

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	FAU 361 23 OVERLAY	WILL	30	1
FED. ROAD DIST. NO. 1		ILLINOIS	CONTRACT NO. 62V10	

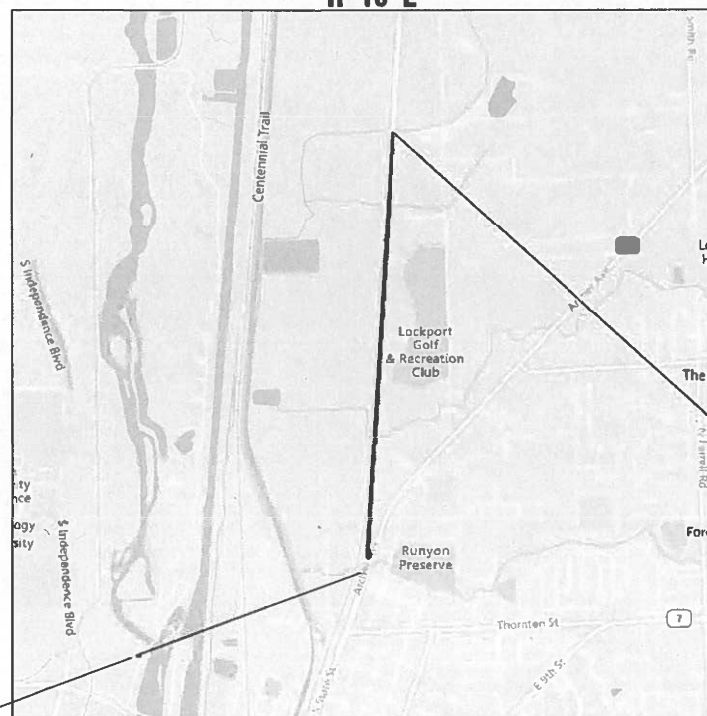
PROPOSED HIGHWAY PLANS

ROUTE FAU 361: NEW AVENUE
IL 171 (STATE ST) TO LONG RUN CREEK
SECTION FAU 361 23 OVERLAY
PROJECT STP-2AG6(012)
DESIGNED OVERLAY
WILL COUNTY

C-91-211-23

R 10 E

T 36 N



PROJECT ENDS
STATION 98 + 93

PROJECT BEGINS
STATION 10 + 30

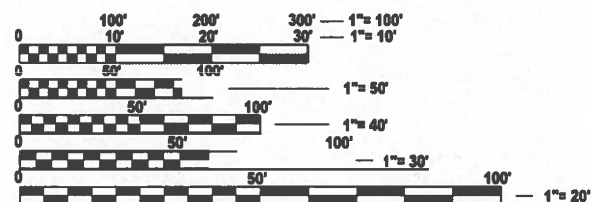
FOR INDEX OF SHEETS, SEE SHEET NO. 2

THIS PROJECT IS LOCATED IN THE CITY
OF LOCKPORT

TRAFFIC DATA:
ADT = 5,750 (2021)

POSTED SPEED LIMIT
FROM STA 10+30.00 TO STA 35+36.00 = 45 MPH
FROM STA 35+36.00 TO STA 98+93.00 = 55 MPH

DESIGN DESIGNATION:
MINOR ARTERIAL



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: LUKASZ POCIECHA, (847) 705-4255
PROJECT MANAGER: FAWAD AQUEEL

CONTRACT NO. 62V10

LOCKPORT TOWNSHIP

GROSS LENGTH = 8863.0 FT = 1.68 MILE
NET LENGTH = 8863.0 FT = 1.68 MILE

D-91-148-23



LOCATION OF SECTION INDICATED THUS: - [black rectangle] -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED October 16, 2023
John P. Rind, P.E.
REGIONAL ENGINEER

December 8, 2023
Scott A. Etkin
ENGINEER OF DESIGN AND ENVIRONMENT

December 8, 2023
Stephen M. Smith
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

STATE STANDARDS

GENERAL NOTES (CONTINUED...)

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES
3-7	SUMMARY OF QUANTITIES
8-11	EXISTING AND PROPOSED TYPICAL SECTIONS
12-14	ROADWAY PLANS
15	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5m) (BD-01)
16	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB < 15' (4.5m) (BD-02)
17	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING (BD-08)
18	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)
19	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)
20	BUTT JOINT AND HMA TAPER DETAILS (BD-32)
21	HMA TAPER AT EDGE OF P.C.C. PAVEMENT (BD-33)
22	DETAILS FOR DEPRESSED CURB & GUTTER AND SHOULDER TREATMENT AT TBT TY. 1 SPL. (BD-34)
23	RUMBLE STRIPS FOR CENTERLINE, NON-FREEWAY (BD-55)
24	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
25	TYPICAL APPLICATIONS - RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) (TC-11)
26	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
27	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)
28	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS (TC-16)
29	ARTERIAL ROAD INFORMATION SIGN (TC-22)
30	DRIVEWAY ENTRANCE SIGNING (TC-26)

STANDARD NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
442201-03	CLASS C AND D PATCHES
482011-03	HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
604001-05	FRAME AND LIDS TYPE 1
604101-01	MEDIAN INLET FOR 24" (600 mm) REINFORCED CONCRETE PIPE
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
630001-12	STEEL PLATE BEAM GUARDRAIL
635001-02	DELINEATORS
642006-01	SHOULDER RUMBLE STRIPS, 8 in.
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5M) AWAY
701006-05	OFF-RD MOVING OPERATIONS, 2L, 2W, 15' (4.5 mm) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-04	OFF-RD OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701336-07	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES FOR SPEEDS >= 45 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901-09	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

11	THE CONTRACTOR SHALL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL DELIVER THE RECORD TO THE ENGINEER.
12	EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
13	THE ENGINEER SHALL CONTACT ERIC CAMPOS, AT ERIC.CAMPOS@ILLINOIS.GOV, A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
14	THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE NOTIFICATION OF ALL EMERGENCY SERVICES, SCHOOL DISTRICTS, I.D.O.T.'S COMMUNICATIONS CENTER, SPRINGFIELD TRUCK PERMIT SECTION AND OTHER AGENCIES AFFECTED BY THE CLOSURE. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR POSTING SIGNS THAT WILL INDICATE THE DATES THE CLOSURE WILL BE IN PLACE.
15	PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
16	OVERNIGHT LANE CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURES AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS.
17	CITY WATER AND SEWER MAINS MAY BE LOCATED IN THE LANDSCAPE AREA. THE CONTRACTOR WILL NOT BE ALLOWED TO PROCEED WITH ANY PLANTING WORK UNTIL ALL UTILITY OWNERS FIELD LOCATE THEIR FACILITIES WHICH MAY INTERFERE WITH CONSTRUCTION OPERATIONS. THE ACTUAL LOCATION OF PROPOSED LANDSCAPING WILL BE ADJUSTED IN THE FIELD TO AVOID UTILITIES.
18	BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) AT 8-1-1 OR (800) 892-0123 FOR FIELD LOCATION OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES (48 HOUR NOTIFICATION IS REQUIRED).
19	THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE CITY OF LOCKPORT.

GENERAL NOTES

1	THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
2	ALL MILLED SURFACES SHALL BE A UNIFORM CROSS SLOPE PER LANE AND FREE OF RIDGES BETWEEN PASSES. ANY DEVIATIONS SHALL BE CORRECTED AT NO COST TO THE DEPARTMENT.
3	ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
4	LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT [OR COMBINATION CURB AND GUTTER (THE TYPE SPECIFIED ON THE PLANS)], WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
5	TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTER AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN.
6	DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
7	IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
8	FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
9	STORM SEWER CONSTRUCTED UNDER THE ROADWAY SHALL BE BACKFILLED ACCORDING TO METHOD 1 OF ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS.
10	THE CONTRACTOR SHALL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF PLATED STRUCTURES BY STATION AND OFFSET LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT.

MODEL: GenNotes-0001 (Sheet)
FILE NAME: p:\r\l\dot-p\k\benfey.com\FWIDOT\Documents\DOT Offices\District 1\ORR Projects\114823\CADDData\CADSheets\114823-sht-gennotes.dgn

USER NAME = Erik.Dunn	DESIGNED -	REVISED -
DRAWN -	DRAWN -	REVISED -
PLOT SCALE = 0.16666633 / in.	CHECKED -	REVISED -
PLOT DATE = 10/20/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES
NEW AVENUE, IL 171 (STATE ST) TO LONG RUN CREEK**

SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.
FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
361	FAU 361 23 OVERLAY	WILL	30	2	
	ILLINOIS	CONTRACT NO.	62V10		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT			

MODEL: SOQ Output SM 1 [Sheet]
 FILE NAME: p:\ilico-px\benley.com\FWIDOT\Documents\DOT_Offices\District 1\CRD Projects\114823\CADData\CADstreets\114823-sh-SOQ.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES	0005 80% FED 20% STATE	0005 100% STATE
20200100	EARTH EXCAVATION	CU YD	1140	1140	
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	7310	7310	
21400100	GRADING AND SHAPING DITCHES	FOOT	10259	10259	
25000210	SEEDING, CLASS 2A	ACRE	2	2	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	128	128	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	128	128	
25100630	EROSION CONTROL BLANKET	SQ YD	6840	6840	
25200110	SODDING, SALT TOLERANT	SQ YD	470	470	
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	371	371	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	20672	20672	
40600370	LONGITUDINAL JOINT SEALANT	FOOT	24298	24298	
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	46	46	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	84	84	
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	190	190	
40602985	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70	TON	3430	3430	
*	SPECIALTY ITEM				

USER NAME = Erik.Dunn	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 10/20/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
 NEW AVENUE, IL 171 (STATE ST) TO LONG RUN CREEK**

SCALE: NONE SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	FAU 361 23 OVERLAY	WILL	30	3
ILLINOIS		CONTRACT NO. 62V10		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

MODEL: SOQ Output SH 2 [Sheet]
 FILE NAME: p:\ilidot-pw.bentley.com\FWIDOT\Documents\IDOT_Offices\District 1\ORD Projects\114823\CADData\CADSheets\114823-sh-SOQ.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES URBAN	0005 80% FED 20% STATE	0005 100% STATE
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-0.5, MIX "D", N50	TON	42	42	
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-0.5, MIX "D", N70	TON	3043	3043	
42001300	PROTECTIVE COAT	SQ YD	748	748	
42300600	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 10 INCH	SQ YD	43	43	
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	30624	30624	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	414	414	
44002215	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3 3/4"	SQ YD	900	900	
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	197	197	
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	204	204	
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	482	482	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	370	370	
60250200	CATCH BASINS TO BE ADJUSTED	EACH	2	2	
60920012	PIPE CULVERTS TO BE CLEANED 12"	FOOT	434		434
60920018	PIPE CULVERTS TO BE CLEANED 18"	FOOT	916		916
*	SPECIALTY ITEM				

USER NAME = Erik.Dunn	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -
PLOT DATE = 10/20/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
 NEW AVENUE, IL 171 (STATE ST) TO LONG RUN CREEK**

SCALE: NONE SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	FAU 361 23 OVERLAY	WILL	30	4
		ILLINOIS	CONTRACT NO. 62V10	
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

MODEL: SOQ Output SH 3 [Sheet]
 FILE NAME: p:\ilidot-pw.bentley.com\FWIDOT\Documents\IDOT_Offices\District 1\ORD Projects\114823\CADData\CADSheets\114823-sh-SOQ.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES URBAN	0005 80% FED 20% STATE	0005 100% STATE
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	13426	13426	
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1140	1140	
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	8	8	
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1	
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1	
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	8	8	
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	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	3623	3623	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1510	1510	
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	19419	19419	
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	35	35	
*	SPECIALTY ITEM				

USER NAME = Erik.Dunn	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.16666633 / in.	CHECKED -	REVISED -
PLOT DATE = 10/20/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
 NEW AVENUE, IL 171 (STATE ST) TO LONG RUN CREEK**

SCALE: NONE SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	FAU 361 23 OVERLAY	WILL	30	5
		ILLINOIS	CONTRACT NO. 62V10	
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

MODEL: SOQ Output SH 4 [Sheet]
 FILE NAME: p:\ilidot-pw-bentley.com\FWIDOT\Documents\IDOT_Offices\District 1\ORD Projects\114823\CADData\CADSheets\114823-sh-SOQ.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES URBAN	0005 80% FED 20% STATE	0005 100% STATE
70306120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE III TAPE	FOOT	906	906	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	15868	15868	
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	35	35	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	145	145	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	145	145	
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	6844	6844	
X0326898	CENTER LINE - RUMBLE STRIP - 16"	FOOT	8699	8699	
X2020110	GRADING AND SHAPING SHOULDERS	UNIT	110	110	
X4060995	TEMPORARY RAMP (SPECIAL)	SQ YD	86	86	
X4400100	PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH)	SQ YD	200	200	
X4400501	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	FOOT	12	12	
X4400503	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET	FOOT	2103	2103	
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	1676	1676	
X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	105		105
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	7	7	
X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	12	12	
*	SPECIALTY ITEM				

USER NAME = Erik.Dunn	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -
PLOT DATE = 10/20/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

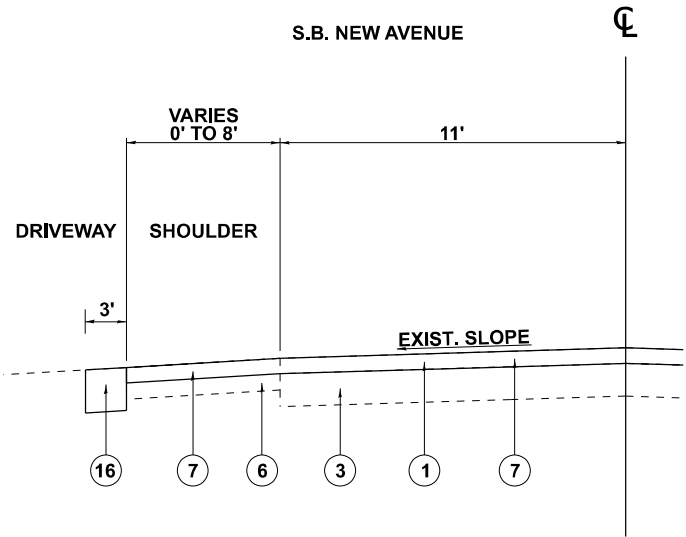
**SUMMARY OF QUANTITIES
 NEW AVENUE, IL 171 (STATE ST) TO LONG RUN CREEK**

SCALE: NONE SHEET 4 OF 5 SHEETS STA. TO STA.

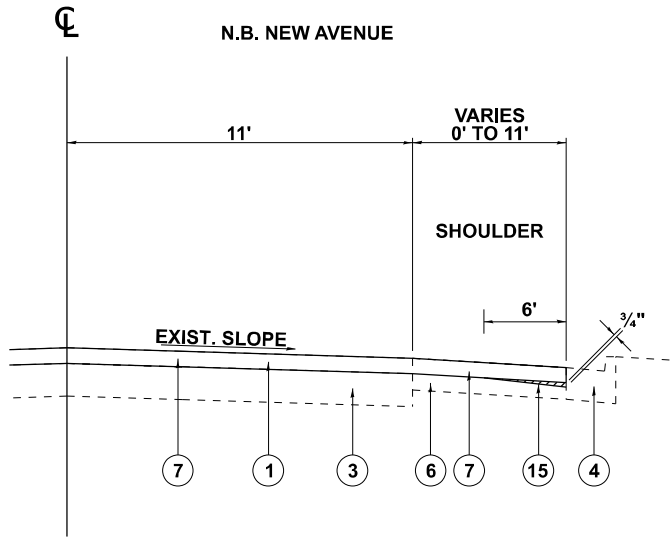
FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	FAU 381 23 OVERLAY	WILL	30	6
		ILLINOIS	CONTRACT NO. 62V10	
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

LEGEND

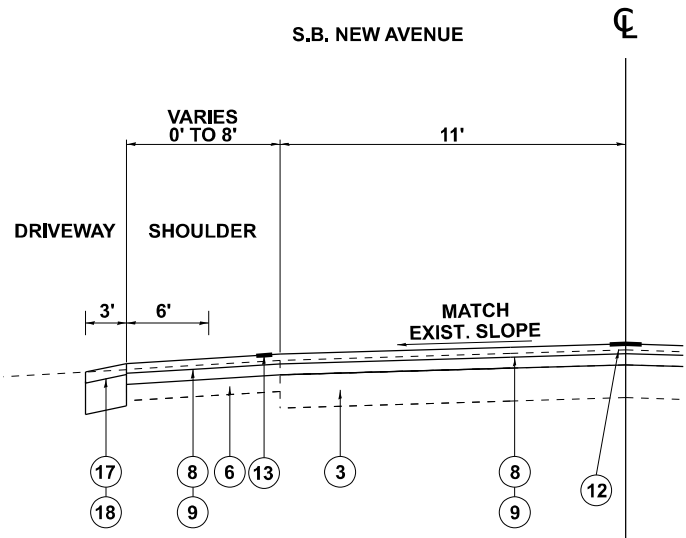
- ① EXISTING HOT-MIX ASPHALT PAVEMENT (+/- 2 3/4" to +/- 3 3/4")
- ①* EXISTING HOT-MIX ASPHALT PAVEMENT (+/- 4 1/2"), STA. 35+36 TO STA. 35+67 ONLY"
- ② EXISTING AGGREGATE SHOULDER
- ③ EXISTING PORTLAND CEMENT CONCRETE PAVEMENT (+/- 9")
- ④ EXISTING CONCRETE CURB AND GUTTER
- ⑤ EXISTING GUARDRAIL
- ⑥ EXISTING HOT-MIX ASPHALT SHOULDER (+/- 8")
- ⑦ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL (3 3/4")
- ⑧ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 (1 1/4")
- ⑨ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (2")
- ⑩ PROPOSED GRADING AND SHAPING SHOULDERS
- ⑪ PROPOSED AGGREGATE WEDGE SHOULDERS, TYPE B
- ⑫ PROPOSED CENTER LINE RUMBLE STRIPS, 16 INCH
- ⑬ PROPOSED SHOULDER RUMBLE STRIPS, 8 INCH
- ⑭ PROPOSED CONCRETE CURB AND GUTTER
- ⑮ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- ⑯ PROPOSED DRIVEWAY PAVEMENT REMOVAL
- ⑰ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX D, N50 (2")
- ⑱ PROPOSED HOT-MIX ASPHALT BASE COURSE (8")



