

STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
406201-01	MAILBOX TURNOUT
424001-06	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006	DIAGONAL CURB RAMPS FOR SIDEWALKS
424016	MID-BLOCK CURB RAMPS FOR SIDEWALKS
701001-02	OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-03	OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-02	OFF-ROAD MOVING OPERATIONS 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS \leq 45 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-05	LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-02	TRAFFIC CONTROL DEVICES
780001-03	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS

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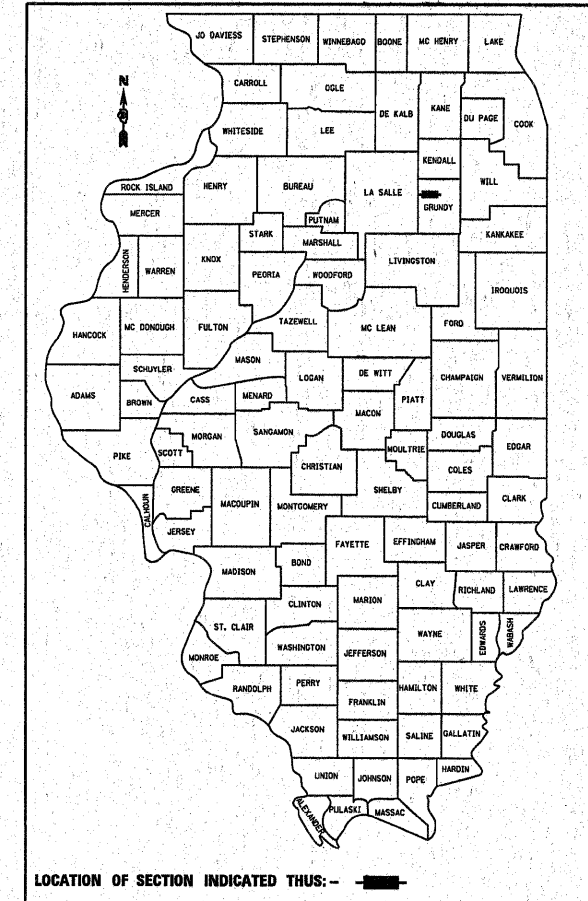
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED
HIGHWAY PLANS

FAS ROUTE 296 (US 6)
SECTION (O,P,Q,G)RS-3
PROJECT RS-0296(102)
TYPE of IMPROVEMENT: 3P MILLING AND
RESURFACING
GRUNDY COUNTY

C-93-032-11

F.A.S. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
296	(O,P,Q,G)RS-3	GRUNDY	19	1
		ILLINOIS	CONTRACT NO. 66A75	

D-93-026-11



LOCATION OF SECTION INDICATED THUS: —■—

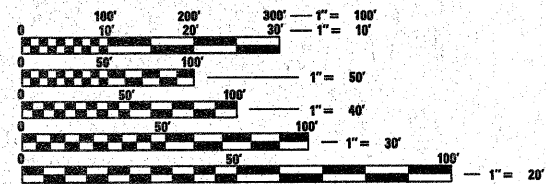
FROM WALKERS CORNER TO NEAR SN 032-2002 (A DISTANCE OF 2.5 MILES)	FROM NEAR SN 032-2002 TO IL 47
FUNCTIONAL CLASSIFICATION— OTHER PRINCIPAL ARTERIAL	FUNCTIONAL CLASSIFICATION— MINOR ARTERIAL, URBAN
2009 ADT=3850 VPD(FROM W.C. TO SARATOGA RD)	2009 ADT=13,400 VPD(NEAR IL 47)
PV=91.6% SU=5.8% MU=2.6%	PV=85.2% SU=13.1% MU=1.7%

PROJECT BEGINS STA 1021+50
(APPROX. 65' EAST OF WALKER'S
CORNER INTERSECTION)

OMIT SN 032-0107
 STA 448+76 TO
 STA 450+82

OMIT
 STA 500+68 TO
 STA 529+50

PROJECT ENDS STA
NEAR IL 47
STA 579+05

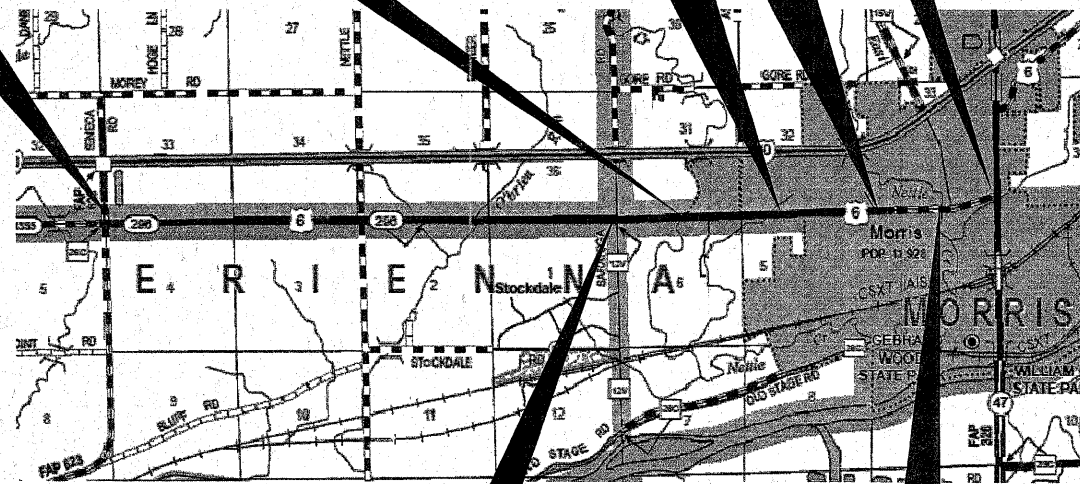


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: J.KANNEL, P.E.
UNIT CHIEF: P.BRABOY

CONTRACT NO.66A75



STA EQ. 810+00BK=
 STA 421+77AH

OMIT SN 032-0108
 STA 556+59 TO
 STA 558+08

GROSS LENGTH=36,878 FT=6.98 MILES
 NET LENGTH=33,641 FT=6.37 MILES

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED January 11 20 12
Eric S. Thakel
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

February 3 20 12
John D. Cavarelli, P.E.
 acting ENGINEER OF DESIGN AND ENVIRONMENT

February 3 20 12
William R. Fier
 acting DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

GENERAL NOTES

THE THICKNESS OF HMA 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 HMA IS PLACED.

THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL BE REQUIRED TO SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE HMA SURFACE.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.

ON EXISTING PAVEMENT WHICH MAY BE SUPERELEVATED, THE NEW HMA PAVEMENT SHALL BE BUILT WITH THE SAME SUPERELEVATION UNLESS NEW SUPERELEVATION RATES ARE GIVEN ON THE PLANS.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS / CU YD
AGGREGATE (PRIME COAT)	0.002	TONS / SQ YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT / 100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS / SQ YD
LEVEL BINDER (HAND METHOD)	0.0005	TONS / SQ YD
SUPPLEMENTAL WATERING	3	GAL / SQ YD / APPLICATION

BITUMINOUS MATERIALS (PRIME COAT) RATES		
SURFACE TYPE	ESTIMATED TRUCK APPLICATION RATE	RESIDUAL RATE
AGGREGATE BASES	0.375 GAL / SQ YD	N/A
MILLED HMA OR PCC PAVEMENT	0.08 GAL / SQ YD	0.04 GAL / SQ YD
EXISTING PAVEMENT	0.05 GAL / SQ YD	0.025 GAL / SQ YD
FOG COAT (BETWEEN ADDITIONAL HMA LIFTS)	0.05 GAL / SQ YD	0.025 GAL / SQ YD

ESTIMATED TRUCK APPLICATION RATE USED FOR CALCULATING PLAN QUANTITIES

THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

ALL TIE POINT INFORMATION IS IN THE COMMITMENT FILE

COMMITMENTS:

ENVIRONMENTAL COORDINATION

TIE POINT INFORMATION

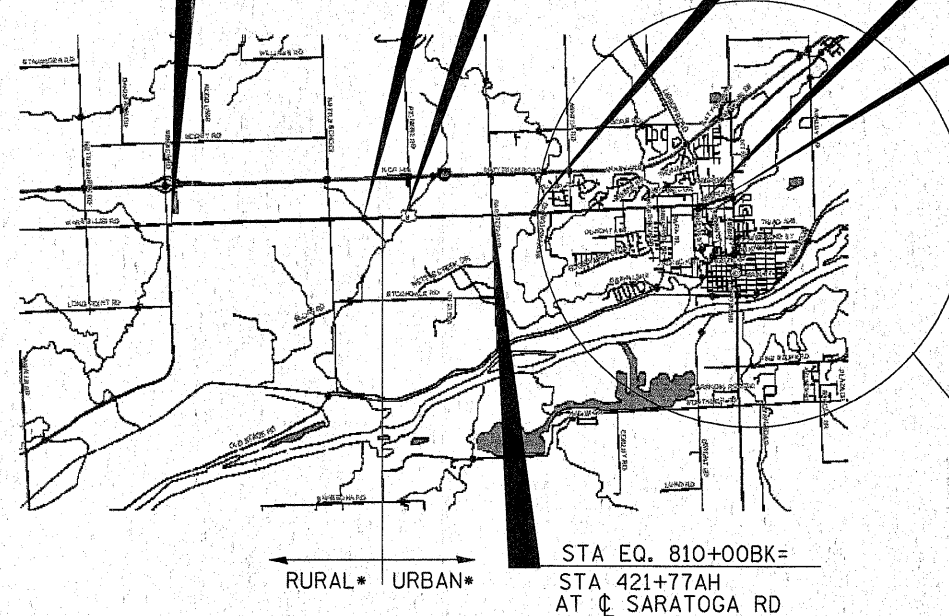
PROJECT BEGINS STA 1021+50
65' EAST OF WALKERS CORNER
INTERSECTION

SN 032-2002
BOX CULVERT

SN 032-2001
BOX CULVERT

OMIT SN 032-0107
STA 448+76 TO
STA 450+82

OMIT SN 032-0108
STA 556+59 TO
STA 558+08
PROJECT ENDS
STA 579+05



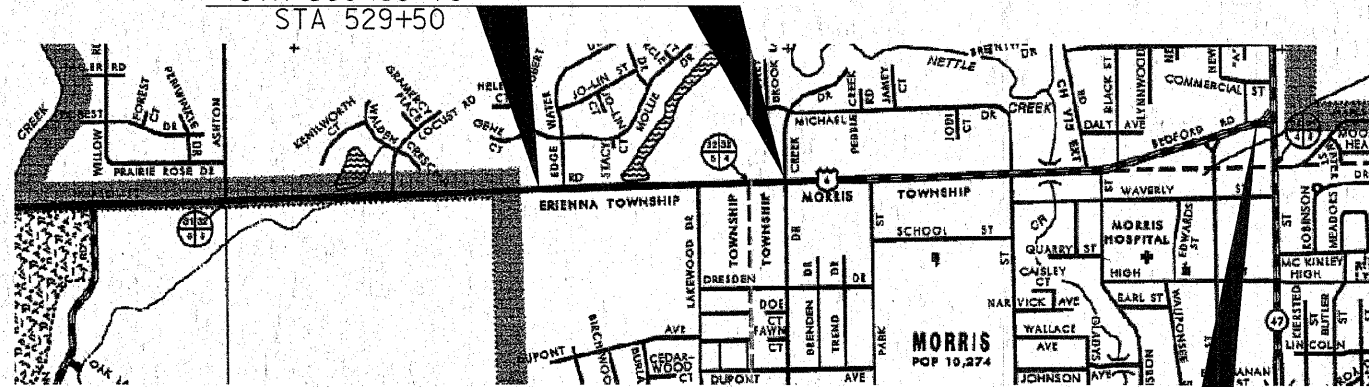
SEE MORRIS INSET
MAP BELOW

*RURAL/URBAN BREAK IS AT STA 889+60

NOTE-STATIONS DECREASE FROM WALKER'S CORNER TO SARATOGA ROAD. STATIONS INCREASE FROM SARATOGA ROAD TO IL 47

OMIT
FROM 670 FT. WEST
OF EDGE WATER DR.
TO CREEK DR.
STA 500+68 TO
STA 529+50

LOCATION MAP



MORRIS INSET MAP

PROJECT ENDS
STA 579+05

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

PREPARED BY: Tom Brown
DISTRICT STUDIES & PLANS ENGINEER

DATE: 1-6-12

EXAMINED BY: Heidi Gray
DISTRICT CONSTRUCTION ENGINEER

Wayne Hittler
DISTRICT MATERIALS ENGINEER

Bruce A. Huchens
DISTRICT OPERATIONS ENGINEER

FILE NAME =	USER NAME = braboygo	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
or:\pwork\pwork\braboygo\08244838\036875-sht-cover.dgn	PLOT SCALE = 55.9765' / in.	DRAWN -	REVISED -			296	0,P,0,GRS-3	GRUNDY	19	2	
PLOT DATE = 1/6/2012	DATE -	CHECKED -	REVISED -			CONTRACT NO. 66A75					
						ILLINOIS FED. AID PROJECT					

