04-28-2017 LETTING ITEM 057

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
021	6Y-RS-6	DUPAGE	30	1
	ILLINOIS	CONTRACT NO. 60V14		

* 30 + 3 = 33 total pages

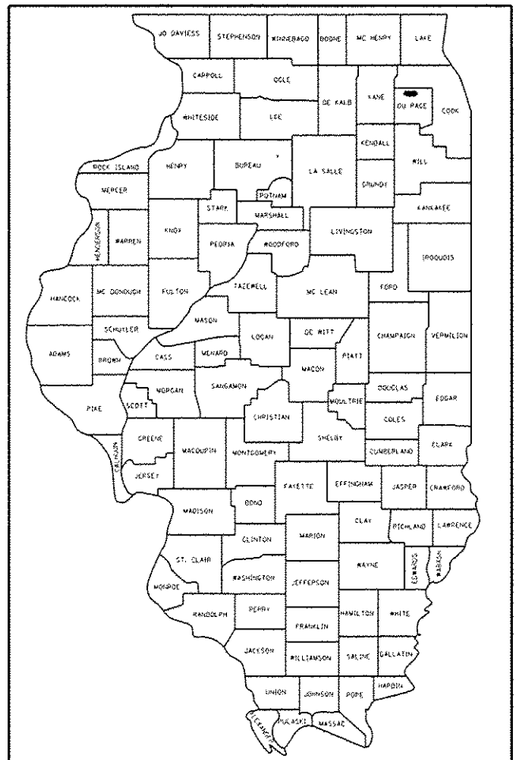
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
HIGHWAY PLANS

FAP RTE 021: U.S. ROUTE 20 (LAKE STREET)
0.2 MILE EAST OF GREENBROOK BLVD TO
0.1 MILE WEST OF SUMMERFIELD DR
SECTION 6Y–RS–6
RESURFACING
DUPAGE COUNTY

PROJECT NHPP-0021(071)
C-91-521-12

D–91–521–12

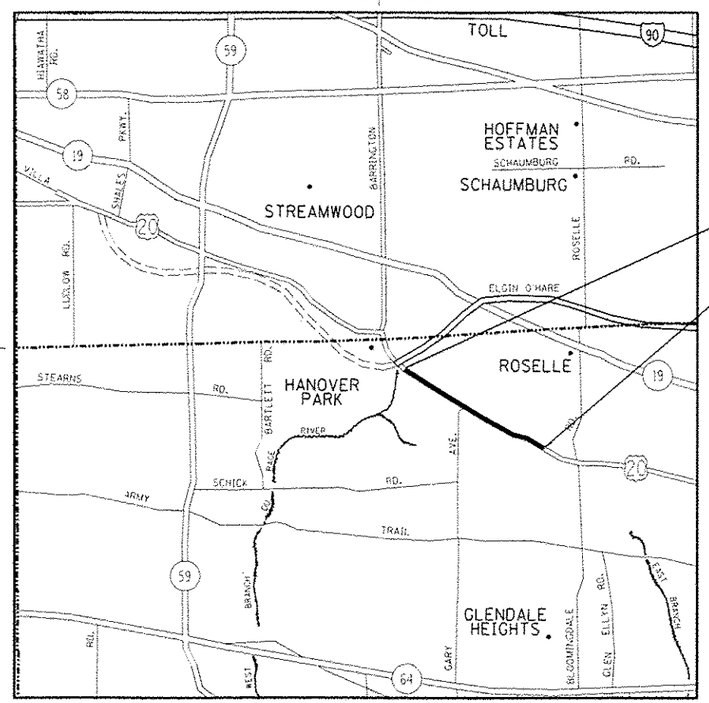


LOCATION OF SECTION INDICATED THUS: –

R9E | R10E

T41N

T40N



BLOOMINGDALE TOWNSHIP

IMPROVEMENT BEGINS
STA 22 + 62.60

IMPROVEMENT ENDS
STA 125 + 90.30

GROSS LENGTH = 10,327.70 FT. = 1.95 MILE
NET LENGTH = 10,327.70 FT. = 1.95 MILE

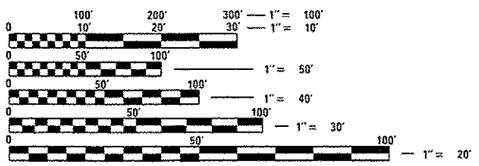
FOR INDEX OF SHEETS, SEE SHEET NO. 2

THE IMPROVEMENT IS LOCATED IN THE VILLAGES OF BLOOMINGDALE, HANOVER PARK, KEENEYVILLE AND ROSELLE.

TRAFFIC DATA

ADT (2015) = 30,000

POSTED SPEED LIMIT = 40 MPH



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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED February 6 20 17
Paul A. Lasta
REGIONAL ENGINEER

Mar 24 20 17
Maureen M. Addis PE
ENGINEER OF DESIGN AND ENVIRONMENT

Mar 24 20 17
DIRECTOR OF PROGRAM DEVELOPMENT

PROJECT ENGINEER: J. ALAIN MIDY (847)–221–3057
PROJECT MANAGER: ISSAM RAYYAN (847) 705–4178

CONTRACT NO. 60V14

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

REV

INDEX OF SHEETS

STATE STANDARDS

STANDARD NO	DESCRIPTION
424001-09	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424021-03	DEPRESSED CORNER FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER, FOR SPEEDS < 40 MPH
701602-08	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK CORNER OR CROSSWALK CLOSURE
701901-06	TRAFFIC CONTROL DEVICES

GENERAL NOTES:

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES (48 HOUR NOTIFICATION IS REQUIRED).

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGES OF BLOOMINGDALE, HANOVER PARK, KEENEYVILLE AND ROSELLE.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.

WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1½(INCHES (40MM) WHERE THE SPEED LIMIT IS 40 MPH (80KM/H) OR LESS AND 1 INCH (25 MM) WHERE THE SPEED LIMIT IS GREATER THAN 40 MPH (80 KM/H), WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75 MM) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H) OR A NOTCHED LONGITUDINAL WEDGE IS USED.

BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES AND REVISED REFLECTIVE PAVEMENT MARKERS IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.

THE RESIDENT ENGINEER SHALL CONTACT DON CHIARUGI, AREA TRAFFIC FIELD ENGINEER BY EMAIL AT DON.CHIARUGI@ILLINOIS.GOV OR BY PHONE AT 847-741-9857 A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

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.

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS - RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" SHOWN IN THE PLANS.

ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

THESE PLANS HAVE BEEN PREPARED FROM NOTES RECEIVED FROM THE BUREAU OF CONSTRUCTION.

BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) ACCORDING TO THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS. UNLESS OTHERWISE SPECIFIED.

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.

SIDEWALK RAMPS MODIFICATIONS WITHIN THE LIMITS OF THE PROJECT SHALL CONFORM TO THE APPLICABLE HIGHWAY STANDARDS INCLUDED IN THE PLANS.

PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.

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		CHECKED -	REVISED -
	PLOT SCALE = 100.0000 '/ in.	DRAWN -	REVISED -
Default	PLOT DATE = 2/3/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES

SCALE: | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
021	6Y-RS-6	DUPAGE	30	2
		CONTRACT NO. 60V14		
	ILLINOIS FED. AID PROJECT			

URBAN

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE 0005					
CODE NO	ITEM	UNIT		80/20 FED/STATE 0005					
20101400	NITROGEN FERTILIZER NUTRIENT	POUND	11.8	11.8					
20101500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	11.8	11.8					
20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	11.8	11.8					
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	264	264					
20400800	FURNISHED EXCAVATION	CU YD	360	360					
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	954	954					
25200110	SODDING, SALT TOLERANT	SQ YD	318	318					
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	23	23					
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	49992	49992					
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	112	112					
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	3056	3056					
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	557	557					
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	3	3					
42001300	PROTECTIVE COAT	SQ YD	105	105					
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	2973	2973					
42400800	DETECTABLE WARNINGS	SQ FT	313	313					

URBAN

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE 0005					
CODE NO	ITEM	UNIT		80/20 FED/STATE 0005					
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	74063	74063					
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	23	23					
44000600	SIDEWALK REMOVAL	SQ FT	3026	3026					
44201737	CLASS D PATCHES, TYPE I, 8 INCH	SQ YD	2	2					
44201863	CLASS D PATCHES, TYPE II, 18 INCH	SQ YD	1275	1275					
44201867	CLASS D PATCHES, TYPE III, 18 INCH	SQ YD	750	750					
44201869	CLASS D PATCHES, TYPE IV, 18 INCH	SQ YD	1025	1025					
48101620	AGGREGATE SHOULDERS, TYPE B 10"	SQ YD	90	90					
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	151	151					
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	137	137					
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	107	107					
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	192	192					
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	50	50					
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	6	6					
63200310	GUARDRAIL REMOVAL	FOOT	350	350					
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	10	10					

16

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* Specialty Item

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	PLOT DATE = 2/3/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 20 (0.2 MI. EAST OF GREENBROOK BLVD TO 0.1 MI. WEST OF SUMMERFIELD DR.)
SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
021	6Y-RS-6	DUPAGE	30	3
		CONTRACT NO. 60V14		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

URBAN

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE 0005					
CODE NO	ITEM	UNIT		80/20 FED/STATE 0005					
* 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1					
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1					
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6					
67100100	MOBILIZATION	L SUM	1	1					
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1					
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1					
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1					
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1					
70300100	SHORT TERM PAVEMENT MARKING	FOOT	6161	6161					
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	2034	2034					
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	1102.4	1102.4					
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	42003	42003					
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	3803	3803					
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	235	235					
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	2847	2847					
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	802	802					

URBAN

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE 0005					
CODE NO	ITEM	UNIT		80/20 FED/STATE 0005					
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	3818	3818					
70300540	PAVEMENT MARKING TAPE, TYPE III 6"	FOOT	346	346					
70300550	PAVEMENT MARKING TAPE, TYPE III 8"	FOOT	22	22					
70300560	PAVEMENT MARKING TAPE, TYPE III 12"	FOOT	259	259					
70300570	PAVEMENT MARKING TAPE, TYPE III 24"	FOOT	73	73					
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1102.4	1102.4					
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	42003	42003					
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	3803	3803					
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	235	235					
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2847	2847					
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	802	802					
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1250	1250					
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1250	1250					
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	2968	2968					
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	LSUM	1	1					
X2020110	GRADING AND SHAPING SHOULDERS	UNIT	52	52					

16

16

* Specialty Item

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	PLOT DATE = 2/3/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 20 (0.2 MI. EAST OF GREENBROOK BLVD TO 0.1 MI. WEST OF SUMMERFIELD DR.)
SUMMARY OF QUANTITIES

SCALE: | SHEET NO. 2 OF 3 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
021	6Y-RS-6	DUPAGE	30	4
		CONTRACT NO. 60V14		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

URBAN

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE 0005					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	80/20 FED/STATE 0005					
X4060004	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80	TON	7259	7259					
☐ X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	1000	1000					
☐ X5537900	STORM SEWERS TO BE CLEANED 15"	FOOT	800	800					
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	8	8					
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	22375	22375					
Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	1241	1241					
Z0018400	DRAINAGE STRUCTURE TO BE ADJUSTED	EACH	3	3					
☐ Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	70	70					
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	282.7	282.7					

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES						

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

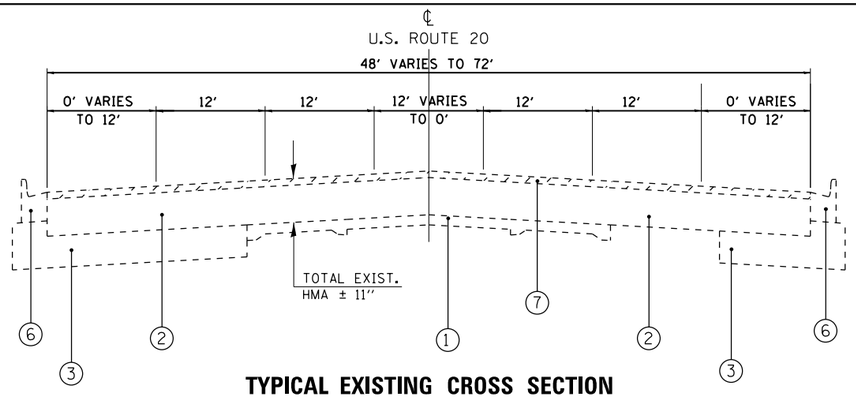
US 20 (0.2 MI. EAST OF GREENBROOK BLVD TO 0.1 MI. WEST OF SUMMERFIELD DR.)
SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
021	6Y-RS-6	DUPAGE	30	4A
		CONTRACT NO. 60V14		

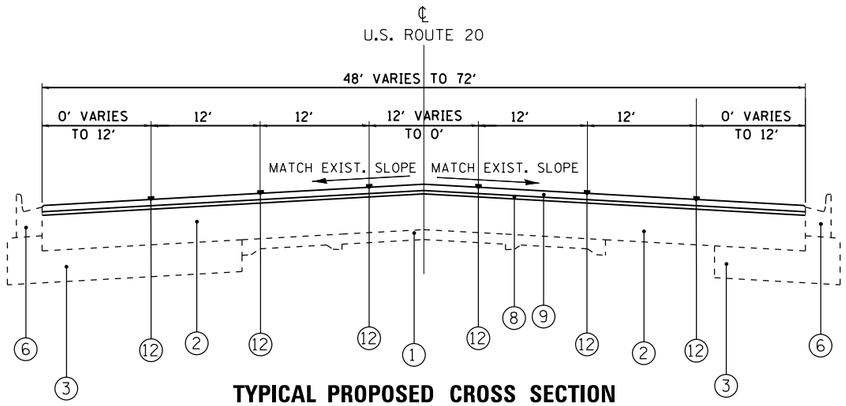
FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

☐ NON-PARTICIPATING



TYPICAL EXISTING CROSS SECTION
US ROUTE 20 (LAKE ST.)

STA. 13+97.3 TO STA. 39+59.3
STA. 47+92.2 TO STA. 63+10.51
STA. 91+63.7 TO STA. 102+67.0
STA. 117+82.4 TO STA. 125+90.3

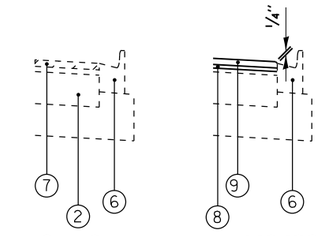


TYPICAL PROPOSED CROSS SECTION
US ROUTE 20 (LAKE ST.)

STA. 13+97.3 TO STA. 39+59.3
STA. 47+92.2 TO STA. 63+10.51
STA. 91+63.7 TO STA. 102+67.0
STA. 117+82.4 TO STA. 125+90.3

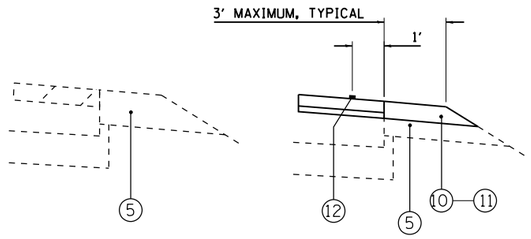
HMA MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ NDES	QUALITY MANAGEMENT PROGRAM (QMP)
PAVEMENT RESURFACING AND SHOULDERS		
POLY. HOT-MIX ASPHALT SURFACE COURSE, SMA, N80, 9.5 (IL 9.5 mm)	3.5% @ 80 GYR	QCP
POLYMERIZED LEVELING BINDER, (MM), IL 4.75, N50	3.5% @ 50 GYR	QCP
PAVEMENT DRIVEWAYS		
HOT-MIX ASPHALT BASE COURSE 8" (HMA Binder IL-19.0)	4% @ 50 GYR	QC/QA
HOT-MIX ASPHALT SURFACE COURSE MIX "D", N50, 2" (IL 9.5mm)	4% @ 50 GYR	QC/QA
PAVEMENT PATCHING		
CLASS D PATCHES (HMA BINDER IL-19mm)	4% @ 70 GYR	QC/QA
QMP DESIGNATION: QUALITY CONTROL/ QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP)		



EXISTING PROPOSED

DETAIL A



EXISTING PROPOSED

DETAIL B

** REFER TO DETAIL A BETWEEN:
STA. 102+67 TO STA. 103+88.2
STA. 114+66 TO STA. 117+82.4

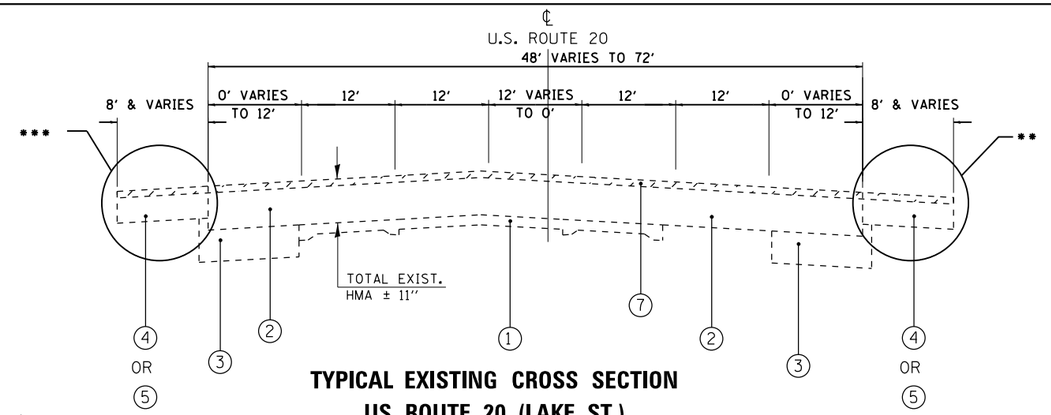
REFER TO DETAIL B BETWEEN:
STA. 39+59.3 TO STA. 47+92.2
STA. 83+28.1 TO STA. 83+74.6
STA. 89+00.0 TO STA. 90+64.0
STA. 103+88.2 TO STA. 106+47.2
STA. 109+23.8 TO STA. 114+66.0

*** REFER TO DETAIL A BETWEEN:
STA. 39+59.3 TO STA. 47+92.2
STA. 63+10.5 TO STA. 85+61.5
STA. 89+00.0 TO STA. 91+63.74

REFER TO DETAIL B BETWEEN:
STA. 85+61.5 TO STA. 89+00.0
STA. 102+78.3 TO STA. 112+17.0
STA. 115+65.3 TO STA. 117+82.4

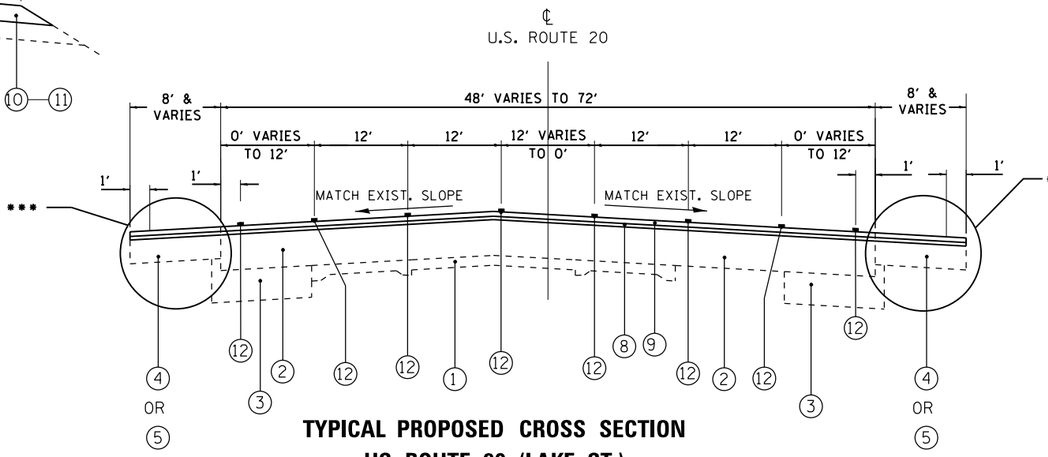
THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQYD/IN.

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 DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS. QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.



TYPICAL EXISTING CROSS SECTION
US ROUTE 20 (LAKE ST.)

STA. 39+59.3 TO STA. 47+92.2
STA. 63+10.5 TO STA. 91+63.7
STA. 102+67.0 TO STA. 117+82.4



TYPICAL PROPOSED CROSS SECTION
US ROUTE 20 (LAKE ST.)

STA. 39+59.3 TO STA. 47+92.2
STA. 63+10.5 TO STA. 91+63.7
STA. 102+67.0 TO STA. 117+82.4

LEGEND:

1. EXISTING PCC PAVEMENT, ±7", ±9"
2. EXISTING HOT-MIX ASPHALT WIDENING AND RESURFACING ±18"
3. EXISTING AGGREGATE SUBGRADE, ±12" OR ±4"
4. EXISTING HMA SHOULDER
5. EXISTING AGGREGATE SHOULDER
6. EXISTING COMBINATION CONCRETE CURB AND GUTTER
7. PROPOSED HMA SURFACE REMOVAL, 2½"
8. PROPOSED POLYMERIZED LEVELING BINDER, MM, IL-4.75, N50, ¾"
9. PROPOSED POLY. HMA SURFACE COURSE, SMA, N80, 9.5, 1¾"
10. GRADING AND SHAPING SHOULDERS
11. AGGREGATE WEDGE SHOULDER TYPE B
12. PROPOSED PAVT MARKING

NOTE:
CONTRACTOR SHALL MILL FIRST BEFORE PATCHING

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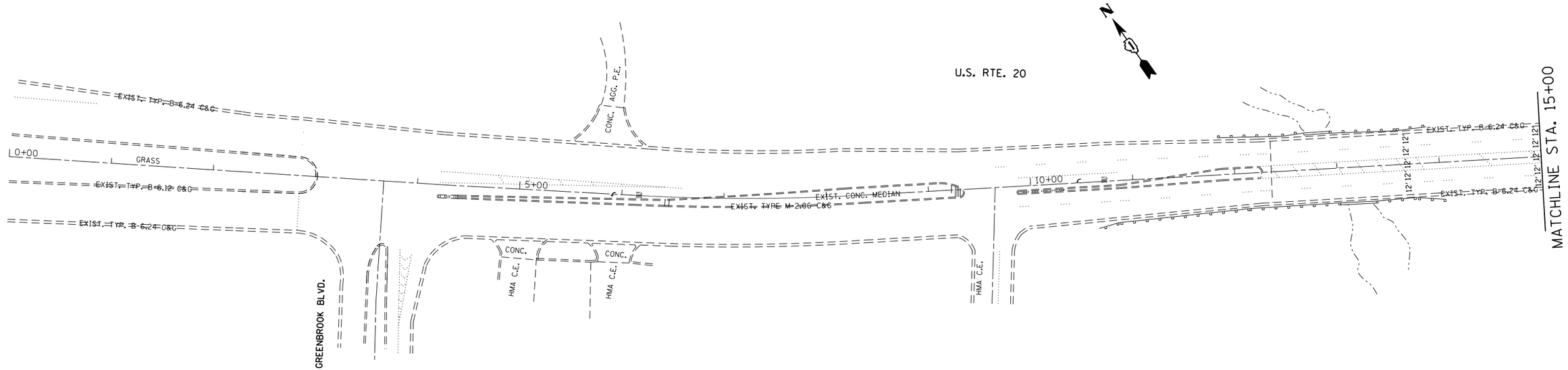
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 1/13/2017	DATE -	REVISED -

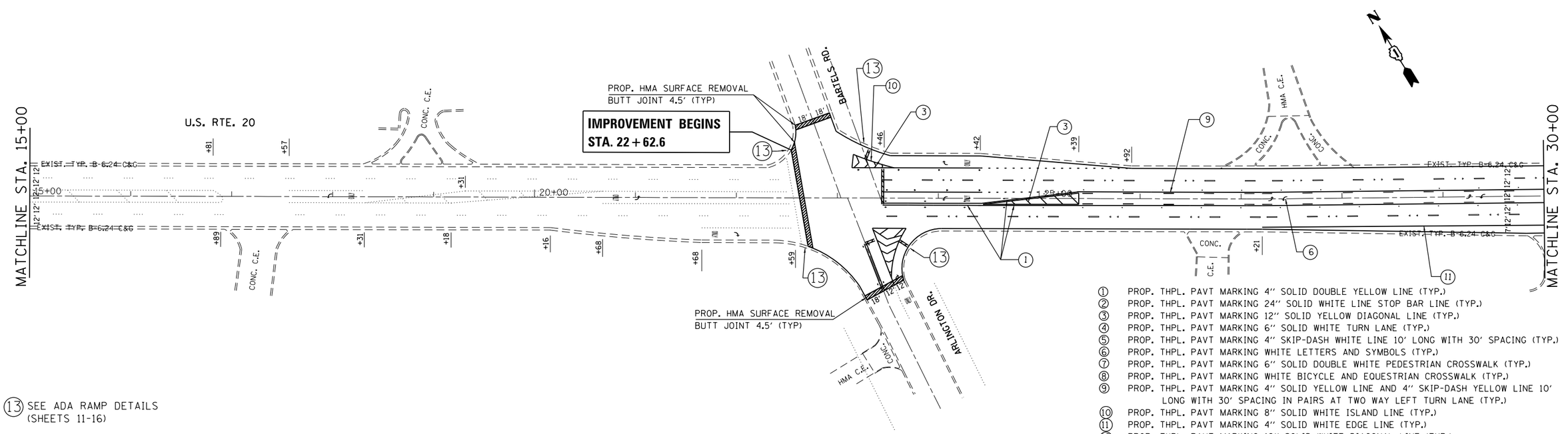
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. RTE. 20 (LAKE ST.)
(GREENBROOK BLVD. TO SUMMERFIELD DR.)

