		4	2
	RT	100		25				1	2		1		4	1
LOCATION 27	LT	137.5	62.5		37.5			1			1		4	1
	RT	100			37.5			1			1		4	1
TOTALS		18825	16125.0	137.5	587.5	162.5	350	15	12	2	88	1	316	89

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

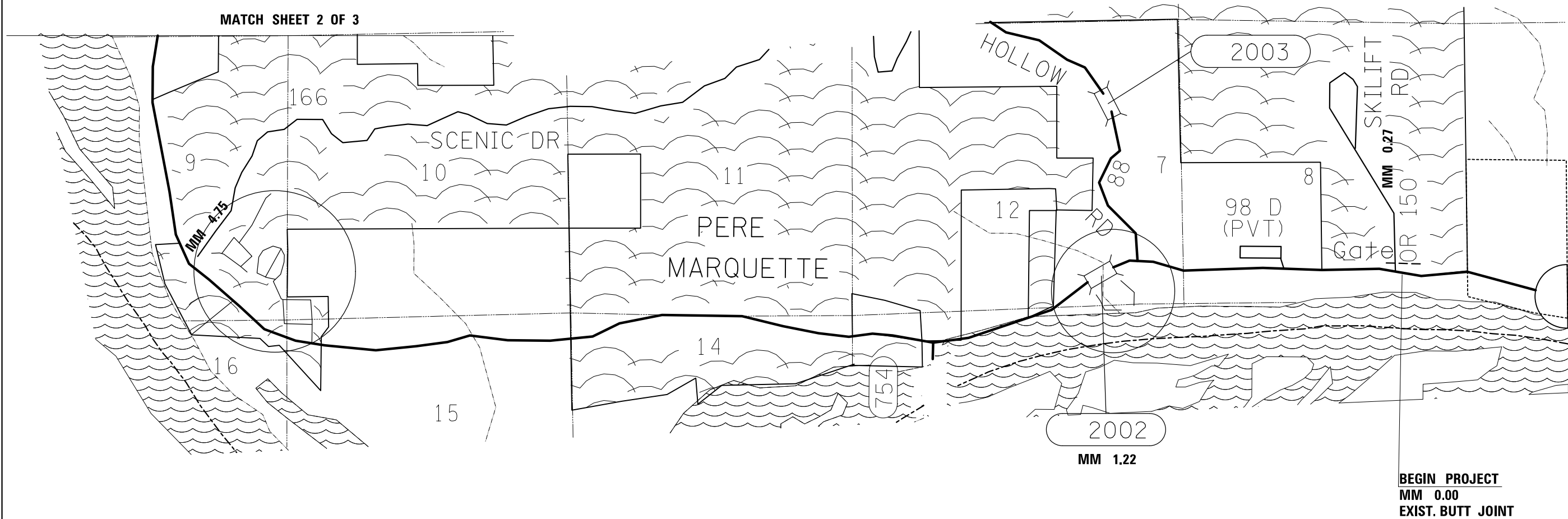
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
304	(6,4,2)RS-3	JERSEY	52	12
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76F24	

LOCATION		FURNISHED EXCAVATION	SEEDING, CLASS 2	NITROGEN FERTILIZER NUTRIENTS	PHOSPHORUS FERTILIZER NUTRIENTS	POTASSIUM FERTILIZER NUTRIENTS	MULCH, METHOD 2	TEMP. EROSION CONTROL SEEDING	TRENCH BACKFILL	PERIMETER EROSION BARRIER	INLET & PIPE PROTECTION
		CU YD	ACRE	LBS	LBS	LBS	ACRE	LBS	CU YDS	FOOT	EACH
LOCATION 1	RT (S)	10	0.06	5.4	5.4	5.4	0.06	6.0			
LOCATION 3	LT	10	0.06	5.4	5.4	5.4	0.06	6.0			
	RT	10	0.06	5.4	5.4	5.4	0.06	6.0			
LOCATION 8	LT	10	0.06	5.4	5.4	5.4	0.06	6.0			
	INLET	20	0.01	0.9	0.9	0.9	0.01	1.0			
LOCATION 11	LT	10	0.06	5.4	5.4	5.4	0.06	6.0			
	RT	10	0.06	5.4	5.4	5.4	0.06	6.0			
LOCATION 12	LT	10	0.06	5.4	5.4	5.4	0.06	6.0			
	RT	10	0.06	5.4	5.4	5.4	0.06	6.0			
LOCATION 13	LT	10	0.06	5.4	5.4	5.4	0.06	6.0			
	RT	10	0.06	5.4	5.4	5.4	0.06	6.0			
LOCATION 14	RT	10	0.06	5.4	5.4	5.4	0.06	6.0			
LOCATION 15	RT	10	0.06	5.4	5.4	5.4	0.06	6.0			
LOCATION 17	LT	10	0.06	5.4	5.4	5.4	0.06	6.0			
LOCATION 18	LT	5	0.03	2.7	2.7	2.7	0.03	3.0			
LOCATION 19	LT	10	0.06	5.4	5.4	5.4	0.06	6.0			
	RT	10	0.06	5.4	5.4	5.4	0.06	6.0			
LOCATION 20	LT	10	0.06	5.4	5.4	5.4	0.06	6.0			
	RT	10	0.06	5.4	5.4	5.4	0.06	6.0			
LOCATION 21	LT	10	0.06	5.4	5.4	5.4	0.06	6.0			
	RT	10	0.06	5.4	5.4	5.4	0.06	6.0			
LOCATION 22	LT	10	0.06	5.4	5.4	5.4	0.06	6.0			
	RT	10	0.06	5.4	5.4	5.4	0.06	6.0			
LOCATION 23	LT	10	0.06	5.4	5.4	5.4	0.06	6.0			
	RT	10	0.06	5.4	5.4	5.4	0.06	6.0			
LOCATION 24	LT	10	0.06	5.4	5.4	5.4	0.06	6.0			
	RT	10	0.06	5.4	5.4	5.4	0.06	6.0			
LOCATION 25	LT	10	0.06	5.4	5.4	5.4	0.06	6.0			
	RT	10	0.06	5.4	5.4	5.4	0.06	6.0			
LOCATION 26	LT	10	0.06	5.4	5.4	5.4	0.06	6.0			
	RT	5	0.03	2.7	2.7	2.7	0.03	3.0			
LOCATION 27	LT	5	0.03	2.7	2.7	2.7	0.03	3.0			
PIPE CULVERTS				0.07	0.4	0.4	0.004	7.0	43.0	30.0	3
TOTALS		315	1.85	160.2	160.2	160.2	1.784	185.0	43.0	30.0	3

NOTE: QUANTITIES ARE ESTIMATED FOR SHOULDER WIDENING AT EACH NEW TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) LOCATION.



MATCH SHEET 2 OF 3



NOT TO SCALE

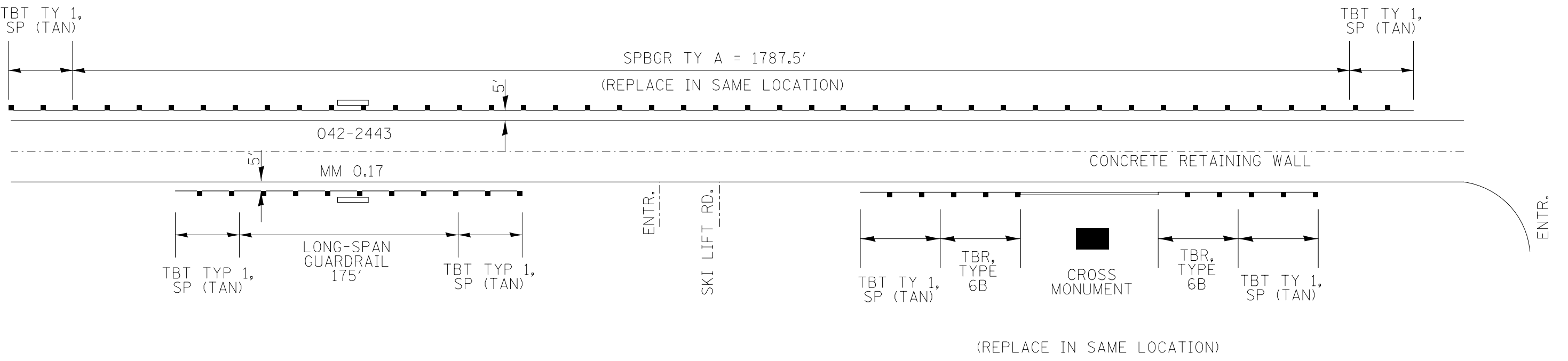
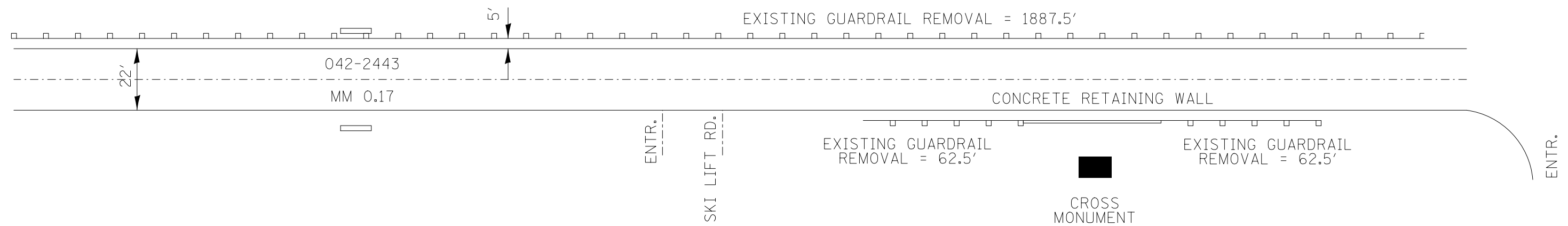
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PLOT DATE = 3/22/2013		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION MAP

SCALE: SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
304	(6,4,2)RS-3	JERSEY	52	14
CONTRACT NO. 76F24				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



NOT TO SCALE

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	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -		304	(6,4,2)RS-3	JERSEY	52	17			
PLOT DATE = 3/22/2013	DATE -	REVISED -	REVISED -		SCALE: SHEET NO. 1 OF 27 SHEETS STA. TO STA.			CONTRACT NO. 76F24				
					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							



EXISTING GUARDRAIL REMOVAL = 1537.5'

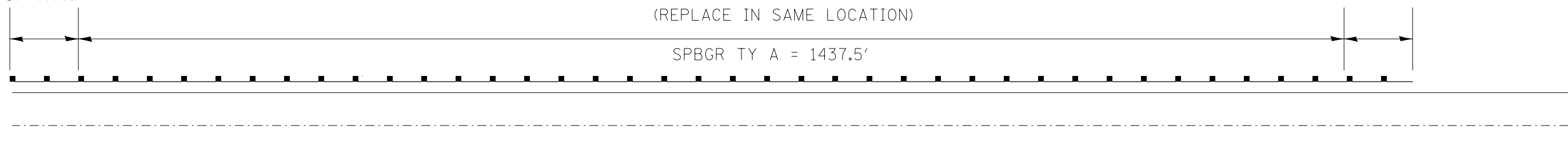


TBT TY 1,
SP (TAN)

TBT TY 1,
SP (TAN)

(REPLACE IN SAME LOCATION)

SPBGR TY A = 1437.5'



NOT TO SCALE

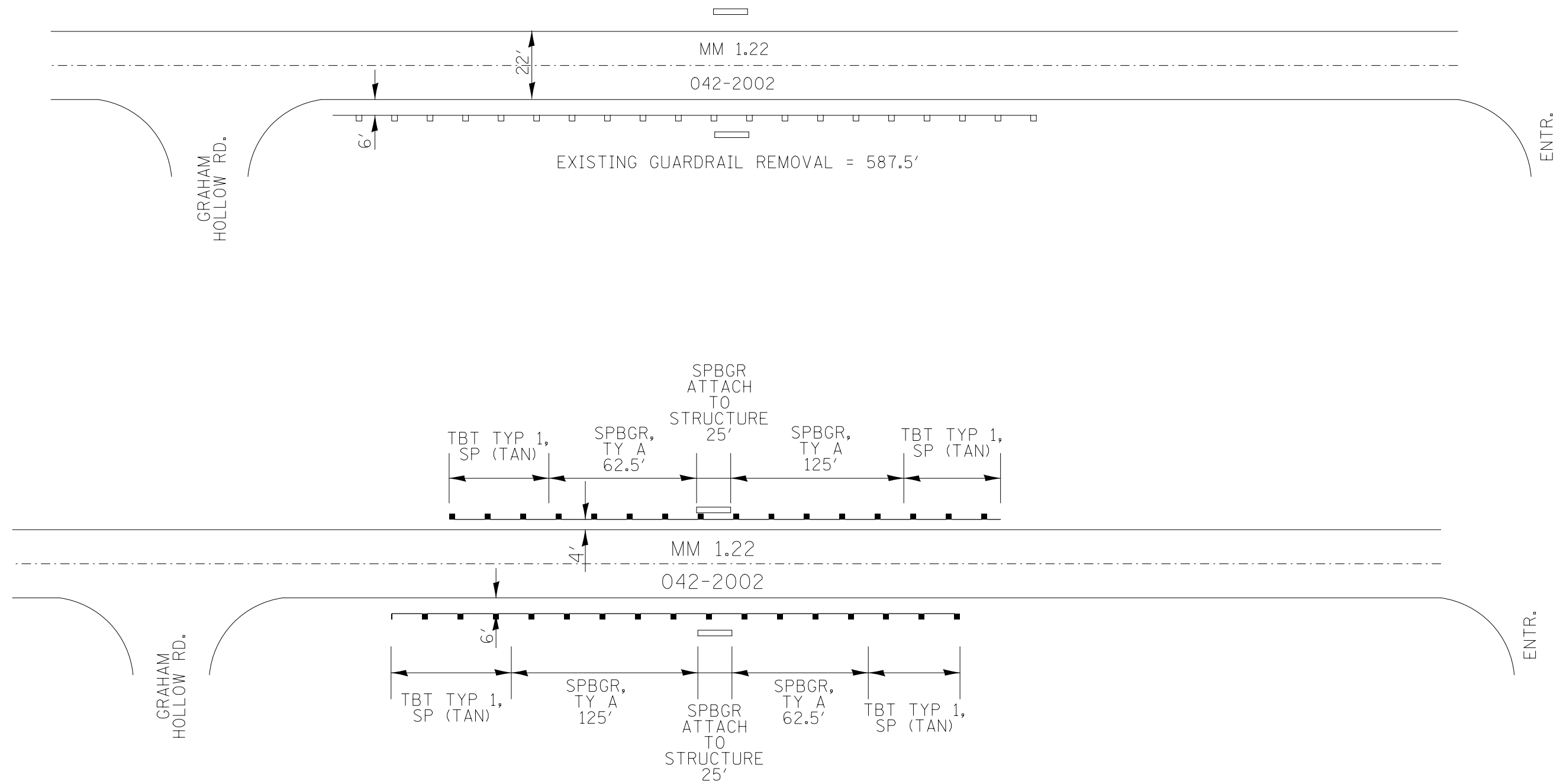
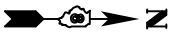
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	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 3/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
LOCATION #2 - MM 0.81 - 1.1

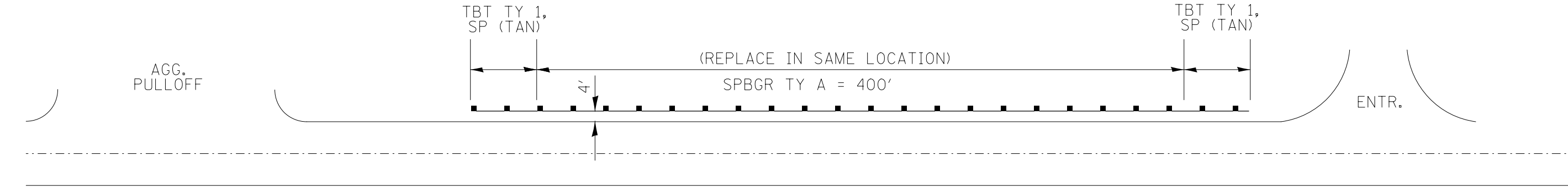
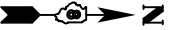
SCALE: SHEET NO. 2 OF 27 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
304	(6,4,2)RS-3	JERSEY	52	18
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76F24	



NOT TO SCALE

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	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -		304	(6,4,2)RS-3	JERSEY	52	19			
PLOT DATE = 3/22/2013	DATE -	REVISED -	REVISED -		SCALE: SHEET NO. 3 OF 27 SHEETS STA. TO STA.			CONTRACT NO. 76F24				
								FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