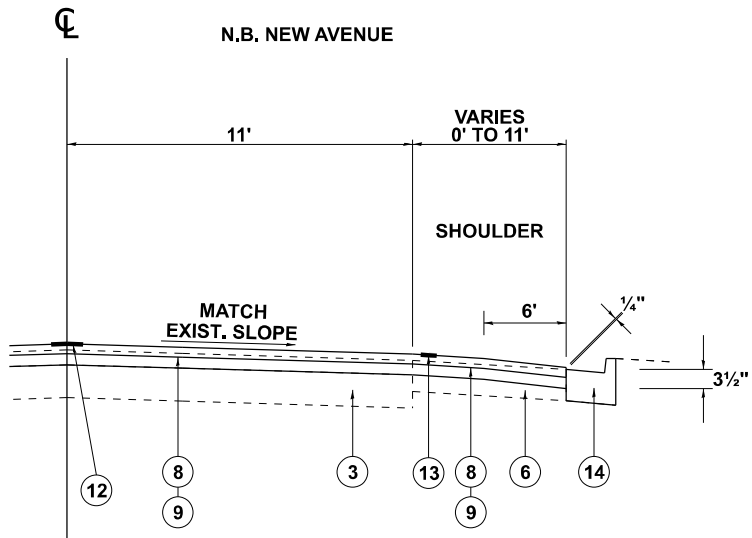
**NEW AVENUE, SOUTHBOUND
EXISTING TYPICAL SECTION**
STA. 11+62 TO 14+99



**NEW AVENUE, NORTHBOUND
EXISTING TYPICAL SECTION**
STA. 11+62 TO 16+08



**NEW AVENUE, SOUTHBOUND
PROPOSED TYPICAL SECTION**
STA. 11+62 TO 14+99



**NEW AVENUE, NORTHBOUND
PROPOSED TYPICAL SECTION**
STA. 11+62 TO 16+08

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE TYPE	AIR VOIDS @ Ndesign	
PAVEMENT RESURFACING		
HMA SURFACE COURSE, MIX "D", IL-9.5, N70 (1 1/4")	4% @ 70 GYR	QCP
HMA BINDER COURSE, IL-9.5, N70 (2")	4% @ 70 GYR	QCP
DRIVEWAYS		
HMA SURFACE COURSE, IL-9.5, MIX "D", N50 (2")	4% @ 50 GYR	QC/QA
HMA BASE COURSE (HMA BINDER IL-19.0); PE - 6", CE - 8"	4% @ 50 GYR	QC/QA
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19.0)	4% @ 70 GYR	QC/QA
HMA PLACEMENT OVER PATCHES (HMA BINDER IL-19.0)	4% @ 70 GYR	QC/QA
TEMPORARY RAMPS (SPECIAL)		
HMA BINDER COURSE, IL-9.5, N70	4% @ 70 GYR	QC/QA
QMP DESIGNATIONS: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PPF)		

NOTES:

1. CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT IS SHOWN AT VARIOUS LOCATIONS IN THE ROADWAY PLANS.
 2. PAVEMENT PATCHING SHALL BE DONE FIRST, BEFORE ROADWAY MILLING. SEE DISTRICT DETAIL BD-22.
 3. ROADWAY PROFILE IS EXPECTED TO BE SLIGHTLY HIGHER (0" TO 1") FROM APPROX. STA 11+62 TO STA. 76+77 BASED ON PAVEMENT CORE RESULTS.
- * THE TYPICAL SECTIONS ARE DRAWN NOT-TO-SCALE (NTS)

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE COURSE MIXTURES IS 112 LBS/SQYD/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.
3. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE HMA BC IL-9.5 N70.

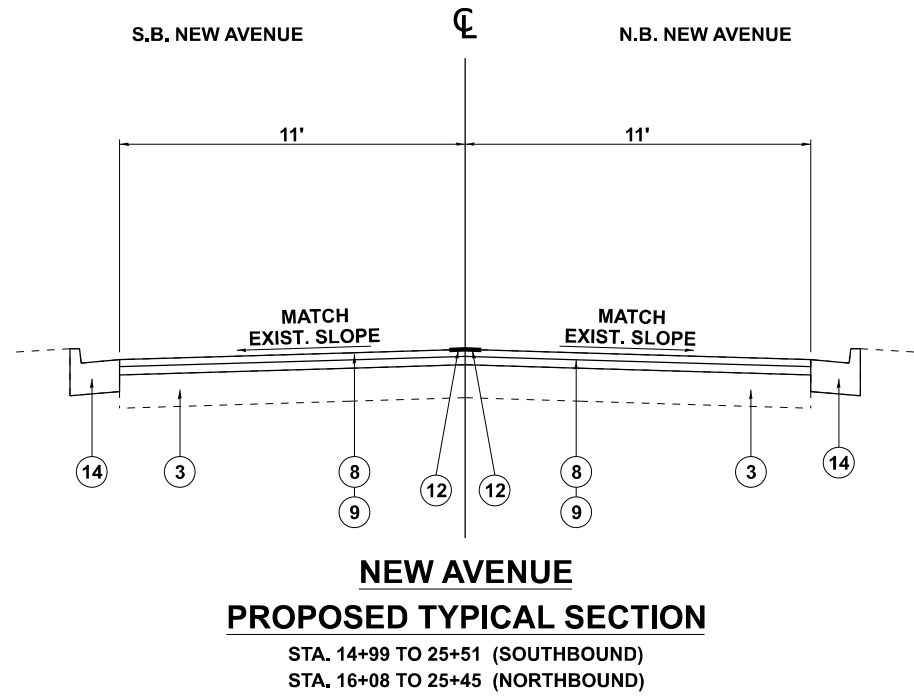
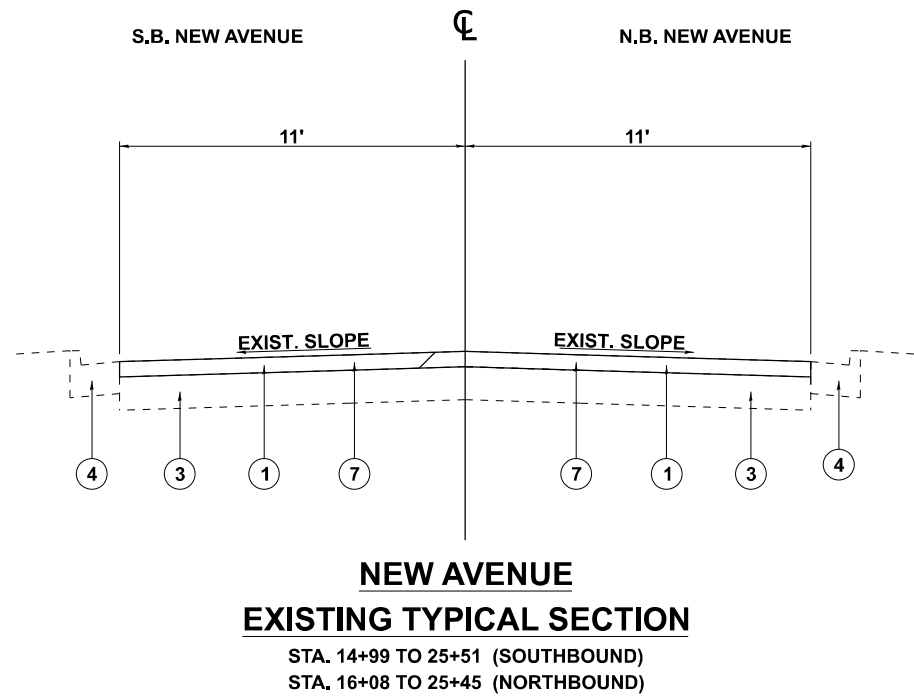
MODEL: TYP-0001 (Sheet) FILE NAME: p:\c\l\c\p\p\ben\ben\com\FWIDOT\Documents\DOT_Offices\District_1\ORD Projects\0114823\CADDData\CADStree\0114823-eh-typical.dgn

USER NAME = Erik.Dunn	DESIGNED -	REVISED - 11/30/2023
	DRAWN -	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -
PLOT DATE = 11/30/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED TYPICAL SECTIONS
NEW AVENUE, IL 171 (STATE ST) TO LONG RUN CREEK**

FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	FAU 361 23 OVERLAY	WILL	30	8
SCALE: NONE		ILLINOIS	CONTRACT NO. 62V10	
SHEET 1 OF 4 SHEETS		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		



LEGEND

- ① EXISTING HOT-MIX ASPHALT PAVEMENT (+/- 2 3/4" to +/- 3 3/4")
- ①* EXISTING HOT-MIX ASPHALT PAVEMENT (+/- 4 1/2"), STA. 35+36 TO STA. 35+67 ONLY"
- ② EXISTING AGGREGATE SHOULDER
- ③ EXISTING PORTLAND CEMENT CONCRETE PAVEMENT (+/- 9")
- ④ EXISTING CONCRETE CURB AND GUTTER
- ⑤ EXISTING GUARDRAIL
- ⑥ EXISTING HOT-MIX ASPHALT SHOULDER (+/- 8")
- ⑦ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL (3 3/4")
- ⑧ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 (1 3/4")
- ⑨ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (2")
- ⑩ PROPOSED GRADING AND SHAPING SHOULDERS
- ⑪ PROPOSED AGGREGATE WEDGE SHOULDERS, TYPE B
- ⑫ PROPOSED CENTER LINE RUMBLE STRIPS, 16 INCH
- ⑬ PROPOSED SHOULDER RUMBLE STRIPS, 8 INCH
- ⑭ PROPOSED CONCRETE CURB AND GUTTER
- ⑮ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- ⑯ PROPOSED DRIVEWAY PAVMENT REMOVAL
- ⑰ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX D, N50 (2")
- ⑱ PROPOSED HOT-MIX ASPHALT BASE COURSE (8")

NOTES:

- 1. CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT IS SHOWN AT VARIOUS LOCATIONS IN THE ROADWAY PLANS.
 - 2. PAVEMENT PATCHING SHALL BE DONE FIRST, BEFORE ROADWAY MILLING. SEE DISTRICT DETAIL BD-22.
 - 3. ROADWAY PROFILE IS EXPECTED TO BE SLIGHTLY HIGHER (0" TO 1") FROM APPROX. STA 11+62 TO STA. 76+77 BASED ON PAVEMENT CORE RESULTS.
- * THE TYPICAL SECTIONS ARE DRAWN NOT-TO-SCALE (NTS)

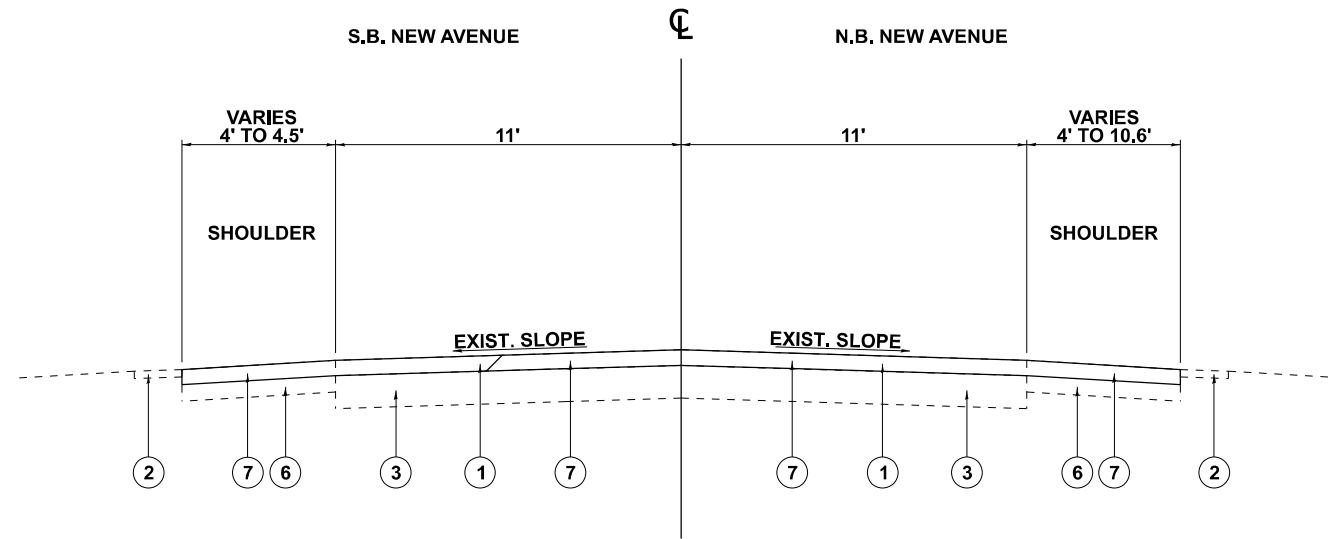
MODEL: TYP-0002 (Sheet)
FILE NAME: p:\c\l\c\p\ev\benley.com\FWIDOT\Documents\DOT_Offices\District 1\ORD Projects\114823\CADDData\CADSheets\114823-sht-typical.dgn

USER NAME = Erik.Dunn	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -
PLOT DATE = 10/20/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

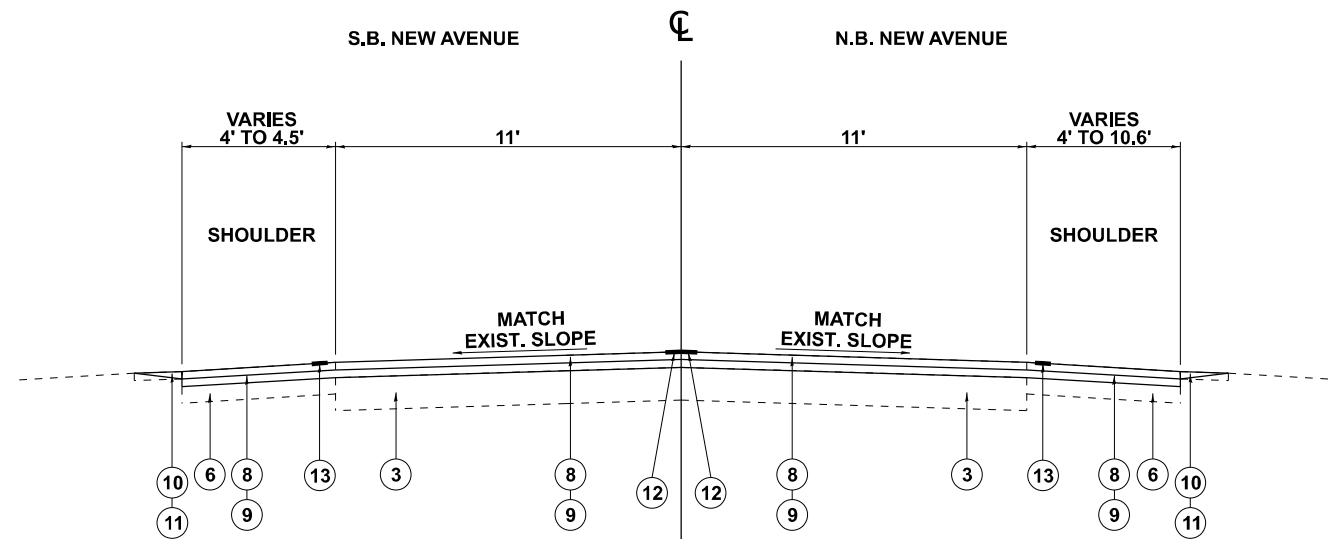
EXISTING AND PROPOSED TYPICAL SECTIONS	
NEW AVENUE, IL 171 (STATE ST) TO LONG RUN CREEK	
SCALE: NONE	SHEET 2 OF 4 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	FAU 361 23 OVERLAY	WILL	30	9
		ILLINOIS	CONTRACT NO. 62V10	
		FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT	



**NEW AVENUE
EXISTING TYPICAL SECTION**

APPROX. STA. 25+24 TO 33+70
 APPROX. STA. 37+12 TO 40+73
 APPROX. STA. 46+70 TO 57+47
 APPROX. STA. 63+70 TO 82+41
 APPROX. STA. 85+30 TO 93+92



**NEW AVENUE
PROPOSED TYPICAL SECTION**

APPROX. STA. 25+24 TO 33+70
 APPROX. STA. 37+12 TO 40+73
 APPROX. STA. 46+70 TO 57+47
 APPROX. STA. 63+70 TO 82+41
 APPROX. STA. 85+30 TO 93+92

* GRADING AND SHAPING AGGREGATE WEDGE SHOULDER LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.