SCALE: | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
021	6Y-RS-6	DUPAGE	30	5
		CONTRACT NO. 60V14		
		ILLINOIS	FED. AID PROJECT	





(13) SEE ADA RAMP DETAILS (SHEETS 11-16)

1. PROP. THPL. PAVT MARKING 4" SOLID DOUBLE YELLOW LINE (TYP.)
2. PROP. THPL. PAVT MARKING 24" SOLID WHITE LINE STOP BAR LINE (TYP.)
3. PROP. THPL. PAVT MARKING 12" SOLID YELLOW DIAGONAL LINE (TYP.)
4. PROP. THPL. PAVT MARKING 6" SOLID WHITE TURN LANE (TYP.)
5. PROP. THPL. PAVT MARKING 4" SKIP-DASH WHITE LINE 10' LONG WITH 30' SPACING (TYP.)
6. PROP. THPL. PAVT MARKING WHITE LETTERS AND SYMBOLS (TYP.)
7. PROP. THPL. PAVT MARKING 6" SOLID DOUBLE WHITE PEDESTRIAN CROSSWALK (TYP.)
8. PROP. THPL. PAVT MARKING WHITE BICYCLE AND EQUESTRIAN CROSSWALK (TYP.)
9. PROP. THPL. PAVT MARKING 4" SOLID YELLOW LINE AND 4" SKIP-DASH YELLOW LINE 10' LONG WITH 30' SPACING IN PAIRS AT TWO WAY LEFT TURN LANE (TYP.)
10. PROP. THPL. PAVT MARKING 8" SOLID WHITE ISLAND LINE (TYP.)
11. PROP. THPL. PAVT MARKING 4" SOLID WHITE EDGE LINE (TYP.)
12. PROP. THPL. PAVT MARKING 12" SOLID WHITE DIAGONAL LINE (TYP.)

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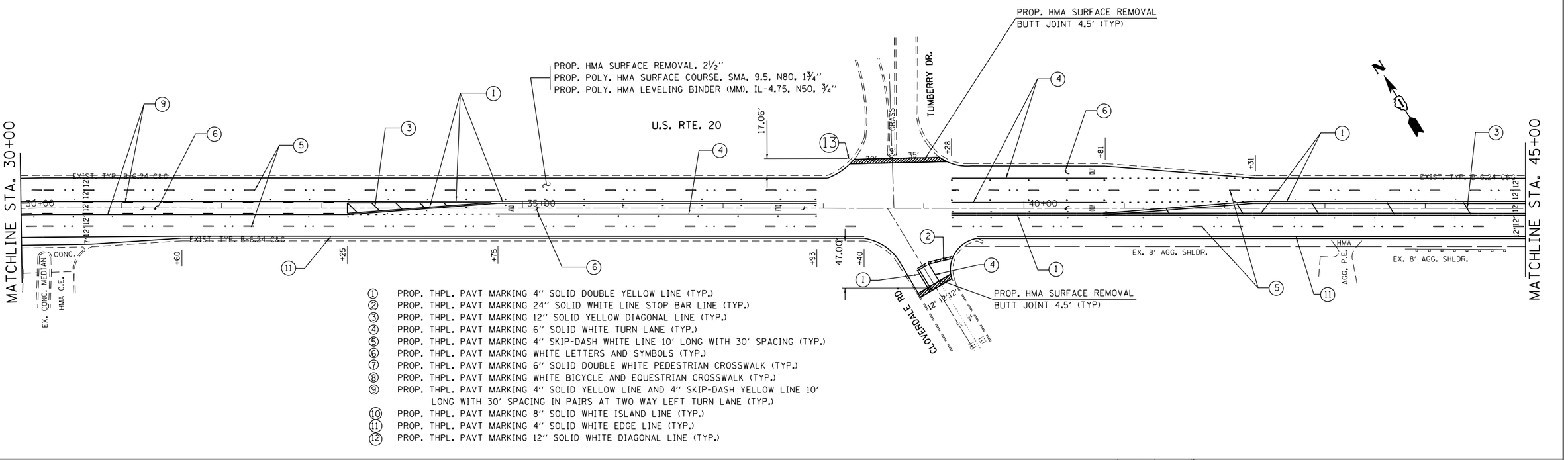
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 2/3/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

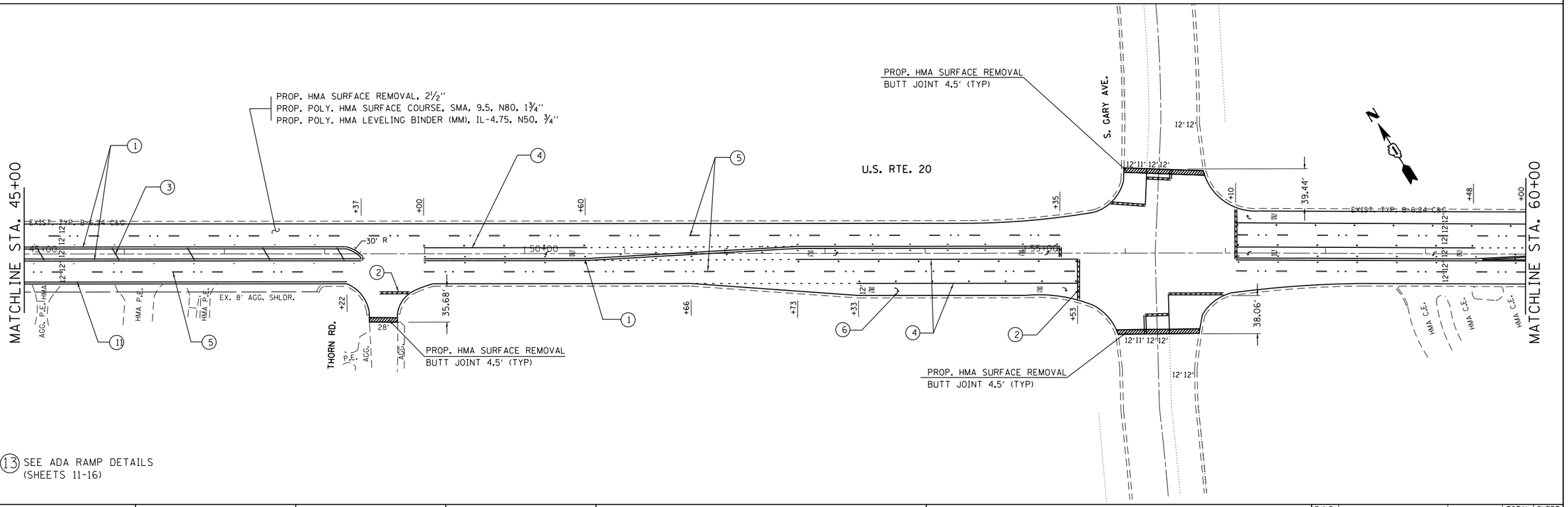
U.S. RTE. 20 (LAKE ST.)
(GREENBROOK BLVD. TO SUMMERFIELD DR.)

SCALE: 1"=50' | SHEET 1 OF 5 SHEETS | STA. 13+97.3 TO STA. 30+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
021	6Y-RS-6	DuPAGE	30	6
		CONTRACT NO. 60V14		
	ILLINOIS FED. AID PROJECT			



① PROP. THPL. PAVT MARKING 4" SOLID DOUBLE YELLOW LINE (TYP.)
② PROP. THPL. PAVT MARKING 24" SOLID WHITE LINE STOP BAR LINE (TYP.)
③ PROP. THPL. PAVT MARKING 12" SOLID YELLOW DIAGONAL LINE (TYP.)
④ PROP. THPL. PAVT MARKING 6" SOLID WHITE TURN LANE (TYP.)
⑤ PROP. THPL. PAVT MARKING 4" SKIP-DASH WHITE LINE 10' LONG WITH 30' SPACING (TYP.)
⑥ PROP. THPL. PAVT MARKING WHITE LETTERS AND SYMBOLS (TYP.)
⑦ PROP. THPL. PAVT MARKING 6" SOLID DOUBLE WHITE PEDESTRIAN CROSSWALK (TYP.)
⑧ PROP. THPL. PAVT MARKING WHITE BICYCLE AND EQUESTRIAN CROSSWALK (TYP.)
⑨ PROP. THPL. PAVT MARKING 4" SOLID YELLOW LINE AND 4" SKIP-DASH YELLOW LINE 10' LONG WITH 30' SPACING IN PAIRS AT TWO WAY LEFT TURN LANE (TYP.)
⑩ PROP. THPL. PAVT MARKING 8" SOLID WHITE ISLAND LINE (TYP.)
⑪ PROP. THPL. PAVT MARKING 4" SOLID WHITE EDGE LINE (TYP.)
⑫ PROP. THPL. PAVT MARKING 12" SOLID WHITE DIAGONAL LINE (TYP.)



⑬ SEE ADA RAMP DETAILS (SHEETS 11-16)

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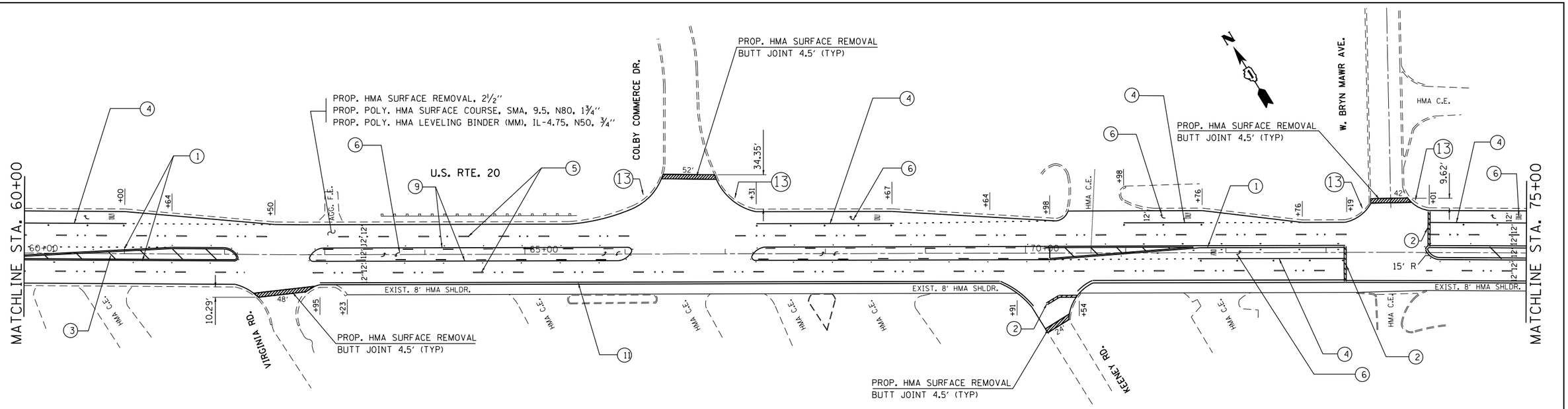
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 2/3/2017	DATE -	REVISED -

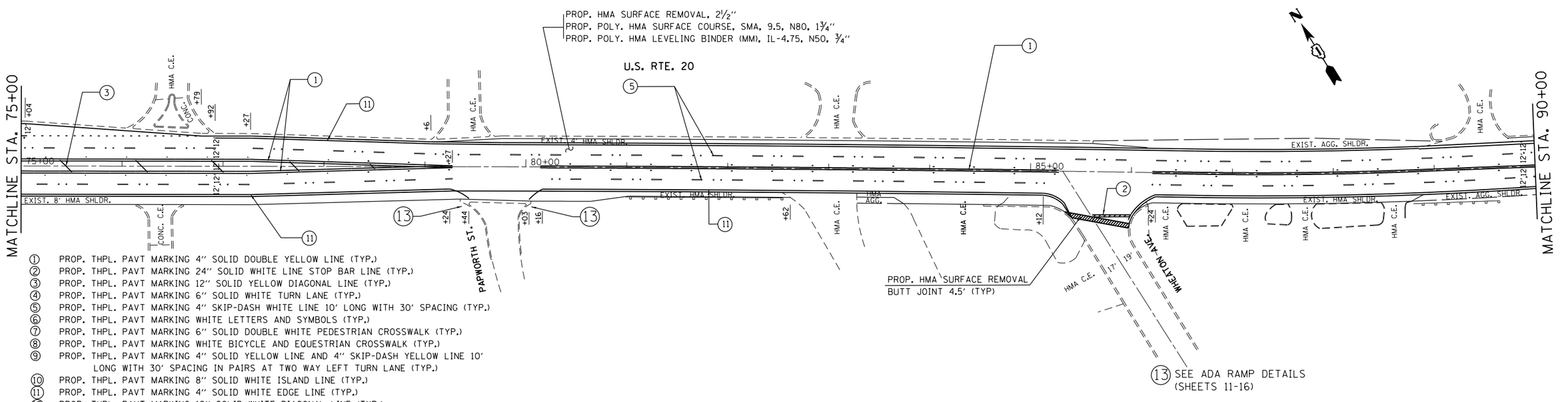
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. RTE. 20 (LAKE ST.)
(GREENBROOK BLVD. TO SUMMERFIELD DR.)

SCALE: 1"=50' | SHEET 2 OF 5 SHEETS | STA. 30+00 TO STA. 60+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
021	6Y-RS-6	DuPAGE	30	7
		CONTRACT NO. 60V14		
		ILLINOIS	FED. AID PROJECT	





① PROP. THPL. PAVT MARKING 4" SOLID DOUBLE YELLOW LINE (TYP.)
② PROP. THPL. PAVT MARKING 24" SOLID WHITE LINE STOP BAR LINE (TYP.)
③ PROP. THPL. PAVT MARKING 12" SOLID YELLOW DIAGONAL LINE (TYP.)
④ PROP. THPL. PAVT MARKING 6" SOLID WHITE TURN LANE (TYP.)
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⑧ PROP. THPL. PAVT MARKING WHITE BICYCLE AND EQUESTRIAN CROSSWALK (TYP.)
⑨ PROP. THPL. PAVT MARKING 4" SOLID YELLOW LINE AND 4" SKIP-DASH YELLOW LINE 10' LONG WITH 30' SPACING IN PAIRS AT TWO WAY LEFT TURN LANE (TYP.)
⑩ PROP. THPL. PAVT MARKING 8" SOLID WHITE ISLAND LINE (TYP.)
⑪ PROP. THPL. PAVT MARKING 4" SOLID WHITE EDGE LINE (TYP.)
⑫ PROP. THPL. PAVT MARKING 12" SOLID WHITE DIAGONAL LINE (TYP.)

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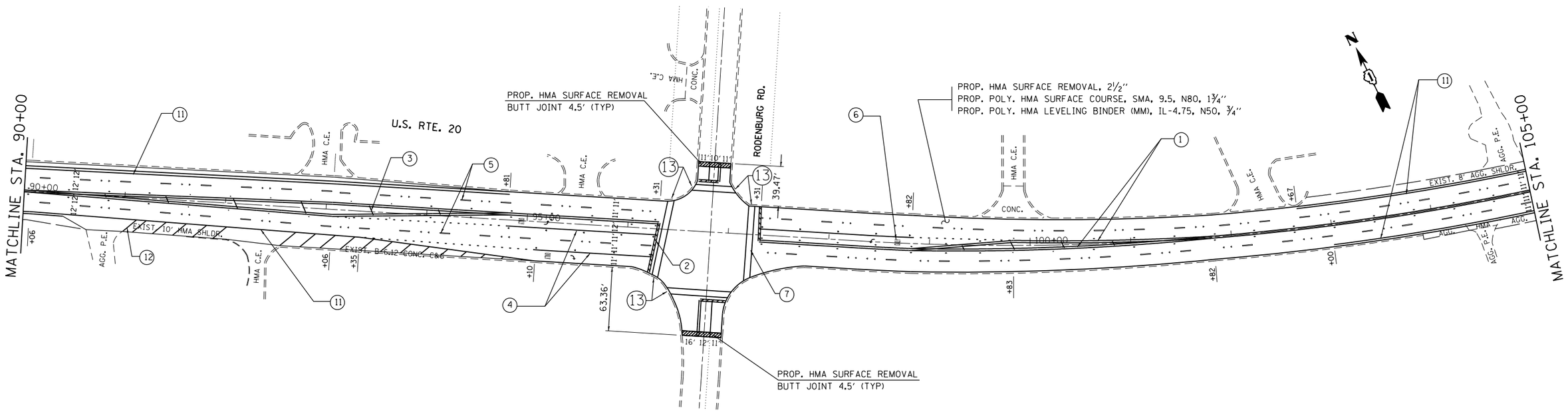
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 2/3/2017	DATE -	REVISED -

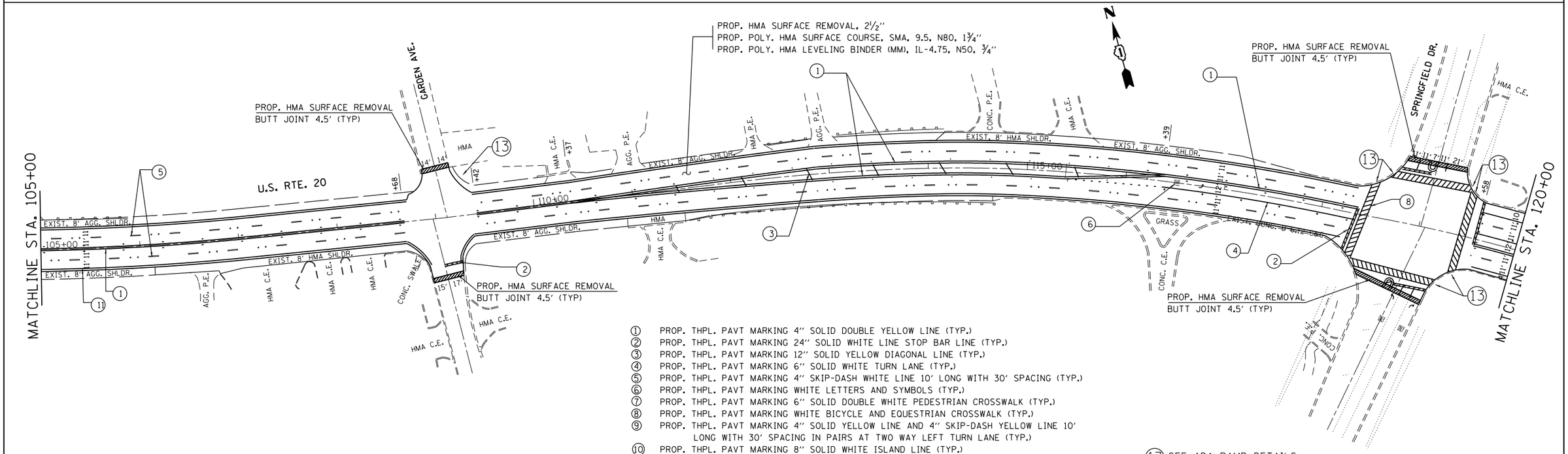
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. RTE. 20 (LAKE ST.)
(GREENBROOK BLVD. TO SUMMERFIELD DR.)

SCALE: 1"=50' | SHEET 3 OF 5 SHEETS | STA. 60+00 TO STA. 90+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
021	6Y-RS-6	DuPAGE	30	8
		CONTRACT NO. 60V14		
	ILLINOIS FED. AID PROJECT			





① PROP. THPL. PAVT MARKING 4" SOLID DOUBLE YELLOW LINE (TYP.)
② PROP. THPL. PAVT MARKING 24" SOLID WHITE LINE STOP BAR LINE (TYP.)
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⑫ PROP. THPL. PAVT MARKING 12" SOLID WHITE DIAGONAL LINE (TYP.)

⑬ SEE ADA RAMP DETAILS (SHEETS 11-16)

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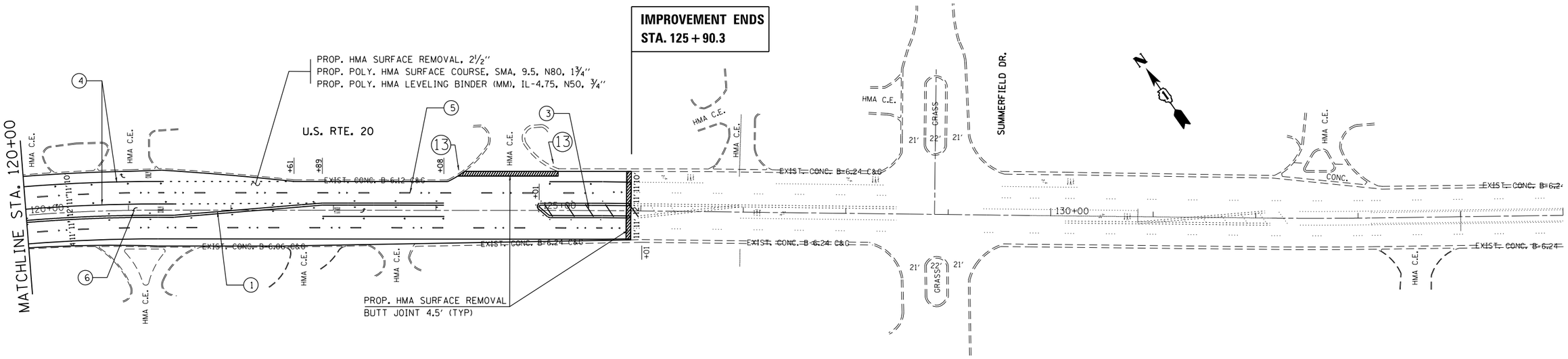
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 2/3/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. RTE. 20 (LAKE ST.)
(GREENBROOK BLVD. TO SUMMERFIELD DR.)