NOT TO SCALE

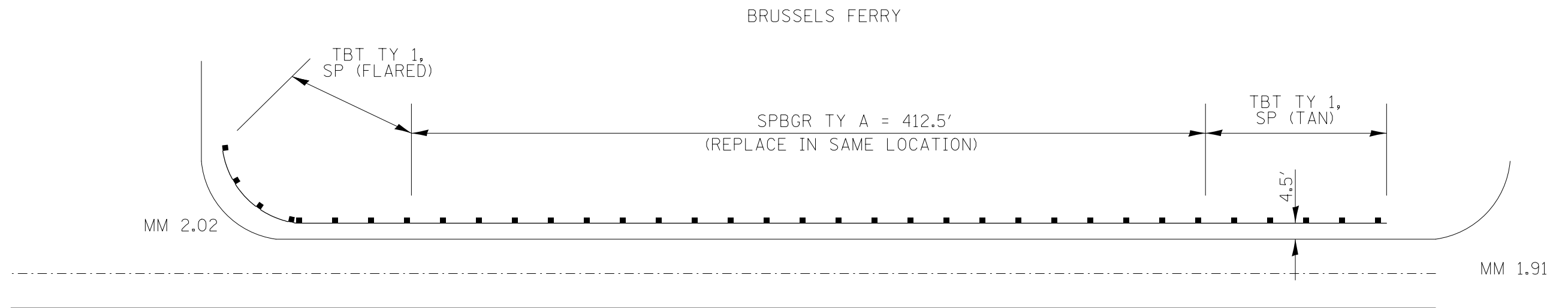
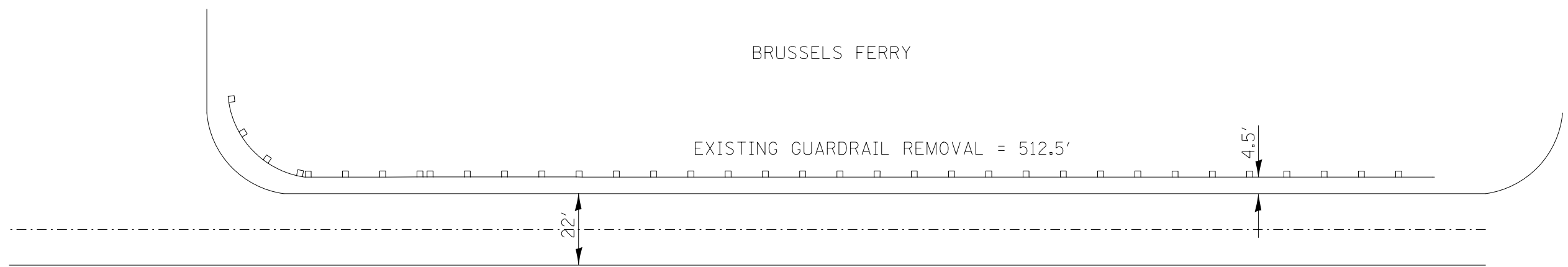
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	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 3/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
LOCATION #4 - MM 1.43 - 1.52

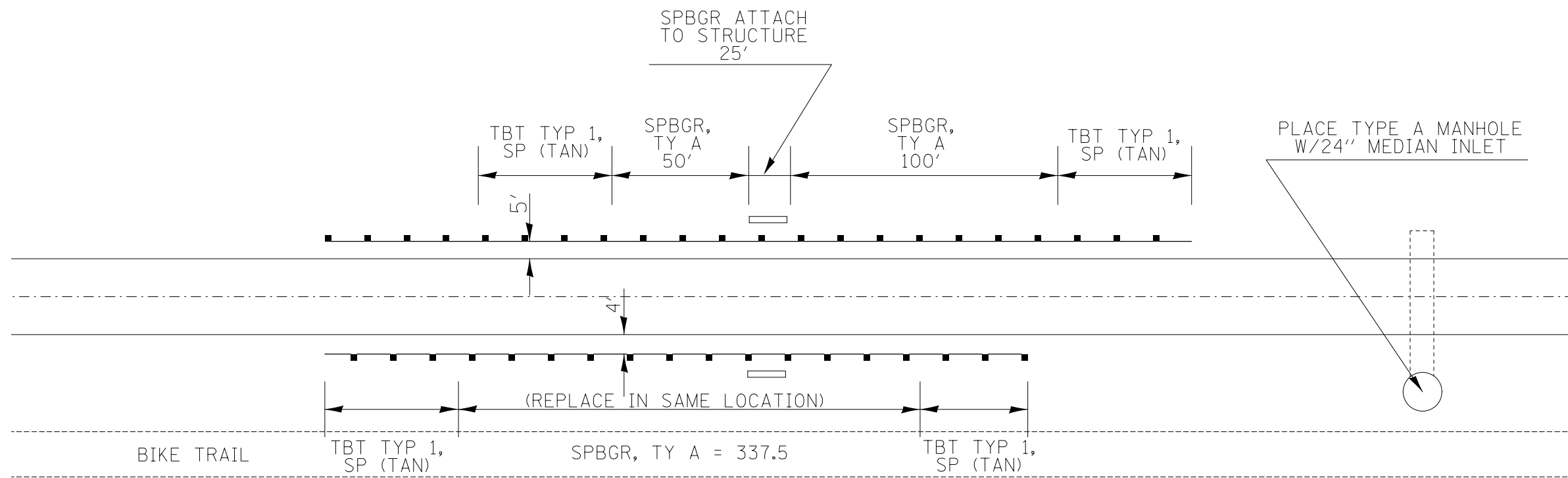
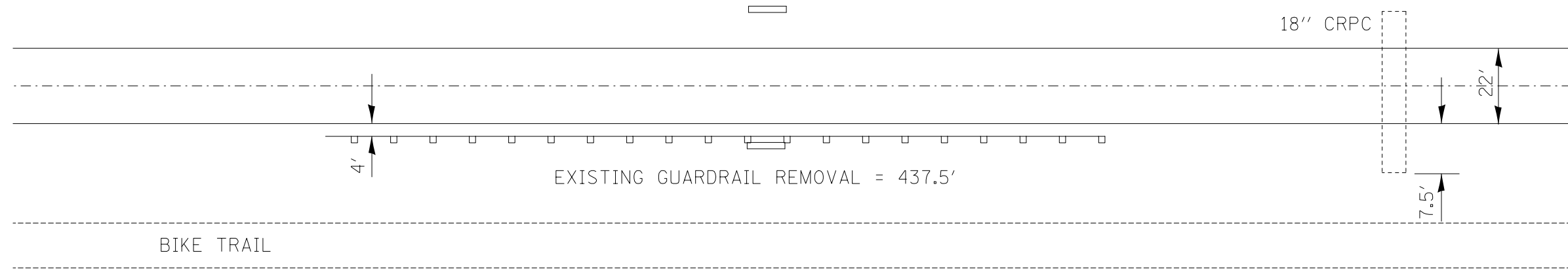
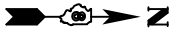
SCALE: SHEET NO. 4 OF 27 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
304	(6,4,2)RS-3	JERSEY	52	20
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76F24	



NOT TO SCALE

FILE NAME =	USER NAME = conoverpj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET LOCATION #6 - MM 2.00			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et\pwork\pwork\conoverpj\d0280257\d076f24-sht-plan.dgn		DRAWN -	REVISED -		304	(6,4,2)RS-3	JERSEY	52	22			
PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 76F24			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
PLOT DATE = 3/22/2013		DATE -	REVISED -		SCALE:	SHEET NO. 6 OF 27 SHEETS	STA.	TO STA.				



NOT TO SCALE

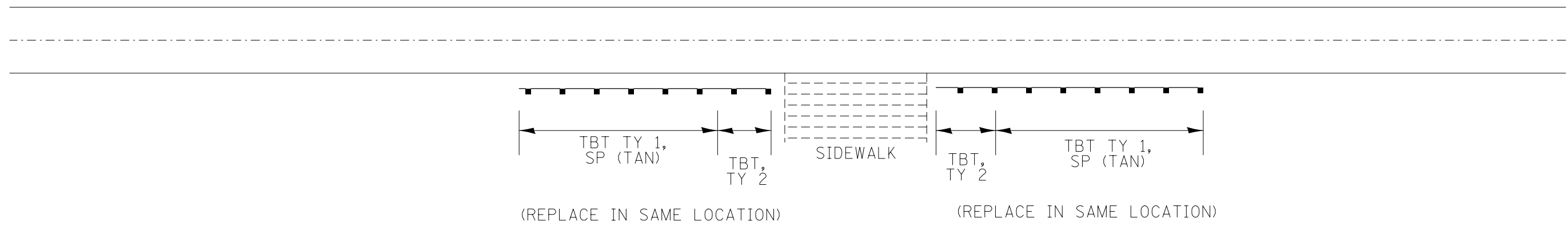
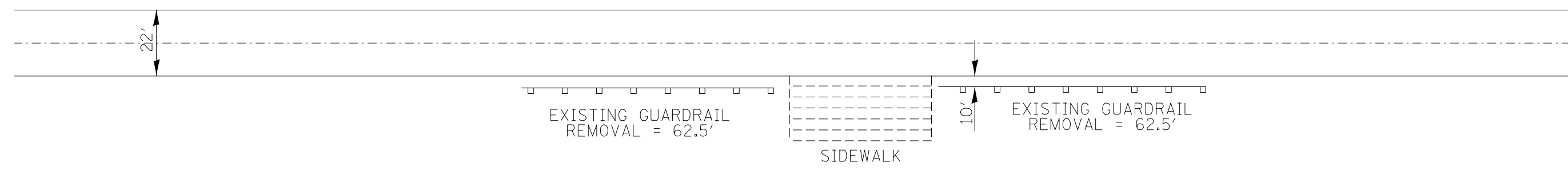
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
LOCATION #8 - MM 3.90

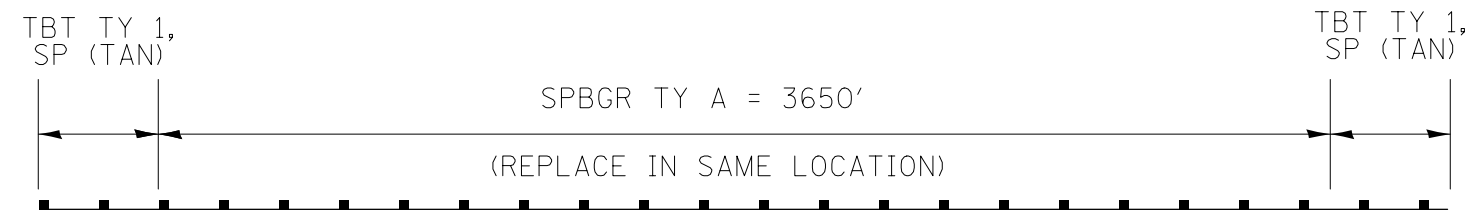
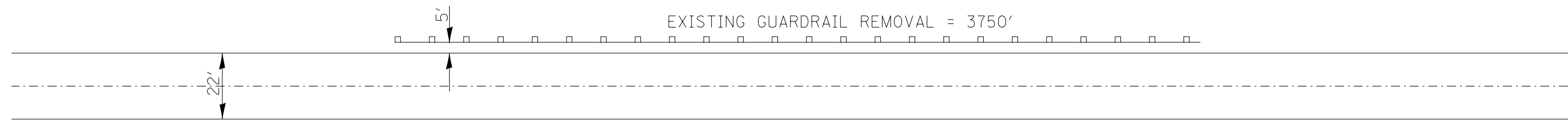
SCALE: SHEET NO. 8 OF 27 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
304	(6,4,2)RS-3	JERSEY	52	24
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76F24	



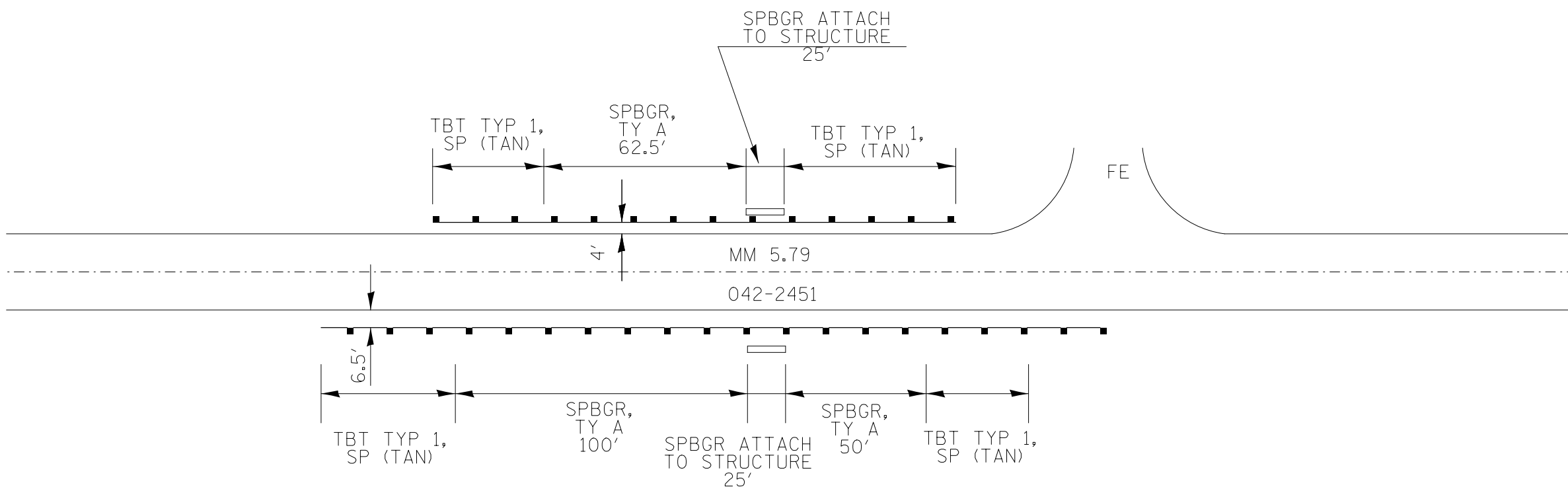
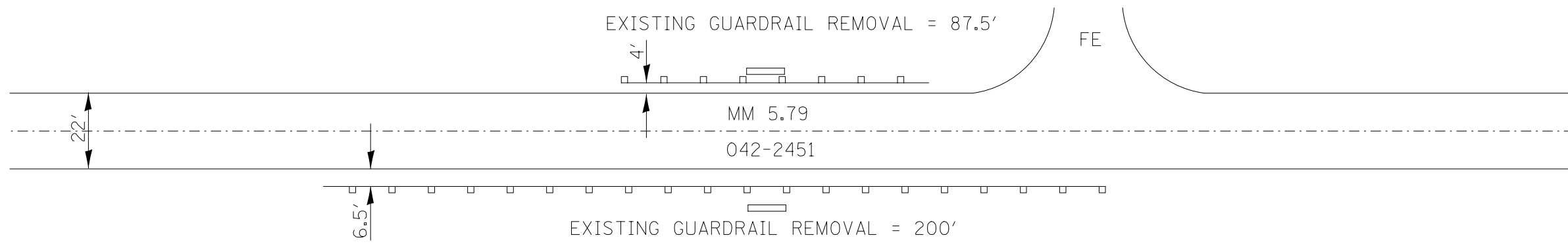
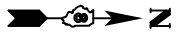
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		304	(6,4,2)RS-3	JERSEY	52	25			
PLOT DATE = 3/22/2013	DATE -	REVISED -	REVISED -		SCALE: SHEET NO. 9 OF 27 SHEETS STA. TO STA.			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 76F24		



NOT TO SCALE

FILE NAME = c:\pwork\work\pwork\conoverpj\d0280257\d076f24-sht-plan.dgn	USER NAME = conoverpj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -		LOCATION #10 - MM 4.9 - 5.65		304	(6,4,2)RS-3	JERSEY	52	26	
PLOT DATE = 3/22/2013	DATE -	REVISED -	REVISED -		SCALE:	SHEET NO. 10 OF 279 SHEETS	STA.	TO STA.	CONTRACT NO. 76F24			
							FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



NOT TO SCALE

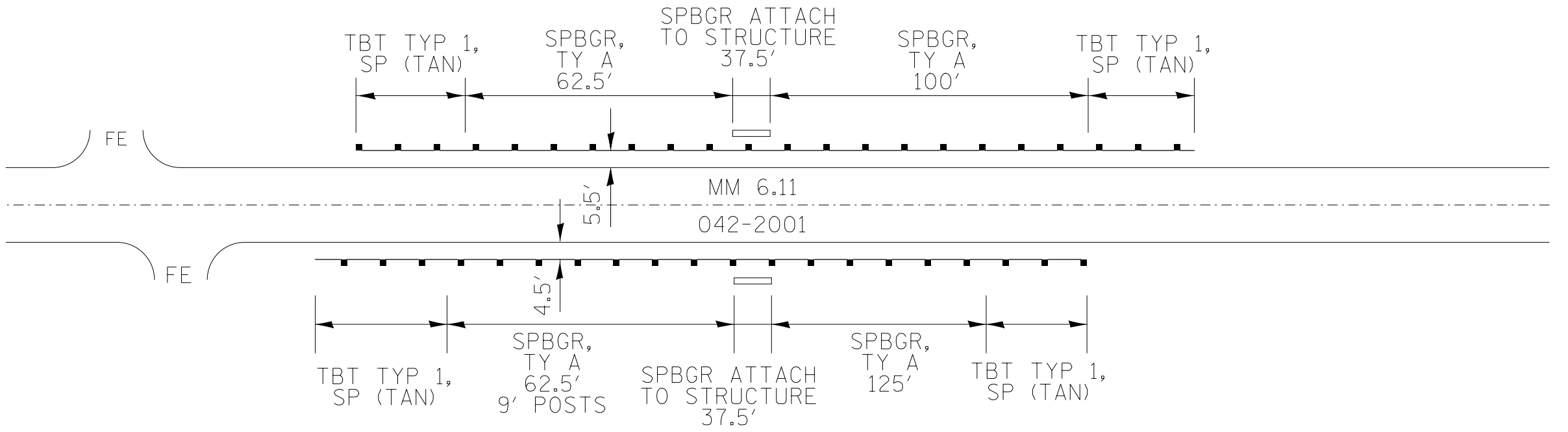
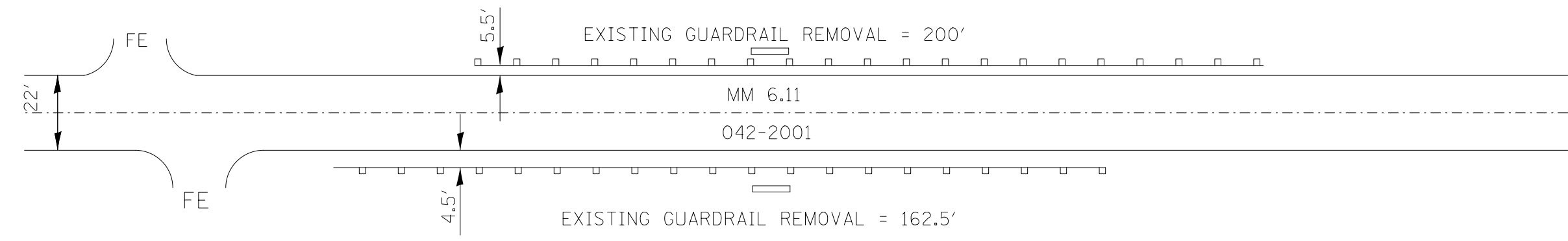
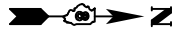
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/22/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET
LOCATION #11 - MM 5.79**