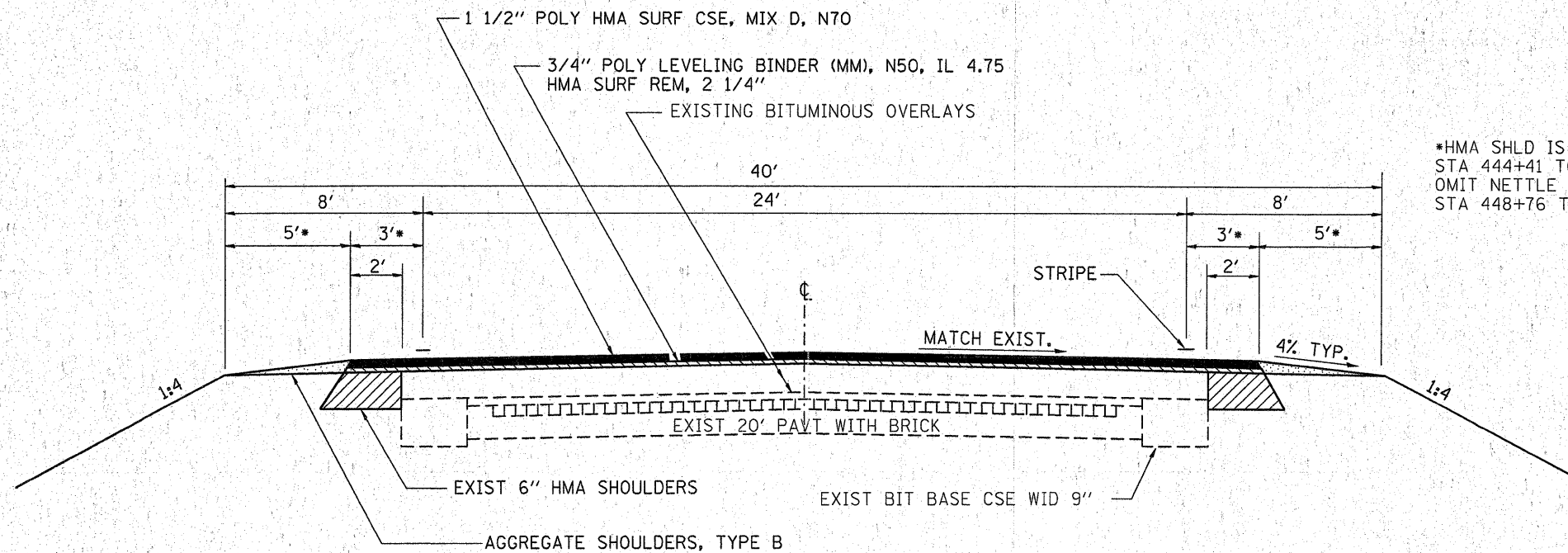
80% FED. / 20% STATE

SUMMARY OF QUANTITIES					
CODE NO.	ITEM	ROADWAY 0005			
		UNIT	TOTAL QUANTITY	URBAN	RURAL
20101700	SUPPLEMENTAL WATERING	UNIT	2	2	
20400800	FURNISHED EXCAVATION	CU YD	16	12	4
25200110	SODDING, SALT TOLERANT	SQ YD	72	72	
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	15524	9664	5860
40600300	AGGREGATE (PRIME COAT)	TON	239	149	90
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	34	21	13
40600525	LEVELING BINDER (HAND METHOD), N50	TON	57	35	22
40600895	CONSTRUCTING TEST STRIP	EACH	2.0	1.0	1.0
40600990	TEMPORARY RAMP	SQ YD	200	176	24
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	4920	3018	1902
40603540	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	9840	6036	3804
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	669	539	130
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	574	574	
42400800	DETECTABLE WARNINGS	SQ FT	161	161	
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	113730	69763	43967
44000600	SIDEWALK REMOVAL	SQ FT	574	574	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	5471	2968	2503
56109210	WATER VALVES TO BE ADJUSTED	EACH	4	4	
60255500	MANHOLES TO BE ADJUSTED	EACH	17	17	
66700205	PERMANENT SURVEY MARKERS, TYPE 1	EACH	50	28	22
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5	3.0	2.0
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.5	0.5
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1.0	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1.0	
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1.0	
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	11063	7106	3957

80% FED. / 20% STATE

SUMMARY OF QUANTITIES					
CODE NO.	ITEM	ROADWAY 0005			
		UNIT	TOTAL QUANTITY	URBAN	RURAL
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	328	328	0
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	67438	41058	26380
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	17166	11768	5398
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	1366	1366	0
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1274	1274	0
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	468	468	0
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1131	692	439
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	312	312	
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	8542	8542	
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1722	1722	
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	1366	1366	
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1274	1274	
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	468	468	
78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	16	16	
78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	58892	32512	26380
78005130	EPOXY PAVEMENT MARKING - LINE 6"	FOOT	15544	10146	5398
78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	222	222	
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	543	378	165
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	543	378	165
88600100	DETECTOR LOOP, TYPE I	FOOT	2694	2694	
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	5822	4676	1146
X4400500	COMBINATION CURB AND GUTTER REMOVAL (SPECIAL)	FOOT	154	154	
X6061700	COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)	FOOT	150	150	
Z0034105	MATERIAL TRANSFER DEVICE	TON	14760	9054	5706
Z0076600	TRAINEES	HOURL	1000	1000	

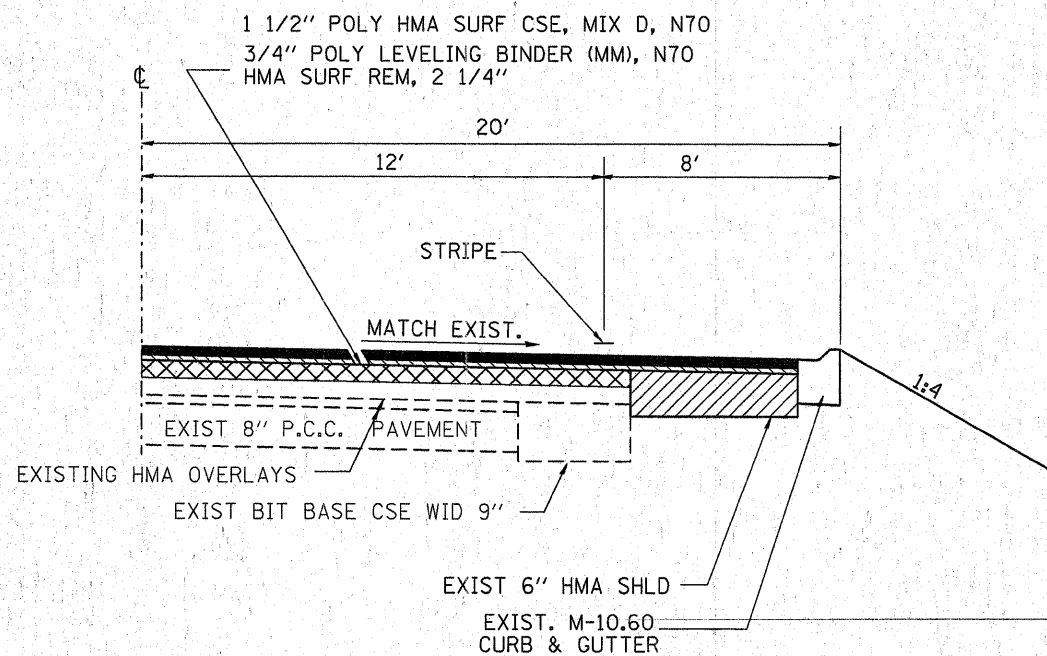
*SPECIALTY ITEMS
00042



*HMA SHLD IS 6' AND AGG SHLD IS 2' FROM STA 444+41 TO STA 456+31
 OMIT NETTLE CREEK STRUCTURE FROM STA 448+76 TO STA 450+82

PROPOSED TYPICAL

STA 1021+50 TO STA 810+00
 STA 421+77 TO STA 527+16±
 ALSO SEE PROPOSED HALF SECTION



PROPOSED HALF TYPICAL

STA 984+26 TO STA 981+14 RT
 STA 948+18 TO STA 945+23 RT
 STA 910+78 TO STA 908+98 LT

MIXTURES TABLE		
	POLY HMA SURFACE	POLY HMA LEVELING BINDER
PG GRADE	SBS PG-70-22	SBS PG-70-22
DESIGN AIR VOIDS	4.0% @ N70	4.0% @ N50
MIXTURE COMPOSITION	IL 9.5	IL-4.75
FRICTION AGGREGATE	MIXTURE D	
DENSITY TEST METHOD	QCP CORES	QCP CORES

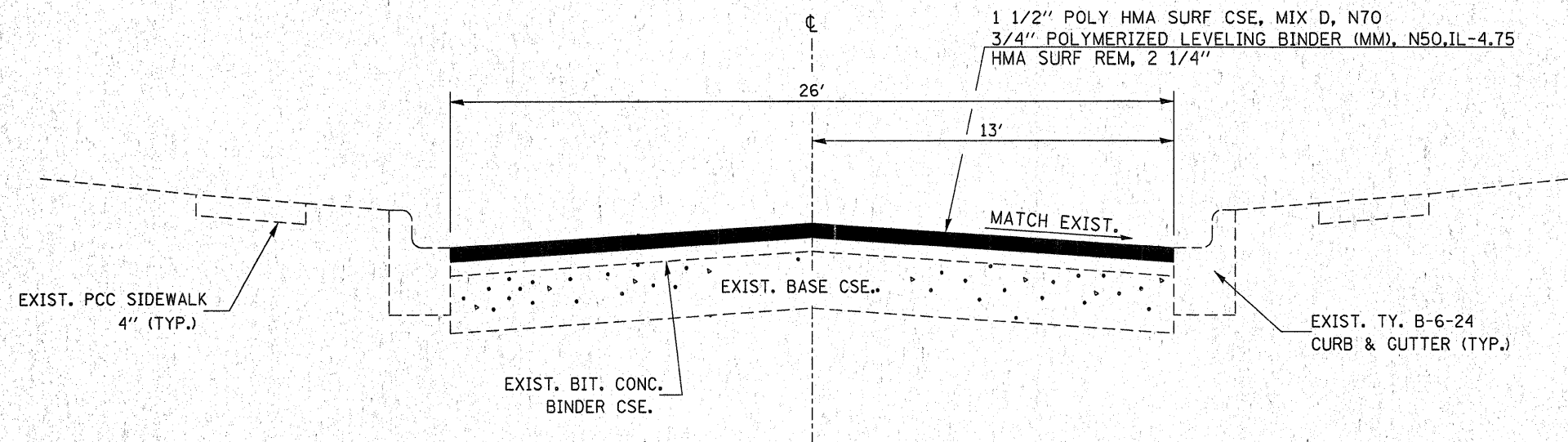
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PLOT DATE = 1/6/2012		DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