LEGEND

- ① EXISTING HOT-MIX ASPHALT PAVEMENT (+/- 2 3/4" to +/- 3 3/4")
- ①* EXISTING HOT-MIX ASPHALT PAVEMENT (+/- 4 1/2"), STA. 35+36 TO STA. 35+67 ONLY"
- ② EXISTING AGGREGATE SHOULDER
- ③ EXISTING PORTLAND CEMENT CONCRETE PAVEMENT (+/- 9")
- ④ EXISTING CONCRETE CURB AND GUTTER
- ⑤ EXISTING GUARDRAIL
- ⑥ EXISTING HOT-MIX ASPHALT SHOULDER (+/- 8")
- ⑦ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL (3 3/4")
- ⑧ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 (1 3/4")
- ⑨ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (2")
- ⑩ PROPOSED GRADING AND SHAPING SHOULDERS
- ⑪ PROPOSED AGGREGATE WEDGE SHOULDERS, TYPE B
- ⑫ PROPOSED CENTER LINE RUMBLE STRIPS, 16 INCH
- ⑬ PROPOSED SHOULDER RUMBLE STRIPS, 8 INCH
- ⑭ PROPOSED CONCRETE CURB AND GUTTER
- ⑮ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- ⑯ PROPOSED DRIVEWAY PAVEMENT REMOVAL
- ⑰ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX D, N50 (2")
- ⑱ PROPOSED HOT-MIX ASPHALT BASE COURSE (8")

NOTES:

1. CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT IS SHOWN AT VARIOUS LOCATIONS IN THE ROADWAY PLANS.
2. PAVEMENT PATCHING SHALL BE DONE FIRST, BEFORE ROADWAY MILLING. SEE DISTRICT DETAIL BD-22.
3. ROADWAY PROFILE IS EXPECTED TO BE SLIGHTLY HIGHER (0" TO 1") FROM APPROX. STA 11+62 TO STA. 76+77 BASED ON PAVEMENT CORE RESULTS.

* THE TYPICAL SECTIONS ARE DRAWN NOT-TO-SCALE (NTS)

MODEL: TYP-0003 (Sheet)
 FILE NAME: p:\c\l\cb-cv-bentley.com\FWIDOT\Documents\DOT_Offices\District 1\CRD Projects\114823\CADDData\CADSheets\114823-shl-typical.dgn

USER NAME = Erik.Dunn	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633 / in.	DRAWN -	REVISED -
PLOT DATE = 10/20/2023	CHECKED -	REVISED -
	DATE -	REVISED -

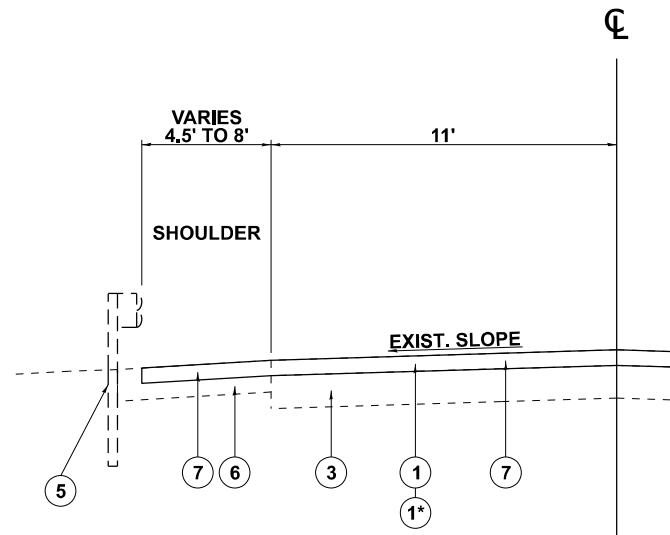
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED TYPICAL SECTIONS
NEW AVENUE, IL 171 (STATE ST) TO LONG RUN CREEK**

SCALE: NONE SHEET 3 OF 4 SHEETS STA. TO STA.

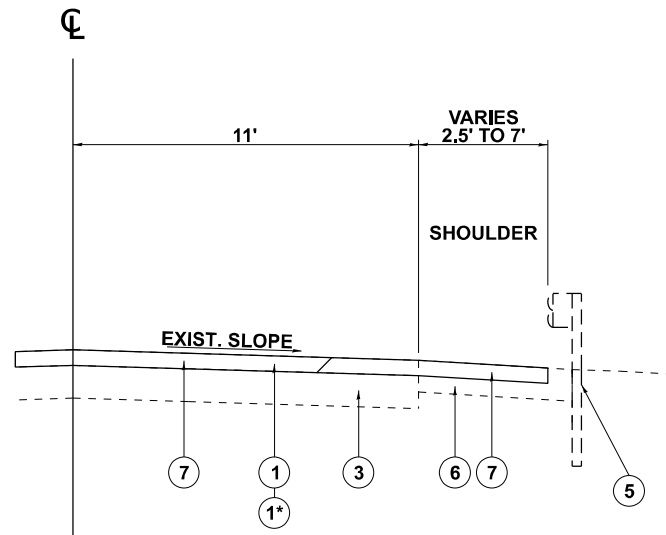
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	FAU 361 23 OVERLAY	WILL	30	10
ILLINOIS		CONTRACT NO. 62V10		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

MODEL: TYP-0004 (Sheet)
 FILE NAME: p:\c\l\cb-pxv-bentley.com\FWIDOT\Documents\DOT_Offices\District 1\ORD Projects\114823\CADDData\CADSheets\114823-eh-typical.dgn



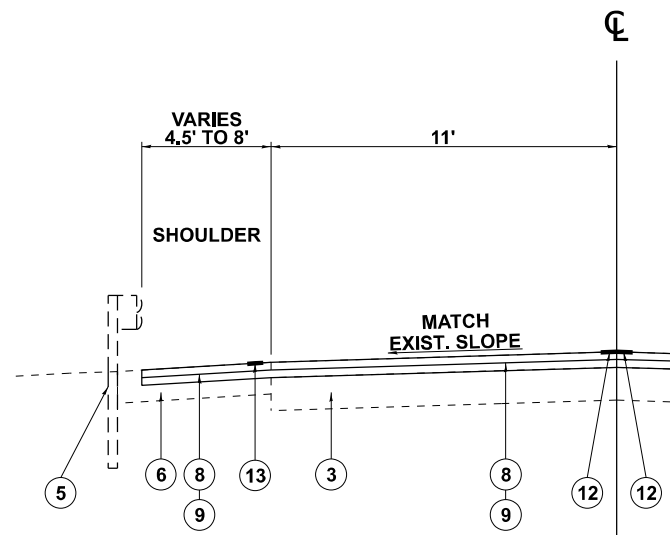
**NEW AVENUE, SOUTHBOUND
 EXISTING TYPICAL SECTION**

APPROX. STA. 33+70 TO 38+57
 APPROX. STA. 82+37 TO 85+09
 APPROX. STA. 98+53 TO 98+93



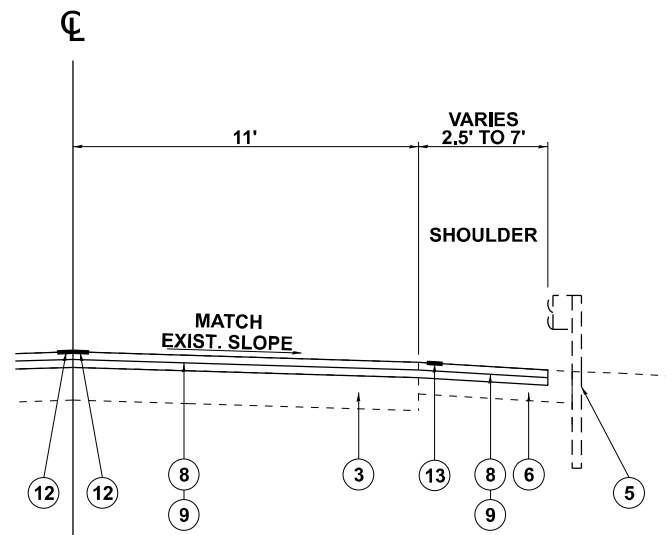
**NEW AVENUE, NORTHBOUND
 EXISTING TYPICAL SECTION**

APPROX. STA. 32+45 TO 36+56
 APPROX. STA. 82+41 TO 85+30
 APPROX. STA. 93+92 TO 98+93



**NEW AVENUE, SOUTHBOUND
 PROPOSED TYPICAL SECTION**

APPROX. STA. 33+70 TO 38+57
 APPROX. STA. 82+37 TO 85+09
 APPROX. STA. 98+53 TO 98+93



**NEW AVENUE, NORTHBOUND
 PROPOSED TYPICAL SECTION**

APPROX. STA. 32+45 TO 36+56
 APPROX. STA. 82+41 TO 85+30
 APPROX. STA. 93+92 TO 98+93

LEGEND

- ① EXISTING HOT-MIX ASPHALT PAVEMENT (+/- 2 3/4" to +/- 3 3/4")
- ①* EXISTING HOT-MIX ASPHALT PAVEMENT (+/- 4 1/2"), STA. 35+36 TO STA. 35+67 ONLY"
- ② EXISTING AGGREGATE SHOULDER
- ③ EXISTING PORTLAND CEMENT CONCRETE PAVEMENT (+/- 9")
- ④ EXISTING CONCRETE CURB AND GUTTER
- ⑤ EXISTING GUARDRAIL
- ⑥ EXISTING HOT-MIX ASPHALT SHOULDER (+/- 8")
- ⑦ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL (3 3/4")
- ⑧ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 (1 3/4")
- ⑨ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70 (2")
- ⑩ PROPOSED GRADING AND SHAPING SHOULDERS
- ⑪ PROPOSED AGGREGATE WEDGE SHOULDERS, TYPE B
- ⑫ PROPOSED CENTER LINE RUMBLE STRIPS, 16 INCH
- ⑬ PROPOSED SHOULDER RUMBLE STRIPS, 8 INCH
- ⑭ PROPOSED CONCRETE CURB AND GUTTER
- ⑮ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- ⑯ PROPOSED DRIVEWAY PAVMENT REMOVAL
- ⑰ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX D, N50 (2")
- ⑱ PROPOSED HOT-MIX ASPHALT BASE COURSE (8")

NOTES:

1. CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT IS SHOWN AT VARIOUS LOCATIONS IN THE ROADWAY PLANS.
2. PAVEMENT PATCHING SHALL BE DONE FIRST, BEFORE ROADWAY MILLING. SEE DISTRICT DETAIL BD-22.
3. ROADWAY PROFILE IS EXPECTED TO BE SLIGHTLY HIGHER (0" TO 1") FROM APPROX. STA 11+62 TO STA. 76+77 BASED ON PAVEMENT CORE RESULTS.

* THE TYPICAL SECTIONS ARE DRAWN NOT-TO-SCALE (NTS)

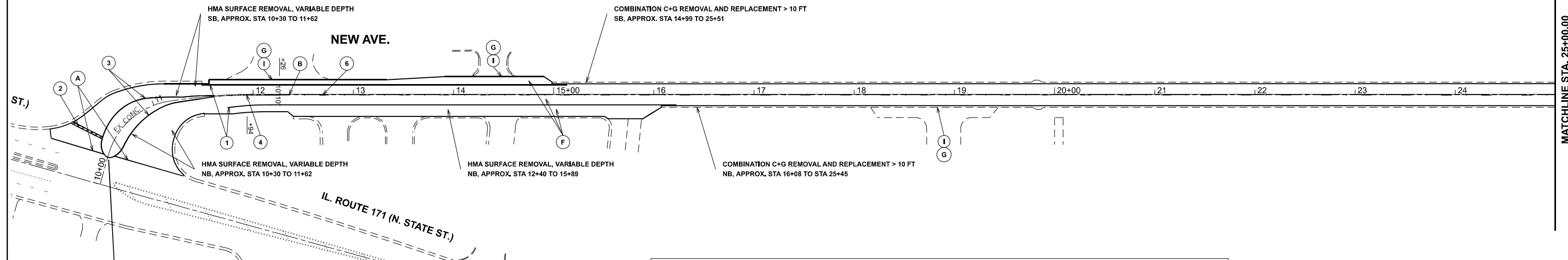
USER NAME = Erik.Dunn	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.16666833' / in.	CHECKED -	REVISED -
PLOT DATE = 10/20/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED TYPICAL SECTIONS
 NEW AVENUE, IL 171 (STATE ST) TO LONG RUN CREEK**

SCALE: NONE SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	FAU 361 23 OVERLAY	WILL	30	11
		ILLINOIS	CONTRACT NO. 62V10	
		FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT	

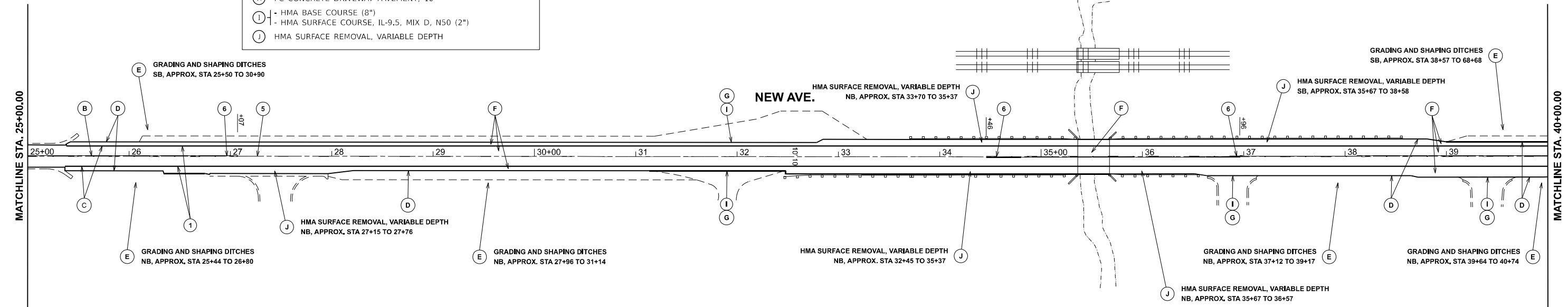


MATCHLINE STA. 25+00.00

RESURFACING LIMIT BEGINS
STA. 10+30.00

- PROPOSED ROADWAY LEGEND**
- (A) HMA SURFACE REMOVAL - BUTT JOINT (TYP.)
 - (B) CENTERLINE RUMBLE STRIP - 16"
 - (C) SHOULDER RUMBLE STRIP - 8"
 - (D) - GRADING AND SHAPING SHOULDERS
- AGGREGATE WEDGE SHOULDERS
 - (E) GRADING AND SHAPING DITCHES
 - (F) - HMA SURFACE REMOVAL (3 3/4")
- HMA SURFACE COURSE, IL-9.5, N70 (1 3/4")
- HMA BINDER COURSE, IL-9.5, N70 (2")
 - (G) DRIVEWAY PAVEMENT REMOVAL
 - (H) PC CONCRETE DRIVEWAY PAVEMENT, 10"
 - (I) - HMA BASE COURSE (8")
- HMA SURFACE COURSE, IL-9.5, MIX D, N50 (2")
 - (J) HMA SURFACE REMOVAL, VARIABLE DEPTH

- PAVEMENT MARKING LEGEND**
- (1) THERMOPLASTIC PVMT MARKING, 4" SOLID WHITE EDGE LINE (TYP.)
 - (2) THERMOPLASTIC PVMT MARKING, 24" SOLID WHITE STOP BAR (TYP.)
 - (3) HOT SPRAY THERM. PVMT MARKING, 4" SOLID YELLOW LINE (TYP.)
 - (4) HOT SPRAY THERM. PVMT MARKING, 4" DOUBLE SOLID YELLOW LINE 2 @ 11" C-C (TYP.)
 - (5) HOT SPRAY THERM. PVMT MARKING, 4" SKIP DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.)
 - (6) HOT SPRAY THERM. PVMT MARKING, 4" SOLID YELLOW NO PASSING ZONE SOLID LINE FOR ONE DIRECTION 5 1/2" C-C FROM SKIP-DASH CENTERLINE, 10' DASH - 30' SKIP (TYP.)
- NOTE: ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13



MATCHLINE STA. 25+00.00

MATCHLINE STA. 40+00.00

MODEL: NEWAY_E - RdwyPlan01
FILE NAME: c:\p\114823\CADDData\CADstheets\0114823-sht-plan.dgn

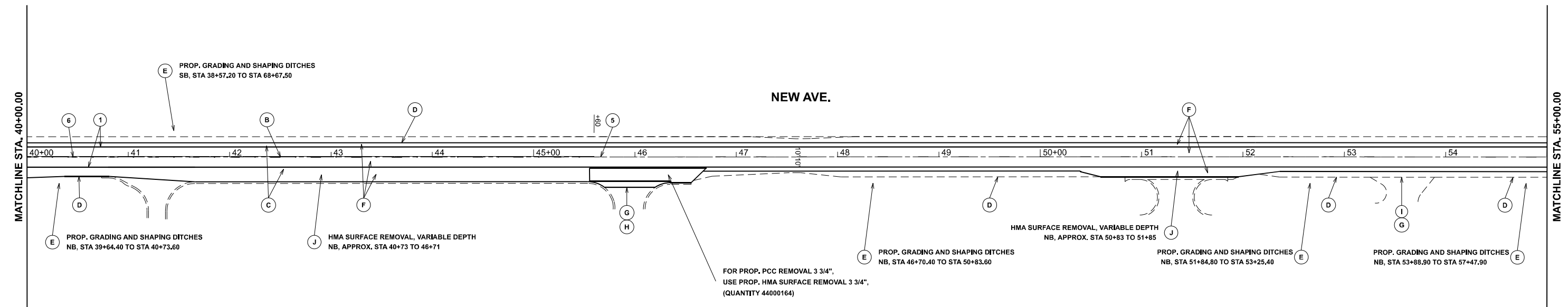
USER NAME = Erik.Dunn	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.16666833 / in.	CHECKED -	REVISED -
PLOT DATE = 10/20/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLANS
NEW AVENUE, IL 171 (STATE ST) TO LONG RUN CREEK**