SCALE: 1"=50' | SHEET 4 OF 5 SHEETS | STA. 90+00 TO STA. 120+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
021	6Y-RS-6	DuPAGE	30	9
		CONTRACT NO. 60V14		
	ILLINOIS FED. AID PROJECT			



(13) SEE ADA RAMP DETAILS (SHEETS 11-16)

① PROP. THPL. PAVT MARKING 4" SOLID DOUBLE YELLOW LINE (TYP.)
② PROP. THPL. PAVT MARKING 24" SOLID WHITE LINE STOP BAR LINE (TYP.)
③ PROP. THPL. PAVT MARKING 12" SOLID YELLOW DIAGONAL LINE (TYP.)
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⑪ PROP. THPL. PAVT MARKING 4" SOLID WHITE EDGE LINE (TYP.)
⑫ PROP. THPL. PAVT MARKING 12" SOLID WHITE DIAGONAL LINE (TYP.)

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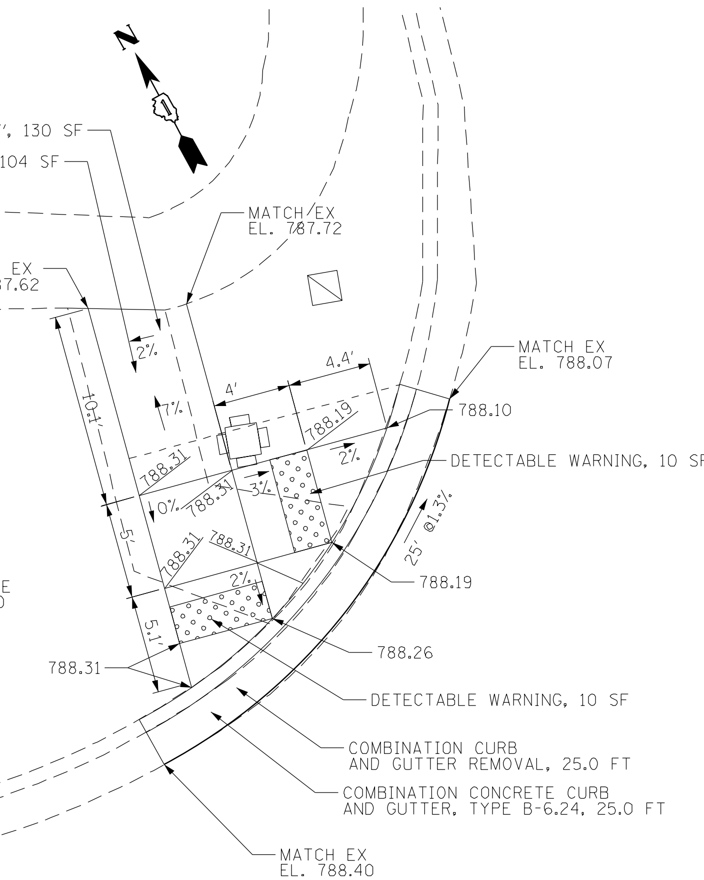
Default	PLOT DATE = 2/3/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. RTE. 20 (LAKE ST.)
(GREENBROOK BLVD. TO SUMMERFIELD DR.)

SCALE: 1"=50' | SHEET 5 OF 5 SHEETS | STA. 120+00 TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
021	6Y-RS-6	DuPAGE	30	10
		CONTRACT NO. 60V14		
	ILLINOIS	FED. AID PROJECT		

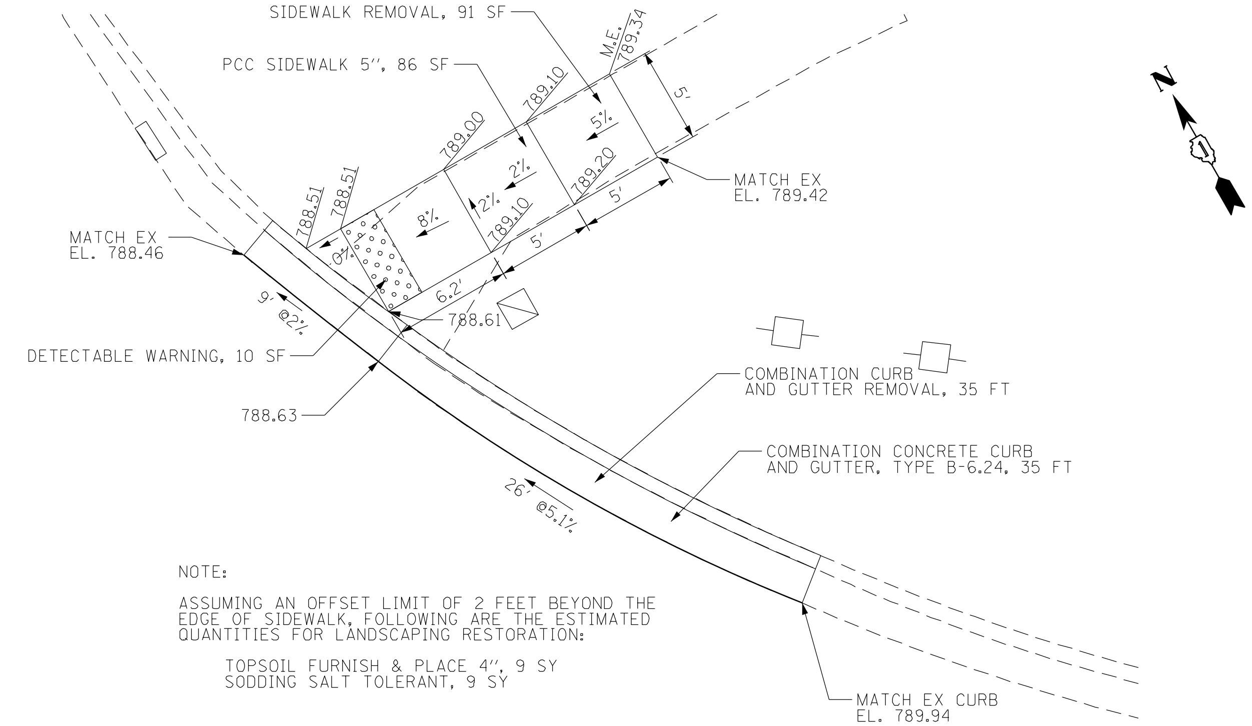


NOTE:

ASSUMING AN OFFSET LIMIT OF 2 FEET BEYOND THE EDGE OF SIDEWALK, FOLLOWING ARE THE ESTIMATED QUANTITIES FOR LANDSCAPING RESTORATION:

TOPSOIL FURNISH & PLACE 4'', 9 SY
SODDING SALT TOLERANT, 9 SY

ARLINGTON ROAD

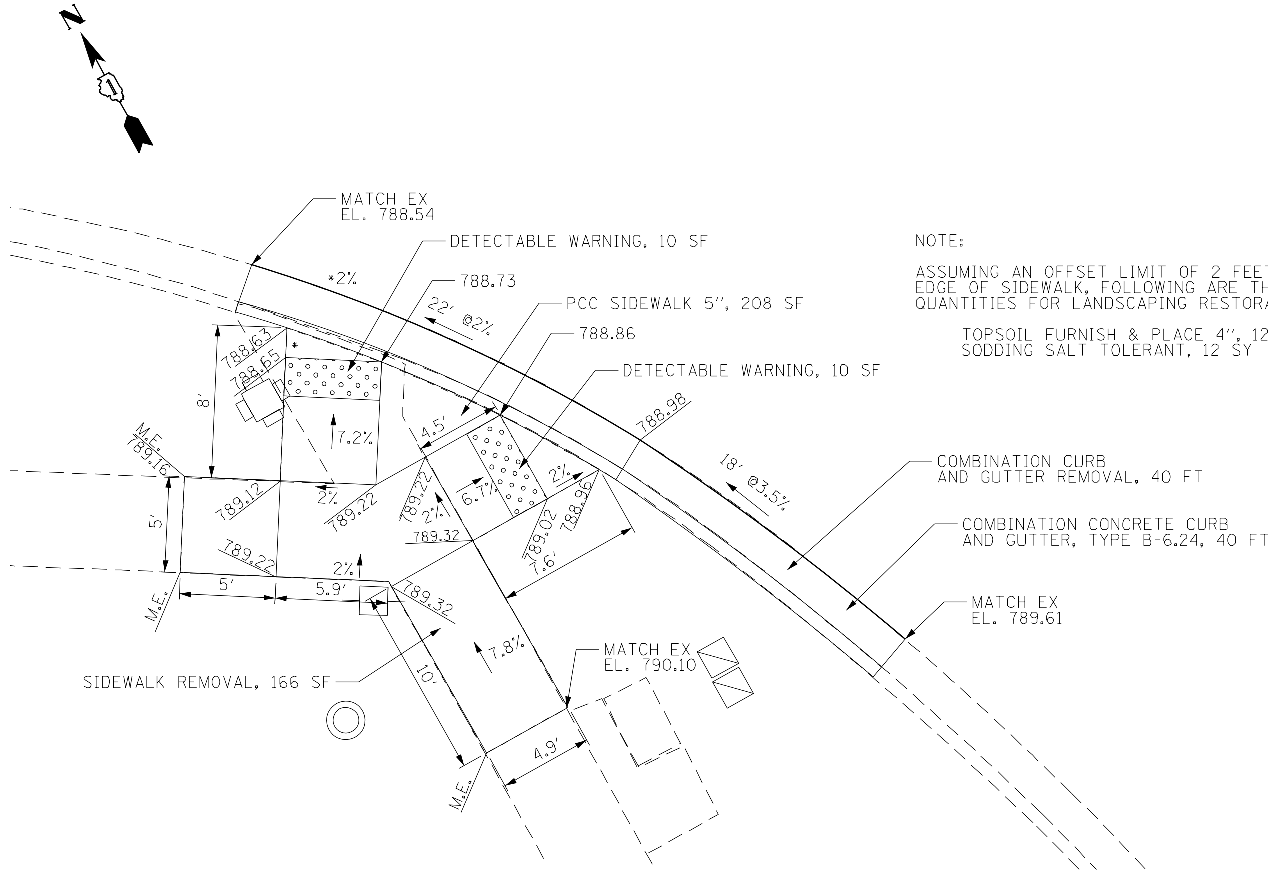


NOTE:

ASSUMING AN OFFSET LIMIT OF 2 FEET BEYOND THE EDGE OF SIDEWALK, FOLLOWING ARE THE ESTIMATED QUANTITIES FOR LANDSCAPING RESTORATION:

TOPSOIL FURNISH & PLACE 4'', 9 SY
SODDING SALT TOLERANT, 9 SY

US ROUTE 20

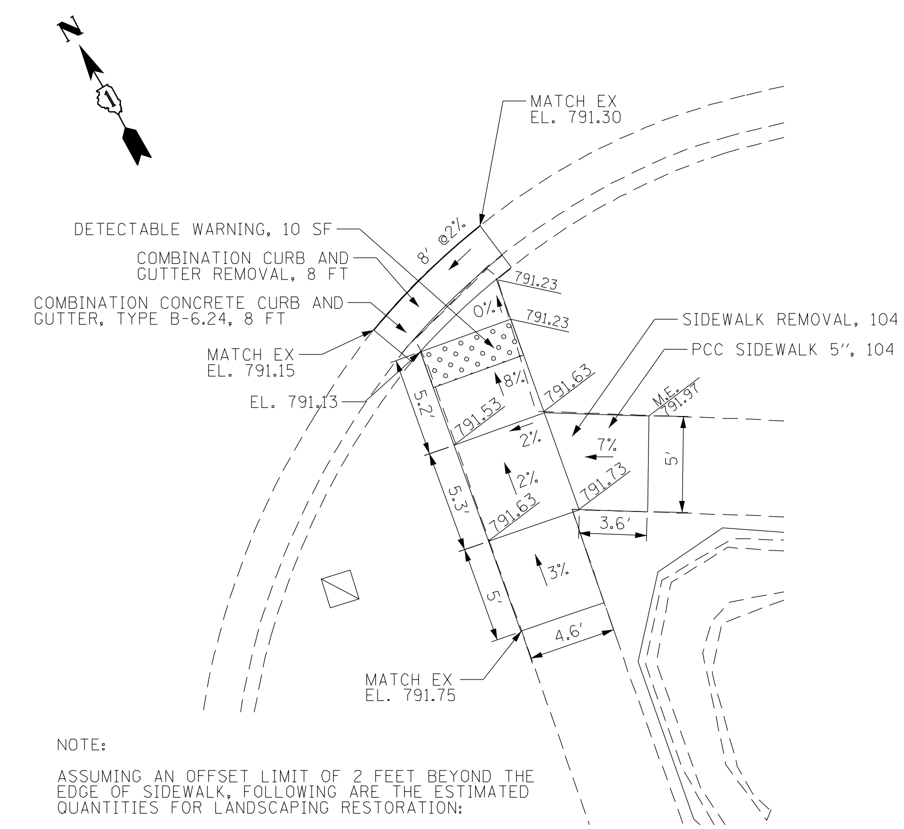


NOTE:

ASSUMING AN OFFSET LIMIT OF 2 FEET BEYOND THE EDGE OF SIDEWALK, FOLLOWING ARE THE ESTIMATED QUANTITIES FOR LANDSCAPING RESTORATION:

TOPSOIL FURNISH & PLACE 4'', 12 SY
SODDING SALT TOLERANT, 12 SY

ARLINGTON ROAD



NOTE:

ASSUMING AN OFFSET LIMIT OF 2 FEET BEYOND THE EDGE OF SIDEWALK, FOLLOWING ARE THE ESTIMATED QUANTITIES FOR LANDSCAPING RESTORATION:

TOPSOIL FURNISH & PLACE 4'', 7 SY
SODDING SALT TOLERANT, 7 SY

ADA-01

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PLOT SCALE = 2.0000 ' / in.
USER NAME = Millennia Professional Services

2600 Warrenville Road, Suite 203, Downers Grove, IL 60515
630.705.0110 voice, 630.839.2566 fax
www.mps-il.com

MILLENNIA PROFESSIONAL SERVICES

DESIGNED - TVN	REVISED -	
DRAWN - JP	REVISED -	
CHECKED - TVN	REVISED -	
DATE - 10/19/2016	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA SIDEWALK RAMP DETAILS
US ROUTE 20 AT ARLINGTON ROAD

SCALE: 1''=5' | SHEET NO. OF SHEETS | STA. · TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
021	6Y-RS-6	DUPAGE		
		CONTRACT NO. 60V14		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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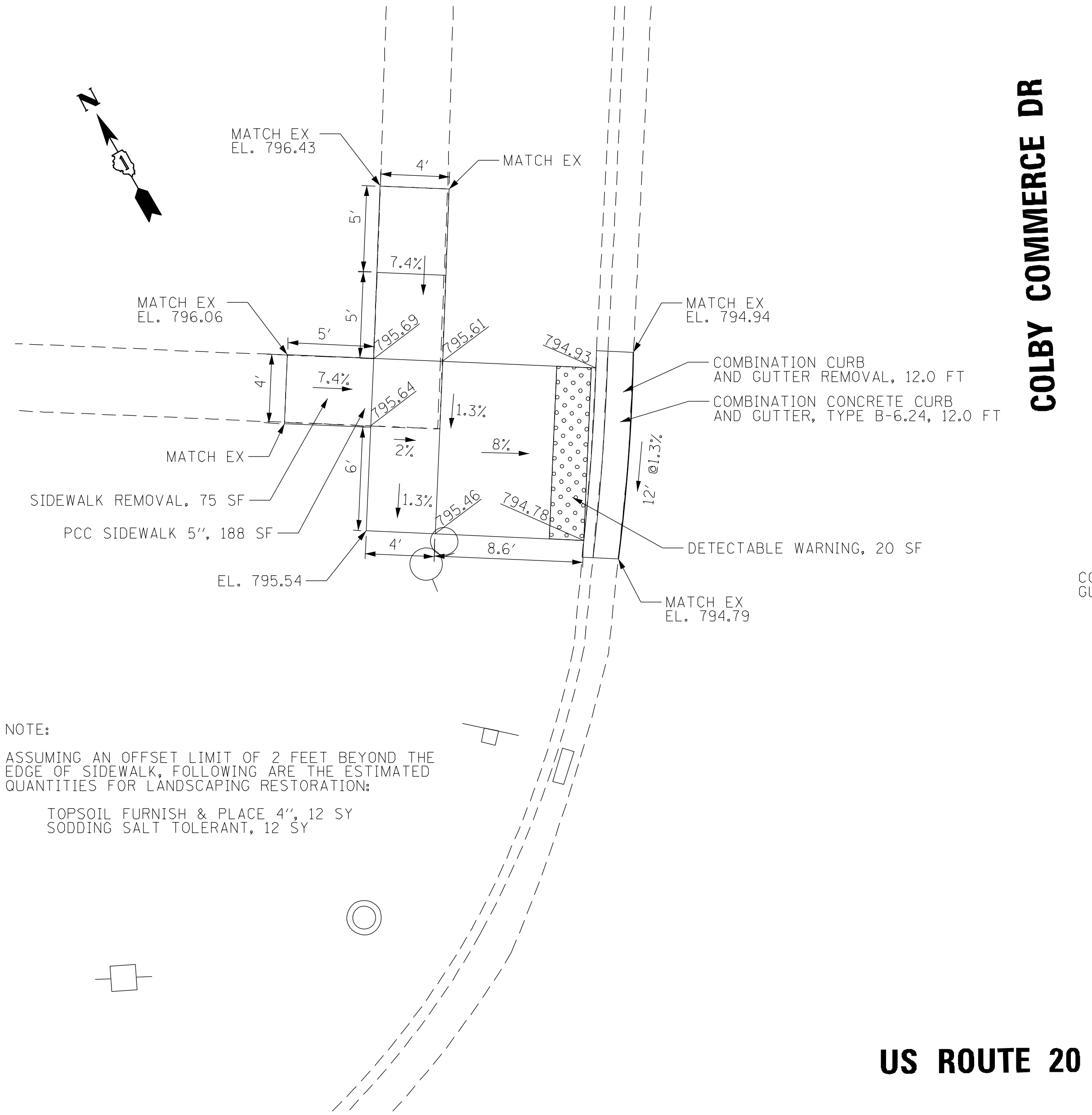
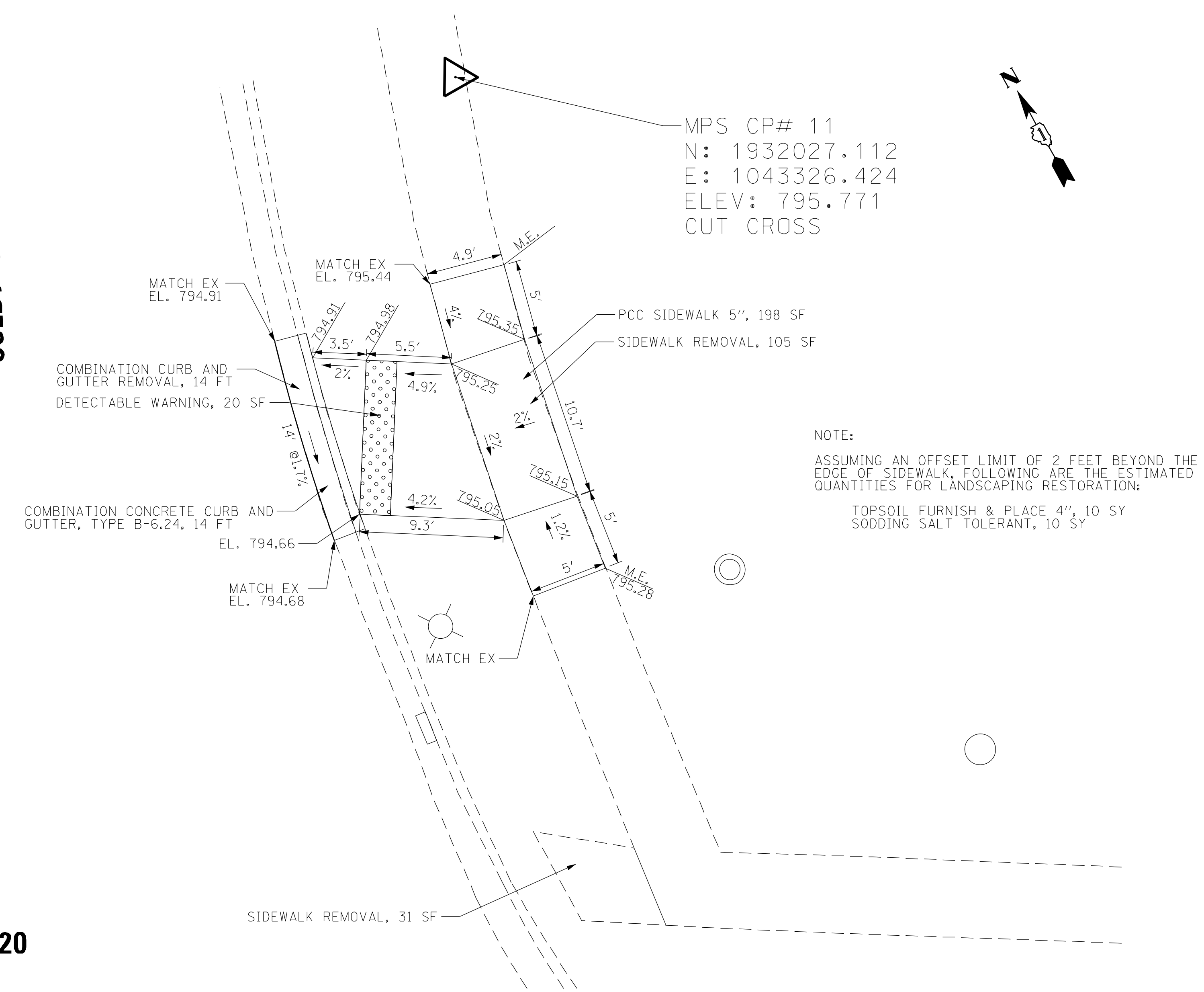


NOTE:

ASSUMING AN OFFSET LIMIT OF 2 FEET BEYOND THE EDGE OF SIDEWALK, FOLLOWING ARE THE ESTIMATED QUANTITIES FOR LANDSCAPING RESTORATION:

