4-23-10 LETTING ITEM 360

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2370	(1,2)RS-2	PUTNAM	32	1
	ILLINOIS	CONTRACT NO. 68558		

INDEX OF SHEETS

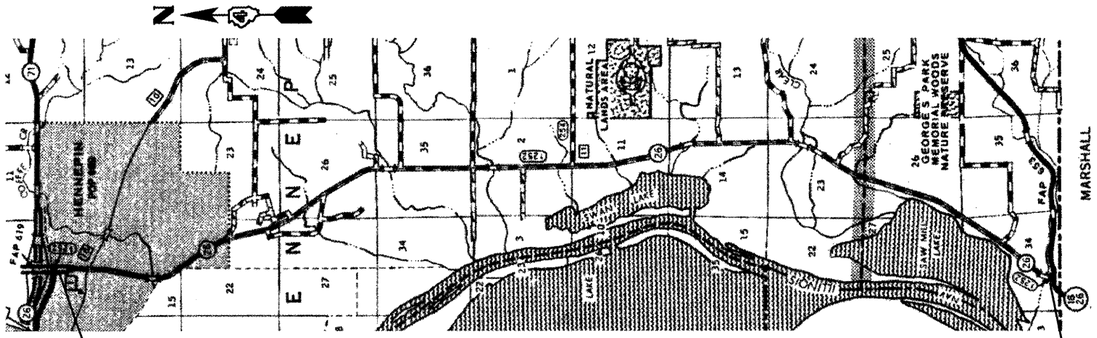
HIGHWAY STANDARDS

482001-02
630001-08
630101-08
631031-08
635001-01
701201-03
701301-03
701306-02
701311-03
701326-03
781001-03
701901-01

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

FAS ROUTE 2370 (IL 26)
SECTION: (1,2)RS-2
COUNTY: PUTNAM
C-94-030-06

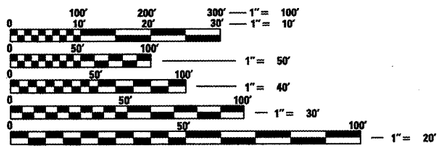


IMPROVEMENT BEGINS STA. 26+85

IMPROVEMENT ENDS STA. 625+82

D-94-025-06

LOCATION OF SECTION INDICATED THUS: –



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

CONTRACT NO. 68558
CATALOG NO. 033184-00D

ADT = 1250 **MU = 4%**

PROJECT DESCRIPTION

THIS PROJECT CONSISTS OF HMA SURFACE REMOVAL .75" AND 1.5", POLY LEVELING BINDER .75", HMA SURFACE COURSE 1.5", NEW SAFETY SHOULDERS, 42" CULVERT LINER, REMOVE AND REPLACE GUARDRAIL, AND OTHER COLLATERAL WORK ON IL 26 FROM JUST SOUTH OF I-180 TO IL 18 IN PUTNAM COUNTY.

GROSS LENGTH = 57,948 FT. = 10.98 MILE
NET LENGTH = 55,737 FT. = 10.56 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED 1/29 20 10
Joseph E. Conners
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
March 19 20 10
Scott E. Stitt, P.E. (KD)
ENGINEER OF DESIGN AND ENVIRONMENT
March 19 20 10
Christine M. Reed (KD)
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

COMMITMENTS

COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN APPROVAL OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE.

NO COMMITMENTS HAVE BEEN MADE ON THIS JOB.

GENERAL NOTES

107.09 PROPERTY OWNER ACCESS REQUIREMENTS

ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09 UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT-TERM CLOSURES.

107.29 WINTER SHUTDOWN RESTRICTIONS ON COLD MILLED PROJECTS

PRIOR TO WINTER SHUTDOWN THE FOLLOWING STEPS SHALL BE TAKEN:

* ALL COLD MILLED SURFACES SHALL BE OVERLAID.

* ALL LANES SHALL BE REOPENED TO TRAFFIC.

* MANHOLES, WHERE APPLICABLE, SHALL BE ADJUSTED TO THE ELEVATION OF THE BINDER COURSE/LEVELING BINDER TO EASE IN PLOWING SNOW, AND RE-ADJUSTED TO FINISHED GRADE IN THE SPRING. THE INITIAL MANHOLE ADJUSTMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE AND ANY RE-ADJUSTMENT, AS DIRECTED BY THE ENGINEER, WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04.

* TEMPORARY OR PERMANENT PAVEMENT MARKING SHALL BE PLACED AS APPLICABLE.

108.02 CRITICAL PATH WORK SCHEDULE REQUIREMENT

THE CONTRACTOR WILL SUBMIT TO THE ENGINEER A SATISFACTORY PROGRESS SCHEDULE AND CRITICAL PATH SCHEDULE WHICH SHALL SHOW THE PROPOSED SEQUENCE OF WORK AT THE TIME OF THE PRE-CONSTRUCTION CONFERENCE.

204.00 ENVIRONMENTAL REVIEWS

PRIOR TO THE USE OF ANY PROPOSED BORROW AREAS, USE AREAS (TEMPORARY ACCESS ROADS, DETOURS, RUN-AROUNDS, ETC.) AND/OR WASTE AREAS, THE CONTRACTOR SHALL FILE THE REQUIRED ENVIRONMENTAL RESOURCE REQUEST SURVEYS ACCORDING TO SECTION 107.22 OF THE STANDARD SPECIFICATIONS. THESE SURVEYS ARE REQUIRED IN ORDER FOR THE DEPARTMENT TO CONDUCT CULTURAL AND BIOLOGICAL RESOURCE SURVEYS FOR THE PROPOSED SITE.

PRIOR TO ANY WASTE MATERIALS BEING REMOVED FROM THE CONSTRUCTION SITE THE REQUIRED ENVIRONMENTAL RESOURCE SURVEYS WILL NEED TO BE OBTAINED AND FILED BY THE CONTRACTOR. EXCESS WASTE PRODUCTS REMOVED FROM THE CONSTRUCTION SITE SHALL BE DISPOSED OF AS REQUIRED IN SECTION 202.03 OF THE STANDARD SPECIFICATIONS.

ANY PROTRUDING METAL BARS SHALL BE REMOVED PRIOR TO THE DISPOSAL OF BROKEN CONCRETE AT APPROVED DISPOSAL SITES.
THE REQUIRED ENVIRONMENTAL RESOURCE DOCUMENTATION SHALL INCLUDE THE FOLLOWING:

* BDE FORM 2289 (ENVIRONMENTAL SURVEY REQUEST)

* A LOCATION MAP SHOWING THE SIZE LIMITS AND LOCATION OF THE USE AREA

* SIGNED PROPERTY OWNER AGREEMENT FORM-D4 PI0100

* COLOR PHOTOGRAPHS DEPICTING THE USE AREA

* BORROW AREA ENTRY AGREEMENT FORM-D4 PI0101

PLEASE NOTE THAT A MINIMUM OF TWO WEEKS SHALL BE ALLOWED FOR THE DISTRICT TO OBTAIN THE REQUIRED ENVIRONMENTAL CLEARANCES.

406.01 BRIDGE OVERLAY NOTIFICATION

AFTER PLACEMENT OF THE BRIDGE DECK OVERLAY, THE RESIDENT ENGINEER SHALL NOTIFY THE DISTRICT BRIDGE MAINTENANCE ENGINEER OF THE "AS CONSTRUCTED" MILLING DEPTH AND OVERLAY THICNESS FOR UPDATING THE ILLINOIS HIGHWAY INFORMATION SYSTEM.

FILE NAME = 0468558-CADD.dgn	USER NAME = tiesmandw	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES
		DRAWN - ---	REVISED - ---		
	PLOT SCALE = 4999.9998 ' / IN.	CHECKED - ---	REVISED - ---		
	PLOT DATE = 1/27/2010	DATE - ---	REVISED - ---		SCALE: --- SHEET NO. -- OF --- SHEETS STA. --- TO STA. ---

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2370	(1,2)RS-2	PUTNAM	32	2
		CONTRACT NO. 68558		
		ILLINOIS FED. AID PROJECT		

406.03 PAVEMENT STATIONING NUMBERS & PLACEMENT

THE CONTRACTOR SHALL PROVIDE LABOR AND MATERIALS REQUIRED TO IMPRINT PAVEMENT STATION NUMBERS IN THE FINISHED SURFACE OF THE PAVEMENT AND/OR OVERLAY. THE NUMBERS SHALL BE APPROXIMATELY [illegible] WIDE, 5 INCHES (125 MM) HIGH AND 5/8 INCH (15 MM) DEEP.

THE PAVEMENT STATION NUMBERS SHALL BE INSTALLED AS SPECIFIED HEREIN:

INTERVAL – 200 FEET (ENGLISH STATIONING) OR 100 METERS (METRIC STATIONING)

BOTTOM OF NUMBERS – 6 INCHES (150 MM) FROM THE INSIDE EDGE OF THE PAVEMENT MARKING

LOCATION:

* 2, 3, & 5 LANE PAVEMENTS – RIGHT EDGE OF PAVEMENT IN DIRECTION OF INCREASING STATIONS

* MULTI–LANE DIVIDED ROADWAYS – OUTSIDE EDGE OF PAVEMENT IN BOTH DIRECTIONS

* RAMPS – ALONG BASELINE EDGE OF PAVEMENT

POSITION – STATIONS SHALL BE PLACED SO THEY CAN BE READ FROM THE ADJACENT SHOULDER

FORMAT – ENGLISH (METRIC) PAVEMENT STATIONS SHALL USE THIS FORMAT *XXX (XX+X00)" WHERE X REPRESENTS THE PAVEMENT STATION.

THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED INCLUDED IN THE COST OF THE ASSOCIATED PAVEMENT AND/OR OVERLAY PAY ITEMS.

406.19 PAVING SURFACE COURSE

CONTINUOUS PAVING OPERATIONS ON THE MAIN ROADWAY SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE HOT–MIX ASPHALT SURFACE. NO INTERRUPTIONS FOR SIDE ROADS, ENTRANCES, TURN LANES, ETC. WILL BE ALLOWED.

542.00 ORDERING LENGTH CONFIRMATION – DRAINAGE ITEMS

THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER IN REGARD TO THE EXACT LENGTH OF THE BOX/PIPE CULVERTS, STORM SEWERS, AND/OR PIPE DRAINS REQUIRED PRIOR TO ORDERING THESE ITEMS.

606.14 TRANSITION PAYMENT METHOD – NEW/OLD CONSTRUCTION

THREE METER (10 FT.)(3M) TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD UNLESS OTHERWISE SHOWN. THE TRANSITION SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.

670.00 ENGINEERS FIELD OFFICE

ADD THE FOLLOWING SENTENCE TO THE END OF PARAGRAPH 670.02 (I) AND 670.04 (E):
ALL OF THE TELEPHONE LINES PROVIDED SHALL HAVE UNPUBLISHED NUMBERS.

406.18 HOT–MIX ASPHALT MIXTURE REQUIREMENTS

Mixture Use(s):	Surface Course	Level Binder 3/4"	Cl D Patches & HMA Binder Cse	HMA Shoulder (Surface Lift)	HMA Shoulder (Lower Lifts)	Incidental Surface Course
AC/PG:	PG 64-22	SBS or SBR 70-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP% (Max): **	15%	10%	25%	30%	30%	15%
Design Air Voids:	4.0% @ N=50	3.0% @ N=50	4.0% @ N=50	3.0% @ N=30	4.0% @ N=30	4.0% @ N=50
Mixture Composition: (Gradation Mixture)	IL 9.5 or IL12.5	IL 4.75	IL 19.0	IL 9.5L	IL 19.0L	IL 9.5 or IL12.5
Friction Aggregate:	Mixture D	N.A.	N.A.	Mixture C	N.A.	Mixture C

* If RAP option is selected, the asphalt cement grade may need to be adjusted, this will be determined by the Materials Engineer.

406.18 BUTT JOINT CUTTING TIME RESTRICTION

BUTT JOINTS SHALL NOT BE MILLED MORE THAN THREE (3) DAYS PRIOR TO PLACEMENT OF THE BITUMINOUS SURFACE COURSE.

FILE NAME = D468558-CADD.dgn	USER NAME = tiesmondv	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - ---	REVISED - ---			2370	(1,2)RS-2	PUTNAM	32	3
	PLOT SCALE = 4999.9998 ' / IN.	CHECKED - ---	REVISED - ---					CONTRACT NO. 68558		
	PLOT DATE = 1/28/2018	DATE - ---	REVISED - ---		SCALE: --- SHEET NO. -- OF --- SHEETS STA. --- TO STA. ---			ILLINOIS FED. AID PROJECT		

JOB SPECIFIC NOTES

TWO WEEKS PRIOR TO STRIPING, CALL BILL HARRMANN OF OPERATIONS AT 309–693–5176. HE WILL HELP MARK OUT NO PASSING ZONES FOR THIS PROJECT. THESE LOCATIONS WILL ALSO ASSIST THE RESIDENT IN DETERMINING WHERE TO PLACE THE PROPOSED RAISED REFLECTIVE PAVEMENT MARKERS. THE MARKERS ARE ONLY TO BE PLACED ON THE CURVES ON 40FT CENTERS.

PROPOSED CONSTRUCTION SEQUENCE FOR MILLING AND PAVING

1. MILL BOTH LANES FOR ENTIRE PROJECT.
2. PLACE IL 4.75 LEVELING BINDER ON BOTH LANES OF THE ENTIRE PROJECT.
3. PAVE UNCONFINED SURFACE COURSE MAT 3" WIDER THAN CENTERLINE ON FIRST LANE OF PAVING.
4. PRIOR TO PAVING RETURN PASS OF SURFACE COURSE IN ADJACENT LANE, MILL 3" OF UNCONFINED SURFACE MAT BACK TO CENTERLINE. THE MILLING EQUIPMENT USED MUST BE CAPABLE OF PRODUCING A STRAIGHT LINE. THE DEPTH OF MILLING MUST BE CONTROLLED SO AS TO NOT SIGNIFICANTLY GOUGE THE UNDERLYING IL 4.75 LEVELING BINDER. THE INTENT IS TO CREATE A VERTICAL FACE AT CENTERLINE TO PROVIDE LATERAL CONFINEMENT OF THE ADJACENT LANE SURFACE COURSE. SKID STEER MOUNTED MILLS WILL NOT BE ALLOWED
5. CLEAN AND PREP SURFACE AS PER ARTICLE 406.05 PRIOR TO PLACEMENT OF HMA.

PROPOSED CONSTRUCTION FOR PAVEMENT DIP BETWEEN STATIONS 475+47 TO 478+53 PAVING

THIS WORK SHALL INCLUDE THE REPAIR OF THE DIP AT THE SOUTH END OF A BOX CULVERT (STRUCTURE NO. 078–2006). THE WORK SHALL CONSIST OF FILLING IN THE LOW AREA USING THE HMA BINDER COURSE PAY ITEM PRIOR TO MILLING OF THE ENTIRE MAINLINE PAVEMENT.

FILE NAME = D468558-CADD.dgn	USER NAME = tiesmandw	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	JOB SPECIFIC NOTES	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - ---	REVISED - ---			2370	(1,2)RS-2	PUTNAM	32	4
	PLOT SCALE = 4999.9998 ' / IN.	CHECKED - ---	REVISED - ---					CONTRACT NO. 68558		
	PLOT DATE = 1/27/2010	DATE - ---------	REVISED - ---		SCALE: ---------- SHEET NO. -- OF --- SHEETS STA. ---------- TO STA. ----------			ILLINOIS FED. AID PROJECT		

Summary of Quantities

Code Order

ROUTE		SECTION	COUNTY	SHEET	
FAS	2370	(1,2)RS-2	PUTNAM	TOTAL	NO.
IL	26			32	5
			CONTRACT NO.	68558	

CONSTRUCTION TYPE CODE	
I000	
100% State	

CODE No.	ITEM	UNIT	Tot.QTY		
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	244	244	
31101000	SUB-BASE GRANULAR MATERIAL, TYPE B	TON	56	56	
40600215	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	TON	78	78	
40600300	AGGREGATE (PRIME COAT)	TON	456	456	
40600826	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	5771	5771	
40600895	CONSTRUCTING TEST STRIP	EACH	1	1	
40600982	HOT - MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	4130	4130	
40600990	TEMPORARY RAMP	SQ YD	608	608	
40603080	HOT - MIX ASPHALT BINDER COURSE, IL - 19.0, N50	TON	136	136	
40603305	HOT - MIX ASPHALT SURFACE COURSE, MIX "C", N30	TON	454	454	

Summary of Quantities

Code Order

ROUTE		SECTION	COUNTY	SHEET	
FAS	2370	(1,2)RS-2	PUTNAM	TOTAL	NO.
IL	26			32	6
			CONTRACT NO.	68558	

CONSTRUCTION TYPE CODE	
I000	
100% State	

	CODE No.	ITEM	UNIT	Tot.QTY		
	40603335	HOT - MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	11907	11907	
	40800050	INCIDENTAL HOT - MIX ASPHALT SURFACING	TON	665	665	
	44000100	PAVEMENT REMOVAL	SQ YD	163	163	
	44000152	HOT - MIX ASPHALT SURFACE REMOVAL, 3/4"	SQ YD	136907	136907	
	44000155	HOT - MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	1928	1928	
	44000400	GUTTER REMOVAL	FOOT	2396	2396	
	48101200	AGGREGATE SHOULDERS, TYPE B	TON	4987	4987	
	48203029	HOT - MIX ASPHALT SHOULDERS, 8"	SQ YD	6779	6779	
	50300300	PROTECTIVE COAT	SQ YD	1262	1262	
	54390250	INSERTION CULVERT LINER 42"	FOOT	61	61	

Summary of Quantities

Code Order

ROUTE		SECTION	COUNTY	SHEET	
FAS	2370	(1,2)RS-2	PUTNAM	TOTAL	NO.
IL	26			32	7
			CONTRACT NO.	68558	

CONSTRUCTION TYPE CODE	
I000	
100% State	

	CODE No.	ITEM	UNIT	Tot.QTY		
	60500060	REMOVING INLETS	EACH	5	5	
✳	63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	1350	1350	
✳	63000003	STEEL PLATE BEAM GUARD RAIL, TYPE A, 9 FOOT POSTS	FOOT	3888	3888	
✳	63100167	TRAFFIC BARRIER TERMINAL,TYPE 1 (SPECIAL) TANGENT	EACH	23	23	
	63200310	GUARDRAIL REMOVAL	FOOT	5626	5626	
	64200105	SHOULDER RUMBLE STRIP	FOOT	24340	24340	
	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	