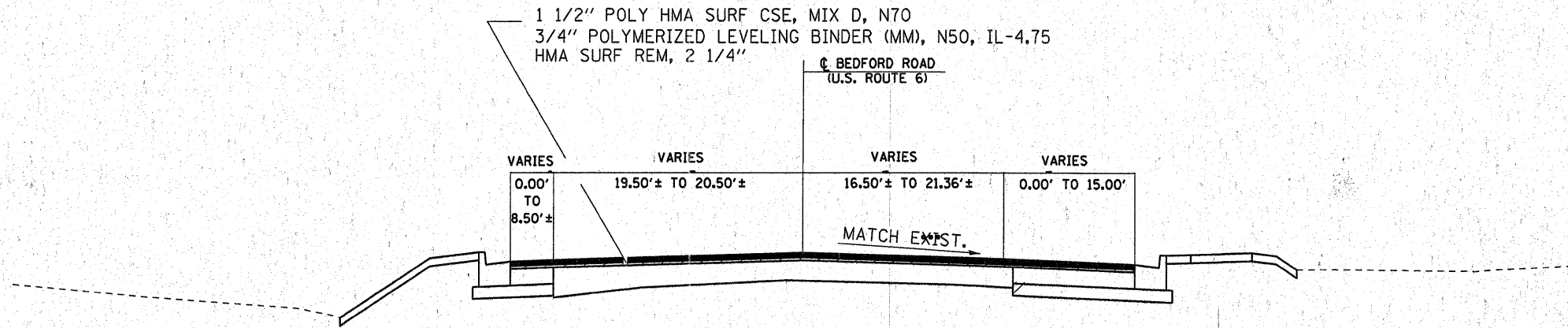
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
296	10, P.O. GRS-3	GRUNDY	19	4
CONTRACT NO. 66A75				
ILLINOIS FED. AID PROJECT				



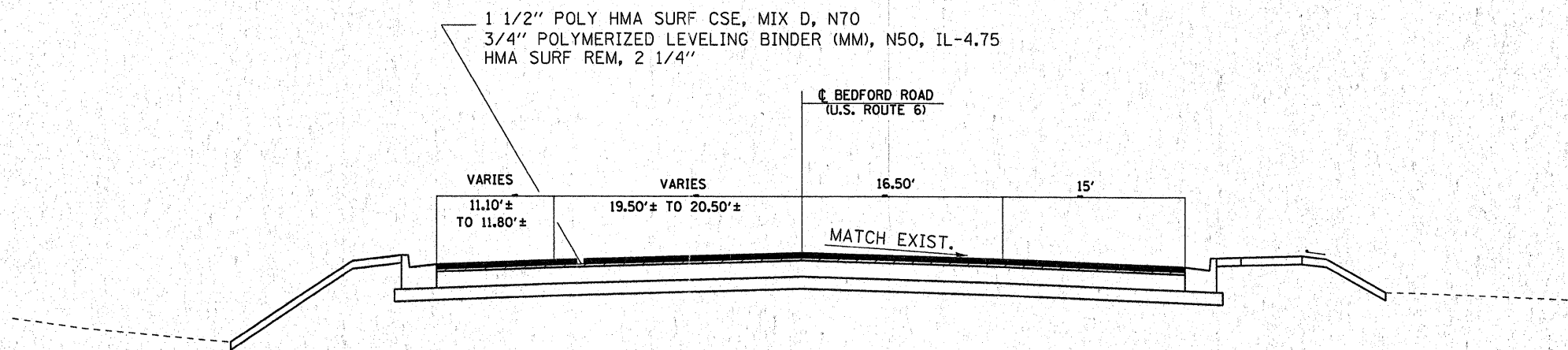
TYPICAL SECTION

STA. 527+16 TO STA. 554+56.21

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		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



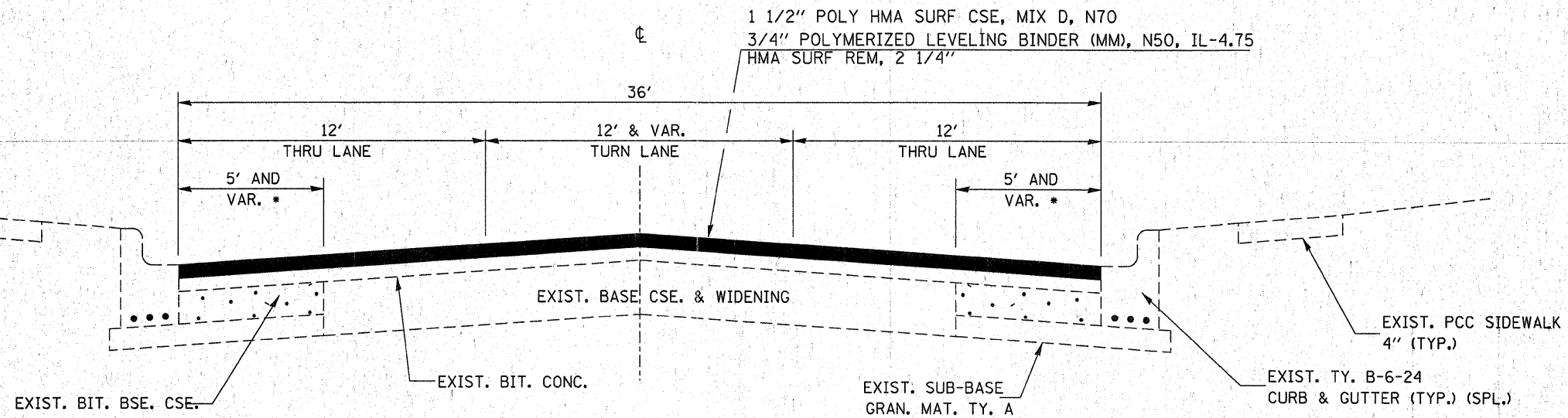
PROPOSED U.S. ROUTE 6
 STA 554+56.21 TO 556+39.45
 STA 558+27.17 TO 560+46.21



PROPOSED U.S. ROUTE 6
 STA 556+39.45 TO 558+27.17*

• EAST FORK NETTLE CREEK BRIDGE
 OMISSION STA 556+59.56 TO STA 558+07.06

FILE NAME =	USER NAME = braboypa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT DATE = 1/6/2012		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



TYPICAL SECTION

STA. 560+46 TO STA. 569+17.21

ENDING TAPER VARIES FROM
0' AT STA. 564+87.67 TO 0' AT STA. 566+63.92 LT. & RT.

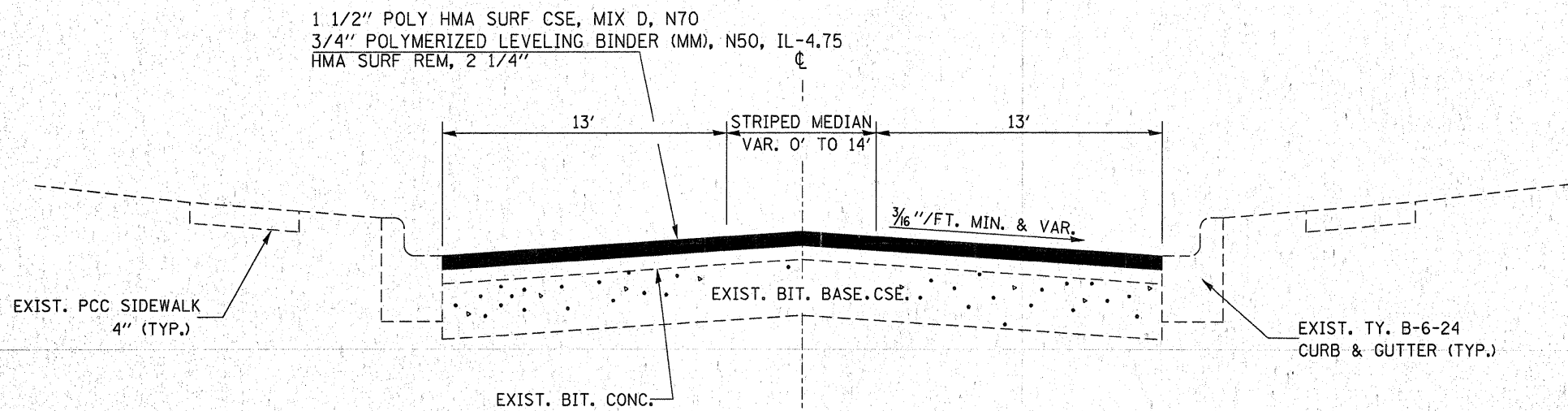
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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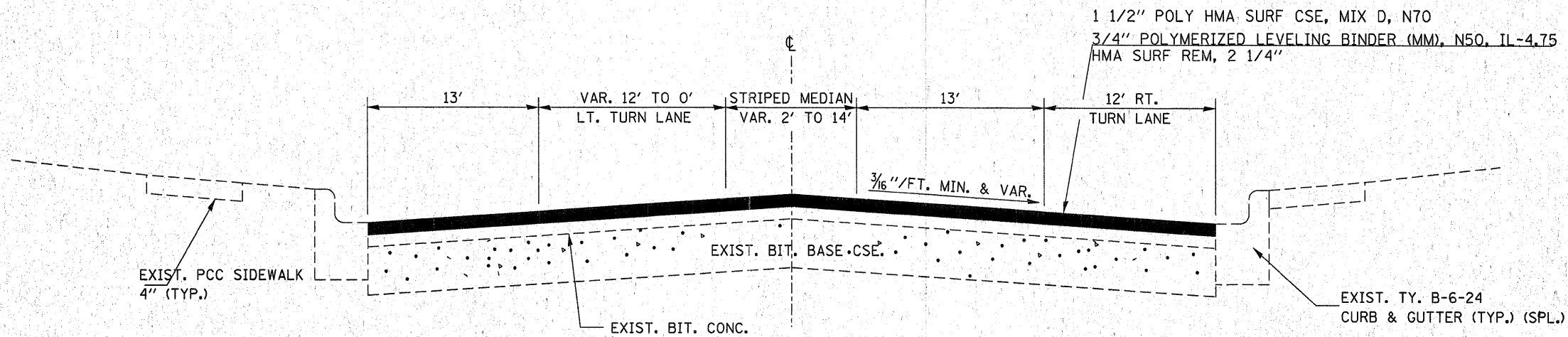
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296	10.P.O.GRS-3	GRUNDY	19	7
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66A75	



TYPICAL SECTION

STA. 569+17.21 TO STA. 573+17.21
 STA. 573+17.21 TO STA. 575+68.64
 (LIBERTY ST. INTERSECTION)

* NOTE:
 TYPICAL X-SECTIONS NOT
 TYPICAL FOR STATIONS
 THROUGH INTERSECTIONS



TYPICAL SECTION

STA. 575+68.64 TO STA. 579+05

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PLOT DATE = 1/6/2012		DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
296	(O,P,Q,G)RS-3	GRUNDY	19	8
CONTRACT NO. 66A75				
ILLINOIS FED. AID PROJECT				