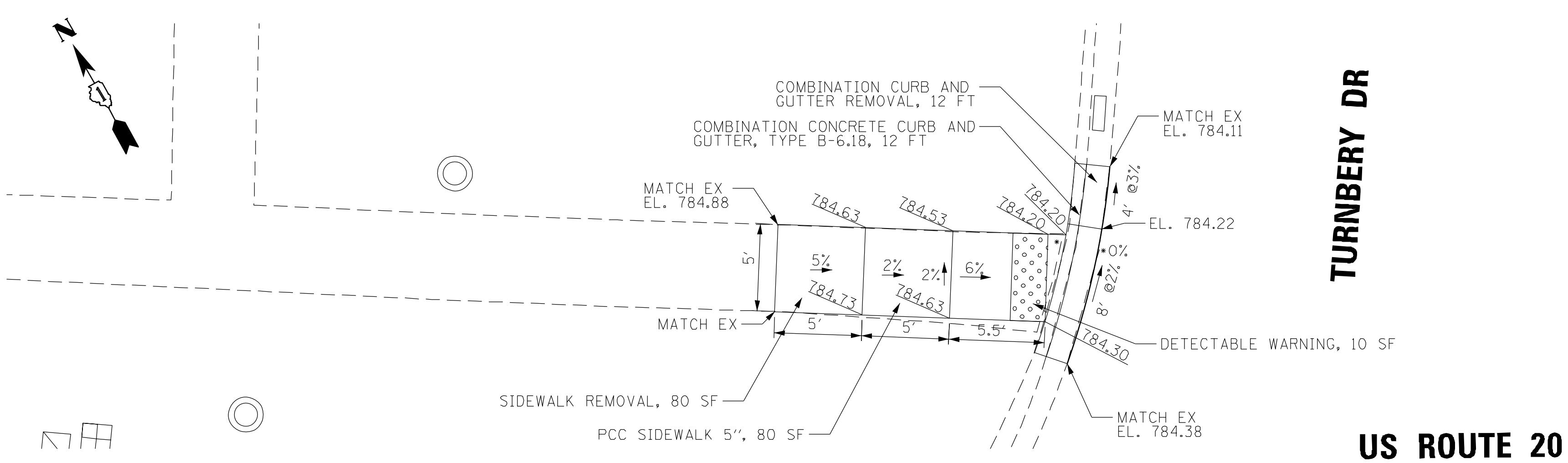
TOPSOIL FURNISH & PLACE 4", 12 SY
SODDING SALT TOLERANT, 12 SY



NOTE:

ASSUMING AN OFFSET LIMIT OF 2 FEET BEYOND THE EDGE OF SIDEWALK, FOLLOWING ARE THE ESTIMATED QUANTITIES FOR LANDSCAPING RESTORATION:

TOPSOIL FURNISH & PLACE 4", 10 SY
SODDING SALT TOLERANT, 10 SY



NOTE:

ASSUMING AN OFFSET LIMIT OF 2 FEET BEYOND THE EDGE OF SIDEWALK, FOLLOWING ARE THE ESTIMATED QUANTITIES FOR LANDSCAPING RESTORATION:

TOPSOIL FURNISH & PLACE 4", 7 SY
SODDING SALT TOLERANT, 7 SY

ADA-02

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USER NAME = Millennia Professional Services

2600 Warrenville Road, Suite 203, Downers Grove, IL 60515
630.705.0110 voice, 630.839.2566 fax
www.mps-il.com
MILLENNIA PROFESSIONAL SERVICES

DESIGNED - TVN	REVISED -	
DRAWN - JP	REVISED -	
CHECKED - TVN	REVISED -	
DATE - 10/19/2016	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA SIDEWALK RAMP DETAILS
US ROUTE 20 AT COLBY COMMERCE DRIVE

SCALE: 1"=5' | SHEET NO. OF SHEETS | STA. · TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
021	6Y-RS-6	DUPAGE		
		CONTRACT NO. 60V14		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

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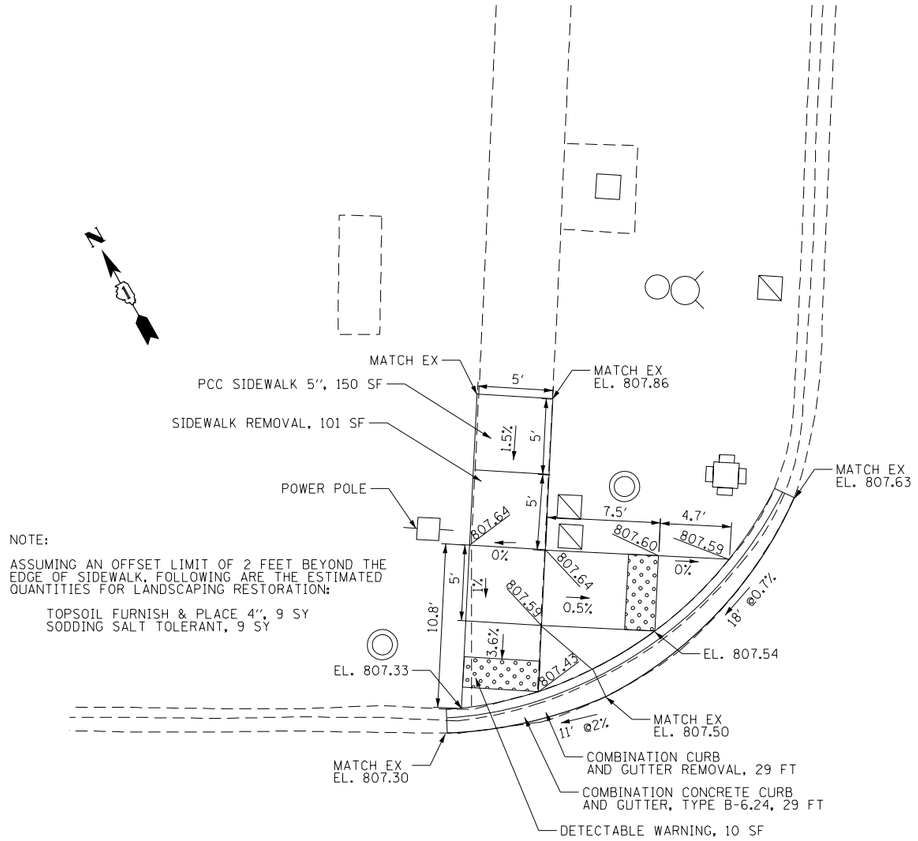
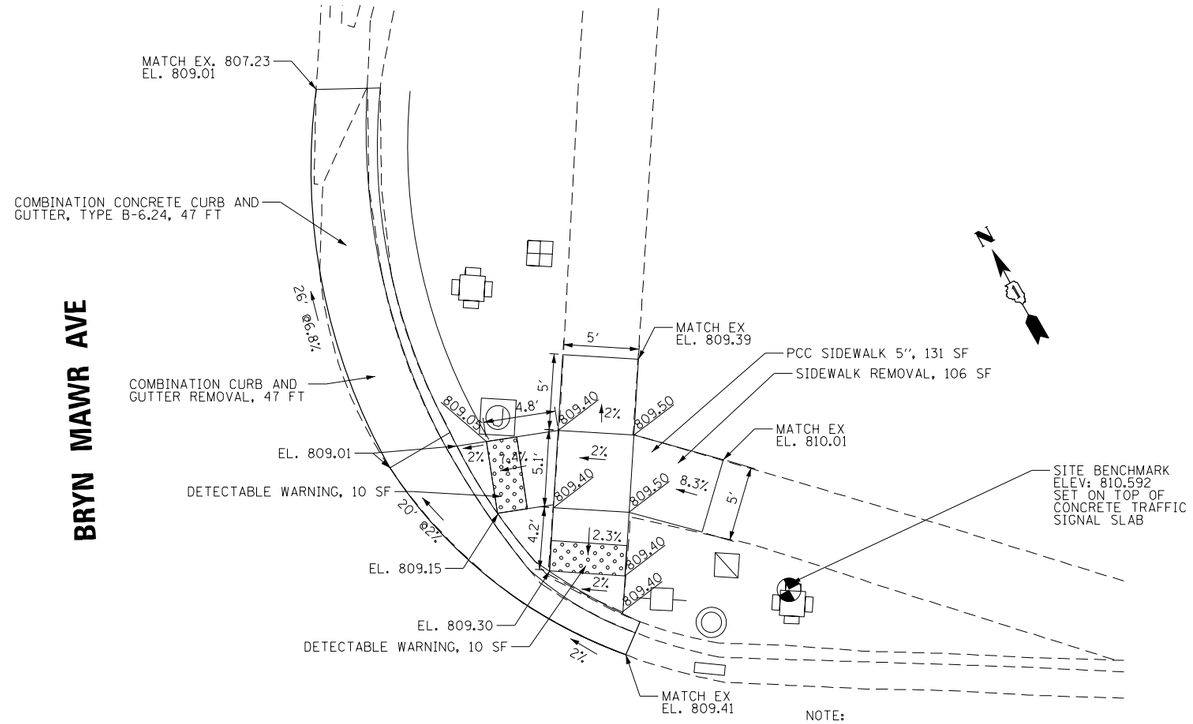


NOTE:

ASSUMING AN OFFSET LIMIT OF 2 FEET BEYOND THE EDGE OF SIDEWALK, FOLLOWING ARE THE ESTIMATED QUANTITIES FOR LANDSCAPING RESTORATION:

TOPSOIL FURNISH & PLACE 4", 9 SY
SODDING SALT TOLERANT, 9 SY

BRYN MAWR AVE



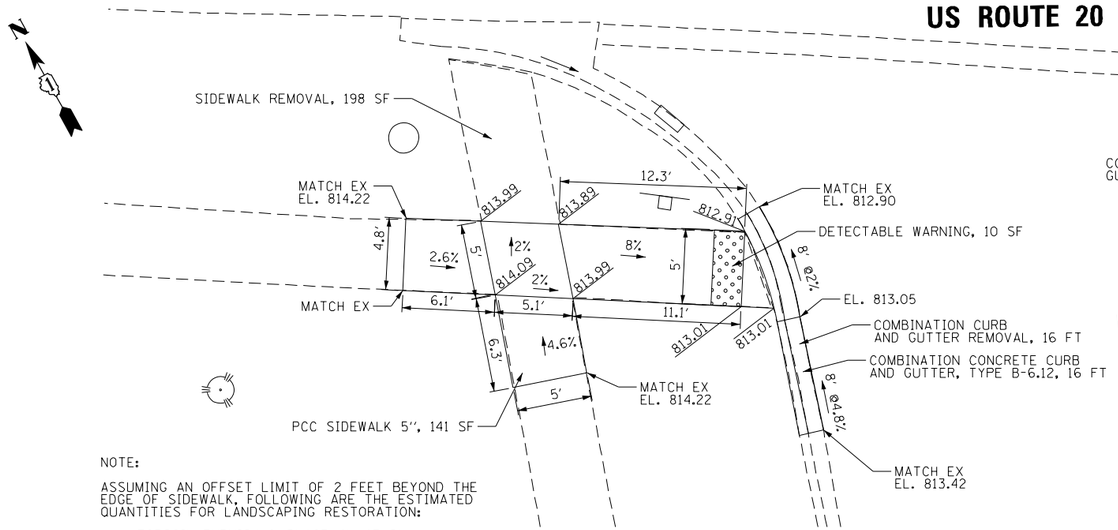
NOTE:

ASSUMING AN OFFSET LIMIT OF 2 FEET BEYOND THE EDGE OF SIDEWALK, FOLLOWING ARE THE ESTIMATED QUANTITIES FOR LANDSCAPING RESTORATION:

TOPSOIL FURNISH & PLACE 4", 13 SY
SODDING SALT TOLERANT, 13 SY

US ROUTE 20

US ROUTE 20



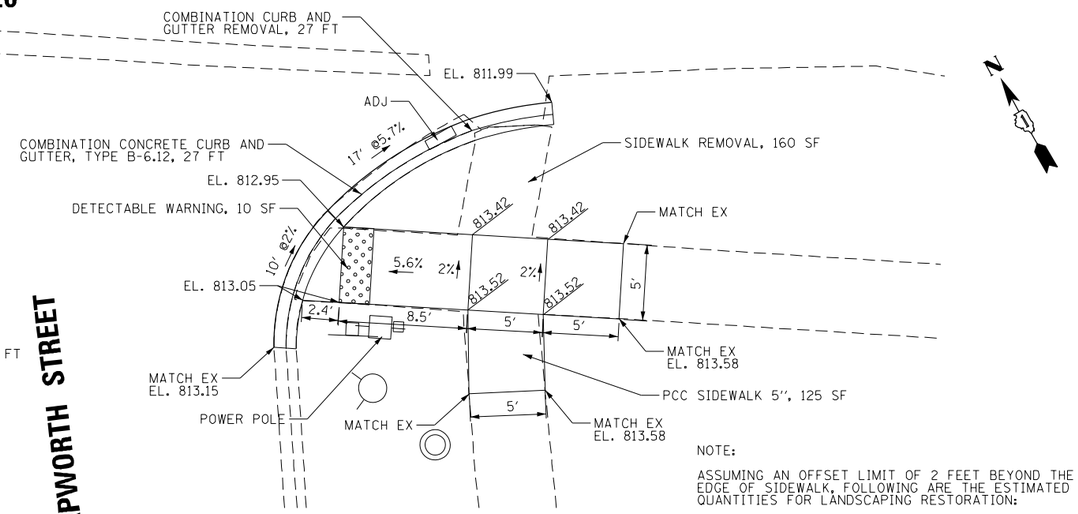
NOTE:

ASSUMING AN OFFSET LIMIT OF 2 FEET BEYOND THE EDGE OF SIDEWALK, FOLLOWING ARE THE ESTIMATED QUANTITIES FOR LANDSCAPING RESTORATION:

TOPSOIL FURNISH & PLACE 4", 17 SY
SODDING SALT TOLERANT, 17 SY

(THE REMOVAL AREA OF NORTH RAMP INCLUDED)

PAPWORTH STREET



NOTE:

ASSUMING AN OFFSET LIMIT OF 2 FEET BEYOND THE EDGE OF SIDEWALK, FOLLOWING ARE THE ESTIMATED QUANTITIES FOR LANDSCAPING RESTORATION:

TOPSOIL FURNISH & PLACE 4", 12 SY
SODDING SALT TOLERANT, 12 SY

(THE REMOVAL AREA OF NORTH RAMP INCLUDED)

ADA-03

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USER NAME = Millennia Professional Services

2600 Warrenville Road, Suite 203, Downers Grove, IL 60515
630.705.0110 voice, 630.839.2566 fax
www.mps-il.com
MILLENNIA PROFESSIONAL SERVICES

DESIGNED - TVN		REVISED -
DRAWN - JP		REVISED -
CHECKED - TVN		REVISED -
DATE - 10/19/2016		REVISED -

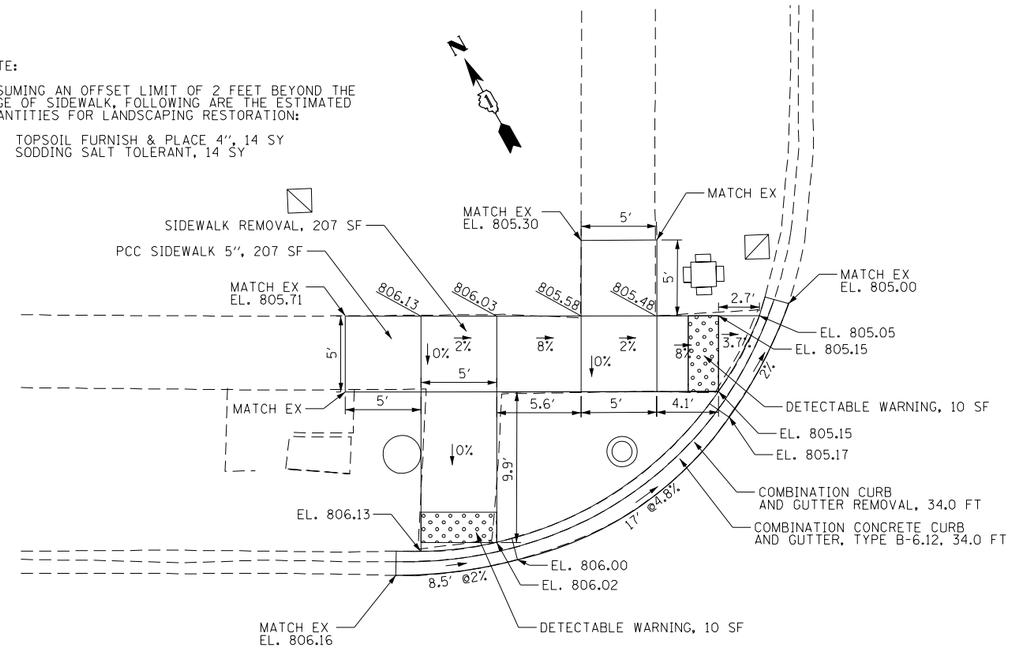
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA SIDEWALK RAMP DETAILS
US ROUTE 20

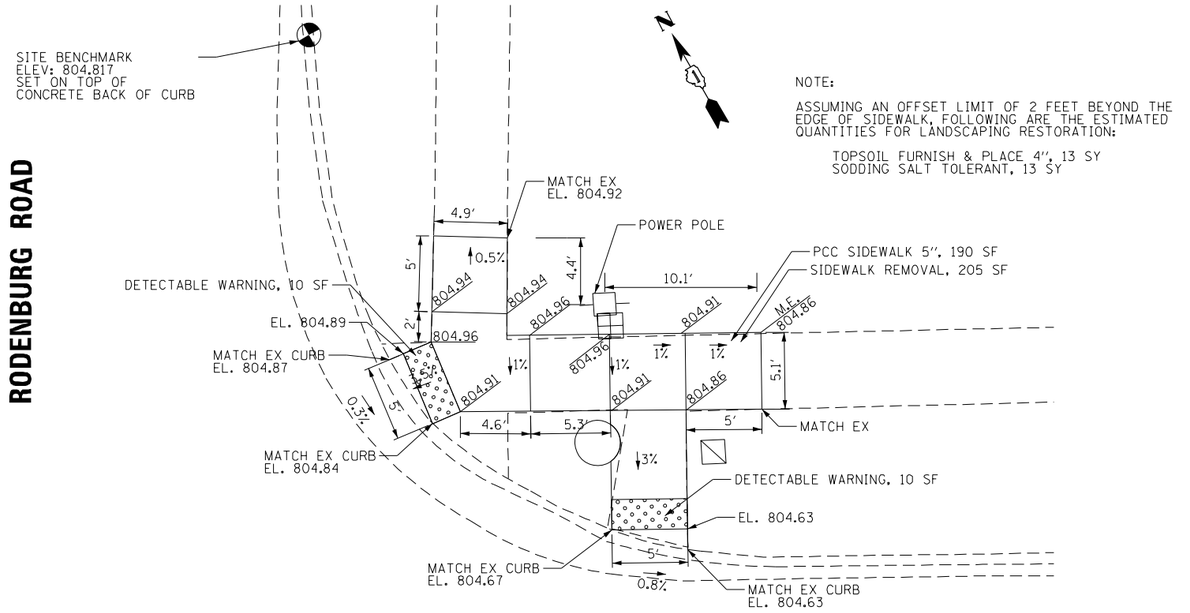
SCALE: 1"=5' | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
021	6Y-RS-6	DUPAGE		
		CONTRACT NO. 60V14		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

C:\Projects\W026.ADA.Ramps\Base\2016-10-17\D160V14-sht-Int Detail.03.dgn

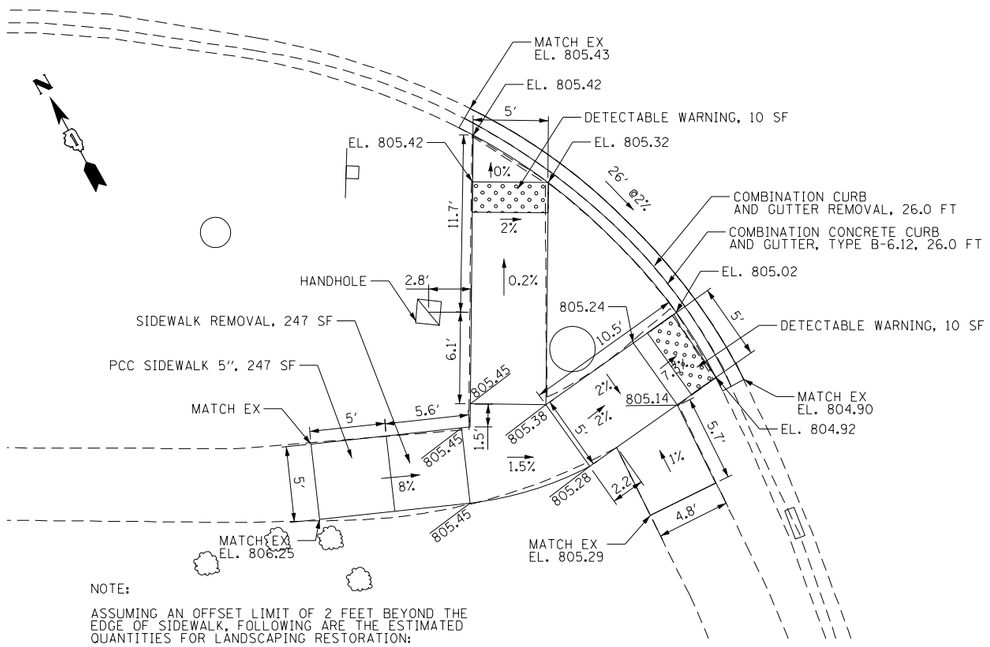


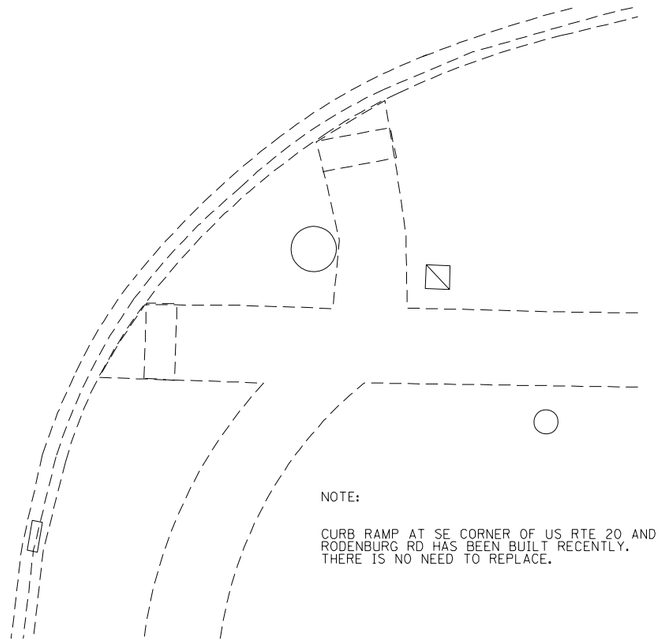
RODENBURG ROAD



US ROUTE 20

RODENBURG ROAD





ADA-04

2600 Warrenville Road, Suite 203, Downers Grove, IL 60515
630.785.8110 voice, 630.839.2566 fax
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MILLENNIA PROFESSIONAL SERVICES

DESIGNED	TVN	REVISED	-
DRAWN	JP	REVISED	-
CHECKED	TVN	REVISED	-
DATE	10/19/2016	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA SIDEWALK RAMP DETAILS
US ROUTE 20 AT RODENBURG ROAD

