

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	(119&105)RS-8	MCHENRY	45	1
		ILLINOIS	CONTRACT NO. 62D74	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

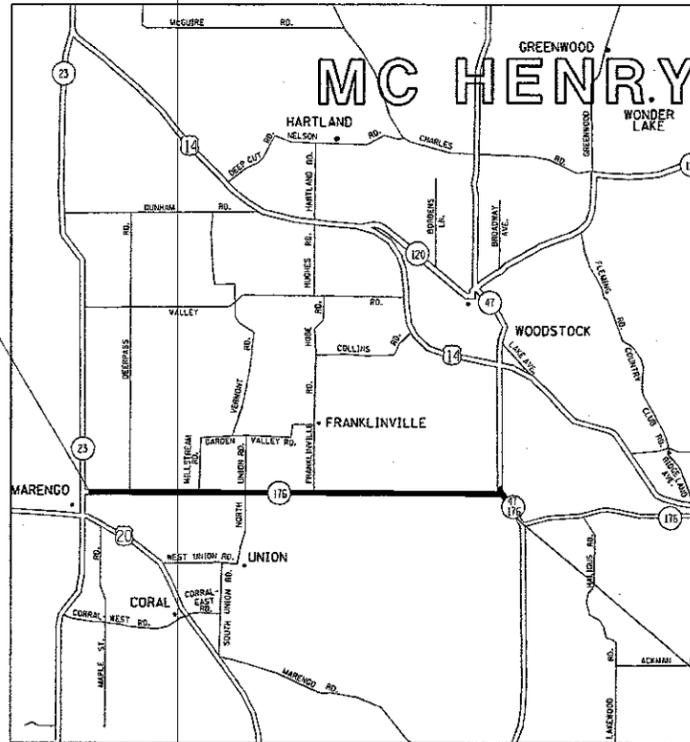
THE IMPROVEMENT IS LOCATED IN THE CITY OF MARENGO

**PROPOSED
HIGHWAY PLANS**

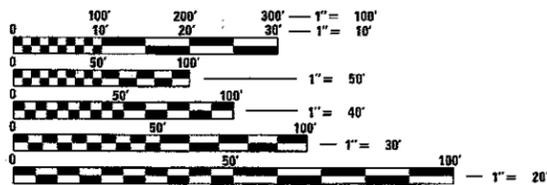
F.A.P. ROUTE 533 (IL ROUTE 176) TELEGRAPH RD.
IL. ROUTE 23 (STATE ST.) TO IL 47 (EASTWOOD DR.)
SECTION: (119&105)RS-8
PROJECT: NHPP-N52F (139)
RESURFACING (3P), PEDESTRIAN RAMPS (ADA), RUMBLE STRIPS
MCHENRY COUNTY
C-91-083-17



R 5, 6, 7 E



TRAFFIC DATA:
2017 ADT = 10150
SPEED LIMIT = 35 to 55 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

IMPROVEMENT BEGINS
STA 10+62

RESURFACING OMISSIONS
STA. 20+12 TO STA. 20+95
STA. 35+65 TO STA. 51+13
STA. 171+80 TO STA. 175+95
STA. 280+79 TO STA. 281+54

IMPROVEMENT ENDS
STA 486+09

PROJECT ENGINEER DAN WILGREEN (847) 705-4240
PROJECT MANAGER FAWAD AQUEEL (847) 705-4247

MARENGO TOWNSHIP
GROSS LENGTH = 47,547 FT. = 9.0 MILE
NET LENGTH = 45,426 FT. = 8.60 MILE

CONTRACT NO. 62D74

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
SUBMITTED January 24, 2018
Anthony J. Quinly REGIONAL ENGINEER
Mar 23, 2018
Anton ENGINEER OF DESIGN AND ENVIRONMENT
Mar 23, 2018
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO.

DESCRIPTION

STATE STANDARDS

GENERAL NOTES:

1	TITLE SHEET
2	INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES
3-5	SUMMARY OF QUANTITIES
6-9	TYPICAL SECTIONS
10-25	ROADWAY & PAVEMENT MARKING PLANS
26-30	ADA SIDEWALK DETAIL SHEETS
31-32	DETECTOR LOOP REPLACEMENT PLANS
33	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB > 15' (BD-01)
34	DETAILS FOR FRAMES AND LIDS WITH MILLING (BD-08)
35	PAVEMENT PATCHING FOR HOT-MIX ASPHALT SURFACED PAVEMENT (BD-22)
36	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)
37	BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS (BD-32)
38	HMA TAPER AT EDGE OF PCC PAVEMENT (BD-33)
39	RUMBLE STRIPS FOR CENTERLINE, NON-FREEWAY (BD-55)
40	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS (TC-10)
41	RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT) (TC-11)
42	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
43	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS (TC-16)
44	ARTERIAL ROAD INFORMATION SIGNING (TC-22)
45	DISTRICT 1 - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING (TS-07)

000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
424001-10	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-03	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-03	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-04	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-04	DEPRESSED CORNER FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
604001-04	FRAMES AND LIDS TYPE 1
604091-03	FRAME AND GRATE TYPE 24
701101-05	OFF ROAD OPERATIONS MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W WITH SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701336-06	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS ≥ 45 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVDED
701502-08	URBAN LANE CLOSURE, 2L, 2W, BI-DIRECTIONAL LEFT TURN LANE
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-07	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKING
814001-03	HANDHOLES

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 CITY OF MARENGO.

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

ALL HOT-MIX ASPHALT PAVEMENT PATCHING SHALL BE CLASS D. LOCATIONS TO BE DETERMINED IN FIELD BY RESIDENT ENGINEER.

BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.

WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1/2 INCHES (40MM) WHERE THE SPEED LIMIT IS 45 MPH (80 KM/H) OR LESS AND 1 INCH (25 M/M) WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH (80 KM/HR), WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75 MM) MAYBE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).

10 FEET (3 METER) TRANSITIONAL SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER TO EXISTING CURB AND GUTTERS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITION SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.

THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING PAVEMENT MARKINGS PRIOR TO MILLING OR RESURFACING.

THE RESIDENT ENGINEER SHALL CONTACT WALTER CZARNY, AREA TRAFFIC FIELD ENGINEER VIA EMAIL AT WALTER.CZARNY@ILLINOIS.GOV OR PHONE (847) 438-2300 A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED THROUGHOUT THE IMPROVEMENT ACCORDING TO THE DISTRICT STANDARDS AS NOTED IN THE DETAIL.

WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.

ALL SIDEWALK RAMPS WITHIN THE LIMITS OF THE PROJECT SHALL CONFORM TO CURRENT ADA REQUIREMENTS AND APPLICABLE STATE HIGHWAY STANDARDS OR AS DETERMINED BY ENGINEER.

SIDEWALK REMOVAL AND P.C.C. SIDEWALK 5" LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.

NIGHTTIME FLAGGERS OR WORKERS SHALL BE EQUIPPED WITH A FLUORESCENT ORANGE OR FLUORESCENT YELLOW/GREEN VEST MEETING THE REQUIREMENTS OF ANSI/ISEA 107-2004 FOR CONSPICUITY CLASS 3 GARMENTS.

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

THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

<p align="center">IL RTE. 176 (STATE ST TO IL 47)</p> <p align="center">INDEX OF SHEETS STATE STANDARDS AND GENERAL NOTES</p>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		533	(119&105)RS-B	MCHENRY	45	2
SCALE:		SHEET OF SHEETS		STA. TO STA.		CONTRACT NO. 62D74
ILLINOIS FED. AID PROJECT						

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	80% FED 20% STATE 0005 ROADWAY					CODE NO	ITEM	UNIT	TOTAL QUANTITIES	80% FED 20% STATE 0005 ROADWAY					
20200100	EARTH EXCAVATION	CU YD	12	12					42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	742	742					
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	82	82					42400800	DETECTABLE WARNINGS	SO FT	60	60					
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	2	2					44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SO YD	91	91					
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	2	2					44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SO YD	169998	169998					
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	2	2					44000600	SIDEWALK REMOVAL	SO FT	521	521					
25200110	SODDING, SALT TOLERANT	SO YD	82	82					44201789	CLASS D PATCHES, TYPE I, 12 INCH	SO YD	2471	2471					
25200200	SUPPLEMENTAL WATERING	UNIT	2	2					44201794	CLASS D PATCHES, TYPE III, 12 INCH	SO YD	500	500					
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	114811	114811					44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SO YD	500	500					
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	256	256					60255500	MANHOLES TO BE ADJUSTED	EACH	1	1					
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	7013	7013					60266600	VALVE BOXES TO BE ADJUSTED	EACH	2	2					
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	470	470					60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	5	5					
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	14288	14288					60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	2	2					
42001300	PROTECTIVE COAT	SO YD	120	120					* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	12	12					
									* 66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1	1					
										* SPECIALTY ITEMS								

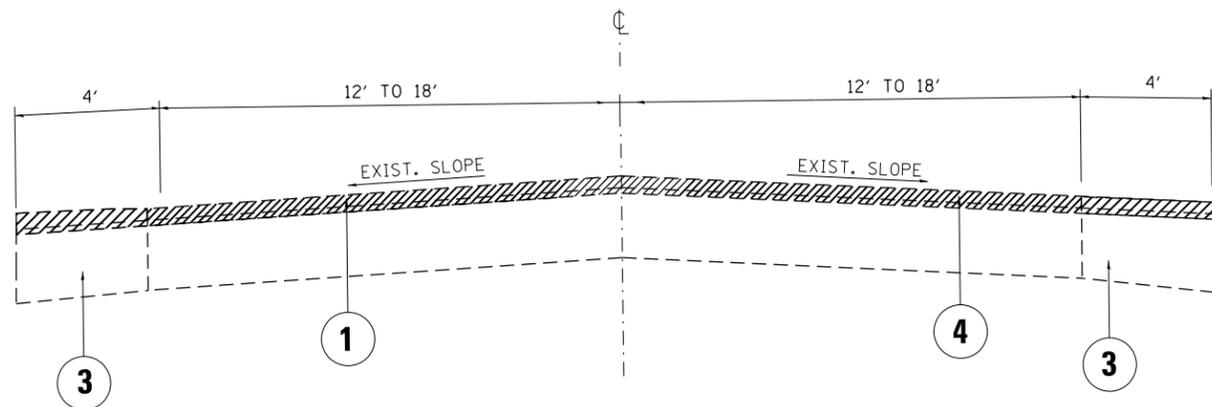
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* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1					
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6					
67100100	MOBILIZATION	LSUM	1	1					
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	LSUM	1	1					
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	LSUM	1	1					
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1	1					
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	LSUM	1	1					
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1	1					
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	1					
70300100	SHORT TERM PAVEMENT MARKING	FOOT	33040	33040					
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	11014	11014					
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	465	465					

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		80% FED 20% STATE 0005 ROADWAY					
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	125266	125266					
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	1004	1004					
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	415	415					
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	550	550					
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	74	74					
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	8260	8260					
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	465	465					
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	125266	125266					
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1004	1004					
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	415	415					
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	550	550					
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	74	74					
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	1212	1212					
	* SPECIALTY ITEMS								

12

13

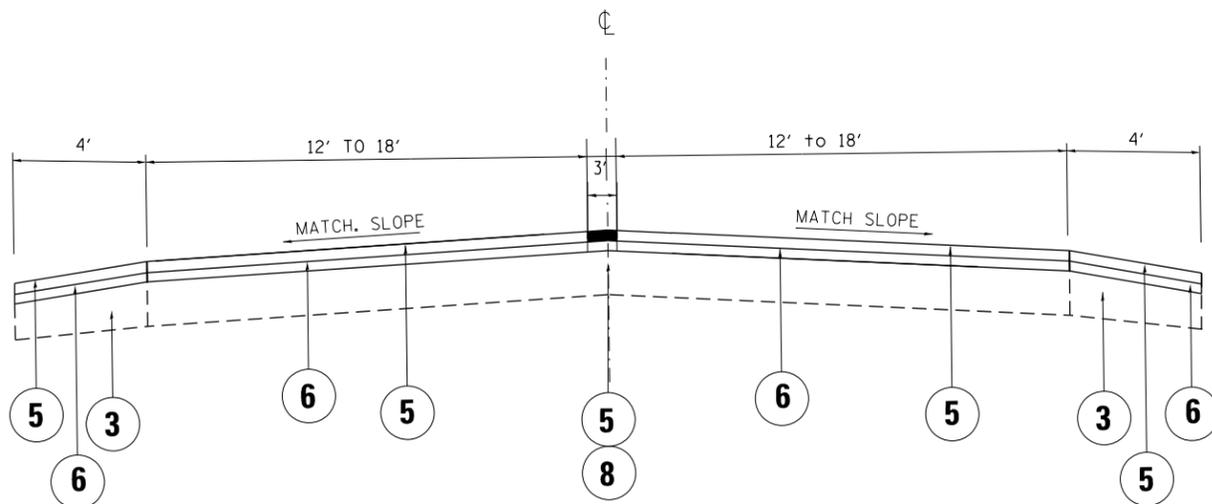
IL. 176 (TELEGRAPH ST)



EXIST. TYPICAL SECTION

STA. 13+20 TO STA. 61+00
PROJECT OMISSIONS (STA. 20+12 TO STA. 20+95)
(STA. 35+65 TO STA. 51+13)

IL. 176 (TELEGRAPH ST)



PROP. TYPICAL SECTION

STA. 13+20 TO STA. 61+00
PROJECT OMISSIONS (STA. 20+12 TO STA. 20+95)
(STA. 35+65 TO STA. 51+13)

LEGEND

- ① EXISTING HMA SURFACE, VARIES 14" (±)
- ② EXISTING PCC PAVEMENT, VARIES 9" (±)
- ③ EXISTING HMA SHOULDER
- ④ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- ⑤ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑥ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD) IL-4.75, N50 3/4"
- ⑦ EXISTING COMB. CURB AND GUTTER
- ⑧ PROPOSED CENTERLINE RUMBLE STRIP, 16"
- ⑨ P.C.C. SURFACE REMOVAL (VAR. DEPTH) BD-33

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL. RTE. 176 (STATE ST. TO IL. RTE. 47)
TYPICAL SECTIONS**

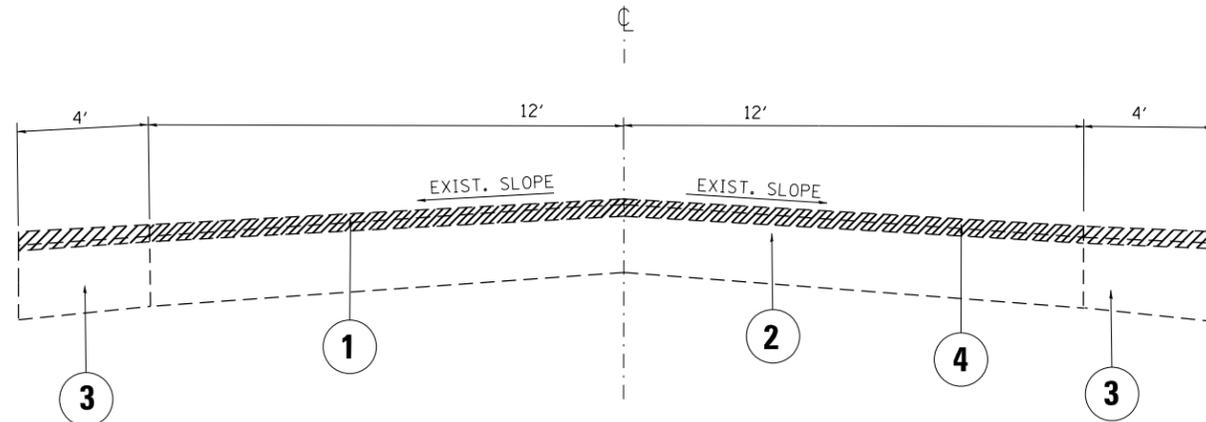
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	(1196.105)RS-8	MCHENRY	45	7
CONTRACT NO. 62D74			ILLINOIS FED. AID PROJECT	