SCALE: 1" = 50' SHEET 1 OF 3 SHEETS STA. 10+30.00 TO STA. 40+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	FAU 361 23 OVERLAY	WILL	30	12
		ILLINOIS	CONTRACT NO. 62V10	
		FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT	



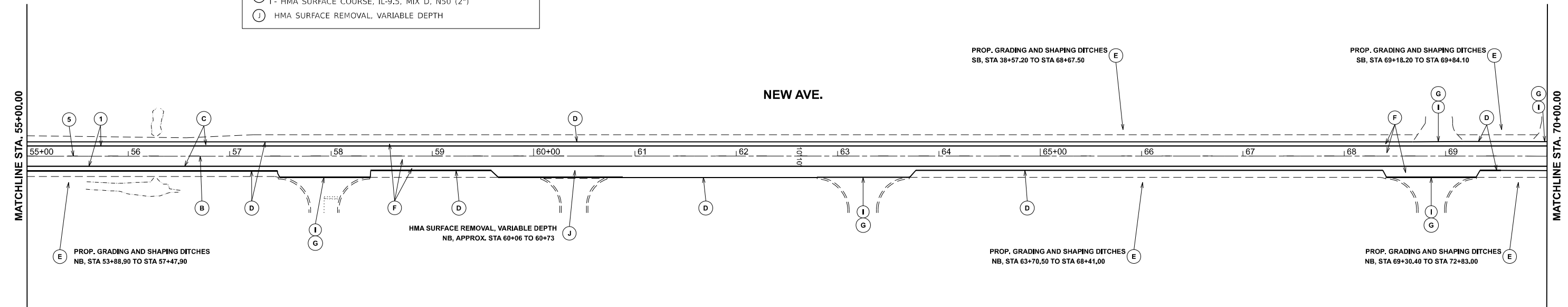
PROPOSED ROADWAY LEGEND

- (A) HMA SURFACE REMOVAL - BUTT JOINT (TYP.)
- (B) CENTERLINE RUMBLE STRIP - 16"
- (C) SHOULDER RUMBLE STRIP - 8"
- (D) GRADING AND SHAPING SHOULDERS
- AGGREGATE WEDGE SHOULDERS
- (E) GRADING AND SHAPING DITCHES
- (F) HMA SURFACE REMOVAL (3 3/4")
- HMA SURFACE COURSE, IL-9.5, N70 (1 3/4")
- HMA BINDER COURSE, IL-9.5, N70 (2")
- (G) DRIVEWAY PAVEMENT REMOVAL
- (H) PC CONCRETE DRIVEWAY PAVEMENT, 10"
- (I) HMA BASE COURSE (8")
- HMA SURFACE COURSE, IL-9.5, MIX D, N50 (2")
- (J) HMA SURFACE REMOVAL, VARIABLE DEPTH

PAVEMENT MARKING LEGEND

- (1) THERMOPLASTIC PVMT MARKING,
4" SOLID WHITE EDGE LINE (TYP.)
- (2) THERMOPLASTIC PVMT MARKING,
24" SOLID WHITE STOP BAR (TYP.)
- (3) HOT SPRAY THERM. PVMT MARKING,
4" SOLID YELLOW LINE (TYP.)
- (4) HOT SPRAY THERM. PVMT MARKING,
4" DOUBLE SOLID YELLOW LINE 2 @ 11" C-C (TYP.)
- (5) HOT SPRAY THERM. PVMT MARKING,
4" SKIP DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.)
- (6) HOT SPRAY THERM. PVMT MARKING, 4" SOLID YELLOW
NO PASSING ZONE SOLID LINE FOR ONE DIRECTION 5 1/2" C-C
FROM SKIP-DASH CENTERLINE, 10' DASH - 30' SKIP (TYP.)

NOTE: ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13



MODEL: NEWAY_E - RdwyPlan03
FILE NAME: c:\p\114823\CADDData\CADSheets\114823-sh-plan.dgn

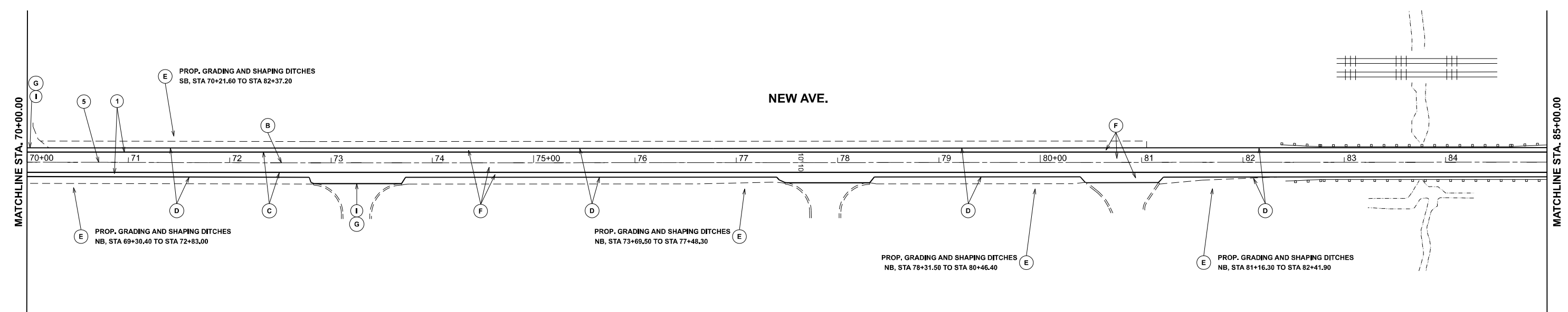
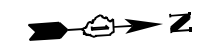
USER NAME = Erik.Dunn	DESIGNED -	REVISED -
PLOT SCALE = 0.16666833' / in.	DRAWN -	REVISED -
PLOT DATE = 10/20/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLANS
NEW AVENUE, IL 171 (STATE ST) TO LONG RUN CREEK**

SCALE: 1" = 50' SHEET 2 OF 3 SHEETS STA. 40+00.00 TO STA. 70+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	FAU 361 23 OVERLAY	WILL	30	13
ILLINOIS		CONTRACT NO. 62V10		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



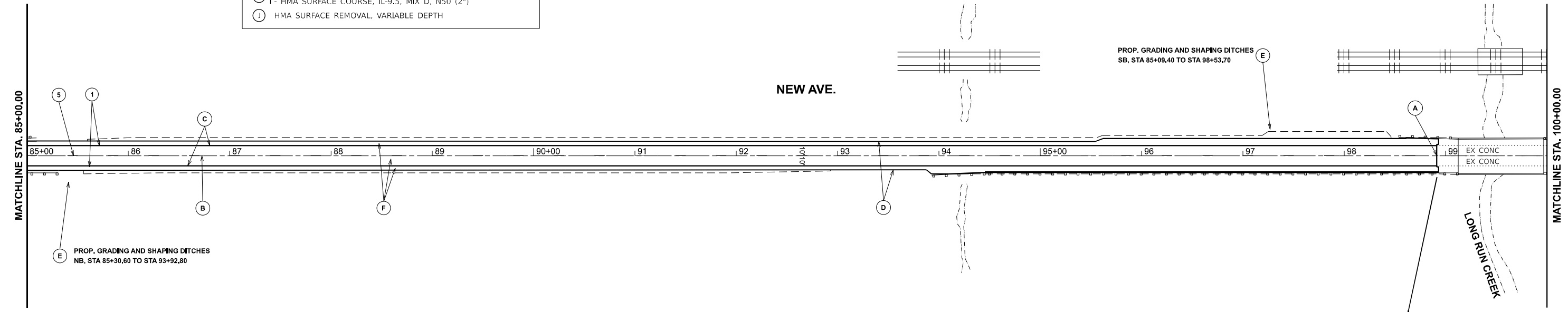
PROPOSED ROADWAY LEGEND

(A)	HMA SURFACE REMOVAL - BUTT JOINT (TYP.)
(B)	CENTERLINE RUMBLE STRIP - 16"
(C)	SHOULDER RUMBLE STRIP - 8"
(D)	- GRADING AND SHAPING SHOULDERS - AGGREGATE WEDGE SHOULDERS
(E)	GRADING AND SHAPING DITCHES
(F)	- HMA SURFACE REMOVAL (3 3/4") - HMA SURFACE COURSE, IL-9.5, N70 (1 3/4") - HMA BINDER COURSE, IL-9.5, N70 (2")
(G)	DRIVEWAY PAVEMENT REMOVAL
(H)	PC CONCRETE DRIVEWAY PAVEMENT, 10"
(I)	- HMA BASE COURSE (8") - HMA SURFACE COURSE, IL-9.5, MIX D, N50 (2")
(J)	HMA SURFACE REMOVAL, VARIABLE DEPTH

PAVEMENT MARKING LEGEND

(1)	THERMOPLASTIC PVMT MARKING, 4" SOLID WHITE EDGE LINE (TYP.)
(2)	THERMOPLASTIC PVMT MARKING, 24" SOLID WHITE STOP BAR (TYP.)
(3)	HOT SPRAY THERM. PVMT MARKING, 4" SOLID YELLOW LINE (TYP.)
(4)	HOT SPRAY THERM. PVMT MARKING, 4" DOUBLE SOLID YELLOW LINE 2 @ 11" C-C (TYP.)
(5)	HOT SPRAY THERM. PVMT MARKING, 4" SKIP DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.)
(6)	HOT SPRAY THERM. PVMT MARKING, 4" SOLID YELLOW NO PASSING ZONE SOLID LINE FOR ONE DIRECTION 5 1/2" C-C FROM SKIP-DASH CENTERLINE, 10' DASH - 30' SKIP (TYP.)

NOTE: ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE
DETAILS TC-11 AND TC-13



**RESURFACING LIMIT ENDS
STA. 98+93.00**

MODEL: NEWAY_E - RdwyPlan05
FILE NAME: p:\c\l\dot\p\w\entley.com\FWIDOT\Documents\DOT_Offices\District 1\CRD Projects\114823\CADDData\CAD\Sheets\114823-sh-plan.dgn

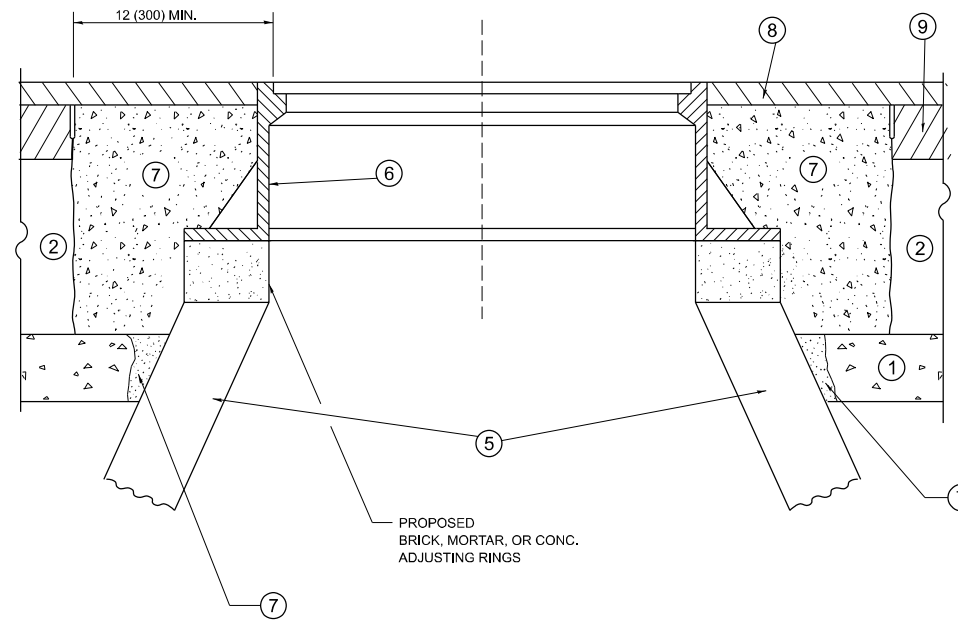
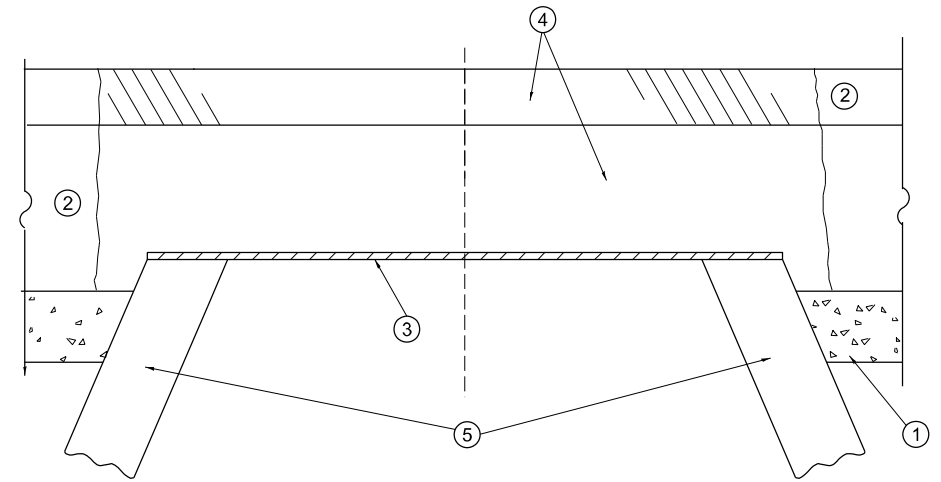
USER NAME = Erik.Dunn	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 10/20/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLANS
NEW AVENUE, IL 171 (STATE ST) TO LONG RUN CREEK**

SCALE: 1" = 50' SHEET 3 OF 3 SHEETS STA. 70+00.00 TO STA. 98+93.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	FAU 361 23 OVERLAY	WILL	30	14
		ILLINOIS	CONTRACT NO. 62V10	
		FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT	



**DETAILS FOR FRAMES AND LIDS ADJUSTMENT
WITH MILLING**

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 1 1/2 (40) HMA TO REMAIN AFTER MILLING).

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1 CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

*UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

- | | |
|--|-------------------------------|
| ① SUB-BASE GRANULAR MATERIAL | ⑥ FRAME AND LID (SEE NOTES) |
| ② EXISTING PAVEMENT | ⑦ CLASS PP-1 CONCRETE |
| ③ 36 (900) DIAMETER METAL PLATE | ⑧ PROPOSED HMA SURFACE COURSE |
| ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX | ⑨ PROPOSED HMA BINDER COURSE |
| ⑤ EXISTING STRUCTURE | |

LOCATION OF STRUCTURES

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT

- 1. REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."
- 2. THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.
- 3. NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.
- 4. WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

NOTES

- 1. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
- 2. IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.
- 3. CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
- 4. THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. ___+___ TO STA. ___+___

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	FAU 361 23 OVERLAY	WILL	30	17
BD600-03 (BD-08)			CONTRACT NO. 62V10	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

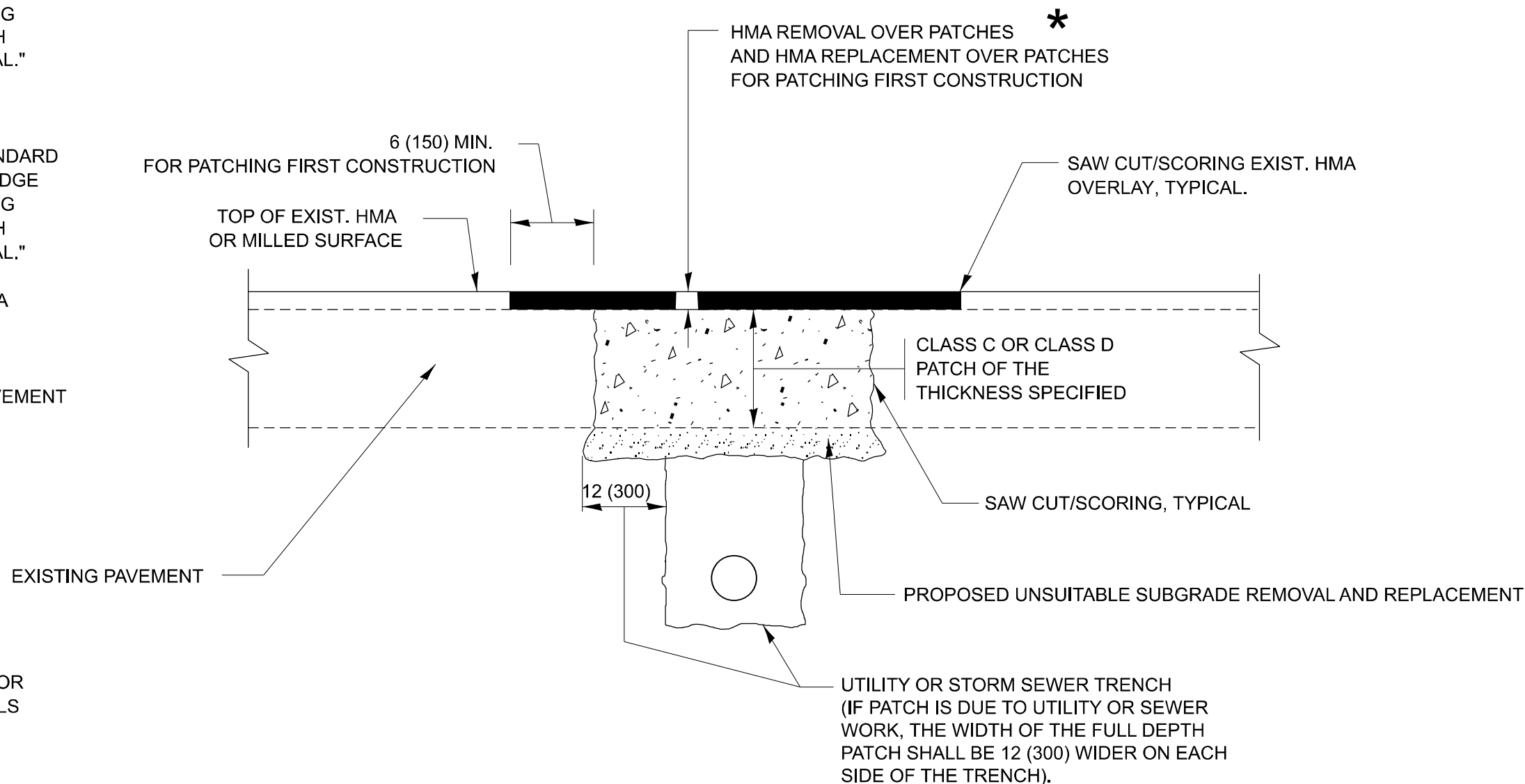
MODEL: BD-03 (SHEET) FILE NAME: P:\MIDOT\Documents\DOT Office\District 1\ORD Projects\114823\CADD\Drawings\CAD\Sheet\114823-41-42-5144.dgn

METHOD OF MEASUREMENT

REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."