SCALE: 1"=5' | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
021	6Y-RS-6	DUPAGE		
		CONTRACT NO. 60V14		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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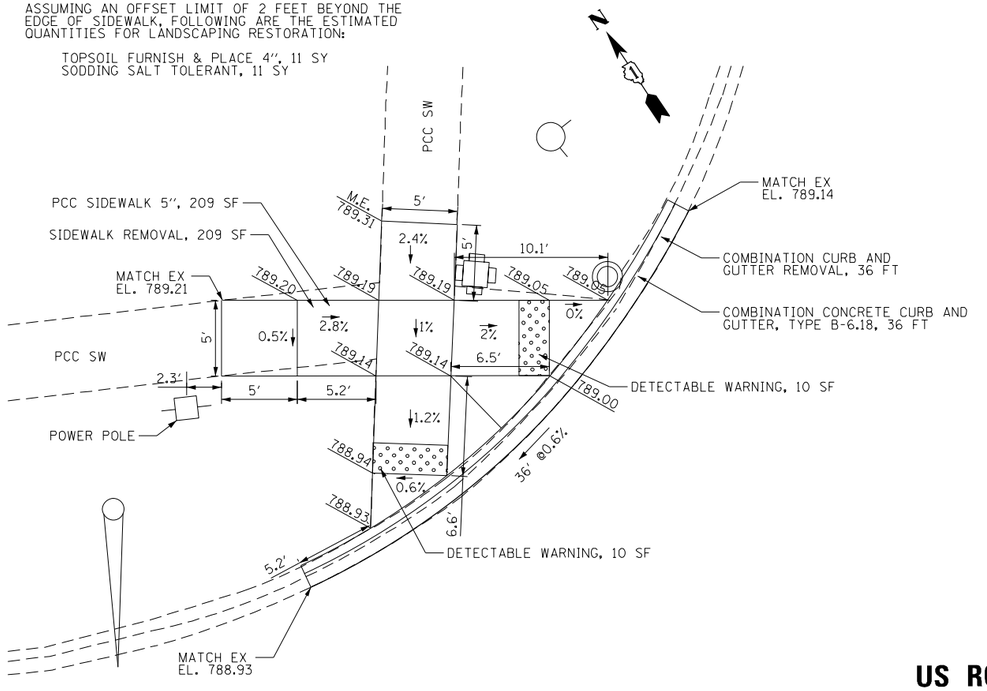
PLOT SCALE = 2.0000 '/ Inch
USER NAME = Millennia Professional Services

NOTE:

ASSUMING AN OFFSET LIMIT OF 2 FEET BEYOND THE EDGE OF SIDEWALK, FOLLOWING ARE THE ESTIMATED QUANTITIES FOR LANDSCAPING RESTORATION:

TOPSOIL FURNISH & PLACE 4", 11 SY
SODDING SALT TOLERANT, 11 SY



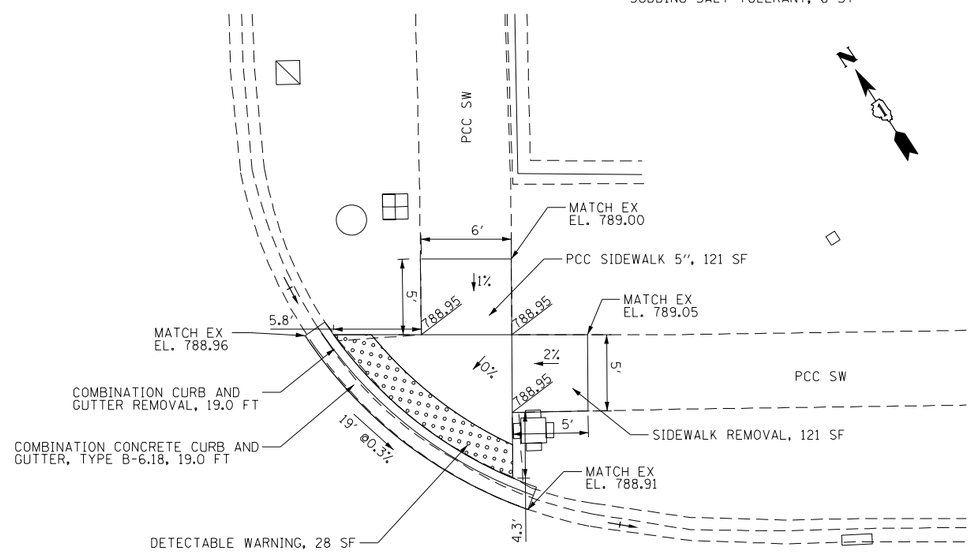
SPRINGFIELD DR

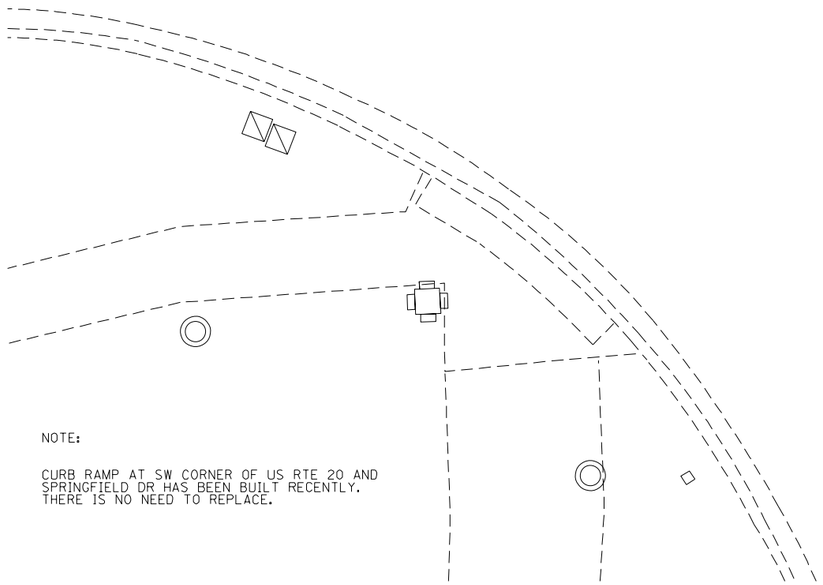
US ROUTE 20

NOTE:

ASSUMING AN OFFSET LIMIT OF 2 FEET BEYOND THE EDGE OF SIDEWALK, FOLLOWING ARE THE ESTIMATED QUANTITIES FOR LANDSCAPING RESTORATION:

TOPSOIL FURNISH & PLACE 4", 6 SY
SODDING SALT TOLERANT, 6 SY

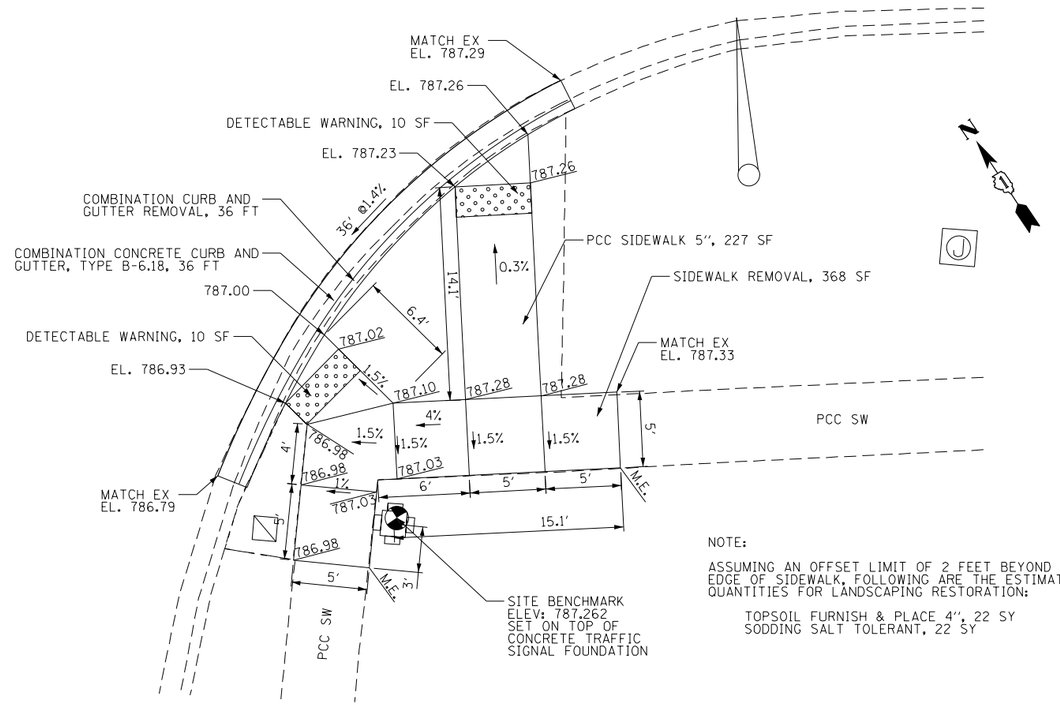




NOTE:

CURB RAMP AT SW CORNER OF US RTE 20 AND SPRINGFIELD DR HAS BEEN BUILT RECENTLY. THERE IS NO NEED TO REPLACE.

SPRINGFIELD DR



NOTE:

ASSUMING AN OFFSET LIMIT OF 2 FEET BEYOND THE EDGE OF SIDEWALK, FOLLOWING ARE THE ESTIMATED QUANTITIES FOR LANDSCAPING RESTORATION:

TOPSOIL FURNISH & PLACE 4", 22 SY
SODDING SALT TOLERANT, 22 SY

ADA-05

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DRAWN	- JP	REVISED	-
CHECKED	- TVN	REVISED	-
DATE	- 10/19/2016	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA SIDEWALK RAMP DETAILS
US ROUTE 20 AT SPRINGFIELD DRIVE

SCALE: 1"=5' | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
021	6Y-RS-6	DUPAGE		
		CONTRACT NO. 60V14		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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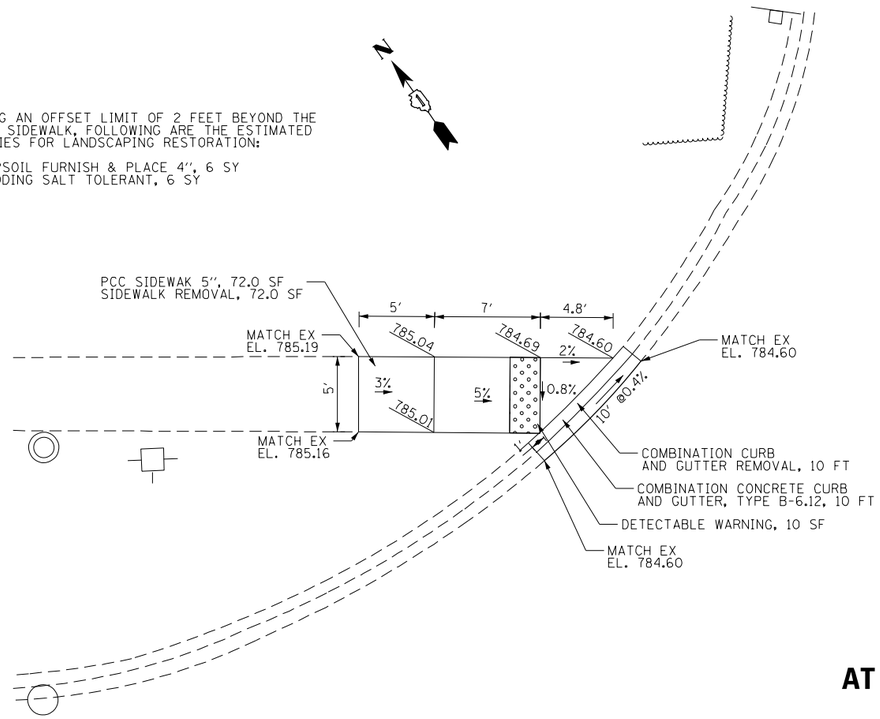
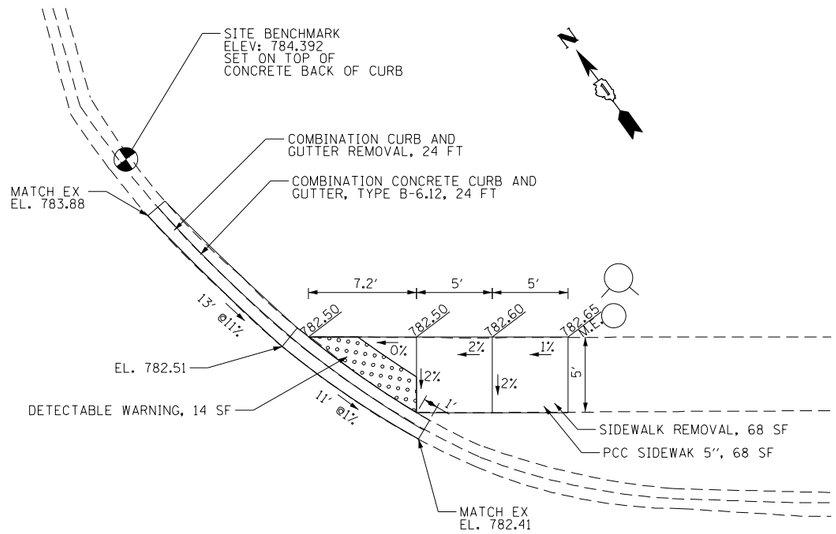
PLOT SCALE = 1.0000 '/ '
USER NAME = Millennia Professional Services

NOTE:

ASSUMING AN OFFSET LIMIT OF 2 FEET BEYOND THE EDGE OF SIDEWALK, FOLLOWING ARE THE ESTIMATED QUANTITIES FOR LANDSCAPING RESTORATION:

TOPSOIL FURNISH & PLACE 4", 6 SY
SODDING SALT TOLERANT, 6 SY



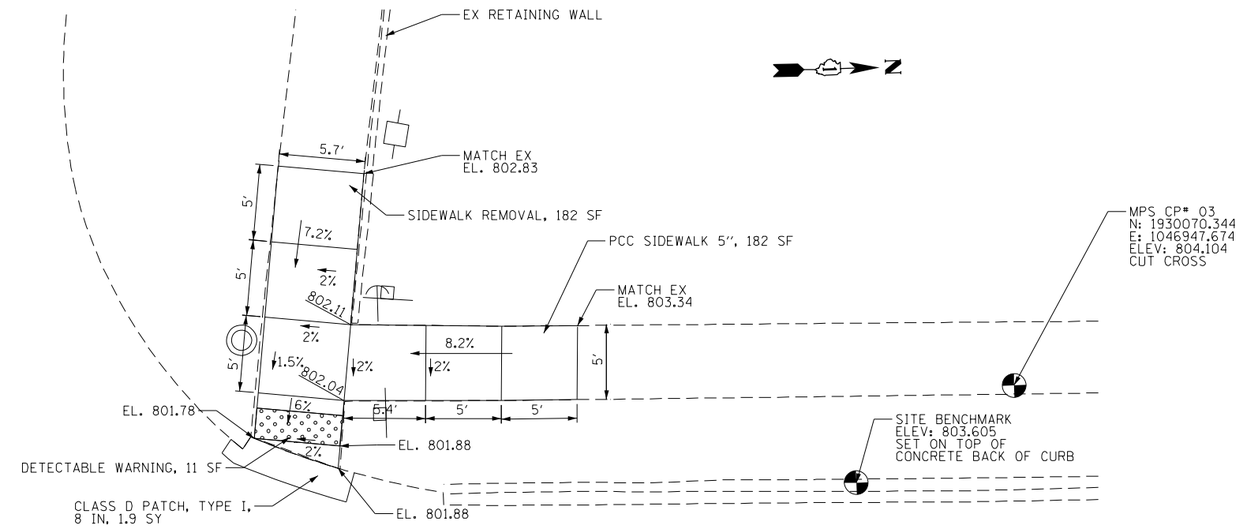


US ROUTE 20
AT BUTERA MARKET ENTRANCE

NOTE:

ASSUMING AN OFFSET LIMIT OF 2 FEET BEYOND THE EDGE OF SIDEWALK, FOLLOWING ARE THE ESTIMATED QUANTITIES FOR LANDSCAPING RESTORATION:

TOPSOIL FURNISH & PLACE 4", 6 SY
SODDING SALT TOLERANT, 6 SY



NOTE:

ASSUMING AN OFFSET LIMIT OF 2 FEET BEYOND THE EDGE OF SIDEWALK, FOLLOWING ARE THE ESTIMATED QUANTITIES FOR LANDSCAPING RESTORATION:

TOPSOIL FURNISH & PLACE 4", 13 SY
SODDING SALT TOLERANT, 13 SY

ADA-06

FILE NAME = C:\Projects\W026_ADA_Ramps\Base\2016-10-17\D160V14-sht-Int Detail_06.dgn
PLOT SCALE = 2.0000 '/ In.
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DRAWN - JP	REVISED -	
CHECKED - TVN	REVISED -	
DATE - 10/19/2016	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA SIDEWALK RAMP DETAILS
US ROUTE 20

SCALE: 1"=5' | SHEET NO. OF SHEETS | STA. | TO STA.

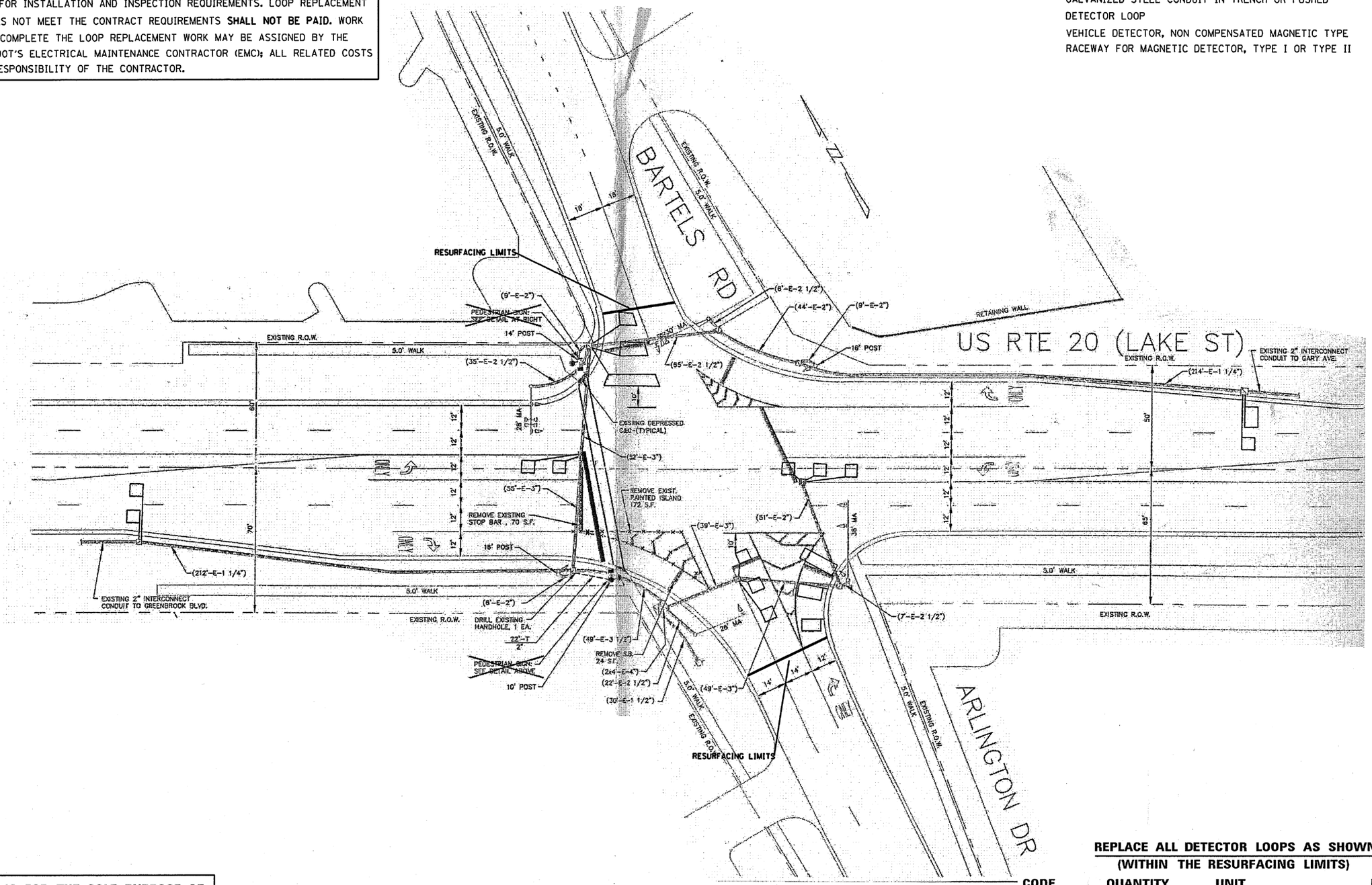
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
021	6Y-RS-6	DUPAGE		
		CONTRACT NO. 60V14		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

C:\Projects\W026_ADA_Ramps\Base\2016-10-17\D160V14-sht-Int Detail_06.dgn

WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "**TRAFFIC SIGNAL SPECIFICATIONS FOR DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION ON ROADWAY GRINDING, RESURFACING AND PATCHING OPERATIONS**". SPECIAL ATTENTION MUST BE MADE TO THE SECTIONS "**INSPECTION OF CONSTRUCTION**" AND "**DETECTOR LOOP REPLACEMENT**" FOR INSTALLATION AND INSPECTION REQUIREMENTS. LOOP REPLACEMENT WORK THAT DOES NOT MEET THE CONTRACT REQUIREMENTS **SHALL NOT BE PAID.** WORK NECESSARY TO COMPLETE THE LOOP REPLACEMENT WORK MAY BE ASSIGNED BY THE ENGINEER TO IDOT'S ELECTRICAL MAINTENANCE CONTRACTOR (EMC); ALL RELATED COSTS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD		
GALVANIZED STEEL CONDUIT IN TRENCH OR PUSHED		
DETECTOR LOOP		
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE		
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II		"E"



REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)

CODE	QUANTITY	UNIT	ITEM
88600600	609	FOOT	DETECTOR LOOP REPLACEMENT

THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENTS ONLY

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D152112\Praha\Data\Design\D152112-sht-plan.dgn	USER NAME = pyrzanowskirb	DESIGNED -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 1/31/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLANS
US 20 AT ARLINGTON DR./BARTELS RD.