Summary of Quantities

Code Order

ROUTE		SECTION	COUNTY	SHEET	
FAS	2370	(1,2)RS-2	PUTNAM	TOTAL	NO.
IL	26			32	8
			CONTRACT NO.	68558	

CONSTRUCTION TYPE CODE	
I000	
100% State	

	CODE No.	ITEM	UNIT	Tot.QTY		
	70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1	
	70300100	SHORT-TERM PAVEMENT MARKING	FOOT	23845	23845	
	70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	15.6	15.6	
	70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	58700	58700	
	70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	114849	114849	
	70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	79	79	
	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	2142	2142	
✳	78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	15.6	15.6	
✳	78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	58700	58700	
✳	78005130	EPOXY PAVEMENT MARKING - LINE 6"	FOOT	114849	114849	

(✳)Specialty Item

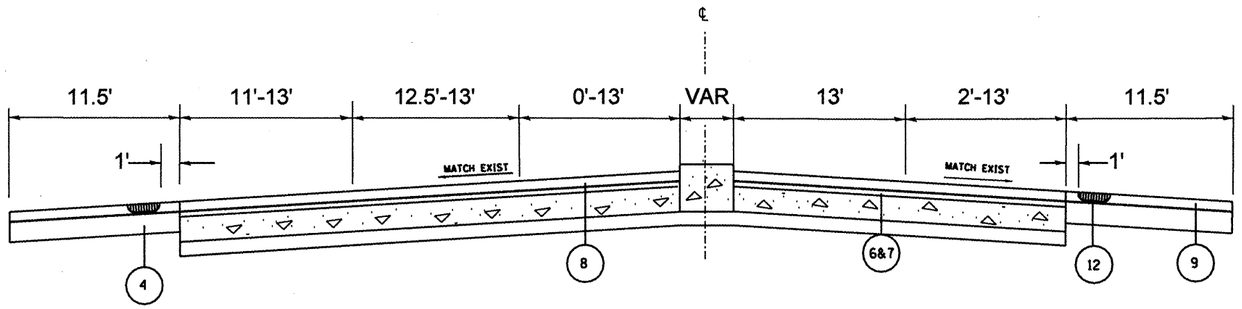
Summary of Quantities

Code Order

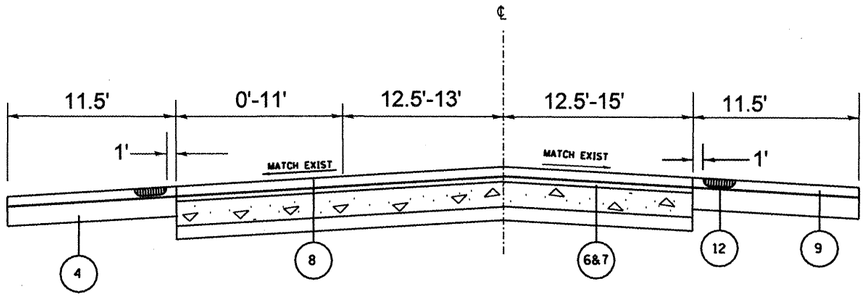
ROUTE		SECTION	COUNTY	SHEET	
FAS	2370	(1,2)RS-2	PUTNAM	TOTAL	NO.
IL	26			32	9
			CONTRACT NO.	68558	

CONSTRUCTION TYPE CODE	
I000	
100% State	

	CODE No.	ITEM	UNIT	Tot.QTY		
✳	78005140	EPOXY PAVEMENT MARKING - LINE 8"	FOOT	79	79	
✳	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	453	453	
✳	78200410	GUARDRAIL MARKERS, TYPE A	EACH	69	69	
✳	78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	23	23	
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	695	695	
	X0301512	GUARDRAIL AGGREGATE EROSION CONTROL	TON	1392	1392	
	X0322729	MATERIAL TRANSFER DEVICE	TON	10868	10868	
	X2503100	MOWING	UNIT	1107	1107	
	XZ013798	CONSTRUCTION STATION LAYOUT	L SUM	1	1	



STA 25+85 - 19+00



STA 19+00 - 15+31.8(BK) = 56+86.8(AH)
STA 15+31.8(BK) = 56+86.8(AH) - 58+02

1. EXISTING AGGREGATE BASE ±14"
2. EXISTING H.M.A. OVERLAY ±5"
3. EXISTING AGGREGATE SHOULDER
4. EXISTING HOT-MIX ASPHALT SHOULDER
5. EXISTING V GUTTER
6. PROPOSED HOT-MIX ASPHALT SURACE REMOVAL .75"
7. PROPOSED POLYMERIZED LEVELING BINDER (MM), IL 4.75, N50 .75"
8. PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50 1.5"
9. PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX C, N30 1.5"
10. PROPOSED AGGREGATE SHOULDERS, TYPE B
11. PROPOSED HOT-MIX ASPHALT SHOULDERS 8"
12. PROPOSED SHOULDER RUMBLE STRIP

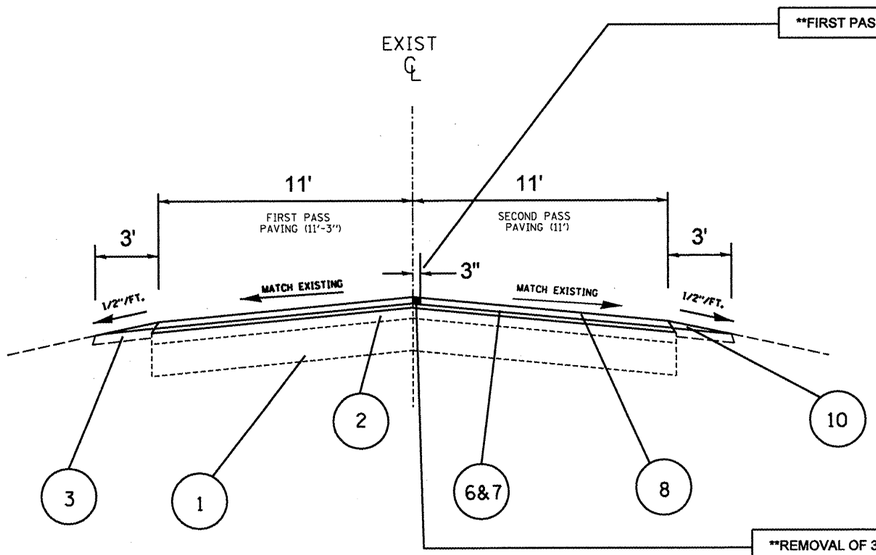
FILE NAME = D468558-CADD.dgn	USER NAME = tiesmandw	DESIGNED - ___	REVISED - ___ _____
		DRAWN - ___	REVISED - ___ _____
	PLOT SCALE = 4999.9998 ' / IN.	CHECKED - ___	REVISED - ___ _____
	PLOT DATE = 1/28/2010	DATE - _____	REVISED - ___ _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

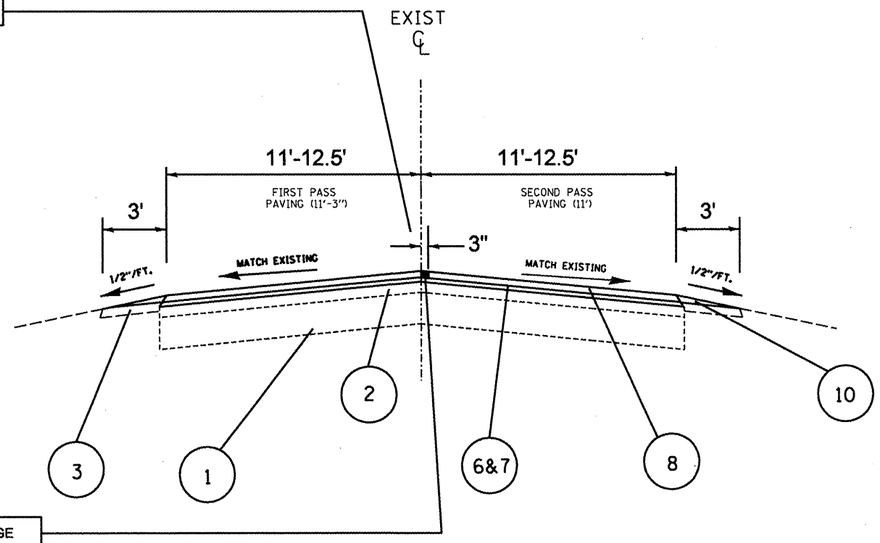
SCALE: _____ | SHEET NO. __ OF ___ SHEETS | STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2370	(1,2)RS-2	PUTNAM	32	10
		CONTRACT NO. 68558		
		ILLINOIS FED. AID PROJECT		



**FIRST PASS OF SURFACE COURSE

**REMOVAL OF 3" SURFACE COURSE WEDGE PRIOR TO 2ND PASS PAVING



STA 58+02 - 60+50

LT & RT STA 60+50 - 71+30
RT STA 187+05 - 189+03
LT & RT STA 189+03 - 239+62
LT STA 239+62 - 240+42
RT STA 244+64 - 245+54
LT & RT STA 245+54 - 294+53
LT & RT STA 295+03 - 460+85
RT STA 466+50 - 467+34
LT & RT STA 467+34 - 474+43
LT & RT STA 474+43 - 474+71
RT STA 478+53 - 479+00
LT & RT STA 479+00 - 620+92
RT STA 620+92 - 621+40

**SEE SPECIAL PROVISION FOR CENTERLINE JOINT TREATMENT.

1. EXISTING AGGREGATE BASE ±14"
2. EXISTING H.M.A. OVERLAY ±5"
3. EXISTING AGGREGATE SHOULDER
4. EXISTING HOT-MIX ASPHALT SHOULDER
5. EXISTING V GUTTER
6. PROPOSED HOT-MIX ASPHALT SURACE REMOVAL .75"
7. PROPOSED POLYMERIZED LEVELING BINDER (MM), IL 4.75, N50 .75"
8. PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50 1.5"
9. PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX C, N30 1.5"
10. PROPOSED AGGREGATE SHOULDERS, TYPE B
11. PROPOSED HOT-MIX ASPHALT SHOULDERS 8"
12. PROPOSED SHOULDER RUMBLE STRIP

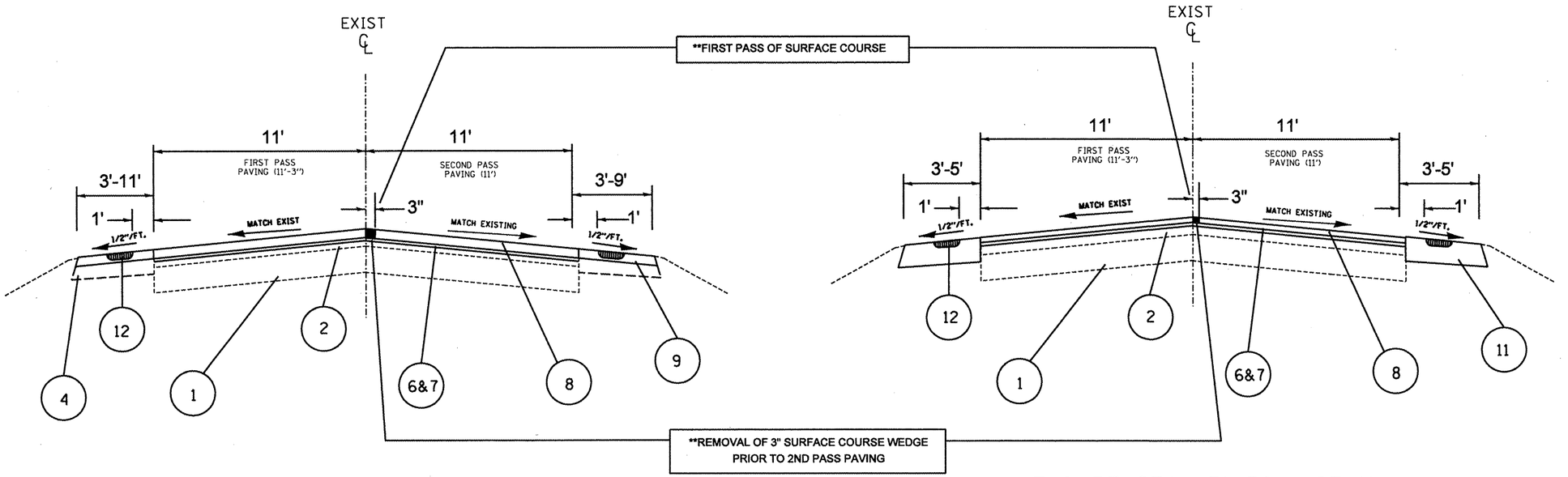
FILE NAME = D468558-CADD.dgn	USER NAME = tlesmandv	DESIGNED - ___	REVISED - ___
		DRAWN - ___	REVISED - ___
	PLOT SCALE = 4999.9998 ' / IN.	CHECKED - ___	REVISED - ___
	PLOT DATE = 1/27/2010	DATE - ___	REVISED - ___

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: ___ | SHEET NO. __ OF ___ SHEETS | STA. ___ TO STA. ___

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2370	(1,2)RS-2	PUTNAM	32	11
		CONTRACT NO. 68558		
		ILLINOIS FED. AID PROJECT		



RT STA 239+62 - 240+42
LT & RT STA 240+42 - 244+64
LT STA 244+64 - 245+54
LT & RT STA 294+53 - 295+03
LT & RT STA 460+85 - 466+50
LT STA 466+50 - 467+34
RT STA 474+43 - 474+71
LT & RT STA 474+71 - 478+53
LT STA 478+53 - 479+00
LT STA 620+92 - 621+40
LT & RT STA 621+40 - 625+82
LT & RT STA 479+00 - 620+92
RT STA 620+92 - 621+40

LT & RT STA 71+30 - 87+11
RT STA 87+11 - 87+40
LT & RT STA 109+00 - 165+30.5
LT STA 165+30.5 - 166+19.5
LT & RT STA 166+19.5 - 179+04
RT STA 179+04 - 180+08
LT & RT STA 180+08 - 187+05
LT STA 187+05 - 189+03

1. EXISTING AGGREGATE BASE ±14"
2. EXISTING H.M.A. OVERLAY ±5"
3. EXISTING AGGREGATE SHOULDER
4. EXISTING HOT-MIX ASPHALT SHOULDER
5. EXISTING V GUTTER
6. PROPOSED HOT-MIX ASPHALT SURACE REMOVAL .75"
7. PROPOSED POLYMERIZED LEVELING BINDER (MM), IL 4.75, N50 .75"
8. PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50 1.5"
9. PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX C, N30 1.5"
10. PROPOSED AGGREGATE SHOULDERS, TYPE B
11. PROPOSED HOT-MIX ASPHALT SHOULDERS 8"
12. PROPOSED SHOULDER RUMBLE STRIP

**SEE SPECIAL PROVISION FOR CENTERLINE JOINT TREATMENT.

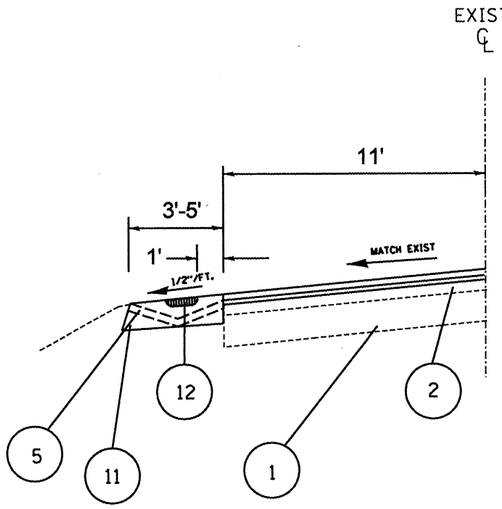
FILE NAME = D468558-CADD.dgn	USER NAME = tsesmandw	DESIGNED - ---	REVISED - ---
		DRAWN - ---	REVISED - ---
	PLOT SCALE = 4999.9998 ' / IN.	CHECKED - ---	REVISED - ---
	PLOT DATE = 1/27/2010	DATE - ---	REVISED - ---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

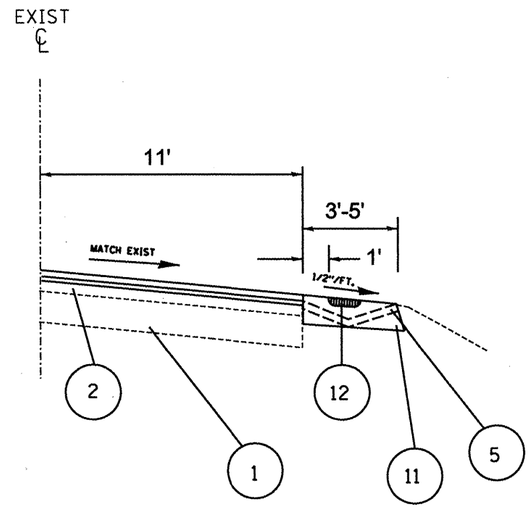
TYPICAL SECTIONS

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2370	(1,2)RS-2	PUTNAM	32	12
		CONTRACT NO. 68558		
		ILLINOIS FED. AID PROJECT		



LT STA 166+13 - 181+33



RT STA 78+35 - 87+11

1. EXISTING AGGREGATE BASE ±14"
2. EXISTING H.M.A. OVERLAY ±5"
3. EXISTING AGGREGATE SHOULDER
4. EXISTING HOT-MIX ASPHALT SHOULDER
5. EXISTING V GUTTER
6. PROPOSED HOT-MIX ASPHALT SURACE REMOVAL .75"
7. PROPOSED POLYMERIZED LEVELING BINDER (MM), IL 4.75, N50 .75"
8. PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50 1.5"
9. PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX C, N30 1.5"
10. PROPOSED AGGREGATE SHOULDERS, TYPE B
11. PROPOSED HOT-MIX ASPHALT SHOULDERS 8"
12. PROPOSED SHOULDER RUMBLE STRIP