BASIS OF PAYMENT

1. REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."
2. SAW CUT/SCORING OF EXISTING HMA OVERLAY IS INCLUDED IN THE COST OF PAVEMENT PATCHING.
3. SAW CUT/SCORING OF EXISTING PAVEMENT IS INCLUDED IN THE COST OF PAVEMENT PATCHING.



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

MODEL: BD-22 (9/14/17) FILE NAME: P:\MIDOT\Documents\DOT Office\District 1\ORIG Projects\114823\CADD\Drawings\CAD\Sheet\114823-HMA-S18a.dgn

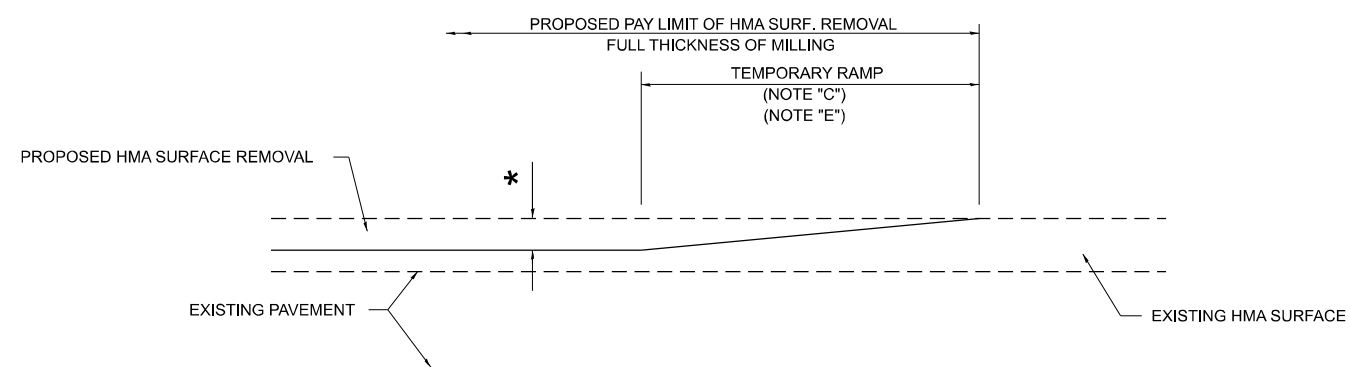
USER NAME = Erik.Dunn	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED - R. BORO 09-04-07
PLOT DATE = 10/20/2023	CHECKED -	REVISED - K. ENG 10-27-08
	DATE - 10-25-94	REVISED - K. SMITH 02-01-22

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT PATCHING FOR
HMA SURFACED PAVEMENT**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. ___+___ TO STA. ___+___

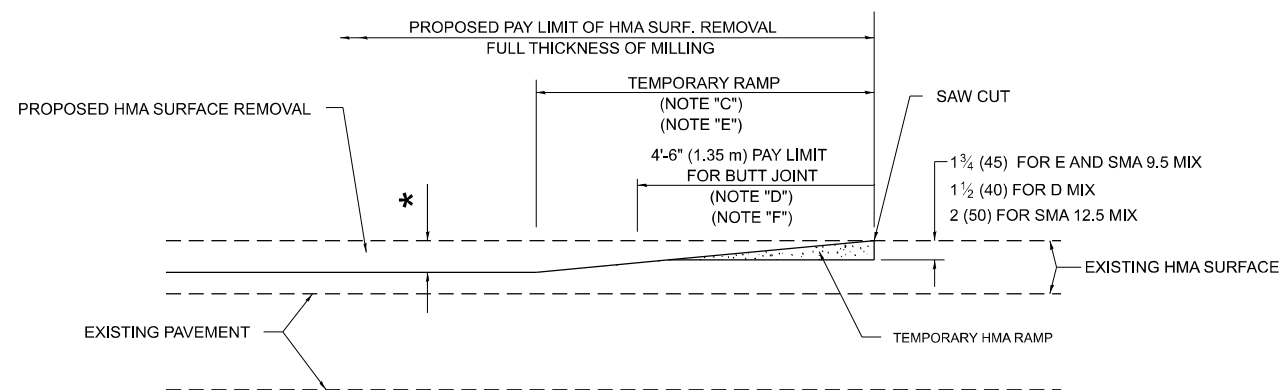
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	FAU 361 23 OVERLAY	WILL	30	18
BD400-04 (BD-22)			CONTRACT NO. 62V10	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

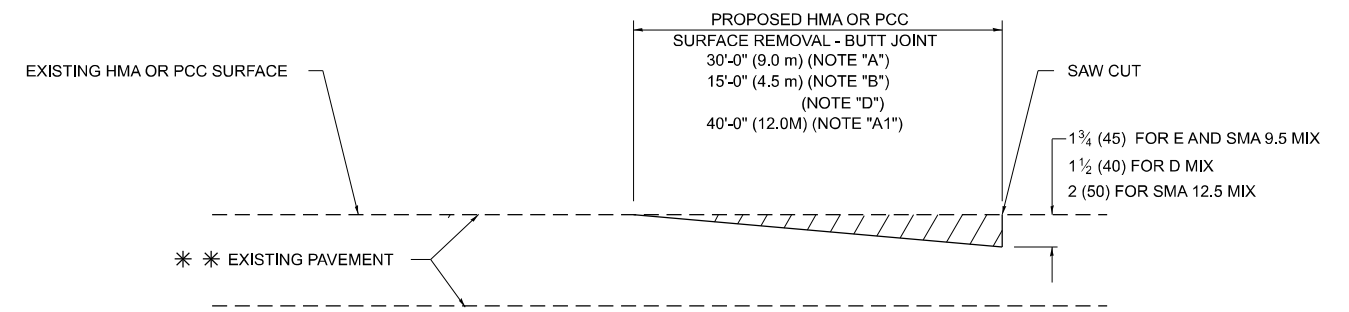


HMA CONSTRUCTED TEMPORARY RAMP

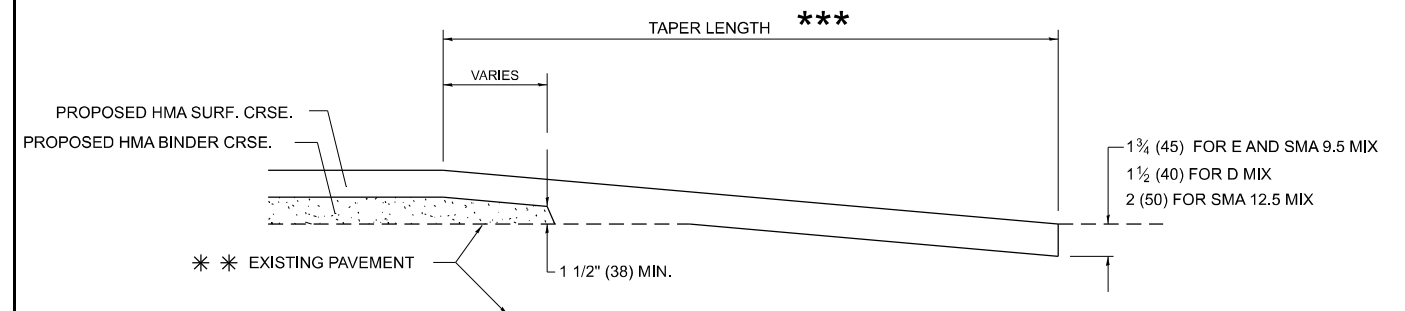
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

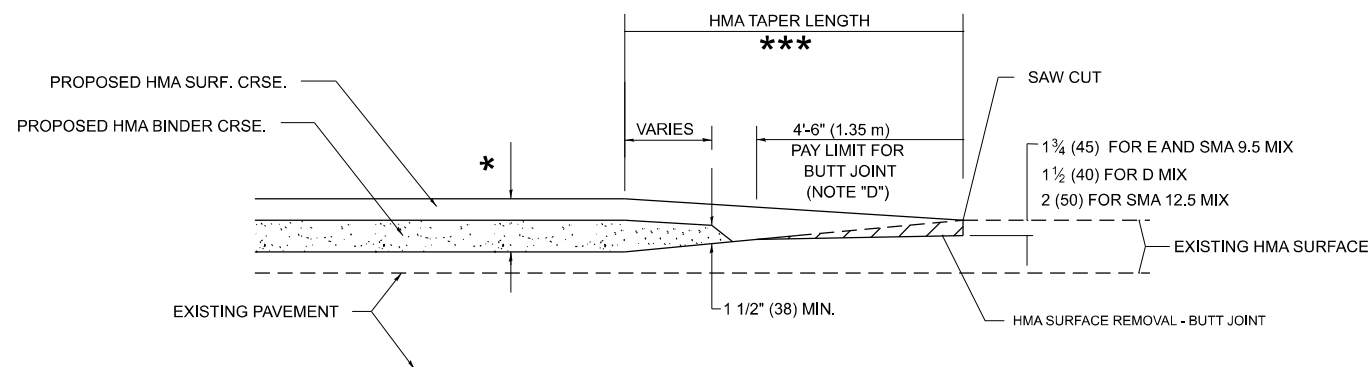
GENERAL NOTES

- A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
- A1. INTERSTATES
- B. MINOR SIDE ROADS.
- C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E. TAPER THE TEMP. RAMP AT A RATE OF 3' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.
* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

- 1. THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".
- 2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

MODEL: BD-32 (Rev. 1)
FILE NAME: \\fschaw.bentley.com\PWIDOT\Documents\DOT 0_csr\BtHrd_103rd_Project\0114823\CADD\0114823-31-01-01-01-01.dgn

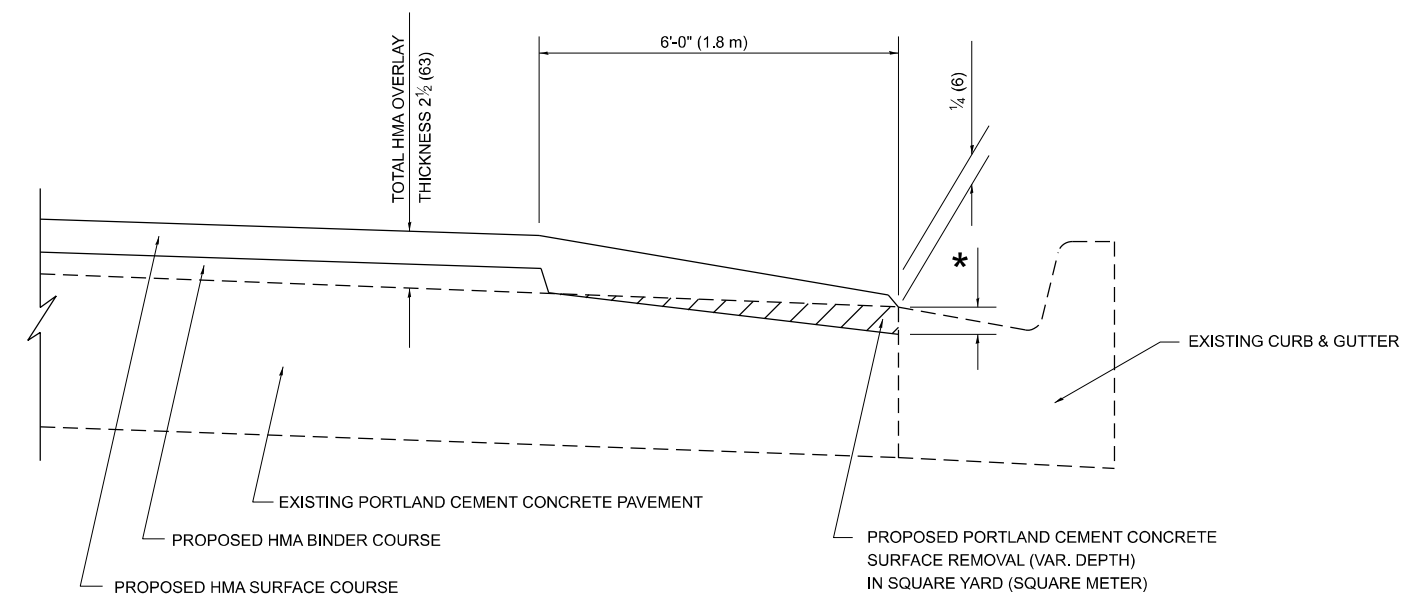
USER NAME = EriK.Dunn	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97
PLOT SCALE = 0.16666633 1 / in.	DRAWN -	REVISED - M. GOMEZ 04-06-01
PLOT DATE = 10/20/2023	CHECKED -	REVISED - R. BORO 01-01-07
	DATE - 06-13-90	REVISED - K. SMITH 11-18-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

SCALE: NONE SHEET 1 OF 1 SHEETS STA. ___+___ TO STA. ___+___

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	FAU 361 23 OVERLAY	WILL	30	20
BD400-05 BD-32		CONTRACT NO. 62V10		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**HMA TAPER AT
EDGE OF P.C.C. PAVEMENT**

HMA SURFACE COURSE	HMA BINDER COURSE		* MILLING AT GUTTER FLAG
MIX	THICKNESS	THICKNESS	
D	1 1/2 (38)	1 (25)	1 1/4 (33)
E OR SMA 9.5	1 3/4 (44)	3/4 (19)	1 1/2 (38)

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

MODEL: BD-33 (Sheet)
 FILE NAME: P:\Bids\pcc\kbf\pcc\p\DOT\Documents\DOT Office\District 1\ORD Project\0114823\CADD\Drawings\0114823-HMA\0114823-HMA.dgn

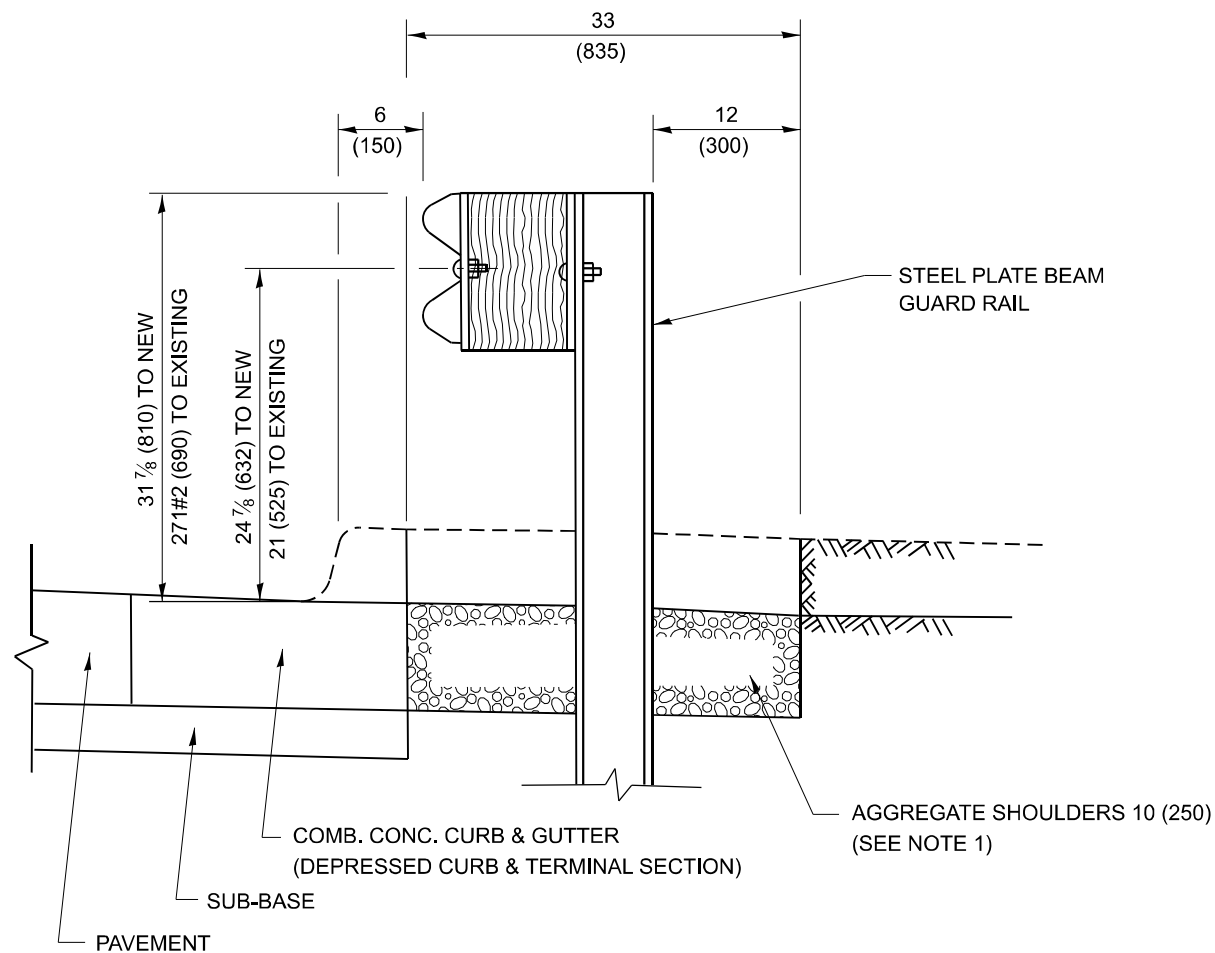
USER NAME = Erik.Dunn	DESIGNED - R. SHAH	REVISED - E. GOMEZ 12-21-00
	DRAWN - JIS	REVISED - R. BORO 01-01-07
PLOT SCALE = 0.16666633 1/ in.	CHECKED - A. ABBAS	REVISED - JP CHANG 07-08-16
PLOT DATE = 10/20/2023	DATE - 09-10-94	REVISED - K. SMITH 02-01-22