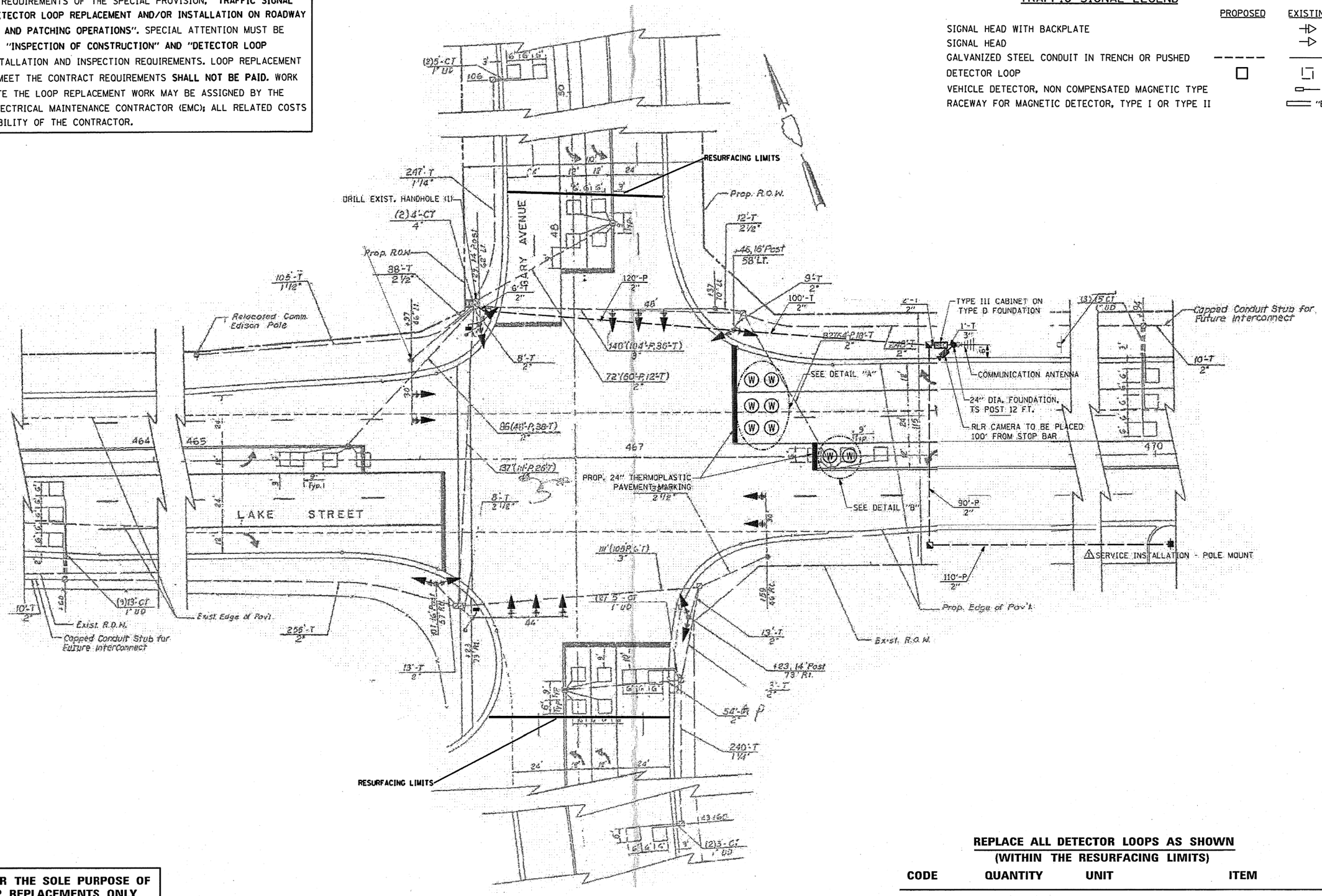
SCALE: | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
021	6Y-RS-6	DUPAGE	30	17
		CONTRACT NO. 60V14		
	ILLINOIS	FED. AID PROJECT		

WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, **"TRAFFIC SIGNAL SPECIFICATIONS FOR DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION ON ROADWAY GRINDING, RESURFACING AND PATCHING OPERATIONS"**. SPECIAL ATTENTION MUST BE MADE TO THE SECTIONS **"INSPECTION OF CONSTRUCTION" AND "DETECTOR LOOP REPLACEMENT"** FOR INSTALLATION AND INSPECTION REQUIREMENTS. LOOP REPLACEMENT WORK THAT DOES NOT MEET THE CONTRACT REQUIREMENTS **SHALL NOT BE PAID.** WORK NECESSARY TO COMPLETE THE LOOP REPLACEMENT WORK MAY BE ASSIGNED BY THE ENGINEER TO IDOT'S ELECTRICAL MAINTENANCE CONTRACTOR (EMC); ALL RELATED COSTS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD		
GALVANIZED STEEL CONDUIT IN TRENCH OR PUSHED		
DETECTOR LOOP		
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE		
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II	"E"	



REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)

CODE	QUANTITY	UNIT	ITEM
88600600	794	FOOT	DETECTOR LOOP REPLACEMENT

THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENTS ONLY

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		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 1/31/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOPS REPLACEMENT PLANS
US 20 AT S. GARY AVE.

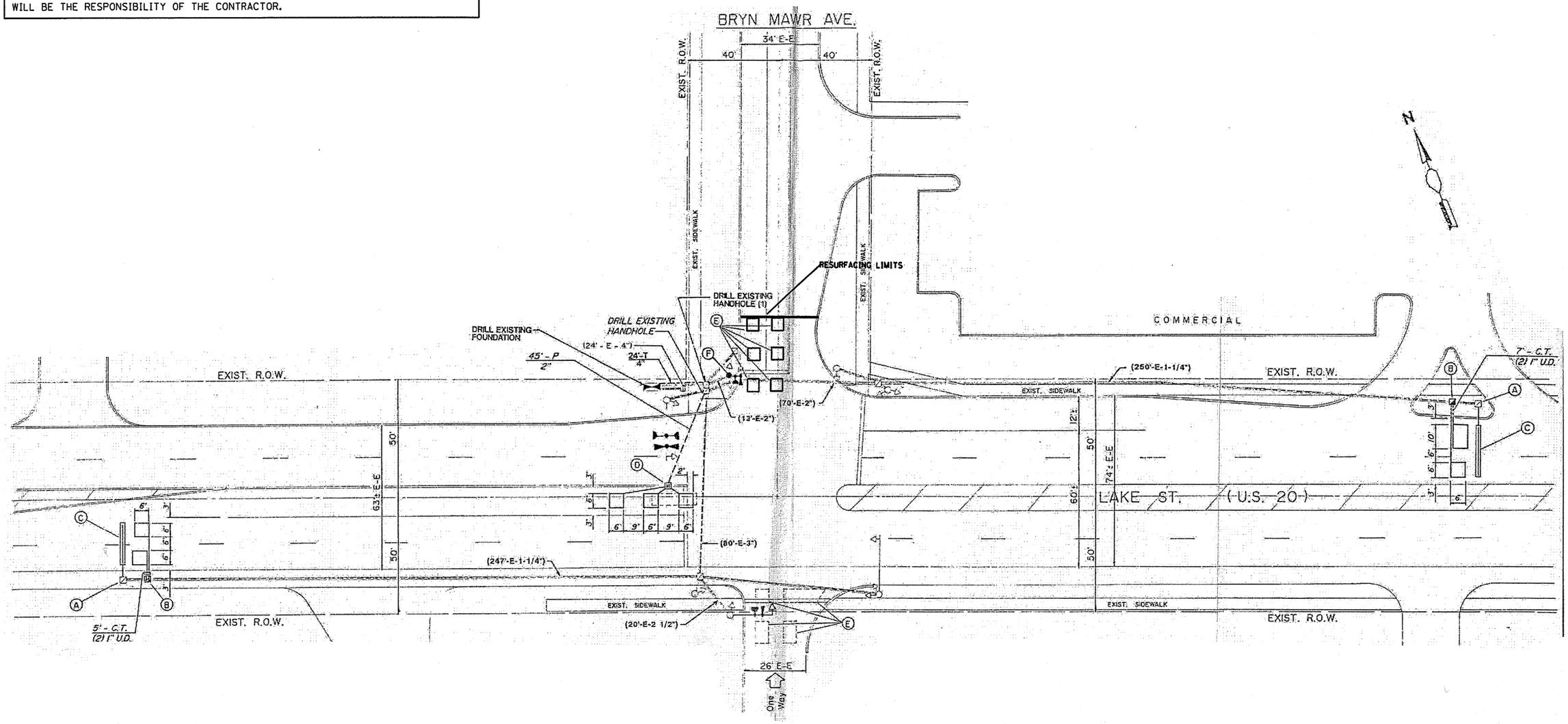
SCALE: | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
021	6Y-RS-6	DUPAGE	30	18
		CONTRACT NO. 60V14		
	ILLINOIS	FED. AID PROJECT		

WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, **"TRAFFIC SIGNAL SPECIFICATIONS FOR DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION ON ROADWAY GRINDING, RESURFACING AND PATCHING OPERATIONS"**. SPECIAL ATTENTION MUST BE MADE TO THE SECTIONS **"INSPECTION OF CONSTRUCTION" AND "DETECTOR LOOP REPLACEMENT"** FOR INSTALLATION AND INSPECTION REQUIREMENTS. LOOP REPLACEMENT WORK THAT DOES NOT MEET THE CONTRACT REQUIREMENTS **SHALL NOT BE PAID.** WORK NECESSARY TO COMPLETE THE LOOP REPLACEMENT WORK MAY BE ASSIGNED BY THE ENGINEER TO IDOT'S ELECTRICAL MAINTENANCE CONTRACTOR (EMC); ALL RELATED COSTS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD		
GALVANIZED STEEL CONDUIT IN TRENCH OR PUSHED		
DETECTOR LOOP		
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE		
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II		"E"



THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENTS ONLY

REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)

CODE	QUANTITY	UNIT	ITEM
88600600	445	FOOT	DETECTOR LOOP REPLACEMENT

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		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 1/31/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLANS
US 20 AT W. BRYN MAWR AVE.

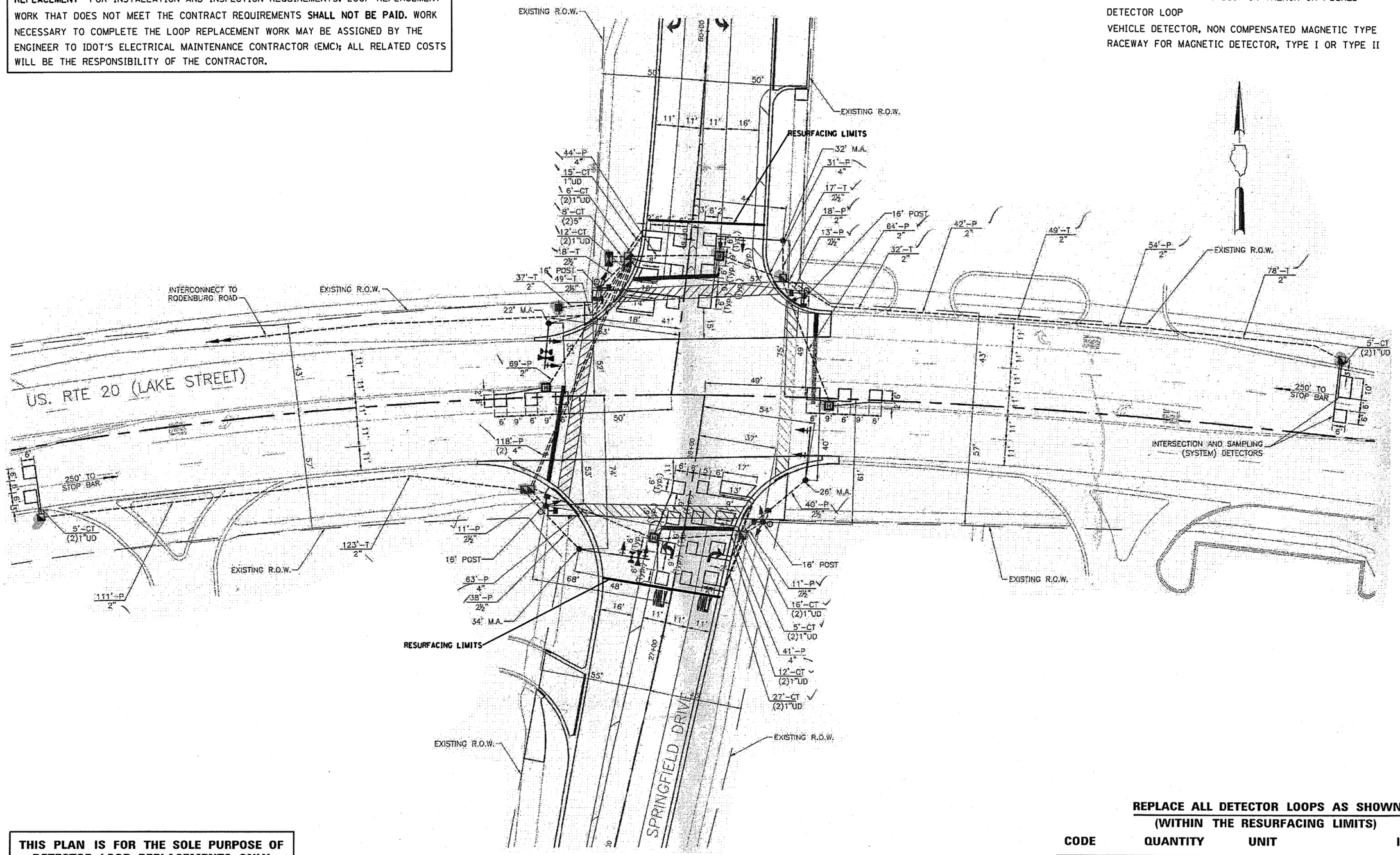
SCALE: | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
021	6Y-RS-6	DUPAGE	30	19
		CONTRACT NO. 60V14		
	ILLINOIS FED. AID PROJECT			

WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, **"TRAFFIC SIGNAL SPECIFICATIONS FOR DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION ON ROADWAY GRINDING, RESURFACING AND PATCHING OPERATIONS"**. SPECIAL ATTENTION MUST BE MADE TO THE SECTIONS **"INSPECTION OF CONSTRUCTION" AND "DETECTOR LOOP REPLACEMENT"** FOR INSTALLATION AND INSPECTION REQUIREMENTS. LOOP REPLACEMENT WORK THAT DOES NOT MEET THE CONTRACT REQUIREMENTS **SHALL NOT BE PAID.** WORK NECESSARY TO COMPLETE THE LOOP REPLACEMENT WORK MAY BE ASSIGNED BY THE ENGINEER TO IDOT'S ELECTRICAL MAINTENANCE CONTRACTOR (EMC); ALL RELATED COSTS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD		
GALVANIZED STEEL CONDUIT IN TRENCH OR PUSHED		
DETECTOR LOOP		
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE		
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II		"E"



THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENTS ONLY

REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)

CODE	QUANTITY	UNIT	ITEM
88600600	1,120	FOOT	DETECTOR LOOP REPLACEMENT

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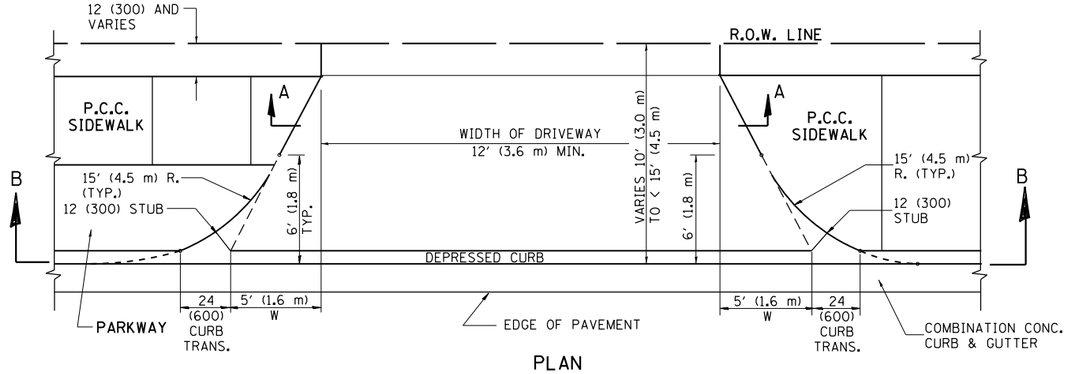
	PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -
Default	PLOT DATE = 1/31/2017	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLANS
US 20 AT SPRINGFIELD DR.

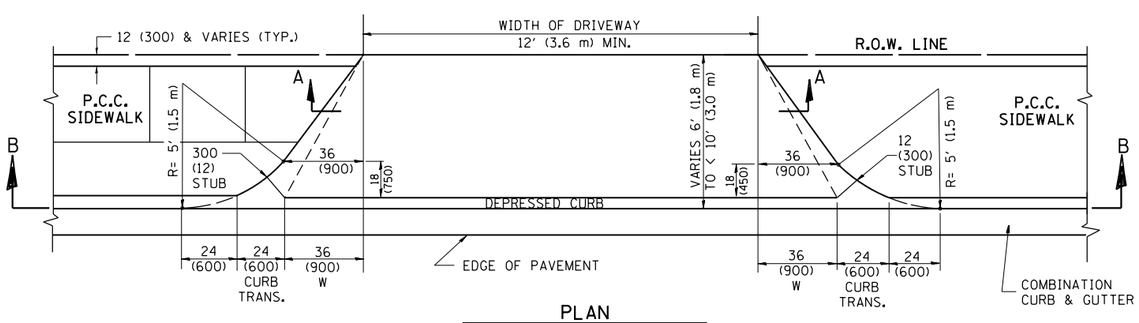
SCALE: | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
021	6Y-RS-6	DUPAGE	30	20
		CONTRACT NO. 60V14		
	ILLINOIS FED. AID PROJECT			



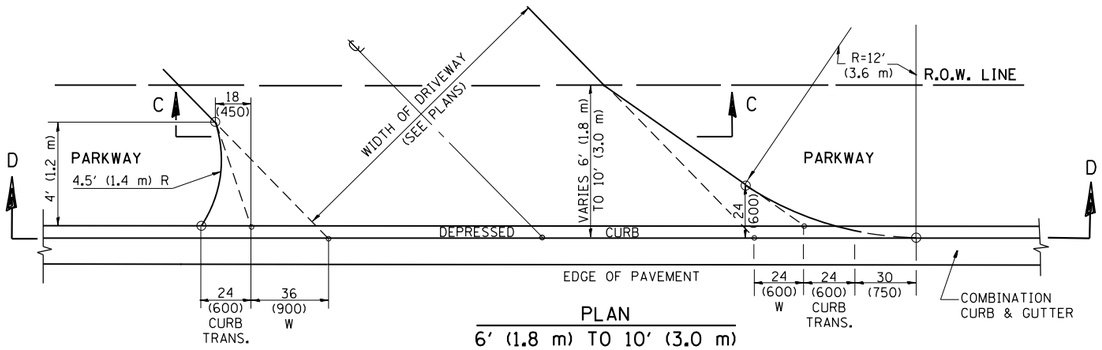
PLAN

10' (3.0 m) TO < 15' (4.5 m)



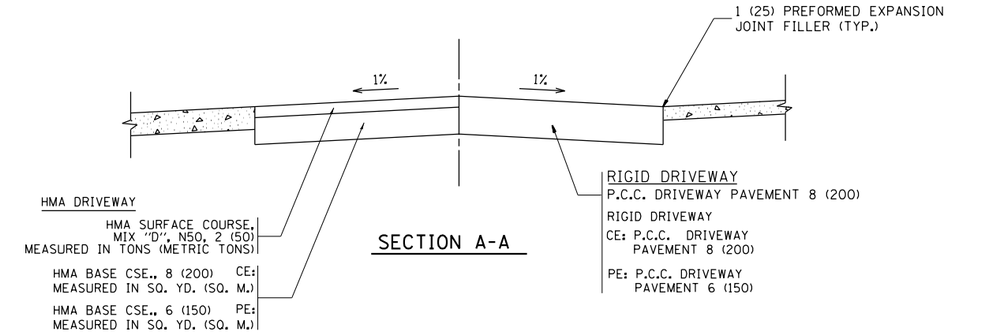
PLAN

6' (1.8 m) TO < 10' (3.0 m)

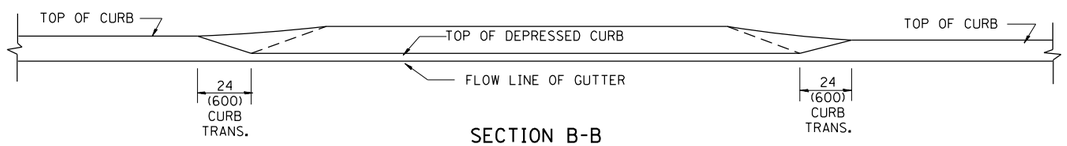


PLAN

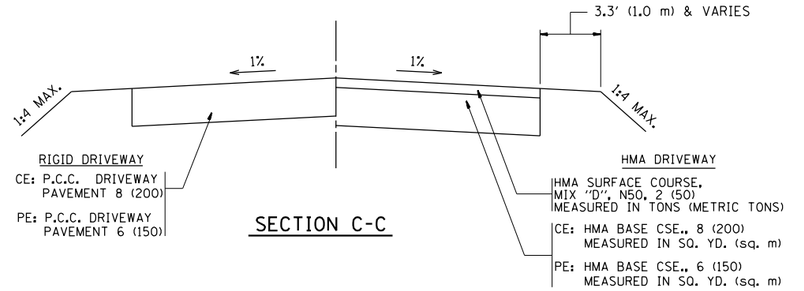
6' (1.8 m) TO 10' (3.0 m)



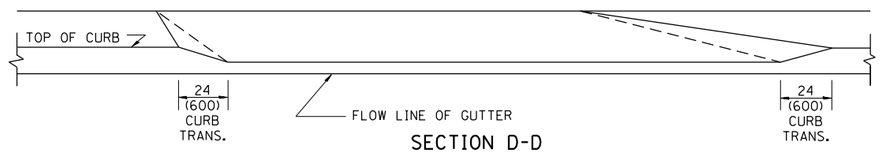
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

GENERAL NOTES

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE P.C.C. SIDEWALK SHALL EXTEND TO THE BACK OF CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

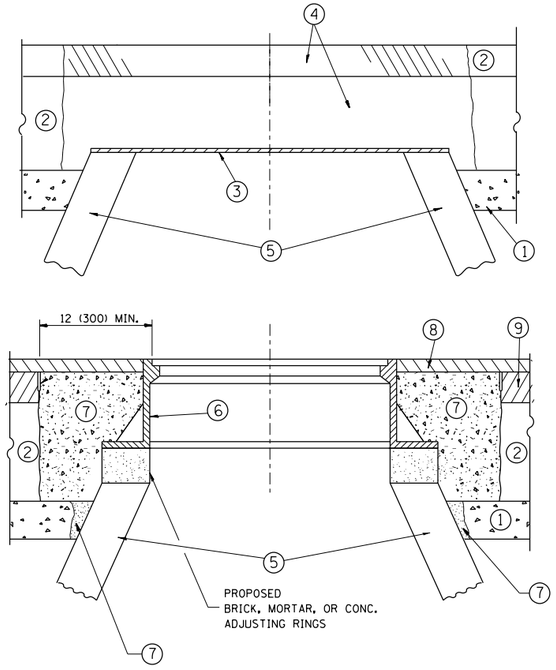
COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

THE 1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

"W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

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

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D152112\Data\Design\D152112-sht-plan.dgn	USER NAME = pyrzanowskirb	DESIGNED - R. SHAH	REVISED - M. GOMEZ 04-06-01	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRIVEWAY DETAILS DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5 m)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED - P. LaFLEUR 04-15-03			021	6Y-RS-6	DUPAGE	30	21
	PLOT DATE = 1/13/2017	CHECKED -	REVISED - R. BORO 01-01-07				BD400-02 (BD-02)		CONTRACT NO. 60V14	
		DATE - 11-06-95	REVISED - R. BORO 01-01-07		SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.		FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	



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 A MINIMUM 1½ (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

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

NOTES:

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.

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.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

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.