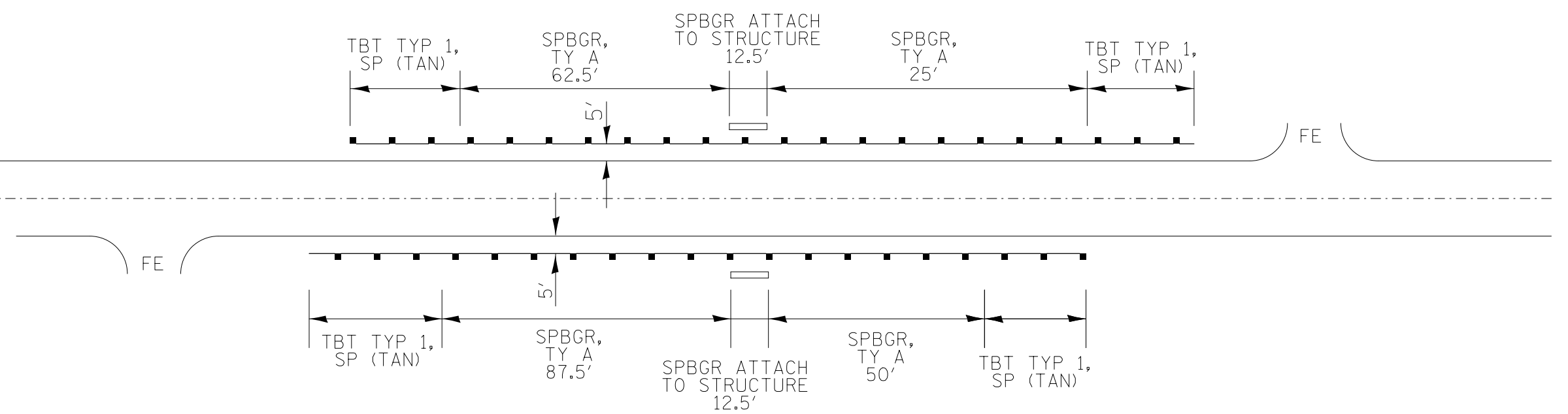
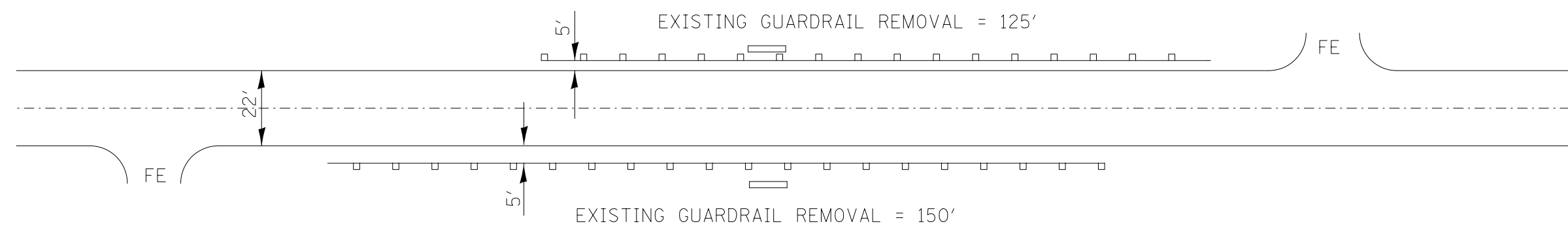
SCALE: SHEET NO. 11 OF 27 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
304	(6,4,2)RS-3	JERSEY	52	27
CONTRACT NO. 76F24				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



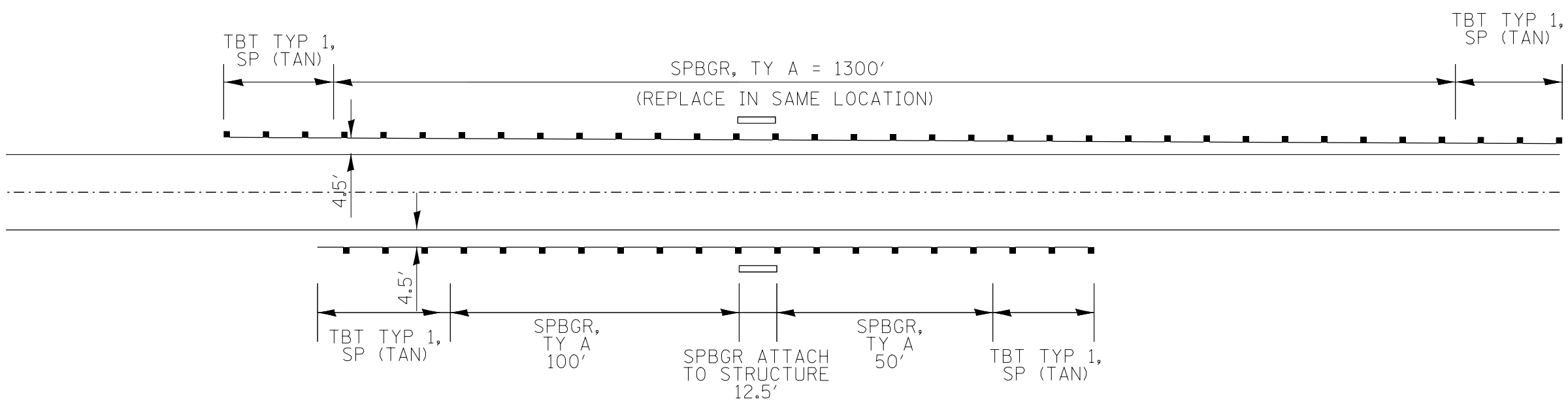
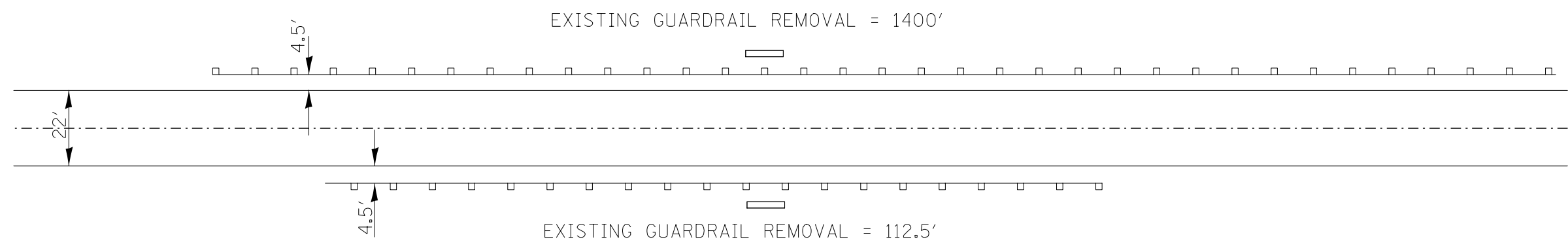
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		304	(6,4,2)RS-3	JERSEY	52	28		
PLOT DATE = 3/22/2013	DATE -	REVISED -	REVISED -		SCALE: SHEET NO. 12 OF 27 SHEETS STA. TO STA.		CONTRACT NO. 76F24				
							FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



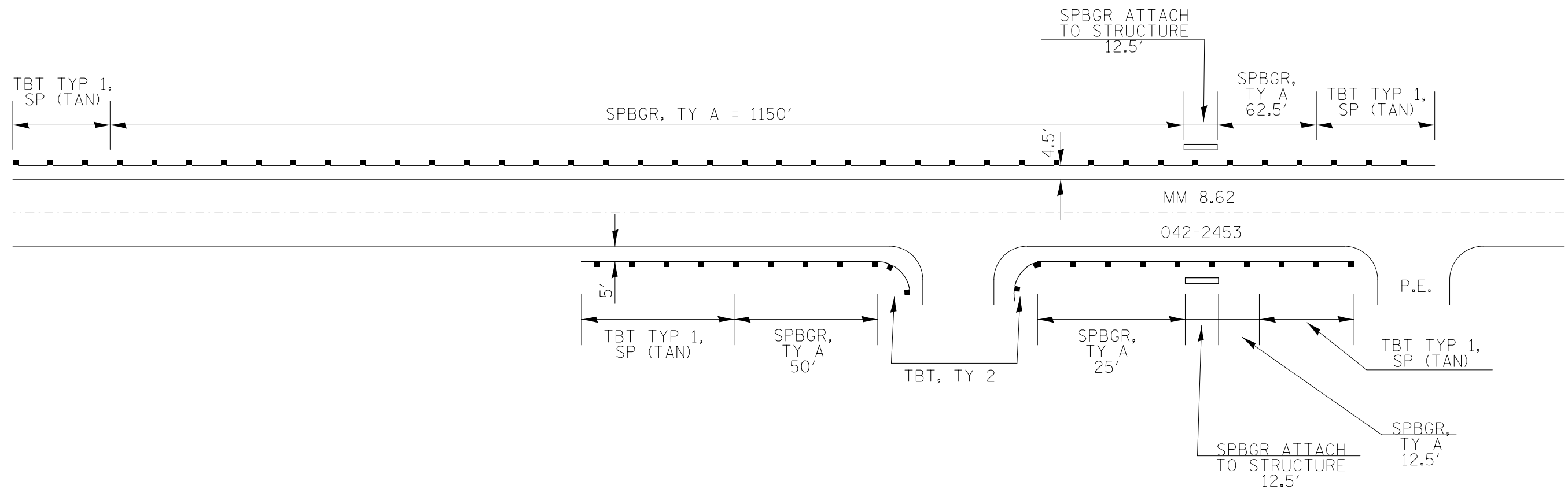
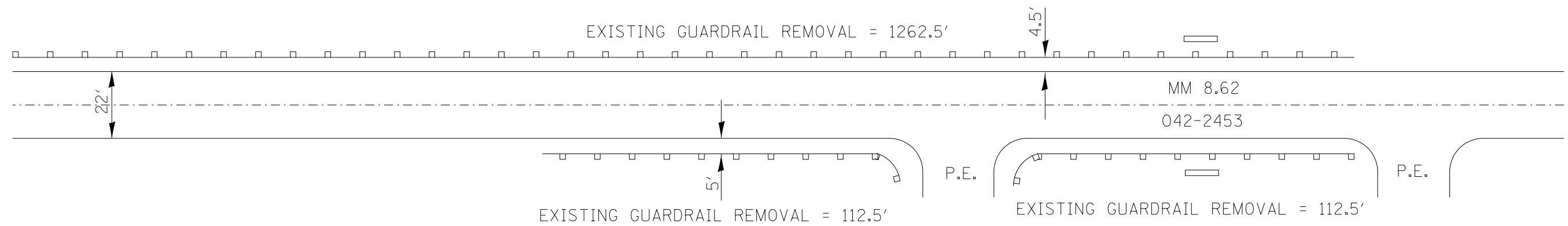
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	PLOT SCALE = 100.0000' / 1in.	DRAWN -	REVISED -		304	(6,4,2)RS-3	JERSEY	52	29			
PLOT DATE = 3/22/2013	CHECKED -	REVISED -	SCALE: SHEET NO. 13 OF 27 SHEETS STA. TO STA.				CONTRACT NO. 76F24					
	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT									



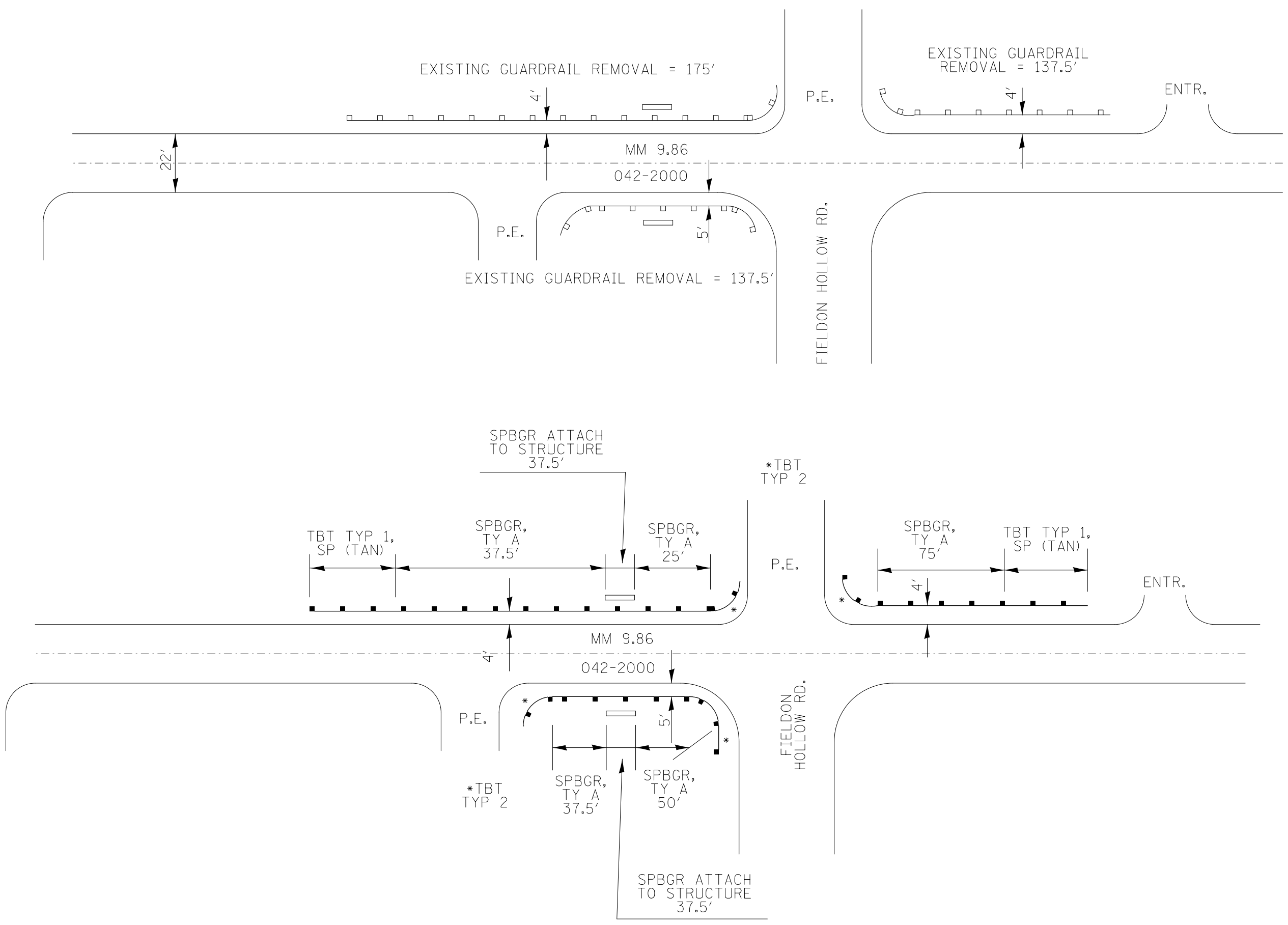
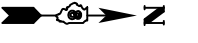
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	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -		LOCATION #14 - MM 6.81 - 7.1		304	(6,4,2)RS-3	JERSEY	52	30	
PLOT DATE = 3/22/2013	DATE -	REVISED -	SCALE:		SHEET NO. 14 OF 27 SHEETS	STA.	TO STA.	CONTRACT NO. 76F24				
							FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT				