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HMA TAPER AT
EDGE OF P.C.C. PAVEMENT**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. ___+___ TO STA. ___+___

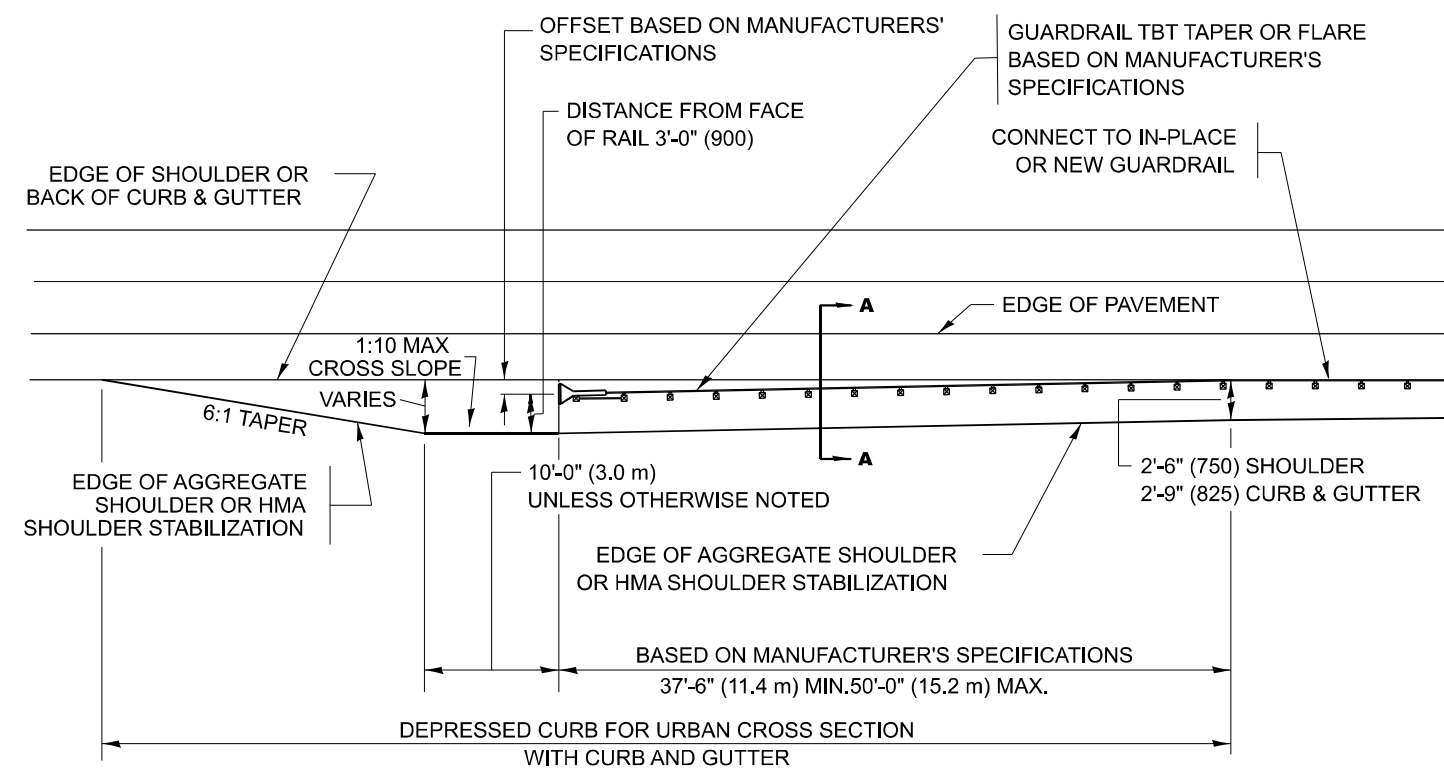
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	FAU 361 23 OVERLAY	WILL	30	21
BD400-06 BD-33		CONTRACT NO. 62V10		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



SECTION A-A

NOTES:

1. THE AGGREGATE SHOULDER, 10 (250) OR HMA SHOULDER, 6 (150) (IF REQUIRED) SHALL EXTEND UNDER THE TRAFFIC BARRIER TERMINAL.
2. "EXISTING" GUARDRAIL REFERS TO CONNECTING TERMINAL SECTION TO GUARD RAILING PRIOR TO THE MIDWEST GUARDRAIL SYSTEM.
3. THE CONTRACTOR SHALL VERIFY THE TYPE/HEIGHT OF GUARDRAIL IN-PLACE BEFORE ORDERING THE NEW TERMINAL SECTION. COST INCLUDED WITH THE COST OF THE TERMINAL. THE TERMINAL SECTION HEIGHT TO BE PLACED MUST MATCH THE HEIGHT OF THE IN-PLACE GUARDRAIL.



DEPRESSED CURB AND GUTTER AND SHOULDER TREATMENT AT TBT TY. 1 SPL.

AGGREGATE SHOULDER, 10 (250) WILL BE PAID ACCORDING TO SECTION 481.

HMA SHOULDERS 6 (150) (IF REQUIRED) WILL BE PAID ACCORDING TO SECTION 482.

COMB. CONC. C&G, STEEL PLATE BEAM GUARD RAIL AND TRAFFIC BARRIER TERMINAL, OF THE TYPE SPECIFIED WILL BE PAID FOR SEPARATELY.

TBT = TRAFFIC BARRIER TERMINAL
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

DETAILS FOR STEEL PLATE BEAM GUARD RAIL ADJACENT TO CURB AND GUTTER

[FOR ROADWAY SPEED 35 MPH (60 kmh) TO 45 MPH (70 kmh)]

MODEL: BD_34 (5/14/14)
FILE NAME: P:\Bids\2023\11\11\DOT\Documents\DOT Office\District 1\ORD Project\114823\CADD\Drawings\CAD\Sheet\114823-4-CH-5848.dgn

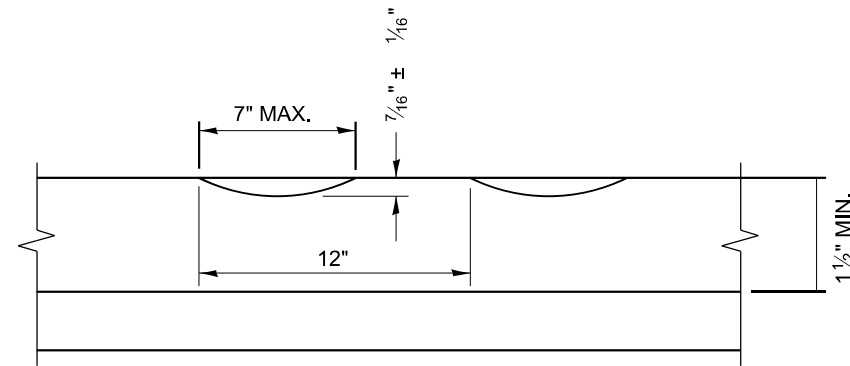
USER NAME = Erik.Dunn	DESIGNED - M. DE YONG	REVISED - R. BORO 12-08-2008
PLOT SCALE = 0.166666633' / in.	CHECKED -	REVISED - R. BORO 09-14-2009
PLOT DATE = 10/20/2023	DATE - 09-22-20	REVISED - R. BORO 08-06-2012
		REVISED - R. BORO 05-08-2015

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

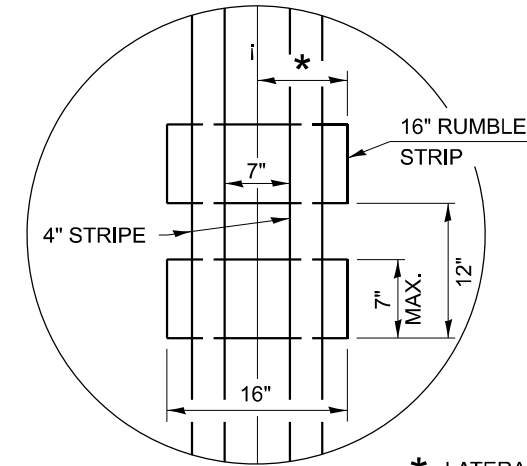
DETAILS FOR DEPRESSED CURB & GUTTER AND SHOULDER TREATMENT AT TBT TY. 1 SPL.

SCALE: NONE SHEET 1 OF 1 SHEETS STA. ___+___ TO STA. ___+___

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	FAU 361 23 OVERLAY	WILL	30	22
BD600-10 (BD 34)			CONTRACT NO. 62V10	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



SECTION A-A



* LATERAL DEVIATION SHALL NOT EXCEED ONE INCH IN 100 FEET.

DETAIL B

GENERAL NOTES

CENTERLINE RUMBLE STRIPS SHALL BE CONSTRUCTED ACCORDING TO SECTION 642 ALONG THE CENTERLINE OF PAVEMENT.

SEE STANDARD 780001 FOR OTHER STRIPING LAYOUTS.

RUMBLE STRIPS SHALL NOT BE PLACED ON BRIDGES.

ALL RUMBLE STRIPS SHALL BE MILLED.

CENTERLINE RUMBLE STRIPS SHALL BE CONTINUOUS THROUGH CONNECTIONS OF SIDEROADS WITH NO LEFT TURN LANES.

DISCONTINUE CENTERLINE RUMBLE STRIPS THROUGH THE LIMITS OF ALL LEFT TURN LANES, INCLUDING ANY LANE TAPER SECTIONS.

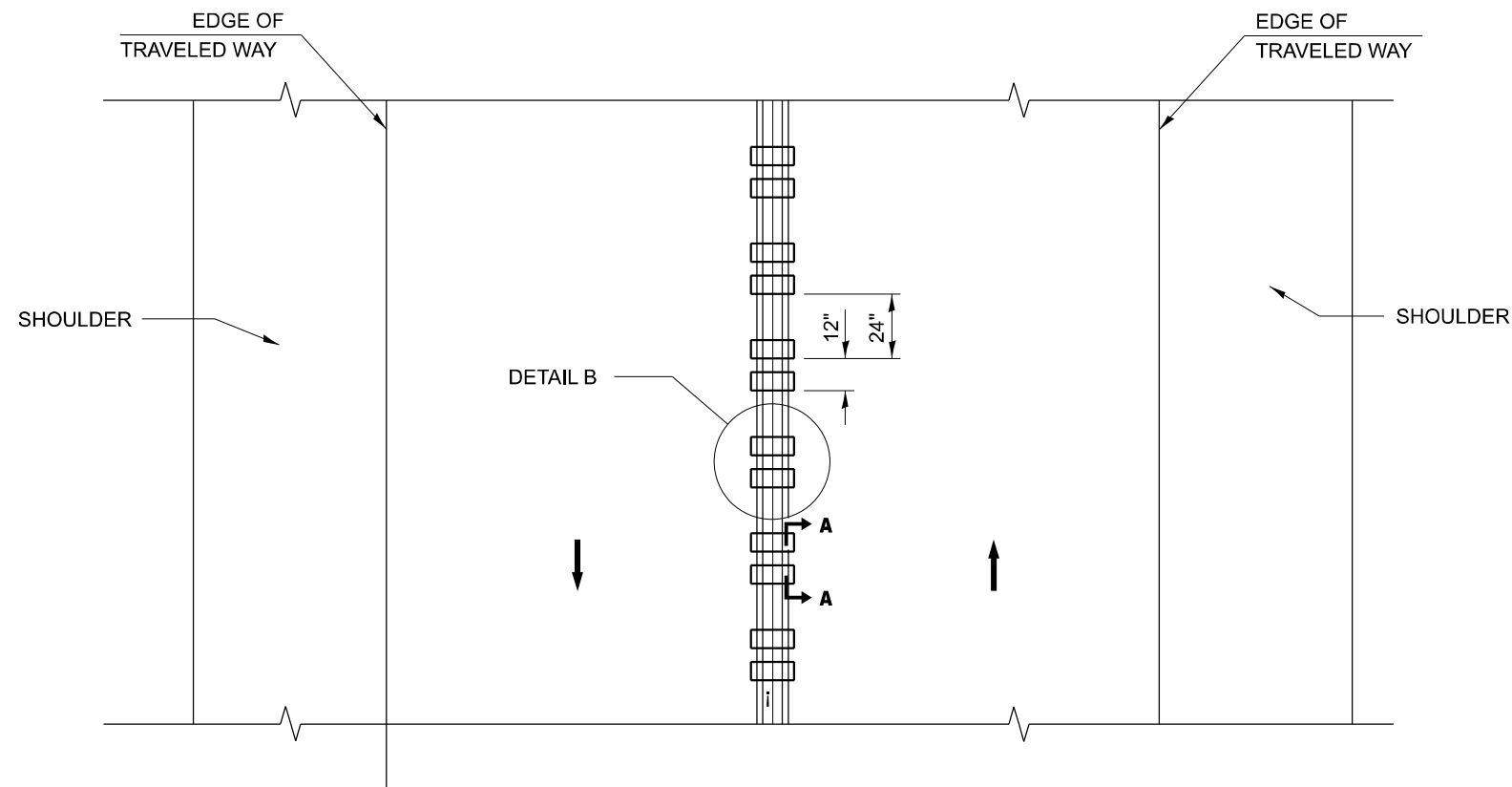
AFTER RUMBLE STRIPS ARE INSTALLED, THE PAVEMENT SURFACE SHALL BE SWEEPED CLEAN PRIOR TO THE PLACEMENT OF THE NEW PAVEMENT MARKINGS.

WHERE USED, ADJUST SPACING OF RAISED REFLECTIVE PAVEMENT MARKERS TO FALL IN WIDER GAP BETWEEN RUMBLE STRIPS.

BASIS OF PAYMENT

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR CENTERLINE-RUMBLE STRIP OF THE WIDTH SPECIFIED.

HOT-SPRAY THERMOPLASTIC PAVEMENT MARKING WILL BE USED OVER THE RUMBLE STRIPS, AND WILL BE PAID FOR SEPARATELY.