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:

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)."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

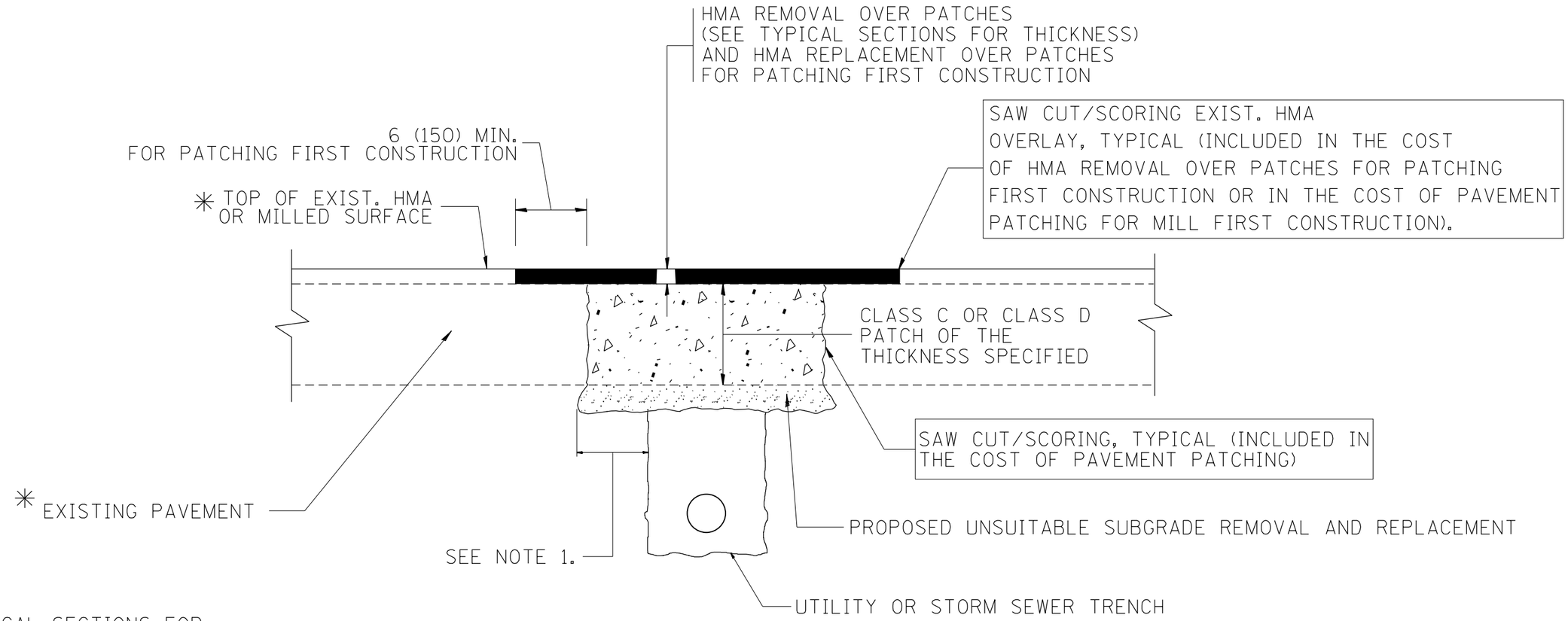
FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D152112\Data\Design\D152112-sht-plan.dgn	USER NAME = pyrzanowskirb	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04
		DRAWN -	REVISED - R. BORO 01-01-07
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. BORO 03-09-11
	PLOT DATE = 1/13/2017	DATE - 10-25-94	REVISED - R. BORO 12-06-11

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING

SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
021	6Y-RS-6	DUPAGE	30	22
	BD600-03 (BD-8)	CONTRACT NO. 60V14		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



✳ SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

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.

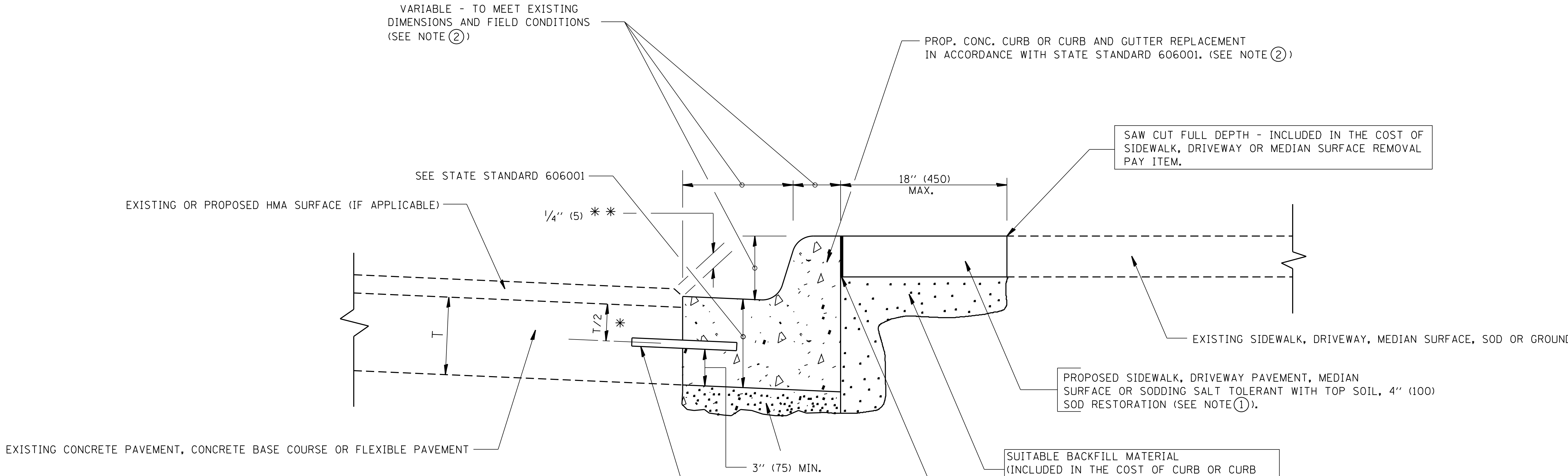
SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST $4\frac{1}{2}$ 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.

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D152112\Data\Design\D152112-sht-plan.dgn	USER NAME = pyrzanowskirb	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. BORO 01-01-07		
	PLOT DATE = 1/13/2017	DATE - 10-25-94	REVISED - R. BORO 09-04-07		
			REVISED - K. ENG 10-27-08		SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
021	6Y-RS-6	DUPAGE	30	23
	BD400-04 (BD-22)	CONTRACT NO. 60V14		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



✳ 3'' (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

✳✳ IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

NOTE: (1) SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.

SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4'' WILL BE PAID FOR SEPARATELY,

(2) FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED

(3) CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

(4) FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

(5) LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

(6) THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.

(7) THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

(8) THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

REMOVAL AND REPLACEMENT 4'' (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

REMOVAL AND REPLACEMENT IN EXCESS OF 4'' (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24'' (600) LONG AT 24'' (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE (3)).

BASIS OF PAYMENT:

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR ''CURB REMOVAL AND REPLACEMENT'' OR ''COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT''.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

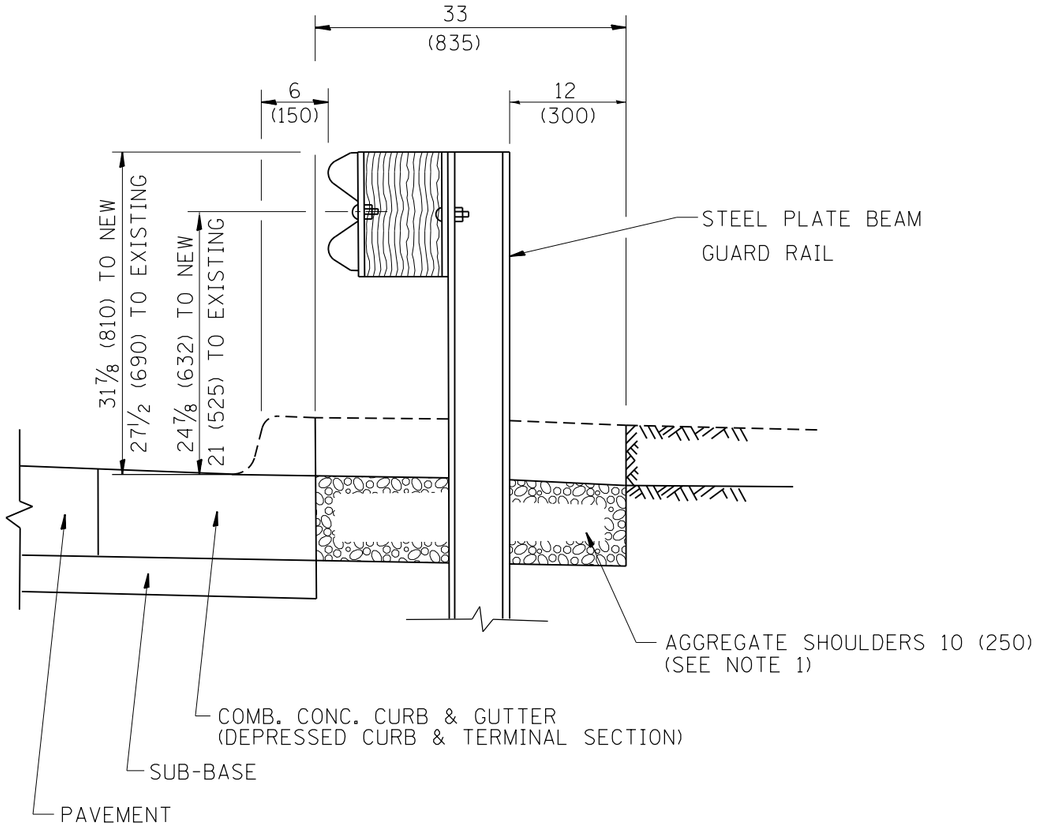
FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D152112\CADData\Design\D152112-sht-plan.dgn	USER NAME = pyrzanowskirb	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96
		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - M. GOMEZ 01-22-01
	PLOT DATE = 1/13/2017	DATE - 03-11-94	REVISED - R. BORO 12-15-09

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
021	6Y-RS-6	DUPAGE	30	24
	BD600-06 (BD-24)	CONTRACT NO. 60V14		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

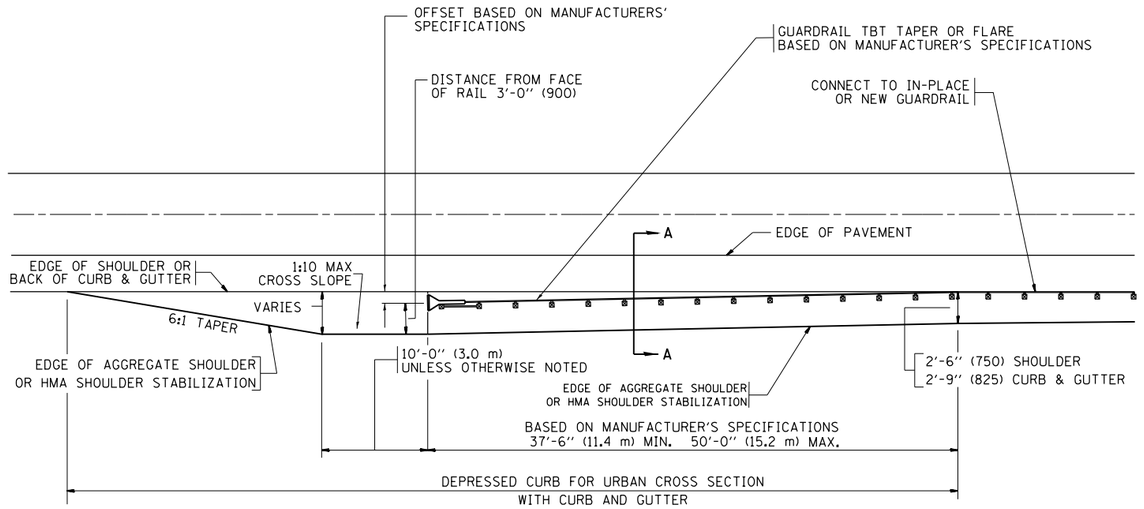


SECTION A-A

NOTES:
1. THE AGGREGATE SHOULDER, 10'' OR HMA SHOULDER, 6'' (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.

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

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



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

BASIS OF PAYMENT: HMA SHOULDERS 6 (150) (IF REQUIRED) WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR ''HOT-MIX ASPHALT SHOULDERS 6'' (150 mm)''.

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.

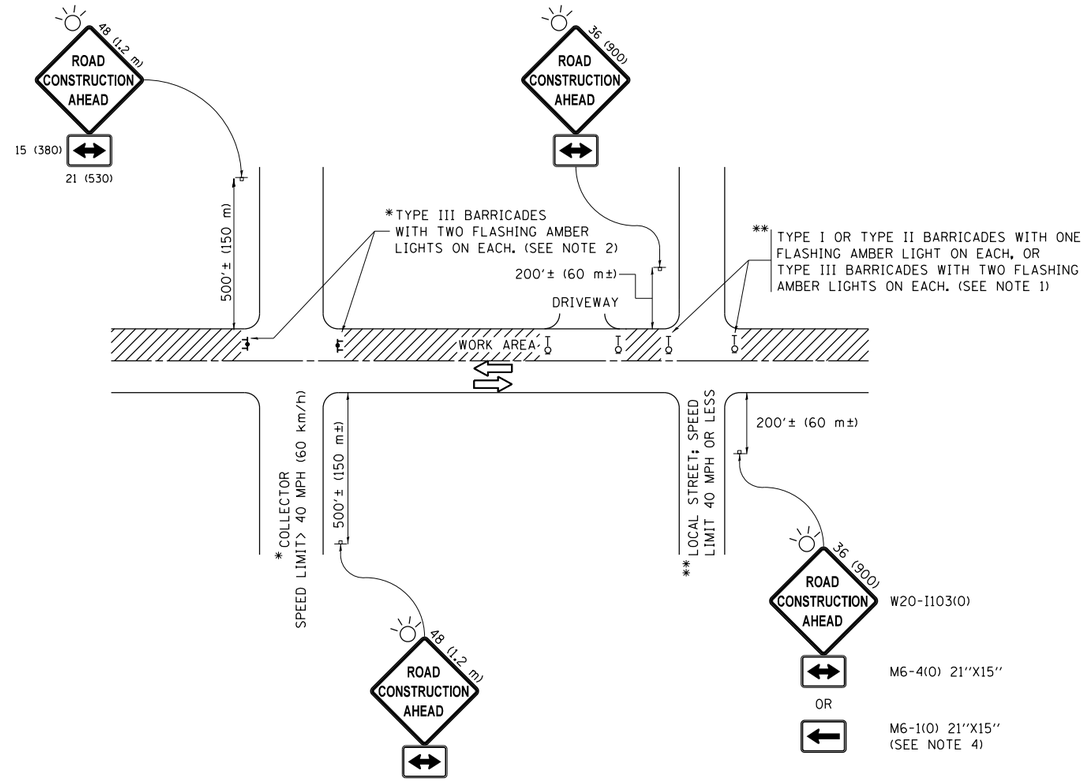
FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D1521DRAWN...ata\Design\D152112-sht-plan.dgn	USER NAME = pyrzanowskirb	DESIGNED - M. DE YONG	REVISED - E. GOMEZ 08-28-00
			REVISED - R. BORO 01-01-07
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED - R. BORO 12-08-2008
	PLOT DATE = 2/3/2017	DATE - 09-22-90	REVISED - R. BORO 09-14-2009

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
021	6Y-RS-6	DUPAGE	30	24A
	BD600-10 (BD 34)	CONTRACT NO. 60V14		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
   a) ONE ''ROAD CONSTRUCTION AHEAD'' SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
   a) ONE ''ROAD CONSTRUCTION AHEAD'' SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. 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.
4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

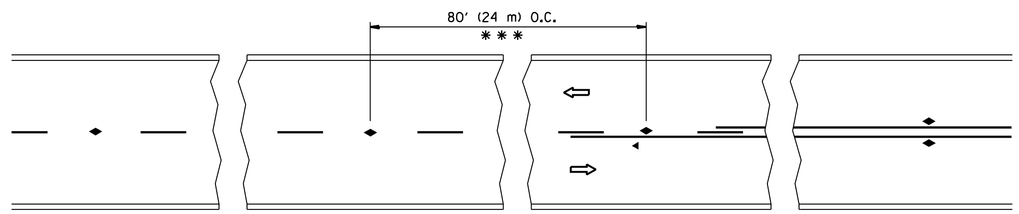
FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D152112\Design\D152112-sht-plan.dgn	USER NAME = pyrzanowskirb	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
		DRAWN -	REVISED -T. RAMMACHER 01-06-00
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
Default	PLOT DATE = 1/13/2017	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

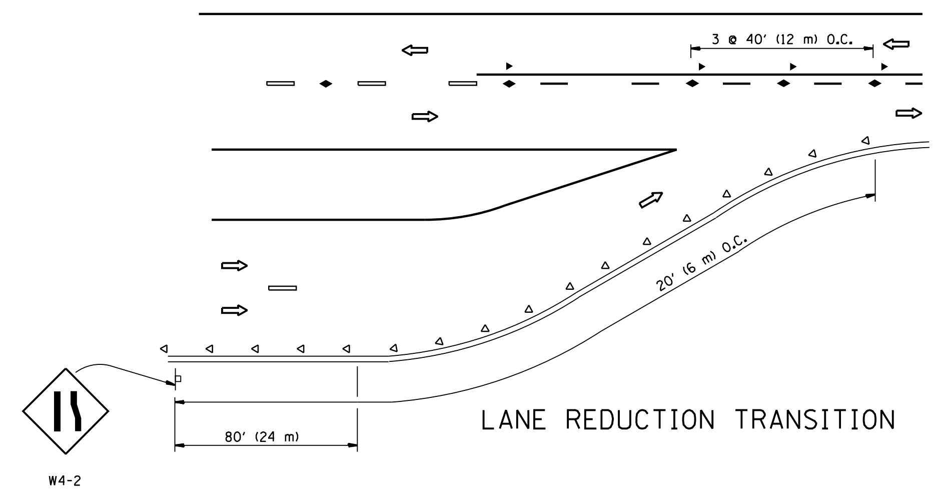
SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
021	6Y-RS-6	DUPAGE	30	25
	TC-10	CONTRACT NO. 60V14		
	ILLINOIS FED. AID PROJECT			

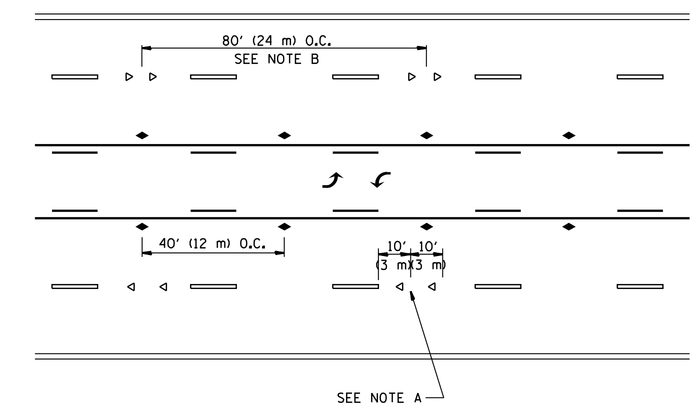


✱✱✱ REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

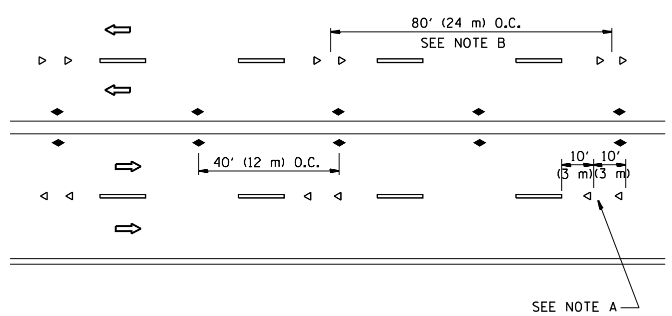
TWO-LANE/TWO-WAY



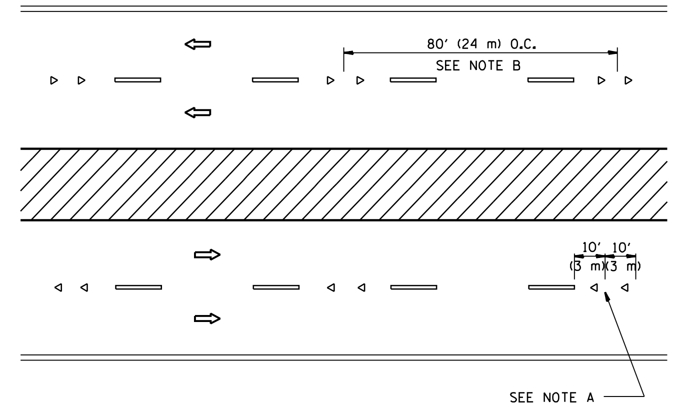
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

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

SYMBOLS

━ YELLOW STRIPE

▭ WHITE STRIPE

◀ ONE-WAY AMBER MARKER

◁ ONE-WAY CRYSTAL MARKER (W/O)

◆ TWO-WAY AMBER MARKER

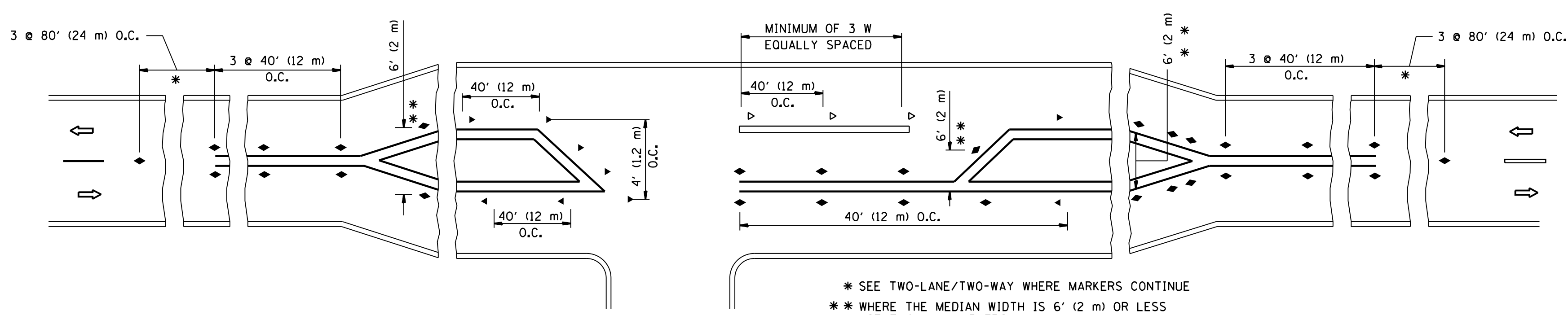
LANE MARKER NOTES

A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.

B. 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

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. 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

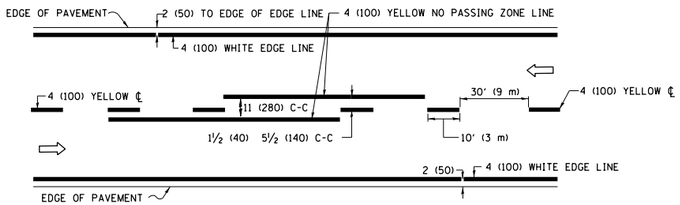
✱✱ WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

LEFT TURN

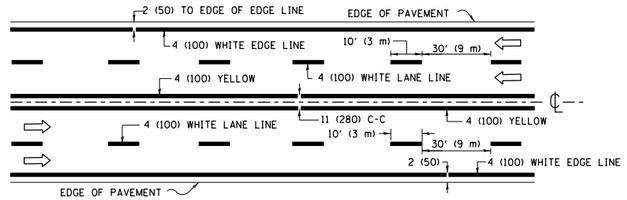
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D152112\CADData\Design\D152112-sht-plan.dgn	USER NAME = pyrzanowskirb	DESIGNED -	REVISED - T. RAMMACHER 09-19-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)	
		DRAWN	REVISED - T. RAMMACHER 03-12-99			
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - T. RAMMACHER 01-06-00			
	PLOT DATE = 1/13/2017	DATE -	REVISED - C. JUCIUS 09-09-09		SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.	