FILE NAME = D468558-CADD.dgn	USER NAME = tiesmandw	DESIGNED - ___	REVISED - ___
		DRAWN - ___	REVISED - ___
	PLOT SCALE = 4999.9998 ' / IN.	CHECKED - ___	REVISED - ___
	PLOT DATE = 1/27/2010	DATE - _____	REVISED - ___

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: _____ | SHEET NO. __ OF ___ SHEETS | STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2370	(1,2)RS-2	PUTNAM	32	13
		CONTRACT NO. 68558		
		ILLINOIS FED. AID PROJECT		

TABULATION OF RESURFACING QUANTITIES

LOCATION	TOTAL ROADWAY WIDTH	LENGTH	AREA	H.M.A. SURFACE REMOVAL BUTT JOINT	TEMPORARY RAMP	H.M.A. SURFACE REMOVAL 0.75 IN	H.M.A. SURFACE REMOVAL 1.5 IN	POLY BIT MATERIALS PRIME COAT	AGGREGATE MATERIALS PRIME COAT	POLYMERIZED LEVELING BINDER(MM) IL 4.75 N50	H.M.A. SURFACE COURSE MIX "D", N50	INCIDENTAL H.M.A. SURFACING	HOT MIX ASPHALT SURFACE COURSE MIX C N30				AGGREGATE SHOULDERS TYPE B				HOT-MIX ASPHALT SHOULDERS 8"			
													LEFT AREA	LEFT SIDE	RIGHT AREA	RIGHT SIDE	LEFT AREA	LEFT SIDE	RIGHT AREA	RIGHT SIDE	LEFT AREA	LEFT SIDE	RIGHT AREA	RIGHT SIDE
	FT	FT	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	TON	TON	TON	SQ YD	TON	SQ YD	TON	SQ YD	TON	SQ YD	TON	SQ YD	TON	SQ YD	TON
MAINLINE PAVEMENT																								
STA. 25 + 85 TO 25 + 55	65	30	216.67	216.67	36.11			0.09	0.43	8.95	18.24													
STA. 25 + 55 TO 19 + 00	65 - 39	655	3784.44			3784.44		1.97	11.35	195.32	398.13													
STA. 19 + 00 TO 15 + 32	39 - 25	368	1309.16			1309.16		0.68	3.93	67.61	137.89													
Sta Equ 15+31.8(BK) = 56+86.8(AH)																								
STA. 56 + 87 TO 58 + 02	39 - 25	115	409.60			409.60		0.21	1.23	21.15	43.14													
STA. 58 + 02 TO 60 + 50	25 - 22	248	647.76			647.76		0.34	1.94															
STA. 60 + 50 TO 71 + 30	22	1080	2640.00			2640.00		1.37	7.92	134.29	274.23						442.67	75.62	442.67	75.62				
STA. 71 + 30 TO 77 + 35	22	605	1478.89			1478.89		0.77	4.44	61.18	124.93													
STA. 77 + 35 TO 78 + 35	22	100	244.44			244.44		0.13	0.73	10.11	20.65													
STA. 78 + 35 TO 87 + 10	22	875	2138.89			2138.89		1.11	6.42	88.48	180.69													
STA. 87 + 10 TO 87 + 40	22	30	73.33	73.33	12.22			0.03	0.15	3.03	6.20													
GAP STRUCTURE 078-0046	0	2160																						
STA. 109 + 00 TO 109 + 30	22	30	73.33	73.33	12.22			0.03	0.15	3.03	6.20													
STA. 109 + 30 TO 165 + 13	22	5583	13647.33			13647.33		7.10	40.94	564.55	1152.89													
STA. 165 + 13 TO 166 + 13	22	100	244.44			244.44		0.13	0.73	10.11	20.65													
STA. 166 + 13 TO 179 + 75	22	1362	3329.33			3329.33		1.73	9.99	137.73	281.25													
STA. 179 + 75 TO 187 + 05	22	730	1784.44			1784.44		0.93	5.35	73.82	150.75													
STA. 187 + 05 TO 189 + 03	22	198	484.00			484.00		0.25	1.45	20.02	40.89								66.00	11.28				
STA. 189 + 03 TO 239 + 62	22	5059	12366.44			12366.44		6.43	37.10	511.57	1038.78						1686.33	288.08	1686.33	288.08				
STA. 239 + 62 TO 240 + 42	22	80	195.56			195.56		0.10	0.59	8.09	16.52						26.67	4.56						
STA. 240 + 42 TO 241 + 48	22	106	259.11			259.11		0.14	0.78	10.72	21.89													
STA. 241 + 48 TO 241 + 78	22	30	73.33	73.33	12.22			0.03	0.15	3.03	6.20													
GAP STRUCTURE 078-0037	0	167																						
STA. 243 + 45 TO 243 + 75	22	30	73.33	73.33	12.22			0.03	0.15	3.03	6.20													
STA. 243 + 75 TO 244 + 64	22	89	217.56			217.56		0.11	0.65	9.00	18.38													
STA. 244 + 64 TO 245 + 54	22	90	220.00			220.00		0.11	0.66	9.10	18.59								30.00	5.13				
STA. 245 + 54 TO 294 + 43	22	4889	11950.89			11950.89		6.21	35.85	494.37	1009.58						1629.67	278.40	1629.67	278.40				
STA. 294 + 43 TO 294 + 53	22	10	24.44				24.44	0.01	0.05	1.01	2.07						3.33	0.57	3.33	0.57				
STA. 294 + 53 TO 295 + 03	22	50	122.22				122.22	0.05	0.24	5.06	10.33													
STA. 295 + 03 TO 295 + 13	22	10	24.44				24.44	0.01	0.05	1.01	2.07						3.33	0.57	3.33	0.57				
STA. 295 + 13 TO 407 + 05	22	11192	27358.22			27358.22		14.23	82.07	1131.73	2311.15						3730.67	637.32	3730.67	637.32				
STA. 407 + 05 TO 407 + 15	22	10	24.44				24.44	0.01	0.05	1.01	2.07						3.33	0.57	3.33	0.57				
STA. 407 + 15 TO 407 + 85	22	70	171.11				171.11	0.07	0.34	7.08	14.46						23.33	3.99	23.33	3.99				
STA. 407 + 85 TO 407 + 95	22	10	24.44				24.44	0.01	0.05	1.01	2.07						3.33	0.57	3.33	0.57				
STA. 407 + 95 TO 460 + 85	22	5290	12931.11			12931.11		6.72	38.79	534.92	1092.39						1763.33	301.24	1763.33	301.24				
STA. 460 + 85 TO 462 + 70	22	185	452.22			452.22		0.24	1.36	18.71	38.20													
STA. 462 + 70 TO 463 + 00	22	30	73.33	73.33	12.22			0.03	0.15	3.03	6.20													
GAP STRUCTURE 078-0036	0	200																						
STA. 465 + 00 TO 465 + 30	22	30	73.33	73.33	12.22			0.03	0.15	3.03	6.20													
STA. 465 + 30 TO 466 + 50	22	120	293.33			293.33		0.15	0.88	12.13	24.78													
STA. 466 + 50 TO 467 + 34	22	84	205.33			205.33		0.11	0.62	8.49	17.35								28.00	4.78				
STA. 467 + 34 TO 474 + 43	22	709	1733.11			1733.11		0.90	5.20	71.69	146.41						236.33	40.37	236.33	40.37				
STA. 474 + 43 TO 474 + 71	22	28	68.44			68.44		0.04	0.21	2.83	5.78						9.33	1.59						
STA. 474 + 71 TO 478 + 53	22	382	933.78			933.78		0.49	2.80	38.63	78.88													
STA. 478 + 53 TO 479 + 00	22	47	114.89			114.89		0.06	0.34	4.75	9.71								15.67	2.68				
STA. 479 + 00 TO 620 + 92	22	14192	34691.56			34691.56		18.04	104.07	1435.09	2930.65						4730.67	808.16	4730.67	808.16				
STA. 620 + 92 TO 621 + 40	22	48	117.33			117.33		0.06	0.35	4.85	9.91								16.00	2.73				
STA. 621 + 40 TO 623 + 18	22	178	435.11			435.11		0.23	1.31	18.00	36.76													
STA. 623 + 18 TO 623 + 48	22	30	73.33	73.33	12.22			0.03	0.15	3.03	6.20													
GAP STRUCTURE 078-0034	0	84																						
STA. 624 + 32 TO 624 + 62	22	30	73.33	73.33	12.22			0.03	0.15	3.03	6.20													
STA. 624 + 62 TO 625 + 52	22	90	220.00			220.00		0.11	0.66	9.10	18.59													
STA. 625 + 52 TO 625 + 82	22	30	73.33	73.33	12.22			0.11	0.15	3.03	6.20													
SUB-TOTAL SHEET 1				**877**	**146**	**136,907**	**391**	**72**	**413**	**5,771**	**11,777**						**14,292**	**2,442**	**14,412**	**2,462**				
														TOTAL				TOTAL	**28704**	**4904**		TOTAL		

PRIME COAT CONVERSION FACTORS		
SURFACE TYPE	BIT PR COAT (GAL/SQ YD)	AGG PR COAT (LB/SQ YD)
COLD MILLED SURFACES	0.1	4
EXISTING PAVEMENT	0.05	4
NEW BITUMINOUS COURSES	0.03	2

BITUMINOUS & AGGREGATE CONVERSION FACTORS	
SURFACE TYPE	
BIT. SURF. COURSES	112 LB /SQ YD/IN
ALL OTHER BIT.	112 LB /SQ YD/IN
AGGREGATE SHOULDERS	2.05 TONS/CU YD

FILE NAME = D468558-CADD.dgn	USER NAME = tiesmandw	DESIGNED - ---	REVISED - ---	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**SCHEDULE OF QUANTITIES RESURFACING SCHEDULE SHEET 1 OF 3**	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - ---	REVISED - ---			2370	(1,2)RS-2	PUTNAM	32	14
	PLOT SCALE = 4999.9998 ' / IN.	CHECKED - ---	REVISED - ---					CONTRACT NO. 68558		
	PLOT DATE = 1/27/2010	DATE - ---	REVISED - ---		SCALE: --- SHEET NO. -- OF --- SHEETS STA. --- TO STA. ---			ILLINOIS	FED. AID PROJECT	

TABULATION OF RESURFACING QUANTITIES

LOCATION	TOTAL ROADWAY WIDTH	LENGTH	AREA	BITUMINOUS SURFACE REMOVAL BUTT JOINT	TEMPORARY RAMP	H.M.A. SURFACE REMOVAL 0.75 IN	H.M.A. SURFACE REMOVAL 1.5 IN	POLY BIT MATERIALS PRIME COAT	AGGREGATE MATERIALS PRIME COAT	POLYMERIZED LEVELING BINDER(MM) IL 4.75 N50	H.M.A. SURFACE COURSE MIX "D", N50	INCIDENTAL H.M.A. SURFACING	HOT MIX ASPHALT SURFACE COURSE MIX C N30				AGGREGATE SHOULDERS TYPE B				HOT-MIX ASPHALT SHOULDERS 8"			
													LEFT AREA	LEFT SIDE	RIGHT AREA	RIGHT SIDE	LEFT AREA	LEFT SIDE	RIGHT AREA	RIGHT SIDE	LEFT AREA	LEFT SIDE	RIGHT AREA	RIGHT SIDE
	FT	FT	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	TON	TON	TON	SQ YD	TON	SQ YD	TON	SQ YD	TON	SQ YD	TON	SQ YD	TON	SQ YD	TON
SIDEROADS																								
Hennepin/Florid Road (East)	40 - 120	56	464.76	464.76	44.44			0.19	0.93			39.04					30.74	5.25	26.50	4.53				
Hennepin/Florid Road (West)	26 - 27.5	61.3	332.97	332.97	30.56			0.13	0.67			27.97					25.67	4.39	30.43	5.20				
Umikis Drive (North A)	16.5 - 19	16	72.17	72.17	18.34			0.03	0.14			6.06					7.00	1.20	12.39	2.12				
Umikis Drive (North B)	17 - 18	22	88.00	88.00	20.00			0.04	0.18			7.39					9.27	1.58	9.91	1.69				
Hennepin Farms Road (North)	33 - 36.5	28.25	226.74	226.74	36.66			0.09	0.45			19.05					10.13	1.73	20.47	3.50				
Umikis Drive (South)	44.8 - 48	19.7	101.56					0.23	0.20			8.53					9.84	1.68	12.76	2.18				
Hennepin Farms Road (South)	23.5 - 25.5	27.5	166.03	166.03	28.34			0.07	0.33			13.95					13.21	2.26	14.00	2.39				
675N	33 - 36	25	163.88	163.88	40.00			0.07	0.33			13.77					11.55	1.97	11.79	2.01				
600N (West)	18 - 22	30.5	157.51	157.51	24.44			0.06	0.32			13.23					13.68	2.34	13.27	2.27				
600N (East)	28	23.4	137.18	137.18	31.12			0.05	0.27			11.52					11.93	2.03	10.80	1.84				
550N	20	27.3	133.99	133.99	22.22			0.05	0.27			11.26					12.28	2.10	12.04	2.06				
McNabb Blacktop (CH 11)	22 - 24.5	41.5	275.93	275.93	27.22			0.11	0.55			23.18					19.68	3.36	18.86	3.22				
350N	20	32	186.67	186.67	22.22			0.07	0.37			15.68					13.96	2.38	16.56	2.83				
Clear Creek Road	23 - 24	21.8	102.87	102.87	26.66			0.04	0.21			8.64					11.31	1.93	7.81	1.33				
Taylor Road (North)	21	42.5	112.00	112.00	23.34			0.04	0.22			9.41					21.93	3.75						
Taylor Road (South)	23 - 31	39	131.00	131.00	25.56			0.05	0.26			11.00							21.55	3.68				
Spotted Dutchman Hill Road	30 - 36	25.5	191.17	191.17	40.00			0.08	0.38			16.06					14.00	2.39	14.61	2.50				
PRIVATE ENTRANCES (36)	Variable	Variable	Variable					0.87	8.64			362.88												
MAILBOX TURNOUTS (10)	Variable	Variable	Variable					0.11	1.11			46.70												
3 INCH WEDGE	0.25	55337.00	1537.14				1537.14	0.61	3.07		129.12													
SUB-TOTAL SHEET 2			2,943	461		1,537	3	19	0	129.12	665.32						236.18	40.34	253.75	43.35				
												TOTAL	0	0				TOTAL	490	84		TOTAL	0	0

PRIME COAT CONVERSION FACTORS		
SURFACE TYPE	BIT PR COAT (GAL/SQ YD)	AGG PR COAT (LB/SQ YD)
COLD MILLED SURFACES	0.1	4
EXISTING PAVEMENT	0.05	4
NEW BITUMINOUS COURSES	0.03	2

BITUMINOUS & AGGREGATE CONVERSION FACTORS	
SURFACE TYPE	
BIT. SURF. COURSES	112 LB /SQ YD/IN
ALL OTHER BIT.	112 LB /SQ YD/IN
AGGREGATE SHOULDERS	2.05 TONS/CUYD

FILE NAME = D468558-CADD.dgn

USER NAME = tiesmandw

PLOT SCALE = 4999.9998 ' / IN.

PLOT DATE = 1/27/2010

DESIGNED - ___ REVISED - ___

DRAWN - ___ REVISED - ___

CHECKED - ___ REVISED - ___

DATE - _____ REVISED - ___

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
RESURFACING SCHEDULE SHEET 2 OF 3

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2370	(1,2)RS-2	PUTNAM	32	15
		CONTRACT NO. 68558		
		ILLINOIS FED. AID PROJECT		