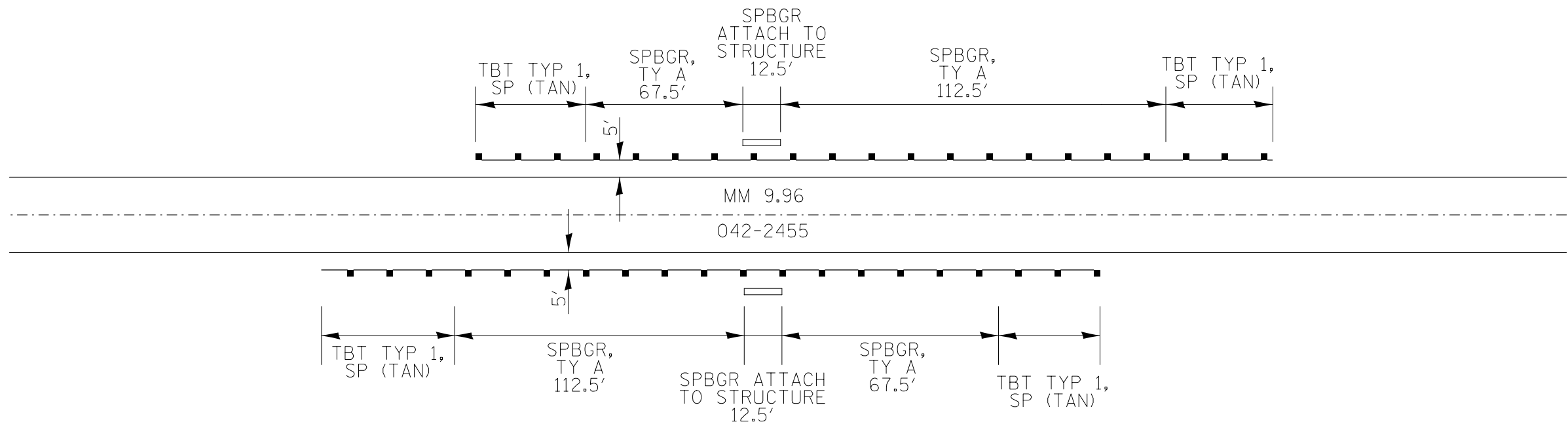
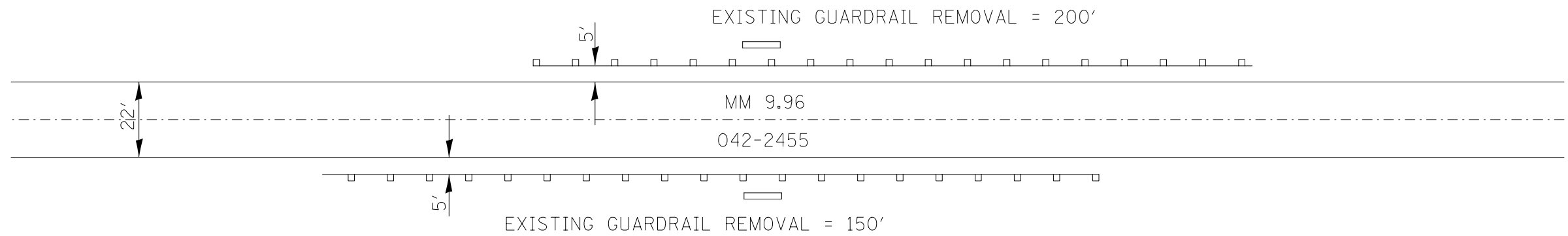
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FILE NAME =	USER NAME = conoverpj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -		SCALE:	SHEET NO. 17 OF 27 SHEETS	STA.	TO STA.		CONTRACT NO. 76F24	
	PLOT DATE = 3/22/2013	DATE -	REVISED -						FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT



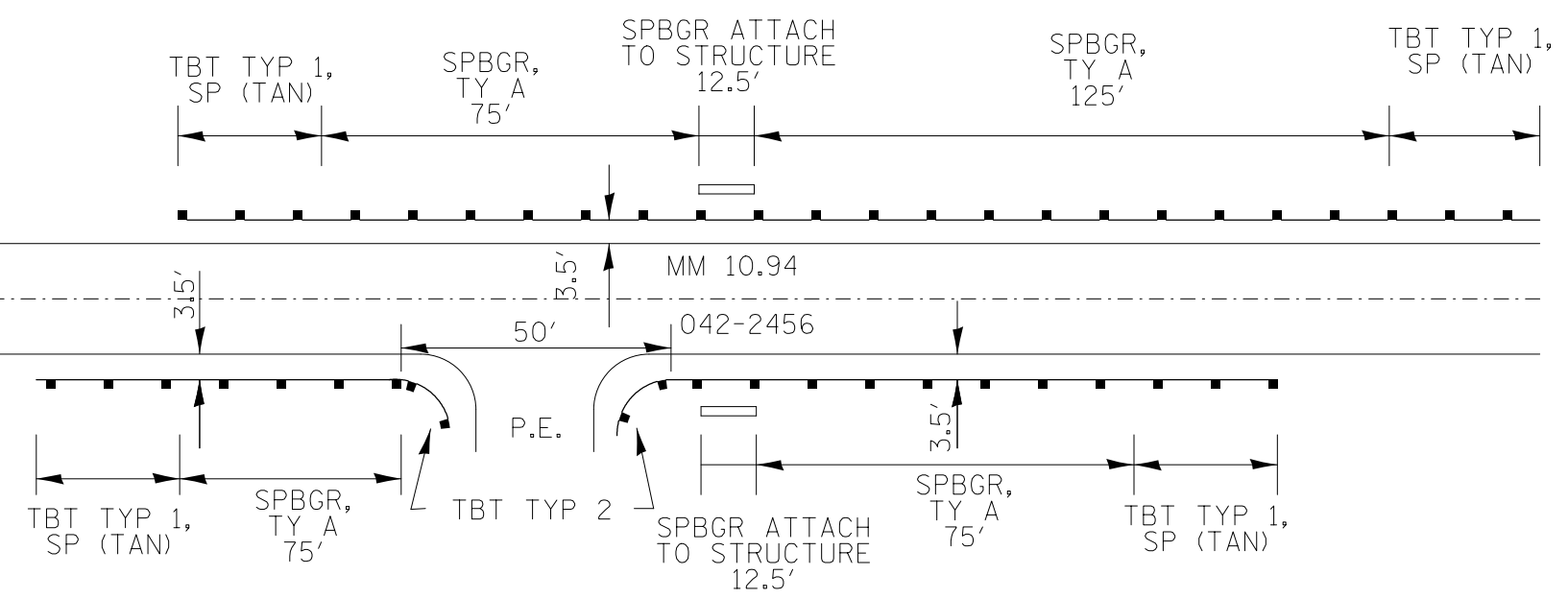
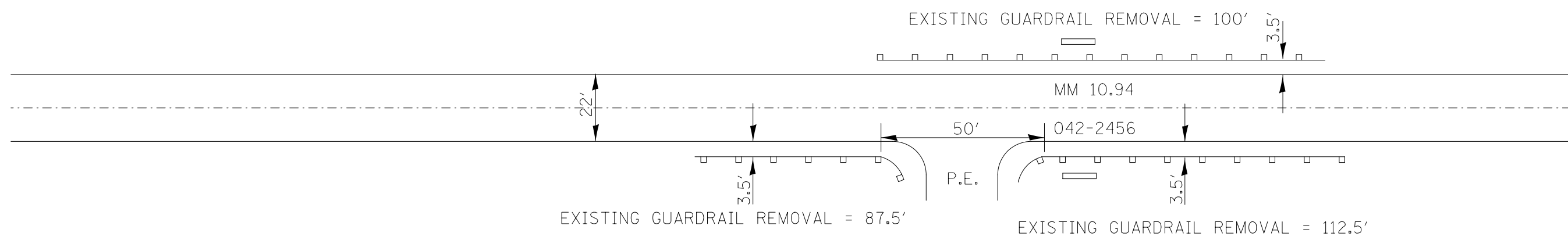
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		304	(6,4,2)RS-3	JERSEY	52	34			
PLOT DATE = 3/22/2013	DATE -	REVISED -	REVISED -		SCALE: SHEET NO. 18 OF 27 SHEETS STA. TO STA.			CONTRACT NO. 76F24				
					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							



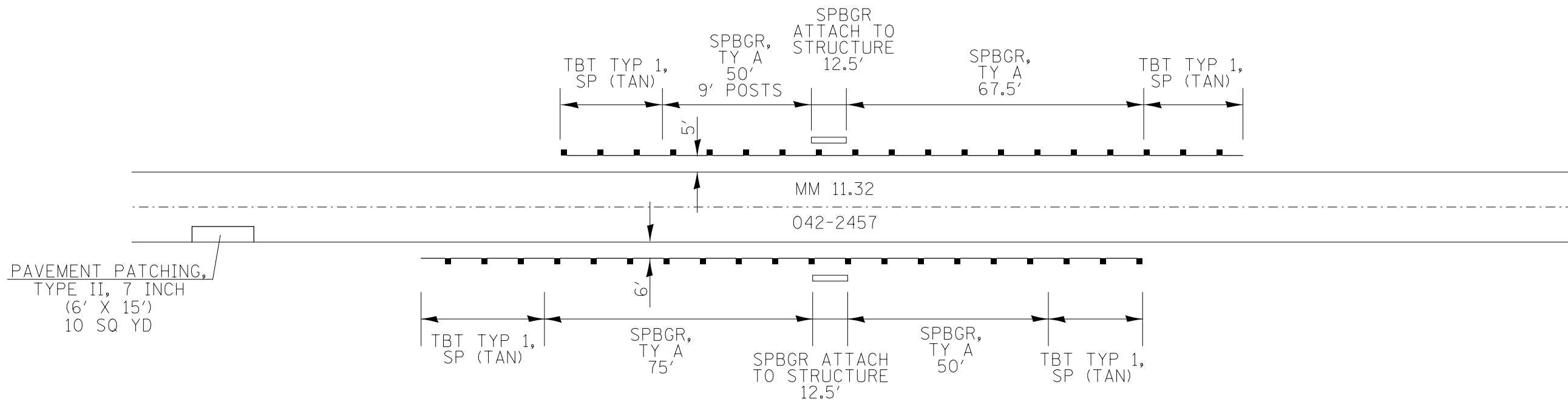
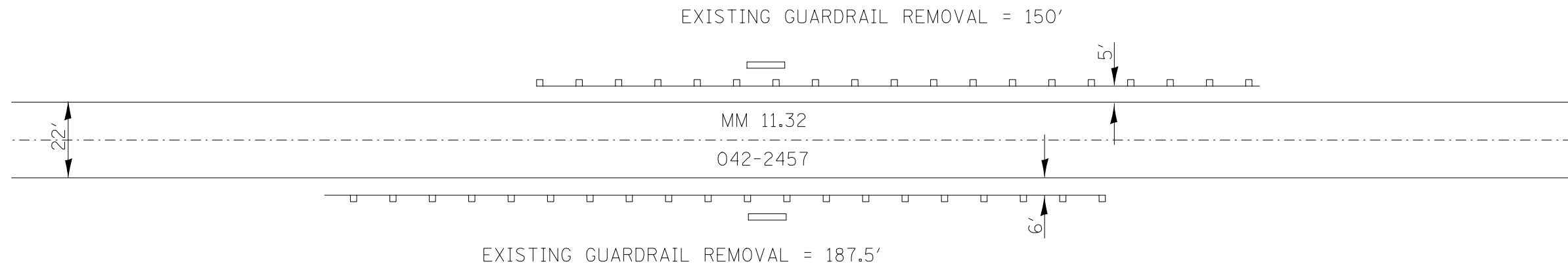
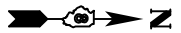
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	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -		304	(6,4,2)RS-3	JERSEY	52	35		
PLOT DATE = 3/22/2013	DATE -	REVISED -	SCALE:		SHEET NO. 19 OF 27 SHEETS	STA.	TO STA.	CONTRACT NO. 76F24			
								FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		



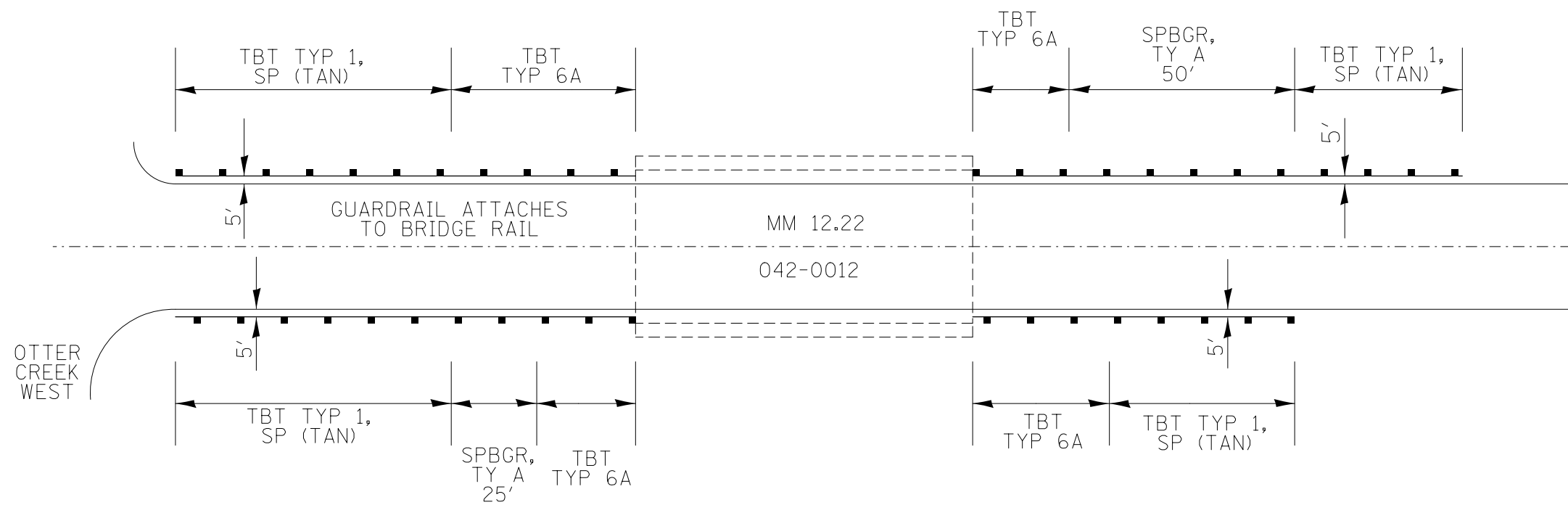
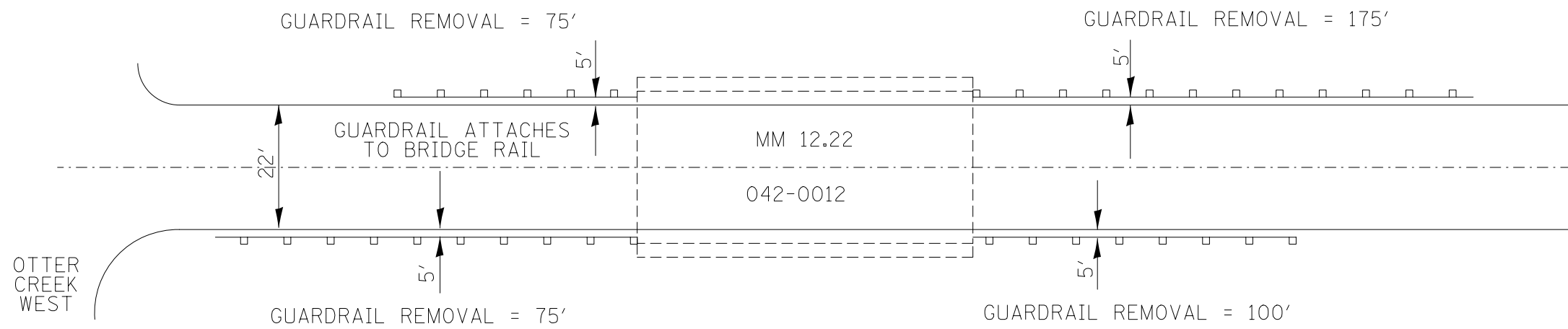
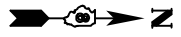
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		304	(6,4,2)RS-3	JERSEY	52	36			
PLOT DATE = 3/22/2013	DATE -	REVISED -	REVISED -		SCALE: SHEET NO. 20 OF 27 SHEETS STA. TO STA.			CONTRACT NO. 76F24				
								FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



NOT TO SCALE

FILE NAME =	USER NAME = conoverpj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET LOCATION #21 - MM 11.32		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\dot\conoverpj\d0280257\d076f24-sht-plan.dgn		DRAWN -	REVISED -		304	(6,4,2)RS-3	JERSEY	52	37		
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -		CONTRACT NO. 76F24						
	PLOT DATE = 3/22/2013	DATE -	REVISED -		SCALE:	SHEET NO. 21 OF 27 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	