LEGEND

- ① EXISTING HMA PAVEMENT, VARIES 6" (±)
- ② EXISTING PCC PAVEMENT, 8" (±)
- ③ EXISTING HMA SHOULDER
- ④ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- ⑤ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑥ PROPOSED POLYMERIZED LEVLEING BINDER (MACHINE METHOD) IL-4.75, N50 3/4"
- ⑦ EXISTING COMB. CURB AND GUTTER
- ⑧ PROPOSED CENTERLINE RUMBLE STRIP, 16"
- ⑨ P.C.C. SURFACE REMOVAL (VAR. DEPTH) BD-33

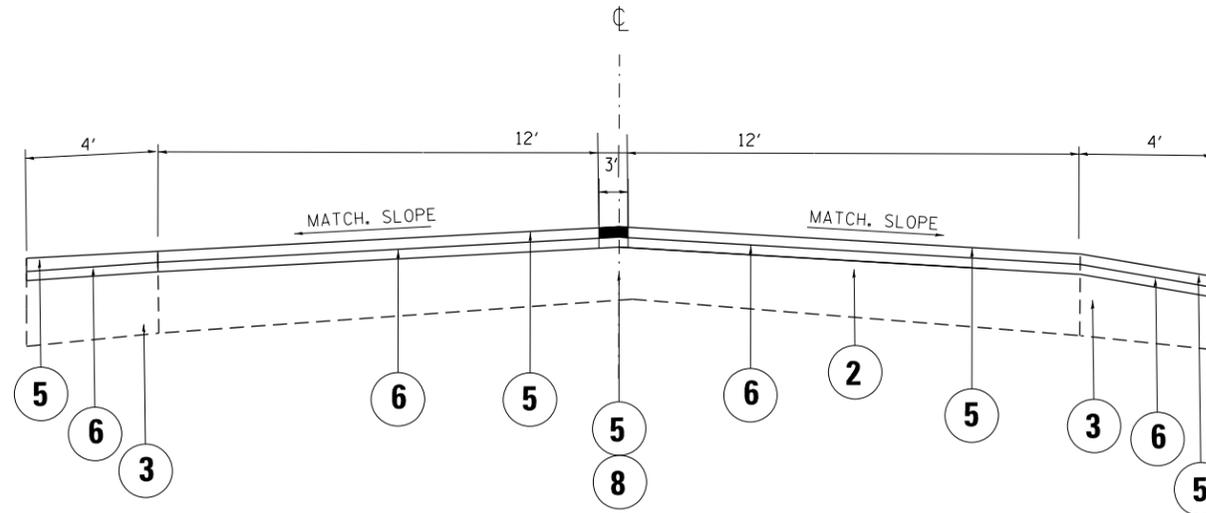
IL. 176 (TELEGRAPH ST)



EXIST. TYPICAL SECTION

STA. 61+00 TO STA. 478+28
 PROJECT OMISSIONS (STA. 171+80 TO STA. 175+95)
 (STA. 280+79 TO STA. 281+54)

IL. 176 (TELEGRAPH ST)



PROP. TYPICAL SECTION

STA. 61+00 TO STA. 478+28
 PROJECT OMISSIONS (STA. 171+80 TO STA. 175+95)
 (STA. 280+79 TO STA. 281+54)

NOTES:

- 1) CURB AND GUTTER EXISTS BETWEEN
 STA. 369+42 TO STA. 379+76
 STA. 384+31 TO STA. 391+33
 STA. 414+00 TO STA. 423+00

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL. RTE. 176 (STATE ST. TO IL. RTE. 47)
 TYPICAL SECTIONS**

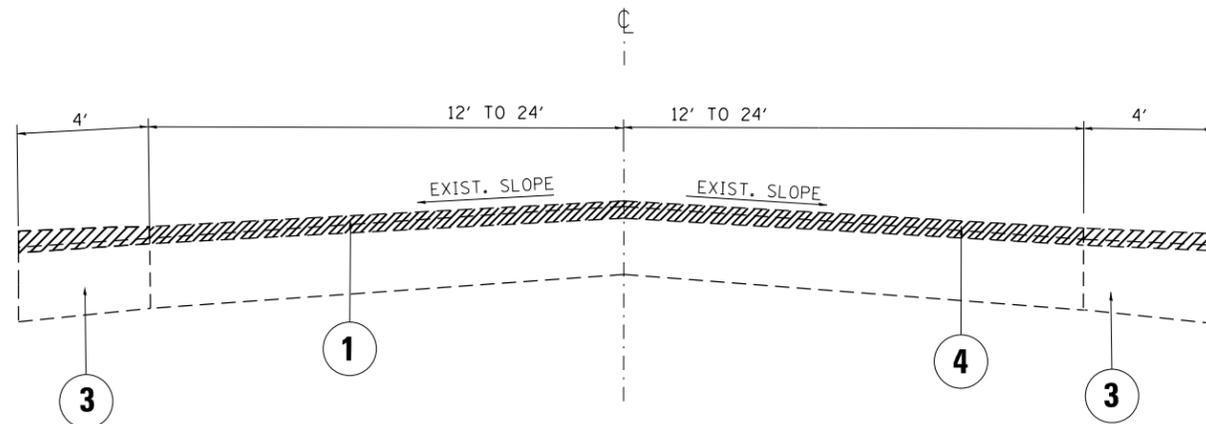
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533	(1196105)RS-8	MCHENRY	45	8
CONTRACT NO. 62D74			ILLINOIS FED. AID PROJECT	

LEGEND

- ① EXISTING HMA PAVEMENT, VARIES 17" (±)
- ② EXISTING PCC PAVEMENT, 9" (±)
- ③ EXISTING HMA SHOULDER
- ④ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- ⑤ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑥ PROPOSED POLYMERIZED LEVLEING BINDER (MACHINE METHOD) IL-4.75, N50 3/4"
- ⑦ EXISTING COMB. CURB AND GUTTER
- ⑧ PROPOSED CENTERLINE RUMBLE STRIP, 16"
- ⑨ P.C.C. SURFACE REMOVAL (VAR. DEPTH) BD-33

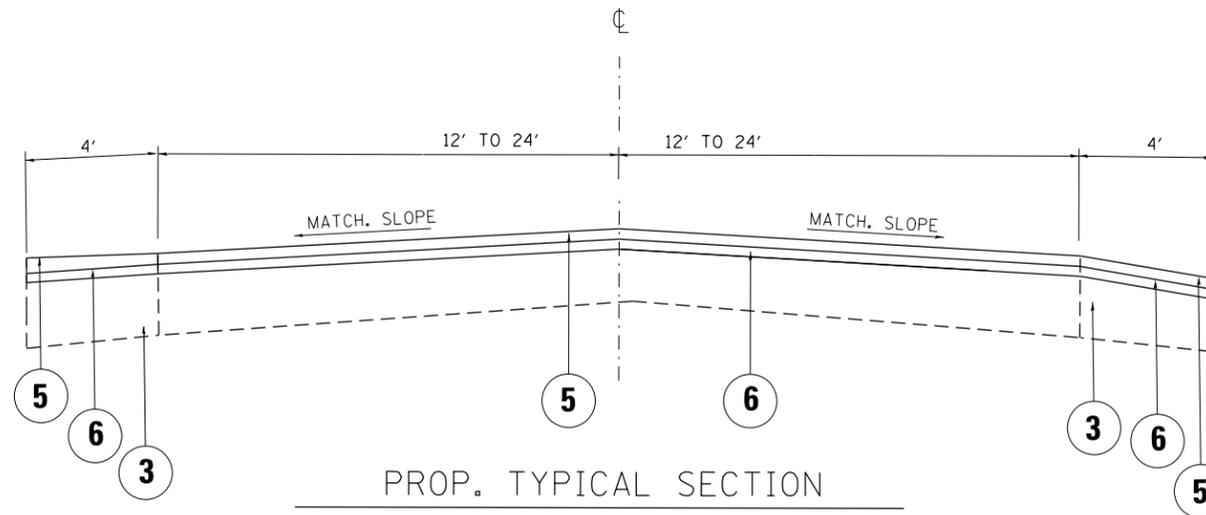
IL. 176 (TELEGRAPH ST)



EXIST. TYPICAL SECTION

STA. 478+28 TO STA. 485+00

IL. 176 (TELEGRAPH ST)



PROP. TYPICAL SECTION

STA. 478+28 TO STA. 485+00

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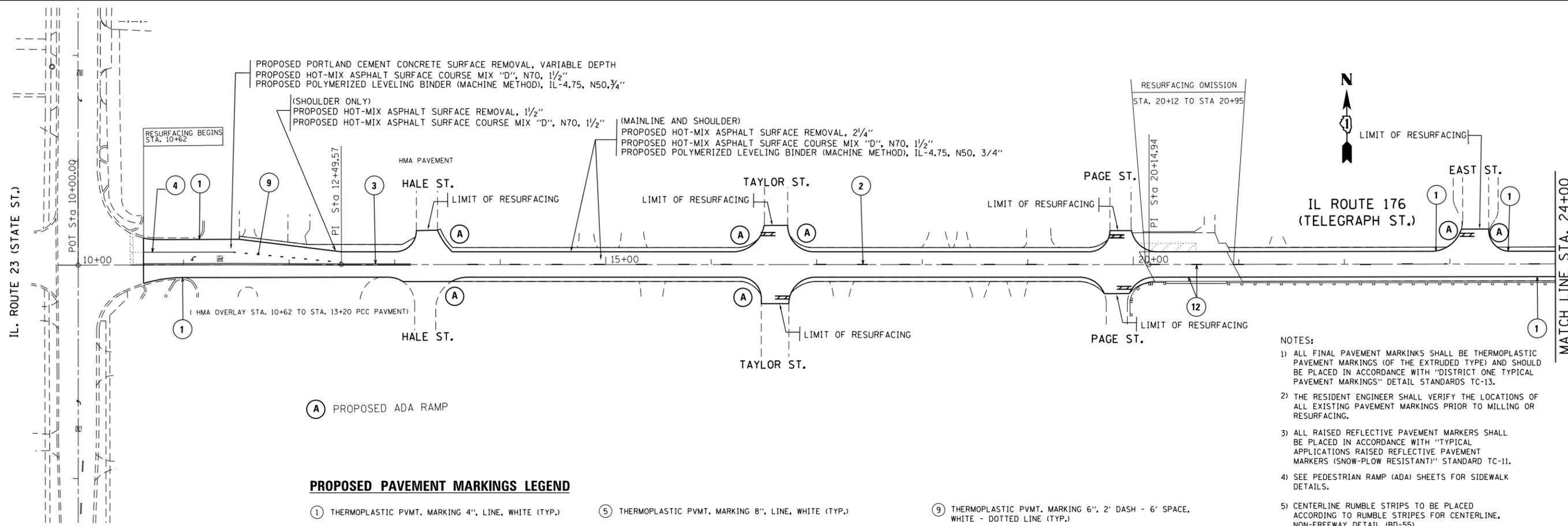
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL. RTE. 176 (STATE ST. TO IL. RTE. 47)
TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	(1196.105)RS-8	MCHENRY	45	9
			CONTRACT NO. 62D74	
		ILLINOIS	FED. AID PROJECT	

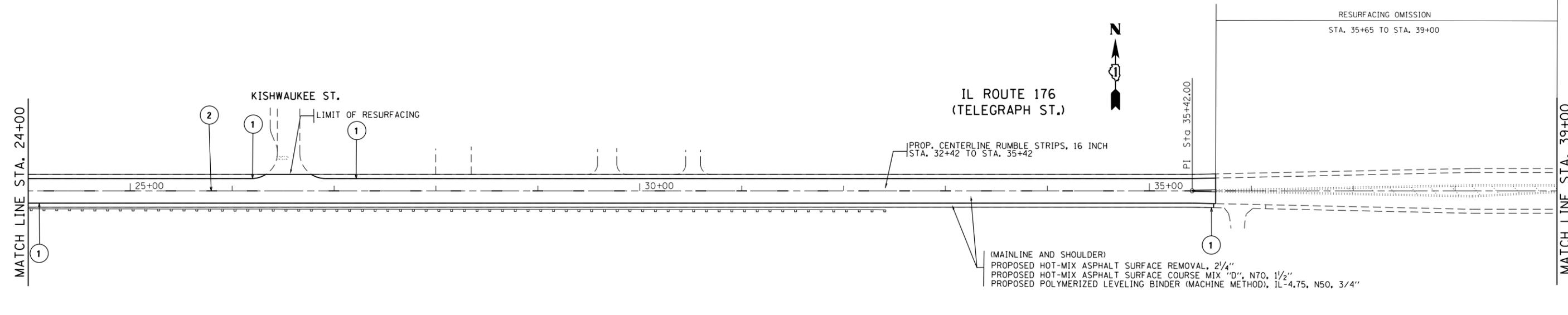


- NOTES:**
- 1) ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKINGS (OF THE EXTRUDED TYPE) AND SHOULD BE PLACED IN ACCORDANCE WITH "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL STANDARDS TC-13.
 - 2) THE RESIDENT ENGINEER SHALL VERIFY THE LOCATIONS OF ALL EXISTING PAVEMENT MARKINGS PRIOR TO MILLING OR RESURFACING.
 - 3) ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" STANDARD TC-11.
 - 4) SEE PEDESTRIAN RAMP (ADA) SHEETS FOR SIDEWALK DETAILS.
 - 5) CENTERLINE RUMBLE STRIPS TO BE PLACED ACCORDING TO RUMBLE STRIPES FOR CENTERLINE, NON-FREWAY DETAIL (BD-55).