TABULATION OF RESURFACING QUANTITIES

LOCATION	TOTAL SHOULDER WIDTH	LENGTH	AREA	BITUMINOUS SURFACE REMOVAL BUTT JOINT	TEMPORARY RAMP	H.M.A. SURFACE REMOVAL 0.75 IN	H.M.A. SURFACE REMOVAL 1.5 IN	POLY BIT MATERIALS PRIME COAT	AGGREGATE MATERIALS PRIME COAT	POLYMERIZED LEVELING BINDER(MM) IL 4.75 N50	H.M.A. SURFACE COURSE MIX "D", N50	INCIDENTAL H.M.A. SURFACING	HOT MIX ASPHALT SURFACE COURSE MIX C N30				AGGREGATE SHOULDERS TYPE B				HOT MIX ASPHALT SHOULDERS 8"			
													LEFT AREA	LEFT SIDE	RIGHT AREA	RIGHT SIDE	LEFT AREA	LEFT SIDE	RIGHT AREA	RIGHT SIDE	LEFT AREA	LEFT SIDE	RIGHT AREA	RIGHT SIDE
	FT	FT	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	TON	TON	TON	SQ YD	TON	SQ YD	TON	SQ YD	TON	SQ YD	TON	SQ YD	TON	SQ YD	TON
EXIST BITUMINOUS SHOULDERS																								
LT & RT STA. 25+85 TO 15+31.8	11.50	2106.40	2691.32	76.67				0.04	5.38				1345.75	113.66	1345.75	113.66								
Sta Equ 15+31.8(BK) = 56+86.8(AH)																								
LT & RT STA. 56+86.8 TO 58+02	11.50	230.40	294.40					0.06	0.59				147.20	12.43	147.20	12.43								
RT STA 239+62 TO 240+42	7.00	80.00	62.22					0.01	0.12						62.22	5.27								
LT & RT STA 240+42 TO 241+48	7.00	212.00	164.89					0.03	0.33				94.22	7.98	82.44	6.99								
LT & RT STA 241+48 TO 241+78	7.00	60.00	46.67	46.67				0.01	0.09				26.67	2.26	23.33	1.98								
LT & RT STA 243+45 TO 243+75	7.00	60.00	46.67	46.67				0.04	0.09				26.67	2.26	23.33	1.98								
LT & RT STA 243+75 TO 244+64	7.00	178.00	138.44					0.03	0.28				79.11	6.70	69.22	5.87								
LT STA 244+64 TO 245+54	7.00	90.00	70.00					0.01	0.14				80.00	6.77										
LT & RT STA 294+53 TO 295+03	7.00	100.00	77.78					0.02	0.16				44.44	3.76	38.89	3.30								
LT & RT STA 460+85 TO 462+70	6.00	370.00	246.67					0.05	0.49				123.33	10.47	123.33	10.47								
LT & RT STA 462+70 TO 463+00	6.00	60.00	40.00	40.00				0.02	0.08				20.00	1.70	20.00	1.70								
LT & RT STA 465+00 TO 465+30	6.00	60.00	40.00	40.00				0.02	0.08				20.00	1.70	20.00	1.70								
LT & RT STA 465+30 TO 466+50	6.00	240.00	160.00					0.03	0.32				80.00	6.79	80.00	6.79								
LT STA 466+50 TO 467+34	6.00	84.00	56.00					0.01	0.11				56.00	4.75										
RT STA 474+43 TO 474+71	9.00	28.00	28.00					0.01	0.06						28.00	2.37								
LT & RT STA 474+71 TO 478+53	10.00	764.00	848.89					0.17	1.70				466.89	39.44	382.00	32.31								
LT STA 478+53 TO 479+00	11.00	47.00	57.44					0.01	0.11				57.44	4.85										
LT STA 620+92 TO 621+40	3.00	48.00	16.00					0.01	0.03				16.00	1.37										
LT & RT STA 621+40 TO 623+18	3.00	356.00	118.67					0.02	0.24				59.33	5.09	59.33	5.09								
LT & RT STA 623+18 TO 623+48	3.00	60.00	20.00	20.00				0.01	0.04				10.00	0.86	10.00	0.86								
LT & RT STA 624+32 TO 624+62	3.00	60.00	20.00	20.00				0.01	0.04				10.00	0.86	10.00	0.86								
LT & RT STA 624+62 TO 625+52	3.00	180.00	60.00					0.01	0.12				30.00	2.57	30.00	2.57								
LT & RT STA 625+52 TO 625+82	3.00	60.00	20.00	20.00				0.01	0.04				10.00	0.86	10.00	0.86								
NEW HOT MIX ASPHALT SHOULDERS																								
LT STA 71+30 TO 87+11	3.00	1581.00	527.00					0.13	1.05												527.00	236.10		
RT STA 71+30 TO 77+35	3.00	605.00	201.67					0.05	0.40														201.67	90.35
RT STA 77+35 TO 78+35	3.00 - 5.00	100.00	44.44					0.01	0.09														44.44	19.91
RT STA 78+35 TO 87+40	5.00	905.00	502.77					0.12	1.01														502.78	225.25
LT STA 109+00 TO 165+13	3.00	5613.00	1871.00					0.45	3.74												1871.00	838.21		
LT STA 165+13 TO 166+13	3.00 - 5.00	100.00	44.44					0.01	0.09												44.44	19.91		
LT STA 166+13 TO 179+04	5.00	1291.00	717.22					0.17	1.43												717.22	321.31		
LT STA 180+08 TO 189+03	3.00	895.00	298.33					0.07	0.60												298.33	133.65		
RT STA 109+00 TO 165+30.5	3.00	5630.50	1876.83					0.45	3.75														1876.50	840.67
RT STA 166+19.5 TO 187+05	3.00	2085.50	695.17					0.17	1.39														695.50	311.58
SUB-TOTAL SHEET 3				310.01	0.00	0.00	0.00	2.27	24.19	0.00	0.00	0.00	2,803.05	237.13	2,565.04	217.06	0.00	0.00	0.00	0.00	3,457.99	1,549.18	3,320.89	1,487.76
SUB-TOTAL (FROM SHEET 1 OF 3)				876.67	146.11	136,906.74	391.09	71.81	413.28	5,770.59	11,777.39		0.00	0.00	0.00	0.00	14,292.33	2,441.61	14,412.00	2,462.05	0.00	TOTAL	0.00	0.00
SUB-TOTAL (FROM SHEET 2 OF 3)				2,942.87	461.12		1,537.14	2.99	18.90	0.00	129.12	665.32	0.00	0.00	0.00	0.00	236.18	40.34	253.75	43.35	0.00	0.00	0.00	0.00
GRAND-TOTAL				**4,130**	**608**	**136,907**	**1,928**	**78**	**456**	**5,771**	**11,907**	**665**	**2,803**	**237**	**2,565**	**217**	**14,529**	**2,482**	**14,666**	**2,505**	**3,458**	**1,549**	**3,321**	**1,488**
														TOTAL	**5368**	**454**		TOTAL	**29194**	**4987**		TOTAL	**6779**	**3037**

PRIME COAT CONVERSION FACTORS		
SURFACE TYPE	BIT PR COAT (GAL/SQ YD)	AGG PR COAT (LB/SQ YD)
COLD MILLED SURFACES	0.1	4
EXISTING PAVEMENT	0.05	4
NEW BITUMINOUS COURSES	0.03	2

BITUMINOUS & AGGREGATE CONVERSION FACTORS	
SURFACE TYPE	
BIT. SURF. COURSES	112 LB /SQ YD/IN
ALL OTHER BIT.	112 LB /SQ YD/IN
AGGREGATE SHOULDERS	2.05 TONS/CUYD

FILE NAME = D468558-CADD.dgn

USER NAME = tiosmandw

PLOT SCALE = 4999.9998 ' / IN.

PLOT DATE = 1/27/2010

DESIGNED - ___

DRAWN - ___

CHECKED - ___

DATE - _____

REVISED - ___ _____

REVISED - ___ _____

REVISED - ___ _____

REVISED - ___ _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
RESURFACING SCHEDULE SHEET 3 OF 3

SCALE: _____ | SHEET NO. __ OF ___ SHEETS | STA. _____ TO STA. _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2370	(1,2)RS-2	PUTNAM	32	16
		CONTRACT NO. 68558		
		ILLINOIS FED. AID PROJECT		

GUTTER REMOVAL	
LOCATION	FOOT
Rt Sta 78+35 to 87+11	876
Lt Sta 166+13 to 181+33	1520
TOTAL	2,396

REMOVING INLETS	
LOCATION	EACH
Rt Sta 85+85	1
Rt Sta 81+98	1
Lt Sta 166+16	1
Lt Sta 170+08	1
Lt Sta 174+13	1
TOTAL	5

INSERTION CULVERT LINER 42"	
LOCATION	FOOT
CL Sta. 392+64	61
TOTAL	61

SUB-BASE GRANULAR MATERIAL, TYPE B	
LOCATION	TON
Umikas Drive CL Lt. Sta 179+50	56
TOTAL	56

H.M.A. BINDER COURSE. IL 19.0, N50	
LOCATION	TON
Umikas Drive CL Lt. Sta 179+50	73
STA 475+47 TO STA 478+53	63
TOTAL	136

PAVEMENT REMOVAL	
LOCATION	SQ YD
Umikas Drive CL Lt. Sta 179+50	163
TOTAL	163

MOBILIZATION	
LOCATION	L SUM
JOBSITE	1
TOTAL	1

MATERIAL TRANSFER DEVICE	
LOCATION	TON
MAINLINE SURFACE	10868
TOTAL	10,868

SHOULDER RUMBLE STRIP	
LOCATION	FOOT
EXISTING HMA SHOULDERS	
Lt & Rt Sta 25+85 to 58+02	2336.8
Rt Sta 239+62 to 240+42	80
Lt & Rt Sta 240+42 to 241+78	272
Lt & Rt Sta 243+45 to 244+64	238
Lt Sta 244+64 to 245+54	90
Lt & Rt Sta 294+53 to 295+03	100
Lt & Rt Sta 460+85 to 463+00	430
Lt & Rt Sta 465+00 to 466+50	300
Lt Sta 466+50 to 467+34	84
Rt Sta 474+43 to 478+53	410
Lt Sta 474+71 to 479+00	429
Lt Sta 620+92 to 621+40	48
Lt & Rt Sta 621+40 to 623+48	416
Lt & Rt Sta 624+32 to 625+82	300
NEW HMA SHOULDERS	
Lt Sta 71+30 to 87+11	1581
Rt Sta 71+30 to 87+40	1610
Lt Sta 109+00 to 179+04	7004
Lt Sta 180+08 to 189+03	895
Rt Sta 109+00 to 165+30.5	5630.5
Rt Sta 166+19.5 to 187+05	2085.5
TOTAL	24,340

TRAFFIC CONTROL AND PROTECTION STANDARD 701201	
LOCATION	L SUM
JOBSITE	1
TOTAL	1

TRAFFIC CONTROL AND PROTECTION STANDARD 701306	
LOCATION	L SUM
JOBSITE	1
TOTAL	1

TRAFFIC CONTROL AND PROTECTION STANDARD 701326	
LOCATION	L SUM
JOBSITE	1
TOTAL	1

ENGINEER'S FIELD OFFICE TYPE A	
LOCATION	CAL MO
JOBSITE	4
TOTAL	4

CONSTRUCTING TEST STRIP	
LOCATION	EACH
JOBSITE	1
TOTAL	1

EXCAVATING AND GRADING EXISTING SHOULDER	
LOCATION	UNIT
EXISTING HMA SHOULDERS	
Lt & Rt Sta 25+85 to 58+02	23.4
Rt Sta 239+62 to 240+42	0.8
Lt & Rt Sta 240+42 to 241+78	2.7
Lt & Rt Sta 243+45 to 244+64	2.4
Lt Sta 244+64 to 245+54	0.9
Lt & Rt Sta 294+53 to 295+03	1
Lt & Rt Sta 460+85 to 463+00	4.3
Lt & Rt Sta 465+00 to 466+50	3
Lt Sta 466+50 to 467+34	0.85
Rt Sta 474+43 to 478+53	4.1
Lt Sta 474+71 to 479+00	4.3
Lt Sta 620+92 to 621+40	0.5
Lt & Rt Sta 621+40 to 623+48	4.2
Lt & Rt Sta 624+32 to 625+82	3
NEW HMA SHOULDERS	
Lt Sta 71+30 to 87+11	15.8
Rt Sta 71+30 to 87+40	16.1
Lt Sta 109+00 to 179+04	70
Lt Sta 180+08 to 189+03	9
Rt Sta 109+00 to 165+30.5	56.3
Rt Sta 166+19.5 to 187+05	20.9
TOTAL	244

PROTECTIVE COAT	
LOCATION	SQ YD
S.N. 078-0034 - DECK & PARAPET	168
S.N. 078-0036 - DECK & PARAPET	602
S.N. 078-0037 - DECK & PARAPET	492
TOTAL	1,262

MOWING	
LOCATION	UNIT
JOBSITE	1107
TOTAL	1,107

CONSTRUCTION STATION LAYOUT	
LOCATION	L SUM
JOBSITE	1
TOTAL	1

FILE NAME = D468558-CADD.dgn

USER NAME = tiesmandw | DESIGNED - ___ | REVISED - ___

DRAWN - ___ | REVISED - ___

PLOT SCALE = 4999.9998 ' / IN. | CHECKED - ___ | REVISED - ___

PLOT DATE = 1/27/2010 | DATE - ___ | REVISED - ___

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: ___ | SHEET NO. __ OF ___ SHEETS | STA. ___ TO STA. ___

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2370	(1,2)RS-2	PUTNAM	32	17
		CONTRACT NO. 68558		
	ILLINOIS	FED. AID PROJECT		

STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS

LOCATION	FOOT
Rt Sta 109+00 - 111+25	225
Rt Sta 166+65 - 177+27.5	1062.5
Lt Sta 182+83.5 - 184+96	212.5
Rt Sta 182+79.5 - 184+92	212.5
Rt Sta 189+65 - 191+15	150
Lt Sta 191+47 - 194+47	300
Rt Sta 211+37 - 212+62	125
Lt Sta 211+67 - 212+92	125
Rt Sta 515+25 - 530+00	1475
TOTAL	**3,888**

STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS

LOCATION	FOOT
Rt Sta 552+38 - 565+88	1350
TOTAL	**1,350**

GUARDRAIL MARKERS, TYPE A

LOCATION	UNIT
Rt Sta 109+00 - 111+25	3
Rt Sta 166+65 - 177+27.5	14
Lt Sta 182+83.5 - 184+96	3
Rt Sta 182+79.5 - 184+92	3
Rt Sta 189+65 - 191+15	2
Lt Sta 191+47 - 194+47	4
Rt Sta 211+37 - 212+62	2
Lt Sta 211+67 - 212+92	2
Rt Sta 515+25 - 530+00	19
Rt Sta 552+38 - 565+88	17
TOTAL	**69**

RAISED REFLECTIVE PAVEMENT MARKERS

LOCATION	NEW	REMOVAL
CENTERLINE (TWO-WAY AMBER)		
MAINLINE	450	692
TURN LANES (ONE-WAY CRYSTAL)		
NB STA 26+64 - 25+85	3	3
TOTALS	**453**	**695**

GUARDRAIL REMOVAL

LOCATION	FOOT
Rt Sta 109+00 - 111+25	225
Rt Sta 166+30 - 177+17	1087
Lt Sta 181+33 - 182+34	91
Rt Sta 181+33 - 183+57	224
Rt Sta 191+35 - 194+35	300
Lt Sta 191+47 - 194+46	299
Rt Sta 210+87 - 212+62	175
Lt Sta 211+66 - 213+41	175
Lt Sta 293+40 - 294+43	25
Rt Sta 293+58 - 294+63	25
Lt Sta 294+93 - 295+95	25
Rt Sta 295+13 - 296+12	25
Rt Sta 514+75 - 529+75	1500
Rt Sta 551+88 - 566+38	1450
TOTAL	**5,626**

TERMINAL MARKER - DIRECT APPLIED

LOCATION	UNIT
Rt Sta 111+75	1
Rt Sta 166+15	1
Rt Sta 177+77.5	1
Lt Sta 182+33.5	1
Lt Sta 185+46	1
Rt Sta 182+29.5	1
Rt Sta 185+42	1
Rt Sta 189+15	1
Rt Sta 191+65	1
Lt Sta 190+97	1
Lt Sta 194+47	1
Rt Sta 210+87	1
Rt Sta 213+12	1
Lt Sta 211+17	1
Lt Sta 213+42	1
Lt Sta 293+15	1
Rt Sta 293+33	1
Lt Sta 295+45	1
Rt Sta 295+62	1
Rt Sta 514+75	1
Rt Sta 530+50	1
Rt Sta 551+88	1
Rt Sta 566+38	1
TOTAL	**23**

TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)

LOCATION	EACH
Rt Sta 111+25 - 111+75	1
Rt Sta 166+15 - 166+65	1
Rt Sta 177+27.5 - 177+77.5	1
Lt Sta 182+33.5 - 182+83.5	1
Lt Sta 184+96 - 185+46	1
Rt Sta 182+29.5 - 182+79.5	1
Rt Sta 184+92 - 185+42	1
Rt Sta 189+15 - 189+65	1
Rt Sta 191+15 - 191+65	1
Lt Sta 190+97 - 191+47	1
Lt Sta 194+47 - 194+97	1
Rt Sta 210+87 - 211+37	1
Rt Sta 212+62 - 213+12	1
Lt Sta 211+17 - 211+67	1
Lt Sta 212+92 - 213+42	1
Lt Sta 293+15 - 293+65	1
Rt Sta 293+33 - 293+83	1
Lt Sta 295+45 - 295+95	1
Rt Sta 295+62 - 296+12	1
Rt Sta 514+75 - 515+25	1
Rt Sta 530+00 - 530+50	1
Rt Sta 551+88 - 552+38	1
Rt Sta 565+88 - 566+38	1
TOTAL	**23**

GUARDRAIL AGGREGATE EROSION CONTROL

LOCATION	TON
Rt Sta 109+00 - 111+80	57
Rt Sta 166+10 - 177+83	238
Lt Sta 182+28 - 185+51	66
Rt Sta 182+24 - 185+47	66
Rt Sta 189+10 - 191+70	53
Lt Sta 190+92 - 195+02	84
Rt Sta 210+82 - 213+17	48
Lt Sta 211+12 - 213+47	48
Lt Sta 293+10 - 293+65	12
Rt Sta 293+28 - 293+83	12
Lt Sta 295+40 - 295+95	12
Rt Sta 295+57 - 296+12	12
Rt Sta 514+70 - 530+55	322
Rt Sta 551+83 - 566+43	296
Rt Sta 621+80 - 623+48	35
Lt Sta 622+89 - 623+48	12
Rt Sta 624+32 -624+80	10
Lt Sta 624+32 - 624+77	9
TOTAL	**1,392**