NOT TO SCALE

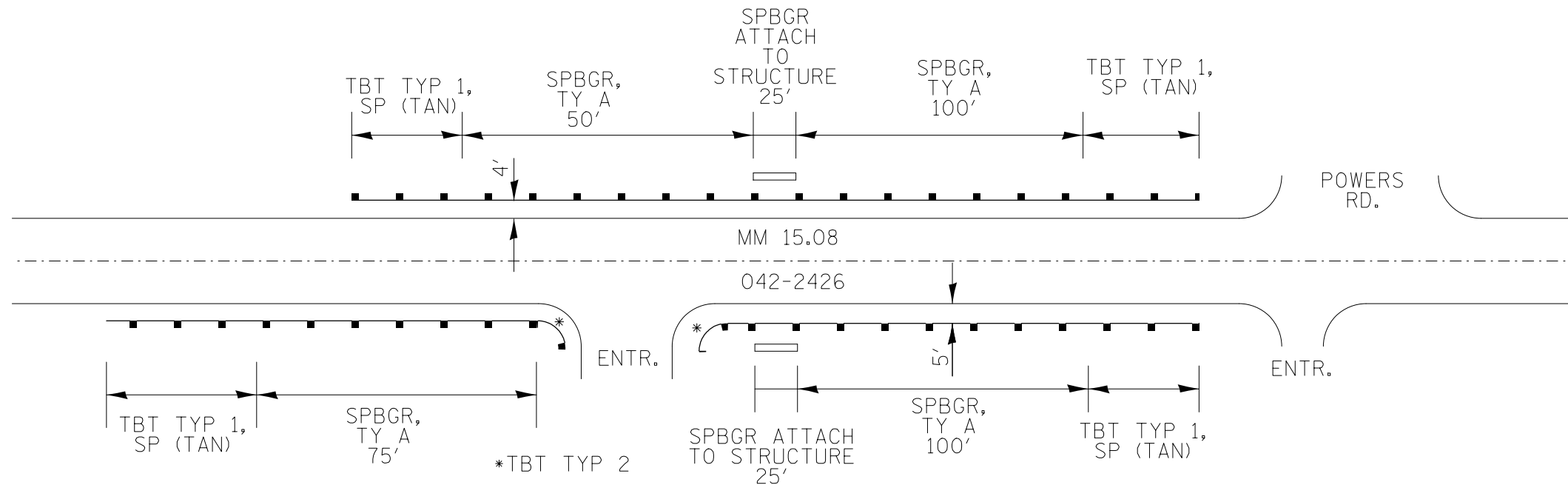
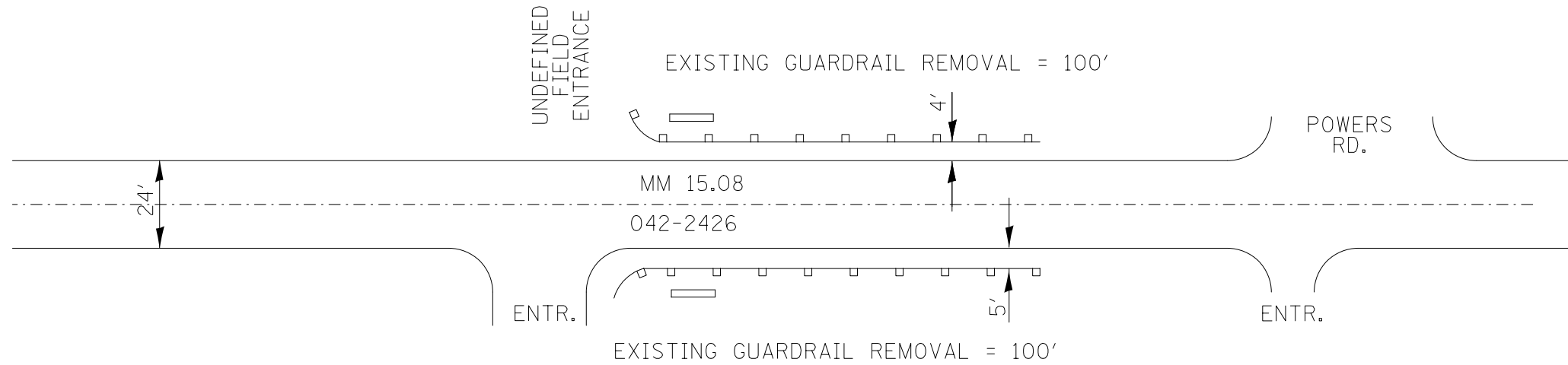
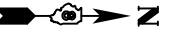
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/22/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET
LOCATION #22 - MM 12.22**

SCALE: SHEET NO. 22 OF 27 SHEETS STA. TO STA.

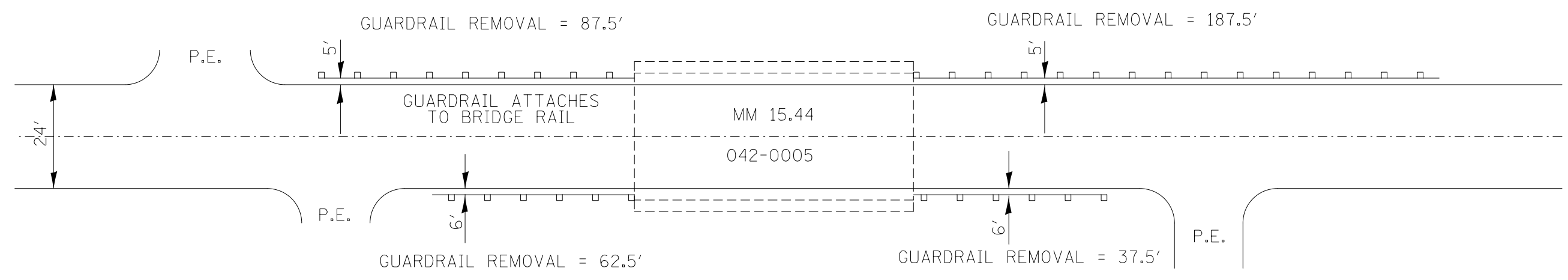
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
304	(6,4,2)RS-3	JERSEY	52	38
CONTRACT NO. 76F24				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



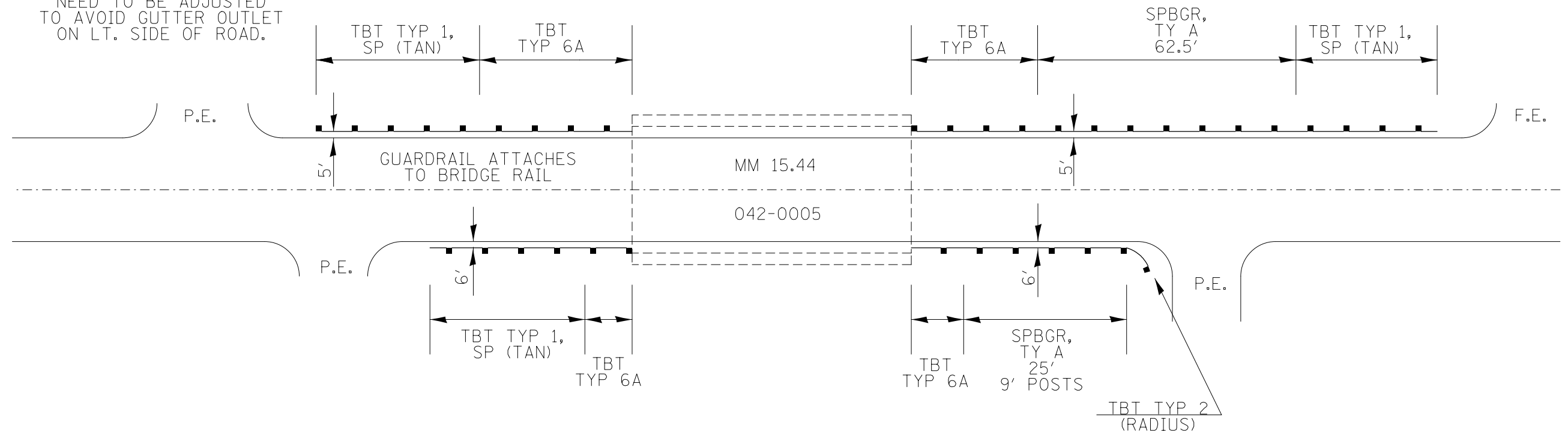
GUARDRAIL POSTS MAY
NEED TO BE ADJUSTED
TO AVOID GUTTER OUTLET
ON RT. SIDE OF ROAD.

NOT TO SCALE

FILE NAME = c:\pwork\pwork\conoverpj\d0280257\d076f24-sht-plan.dgn	USER NAME = conoverpj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET LOCATION #25 - MM 15.08		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		304	(6,4,2)RS-3	JERSEY	52	41		
PLOT DATE = 3/22/2013	DATE -	REVISED -	SCALE:		SHEET NO. 25 OF 27 SHEETS	STA.	TO STA.	CONTRACT NO. 76F24			
								FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

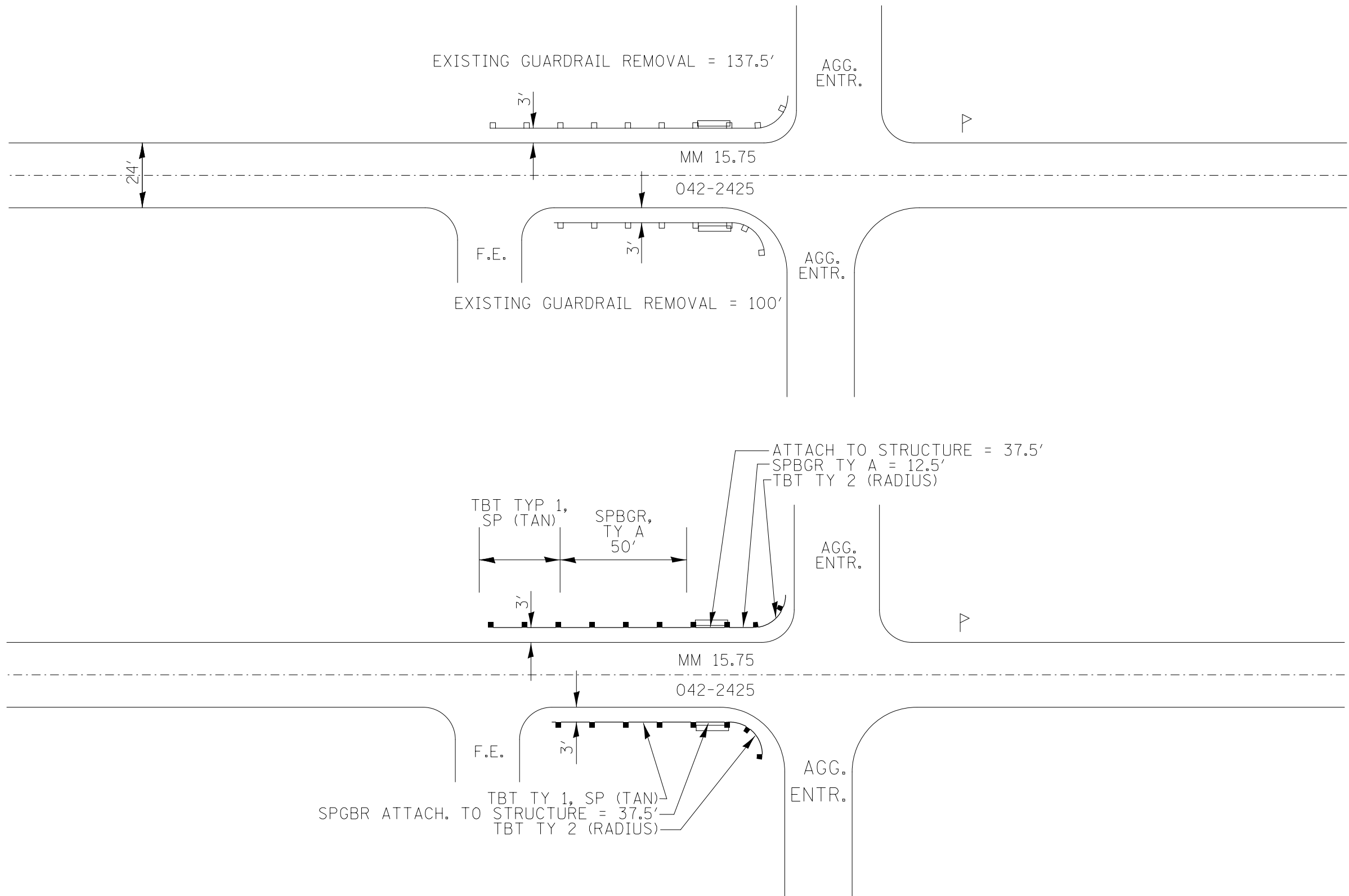


GUARDRAIL POSTS MAY
NEED TO BE ADJUSTED
TO AVOID GUTTER OUTLET
ON LT. SIDE OF ROAD.



NOT TO SCALE

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	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -		SCALE:	SHEET NO. 26 OF 27 SHEETS	STA.	TO STA.	304	(6,4,2)RS-3	JERSEY	52
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								ILLINOIS FED. AID PROJECT				



NOT TO SCALE

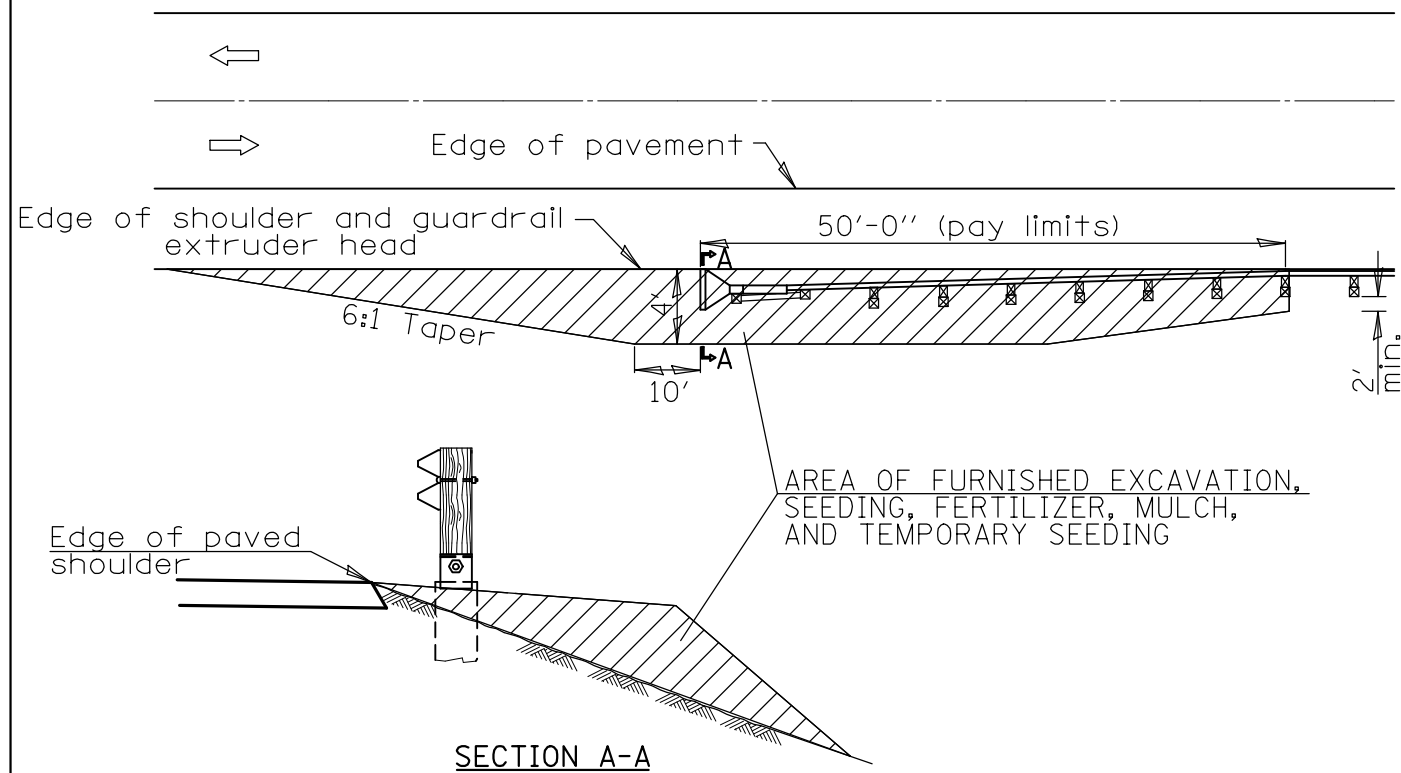
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	PLOT DATE = 3/22/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

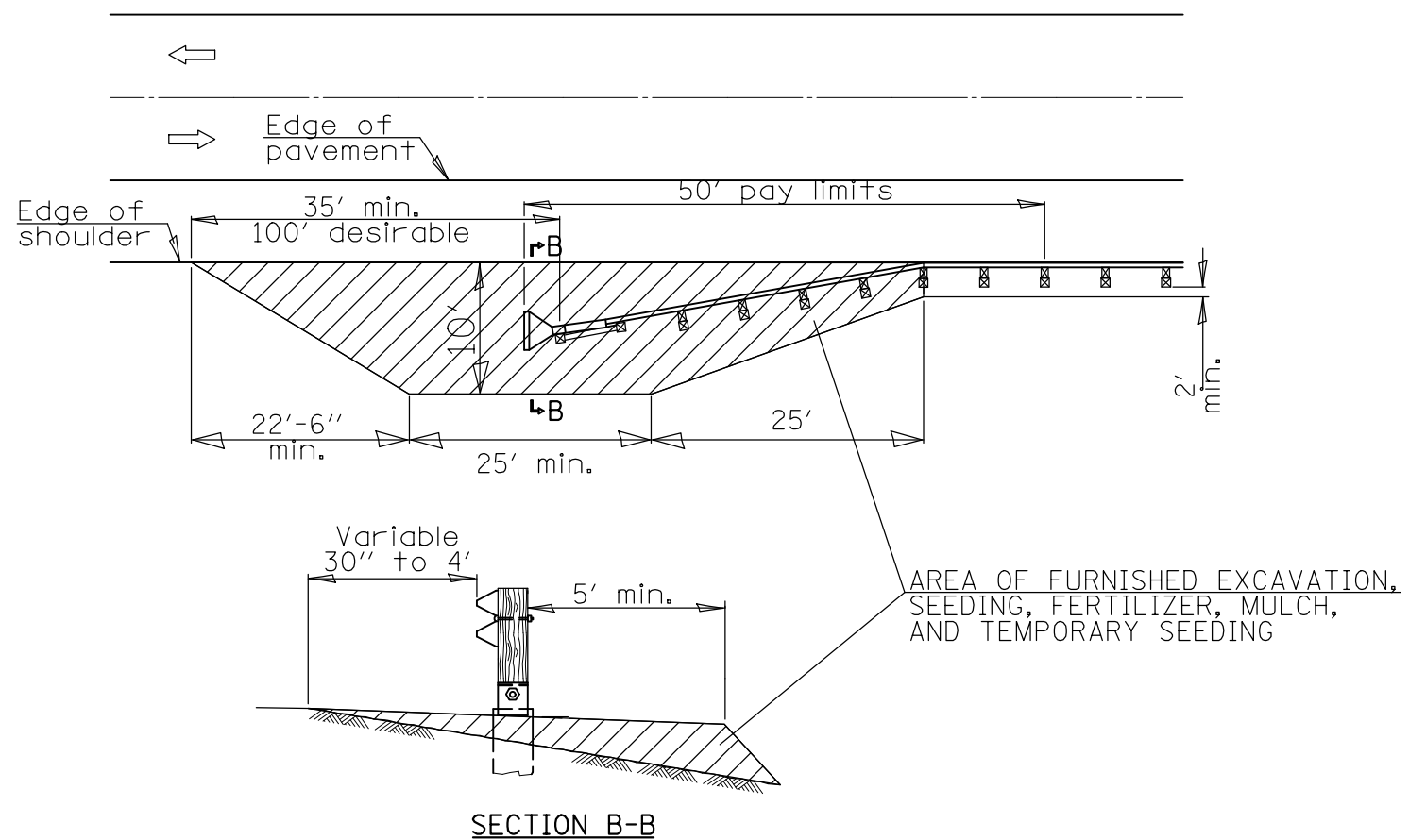
**PLAN SHEET
LOCATION #27 - MM 15.75**

SCALE: SHEET NO. 27 OF 27 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
304	(6,4,2)RS-3	JERSEY	52	43
CONTRACT NO. 76F24				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT



TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED

SEE SCHEDULES OF QUANTITIES ON SHEET 13 FOR LOCATIONS AND ESTIMATED QUANTITIES.