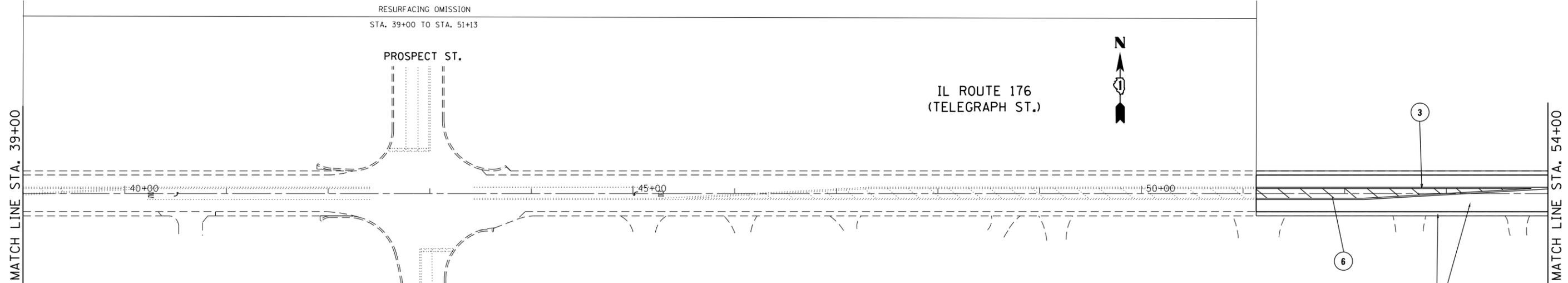
PROPOSED PAVEMENT MARKINGS LEGEND

- ① THERMOPLASTIC PVMT. MARKING 4", LINE, WHITE (TYP.)
- ② THERMOPLASTIC PVMT. MARKING 4", 10' DASH - 30' SPACE, YELLOW (TYP.)
- ③ THERMOPLASTIC PVMT. MARKING 4", DOUBLE YELLOW (TYP.)
- ④ THERMOPLASTIC PVMT. MARKING 6", LINE, WHITE (TYP.)
- ⑤ THERMOPLASTIC PVMT. MARKING 8", LINE, WHITE (TYP.)
- ⑥ THERMOPLASTIC PVMT. MARKING 12", DIAGONALS, WHITE (TYP.) - SEE DISTRICT DETAIL TC-13 FOR SPACING
- ⑦ THERMOPLASTIC PVMT. MARKING 12", CROSSWALK-SCHOOL, WHITE (TYP.) - SEE DISTRICT DETAIL TC-13 FOR SPACING
- ⑧ THERMOPLASTIC PVMT. MARKING 24", STOP BAR, WHITE (TYP.)
- ⑨ THERMOPLASTIC PVMT. MARKING 6", 2' DASH - 6' SPACE, WHITE - DOTTED LINE (TYP.)
- ⑩ THERMOPLASTIC PVMT. MARKING LETTERS AND SYMBOLS
- ⑪ THERMOPLASTIC PVMT. MARKING (DASHED/SOLID LINE) 4", 10' DASH - 30' SPACE, AND THERMOPLASTIC PVMT. MARKING 4", LINE, YELLOW (TYP.)
- ⑫ POLYUREA PVMT. MARKING TYPE II 4", LINE AND SKIP DASH (TYP.)

Ⓐ PROPOSED ADA RAMP



FILE NAME =	USER NAME = valledolidv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN IL. RTE. 176 (STATE ST. TO IL. RTE. 47)	F.A.P. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\IL084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\DI08317\Design\DI08317-sht-plan.dgn	PLT SCALE = 100.0000' / in.	CHECKED -	REVISED -			533	(119&105)RS-8	MCHENRY	45	10	
Default	PLT DATE = 1/26/2018	DATE -	REVISED -			CONTRACT NO. 62D74					
						ILLINOIS FED. AID PROJECT					

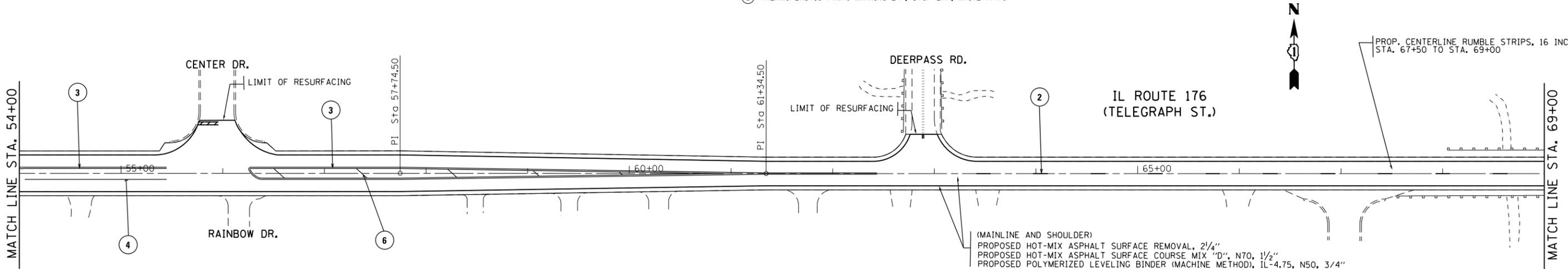


- NOTES:
- 1) ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKINGS (OF THE EXTRUDED TYPE) AND SHOULD BE PLACED IN ACCORDANCE WITH "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL STANDARDS TC-13.
 - 2) THE RESIDENT ENGINEER SHALL VERIFY THE LOCATIONS OF ALL EXISTING PAVEMENT MARKINGS PRIOR TO MILLING OR RESURFACING.
 - 3) ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" STANDARD TC-11.
 - 4) SEE PEDESTRIAN RAMP (ADA) SHEETS FOR SIDEWALK DETAILS.
 - 5) CENTERLINE RUMBLE STRIPS TO BE PLACED ACCORDING TO RUMBLE STRIPES FOR CENTERLINE, NON-FREEWAY DETAIL (BD-55).

PROPOSED PAVEMENT MARKINGS LEGEND

- | | | |
|---|---|---|
| ① THERMOPLASTIC PVMT. MARKING 4", LINE, WHITE (TYP.) | ⑤ THERMOPLASTIC PVMT. MARKING 8", LINE, WHITE (TYP.) | ⑨ THERMOPLASTIC PVMT. MARKING 6", 2' DASH - 6' SPACE, WHITE - DOTTED LINE (TYP.) |
| ② THERMOPLASTIC PVMT. MARKING 4", 10' DASH - 30' SPACE, YELLOW (TYP.) | ⑥ THERMOPLASTIC PVMT. MARKING 12", DIAGONALS, WHITE (TYP.) - SEE DISTRICT DETAIL TC-13 FOR SPACING | ⑩ THERMOPLASTIC PVMT. MARKING LETTERS AND SYMBOLS |
| ③ THERMOPLASTIC PVMT. MARKING 4", DOUBLE YELLOW (TYP.) | ⑦ THERMOPLASTIC PVMT. MARKING 12", CROSSWALK-SCHOOL, WHITE (TYP.) - SEE DISTRICT DETAIL TC-13 FOR SPACING | ⑪ THERMOPLASTIC PVMT. MARKING (DASHED/SOLID LINE) 4", 10' DASH - 30' SPACE, AND THERMOPLASTIC PVMT. MARKING 4", LINE, YELLOW (TYP.) |
| ④ THERMOPLASTIC PVMT. MARKING 6", LINE, WHITE (TYP.) | ⑧ THERMOPLASTIC PVMT. MARKING 24", STOP BAR, WHITE (TYP.) | ⑫ POLYUREA PVMT. MARKING TYPE II 4", LINE AND SKIP DASH (TYP.) |

(MAINLINE AND SHOULDER)
 PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
 PROPOSED HOT-MIX ASPHALT SURFACE COURSE MIX "D", N70, 1 1/2"
 PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"

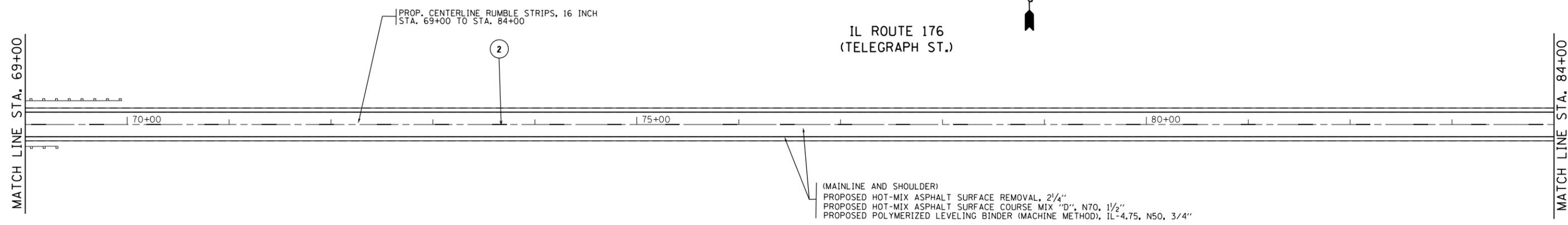


(MAINLINE AND SHOULDER)
 PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
 PROPOSED HOT-MIX ASPHALT SURFACE COURSE MIX "D", N70, 1 1/2"
 PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"

FILE NAME =	USER NAME = valledolidv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN IL. RTE. 176 (STATE ST. TO IL. RTE. 47)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\DI08317\Meta\Design\DI08317-sht-plan.dgn	PLotted SCALE = 100.0000' / in.	CHECKED -	REVISED -					533	(119&105)RS-8	MCHENRY	45	11
Default	PLOT DATE = 1/26/2018	DATE -	REVISED -		CONTRACT NO. 62D74			ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	

MATCH LINE STA. 69+00

MATCH LINE STA. 84+00



IL ROUTE 176
(TELEGRAPH ST.)

(MAINLINE AND SHOULDER)
PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
PROPOSED HOT-MIX ASPHALT SURFACE COURSE MIX "D", N70, 1 1/2"
PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"

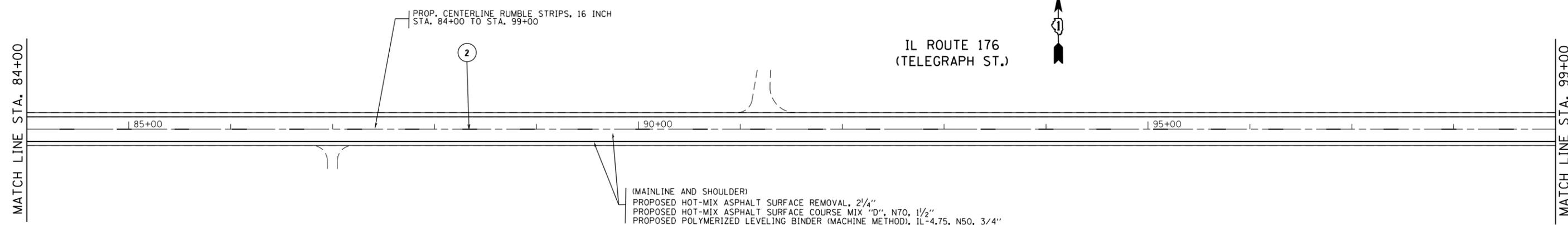
PROPOSED PAVEMENT MARKINGS LEGEND

- ① THERMOPLASTIC PVMT. MARKING 4", LINE, WHITE (TYP.)
- ② THERMOPLASTIC PVMT. MARKING 4", 10' DASH - 30' SPACE, YELLOW (TYP.)
- ③ THERMOPLASTIC PVMT. MARKING 4", DOUBLE YELLOW (TYP.)
- ④ THERMOPLASTIC PVMT. MARKING 6", LINE, WHITE (TYP.)
- ⑤ THERMOPLASTIC PVMT. MARKING 8", LINE, WHITE (TYP.)
- ⑥ THERMOPLASTIC PVMT. MARKING 12", DIAGONALS, WHITE (TYP.) - SEE DISTRICT DETAIL TC-13 FOR SPACING
- ⑦ THERMOPLASTIC PVMT. MARKING 12", CROSSWALK-SCHOOL, WHITE (TYP.) - SEE DISTRICT DETAIL TC-13 FOR SPACING
- ⑧ THERMOPLASTIC PVMT. MARKING 24", STOP BAR, WHITE (TYP.)
- ⑨ THERMOPLASTIC PVMT. MARKING 6", 2' DASH - 6' SPACE, WHITE - DOTTED LINE (TYP.)
- ⑩ THERMOPLASTIC PVMT. MARKING LETTERS AND SYMBOLS
- ⑪ THERMOPLASTIC PVMT. MARKING (DASHED/SOLID LINE) 4", 10' DASH - 30' SPACE, AND THERMOPLASTIC PVMT. MARKING 4", LINE, YELLOW (TYP.)
- ⑫ POLYUREA PVMT. MARKING TYPE II 4", LINE AND SKIP DASH (TYP.)

- NOTES:
- ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKINGS (OF THE EXTRUDED TYPE) AND SHOULD BE PLACED IN ACCORDANCE WITH "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL STANDARDS TC-13.
 - THE RESIDENT ENGINEER SHALL VERIFY THE LOCATIONS OF ALL EXISTING PAVEMENT MARKINGS PRIOR TO MILLING OR RESURFACING.
 - ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" STANDARD TC-11.
 - SEE PEDESTRIAN RAMP (ADA) SHEETS FOR SIDEWALK DETAILS.
 - CENTERLINE RUMBLE STRIPS TO BE PLACED ACCORDING TO RUMBLE STRIPES FOR CENTERLINE, NON-FREEWAY DETAIL (BD-55).

MATCH LINE STA. 84+00

MATCH LINE STA. 99+00



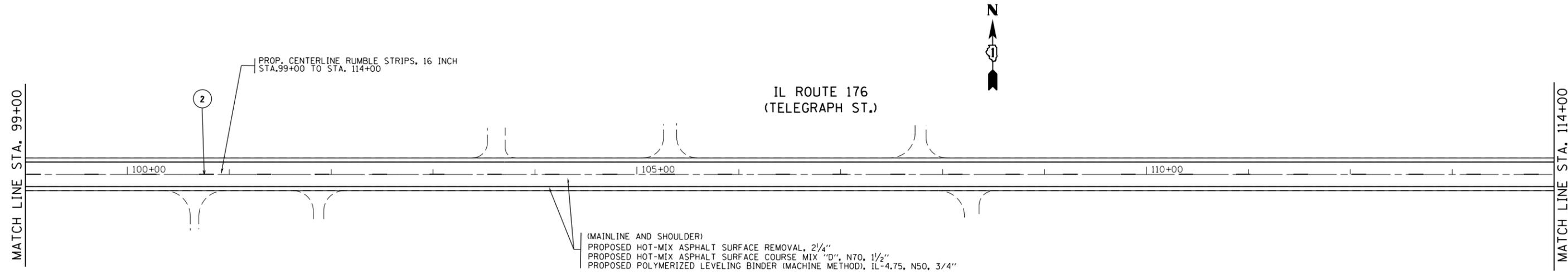
IL ROUTE 176
(TELEGRAPH ST.)

(MAINLINE AND SHOULDER)
PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
PROPOSED HOT-MIX ASPHALT SURFACE COURSE MIX "D", N70, 1 1/2"
PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"

FILE NAME =	USER NAME = valledolidv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN IL. RTE. 176 (STATE ST. TO IL. RTE. 47)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBID\INTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI08317\Design\DI08317-sht-plan.dgn		CHECKED -	REVISED -		533	(119&105)RS-8	MCHENRY	45	12				
Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -		CONTRACT NO. 62D74				ILLINOIS FED. AID PROJECT				
	PLOT DATE = 1/26/2018				SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.		