MAINLINE SCHEDULE											
STA. TO STA.		AREA	POLY HMA SURF CSE MIX D N70	POLY LEVEL BINDER (MM)	LEVEL BINDER (HM)	HMA SURF REM 2 1/4"	MIX FOR JTS, CRACKS & FLGWYS	BIT. MAT'L (PR CT)	AGG. (PR CT)	AGG SHLD TY B	TEMP RAMP
		SQ YD	TONS	TONS	TONS	TONS	TONS	GAL	TONS	TONS	TONS
RURAL											
1021+50	889+60	43967	3693.2	1846.6	22.0	43967.0	13.2	5715.7	87.9	2503.0	8.0
RURAL TOTAL		43967	3804	1902	22	43967	13	5716	88	2503	8
URBAN											
889+60	810+00	26533	2228.8	1114.4	13.3	26533.0	8.0	3449.3	53.1	1510.0	8.0
STA EQ 810+00 BK = 421+77 AH AT CENTERLINE OF SARAGOTA ROAD											
421+77	448+76	8997	755.7	377.9	4.5	8997.0	2.7	1169.6	18.0	512.0	8.0
448+76	450+82	OMIT SN 032-0107									
450+82	500+68	16620	1396.1	698.0	8.3	16620.0	5.0	2160.6	33.2	946.0	8.0
500+68	529+50	OMIT									
529+50	554+56	7240	608.1	304.1	3.6	7239.6	2.2	941.1	14.5		8.0
554+56	556+59	1067	89.6	44.8	0.5	1067.0	0.3	138.7	2.1		8.0
556+59	558+08	OMIT SN 032-0108									
558+08	560+46	1141	95.8	47.9	0.6	1141.0	0.3	148.3	2.3		8.0
560+46	569+17	3167	266.0	133.0	1.6	3167.0	1.0	411.7	6.3		
569+17	575+68	3051	256.3	128.1	1.5	3051.0	0.9	396.6	6.1		
575+68	579+05	1947	163.5	81.8	1.0	1947.0	0.6	253.1	3.9		8.0
URBAN TOTAL		69763	6036	3018	35	69763	21	9069	140	2968	56
GRAND TOTALS			9840	4920	57	113730	34	14785	227	5471	64

URBAN/RURAL STA=889+60
 ADDITIONAL LEVELING BINDER QUANTITIES ADDED TO FIX PAVEMENT IRREGULARITIES FROM STA 441+56 TO STA 448+00

PAVEMENT MARKING SCHEDULE																						
LOCATION		THIRMO 4"	THIRMO 6"	THIRMO 8"	THIRMO 12"	THIRMO 24"	EPOXY PVT MK 4"	EPOXY PVT MK 6"	EPOXY PVT MK 12"	LETTERS AND SYM-THERMO SQ FT	LETTERS AND SYM-EPOXY	TEMP MARK 4"	TEMP MARK 6"	TEMP MARK 8"	TEMP MARK 12"	TEMP MARK 24"	TEMP PVT MK LET&SYM SQ FT	SHORT-TERM MARK	WORK ZONE PAVT MARK REM	RAISED REFLECTIVE PVMT MARKERS EACH	REMOVAL RAISED REFLECTIVE PVT MARKERS EACH	
STA	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SO. FT.	SO. FT.	SO. FT.	SO. FT.
RURAL																						
1021+50 TO 889+60	13190						26380.0	3298				26380.0	3297.5					3957.0	439.2	164.9	164.9	
NO PASSING ZONES(1)								2100.0					2100.0									
RURAL TOTAL							26380.0	5397.5				26380.0	5397.5					3957.0	439.2	164.9	164.9	
URBAN																						
889+60 TO 810+00	7960						15920.0	1990.0				15920.0	1990.0					2388.0	265.1	99.5	99.5	
421+77 TO 448+76	2699						5398.0	675.0				5398.0	675.0					809.7	89.9	33.7	33.7	
448+76 TO 450+82	206						412.0	52.0				412.0	52.0					61.8	6.9			
450+82 TO 500+68	4986						9972.0	1247				9972.0	1246.5					1495.8	166.0	62.3	62.3	
500+68 TO 529+50	OMIT																					
529+50 TO 548+86	1936		484									484.0						580.8	64.5			
548+86 TO 560+30*	1144	3378.0	447.0	569.0	364.0	189.0	814.0	83.0	222.0	110.0	16.0	4192.0	530.0	569.0	364.0	189.0	126.0	343.2	38.1	35.0	35.0	
560+30 TO 579+05	1875	5164.0	791.0	797.0	910.0	279.0				202.0		5164.0	791.0	797.0	910.0	279.0	202.0	562.5	62.4	148.0	148.0	
NO PASSING ZONES(1)								6000.0					6000.0									
URBAN TOTAL			8542.0	1722.0	1366.0	1274.0	468.0	32516.0	10046.5	222.0	312.0	16.0	41058.0	11768.5	1366.0	1274.0	468.0	328.0	6241.8	692.8	378.6	378.6
GRAND TOTAL		33996	8542	1722	1366	1274	468	58896	15444	222	312	16	67438	17166	1366	1274	468	328	10199	1132	543	543

(1) R.E. TO VERIFY NO PASSING ZONES PRIOR TO MILLING OPERATION
 *PLACE EPOXY PVT MK ON 032-0108 FROM STA 556+59 TO STA 558+08

FILE NAME =	USER NAME = brebojpc	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\p\work\p\p\dot\brebojpc\d8244830\035475-ahs-cover.dgn	DRAWN -	REVISED -	296			IO,P,O,GRS-3	GRUNDY	19	9	
PLOT SCALE = 55.8685 / 1 in.	CHECKED -	REVISED -	CONTRACT NO. 66A75							
PLOT DATE = 1/6/2012	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
SCALE: _____		SHEET NO. ___ OF ___ SHEETS		STA. _____ TO STA. _____						

SIDE ROAD & ENTRANCES										
NAME	Material	STATION	TYPE	RT/LT**	HMA SURF REM	INCIDENTAL	BIT	AGG	TEMP.	FURN.
					VAR	HMA	MATLS	PR CT	RAMP	EX*
					DEPTH	SURF	PR CT	CT	SO YD	CU YD
					SO YD	TON	GAL	TON	SO YD	CU YD
RURAL	HMA	1017+62	PE	LT	44	4.9	5.7	0.1		
	GRAVEL	1007+27	FE	LT						
	GRAVEL	995+77	FE	RT						
	HMA	989+48	PE	LT	26	2.9	3.4	0.1		
	HMA	989+48	MBTO	RT	12	2.0	2.0	0.1		
	HMA	984+69	PE	LT	25	2.8	3.3	0.1		
	HMA	984+69	MBTO	RT	12	2.0	2.0	0.1		
	CURB	982+07	PE	RT	27	3.0	3.5	0.1		
	GRAVEL	956+94	CE	LT	27	3.0	3.5	0.1		
	GRAVEL	956+09	CE	LT	27	3.0	3.5	0.1		
	GRAVEL	948+86	FE	LT						
	CURB & GUTTER	946+26	PE	RT	27	3.0	3.5	0.1		
	GRAVEL	945+87	PE	LT	49	5.5	6.4	0.1		
	GRAVEL	942+60	PE	LT	49	5.5	6.4	0.1		
	GRAVEL	942+27	PE	RT	31	3.5	4.0	0.1		
	HMA	931+94	PE	RT	34	3.8	4.4	0.1		
	HMA	923+97	PE	RT	38	4.3	4.9	0.1		
	HMA	919+14	PE	LT	34	3.8	4.4	0.1		
	HMA	919+214	MBTO	RT	12	2.0	2.0	0.1		
NETTLE SCHOOL ROAD	HMA	915+96	SIDEROAD	RT	157	17.6	20.4	0.3	8.0	2.0
NETTLE SCHOOL ROAD	HMA	915+96	SIDEROAD	LT	162	18.1	21.1	0.3	8.0	2.0
	HMA	914+52	PE	LT	34	3.8	4.4	0.1		
	CURB & GUTTER	910+48	PE	LT	38	4.3	4.9	0.1		
	GRAVEL	909+79	CE	RT	89	10.0	11.6	0.2		
	CURB & GUTTER	909+53	PE	LT	38	4.3	4.9	0.1		
		902+70	FE	LT						
		902+70	FE	RT						
	HMA	898+96	CE	LT	50	5.6	6.5	0.1		
		892+27	FE	LT						
	GRAVEL	891+72	CE	RT	52	5.8	6.8	0.1		
	GRAVEL	890+71	CE	RT	52	5.8	6.8	0.1		
	HMA	890+71	MBTO	RT	12	2.0	2.0	0.1		
RURAL TOTAL					1146	130	150	3	16	4
URBAN										
	HMA	888+20	PE	RT	34	3.8	4.4	0.1		
	HMA	888+20	MBTO	RT	12	2.0	2.0	0.1		
	HMA	885+97	PE	RT	94	10.5	12.2	0.2		
	HMA	885+97	MBTO	LT	12	2.0	2.0	0.1		
	HMA	876+36	CE	RT	52	5.8	6.8	0.1		
	HMA	874+15	FE	LT		0.0	0.0	0.0		
	HMA	874+46	PE	LT	44	4.9	5.7	0.1		
	HMA	870+43	PE	LT	42	4.7	5.5	0.1		
PIONEER RD	HMA	862+88	SIDEROAD	LT	150	16.8	19.5	0.3	8.0	2.0
	HMA	854+69	PE	LT	87	9.7	11.3	0.2		
	GRAVEL	846+02	FE	RT						
	HMA	836+23	FE	LT		0.0	0.0	0.0		
	GRAVEL	821+83	PE	LT	42	4.7	5.5	0.1		
	GRAVEL	814+67	PE	LT	44	4.9	5.7	0.1		
SARATOGA RD	HMA	810+00 = 421+77	SIDEROAD	LT	186	20.8	24.2	0.4	8.0	2.0
SARATOGA RD	HMA	810+00 = 421+77	SIDEROAD	RT	186	20.8	24.2	0.4	8.0	2.0
		425+32	FE	LT						
	HMA	427+42	PE	LT	90	10.1	11.7	0.2		
	HMA	431+33	PE	LT	39	4.4	5.1	0.1		
		434+69	FE	RT						
		437+00	FE	RT						
		439+39	FE	LT						
	HMA	441+56	CE	RT	143	16.0	18.6	0.3		
	HMA	441+76	PE	LT	148	16.6	19.2	0.3		
	CONCRETE	453+44	CE	LT	89	10.0	11.6	0.2		
	CONCRETE	455+81	FE	LT		0.0	0.0	0.0		
		460+10	FE	LT						
BARRINGTON RD	HMA	460+10	SIDEROAD	RT	168	18.8	21.8	0.3	8.0	2.0
ASHTON RD	HMA	473+78	SIDEROAD	LT	210	23.5	27.3	0.4	8.0	2.0
LOCUST RD	HMA	492+28	SIDEROAD	LT	241	27.0	31.3	0.5	8.0	2.0
	HMA	496+91	CE	RT	75	8.4	9.8	0.2		
	HMA	496+91	CE	LT	75	8.4	9.8	0.2		
	HMA	503+24	CE	RT	OMIT	OMIT	OMIT	OMIT		
EDGEWATER	HMA	508+16	SIDEROAD	LT	OMIT	OMIT	OMIT	OMIT	OMIT	OMIT
EDGEWATER	HMA	508+16	SIDEROAD	RT	OMIT	OMIT	OMIT	OMIT	OMIT	OMIT
	HMA	520+50	CE	LT	OMIT	OMIT	OMIT	OMIT		
LAKWOOD DRIVE	HMA	521+75	SIDEROAD	RT	OMIT	OMIT	OMIT	OMIT	OMIT	OMIT
LAKWOOD DRIVE	HMA	521+75	SIDEROAD	LT	OMIT	OMIT	OMIT	OMIT	OMIT	OMIT
CREEK DR	HMA	531+03	SIDEROAD	LT	207	30.0	26.9	0.4	8.0	
DEERPATH DR	CURB & GUTTER	531+03	SIDEROAD	RT	207	30.0	26.9	0.4	8.0	
PARK BLVD	HMA	539+11	SIDEROAD	RT	207	23.2	26.9	0.4	8.0	
UNION STREET	HMA	553+63	SIDEROAD	RT	337	37.7	43.8	0.7	8.0	
MICHAEL DRIVE	HMA	553+63	SIDEROAD	LT	378	42.3	49.1	0.8	8.0	
LISBON RD.	HMA	561+19	SIDEROAD	LT	225	25.2	29.3	0.5	8.0	
LISBON ST	HMA	562+59	SIDEROAD	RT	235	26.3	30.6	0.5	8.0	
BLACK STREET	HMA	564+87	SIDEROAD	LT	197	22.1	25.6	0.4	8.0	
LIBERTY STREET	HMA	574+60	SIDEROAD	RT	420	47.0	54.6	0.8	8.0	
URBAN TOTAL					4676	539	609	10	120	12
TOTALS					5822	669	759	12	136	16