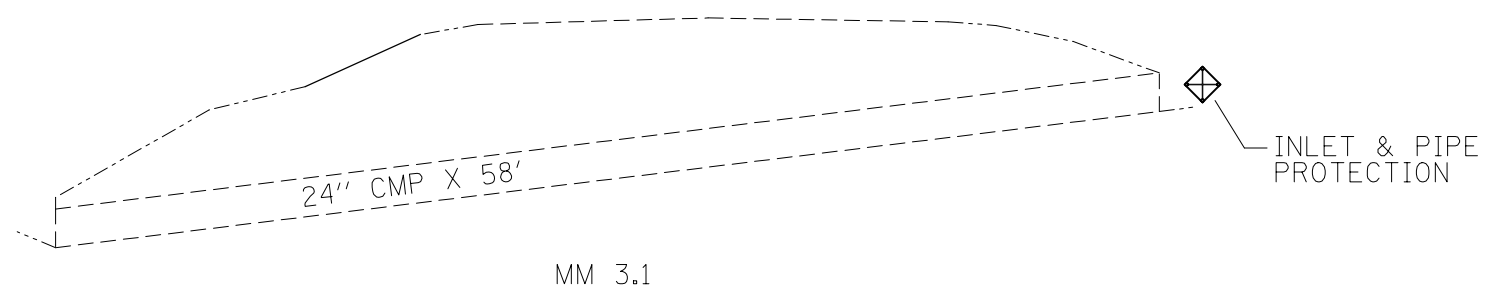
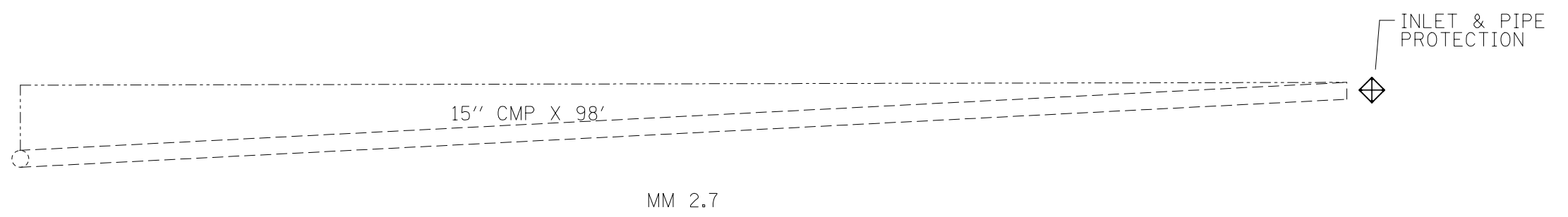
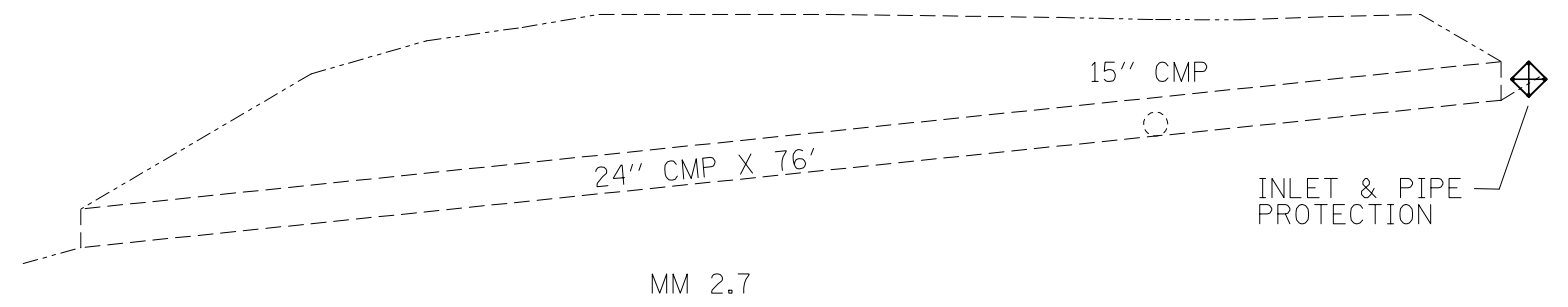
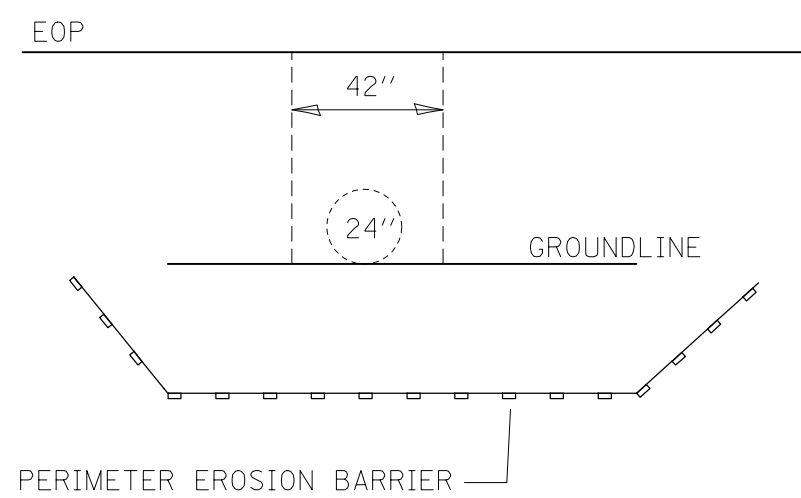
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	PLOT DATE = 3/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL DETAILS

SCALE: SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
304	(6,4,2)RS-3	JERSEY	52	44
CONTRACT NO. 76F24				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION AND SEDIMENT CONTROL DETAILS

SCALE: SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
304	(6,4,2)RS-3	JERSEY	52	45
CONTRACT NO. 76F24				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

MM 15.11 (IL 100) =
STA. 693+74 (IL 16)

15' MILLING TRANSITION
2 1/4" TO 1 1/2"

(COST TO BE INCLUDED IN
HMA SURFACE REMOVAL, 2 1/4")

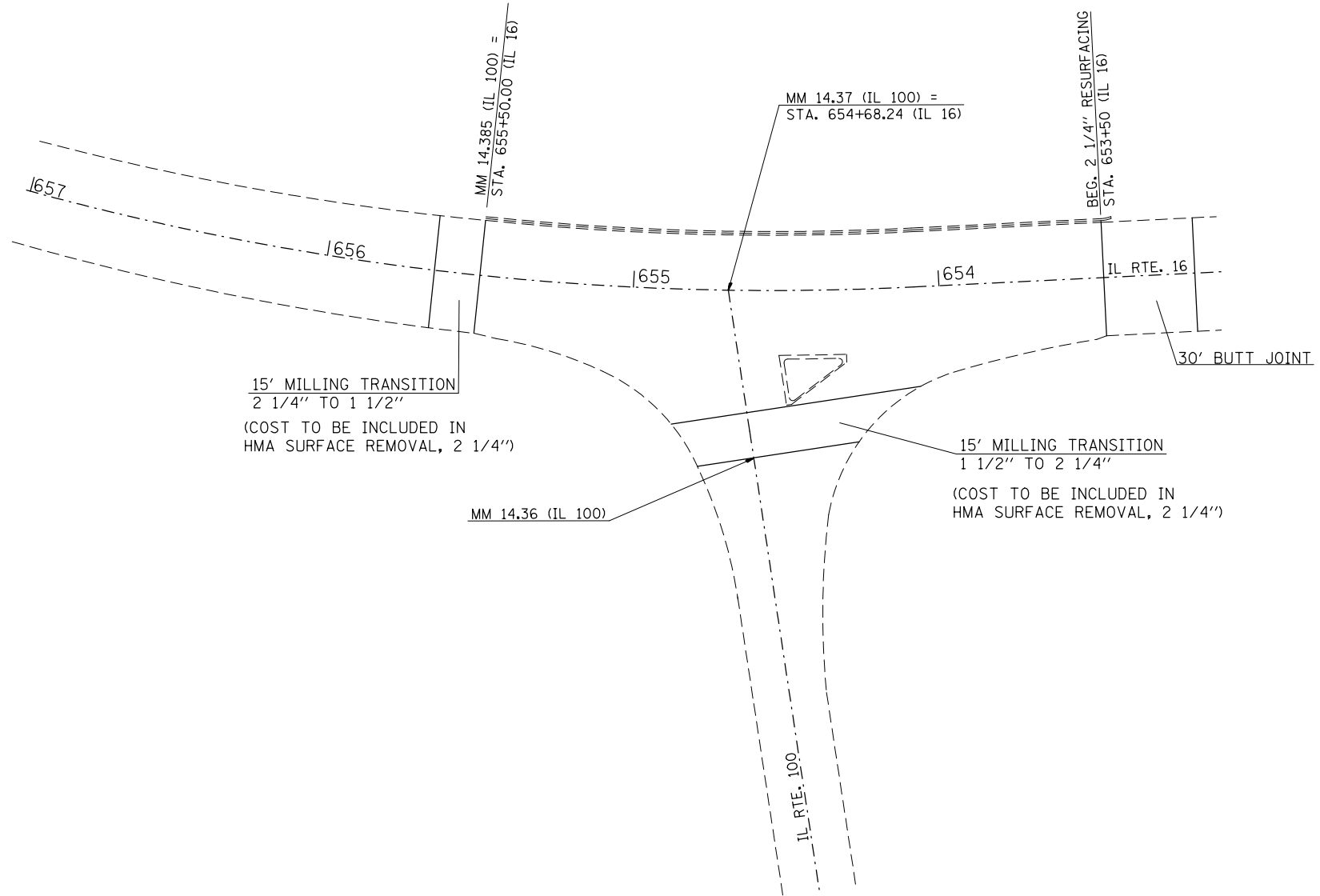
MM 14.98 (IL 100) =
STA. 687+03 (IL 16)

MM 14.93 (IL 100) =
STA. 684+34 (IL 16)

MM 14.76 (IL 100) =
STA. 675+31 (IL 16)

15' MILLING TRANSITION
1 1/2" TO 2 1/4"

(COST TO BE INCLUDED IN
HMA SURFACE REMOVAL, 2 1/4")



NOT TO SCALE

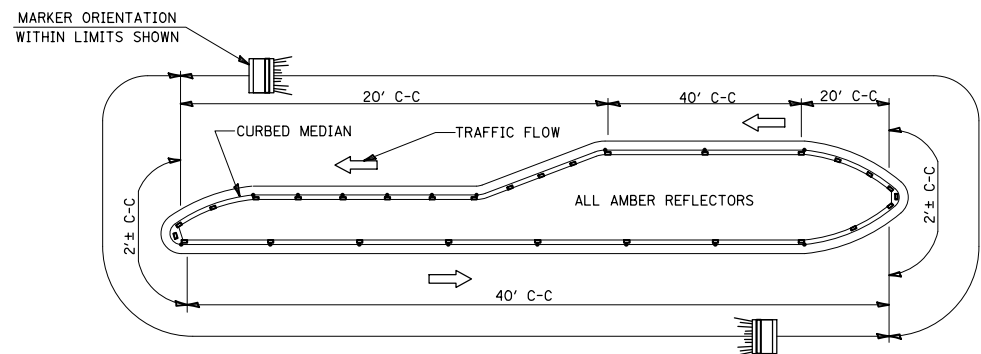
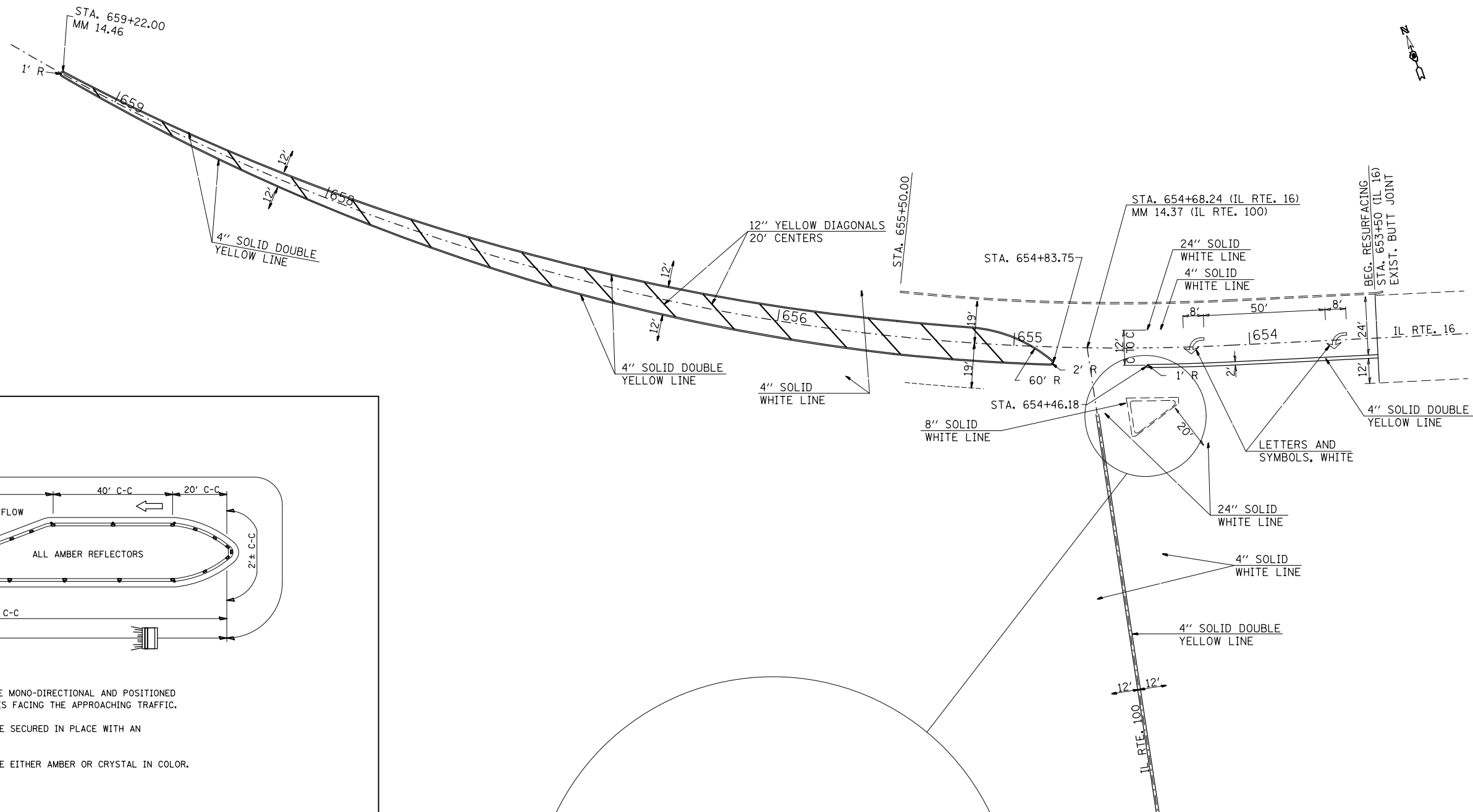
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	PLOT DATE = 3/22/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