MATCH LINE STA. 99+00

MATCH LINE STA. 114+00



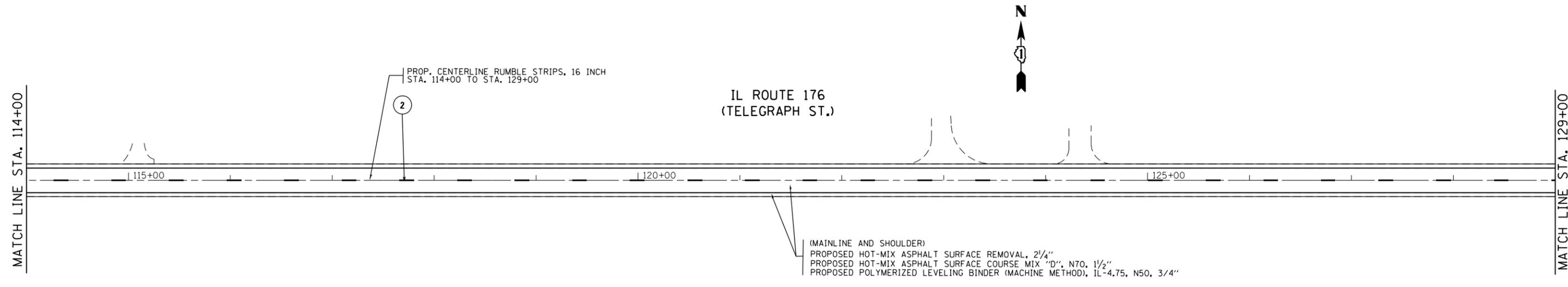
PROPOSED PAVEMENT MARKINGS LEGEND

- ① THERMOPLASTIC PVMT. MARKING 4", LINE, WHITE (TYP.)
- ② THERMOPLASTIC PVMT. MARKING 4", 10' DASH - 30' SPACE, YELLOW (TYP.)
- ③ THERMOPLASTIC PVMT. MARKING 4", DOUBLE YELLOW (TYP.)
- ④ THERMOPLASTIC PVMT. MARKING 6", LINE, WHITE (TYP.)
- ⑤ THERMOPLASTIC PVMT. MARKING 8", LINE, WHITE (TYP.)
- ⑥ THERMOPLASTIC PVMT. MARKING 12", DIAGONALS, WHITE (TYP.) - SEE DISTRICT DETAIL TC-13 FOR SPACING
- ⑦ THERMOPLASTIC PVMT. MARKING 12", CROSSWALK-SCHOOL, WHITE (TYP.) - SEE DISTRICT DETAIL TC-13 FOR SPACING
- ⑧ THERMOPLASTIC PVMT. MARKING 24", STOP BAR, WHITE (TYP.)
- ⑨ THERMOPLASTIC PVMT. MARKING 6", 2' DASH - 6' SPACE, WHITE - DOTTED LINE (TYP.)
- ⑩ THERMOPLASTIC PVMT. MARKING LETTERS AND SYMBOLS
- ⑪ THERMOPLASTIC PVMT. MARKING (DASHED/SOLID LINE) 4", 10' DASH - 30' SPACE, AND THERMOPLASTIC PVMT. MARKING 4", LINE, YELLOW (TYP.)
- ⑫ POLYUREA PVMT. MARKING TYPE II 4", LINE AND SKIP DASH (TYP.)

- NOTES:
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 - 3) ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLow RESISTANT)" STANDARD TC-11.
 - 4) SEE PEDESTRIAN RAMP (ADA) SHEETS FOR SIDEWALK DETAILS.
 - 5) CENTERLINE RUMBLE STRIPS TO BE PLACED ACCORDING TO RUMBLE STRIPES FOR CENTERLINE, NON-FREEWAY DETAIL (BD-55).

MATCH LINE STA. 114+00

MATCH LINE STA. 129+00



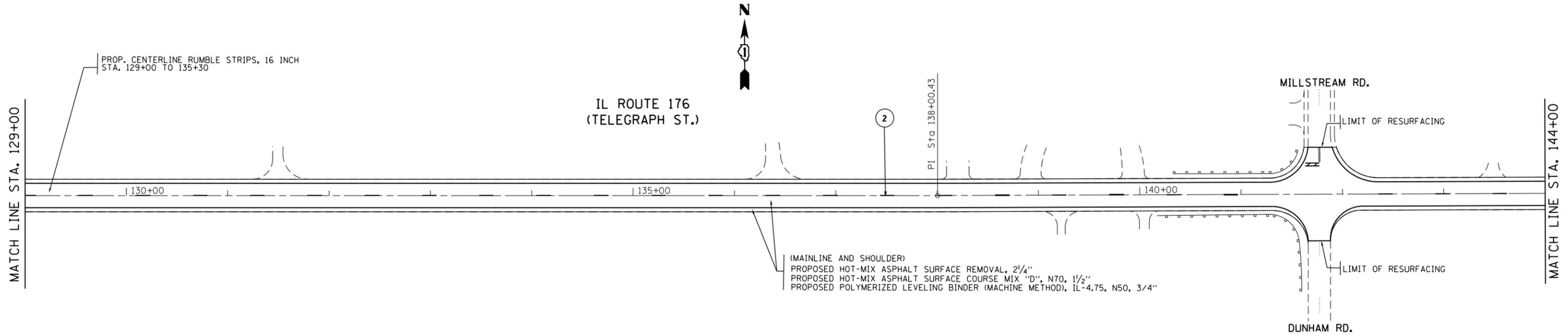
FILE NAME =	USER NAME = valledolidv	DESIGNED -	REVISED -
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/26/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
IL. RTE. 176 (STATE ST. TO IL. RTE. 47)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	(119&105)RS-8	MCHENRY	45	13
CONTRACT NO. 62D74			ILLINOIS FED. AID PROJECT	

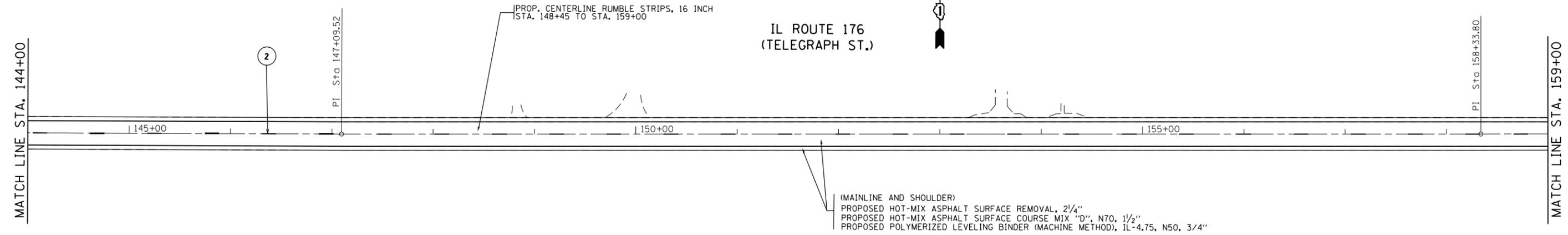


(MAINLINE AND SHOULDER)
 PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
 PROPOSED HOT-MIX ASPHALT SURFACE COURSE MIX "D", N70, 1 1/2"
 PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"

PROPOSED PAVEMENT MARKINGS LEGEND

- ① THERMOPLASTIC PVMT. MARKING 4", LINE, WHITE (TYP.)
- ② THERMOPLASTIC PVMT. MARKING 4", 10' DASH - 30' SPACE, YELLOW (TYP.)
- ③ THERMOPLASTIC PVMT. MARKING 4", DOUBLE YELLOW (TYP.)
- ④ THERMOPLASTIC PVMT. MARKING 6", LINE, WHITE (TYP.)
- ⑤ THERMOPLASTIC PVMT. MARKING 8", LINE, WHITE (TYP.)
- ⑥ THERMOPLASTIC PVMT. MARKING 12", DIAGONALS, WHITE (TYP.) - SEE DISTRICT DETAIL TC-13 FOR SPACING
- ⑦ THERMOPLASTIC PVMT. MARKING 12", CROSSWALK-SCHOOL, WHITE (TYP.) - SEE DISTRICT DETAIL TC-13 FOR SPACING
- ⑧ THERMOPLASTIC PVMT. MARKING 24", STOP BAR, WHITE (TYP.)
- ⑨ THERMOPLASTIC PVMT. MARKING 6", 2' DASH - 6' SPACE, WHITE - DOTTED LINE (TYP.)
- ⑩ THERMOPLASTIC PVMT. MARKING LETTERS AND SYMBOLS
- ⑪ THERMOPLASTIC PVMT. MARKING (DASHED/SOLID LINE) 4", 10' DASH - 30' SPACE, AND THERMOPLASTIC PVMT. MARKING 4", LINE, YELLOW (TYP.)
- ⑫ POLYUREA PVMT. MARKING TYPE II 4", LINE AND SKIP DASH (TYP.)

- NOTES:**
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 - 5) CENTERLINE RUMBLE STRIPS TO BE PLACED ACCORDING TO RUMBLE STRIPES FOR CENTERLINE, NON-FREEWAY DETAIL (BD-55).



(MAINLINE AND SHOULDER)
 PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
 PROPOSED HOT-MIX ASPHALT SURFACE COURSE MIX "D", N70, 1 1/2"
 PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"

FILE NAME =	USER NAME = valledolidv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN IL. RTE. 176 (STATE ST. TO IL. RTE. 47)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\IL084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\DI08317\Design\DI08317-sht-plan.dgn	PLT SCALE = 100.0000' / in.	CHECKED -	REVISED -			533	(119&105)RS-8	MCHENRY	45	14	
Default	PLOT DATE = 1/26/2018	DATE -	REVISED -			CONTRACT NO. 62D74		ILLINOIS FED. AID PROJECT			
						SCALE:	SHEET OF SHEETS	STA. TO STA.			

MATCH LINE STA. 159+00

MATCH LINE STA. 174+00

PROP. CENTERLINE RUMBLE STRIPS, 16 INCH
STA. 159+00 TO STA. 171+80

IL ROUTE 176
(TELEGRAPH ST.)



RESURFACING OMISSION
STA. 171+80 TO STA. 174+00

160+00

165+00

170+00

12

(MAINLINE AND SHOULDER)
PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
PROPOSED HOT-MIX ASPHALT SURFACE COURSE MIX "D", N70, 1 1/2"
PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"

PROPOSED PAVEMENT MARKINGS LEGEND

- ① THERMOPLASTIC PVMT. MARKING 4", LINE, WHITE (TYP.)
- ② THERMOPLASTIC PVMT. MARKING 4", 10' DASH - 30' SPACE, YELLOW (TYP.)
- ③ THERMOPLASTIC PVMT. MARKING 4", DOUBLE YELLOW (TYP.)
- ④ THERMOPLASTIC PVMT. MARKING 6", LINE, WHITE (TYP.)
- ⑤ THERMOPLASTIC PVMT. MARKING 8", LINE, WHITE (TYP.)
- ⑥ THERMOPLASTIC PVMT. MARKING 12", DIAGONALS, WHITE (TYP.)
- SEE DISTRICT DETAIL TC-13 FOR SPACING
- ⑦ THERMOPLASTIC PVMT. MARKING 12", CROSSWALK-SCHOOL, WHITE (TYP.)
- SEE DISTRICT DETAIL TC-13 FOR SPACING
- ⑧ THERMOPLASTIC PVMT. MARKING 24", STOP BAR, WHITE (TYP.)
- ⑨ THERMOPLASTIC PVMT. MARKING 6", 2' DASH - 6' SPACE, WHITE - DOTTED LINE (TYP.)
- ⑩ THERMOPLASTIC PVMT. MARKING LETTERS AND SYMBOLS
- ⑪ THERMOPLASTIC PVMT. MARKING (DASHED/SOLID LINE) 4", 10' DASH - 30' SPACE, AND THERMOPLASTIC PVMT. MARKING 4", LINE, YELLOW (TYP.)
- ⑫ POLYUREA PVMT. MARKING TYPE II 4", LINE AND SKIP DASH (TYP.)

MATCH LINE STA. 174+00

MATCH LINE STA. 189+00

RESURFACING OMISSION
STA. 174+00 TO STA. 175+95

PROP. CENTERLINE RUMBLE STRIPS, 16 INCH
STA. 175+95 TO STA. 188+05

IL ROUTE 176
(TELEGRAPH ST.)



175+00

180+00

185+00

12

(MAINLINE AND SHOULDER)
PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
PROPOSED HOT-MIX ASPHALT SURFACE COURSE MIX "D", N70, 1 1/2"
PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"

NOTES:

- 1) ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKINGS (OF THE EXTRUDED TYPE) AND SHOULD BE PLACED IN ACCORDANCE WITH "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL STANDARDS TC-13.
- 2) THE RESIDENT ENGINEER SHALL VERIFY THE LOCATIONS OF ALL EXISTING PAVEMENT MARKINGS PRIOR TO MILLING OR RESURFACING.
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- 4) SEE PEDESTRIAN RAMP (ADA) SHEETS FOR SIDEWALK DETAILS.
- 5) CENTERLINE RUMBLE STRIPS TO BE PLACED ACCORDING TO RUMBLE STRIPES FOR CENTERLINE, NON-FREEWAY DETAIL (BD-55).

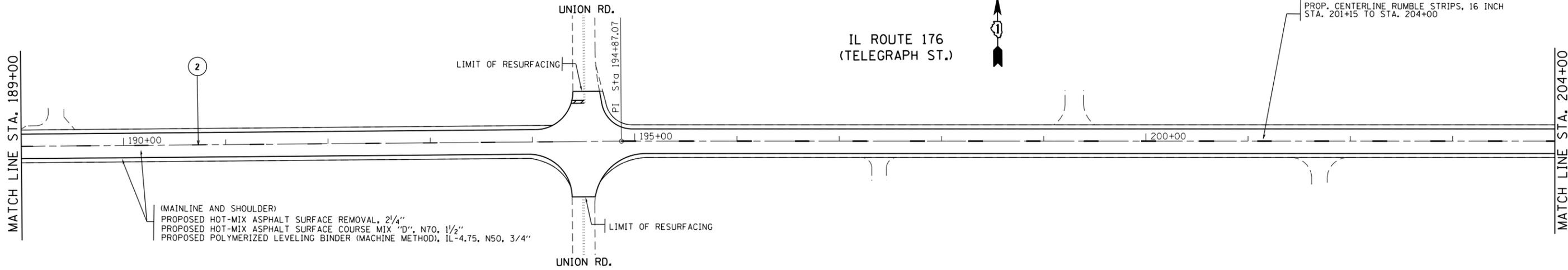
FILE NAME =	USER NAME = valledolidv	DESIGNED -	REVISED -
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/26/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
IL. RTE. 176 (STATE ST. TO IL. RTE. 47)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	(119&105)RS-8	MCHENRY	45	15
CONTRACT NO. 62D74			ILLINOIS FED. AID PROJECT	



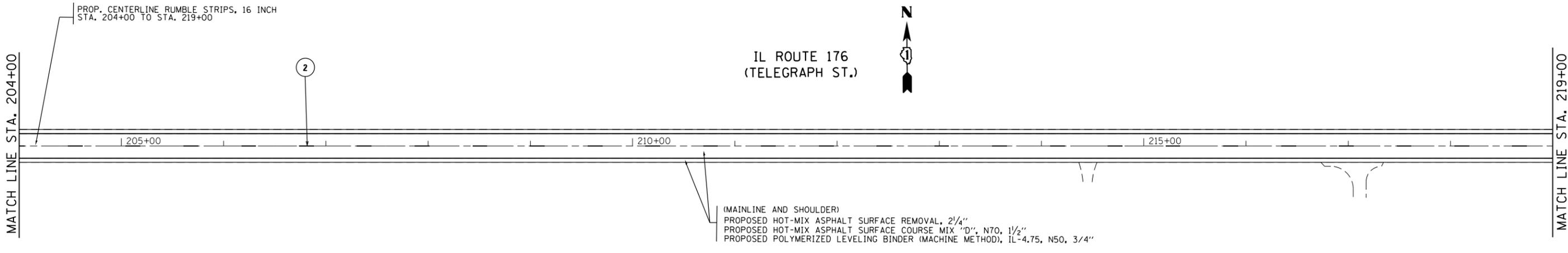
(MAINLINE AND SHOULDER)
 PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
 PROPOSED HOT-MIX ASPHALT SURFACE COURSE MIX "D", N70, 1 1/2"
 PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"

PROP. CENTERLINE RUMBLE STRIPS, 16 INCH
 STA. 201+15 TO STA. 204+00

PROPOSED PAVEMENT MARKINGS LEGEND

- ① THERMOPLASTIC PVMT. MARKING 4", LINE, WHITE (TYP.)
- ② THERMOPLASTIC PVMT. MARKING 4", 10' DASH - 30' SPACE, YELLOW (TYP.)
- ③ THERMOPLASTIC PVMT. MARKING 4", DOUBLE YELLOW (TYP.)
- ④ THERMOPLASTIC PVMT. MARKING 6", LINE, WHITE (TYP.)
- ⑤ THERMOPLASTIC PVMT. MARKING 8", LINE, WHITE (TYP.)
- ⑥ THERMOPLASTIC PVMT. MARKING 12", DIAGONALS, WHITE (TYP.) - SEE DISTRICT DETAIL TC-13 FOR SPACING
- ⑦ THERMOPLASTIC PVMT. MARKING 12", CROSSWALK-SCHOOL, WHITE (TYP.) - SEE DISTRICT DETAIL TC-13 FOR SPACING
- ⑧ THERMOPLASTIC PVMT. MARKING 24", STOP BAR, WHITE (TYP.)
- ⑨ THERMOPLASTIC PVMT. MARKING 6", 2' DASH - 6' SPACE, WHITE - DOTTED LINE (TYP.)
- ⑩ THERMOPLASTIC PVMT. MARKING LETTERS AND SYMBOLS
- ⑪ THERMOPLASTIC PVMT. MARKING (DASHED/SOLID LINE) 4", 10' DASH - 30' SPACE, AND THERMOPLASTIC PVMT. MARKING 4", LINE, YELLOW (TYP.)
- ⑫ POLYUREA PVMT. MARKING TYPE II 4", LINE AND SKIP DASH (TYP.)