*PLACE FURNISHED EX AROUND SIDEROAD RADII. THIS AREA TO BE SEEDED, FERTILIZED AND MULCHED- NOT PAID FOR SEPERATELY BUT INCLUDED IN THE COST OF FURNISHED EX
 **RT/LT, FACING EAST
 ALL MAILBOX TURNOUTS TO BE MILLED AND PAVED. ONLY THOSE MBTO ON OPPOSITE SIDE OF ROADS ARE BROKEN OUT ABOVE

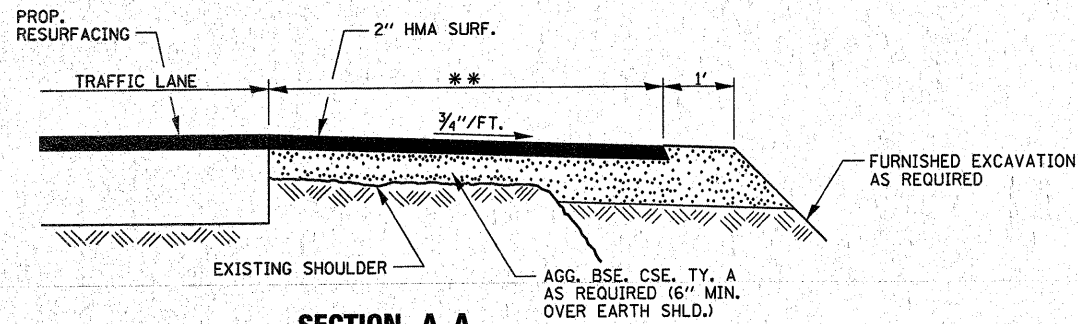
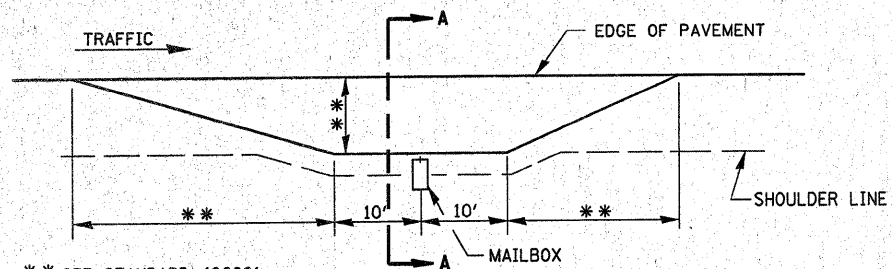
FILE NAME =	USER NAME = braboypo	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
o:\p\work\p\dot\braboypo\d0244836\036675-shr-cover.dgn	PLOT SCALE = 05.0605' / 1in.	DRAWN -	REVISED -					296	(0,P,Q,GRS-3	GRUNDY	19	10
	PLOT DATE = 1/6/2012	CHECKED -	REVISED -					SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____			CONTRACT NO. 66A75	
		DATE -	REVISED -					[ILLINOIS] FED. AID PROJECT				

ADJUSTMENTS		
LOCATION STATION	WATER VALVES TO BE ADJUSTED (EACH)	MANHOLES TO BE ADJUSTED (EACH)
BETWEEN IL 47 AND LIBERTY		2.0
BETWEEN LIBERTY AND BLACK		1.0
BETWEEN BLACK AND LISBON S		1.0
BETWEEN LISBON S AND LISBON N		0.0
BETWEEN LISBON N AND MICHAEL/UNION	1	1.0
SIDEROADS:		
BLACK N		1.0
LISBON N		3.0
MICHAEL		4.0
UNION	3	4.0
TOTALS	4	17

SIDEWALK SCHEDULE FOR NEW RAMP INSTALLATION									
LOCATION SIDE STREET QUAD	STANDARD NUMBER	PCC SIDEWALK 4"	DETECTABLE WARNINGS		CC&G (SPEC) FOOT	SIDEWALK REMOVAL SQ FT	CC&G REMOV (SPEC) FOOT	SOD, SALT TOLERANT SQ YD	SUPPLEMENTAL WATERING UNIT
			US6 ACCESS SQ FT	SIDE ROAD ACCESS SQ FT					
BLACK ST									
NW	424001 >5'	27.0		10.0	12.0	27.0	14.0	8.0	0.22
NE	424001 >5'	30.0		12.0	14.0	30.0	16.0	8.0	0.22
LISBON ST									
SW	424006	35.0		8.0	12.0	35.0	12.0	6.0	0.16
SE*	424006	70.0	10.0	11.0	18.0	70.0	18.0	10.0	0.27
NF	424006	74.0	11.0		9.0	74.0	9.0	4.0	0.11
CR RD27									
NW	424006	60.0		13.0	10.0	60.0	10.0	0.0	0.00
NF	424006	45.0		13.0	10.0	45.0	10.0	6.0	0.16
SW	424016	22.0		10.0	10.0	22.0	10.0		
UNION ST									
SW	424006	50.0		13.0	10.0	50.0	10.0	0.0	0.00
SF	424006	48.0		10.0	9.0	48.0	9.0	6.0	0.16
CRFEK DR									
NW	424016	25.0		10.0	9.0	25.0	9.0	6.0	0.16
NF	424016	25.0		10.0	9.0	25.0	9.0	6.0	0.16
DEFRPATH DR									
SE	424001 >5'	23.0		9.0	9.0	23.0	9.0	6.0	0.16
SW	424001 >5'	40.0		11.0	9.0	40.0	9.0	6.0	0.16
TOTAL(ALL URBAN)		574.0	21.0	140.0	150.0	574.0	154.0	72.0	1.9

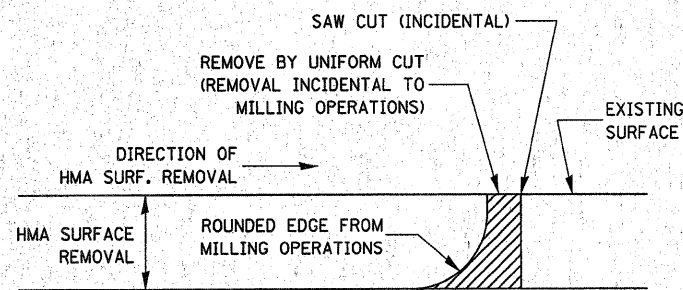
* SE QUADRANT OF LISBON ST. HAS 2 SEPARATE H/C RAMPS

FILE NAME =	USER NAME = braboypc	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT DATE = 1/6/2012	DATE -	CHECKED -	REVISED -			SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____		ILLINOIS FED. AID PROJECT			
						CONTRACT NO. 66A75					



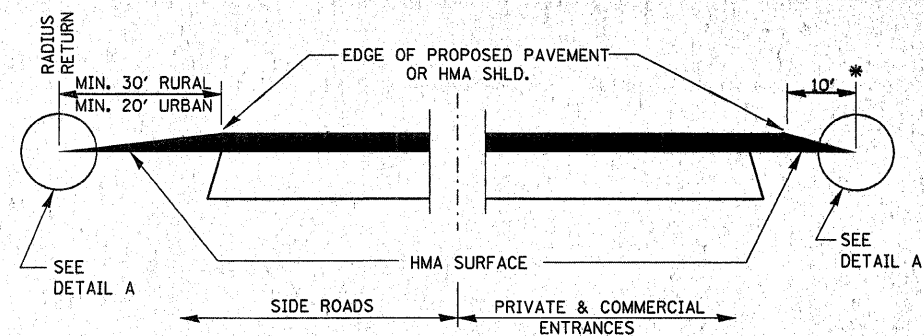
SECTION A-A

RURAL MAILBOX TURNOUT DETAILS

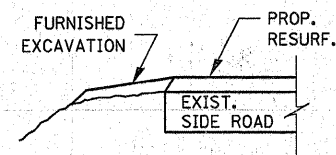


NOTE:
WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE, THEN A SAW CUT SHALL BE USED TO MANUFACTURE A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE USE OF THIS DETAIL

HMA DETAIL AT BUTT JOINTS

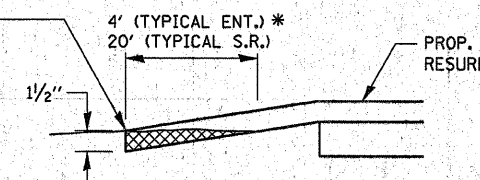


SECTION A-A
DETAILS AT ENTRANCES & SIDE ROADS

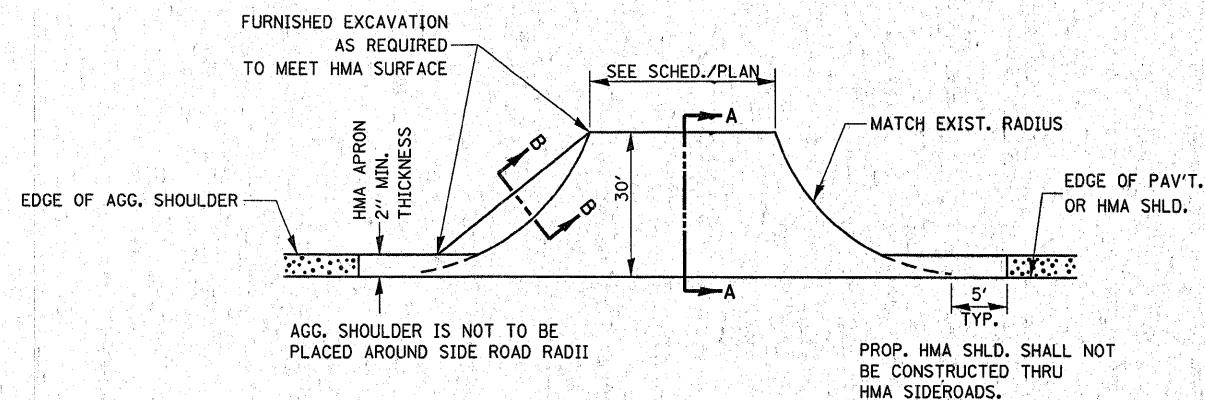


SECTION B-B

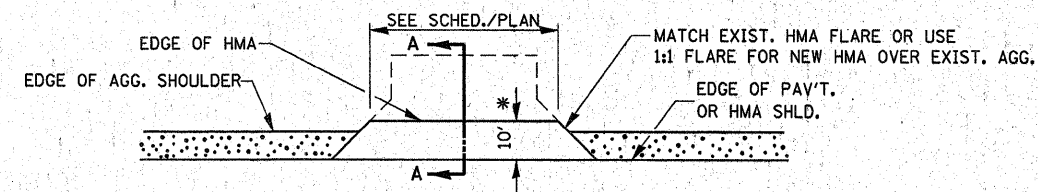
THE COST OF REMOVAL AT EXISTING HMA OR P.C.C. LOCATIONS SHALL BE PAID FOR PER SQ. YD. BY THE APPROPRIATE PAY ITEM. REMOVAL AT THE EXISTING AGG. LOCATIONS SHALL BE INCIDENTAL TO THE HMA. A-3 LOCATIONS SHALL BE FEATHER TAPERED.