TWO-WAY ROAD

MODEL: BD-55 (Sheet)
FILE NAME: P:\Bids\2023\11\10\RD\Projects\11\10\RD\Projects\11\10\RD\CADD\Drawings\114823-CAD\Drawings\114823-CH-55-51.dgn

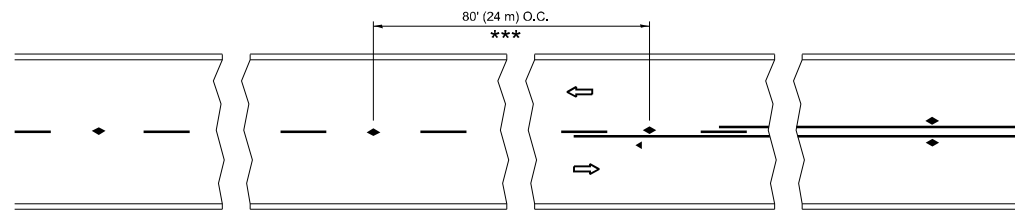
USER NAME = Erik.Dunn	DESIGNED - R. BORO	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 0.16666833 / in.	CHECKED -	REVISED -
PLOT DATE = 10/20/2023	DATE - 08-06-2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RUMBLE STRIPS FOR CENTERLINE, NON-FREEWAY

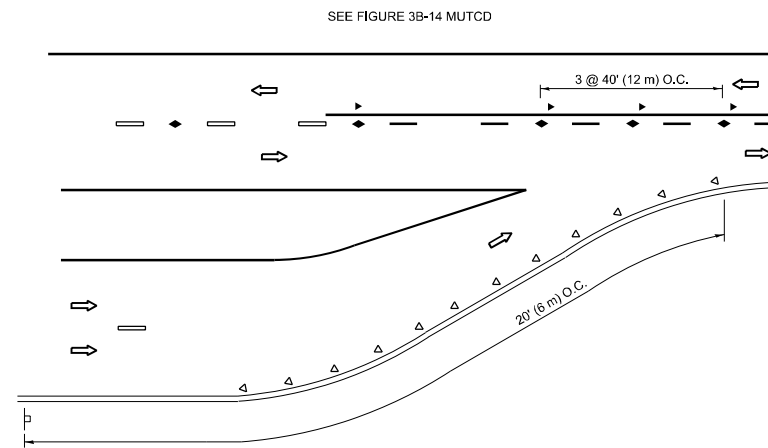
SCALE: NONE SHEET 1 OF 1 SHEETS STA. ___+___ TO STA. ___+___

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	FAU 361 23 OVERLAY	WILL	30	23
BD 55			CONTRACT NO. 62V10	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

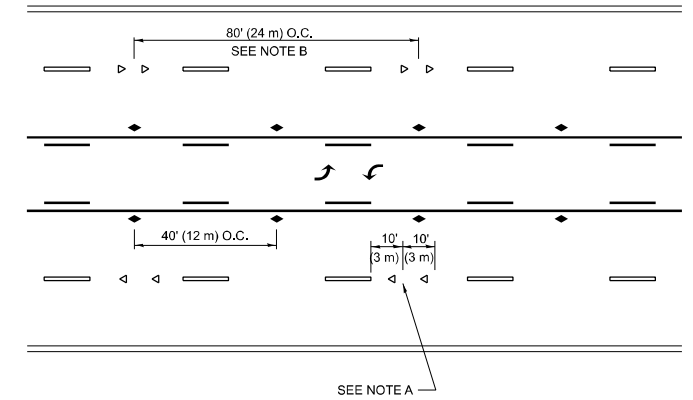


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

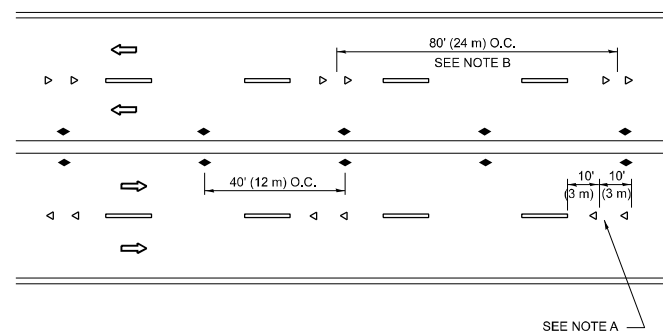
TWO-LANE/TWO-WAY



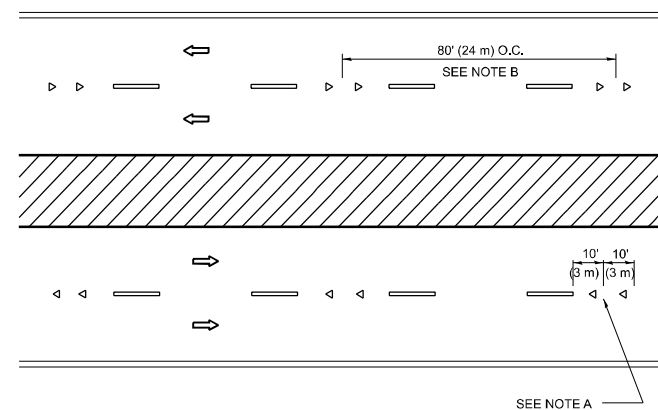
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

- MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
- MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
- MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.
- MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

SYMBOLS

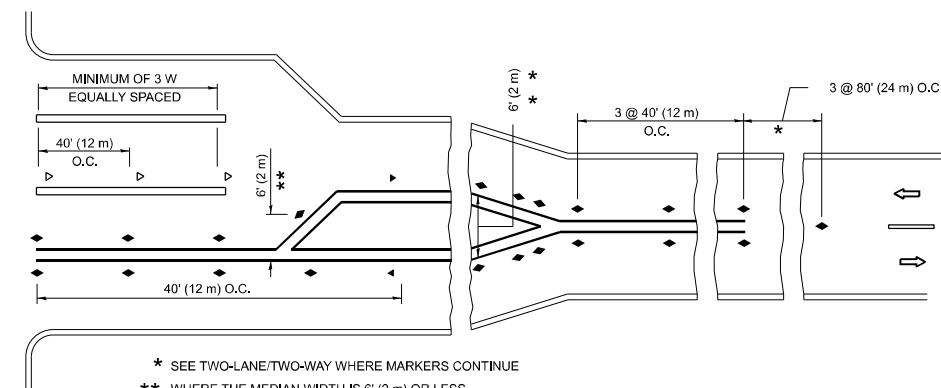
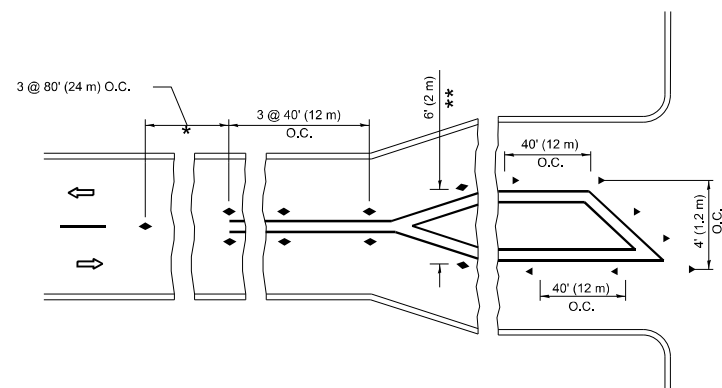
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

- DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
- EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
- THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
- MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

TURN LANES

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

MODEL: TC-1 (Sheet) FILE NAME: p:\bids\pavement\pavement\DOT\Office\District 1\ORD Project\011823\CADD\Drawings\011823-CH-01-01-01.dgn

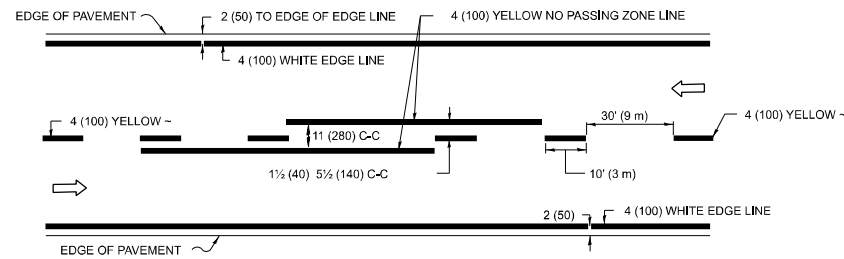
USER NAME = Erik.Dunn	DESIGNED -	REVISED - T. RAMMACHER 03-12-99
PLOT SCALE = 0.16666833 / in.	DRAWN -	REVISED - T. RAMMACHER 01-06-00
PLOT DATE = 10/20/2023	CHECKED -	REVISED - C. JUCIUS 09-09-09
	DATE -	REVISED - C. JUCIUS 07-01-13

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

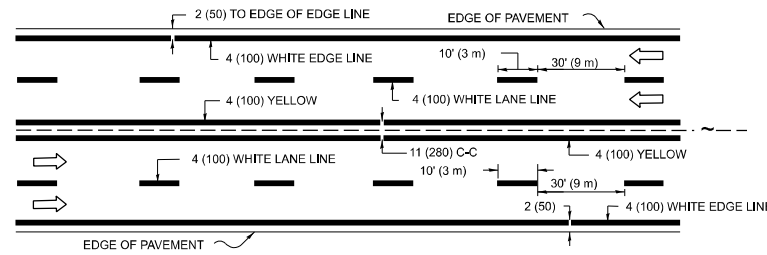
TYPICAL APPLICATIONS
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)

SCALE: NONE SHEET 1 OF 1 SHEETS STA. ___+___ TO STA. ___+___

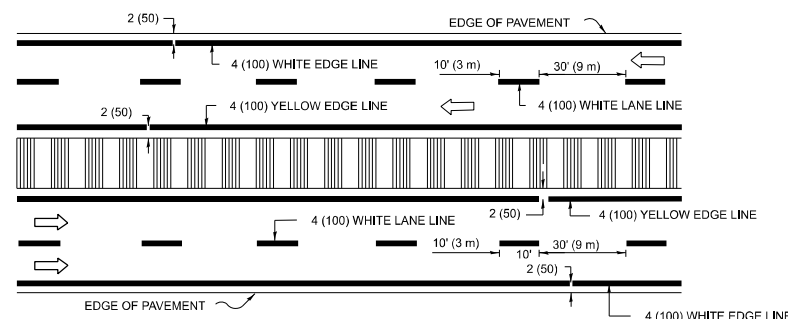
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	FAU 361 23 OVERLAY	WILL	30	25
TC-11			CONTRACT NO. 62V10	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

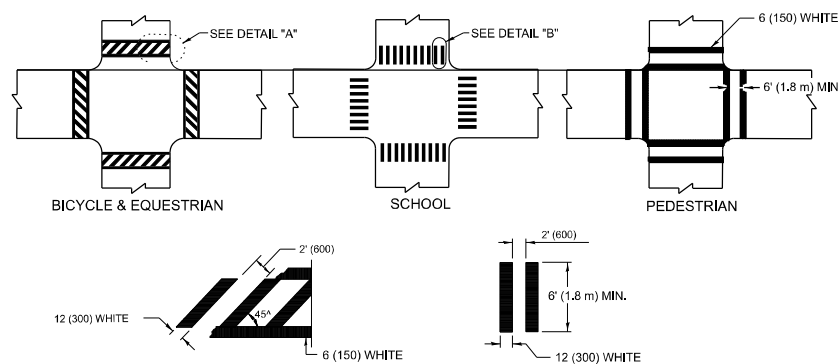


MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

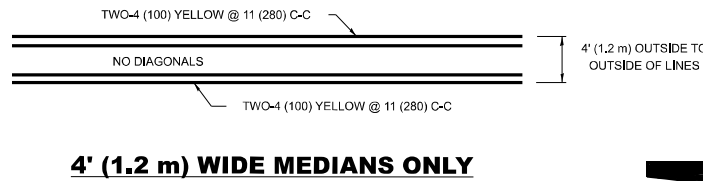


DETAIL "A"

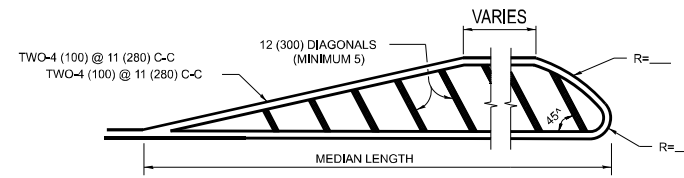
DETAIL "B"

TYPICAL CROSSWALK MARKING

* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

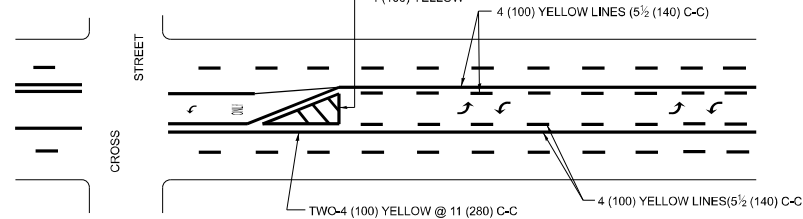


4' (1.2 m) WIDE MEDIANS ONLY



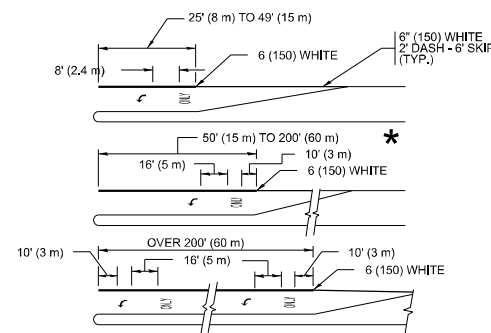
MEDIANS OVER 4' (1.2 m) WIDE

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C (30MPH (50 km/h) TO 45MPH (70 km/h))
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))



A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.

MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING

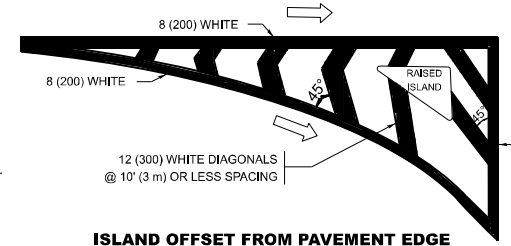


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

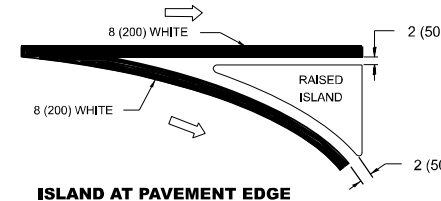
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

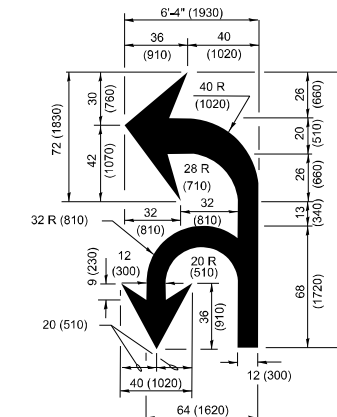


ISLAND OFFSET FROM PAVEMENT EDGE

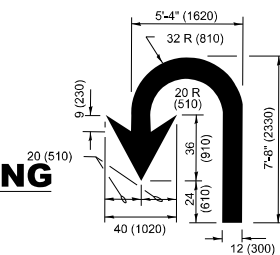


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE-FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES: "RR" IS 6' (1.8 m) LETTERS: 15 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

MODEL: TC-13 (Sheet) FILE NAME: p:\pavement\documents\DOT Office\District 1\ORD Project\0114823\CADD\Drawings\0114823-CH-01-01-01.dwg

USER NAME = Erik.Dunn	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED - C. JUCIUS 07-01-13
PLOT DATE = 10/20/2023	CHECKED -	REVISED - C. JUCIUS 12-21-15
	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE TYPICAL PAVEMENT MARKINGS

SCALE: NONE SHEET 1 OF 1 SHEETS STA. ___+___ TO STA. ___+___

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	FAU 361 23 OVERLAY	WILL	30	26
TC-13		CONTRACT NO. 62V10		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