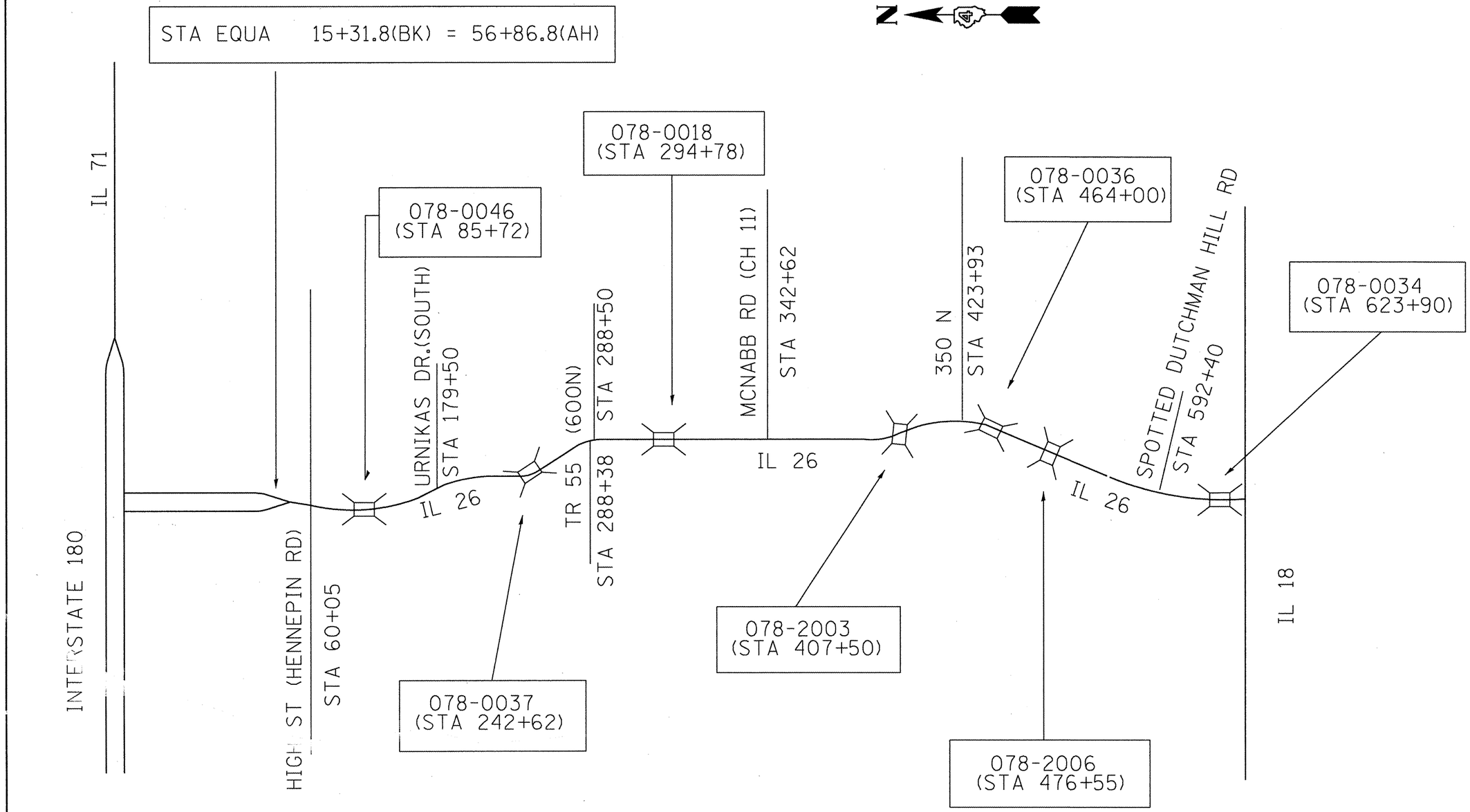
LOCATION	LENGTH	SHORT-TERM PAVEMENT MARKING	WORK ZONE PAVEMENT MARKING REMOVAL
STATION TO STATION	FEET	FT	SQ FT
MAINLINE			
STA 25+85 - 15+31.8	1053	105	35
STA 15+31.8(BK)=56+86.8(AH)	0	0	0
STA 56+87 - 87+40	3053	305	101
STA 109+00 - 241+78	13278	1328	438
STA 243+45 - 463+00	21955	2196	725
STA 465+00 - 623+48	15848	1585	523
STA 624+32 - 625+82	150	15	5
SUB-TOTAL		X 4 APP.	
		22,135	1,826
EXISTING SHOULDERS			
STA 25+85 - 15+31.8	2106.4	84	28
STA 56+86.8 - 58+02	230.4	9	3
STA 239+62 - 245+54	680	27	9
STA 294+53 - 295+03	100	4	1
STA 460+85 - 467+34	814	33	11
STA 474+43 - 479+00	457	18	6
STA 620+92 - 625+82	764	31	10
SUB-TOTAL		X 1 APP.	
		206	68
NEW SHOULDERS			
LT STA 71+30 - 87+11	1581	63	21
RT STA 71+30 - 87+40	1610	64	21
LT STA 109+00 - 179+04	7004	280	92
LT STA 180+08 - 189+03	895	36	12
RT STA 109+00 - 165+30.5	5630.5	225	74
RT STA 166+19.5 - 187+05	2085.5	83	28
SUB-TOTAL		X 2 APP.	
		1504	248
TOTALS		23,845	2,142

TEMPORARY & EPOXY PAVEMENT MARKINGS - LETTERS & SYMBOLS		
LOCATION	NO.	SQ FT
NB LEFT TURN LANE TO OLD IL 26 (WHITE)		
STA 26+14	1	15.6
TOTALS	1	15.6

TEMPORARY & EPOXY PAVEMENT MARKING - LINE 8"	
STATION TO STATION	SOLID WHITE
LOCATION	FOOT
LEFT TURN LANE	
STA 26+64 - 25+85	79
TOTAL	79

TEMPORARY & EPOXY PAVEMENT MARKING - LINE 4"		
STATION TO STATION	SKIP-DASH YELLOW	DOUBLE YELLOW
LOCATION	FOOT	FOOT
STA 25+85 - 625+82	QUANTITIES SUBMITTED BY OPERATIONS	
TOTAL	58,700	

TEMPORARY & EPOXY PAVEMENT MARKING - LINE 6"		
STATION TO STATION	SOLID WHITE	SKIP-DASH WHITE
LOCATION	FOOT	FOOT
EDGELINES		
LT STA 25+85 - 59+38	1,304.40	310.00
LT STA 60+51 - 87+40	2,689.00	
LT STA 87+40 - 109+00	2,160.00	
LT STA 109+00 - 165+30.55	5,630.55	
LT STA 166+11.25 - 201+52.25	3,541.00	
LT STA 202+35.75 - 288+04	8,568.25	
LT STA 288+75 - 315+72	2,697.00	
LT STA 316+40.5 - 625+82	30,941.50	
RT STA 25+85 - 59+45.5	1,311.90	
RT STA 60+55.5 - 87+40	2,684.50	
RT STA 87+40 - 109+00	2,160.00	
RT STA 109+00 - 145+92.5	3,692.50	
RT STA 147+15.5 - 179+04	3,188.50	
RT STA 180+08 - 248+54.5	6,846.50	
RT STA 249+36.5 - 288+09	3,872.50	
RT STA 288+86.5 - 342+09.5	5,323.00	
RT STA 343+12 - 423+56	8,044.00	
RT STA 424+41 - 462+40.5	3,799.50	
RT STA 463+00.5 - 489+78.5	2,678.50	
RT STA 490+77.5 - 591+92	10,114.50	
RT STA 592+91 - 625+82	3,291.00	
SUB-TOTALS	114,538.60	310.00
TOTAL	114,849	



FILE NAME = 0468558-CADD.dgn	USER NAME = tiesmandw	DESIGNED - ---	REVISED - ---
		DRAWN - ---	REVISED - ---
	PLOT SCALE = 4999.9998 ' / IN.	CHECKED - ---	REVISED - ---
	PLOT DATE = 1/27/2010	DATE - ---	REVISED - ---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LINE DIAGRAM

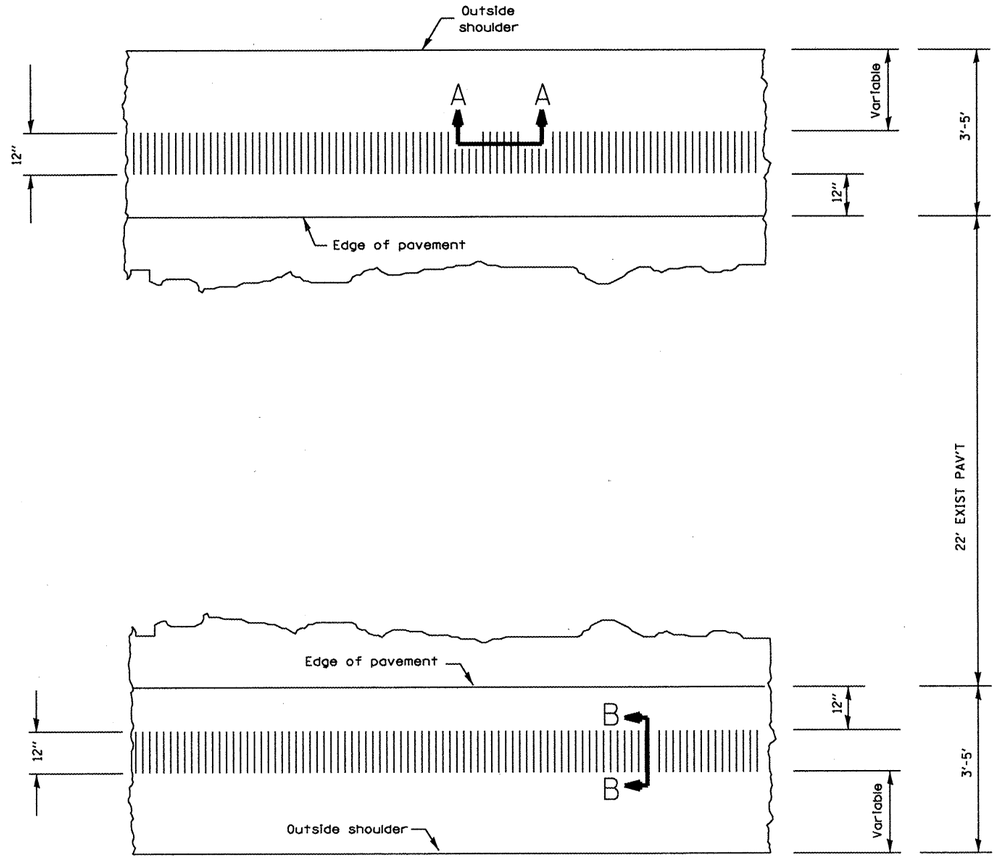
SCALE: --- | SHEET NO. -- OF --- SHEETS | STA. --- TO STA. ---

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2370	(1,2)RS-2	PUTNAM	32	20
		CONTRACT NO. 68558		
		ILLINOIS FED. AID PROJECT		

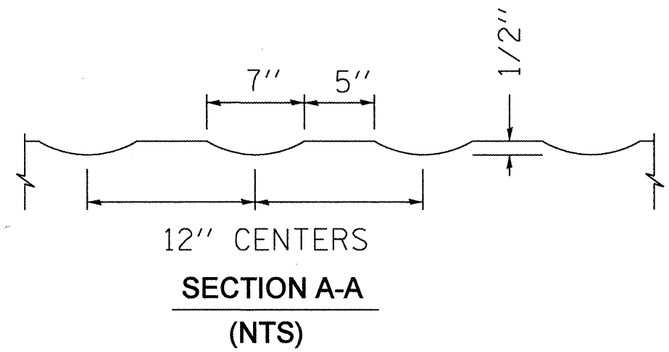
GENERAL NOTES

1. THIS DETAIL GIVES CONSTRUCTION INSTALLATION DETAILS ONLY AND DOES NOT DETERMINE WHEN OR WHERE RUMBLESTRIPS ARE TO BE USED.

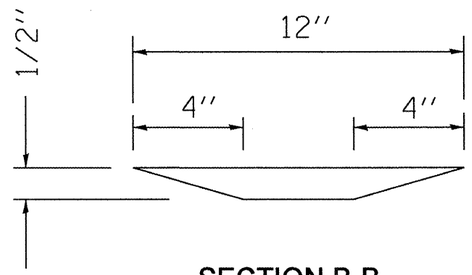
2. RUMBLE STRIPS SHALL BE OMMITED AT TURN AND AUXILARY LANES, ROAD APPROACHES, RESIDENCE, 250 FT. BEFORE ROAD INTERSECTIONS, AND OTHER INTERRUPTIONS AS DIRECTED BY THE RESIDENT ENGINEER.



PLAN
RUMBLE STRIP
(NTS)

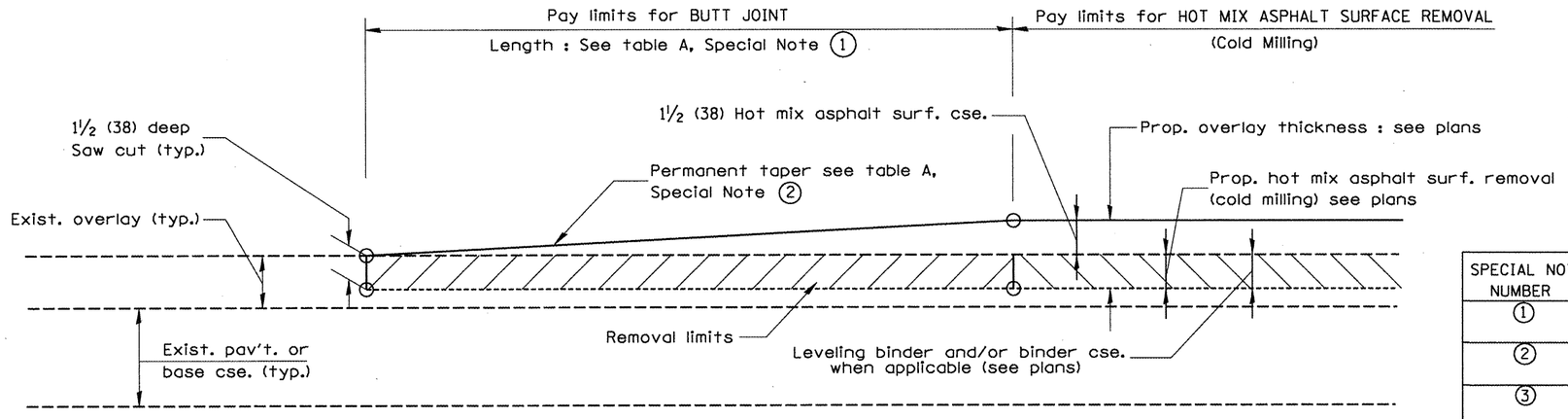


SECTION A-A
(NTS)



SECTION B-B
(NTS)

FILE NAME = D468558-CADD.dgn	USER NAME = tiesmandx	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONTINUOUS RUMBLE STRIP DETAIL	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			2370	(1,2)RS-2	PUTNAM	32	21
	PLOT SCALE = 4999.9998 ' / IN.	CHECKED -	REVISED -					CONTRACT NO. 68558		
	PLOT DATE = 1/27/2010	DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	ILLINOIS	FED. AID PROJECT	



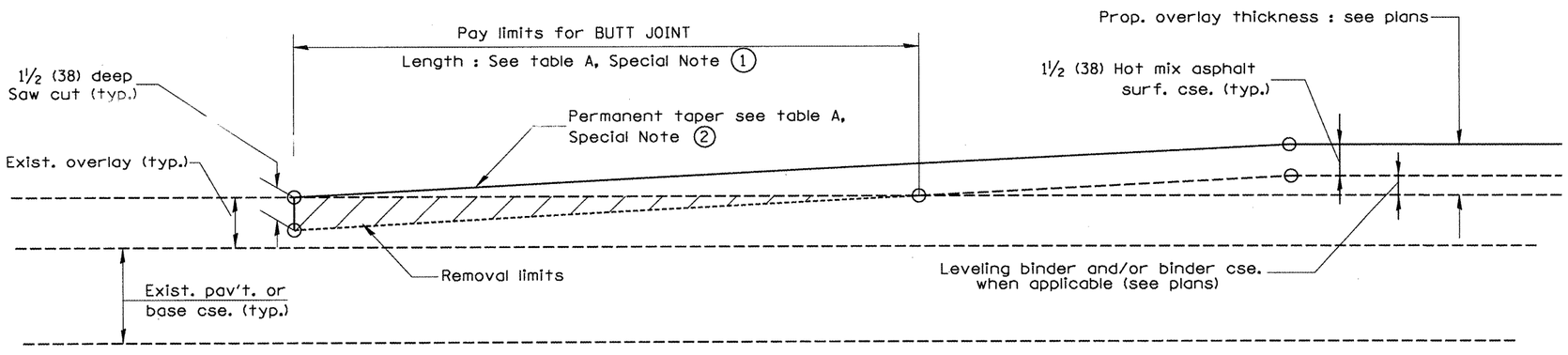
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

TABLE A
(LENGTHS AND TAPER RATES)

SPECIAL NOTE NUMBER	ELEMENT	MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS	ALL OTHERS
(1)	LENGTH OF BUTT JOINT	60'(18.0 m)	30'(9.0 m)
(2)	PERMANENT TAPER RATE	1:480	1:240
(3)	TEMPORARY RAMP TAPER RATE	1:80	1:40
(4)	TEMPORARY RAMP LENGTH	10'(3.0 m)	5'(1.5 m)
(5)	LENGTH OF BUTT JOINT	10'(3.0 m)	10'(3.0 m)

GENERAL NOTES

1. The work shall be done in accordance with Article 406.08 and the Special Provision for Butt Joints.
2. The pavement surface to be removed may be either bituminous or P.C. concrete. The work shall be performed in accordance with Article 440.04 and the Special Provisions for Butt Joints.
3. The saw cut joints shall be primed just prior to the placing of bituminous material. The work will be in accordance with the applicable portions of Article 406.05.



CASE 2 : NO HOT MIX ASHALT SURFACE REMOVAL (COLD MILLING)

DESIGNER NOTES:
1. Include District Special Provision for Butt Joints & for Hot Mix Asphalt Removal (Cold Milling).
2. The butt joints pay item includes the saw cut & temporary ramp. Payment for the Butt Joint applies whether or not the project features Hot Mix Asphalt Removal (Cold Milling).

All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	BENUM. C-23.01. NEW REVISION BOX	T.P.			
04-01-97	CORRECTION TO DEPTH	J.A.			
09-15-05	REVISED DESIGNER NOTE	M.A.			
10-16-06	REVISED TO 2007 SPEC.	M.A.			