DETAIL A



PLAN AT SIDE ROADS



PLAN AT PRIVATE & COMMERCIAL ENTRANCES

(DO NOT RESURFACE FIELD ENTRANCES)

* PROPOSED HMA RESURFACING AT PUBLIC EDUCATIONAL FACILITY ENTRANCES SHALL BE EXTENDED TO THE RIGHT-OF-WAY LIMITS.

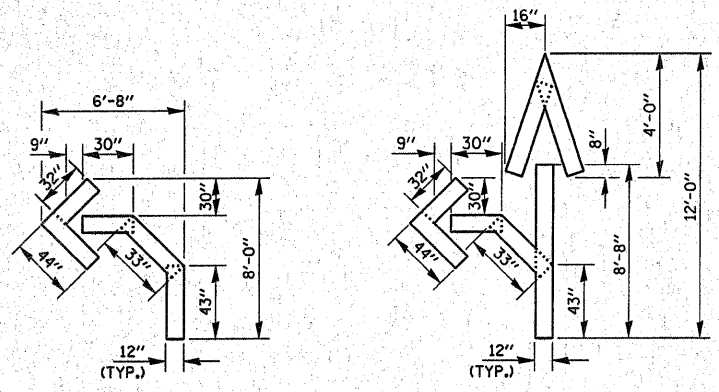
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	PLOT SCALE = 55.9695' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/6/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS

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

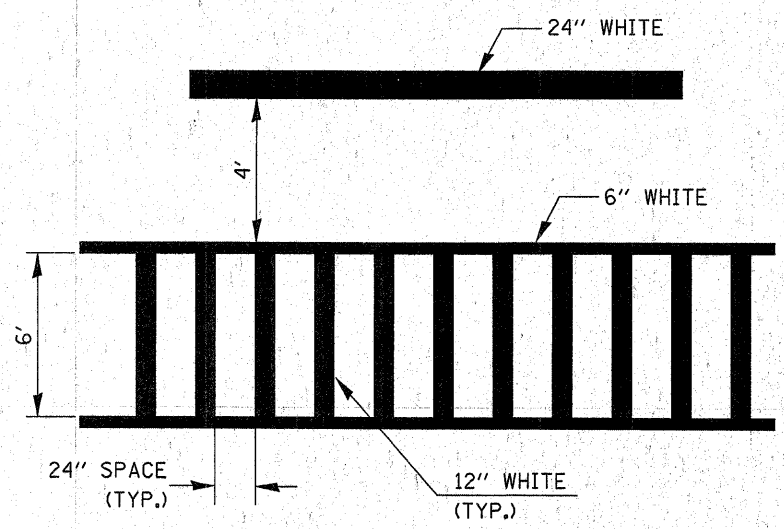
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
296	10,P,0,GRS-3	GRUNDY	19	12
CONTRACT NO. 66A75				
ILLINOIS FED. AID PROJECT				



QUANTITY
 12" LINE = 16 LIN. FT.
 OR 4" LINE = 48 LIN. FT.

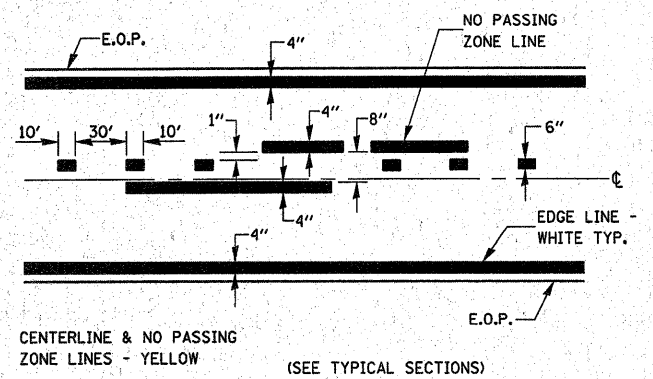
QUANTITY
 12" LINE = 29 LIN. FT.
 OR 4" LINE = 87 LIN. FT.

**SHORT-TERM PAVEMENT MARKING
 FOR ARROWS**



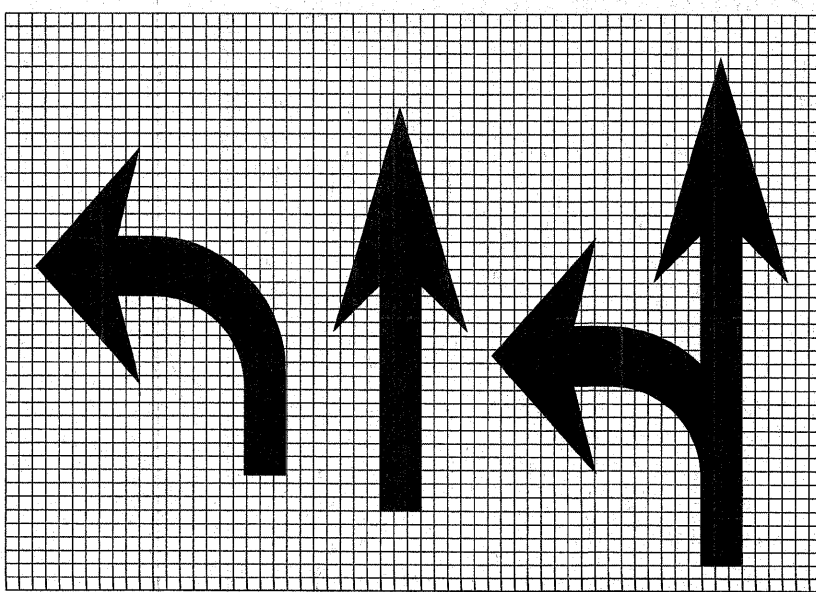
**TYPICAL SPACING DETAIL FOR
 CROSSWALKS AND STOP BARS**

**780-3
 OPTION 2**



CENTERLINE & NO PASSING
 ZONE LINES - YELLOW (SEE TYPICAL SECTIONS)

PAVEMENT MARKING



LEGEND HEIGHT	ARROW SIZE	a
6'	SMALL	2.9
8'	LARGE	3.8

THE SPACE BETWEEN ADJACENT LETTERS OR NUMERALS SHOULD BE APPROXIMATELY 3' FOR 6' LEGEND AND 4' FOR 8' LEGEND.

LETTER AND ARROW GRID SCALE

FILE NAME =	USER NAME = braboyco	DESIGNED -	REVISED -
cr\p\work\p\dot\braboyco\12244830\10386475-sht-cover.dgn		DRAWN -	REVISED -
PLOT SCALE = 55.8685' / in.		CHECKED -	REVISED -
PLOT DATE = 1/6/2012		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

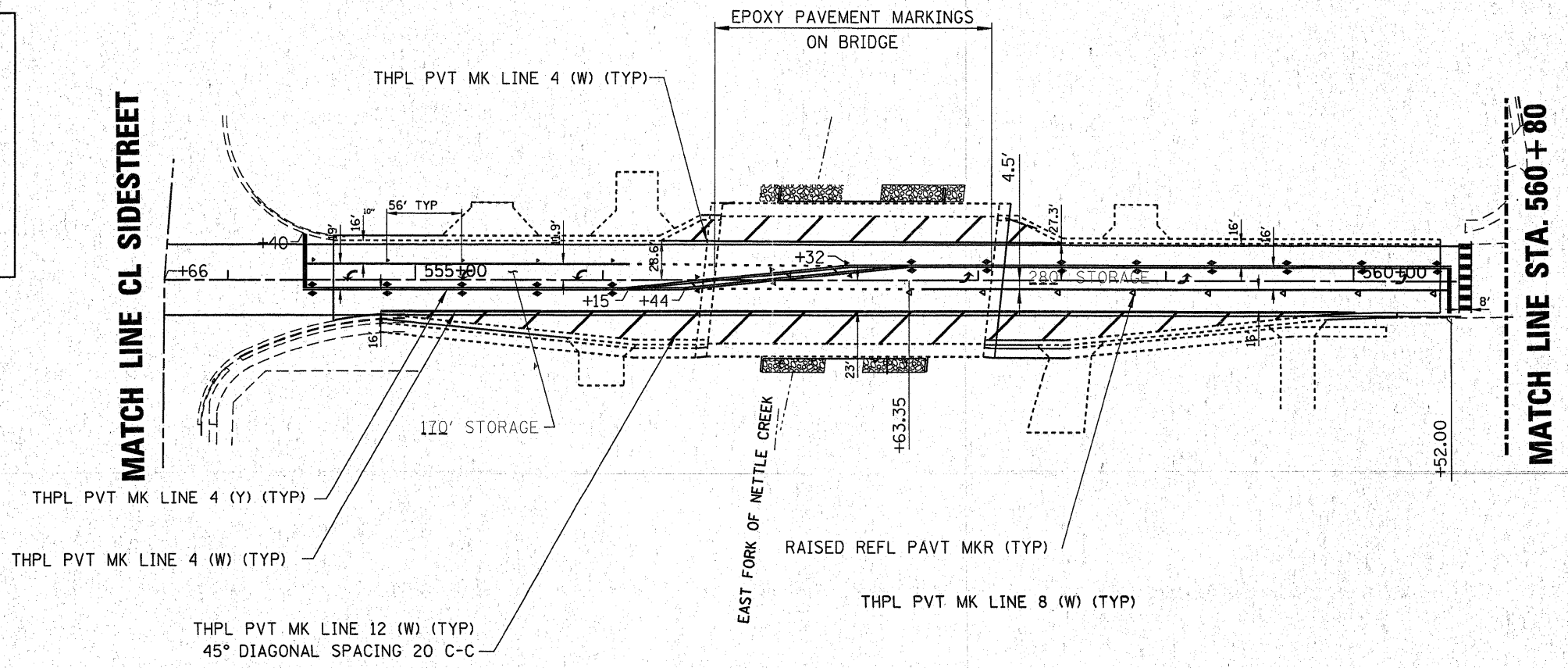
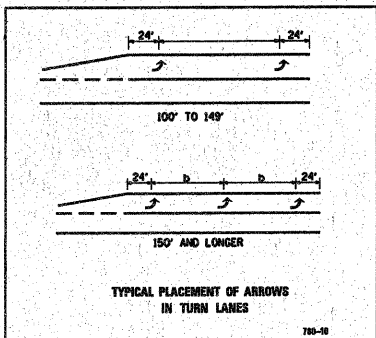
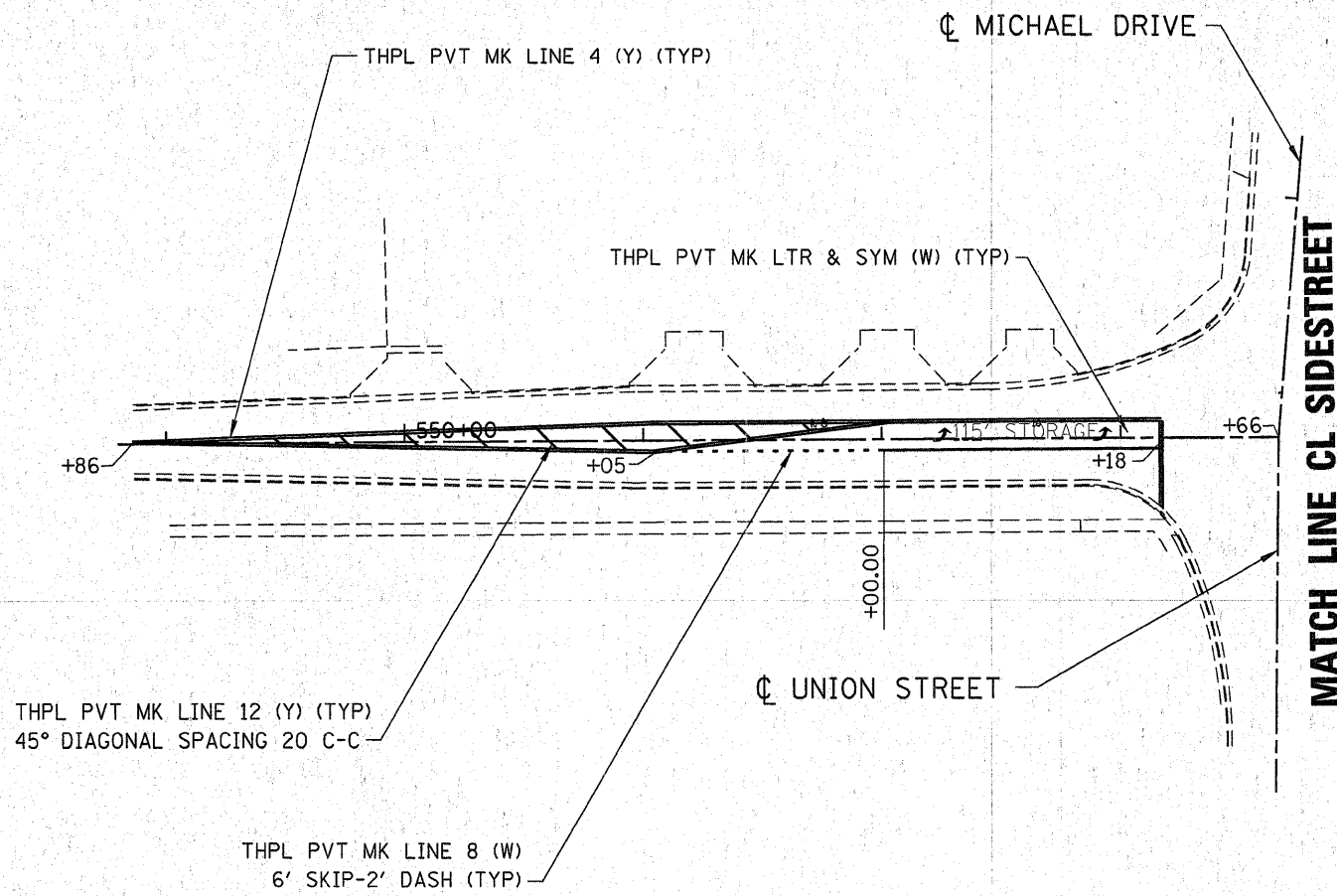
DETAILS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
296	10,P.O.GRS-3	GRUNDY	19	13
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66A75	