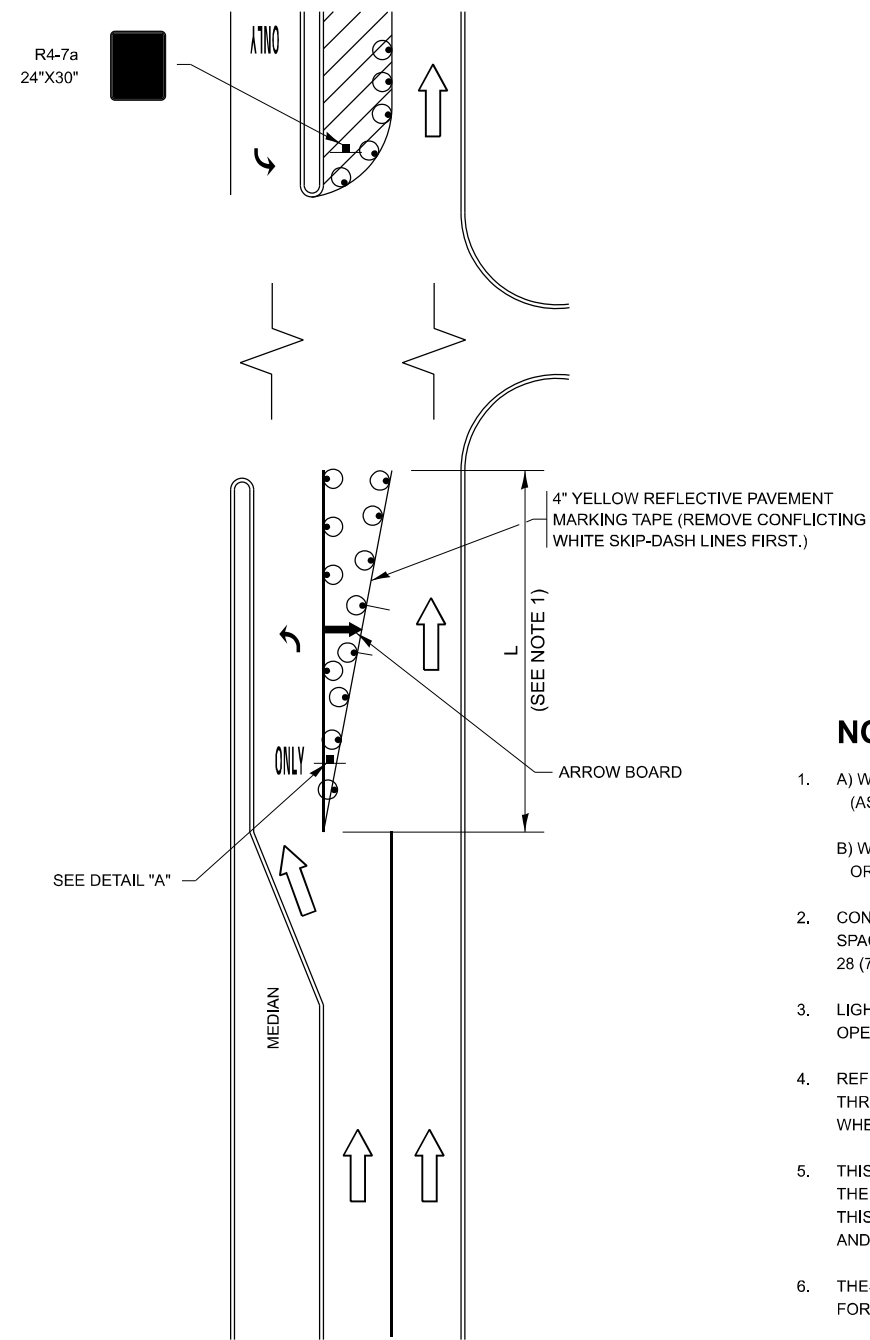


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

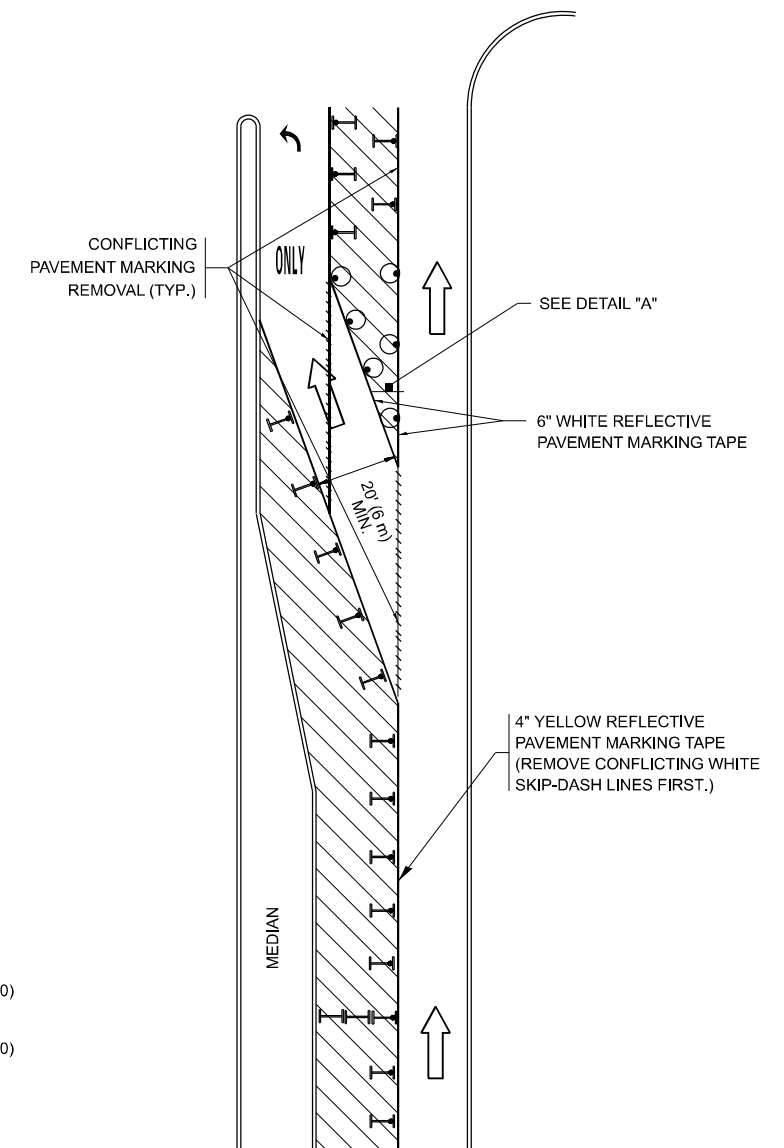


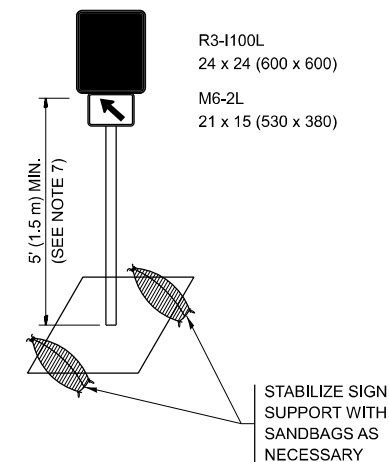
FIGURE 2

LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- ARROW BOARD
- TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- SIGN ASSEMBLY
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

NOTES:

1. A) WHEN "L" IS \leq THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-1100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH REQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.



DETAIL A

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

MODEL: TC-14 (Sheet) FILE NAME: P:\Bids\TC-14\Documents\DOT Office\District 1\ORD Project\114823\CADD\Drawings\CD\Drawings\114823-CH-14-14-14.dgn

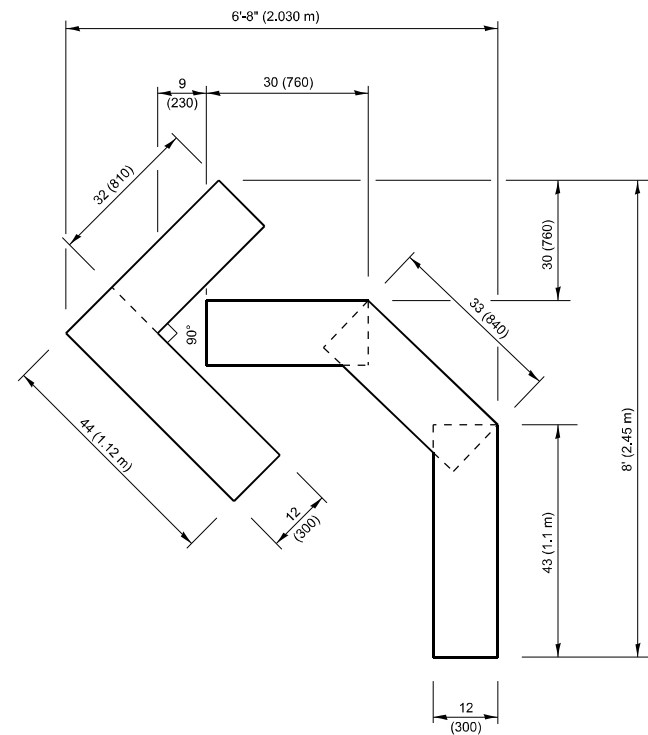
USER NAME = Erik.Dunn	DESIGNED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09
DRAWN - A. HOUSEH 11-07-95	REVISOR - A. SCHUETZE 07-01-13	
PLOT SCALE = 0.16666633' / in.	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 10/20/2023	DATE - T. RAMMACHER 01-06-00	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
(TO REMAIN OPEN TO TRAFFIC)**

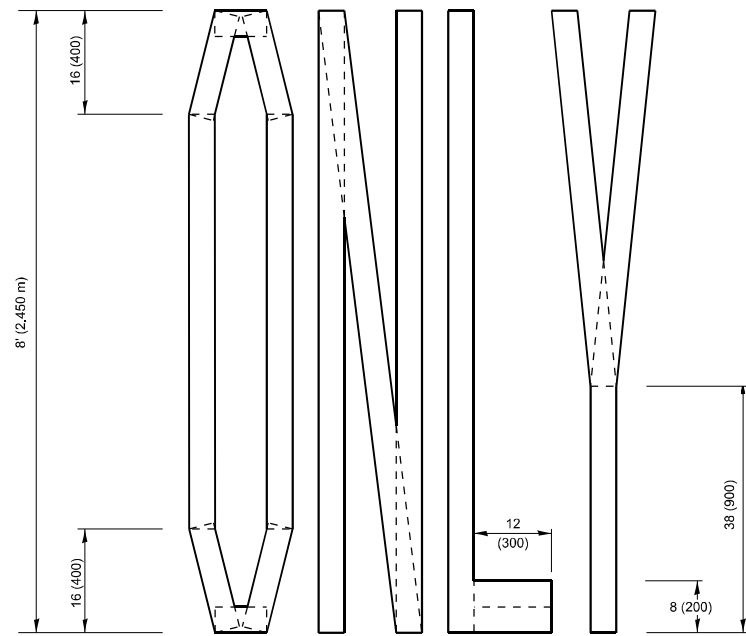
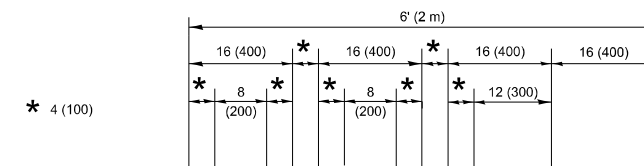
SCALE: NONE SHEET 1 OF 1 SHEETS STA. ___+___ TO STA. ___+___

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	FAU 361 23 OVERLAY	WILL	30	27
TC-14			CONTRACT NO. 62V10	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



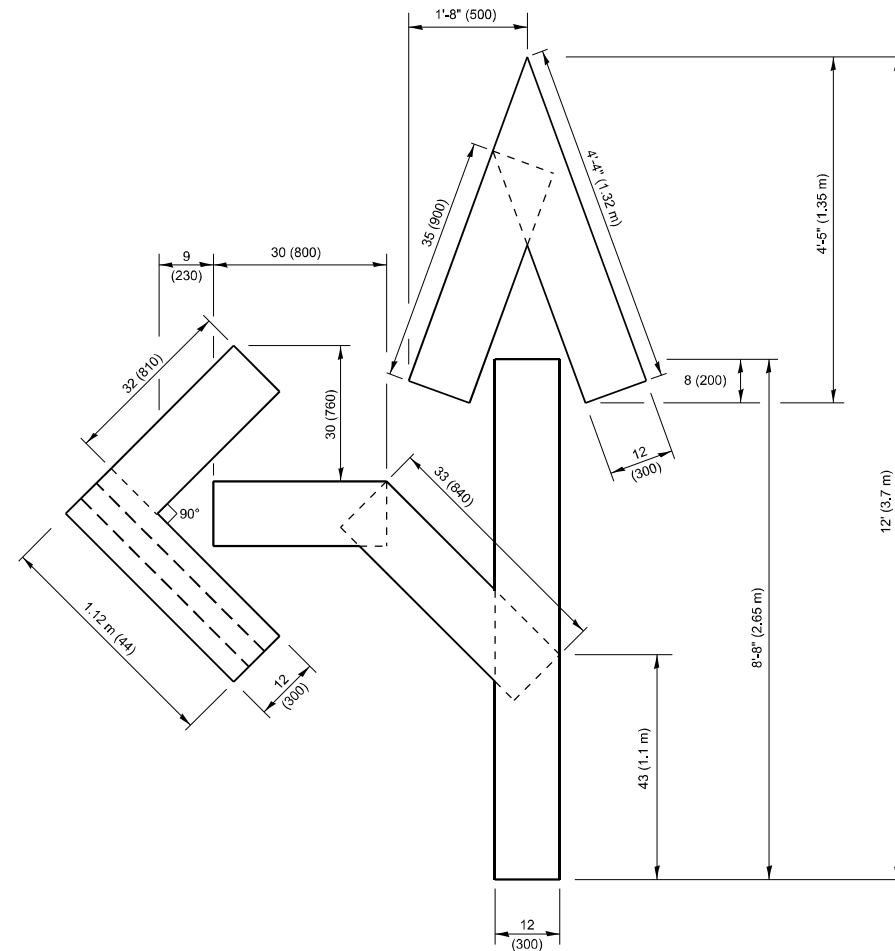
QUANTITY

4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.41 sq. m)



QUANTITY

4 (100) LINE = 64.1 ft. (19.5 m)
21.4 sq. ft. (1.99 sq. m)

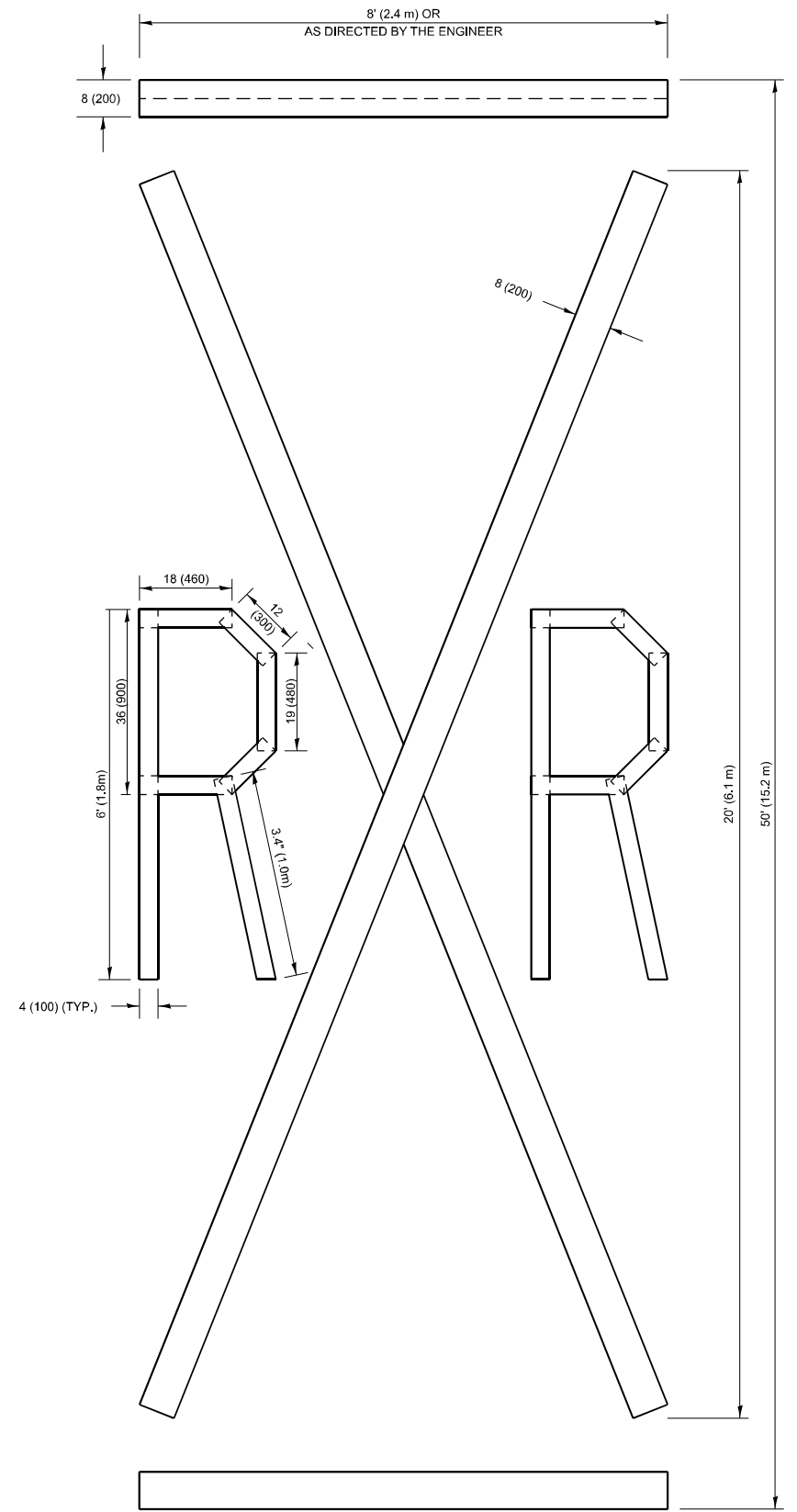


QUANTITY

4 (100) LINE = 82.5 ft. (25.1 m)
27.5 sq. ft. (2.53 sq. m)

NOTE:

ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY

4 (100) LINE = 225.9 ft. (68.9 m)
75.3 sq. ft. (6.99 sq. m)

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

MODEL: TC-16 (Sheet) FILE NAME: P:\BID\Documents\DOT Office\District 1\ORD Project\114823\CADD\Drawings\CAD\Sheet\114823-H-16-S14.dgn

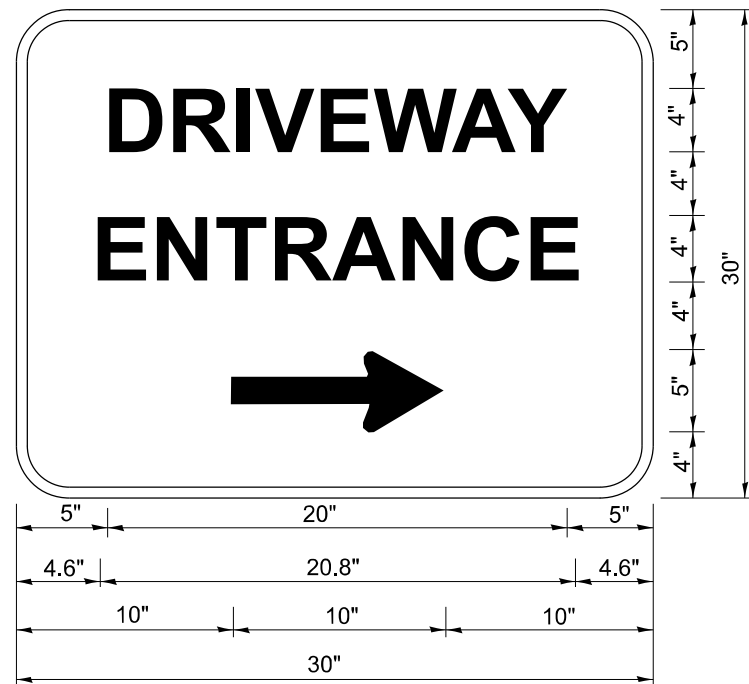
USER NAME = Erik.Dunn	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
PLOT SCALE = 0.16666633 / in.	DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 10/20/2023	CHECKED -	REVISED - E. GOMEZ 08-28-00
	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

SCALE: NONE SHEET 1 OF 1 SHEETS STA. ___+___ TO STA. ___+___

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	FAU 361 23 OVERLAY	WILL	30	28
TC-16			CONTRACT NO. 62V10	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

MODEL: TC-26 (Sheet)
 FILE NAME: P:\Bids\TC-26\Documents\DOT Office\District 1\ORD Project\0114823\CADDData\CAD\Sheet\TC-26-Signs.dgn

USER NAME = Erik.Dunn	DESIGNED -	REVISED - C. JUCIUS 02-15-07
	DRAWN -	REVISED -
PLOT SCALE = 0.166666833 1/In.	CHECKED -	REVISED -
PLOT DATE = 10/20/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRIVEWAY ENTRANCE SIGNING

SCALE: NONE SHEET 1 OF 1 SHEETS STA. ___+___ TO STA. ___+___

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	FAU 361 23 OVERLAY	WILL	30	30
TC-26			CONTRACT NO. 62V10	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				