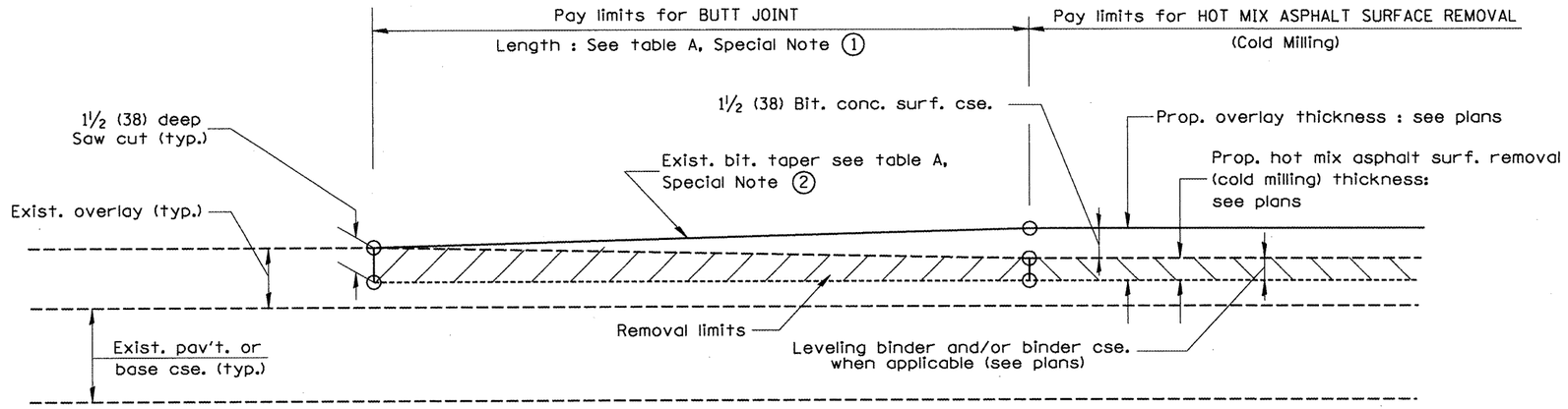
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS

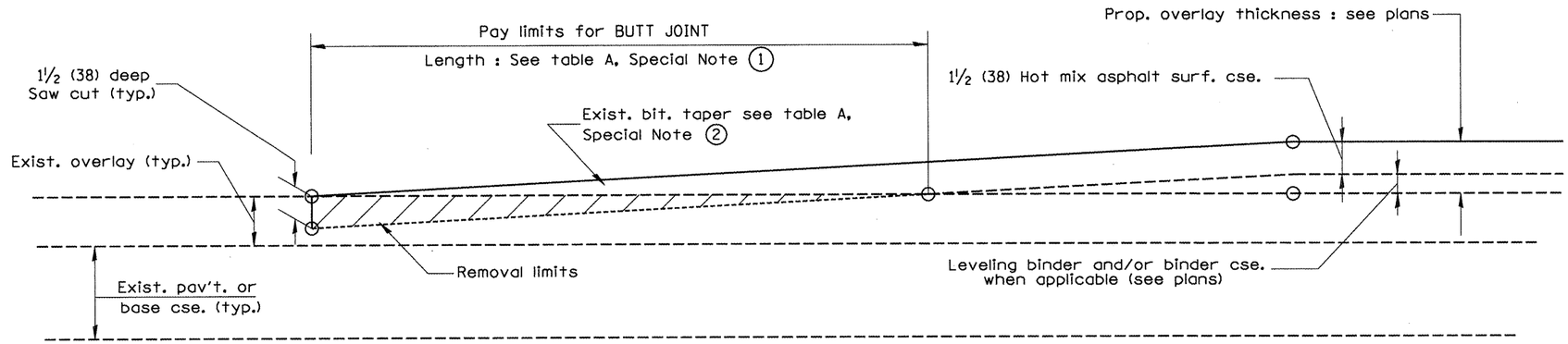
NOT TO SCALE

SHT. 1 OF 3
C40Q_STD._406101-04

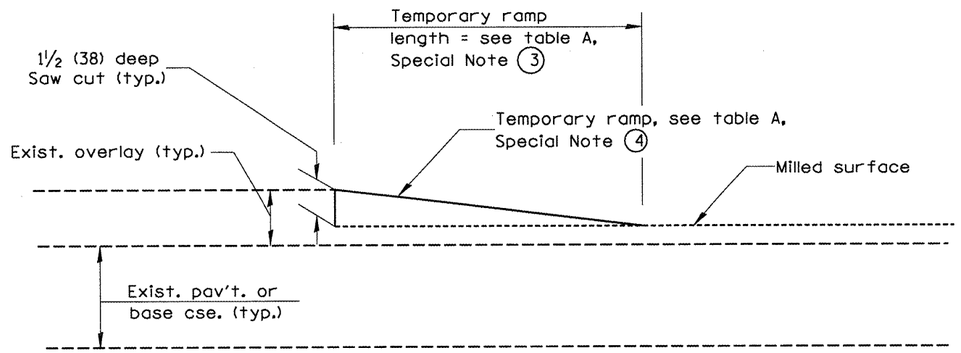
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2370	(1,2)RS-2	PUTNAM	32	22
		CONTRACT NO. 68558		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



CASE 3 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER



CASE 4 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER



DETAIL TEMPORARY RAMP

All dimensions are in inches (millimeters) unless otherwise noted.

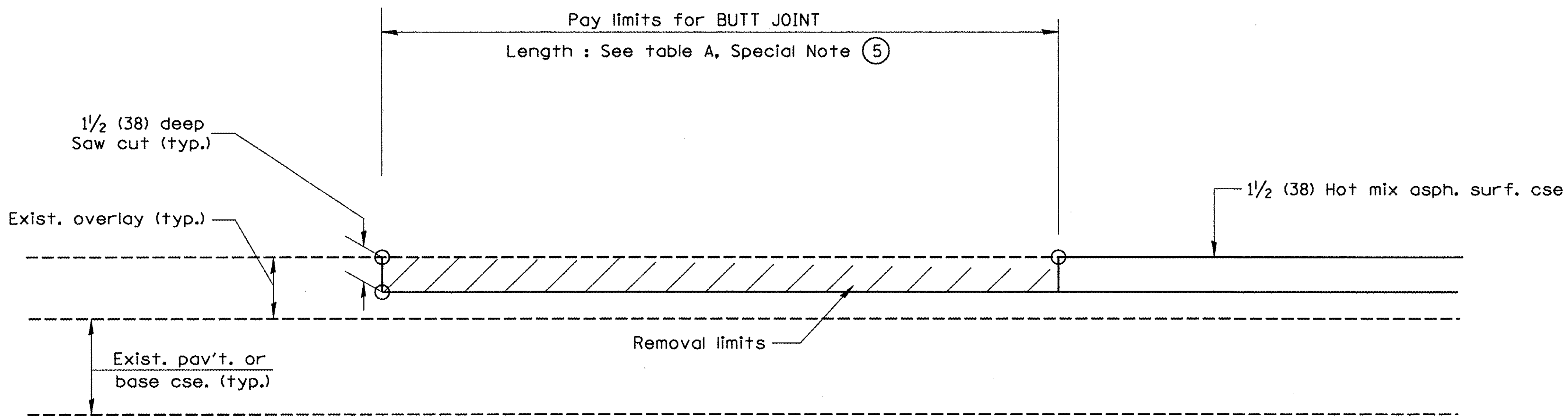
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS

NOT TO SCALE

SHT. 2 OF 3
___CADD_SIG._406101-04

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2370	(1,2)RS-2	PUTNAM	32	23
		CONTRACT NO. 68558		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



CASE 5 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER

All dimensions are in inches (millimeters) unless otherwise noted.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS

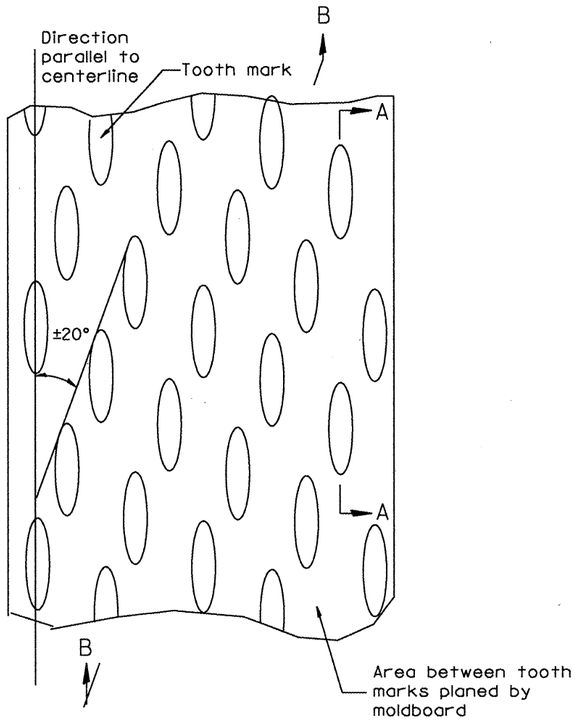
NOT TO SCALE

SHT. 3 OF 3
CADD STD. 406101-04

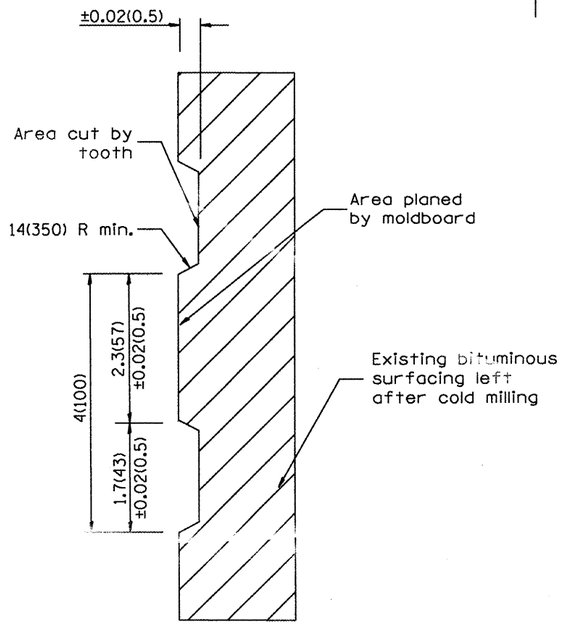
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2370	(1,2)RS-2	PUTNAM	32	24

CONTRACT NO. 68558

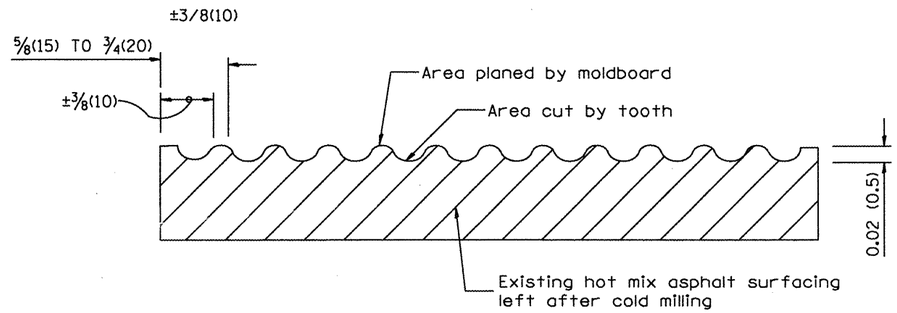
FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT



PLAN



SECTION A-A



SECTION B-B PROJECTED
PERPENDICULAR TO CENTERLINE

General notes:

1. Coldmilling shall consist of two processes: Cutting with carbide teeth mounted on a rotating drum, and planing with a moldboard mounted immediately behind the cutting drum.
2. Other similar patterns will be acceptable if they consist of a smooth, flat, planed surface interspersed with a pattern of discontinuous longitudinal striations.

DESIGNER NOTES:
1. INCLUDE DISTRICT SPECIAL PROVISION, IF APPLICABLE.

All dimensions are in inches (millimeters) unless otherwise noted.

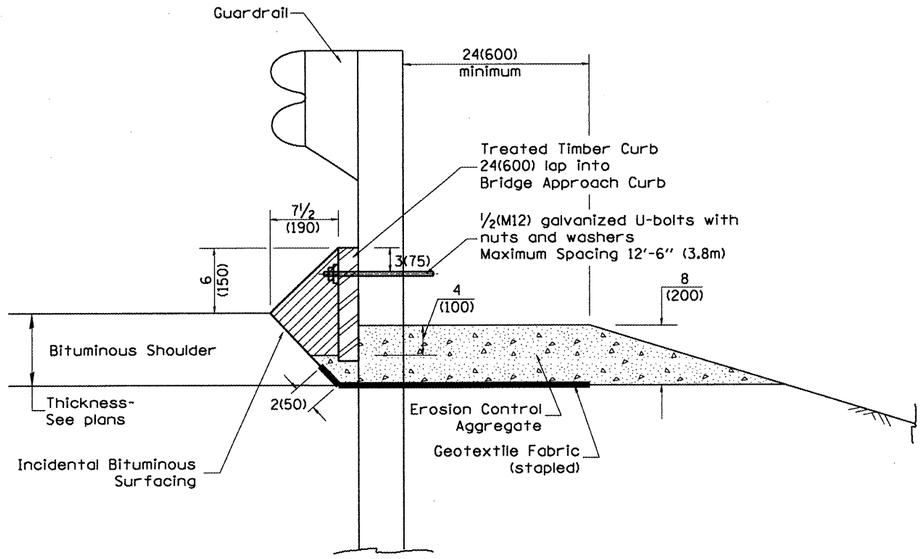
01-01-97	RENUM. C-1041-01. NEW REVISION BOX	J.P.			
04-20-98	REMOVED MILLING DETAIL FROM STANDARD	J.A.			
09-08-98	CORRECT NOTE LEADER PLACEMENT	B.W.			
10-16-06	REVISED TO 2007 SPEC.	M.A.			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

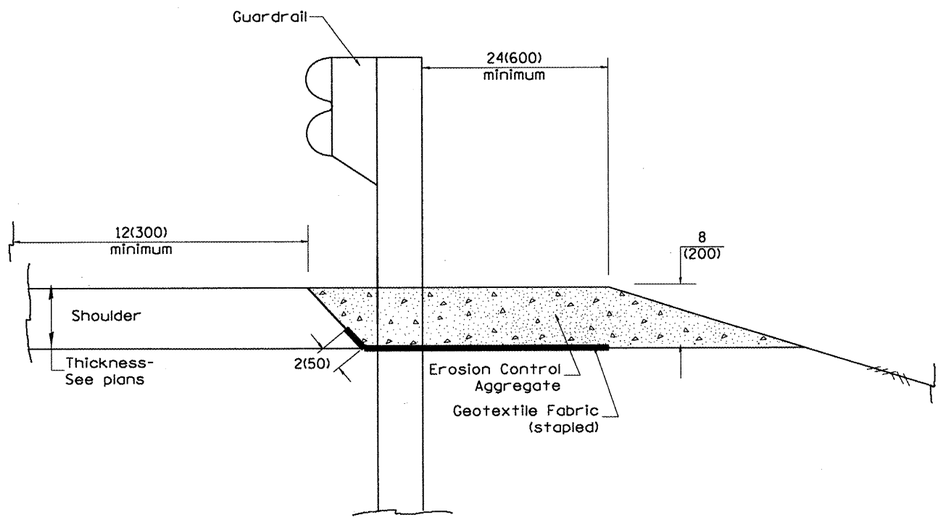
HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

NOT TO SCALE — CADD SID: 441001-04

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2370	(1,2)RS-2	PUTNAM	32	25
		CONTRACT NO. 68558		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



TYPICAL SECTION WITH EROSION CONTROL CURB



TYPICAL SECTION WITHOUT EROSION CONTROL CURB

1. Use EROSION CONTROL CURB at guardrail installations where grades are equal to or greater than 1% and at inlets. [Include District Special Provision]
2. Use GUARDRAIL AGGREGATE EROSION CONTROL at guardrail installations where grades are less than 1% [Include District Special Provision]
3. Include State Standards 609001, 609006 or 610001 if applicable.
4. Include the following District Cadd Standards as needed: Slope Drains for Exposed Pipes; Slope Drains for Buried Pipes; Seepage Collars for Buried Pipes; Seepage Collars for Exposed Pipes; Concrete Thrust Blocks and Pipe Elbow.
5. Include District Special Provision -"Aggregate Quality" for projects located in the Western Area of the District - approx. dividing line is IL 97.

GENERAL NOTES: EROSION CONTROL CURB

1. This work shall consist of grading as needed, installing hardware and treated timber boards, furnishing and placing mastic material and incidental bituminous surfacing in front of Steel Plate Beam Guardrail in accordance with Plan Details.

2. Timber shall be treated in accordance with Article 1007.12. All preservatives specified in the article will be allowed. Waterborne preservatives "asa" and "cca" shall have a minimum retention of 0.40 lbs./cu. ft. (6.4 kg/m³)

GENERAL NOTES: GUARDRAIL AGGREGATE EROSION CONTROL

1. This work shall consist of grading as needed, furnishing and installing geotextile fabric and staples, and furnishing, placing and shaping crushed aggregate around and behind Steel Plate Beam Guardrail posts in accordance with Plan Details.

2. Before placing the aggregate and the Geotextile Fabric, weeds and grass shall be removed from the area to be covered.

3. After the area has been prepared, and in a dry condition, the Geotextile fabric shall be placed with a 12(300) minimum overlap. A knife cut for guardrail post installation is necessary.

4. The aggregate shall be deposited, compacted and shaped by either mechanical or hand methods, in a manner reasonably true to line and grade.

5. The Contractor shall have the option of placing the guardrail before or after the Geotextile Fabric and Aggregate are in place. If the guardrail is placed after the Geotextile Fabric and Aggregate, then any voids must be filled and the aggregate returned to line and grade.