LEGEND

- ◀ ◀ ONE-WAY CRYSTAL MARKER
- ◀ ◀ ONE-WAY AMBER MARKER
- ◆ ◆ TWO-WAY AMBER MARKER
- SEE STANDARD 781001



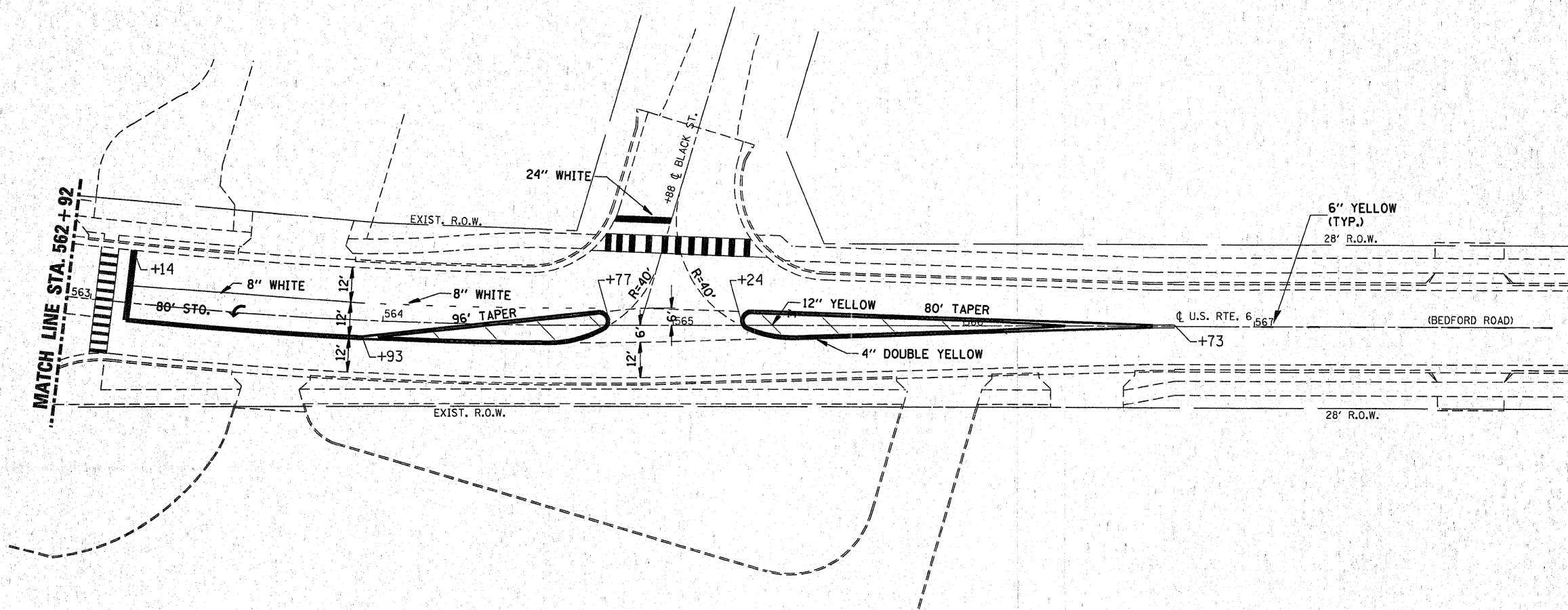
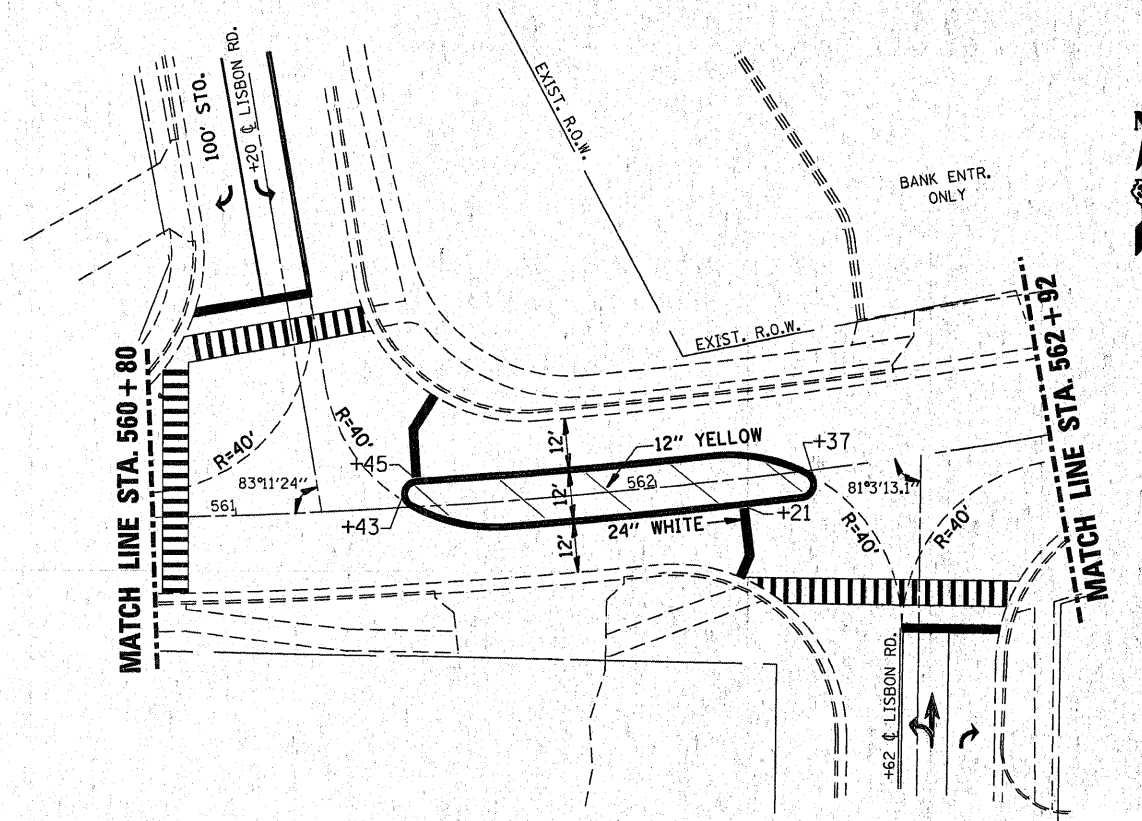
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	PLOT SCALE = 55.8685' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/6/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
296	(O,P,Q,G)RS-3	GRUNDY	19	14
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66A75	



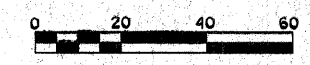
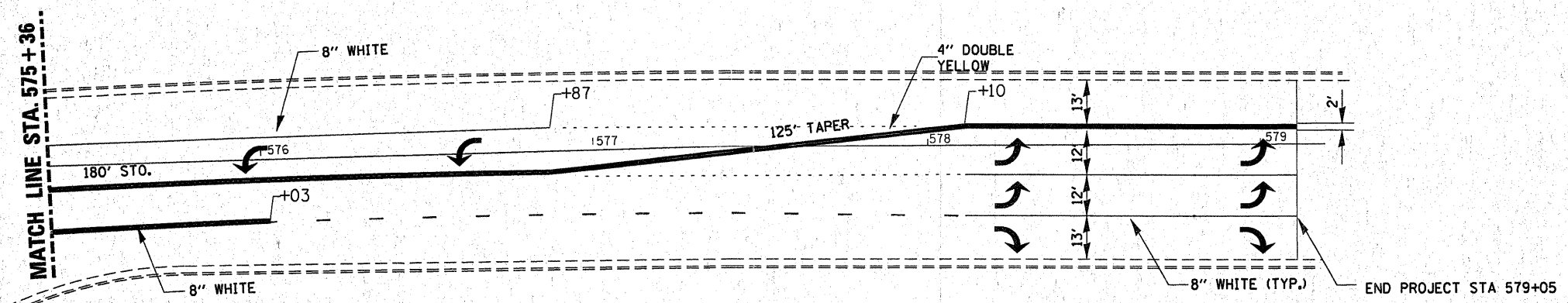
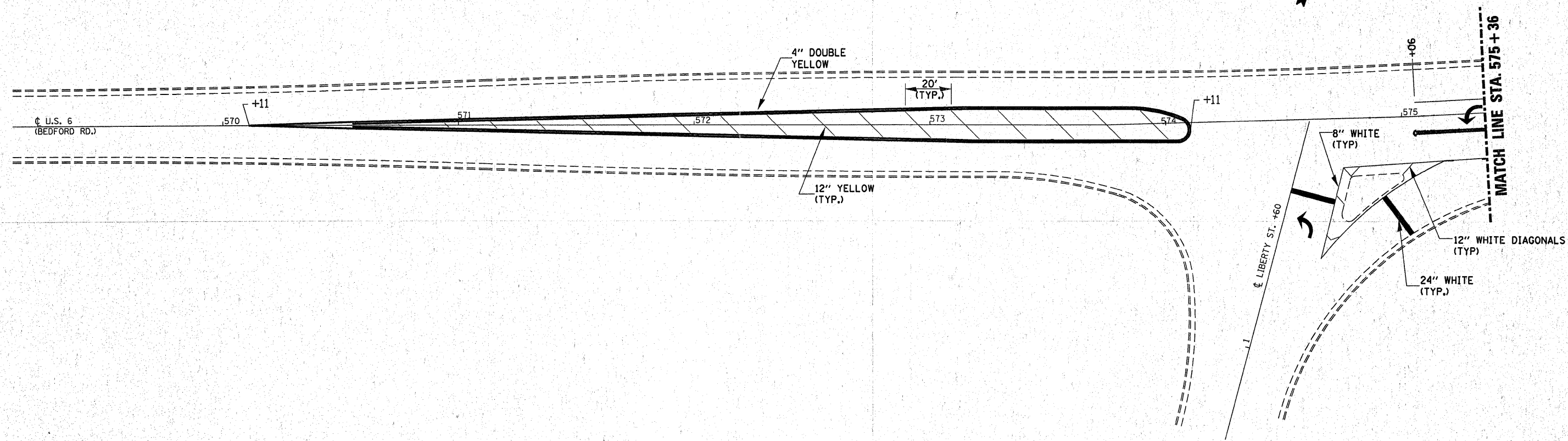
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PLOT SCALE = 55.8685 / 1 in.		CHECKED -	REVISED -
PLOT DATE = 1/6/2012		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
296	10,P.O.GRS-3	GRUNDY	19	16
				CONTRACT NO. 66A75
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = braboypc	DESIGNED -	REVISED -
ca\pwr\work\pwr\dot\braboypc\d0244830\0366A75-sht-cover.dgn		DRAWN -	REVISED -
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PLOT DATE = 1/8/2012		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS