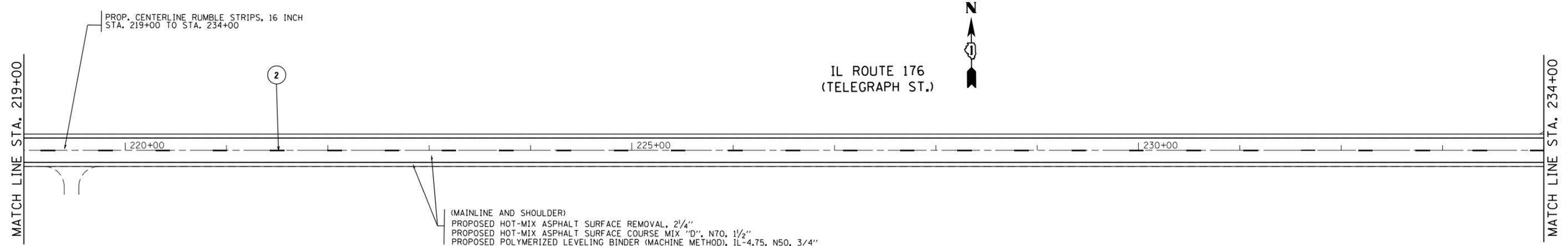
- NOTES:
- 1) ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKINGS (OF THE EXTRUDED TYPE) AND SHOULD BE PLACED IN ACCORDANCE WITH "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL STANDARDS TC-13.
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 - 4) SEE PEDESTRIAN RAMP (ADA) SHEETS FOR SIDEWALK DETAILS.
 - 5) CENTERLINE RUMBLE STRIPS TO BE PLACED ACCORDING TO RUMBLE STRIPES FOR CENTERLINE, NON-FREEWAY DETAIL (BD-55).



PROP. CENTERLINE RUMBLE STRIPS, 16 INCH
 STA. 204+00 TO STA. 219+00

(MAINLINE AND SHOULDER)
 PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
 PROPOSED HOT-MIX ASPHALT SURFACE COURSE MIX "D", N70, 1 1/2"
 PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"

FILE NAME =	USER NAME = valledolidv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN IL. RTE. 176 (STATE ST. TO IL. RTE. 47)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG.illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\DI08317\Design\DI08317-sht-plan.dgn	PLT DATE = 1/26/2018	CHECKED -	REVISED -			533	(119&105)RS-8	MCHENRY	45	16	
Default		DATE -	REVISED -			CONTRACT NO. 62D74		ILLINOIS FED. AID PROJECT			
						SCALE:	SHEET OF SHEETS	STA. TO STA.			

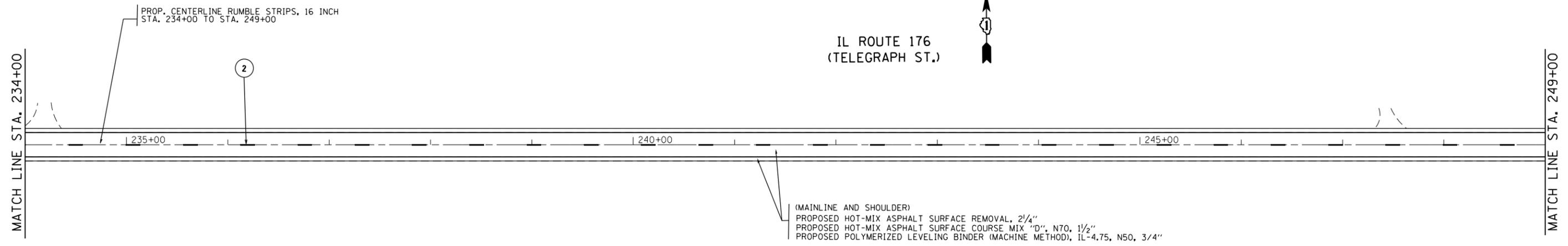


(MAINLINE AND SHOULDER)
 PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
 PROPOSED HOT-MIX ASPHALT SURFACE COURSE MIX "D", N70, 1 1/2"
 PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"

PROPOSED PAVEMENT MARKINGS LEGEND

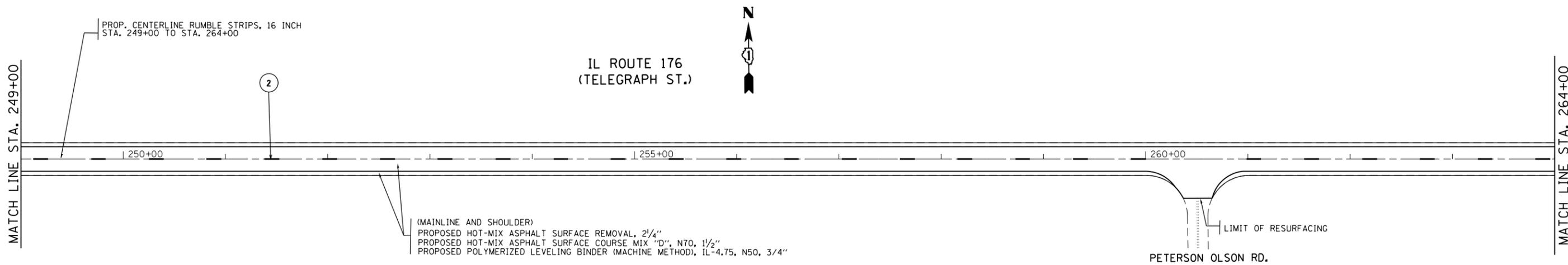
- ① THERMOPLASTIC PVMT. MARKING 4", LINE, WHITE (TYP.)
- ② THERMOPLASTIC PVMT. MARKING 4", 10' DASH - 30' SPACE, YELLOW (TYP.)
- ③ THERMOPLASTIC PVMT. MARKING 4", DOUBLE YELLOW (TYP.)
- ④ THERMOPLASTIC PVMT. MARKING 6", LINE, WHITE (TYP.)
- ⑤ THERMOPLASTIC PVMT. MARKING 8", LINE, WHITE (TYP.)
- ⑥ THERMOPLASTIC PVMT. MARKING 12", DIAGONALS, WHITE (TYP.)
- SEE DISTRICT DETAIL TC-13 FOR SPACING
- ⑦ THERMOPLASTIC PVMT. MARKING 12", CROSSWALK-SCHOOL, WHITE (TYP.)
- SEE DISTRICT DETAIL TC-13 FOR SPACING
- ⑧ THERMOPLASTIC PVMT. MARKING 24", STOP BAR, WHITE (TYP.)
- ⑨ THERMOPLASTIC PVMT. MARKING 6", 2' DASH - 6' SPACE, WHITE - DOTTED LINE (TYP.)
- ⑩ THERMOPLASTIC PVMT. MARKING LETTERS AND SYMBOLS
- ⑪ THERMOPLASTIC PVMT. MARKING (DASHED/SOLID LINE) 4", 10' DASH - 30' SPACE, AND THERMOPLASTIC PVMT. MARKING 4", LINE, YELLOW (TYP.)
- ⑫ POLYUREA PVMT. MARKING TYPE II 4", LINE AND SKIP DASH (TYP.)

- NOTES:
- 1) ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKINGS (OF THE EXTRUDED TYPE) AND SHOULD BE PLACED IN ACCORDANCE WITH "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL STANDARDS TC-13.
 - 2) THE RESIDENT ENGINEER SHALL VERIFY THE LOCATIONS OF ALL EXISTING PAVEMENT MARKINGS PRIOR TO MILLING OR RESURFACING.
 - 3) ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" STANDARD TC-11.
 - 4) SEE PEDESTRIAN RAMP (ADA) SHEETS FOR SIDEWALK DETAILS.
 - 5) CENTERLINE RUMBLE STRIPS TO BE PLACED ACCORDING TO RUMBLE STRIPES FOR CENTERLINE, NON-FREEWAY DETAIL (BD-55).



(MAINLINE AND SHOULDER)
 PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
 PROPOSED HOT-MIX ASPHALT SURFACE COURSE MIX "D", N70, 1 1/2"
 PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"

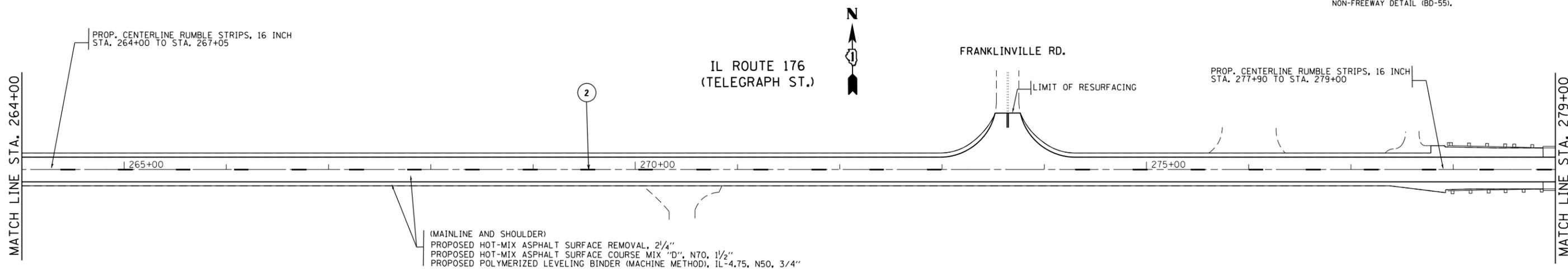
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						533	(119&105)RS-8	MCHENRY	45	17	
						CONTRACT NO. 62D74					
						ILLINOIS FED. AID PROJECT					
				SCALE:	SHEET OF SHEETS	STA.	TO STA.				



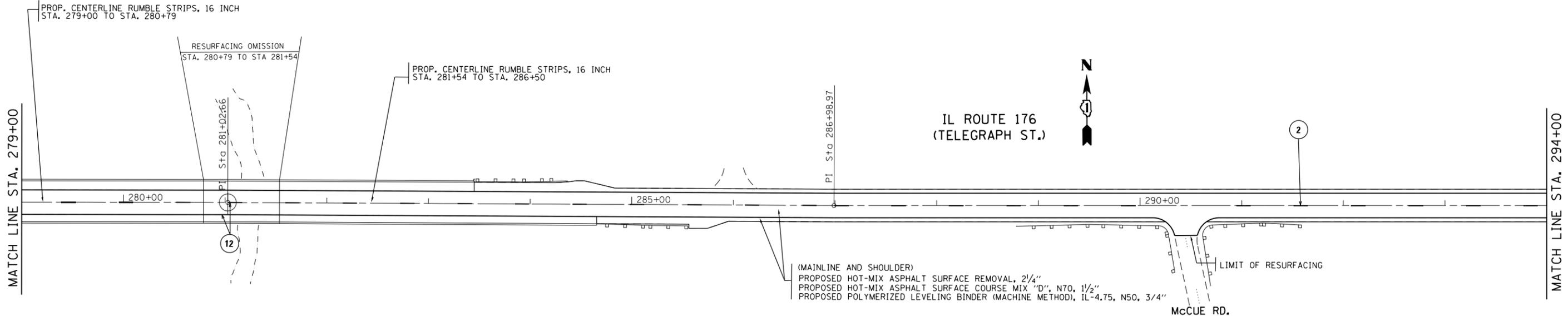
PROPOSED PAVEMENT MARKINGS LEGEND

- ① THERMOPLASTIC PVMT. MARKING 4", LINE, WHITE (TYP.)
- ② THERMOPLASTIC PVMT. MARKING 4", 10' DASH - 30' SPACE, YELLOW (TYP.)
- ③ THERMOPLASTIC PVMT. MARKING 4", DOUBLE YELLOW (TYP.)
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- ⑤ THERMOPLASTIC PVMT. MARKING 8", LINE, WHITE (TYP.)
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- ⑦ THERMOPLASTIC PVMT. MARKING 12", CROSSWALK-SCHOOL, WHITE (TYP.) - SEE DISTRICT DETAIL TC-13 FOR SPACING
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- ⑨ THERMOPLASTIC PVMT. MARKING 6", 2' DASH - 6' SPACE, WHITE - DOTTED LINE (TYP.)
- ⑩ THERMOPLASTIC PVMT. MARKING LETTERS AND SYMBOLS
- ⑪ THERMOPLASTIC PVMT. MARKING (DASHED/SOLID LINE) 4", 10' DASH - 30' SPACE, AND THERMOPLASTIC PVMT, MARKING 4", LINE, YELLOW (TYP.)
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- NOTES:**
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 - 5) CENTERLINE RUMBLE STRIPS TO BE PLACED ACCORDING TO RUMBLE STRIPES FOR CENTERLINE, NON-FREEWAY DETAIL (BD-55).



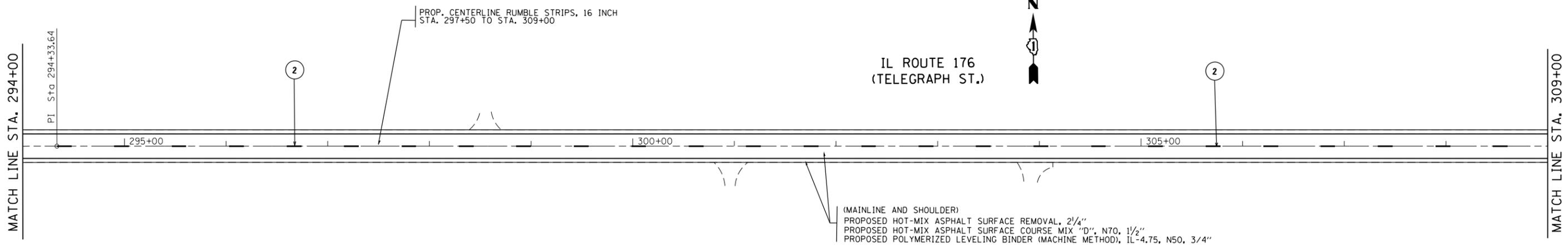
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PLOT SCALE = 100.0000' / in.						CHECKED -	REVISED -	CONTRACT NO. 62D74				
Default						DATE -	REVISED -	ILLINOIS FED. AID PROJECT				
						SCALE:	SHEET	OF	SHEETS	STA. TO STA.		