6. Materials shall meet the following requirements:

   A. The crushed aggregate shall be CA1 gradation in accordance with Article 1004.01(c) of the Standard Specifications.

   B. The Geotextile Fabric shall be nonwoven fabric in accordance with Article 1080.02 of the Standard Specifications.

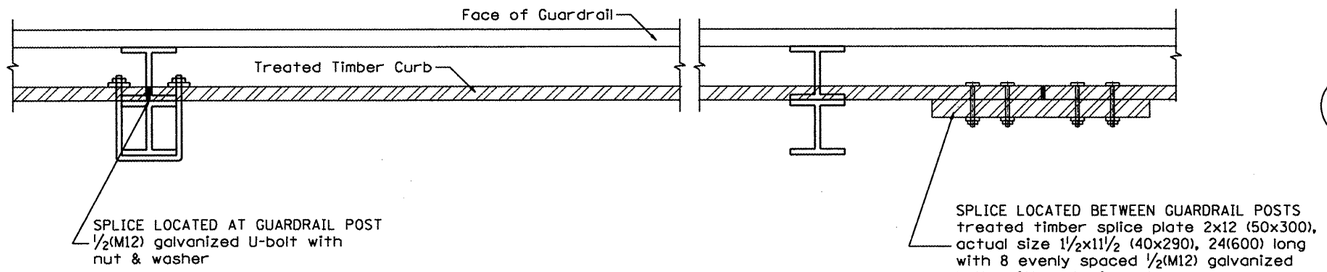
All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	BENUM. C-22.01. NEW REVISION BOX	I.C.			
03-01-97	CORRECT SID. NUMBERS IN NOTES PG. 2	J.A.			
11-03-00	CORRECTION TO NOTES	M.A.			
10-16-06	REVISED TO 2007 SPEC.	M.A.			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

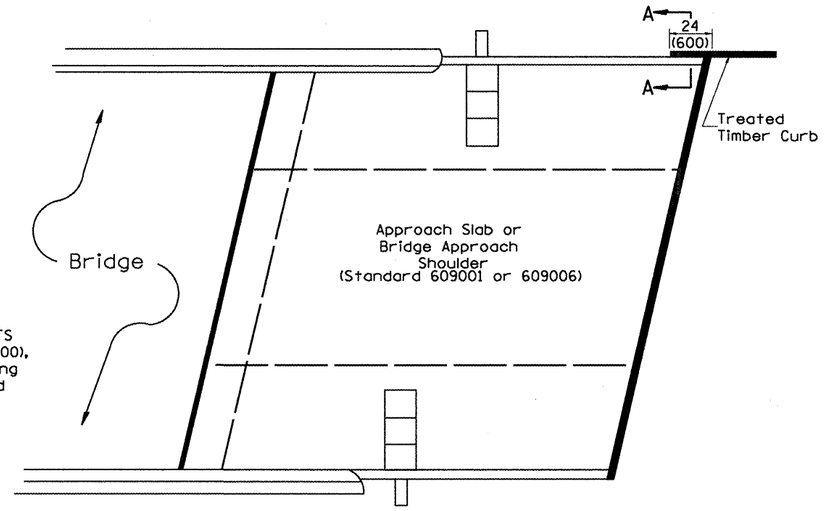
GUARDRAIL EROSION CONTROL TREATMENTS
SHT. 1 OF 2
NOT TO SCALE
CADD SID. 630101-04

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2370	(1,2)RS-2	PUTNAM	32	26
		CONTRACT NO. 68558		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



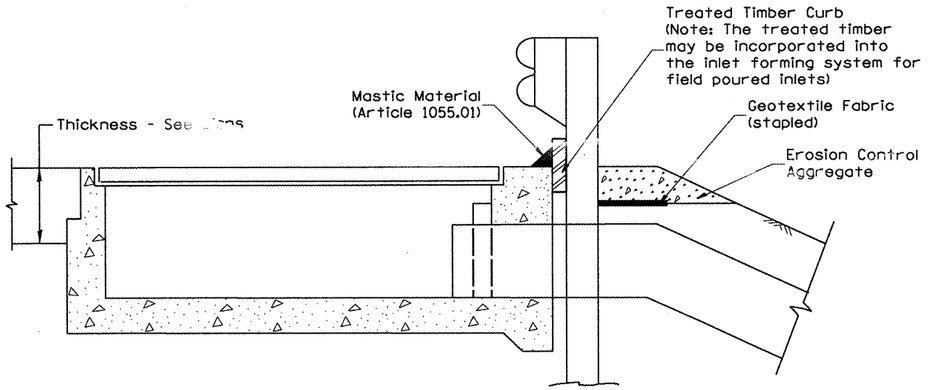
DETAIL A

(Typical Treated Timber Splices)

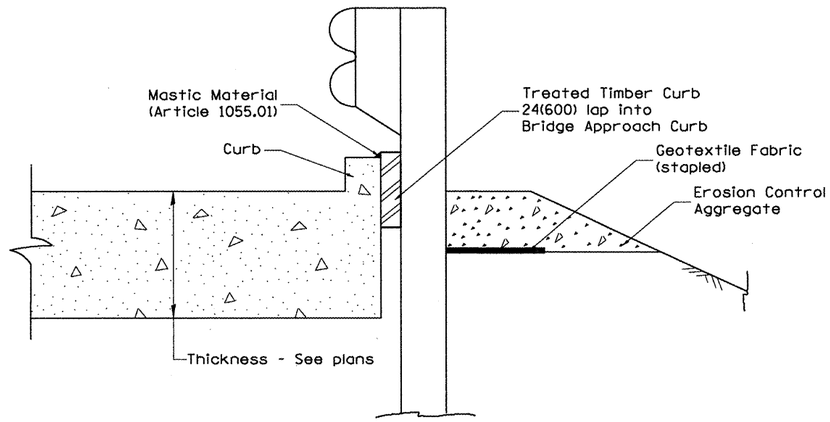


PLAN VIEW

APPROACH SLAB OR BRIDGE APPROACH SHOULDER
(STANDARD 609001 or 609006)



TYPICAL SECTION WITH EROSION CONTROL CURB
AT INLETS TYPE E & F (STANDARD 610001)



SECTION A-A

TYPICAL SECTION WITH EROSION CONTROL CURB
AT BRIDGE APPROACH CURB
(STANDARD 609001 OR 609006)

All dimensions are in inches (millimeters)
unless otherwise noted.

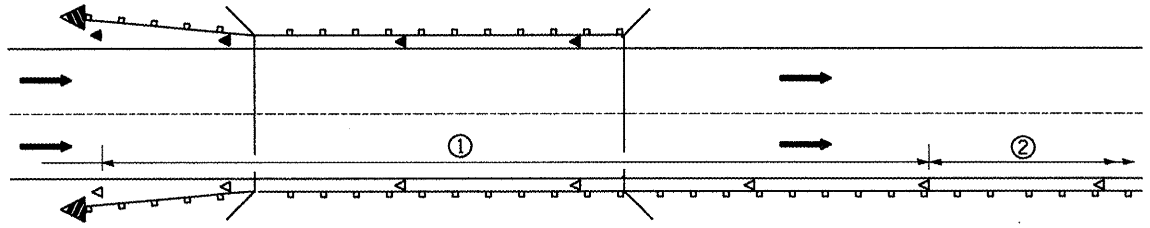
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL EROSION CONTROL TREATMENTS

NOT TO SCALE

SHT._2_OF_2
___CADD_STD._630101-04

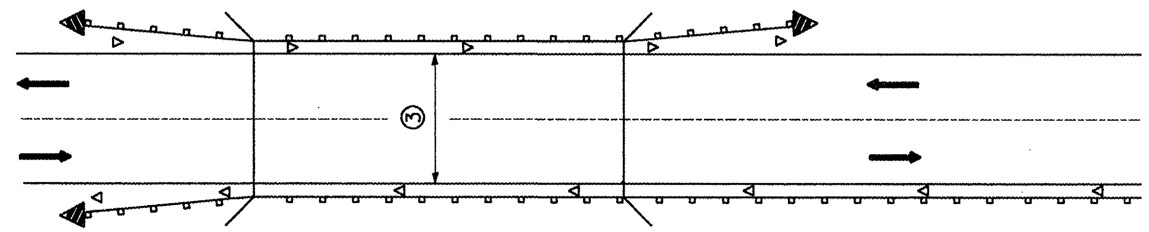
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2370	(1,2)RS-2	PUTNAM	32	27
		CONTRACT NO. 68558		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



① Spacing 80 ft. (24 m) max. for first 400 ft. (122 m) or curve spacing shown in Standard 635001, whichever is less (min. 4 reflectors regardless of length).

② After 400 ft. (122 m) , transition to normal delineator spacing shown in Standard 635001, and continue as required.

ONE-WAY TRAFFIC



③ Bidirectional silver/silver should be used in lieu of monodirectional silver on both sides of two-lane bridges where the bridge pavement is less than 24 (610) wider than the pavement approaching the bridge.

TWO-WAY TRAFFIC

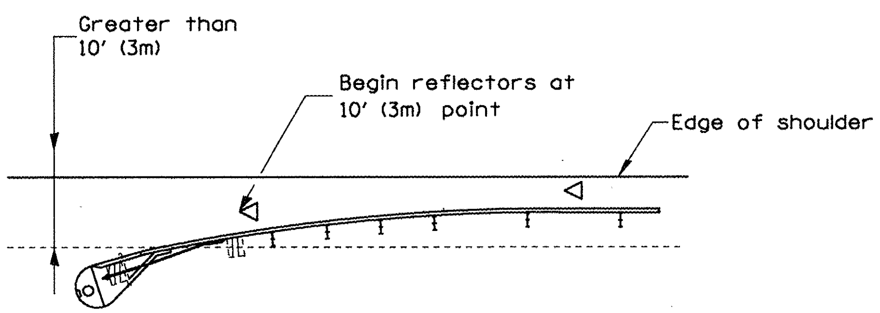
GUARDRAIL / BARRIER WALL / BRIDGE RAIL REFLECTORS

LEGEND

◁ Monodirectional silver

◀ Monodirectional amber

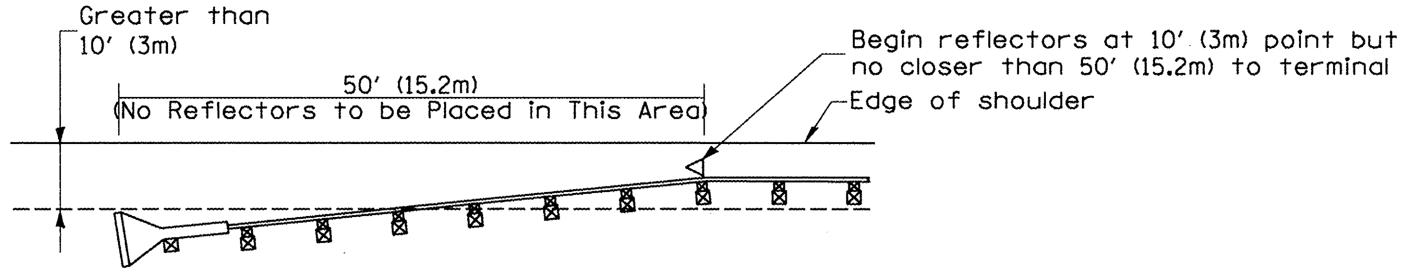
Terminal Marker - Black/Yellow Left or Right as appropriate



NOTE: Omit terminal marker when terminal over 10′ (3m) from edge of paved shoulder or break point of unpaved shoulder, or when terminal buried in backslope.

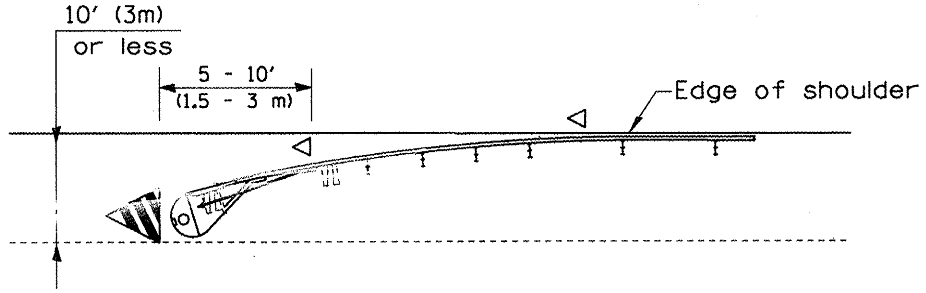
Traffic Barrier Terminal Type(•) and/or Turned-Down Terminal

[Terminal over 10′ (3m) from edge of shoulder]
•See Plans for Type



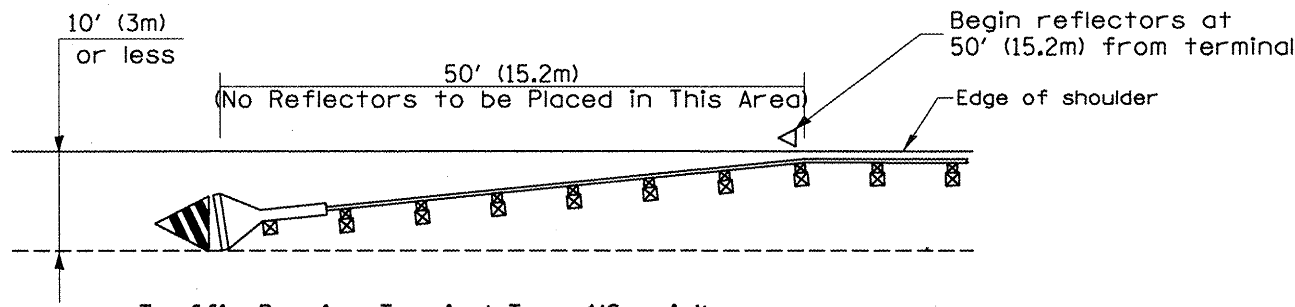
NOTE: Omit terminal marker when terminal over (10′) from edge of paved shoulder or break point of unpaved shoulder.

Traffic Barrier Terminal Type 1 (Special)
[Terminal over 10′ (3m) from edge of shoulder]



Traffic Barrier Terminal Type(•) and/or Turned-Down Terminal

[Terminal over 10′ (3m) or less from edge of shoulder]
•See Plans for Type



Traffic Barrier Terminal Type 1(Special)
[Terminal 10′ (3m) or less from edge of shoulder]

TERMINAL MARKER PLACEMENT

DESIGNER NOTES:

1. INCLUDE APPROPRIATE SPECIAL PROVISIONS FOR "GUARD RAIL DELINEATION POLICY: 1. TERMINAL MARKER, 2. TERMINAL MARK POST, AND 3. GUARDRAIL AND BARRIER WALL MARKERS." FROM INTERIM SPECIAL PROVISIONS 94-74; "GUARDRAIL AND BARRIER WALL DELINEATION."
2. IF POST MOUNT TERMINAL MARKER IS USED, INCLUDE STATE STD. 720011.

All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. E-10.02. NEW REVISION BOX	I.P.
03-01-97	CORRECT STD. SPEC. *	J.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

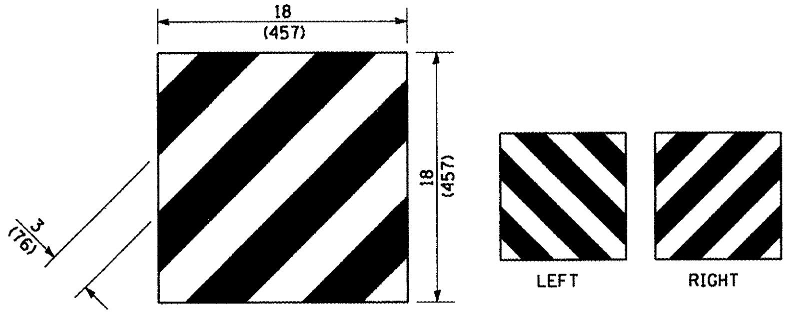
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL AND BARRIER WALL DELINEATION

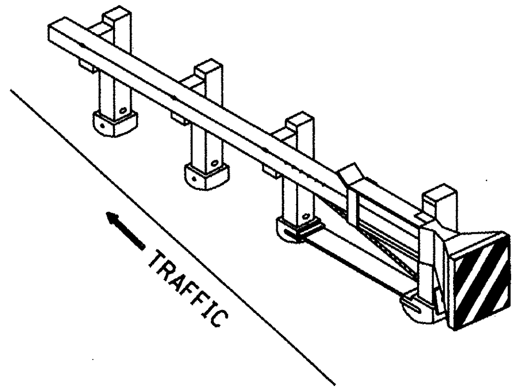
NOT TO SCALE

SHT. 1 OF 3
CADD STD. 635101-04

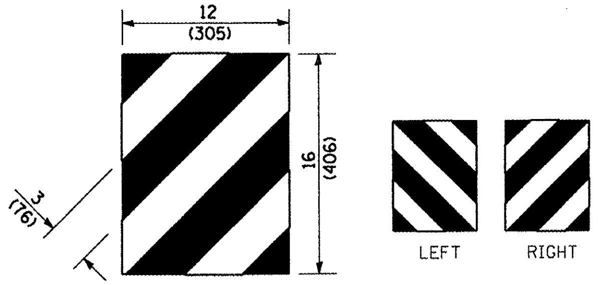
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685/618	36(RS-1,C-2)	MCDONOUGH	32	28
		CONTRACT NO. 68406		
	ILLINOIS FED. AID PROJECT			



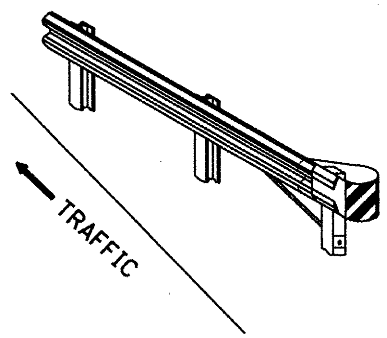
For Traffic Barrier Terminal Type 1 (Special)



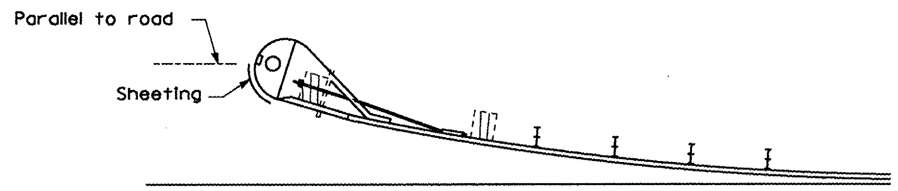
Standard Treatment - Direct Applied Sheeting
Traffic Barrier Terminal Type 1 (Special)



For Traffic Barrier Terminal Type (•)
and Post Mount
• See Plans for Type



Standard Treatment - Direct Applied Sheeting
Traffic Barrier Terminal Type (•)
• See Plans for Type



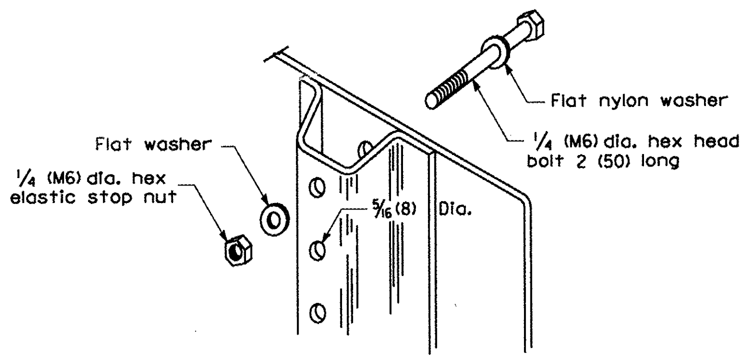
Sheeting Position for
Traffic Barrier Terminal Type (•)
• See Plans for Type