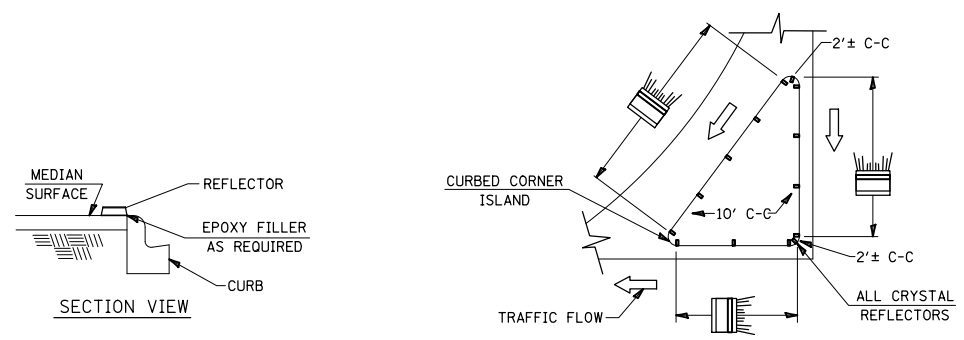
**INTERSECTION RESURFACING &
MILLING TRANSITION DETAILS**

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

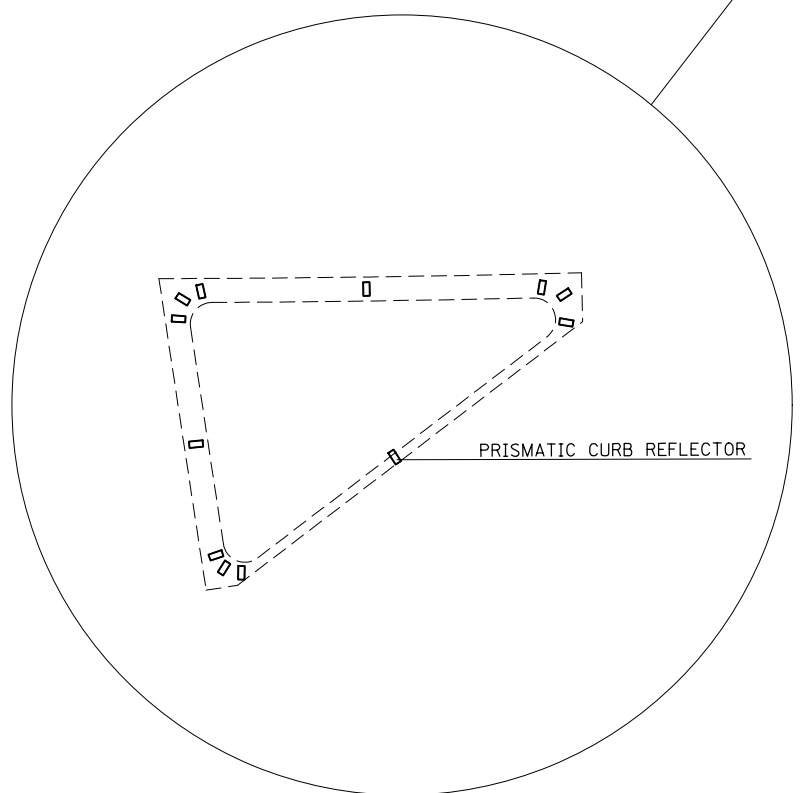
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
304	(6,4,2)RS-3	JERSEY	52	46
CONTRACT NO. 76F24				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



- NOTES**
1. PRISMATIC REFLECTORS SHALL BE MONO-DIRECTIONAL AND POSITIONED SO THAT THE REFLECTIVE FACE IS FACING THE APPROACHING TRAFFIC.
 2. PRISMATIC REFLECTORS SHALL BE SECURED IN PLACE WITH AN EPOXY ADHESIVE.
 3. PRISMATIC REFLECTORS SHALL BE EITHER AMBER OR CRYSTAL IN COLOR.



TYPICAL PLACEMENT OF PRISMATIC REFLECTORS ON CURBS
(NO SCALE)



NOT TO SCALE

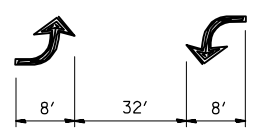
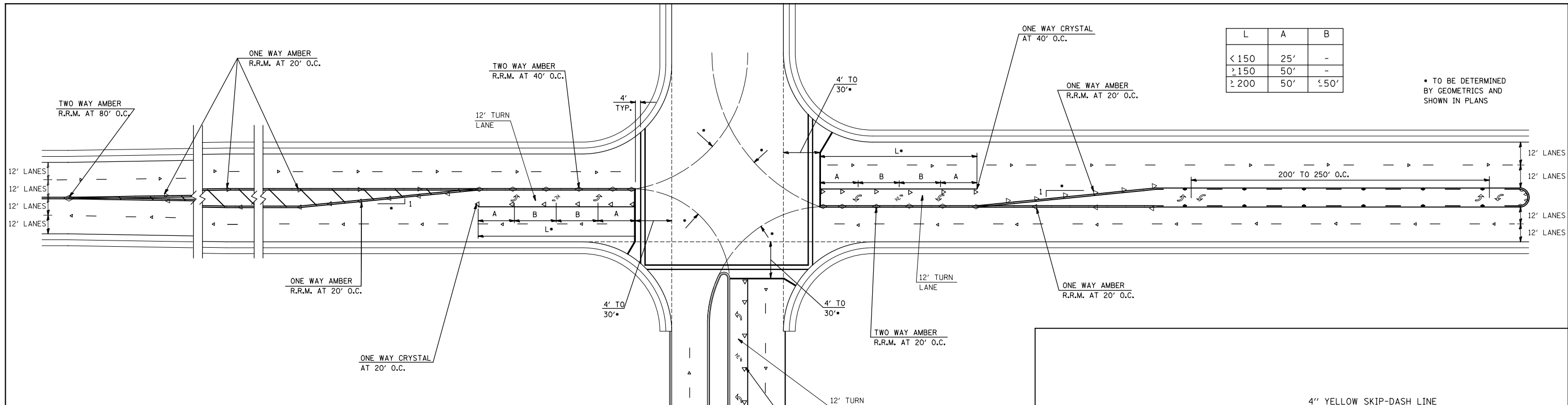
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	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 3/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAIL

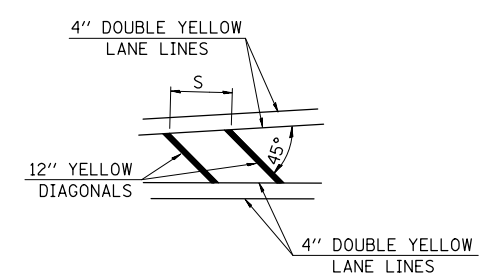
SCALE: SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
304	(6,4,2)RS-3	JERSEY	52	47
CONTRACT NO. 76F24				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

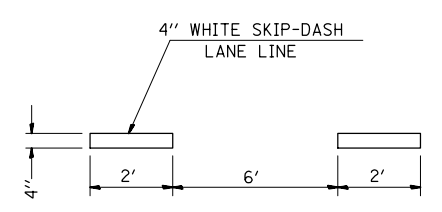


BI-DIRECTIONAL
TURN ARROW
@ 200' O.C.

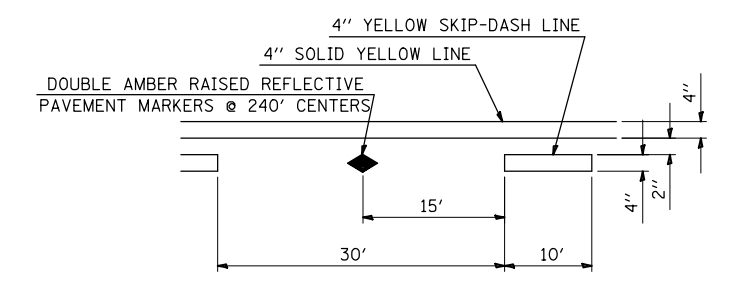
SPEED	CHANNELIZATION & GORES	OBJECTS	CONTINUOUS
< 30 MPH	15'	10'	50'
30-45 MPH	20'	15'	75'
> 45 MPH	30'	20'	150'



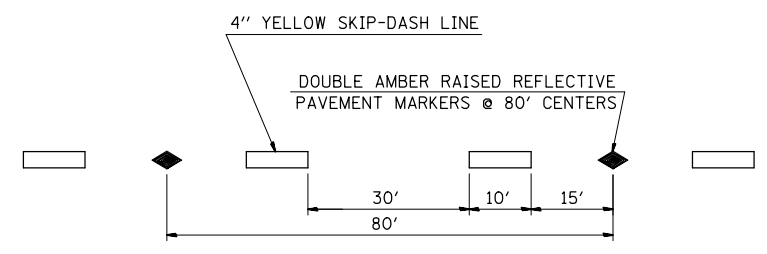
TYPICAL APPLICATION
FOR MEDIAN STRIPING



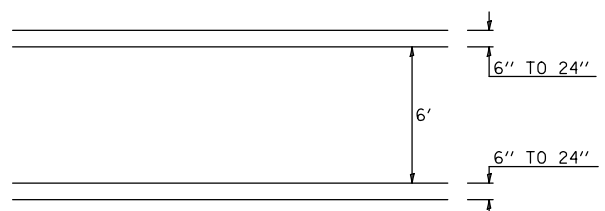
TYPICAL APPLICATION FOR
WHITE SKIP-DASH LANE LINES



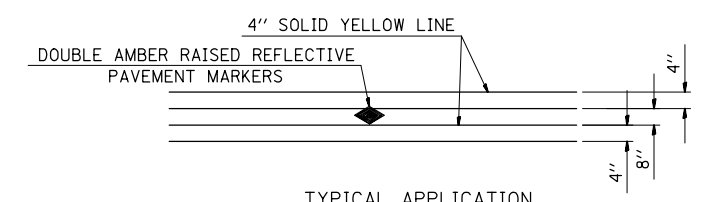
TYPICAL APPLICATION FOR
BI-DIRECTIONAL TURN LANE
WITH RAISED REFLECTIVE PAVEMENT MARKERS



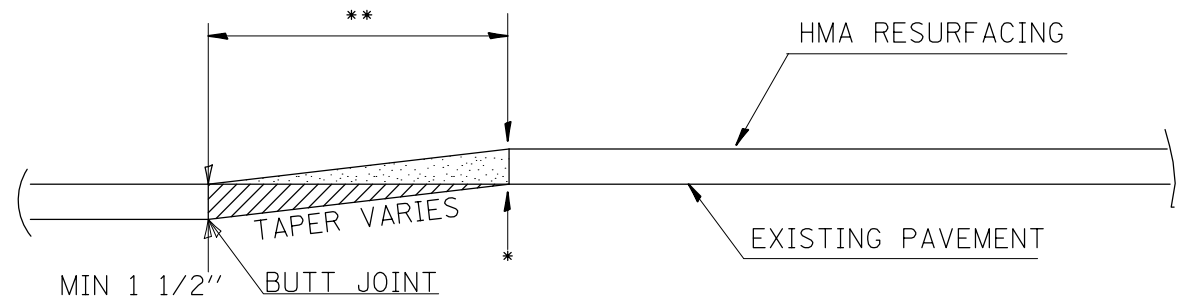
TYPICAL APPLICATION
FOR YELLOW SKIP-DASH LINES
WITH RAISED REFLECTIVE PAVEMENT MARKERS



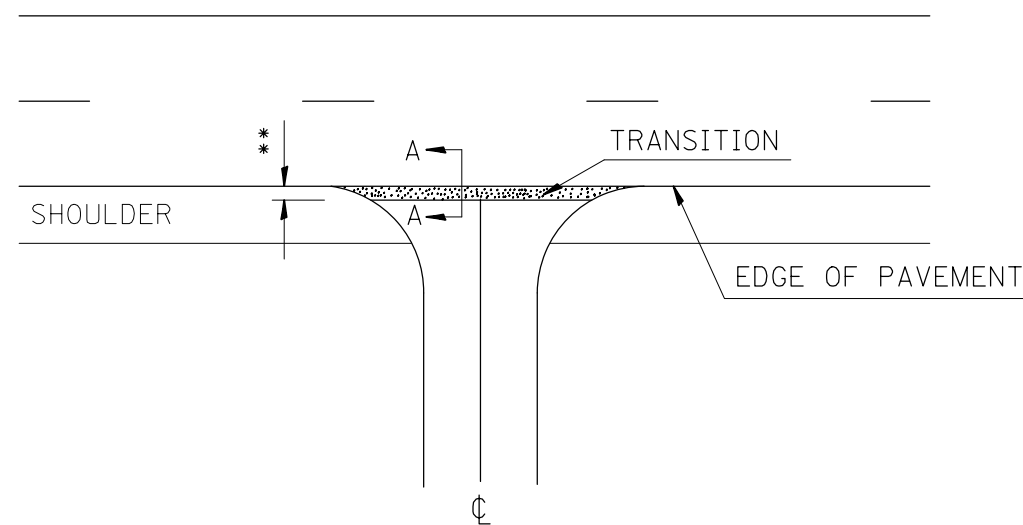
TYPICAL APPLICATION FOR
PEDESTRIAN CROSSWALK



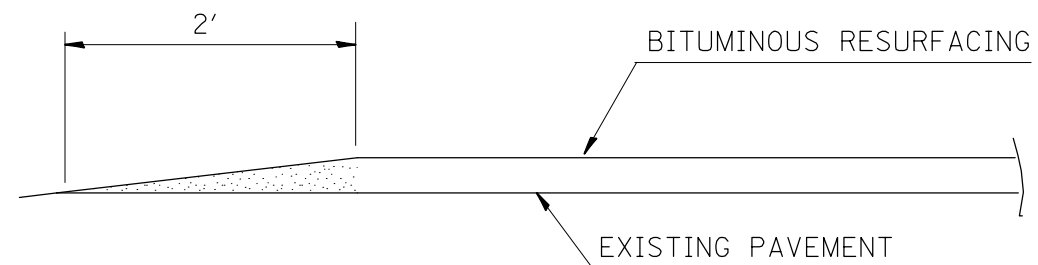
TYPICAL APPLICATION
FOR DOUBLE YELLOW LANE LINES
WITH RAISED REFLECTIVE PAVEMENT MARKERS



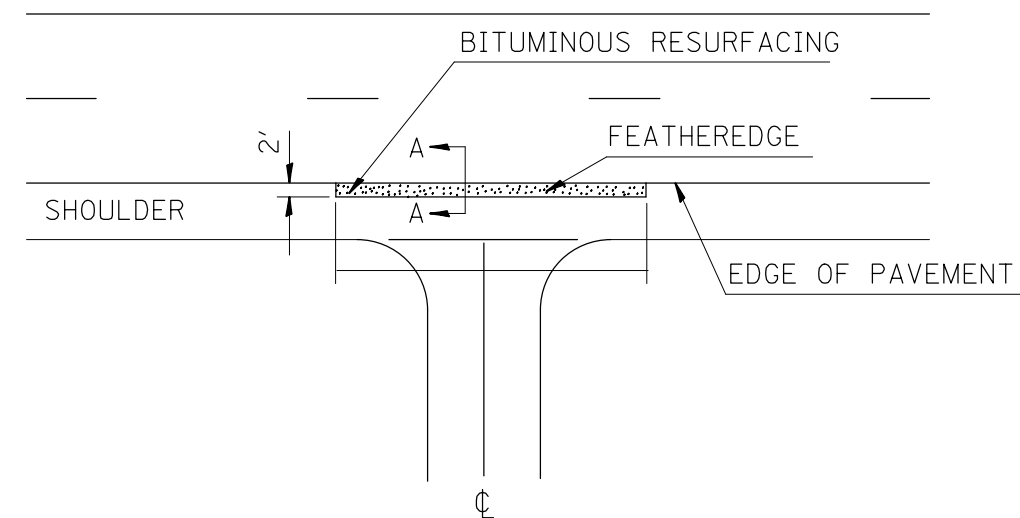
TRANSITION DETAIL
SECTION A-A
BUTT-JOINT ADDITION



SIDEROAD DETAIL



FEATHEREDGE DETAIL
SECTION A-A



ENTRANCE DETAIL

*EOP 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'

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.