PROPOSED PAVEMENT MARKINGS LEGEND

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- ③ THERMOPLASTIC PVMT. MARKING 4", DOUBLE YELLOW (TYP.)
- ④ THERMOPLASTIC PVMT. MARKING 6", LINE, WHITE (TYP.)
- ⑤ THERMOPLASTIC PVMT. MARKING 8", LINE, WHITE (TYP.)
- ⑥ THERMOPLASTIC PVMT. MARKING 12", DIAGONALS, WHITE (TYP.) - SEE DISTRICT DETAIL TC-13 FOR SPACING
- ⑦ THERMOPLASTIC PVMT. MARKING 12", CROSSWALK-SCHOOL, WHITE (TYP.) - SEE DISTRICT DETAIL TC-13 FOR SPACING
- ⑧ THERMOPLASTIC PVMT. MARKING 24", STOP BAR, WHITE (TYP.)
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- ⑪ THERMOPLASTIC PVMT. MARKING (DASHED/SOLID LINE) 4", 10' DASH - 30' SPACE, AND THERMOPLASTIC PVMT. MARKING 4", LINE, YELLOW (TYP.)
- ⑫ POLYUREA PVMT. MARKING TYPE II 4", LINE AND SKIP DASH (TYP.)

- NOTES:**
- 1) ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKINGS (OF THE EXTRUDED TYPE) AND SHOULD BE PLACED IN ACCORDANCE WITH "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL STANDARDS TC-13.
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 - 4) SEE PEDESTRIAN RAMP (ADA) SHEETS FOR SIDEWALK DETAILS.
 - 5) CENTERLINE RUMBLE STRIPS TO BE PLACED ACCORDING TO RUMBLE STRIPES FOR CENTERLINE, NON-FREEWAY DETAIL (BD-55).



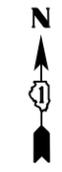
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/26/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN			
IL. RTE. 176 (STATE ST. TO IL. RTE. 47)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	(119&105)RS-8	MCHENRY	45	19
CONTRACT NO. 62D74			ILLINOIS FED. AID PROJECT	

IL ROUTE 176
(TELEGRAPH ST.)



MATCH LINE STA. 309+00

MATCH LINE STA. 324+00

PROP. CENTERLINE RUMBLE STRIPS, 16 INCH
STA. 309+00 TO STA. 320+30

(MAINLINE AND SHOULDER)
PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
PROPOSED HOT-MIX ASPHALT SURFACE COURSE MIX "D", N70, 1 1/2"
PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"

PROPOSED PAVEMENT MARKINGS LEGEND

- | | | |
|---|---|---|
| ① THERMOPLASTIC PVMT. MARKING 4", LINE, WHITE (TYP.) | ⑤ THERMOPLASTIC PVMT. MARKING 8", LINE, WHITE (TYP.) | ⑨ THERMOPLASTIC PVMT. MARKING 6", 2' DASH - 6' SPACE, WHITE - DOTTED LINE (TYP.) |
| ② THERMOPLASTIC PVMT. MARKING 4", 10' DASH - 30' SPACE, YELLOW (TYP.) | ⑥ THERMOPLASTIC PVMT. MARKING 12", DIAGONALS, WHITE (TYP.) - SEE DISTRICT DETAIL TC-13 FOR SPACING | ⑩ THERMOPLASTIC PVMT. MARKING LETTERS AND SYMBOLS |
| ③ THERMOPLASTIC PVMT. MARKING 4", DOUBLE YELLOW (TYP.) | ⑦ THERMOPLASTIC PVMT. MARKING 12", CROSSWALK-SCHOOL, WHITE (TYP.) - SEE DISTRICT DETAIL TC-13 FOR SPACING | ⑪ THERMOPLASTIC PVMT. MARKING (DASHED/SOLID LINE) 4", 10' DASH - 30' SPACE, AND THERMOPLASTIC PVMT. MARKING 4", LINE, YELLOW (TYP.) |
| ④ THERMOPLASTIC PVMT. MARKING 6", LINE, WHITE (TYP.) | ⑧ THERMOPLASTIC PVMT. MARKING 24", STOP BAR, WHITE (TYP.) | ⑫ POLYUREA PVMT. MARKING TYPE II 4", LINE AND SKIP DASH (TYP.) |

- NOTES:
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 - 5) CENTERLINE RUMBLE STRIPS TO BE PLACED ACCORDING TO RUMBLE STRIPS FOR CENTERLINE, NON-FREEWAY DETAIL (BD-55).

MATCH LINE STA. 324+00

MATCH LINE STA. 339+00

IL ROUTE 176
(TELEGRAPH ST.)



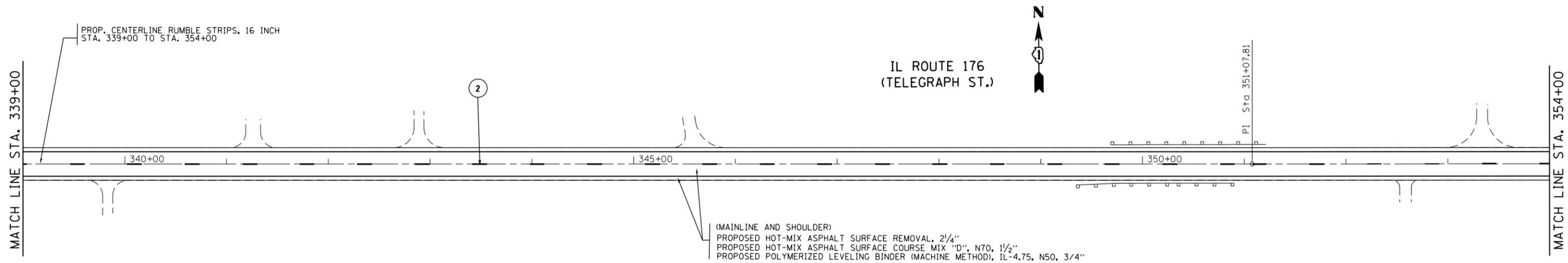
PROP. CENTERLINE RUMBLE STRIPS, 16 INCH
STA. 330+50 TO STA. 339+00

(MAINLINE AND SHOULDER)
PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
PROPOSED HOT-MIX ASPHALT SURFACE COURSE MIX "D", N70, 1 1/2"
PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"

GEE RD.

FILE NAME =	USER NAME = valledolidv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN IL. RTE. 176 (STATE ST. TO IL. RTE. 47)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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Default	PLOT DATE = 1/26/2018	DATE -	REVISED -			CONTRACT NO. 62D74					
						SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

ILLINOIS FED. AID PROJECT

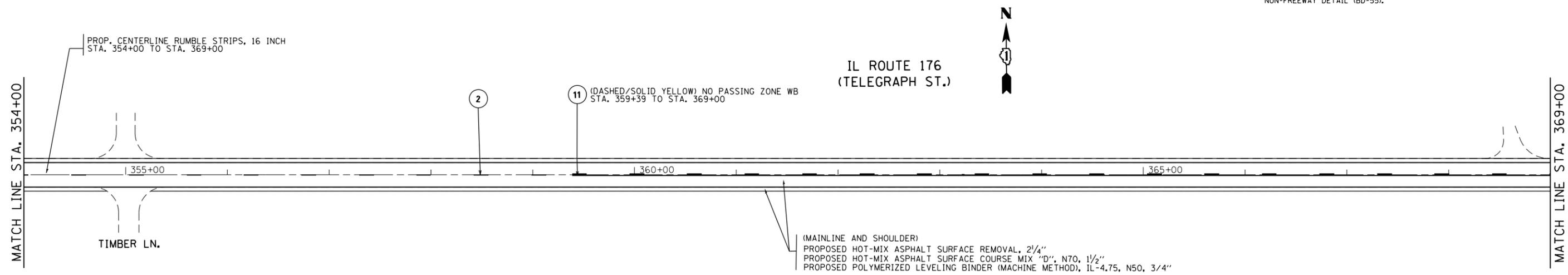


(MAINLINE AND SHOULDER)
 PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
 PROPOSED HOT-MIX ASPHALT SURFACE COURSE MIX "D", N70, 1 1/2"
 PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"

PROPOSED PAVEMENT MARKINGS LEGEND

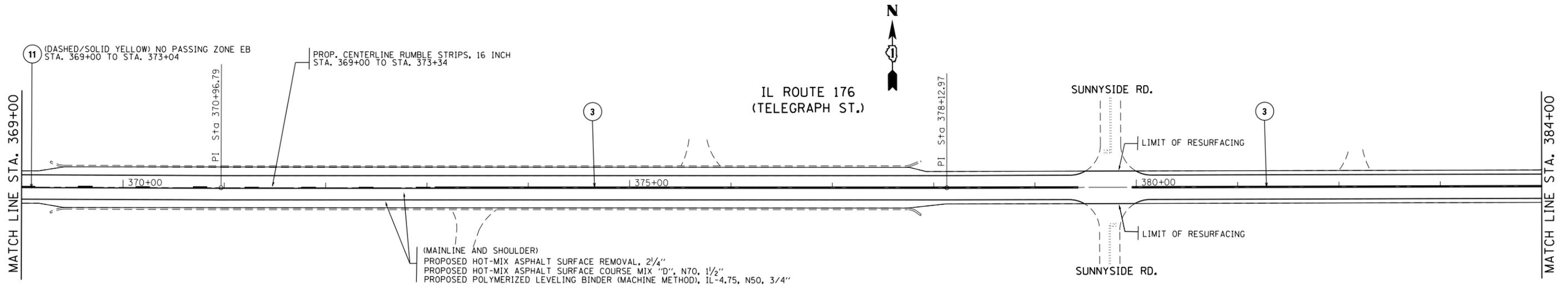
- ① THERMOPLASTIC PVMT. MARKING 4", LINE, WHITE (TYP.)
- ② THERMOPLASTIC PVMT. MARKING 4", 10' DASH - 30' SPACE, YELLOW (TYP.)
- ③ THERMOPLASTIC PVMT. MARKING 4", DOUBLE YELLOW (TYP.)
- ④ THERMOPLASTIC PVMT. MARKING 6", LINE, WHITE (TYP.)
- ⑤ THERMOPLASTIC PVMT. MARKING 8", LINE, WHITE (TYP.)
- ⑥ THERMOPLASTIC PVMT. MARKING 12", DIAGONALS, WHITE (TYP.) - SEE DISTRICT DETAIL TC-13 FOR SPACING
- ⑦ THERMOPLASTIC PVMT. MARKING 12", CROSSWALK-SCHOOL, WHITE (TYP.) - SEE DISTRICT DETAIL TC-13 FOR SPACING
- ⑧ THERMOPLASTIC PVMT. MARKING 24", STOP BAR, WHITE (TYP.)
- ⑨ THERMOPLASTIC PVMT. MARKING 6", 2' DASH - 6' SPACE, WHITE - DOTTED LINE (TYP.)
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- ⑪ THERMOPLASTIC PVMT. MARKING (DASHED/SOLID LINE) 4", 10' DASH - 30' SPACE, AND THERMOPLASTIC PVMT. MARKING 4", LINE, YELLOW (TYP.)
- ⑫ POLYUREA PVMT. MARKING TYPE II 4", LINE AND SKIP DASH (TYP.)

- NOTES:
- 1) ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKINGS (OF THE EXTRUDED TYPE) AND SHOULD BE PLACED IN ACCORDANCE WITH "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL STANDARDS TC-13.
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 - 4) SEE PEDESTRIAN RAMP (ADA) SHEETS FOR SIDEWALK DETAILS.
 - 5) CENTERLINE RUMBLE STRIPS TO BE PLACED ACCORDING TO RUMBLE STRIPES FOR CENTERLINE, NON-FREEWAY DETAIL (BD-55).



(MAINLINE AND SHOULDER)
 PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
 PROPOSED HOT-MIX ASPHALT SURFACE COURSE MIX "D", N70, 1 1/2"
 PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"

FILE NAME =	USER NAME = valedolidv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN IL. RTE. 176 (STATE ST. TO IL. RTE. 47)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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						CONTRACT NO. 62D74					
						ILLINOIS FED. AID PROJECT					
				SCALE:	SHEET OF SHEETS	STA.	TO STA.				



(MAINLINE AND SHOULDER)
 PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
 PROPOSED HOT-MIX ASPHALT SURFACE COURSE MIX "D", N70, 1 1/2"
 PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"

11 (DASHED/SOLID YELLOW) NO PASSING ZONE EB
 STA. 369+00 TO STA. 373+04

PROP. CENTERLINE RUMBLE STRIPS, 16 INCH
 STA. 369+00 TO STA. 373+34

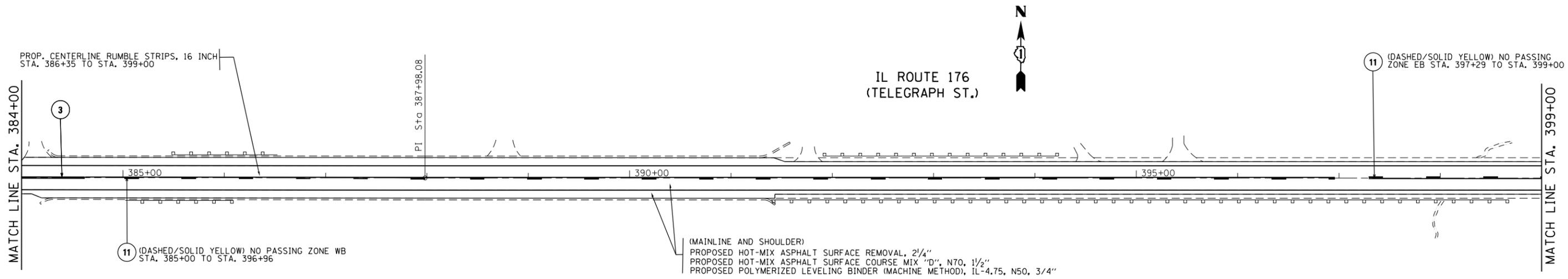
MATCH LINE STA. 369+00

MATCH LINE STA. 384+00

PROPOSED PAVEMENT MARKINGS LEGEND

- 1) THERMOPLASTIC PVMT. MARKING 4", LINE, WHITE (TYP.)
- 2) THERMOPLASTIC PVMT. MARKING 4", 10' DASH - 30' SPACE, YELLOW (TYP.)
- 3) THERMOPLASTIC PVMT. MARKING 4", DOUBLE YELLOW (TYP.)
- 4) THERMOPLASTIC PVMT. MARKING 6", LINE, WHITE (TYP.)
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- 6) THERMOPLASTIC PVMT. MARKING 12", DIAGONALS, WHITE (TYP.) - SEE DISTRICT DETAIL TC-13 FOR SPACING
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 PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
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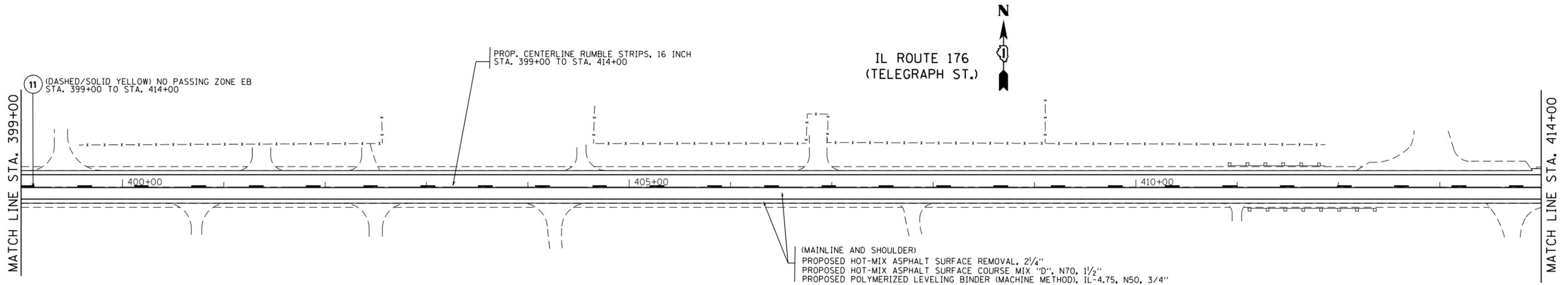
11 (DASHED/SOLID YELLOW) NO PASSING ZONE WB
 STA. 385+00 TO STA. 396+96