TERMINAL MARKER DETAILS

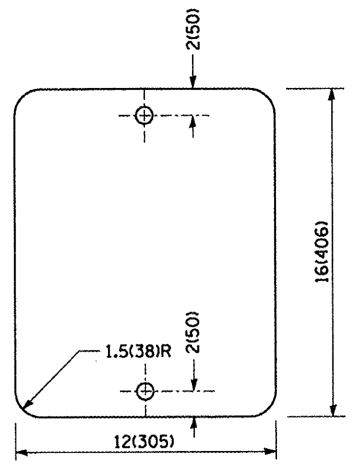
Color: Black / Yellow reflectorized

OM - I100 (L or R) Direct applied reflective sheeting

OM - I200 (L or R) Post mounted

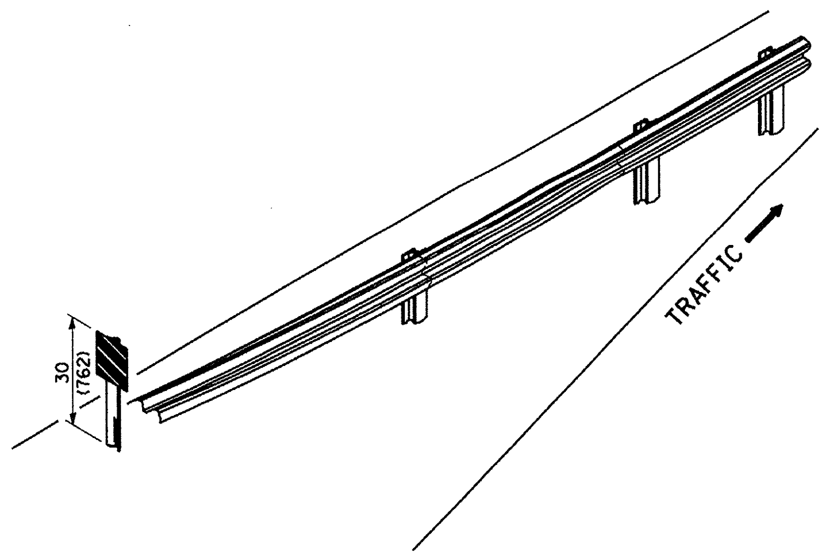


DETAIL OF MOUNTING TERMINAL MARKER TO POST



STANDARD TERMINAL MARKER

POST MOUNTED TERMINAL MARKER ASSEMBLY



ALTERNATE TREATMENT - POST MOUNTED
(For turned-down terminal where sheeting cannot be direct applied)

TERMINAL MARKER TREATMENTS

GENERAL NOTES

All dimensions are in inches (millimeters) unless otherwise noted.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

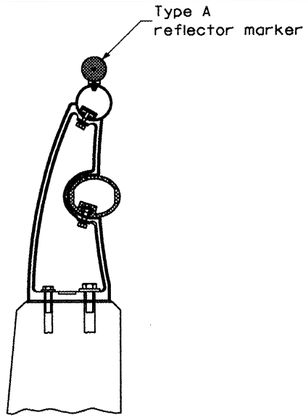
GUARDRAIL AND BARRIER WALL DELINEATION

NOT TO SCALE

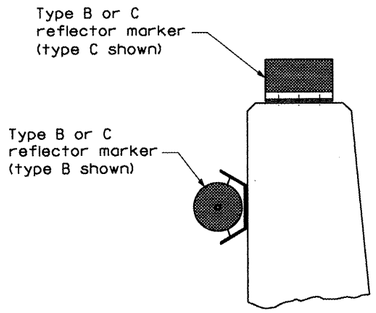
SHT. 2 OF 3

CADD STD. 635101-04

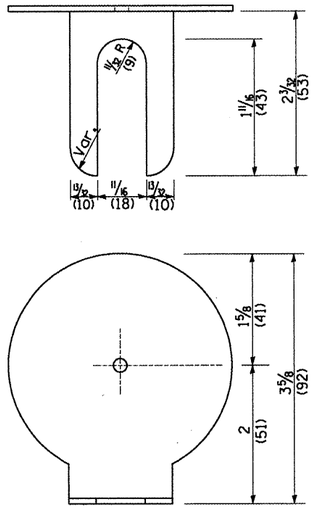
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685/618	36(RS-1)C-2)	MCDONOUGH	32	29
		CONTRACT NO. 68406		
	ILLINOIS	FED. AID PROJECT		

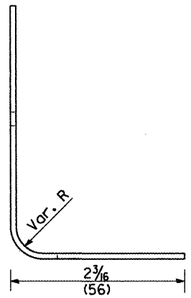


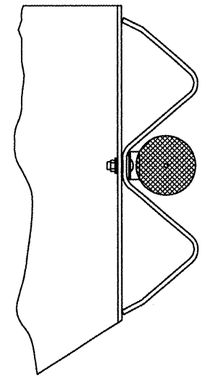
TYPICAL MOUNTING DETAIL
FOR BRIDGE RAIL REFLECTOR



TYPICAL MOUNTING DETAIL
FOR BARRIER WALL REFLECTOR

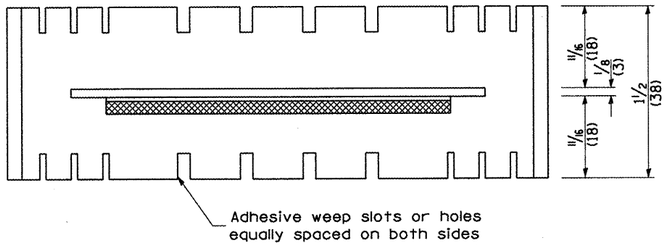


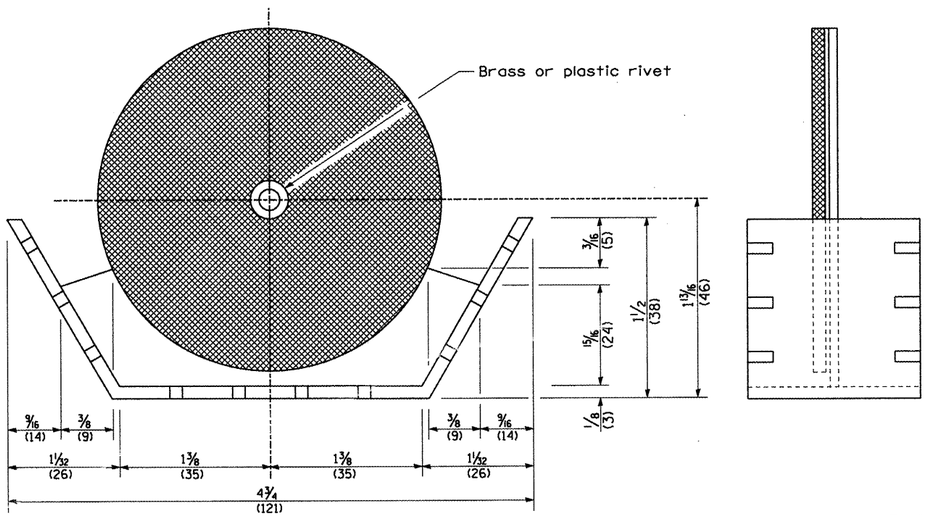




TYPICAL GUARDRAIL MOUNTING WITH
REFLECTOR MARKER TYPE A

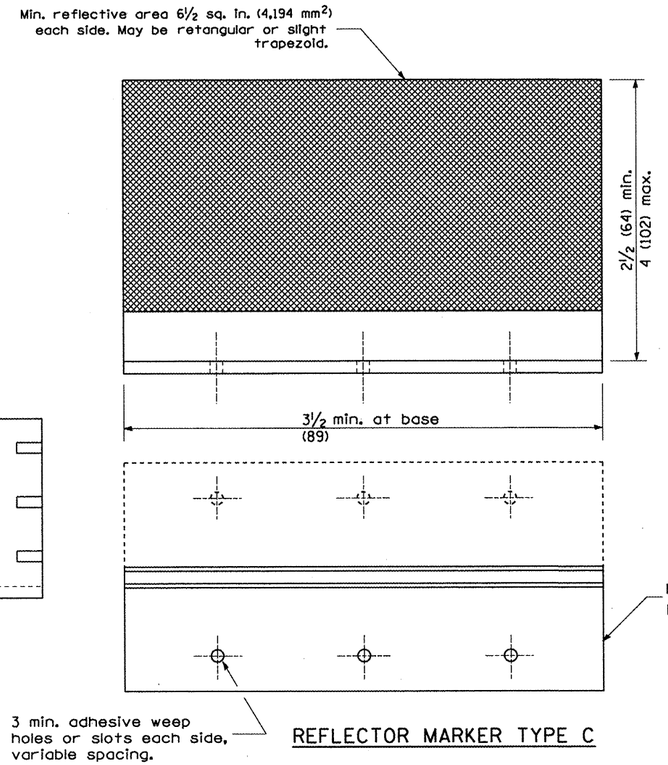
REFLECTOR MOUNTING



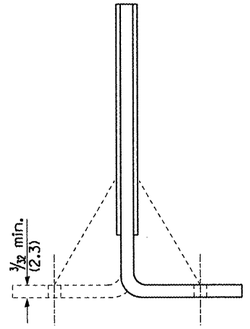


REFLECTOR MARKER TYPE B

REFLECTOR MARKER TYPE A



REFLECTOR MARKER TYPE C



Cross section may be "T"
or "L" shaped and may have
side supports at ends.

REFLECTORS

All dimensions are in inches (millimeters)
unless otherwise noted.

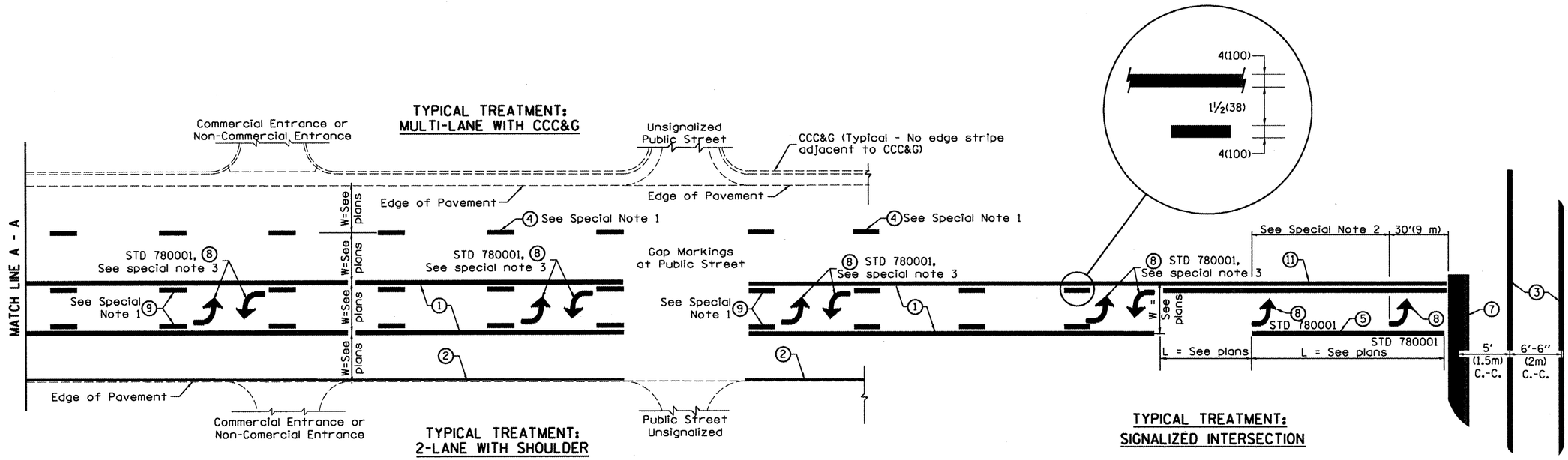
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL AND BARRIER WALL DELINEATION

NOT TO SCALE

SHT. 3 OF 3
C400 SIO. 635101-04

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685/618	36(RS-1)C-2)	MCDONOUGH	32	30
		CONTRACT NO. 68406		
		ILLINOIS FED. AID PROJECT		



FLUSH PAVED MEDIAN: TWO-WAY LEFT TURN LANE WITH ONE-WAY LEFT TURN LANE AT SIGNALIZED INTERSECTION

TYPICAL PAVEMENT MARKING LEGEND

(Note: This is a District Standard Legend.
Some elements may not apply to specific project.)

1. 4(100) Solid (Yellow)
2. 4(100) Solid (White)
3. 2-6(150) Crosswalk @ 6'-6" (2m)min C.-C. (White)
   2-8(200) Crosswalk @ 6'-6" (2m)min C.-C. (White) (When traffic signals are present.)
4. 6(150) Skip-Dash (White) — 10' (3.05m) / 30' (9.14m) / 10' (3.05m) (See Special Note 1)
5. 8(200) Solid (White)
6. 12(300) Diagonal (White) (Item 6 is shown on Std. 780001)
7. 24(600) Stop Bar (White)
8. Letters & Arrows — 33' (10m) (See Std. 780001 and Special Notes 2 & 3)
9. 4(100) Skip-Dash (Yellow) — 10' (3.05m) / 30' (9.14m) / 10' (3.05m) (See Special Note 1)
10. 12(300) Diagonal (Yellow) (See Table A) — 45°
11. 4(100) Double Solid (Yellow) — 11(280) C.-C., See Table A

SPECIAL NOTES

1. Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversly across the pavement.
2. The following shall apply to arrows located in one-way left turn lanes:
   A. A minimum of two (2) arrows is required.
   B. The maximum spacing between arrows is 80' (24 m).
   C. Arrows shall be evenly spaced if three (3) or more are required.
3. The following shall apply to arrow pairs located in two-way left turn lanes:
   A. A minimum of two (2) arrow pairs is required.
   B. The maximum spacing between arrow pairs is 200' (61 m).
   C. Arrow pairs shall be evenly spaced if three (3) or more are required.
   D. The spacing between Bi Directional Left Turn Arrows is 33' (10 m).

GENERAL NOTES

1. Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
2. See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.

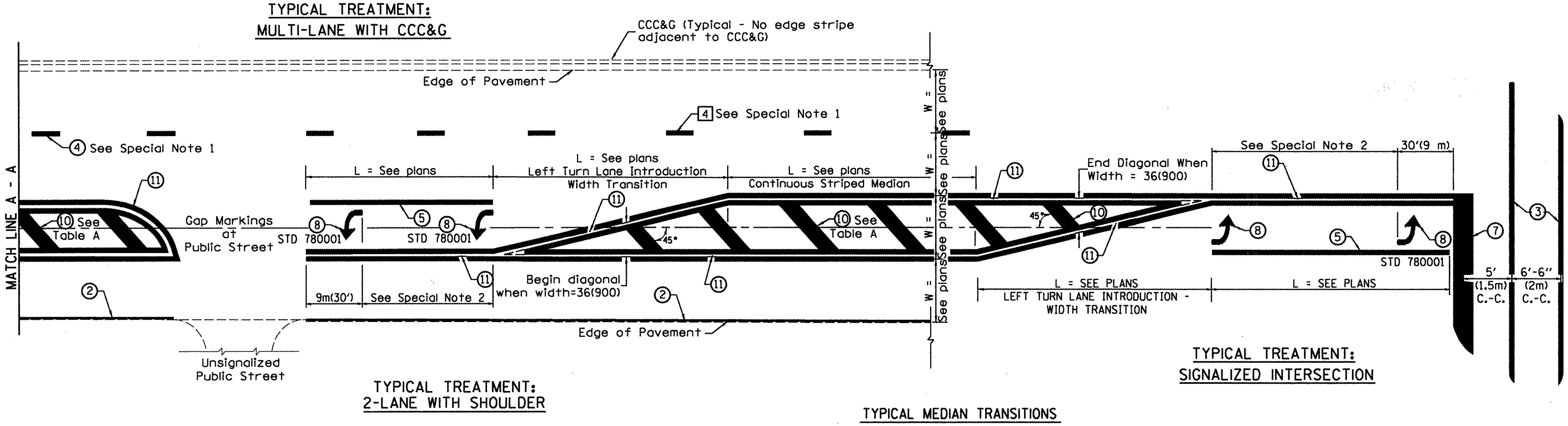
DESIGNER NOTES:
1. Include State Standard 780001 (Typical Pavement Markings)

01-01-97	RENUM. E-8.03, NEW REVISION BOX	I.P.	10-16-06	REVISED TO 2007 SPEC.	
02-07-97	ADD BI DIRECTIONAL DIMENSION	J.A.			
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.			
08-02	ADD CROSSWALKS OMNS. WITH I.S.	M.A.			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL PAVEMENT MARKINGS
NOT TO SCALE
SHT. 1 OF 2
CADD SIG. 780001-04

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2370	(1,2)RS-2	PUTNAM	32	31
		CONTRACT NO. 68558		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

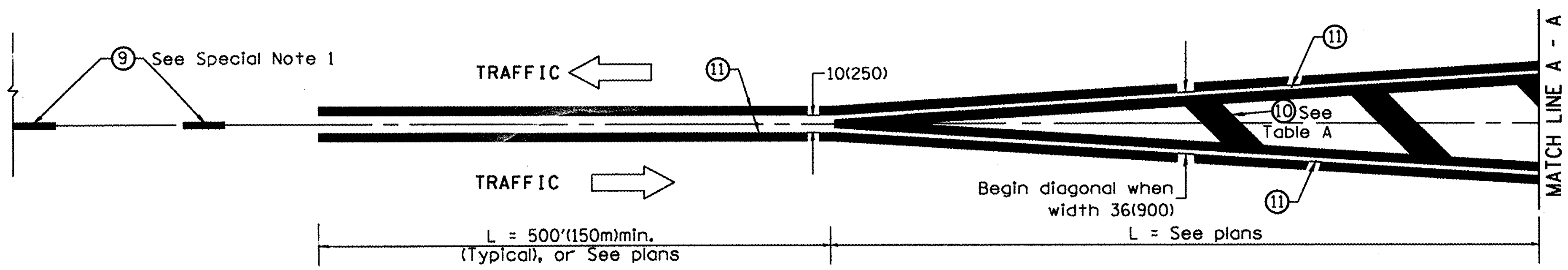


FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

TABLE A

RECOMMENDED SPACING BETWEEN DIAGONAL LINES

SPEED LIMIT RANGE	CONTINUOUS	INTERSECTION CHANNELIZATION (Includes Width Transitions for Median and Left Turn Lane Introductions)
Less Than 30 mph (50 km/h)	50' (15m)	15' (5m)
30 - 45 mph (50 - 70 km/h)	75' (23m)	20' (6m)
Over 45 mph (70 km/h)	150' (46m)	30' (9m)



MEDIAN INTRODUCTION - WIDTH TRANSITIONS

All dimensions are in inches (millimeters) unless otherwise noted.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL PAVEMENT MARKINGS	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	NOT TO SCALE	2370	(1,2)RS-2	PUTNAM	32	32
	SHT. 2 OF 2 CADD STD. 780001-04			CONTRACT NO. 68558		
		FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		