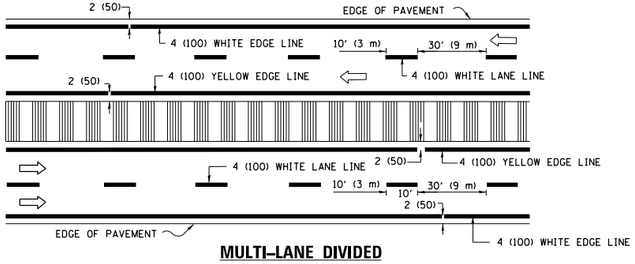
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
021	6Y-RS-6	DUPAGE	30	26
	TC-11	CONTRACT NO. 60V14		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



2–LANE ROADWAY

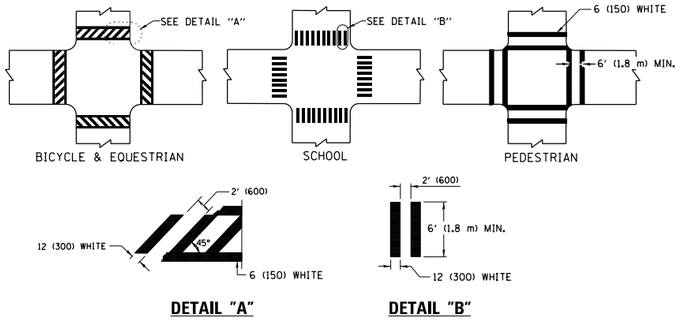


MULTI–LANE UNDIVIDED



MULTI–LANE DIVIDED
WITH MEDIAN

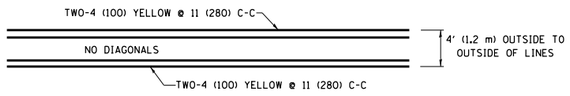
TYPICAL LANE AND EDGE LINE MARKING



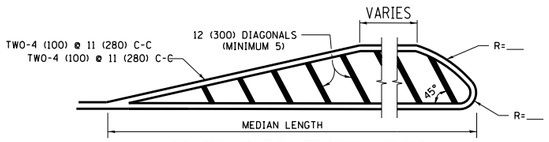
DETAIL "A" **DETAIL "B"**

TYPICAL CROSSWALK MARKING

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



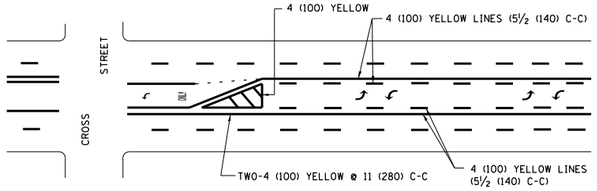
4' (1.2 m) WIDE MEDIANS ONLY



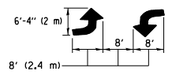
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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))

MEDIANS OVER 4' (1.2 m) WIDE

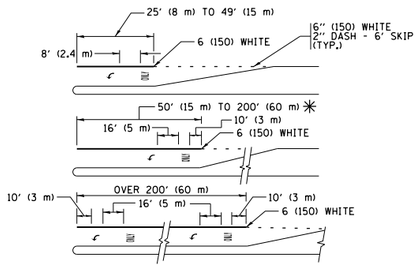


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO–WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

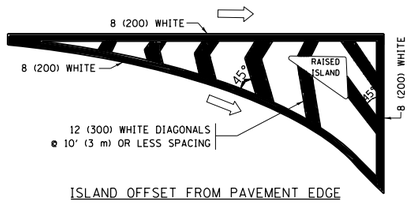


FULL SIZE LETTERS 8' (2,4 m) AND ARROWS SHALL BE USED.
↰ AREA = 15.6 SQ. FT. (1.5 m^2) **ONLY** AREA = 20.8 SQ. FT. (1.9 m^2)

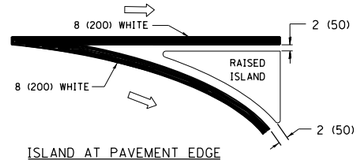
✳ TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

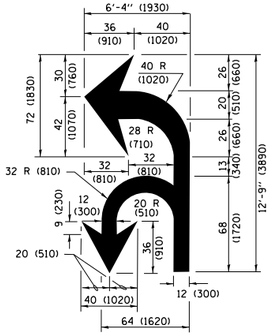


ISLAND OFFSET FROM PAVEMENT EDGE

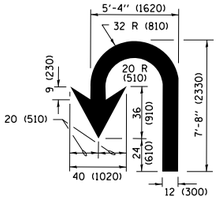


ISLAND AT PAVEMENT EDGE

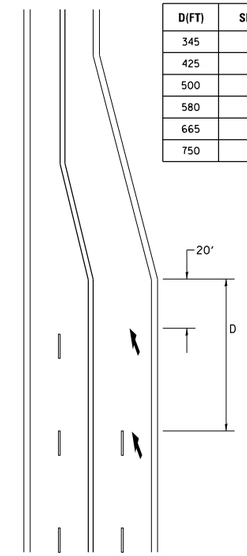
TYPICAL ISLAND MARKING



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	5½ (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; 5½ (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; 16 (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.

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D152112DrawingData\Design\D152112-sht-plan.dgn Default	USER NAME = pyrzanowskirb	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - C. JUCIUS 07-01-13
	PLOT DATE = 1/13/2017	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
			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. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
021	6Y-RS-6	DUPAGE	30	27
	TC-13	CONTRACT NO. 60V14		
	ILLINOIS FED. AID PROJECT			

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

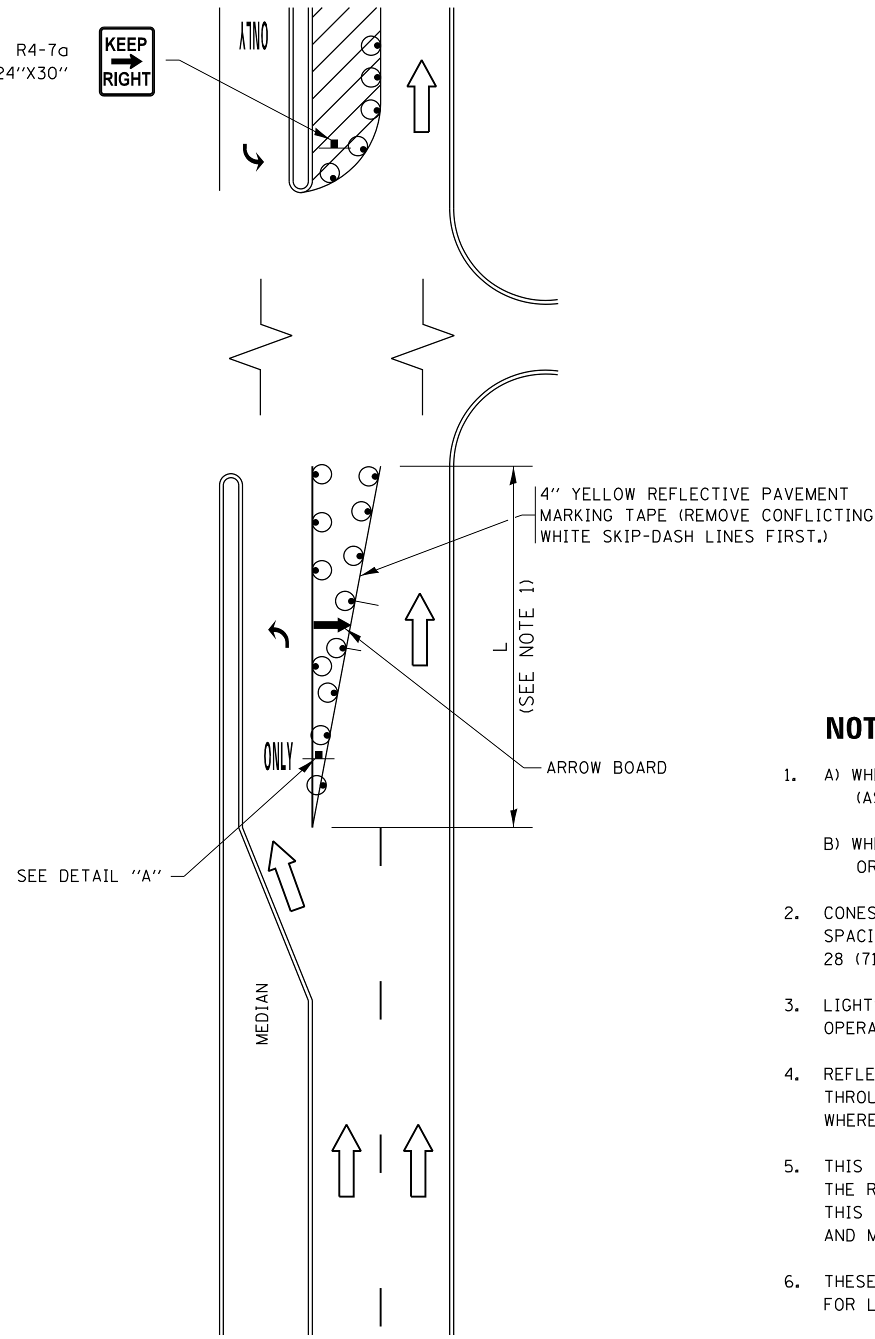


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

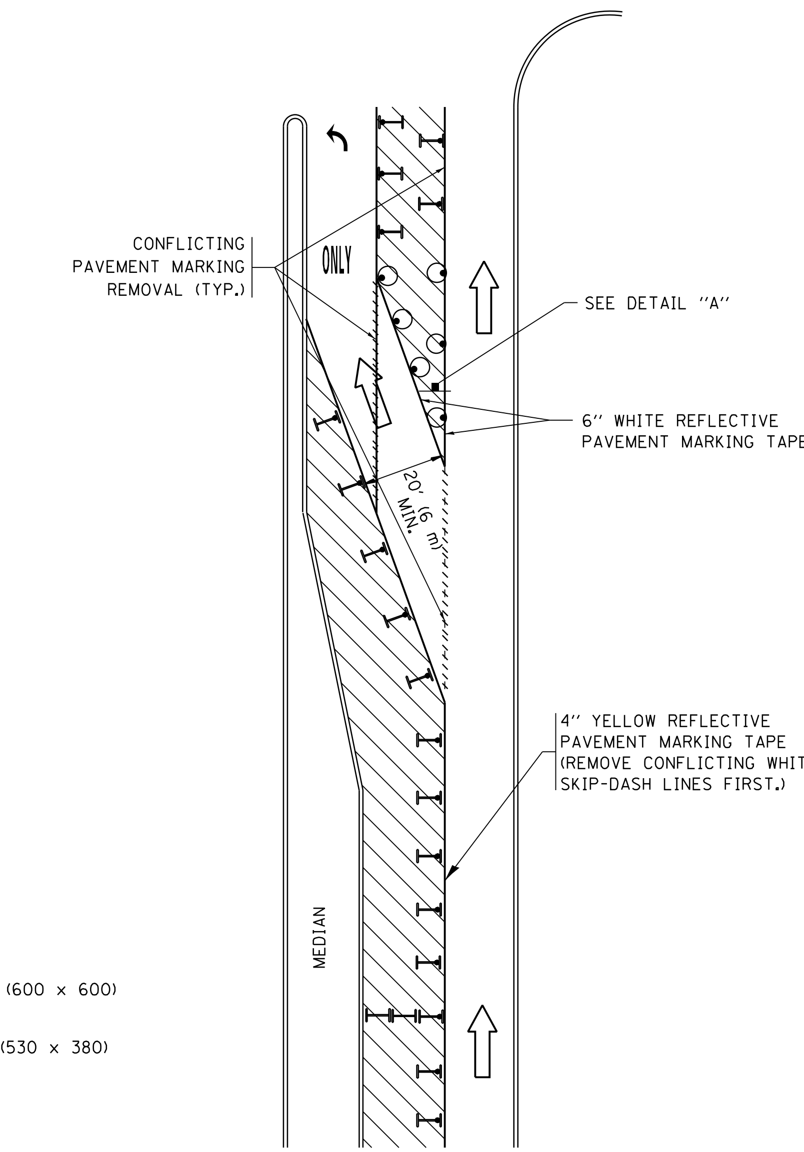


FIGURE 2

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 ≤ 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.

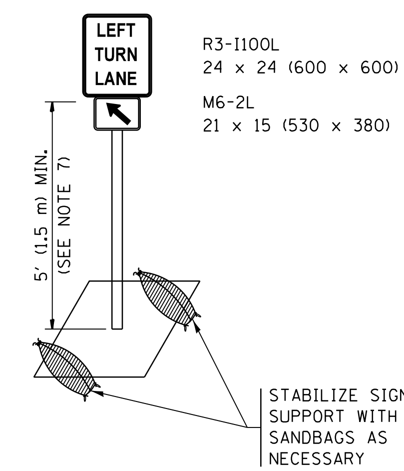
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.

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-I100R 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 PREQUIREMENTS.

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.

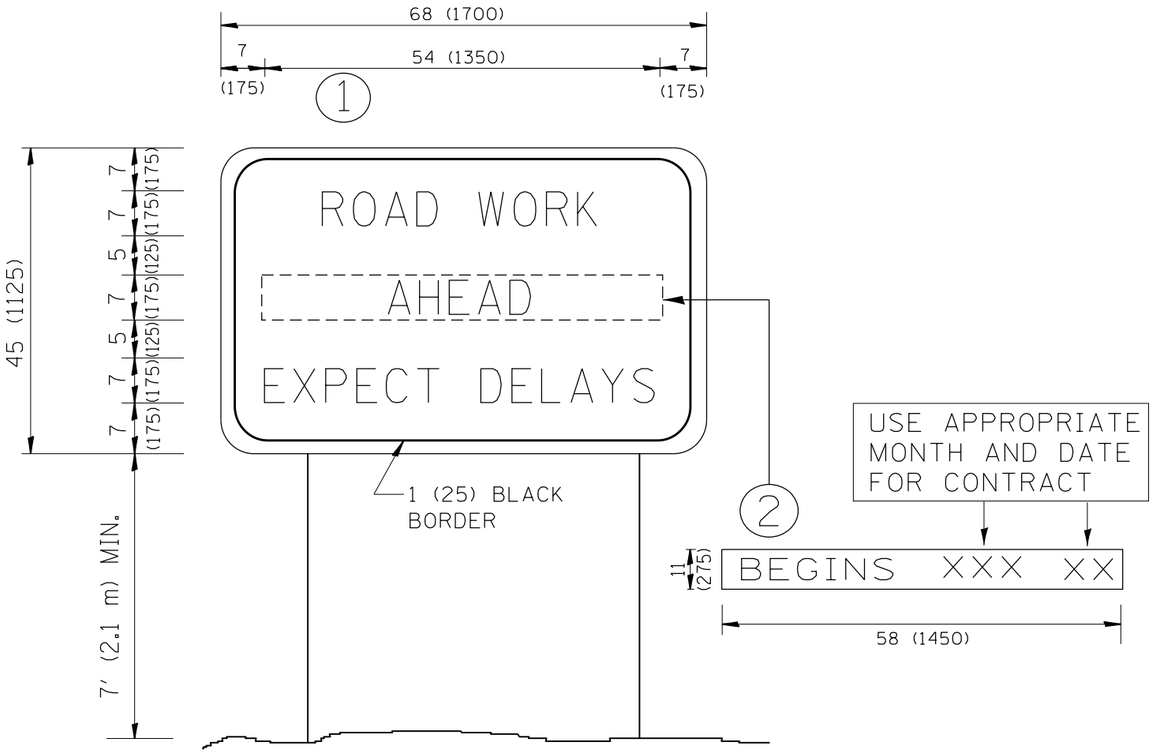
FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D1521	USER NAME = pyrzanowskirb	REVISED -T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09
		REVISED - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13
	PLOT SCALE = 100.0000 ' / in.	REVISED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16
Default	PLOT DATE = 2/3/2017	REVISED -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. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
021	6Y-RS-6	DUPAGE	30	27A
	TC-14	CONTRACT NO. 60V14		
	ILLINOIS FED. AID PROJECT			



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE ''ROAD CONSTRUCTION AHEAD'' SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN (1) WITH INSTALLED PANEL (2) ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL (2) SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR ''TEMPORARY INFORMATION SIGNING'' FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

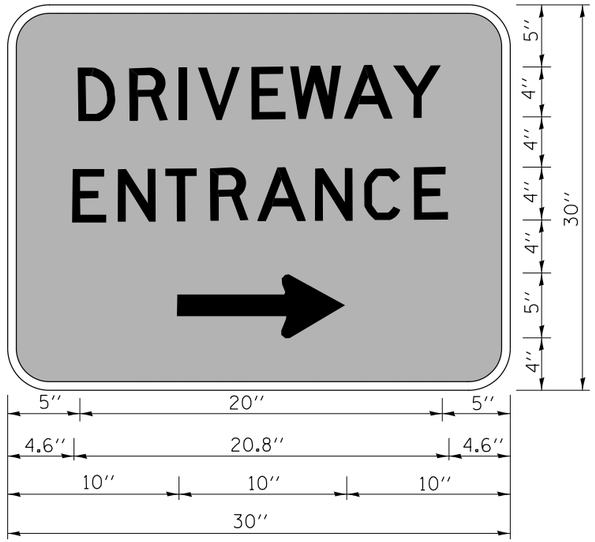
FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D152112\Data\Design\D152112-sht-plan.dgn	USER NAME = pyrzanowskirb	DESIGNED -	REVISED - R. MIRS 09-15-97
		DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 1/13/2017	DATE -	REVISED - C. JUCIUS 01-31-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD
INFORMATION SIGN

SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
021	6Y-RS-6	DUPAGE	30	28
	TC-22	CONTRACT NO. 60V14		
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''.

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D152112\Working Data\Design\D152112-sht-plan.dgn	USER NAME = pyrzanowskirb	DESIGNED -	REVISED - C. JUCIUS 02-15-07
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/13/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

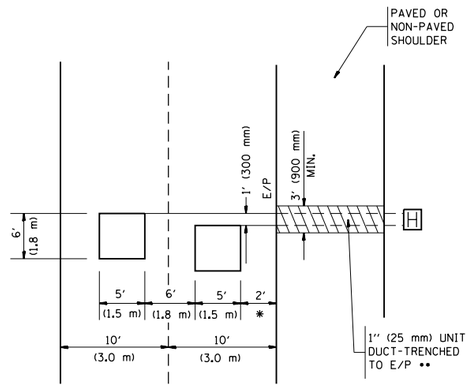
DRIVEWAY ENTRANCE SIGNING

SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
021	6Y-RS-6	DUPAGE	30	29
	TC-26	CONTRACT NO. 60V14		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

LOOPS NEXT TO SHOULDERS

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER.

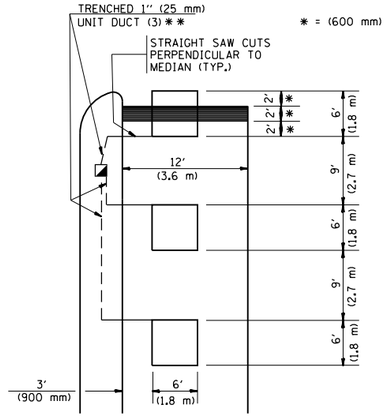


* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

LEFT TURN LANES WITH MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION) ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)

HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.

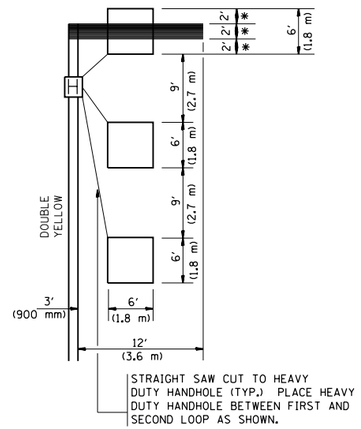


** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

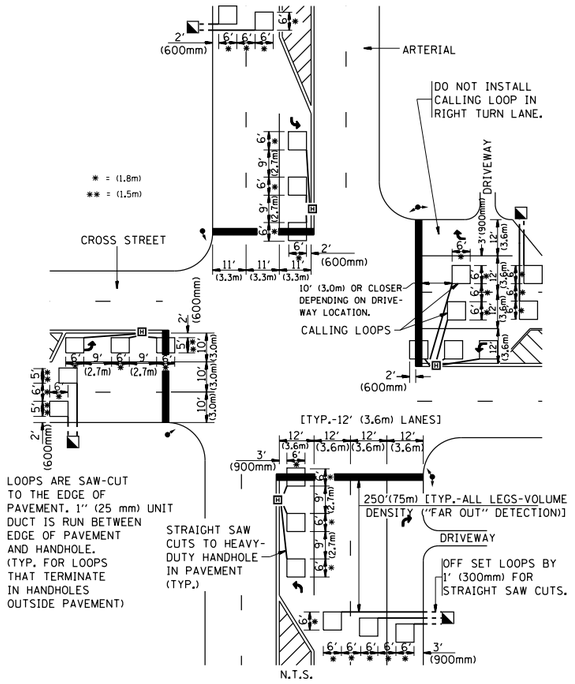
LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION) ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)

* = (600 mm)



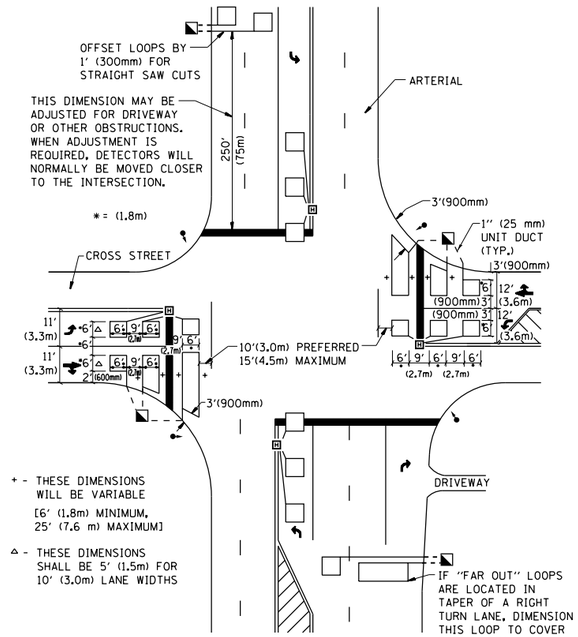
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

~~ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)~~
~~CROSS STREET-VOLUME DENSITY ("FAR OUT" DETECTION)~~



DETAIL 1
N.T.S.

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)



DETAIL 2
N.T.S.

NOTES:

VEHICLES LOOP DETECTORS

* ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
* EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
* EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATLY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
* ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
* EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
* WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
* WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

NOTE:

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D152112\Data\Design\D152112-sht-plan.dgn	USER NAME = pyrzanowskirb	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/13/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1 – DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING

SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
021	6Y-RS-6	DUPAGE	30	30
	TS-07	CONTRACT NO. 60V14		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		