PROP. CENTERLINE RUMBLE STRIPS, 16 INCH
 STA. 386+35 TO STA. 399+00

MATCH LINE STA. 384+00

MATCH LINE STA. 399+00

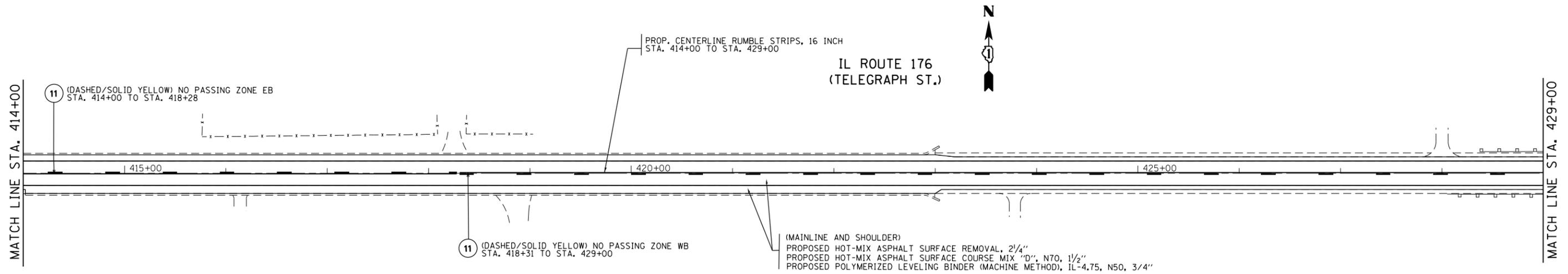
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pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\DI08317\Meta\Design\DI08317-sht-plan.dgn		REVISIONS	REVISIONS		533	(119&105)RS-8	MCHENRY	45	22			
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISIONS		CONTRACT NO. 62D74							
	PLOT DATE = 1/26/2018	DATE -	REVISIONS		ILLINOIS FED. AID PROJECT							



PROPOSED PAVEMENT MARKINGS LEGEND

- ① THERMOPLASTIC PVMT. MARKING 4", LINE, WHITE (TYP.)
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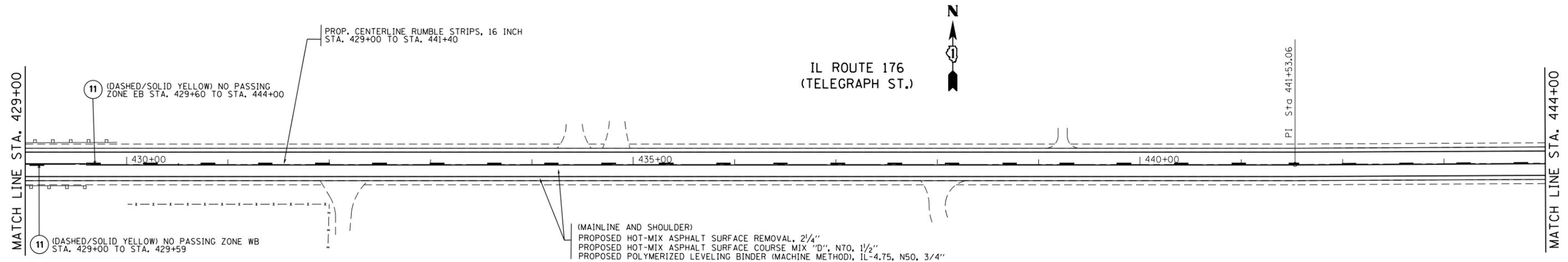


FILE NAME =	USER NAME = valledolidv	DESIGNED -	REVISED -
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/26/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN			
IL. RTE. 176 (STATE ST. TO IL. RTE. 47)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

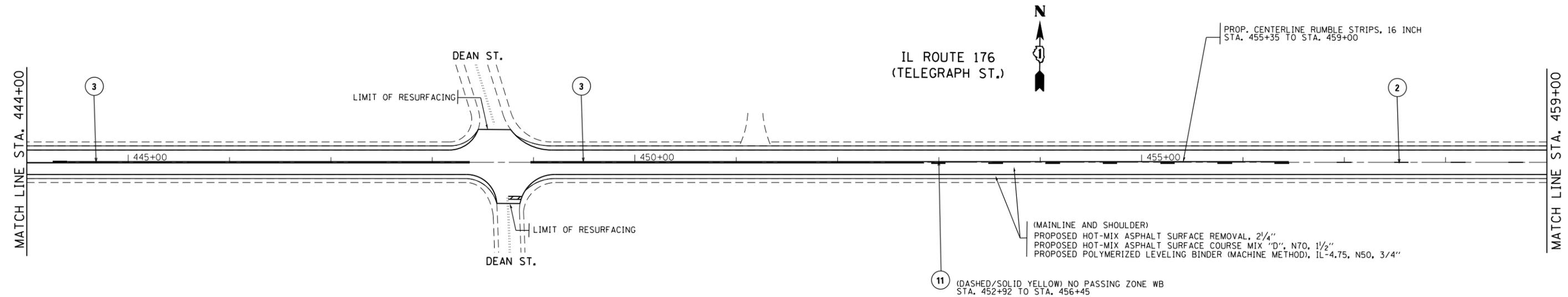
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	(119&105)RS-8	MCHENRY	45	23
CONTRACT NO.			62D74	
ILLINOIS FED. AID PROJECT				



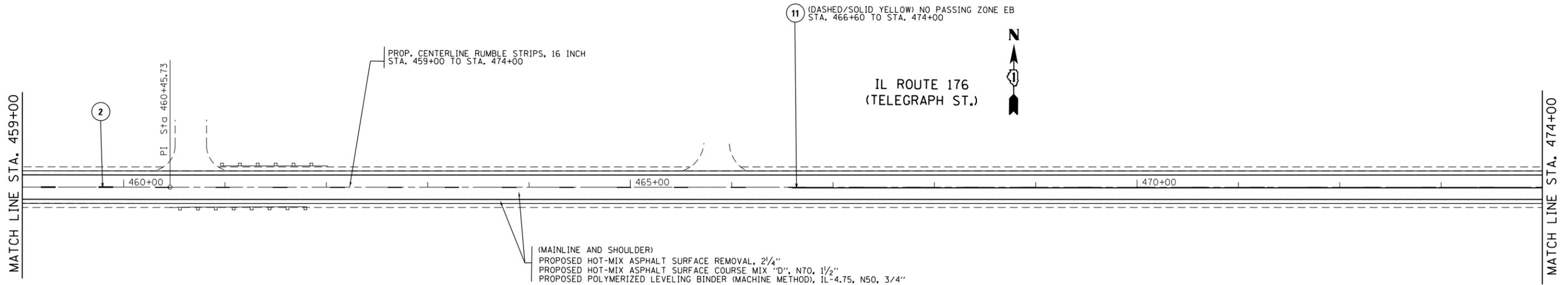
PROPOSED PAVEMENT MARKINGS LEGEND

- | | | |
|---|---|---|
| ① THERMOPLASTIC PVMT. MARKING 4", LINE, WHITE (TYP.) | ⑤ THERMOPLASTIC PVMT. MARKING 8", LINE, WHITE (TYP.) | ⑨ THERMOPLASTIC PVMT. MARKING 6", 2' DASH - 6' SPACE, WHITE - DOTTED LINE (TYP.) |
| ② THERMOPLASTIC PVMT. MARKING 4", 10' DASH - 30' SPACE, YELLOW (TYP.) | ⑥ THERMOPLASTIC PVMT. MARKING 12", DIAGONALS, WHITE (TYP.) - SEE DISTRICT DETAIL TC-13 FOR SPACING | ⑩ THERMOPLASTIC PVMT. MARKING LETTERS AND SYMBOLS |
| ③ THERMOPLASTIC PVMT. MARKING 4", DOUBLE YELLOW (TYP.) | ⑦ THERMOPLASTIC PVMT. MARKING 12", CROSSWALK-SCHOOL, WHITE (TYP.) - SEE DISTRICT DETAIL TC-13 FOR SPACING | ⑪ THERMOPLASTIC PVMT. MARKING (DASHED/SOLID LINE) 4", 10' DASH - 30' SPACE, AND THERMOPLASTIC PVMT. MARKING 4", LINE, YELLOW (TYP.) |
| ④ THERMOPLASTIC PVMT. MARKING 6", LINE, WHITE (TYP.) | ⑧ THERMOPLASTIC PVMT. MARKING 24", STOP BAR, WHITE (TYP.) | ⑫ POLYUREA PVMT. MARKING TYPE II 4", LINE AND SKIP DASH (TYP.) |

- NOTES:**
- 1) ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKINGS (OF THE EXTRUDED TYPE) AND SHOULD BE PLACED IN ACCORDANCE WITH "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL STANDARDS TC-13.
 - 2) THE RESIDENT ENGINEER SHALL VERIFY THE LOCATIONS OF ALL EXISTING PAVEMENT MARKINGS PRIOR TO MILLING OR RESURFACING.
 - 3) ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" STANDARD TC-11.
 - 4) SEE PEDESTRIAN RAMP (ADA) SHEETS FOR SIDEWALK DETAILS.
 - 5) CENTERLINE RUMBLE STRIPS TO BE PLACED ACCORDING TO RUMBLE STRIPS FOR CENTERLINE, NON-FREEWAY DETAIL (BD-55).



FILE NAME =	USER NAME = valledolidv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN IL. RTE. 176 (STATE ST. TO IL. RTE. 47)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI08317\Meta\Design\DI08317-sht-plan.dgn	PLotted SCALE = 100.0000' / in.	CHECKED -	REVISED -			533	(119&105)RS-8	MCHENRY	45	24	
Default	PLOT DATE = 1/26/2018	DATE -	REVISED -			CONTRACT NO. 62D74					
						ILLINOIS FED. AID PROJECT					

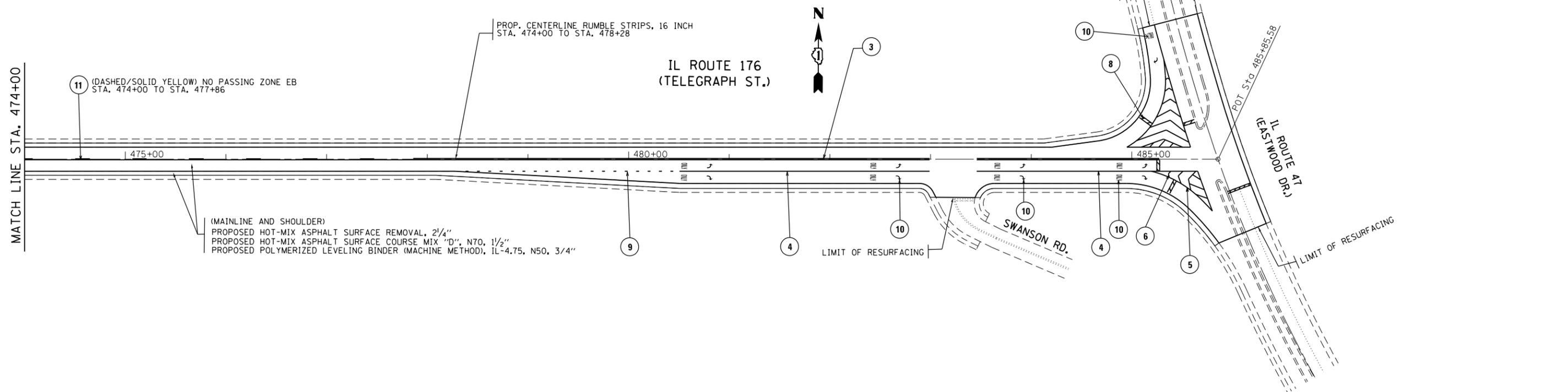


PROPOSED PAVEMENT MARKINGS LEGEND

- ① THERMOPLASTIC PVMT. MARKING 4", LINE, WHITE (TYP.)
- ② THERMOPLASTIC PVMT. MARKING 4", 10' DASH - 30' SPACE, YELLOW (TYP.)
- ③ THERMOPLASTIC PVMT. MARKING 4", DOUBLE YELLOW (TYP.)
- ④ THERMOPLASTIC PVMT. MARKING 6", LINE, WHITE (TYP.)
- ⑤ THERMOPLASTIC PVMT. MARKING 8", LINE, WHITE (TYP.)
- ⑥ THERMOPLASTIC PVMT. MARKING 12", DIAGONALS, WHITE (TYP.) - SEE DISTRICT DETAIL TC-13 FOR SPACING
- ⑦ THERMOPLASTIC PVMT. MARKING 12", CROSSWALK-SCHOOL, WHITE (TYP.) - SEE DISTRICT DETAIL TC-13 FOR SPACING
- ⑧ THERMOPLASTIC PVMT. MARKING 24", STOP BAR, WHITE (TYP.)
- ⑨ THERMOPLASTIC PVMT. MARKING 6", 2' DASH - 6' SPACE, WHITE - DOTTED LINE (TYP.)
- ⑩ THERMOPLASTIC PVMT. MARKING LETTERS AND SYMBOLS
- ⑪ THERMOPLASTIC PVMT. MARKING (DASHED/SOLID LINE) 4", 10' DASH - 30' SPACE, AND THERMOPLASTIC PVMT. MARKING 4", LINE, YELLOW (TYP.)
- ⑫ POLYUREA PVMT. MARKING TYPE II 4", LINE AND SKIP DASH (TYP.)