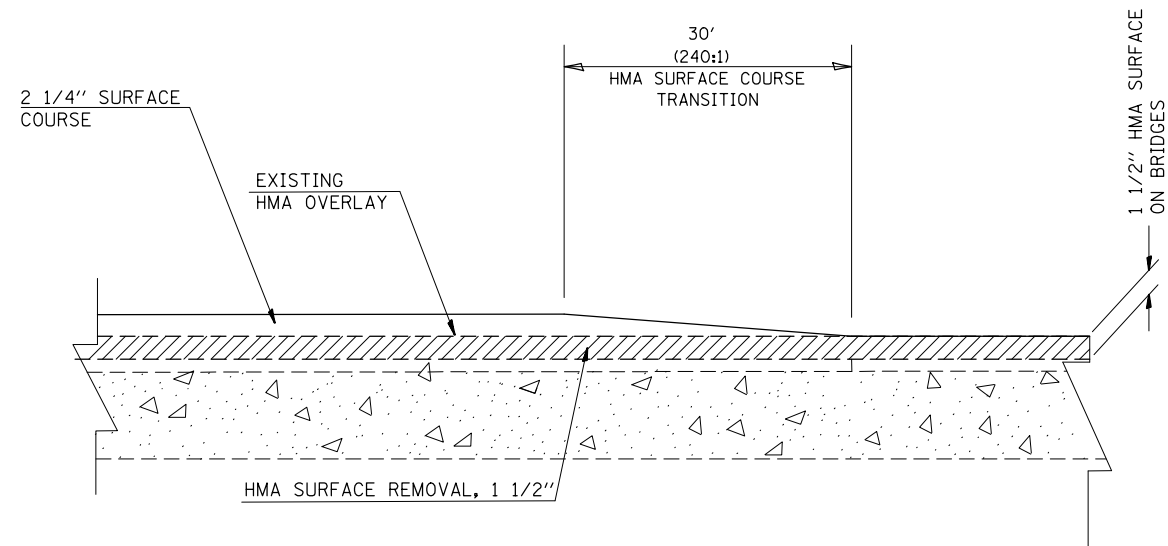
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/22/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINT DETAILS

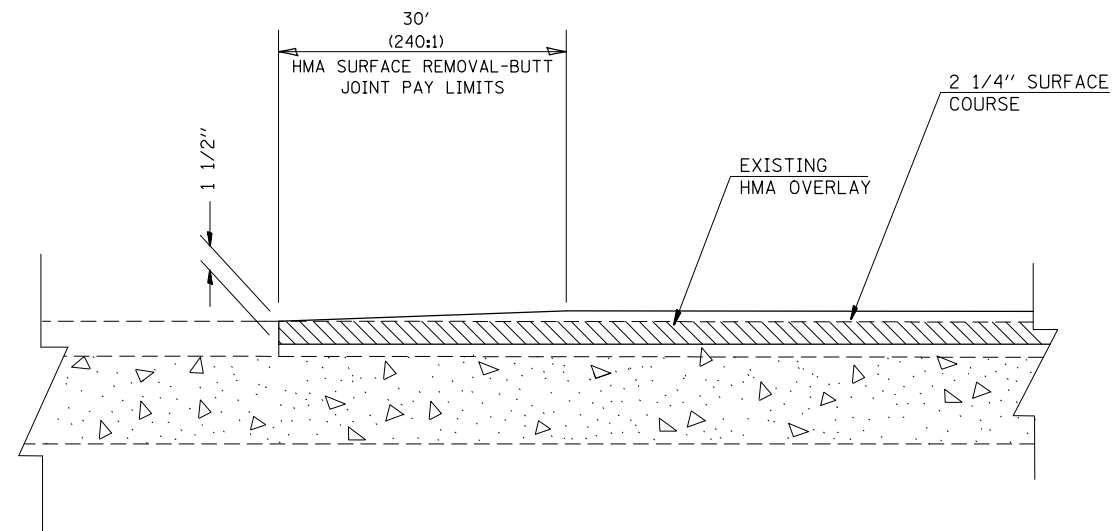
SCALE: SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
304	(6,4,2)RS-3	JERSEY	52	49
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76F24	

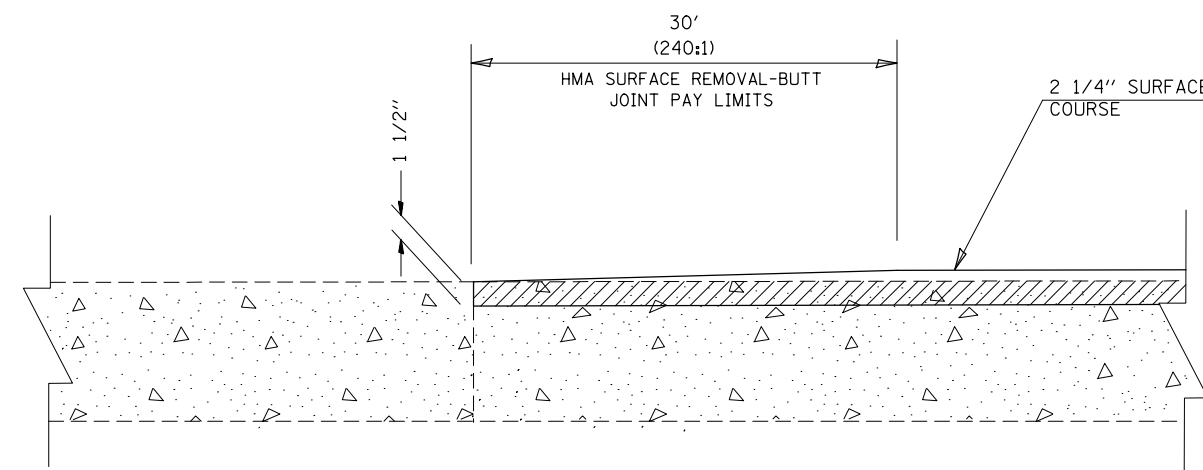


S.N. 042-0011, 0005, 0010
BRIDGE TRANSITION DETAIL

THE INTENT IS TO NOT MILL INTO THE WATERPROOF MEMBRANE SYSTEM OR THE EXPANSION JOINTS ON STRUCTURES 042-0005 AND 042-0010. NO ADDITIONAL DEAD LOAD CAN BE ADDED TO STRUCTURE 042-0011.



S.N. 042-0012
BRIDGE OMISSION DETAIL
(same on both sides of structure)



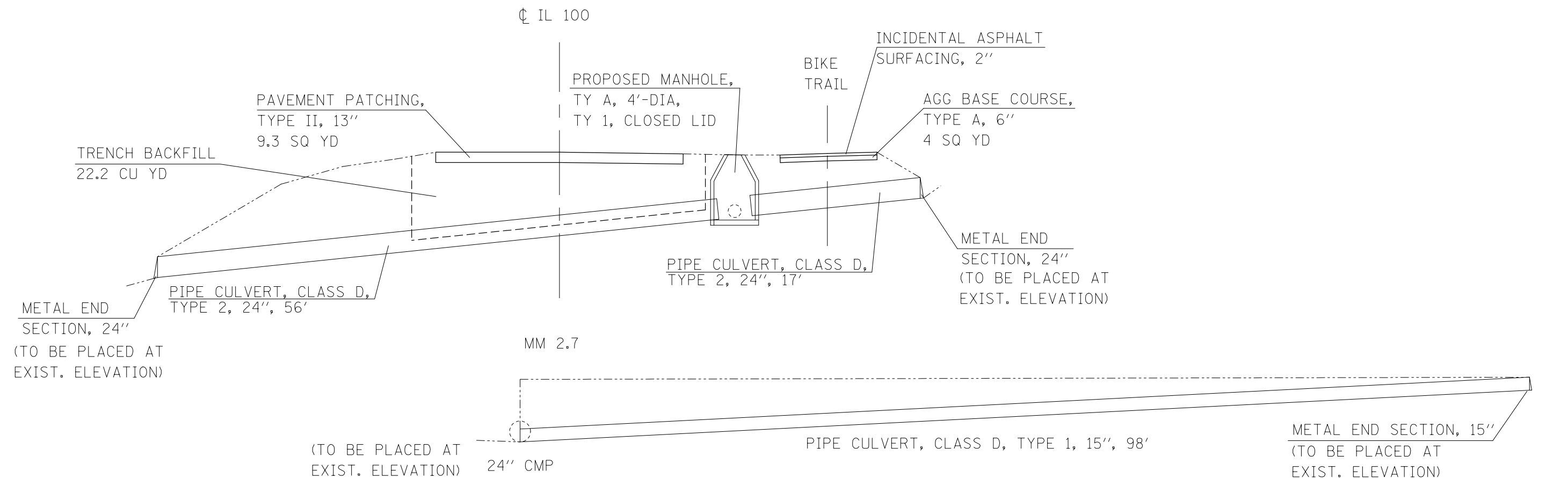
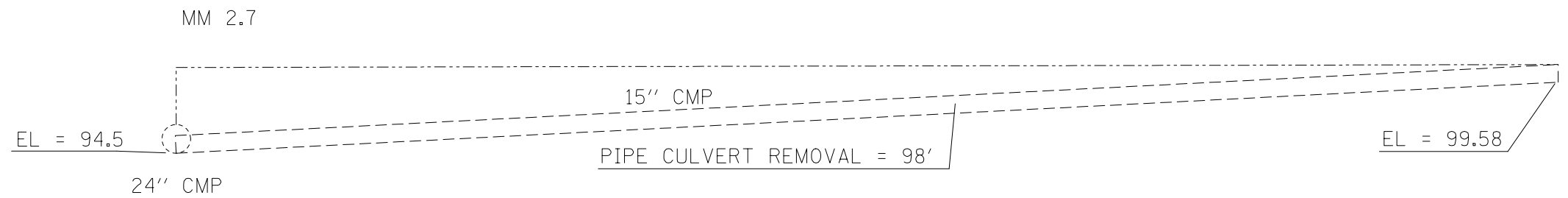
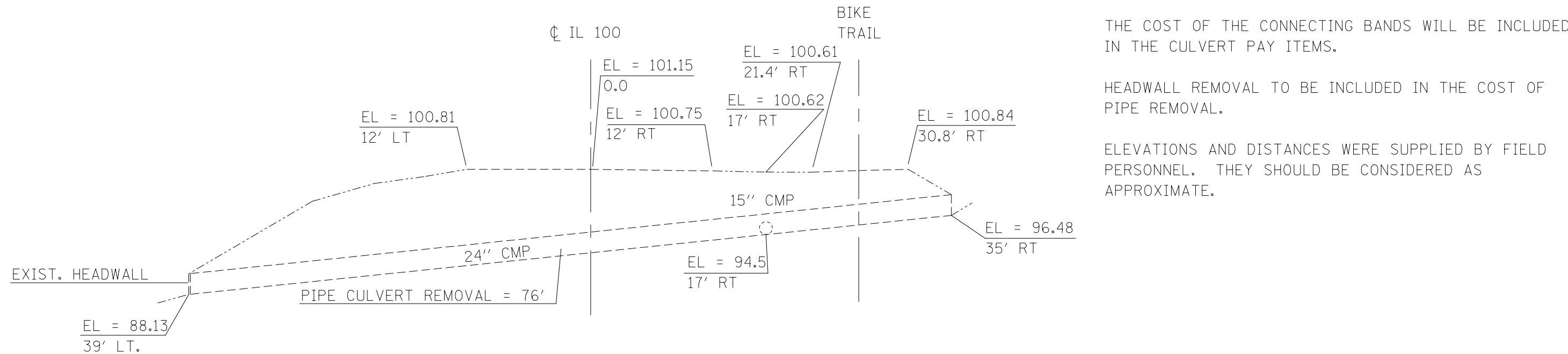
MAINLINE BUTT JOINT DETAIL
BEGINNING & ENDING OF PROJECT

FILE NAME =	USER NAME = conoverpj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	JOINT DETAILS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\dot\conoverpj\d0280257\d076f24-sht-details.dgn	DRAWN -	REVISED -	304				(6,4,2)RS-3	JERSEY	52	50	
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -	CONTRACT NO. 76F24								
PLOT DATE = 3/22/2013	DATE -	REVISED -	SCALE:		SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

THE COST OF THE CONNECTING BANDS WILL BE INCLUDED IN THE CULVERT PAY ITEMS.

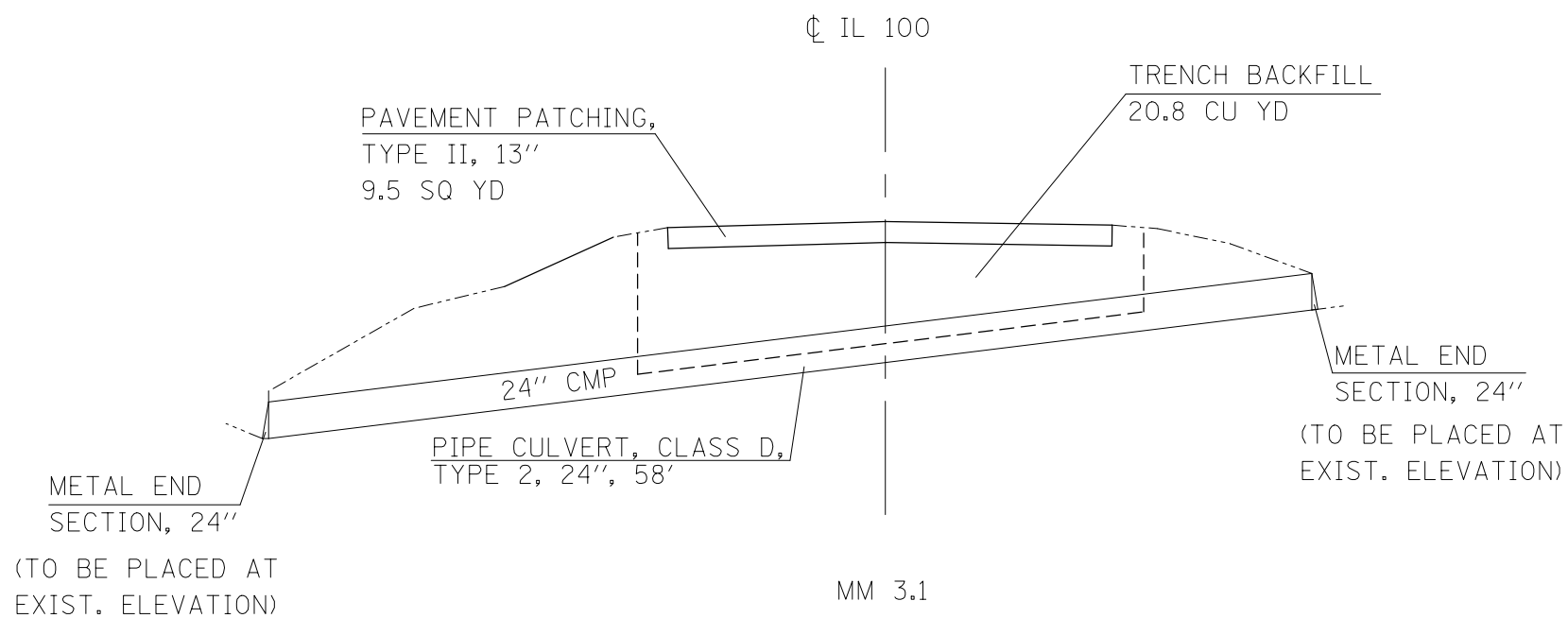
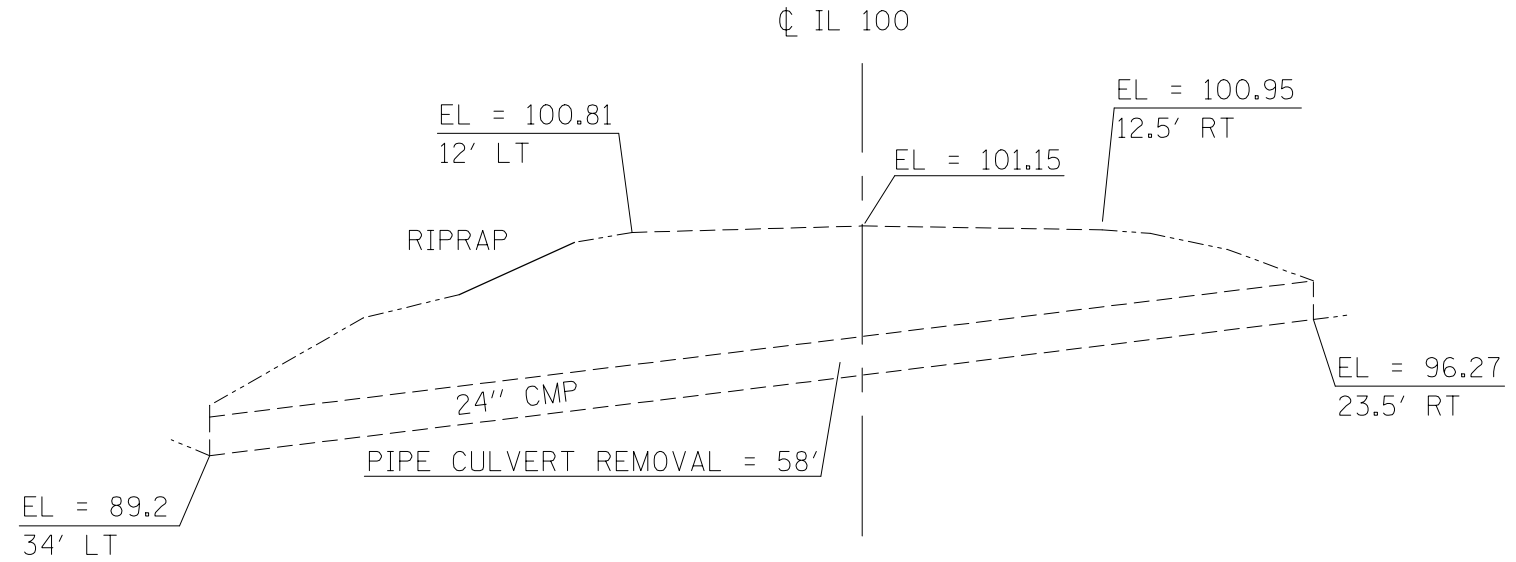
HEADWALL REMOVAL TO BE INCLUDED IN THE COST OF PIPE REMOVAL.

ELEVATIONS AND DISTANCES WERE SUPPLIED BY FIELD PERSONNEL. THEY SHOULD BE CONSIDERED AS APPROXIMATE.



FILE NAME =	USER NAME = conoverpj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CULVERT REPLACEMENT DETAILS MM 2.7			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 100.0000' / 1in.		CHECKED -	REVISED -		CONTRACT NO. 76F24			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
PLOT DATE = 3/22/2013		DATE -	REVISED -		SCALE:	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.				

THE COST OF THE CONNECTING BANDS WILL BE INCLUDED
IN THE CULVERT PAY ITEMS.



FILE NAME =	USER NAME = conoverpj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CULVERT REPLACEMENT DETAILS MM 3.1			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 76F24							
PLOT DATE = 3/22/2013		DATE -	REVISED -		SCALE:	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		