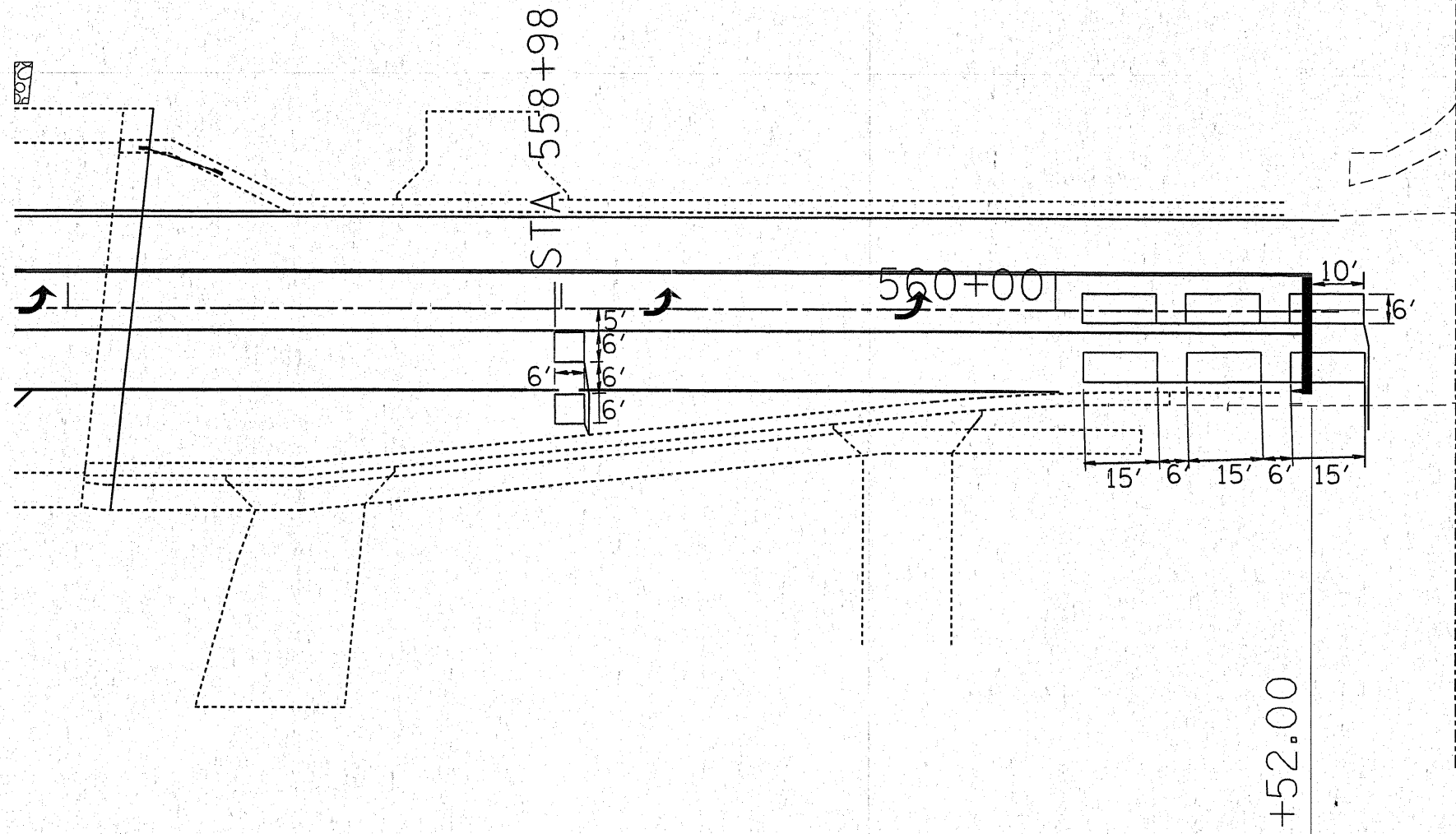
SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
296	(O,P,Q,G)RS-3	GRUNDY	19	16
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66A75	

NOT TO SCALE



- NOTES:
1. PLEASE CONTACT TRAFFIC SIGNAL SECTION FOR PROPOSED DETECTOR LOOP DESIGN AT 815-434-8505 IF ANY OTHER LOOPS ARE DAMAGED.
 2. 4 TURNS REQUIRED ON ALL DETECTOR LOOPS.
 3. DETECTOR LOOPS SHALL BE INSTALLED IN THE LEVELING BINDER PRIOR TO THE SURFACE COURSE.
 4. SAW CUT EXISTING LOOP TO BE ABANDONED



MATCH LINE STA. 560+80

FILE NAME =	USER NAME = breboypa	DESIGNED -	REVISED -
ai\pwwork\pwwork\breboypa\0244838\036275-shr-cover.dgn		DRAWN -	REVISED -
PLOT SCALE = 55.8695' / in.		CHECKED -	REVISED -
PLOT DATE = 1/6/2012		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

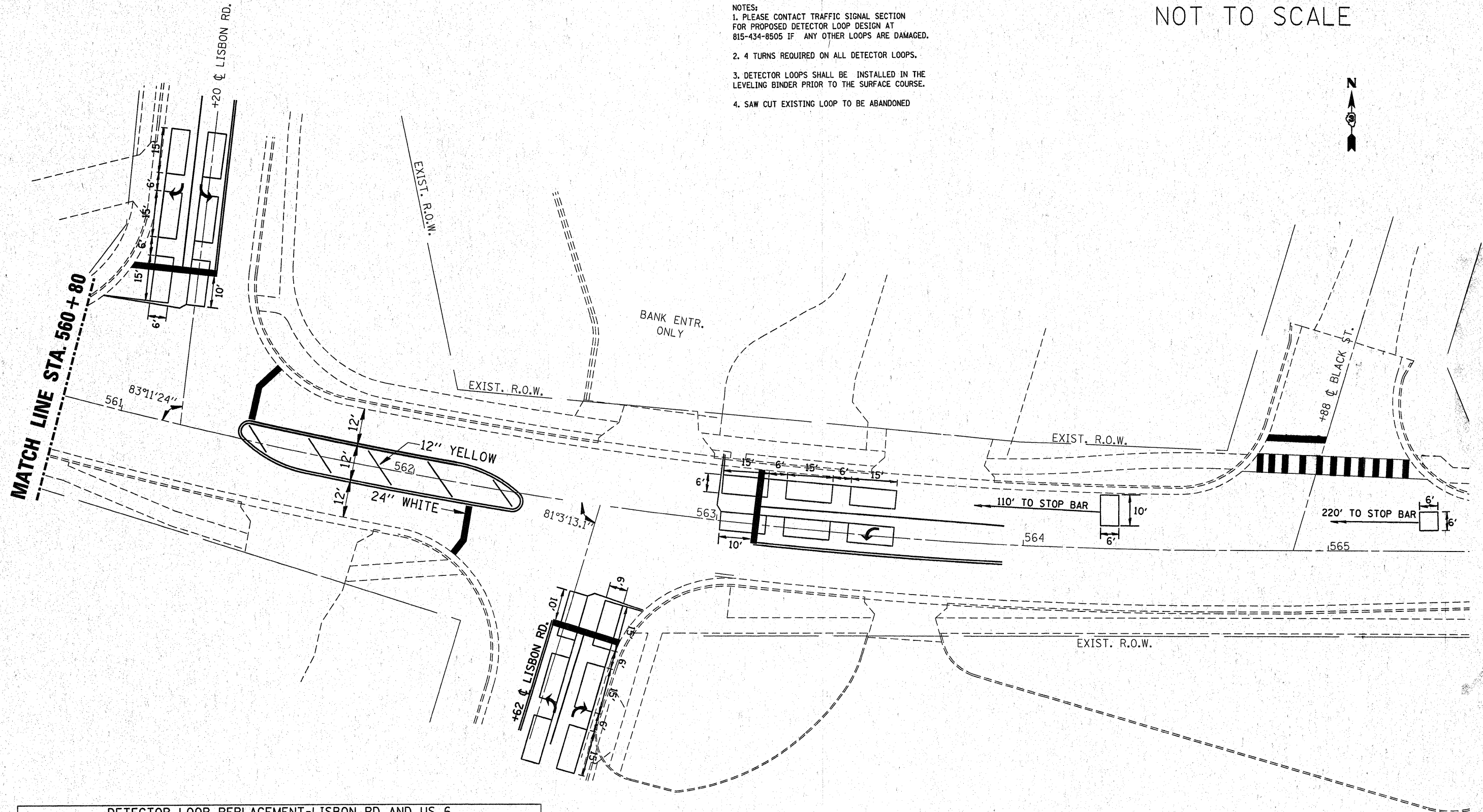
DETECTOR LOOPS LISBON RD

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
296	10,P,0,G)RS-3	GRUNDY	19	18
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66A75	

NOT TO SCALE

- NOTES:
1. PLEASE CONTACT TRAFFIC SIGNAL SECTION FOR PROPOSED DETECTOR LOOP DESIGN AT 815-434-8505 IF ANY OTHER LOOPS ARE DAMAGED.
 2. 4 TURNS REQUIRED ON ALL DETECTOR LOOPS.
 3. DETECTOR LOOPS SHALL BE INSTALLED IN THE LEVELING BINDER PRIOR TO THE SURFACE COURSE.
 4. SAW CUT EXISTING LOOP TO BE ABANDONED



DETECTOR LOOP REPLACEMENT-LISBON RD AND US 6	
DETECTOR LOOP, TYPE 1	
FOOT	
	1512
TOTAL	1512

TOTALS IN THIS TABLE ARE FOR THIS SHEET AND PREVIOUS SHEET

FILE NAME =	USER NAME = braboypc	DESIGNED -	REVISED -
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PLOT DATE = 1/6/2012		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOPS LISBON RD

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
296	(O,P,Q,G)RS-3	GRUNDY	19	19
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66A75	