NOTES:

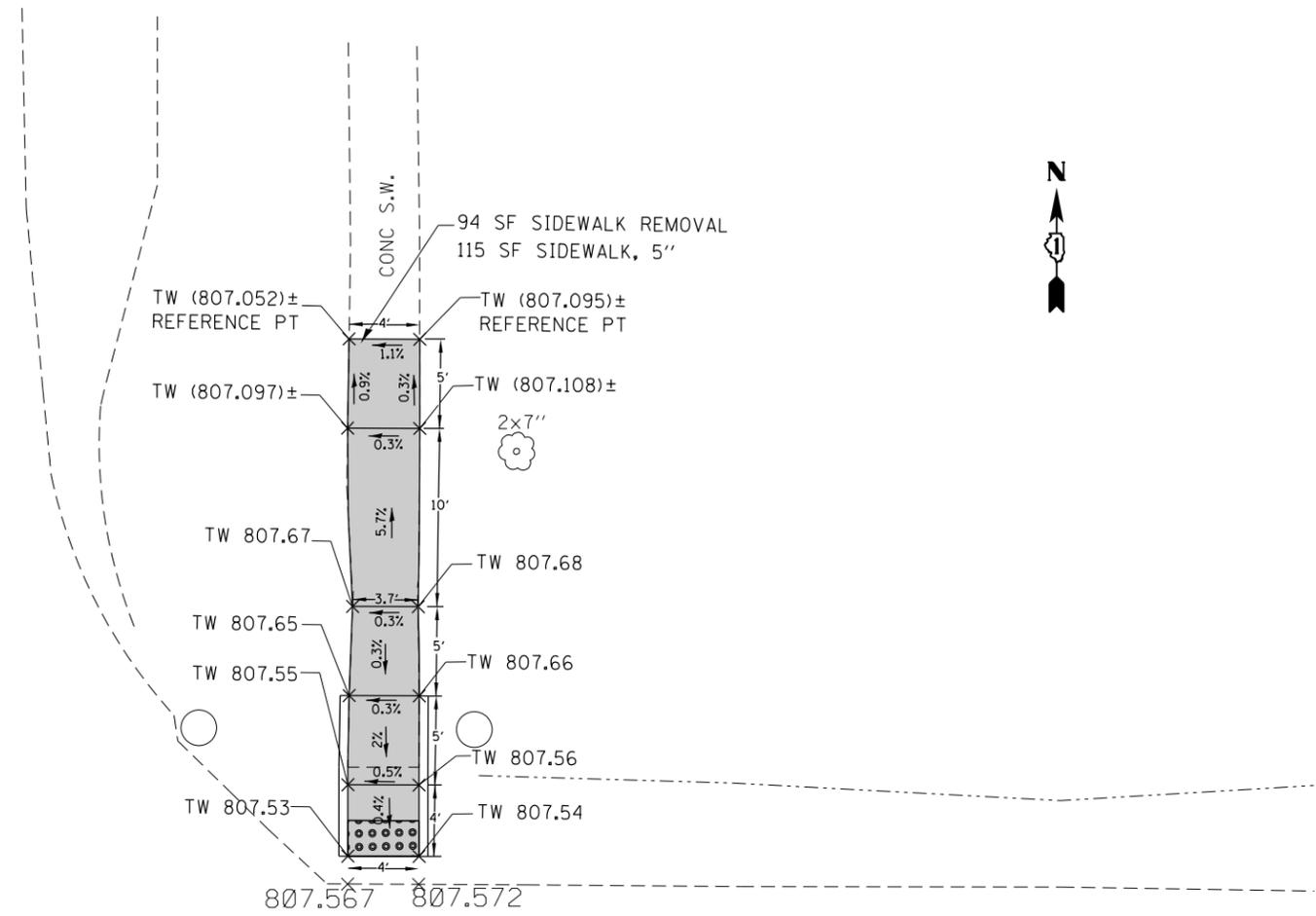
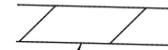
- 1) ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKINGS (OF THE EXTRUDED TYPE) AND SHOULD BE PLACED IN ACCORDANCE WITH "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL STANDARDS TC-13.
- 2) THE RESIDENT ENGINEER SHALL VERIFY THE LOCATIONS OF ALL EXISTING PAVEMENT MARKINGS PRIOR TO MILLING OR RESURFACING.
- 3) ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" STANDARD TC-11.
- 4) SEE PEDESTRIAN RAMP (ADA) SHEETS FOR SIDEWALK DETAILS.
- 5) CENTERLINE RUMBLE STRIPS TO BE PLACED ACCORDING TO RUMBLE STRIPES FOR CENTERLINE, NON-FREEWAY DETAIL (BD-55).



FILE NAME =	USER NAME = valledolidv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN IL. RTE. 176 (STATE ST. TO IL. RTE. 47)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI08317\Design\DI08317-sht-plan.dgn		CHECKED -	REVISED -		533	(119&105)RS-8	MCHENRY	45	25				
Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -		CONTRACT NO. 62D74				ILLINOIS FED. AID PROJECT				
	PLOT DATE = 1/26/2018				SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.		

HALE ST.

THERMOPLASTIC PAVMENT MARKING - LINE 24"



TELEGRAPH ST.

807.541

LEGEND

- xx.xx' EXISTING LENGTH
- PROPOSED SIDE CURB
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 809.02
 BENCHMARK : SPIKE WITH YELLOW SLEEVE IN THE SOUTH WEST CORNER OF IL RTE 176 AND HALE ST
 LOCATION ; NORTH WEST CORNER (RETURN) OF IL 176 AND HALE ST

FILE NAME =	USER NAME = valledolidv	DESIGNED -	REVISED -
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	PLOT DATE = 1/29/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL. RTE. 176 (TELEGRAPH ST) AT HALE ST. NORTH
 ADA SIDEWALK DETAIL SHEETS**

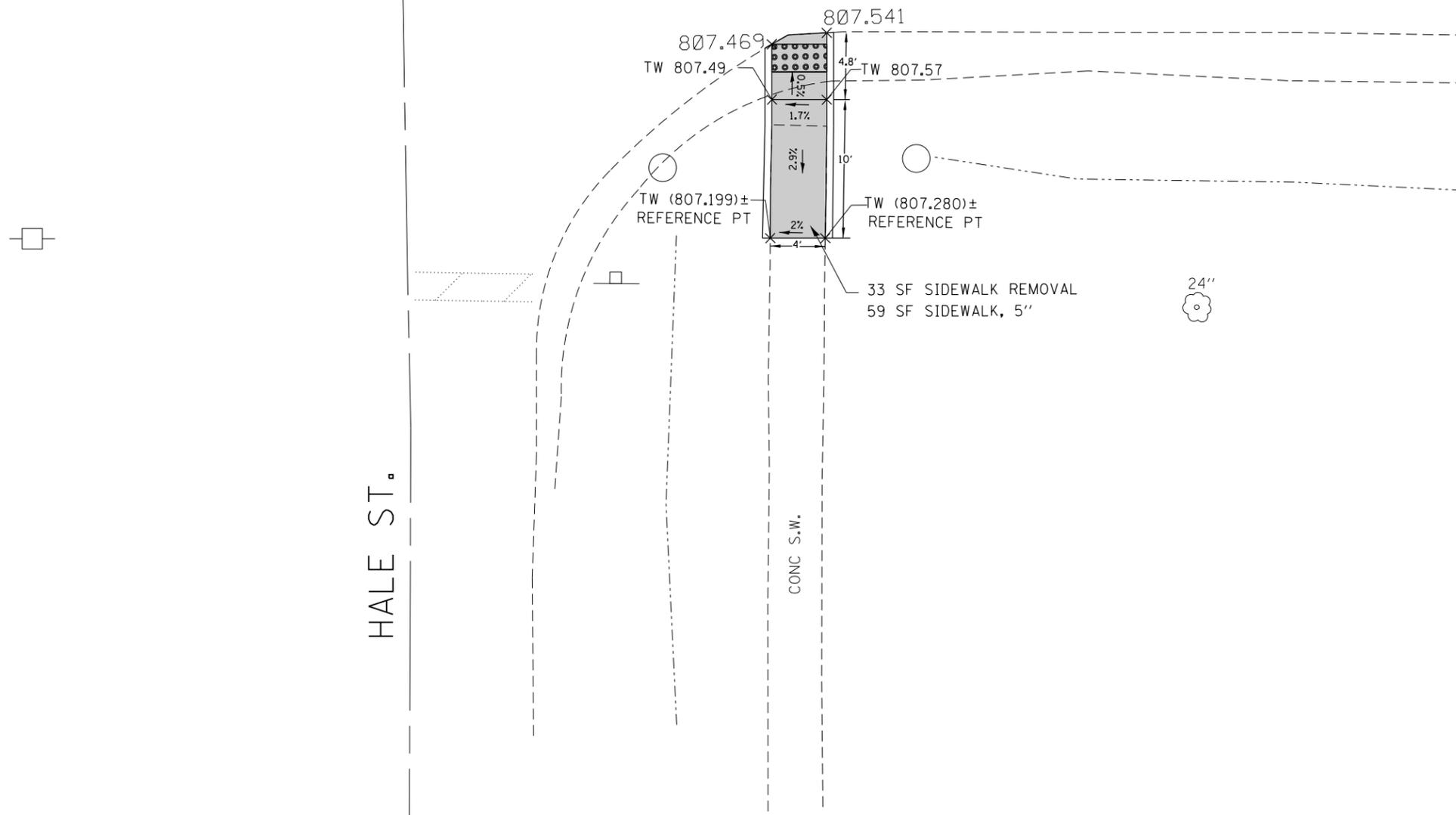
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	(119&105)RS-8	MCHENRY	45	26
CONTRACT NO. 62074				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.



TELEGRAPH ST.

HALE ST.



LEGEND

- xx.xx' EXISTING LENGTH
- PROPOSED SIDE CURB
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 809.02
 BENCHMARK : SPIKE WITH YELLOW SLEEVE IN THE SOUTH WEST CORNER OF IL RTE 176 AND HALE ST
 LOCATION ; NORTH WEST CORNER (RETURN) OF IL 176 AND HALE ST

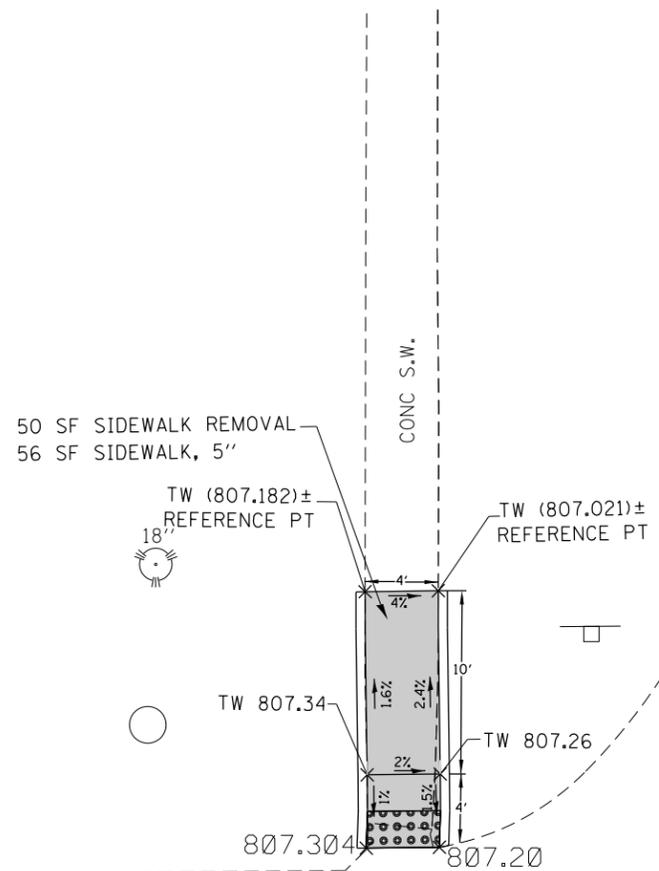
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Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/29/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL. RTE. 176 (TELEGRAPH ST) AT HALE ST. SOUTH
 ADA SIDEWALK DETAIL SHEETS**

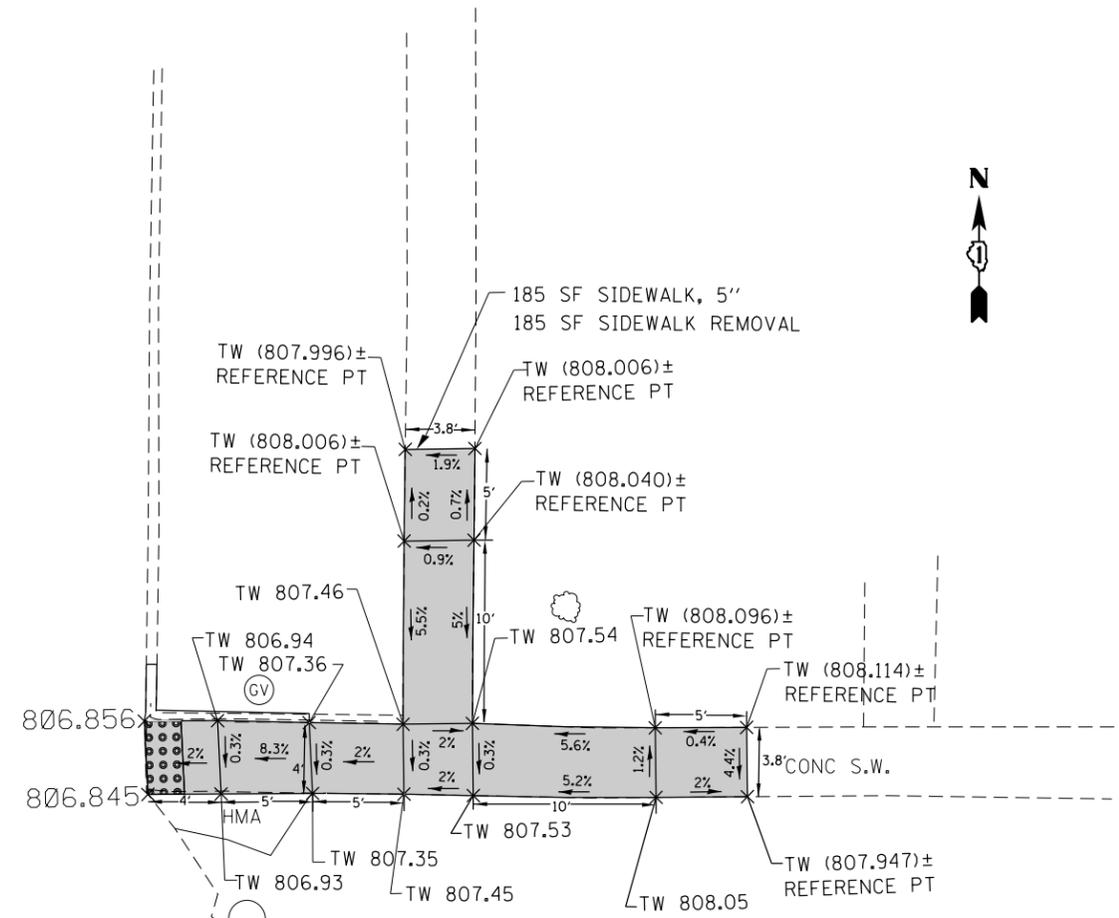
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	(119&105)RS-8	MCHENRY	45	27
CONTRACT NO. 62D74				
ILLINOIS FED. AID PROJECT				



TAYLOR ST.

THERMOPLASTIC PAVMENT MARKING - LINE 24"



TELEGRAPH ST.

LEGEND

- xx.xx' EXISTING LENGTH
- PROPOSED SIDE CURB
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 809.69
 BENCHMARK : BOLT WITH ARROW ON FIRE HYDRANT IN THE SOUTH WEST CORNER OF IL RTE 176 AND TAYLOR ST
 LOCATION ; SOUTH WEST CORNER OF IL RTE 176 AND TAYLOR ST

FILE NAME =	USER NAME = valledolidv	DESIGNED -	REVISED -
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Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/29/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL. RTE. 176 (TELEGRAPH ST) AT TAYLOR ST NORTH
 ADA SIDEWALK DETAIL SHEETS**

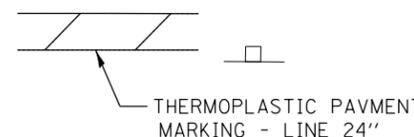
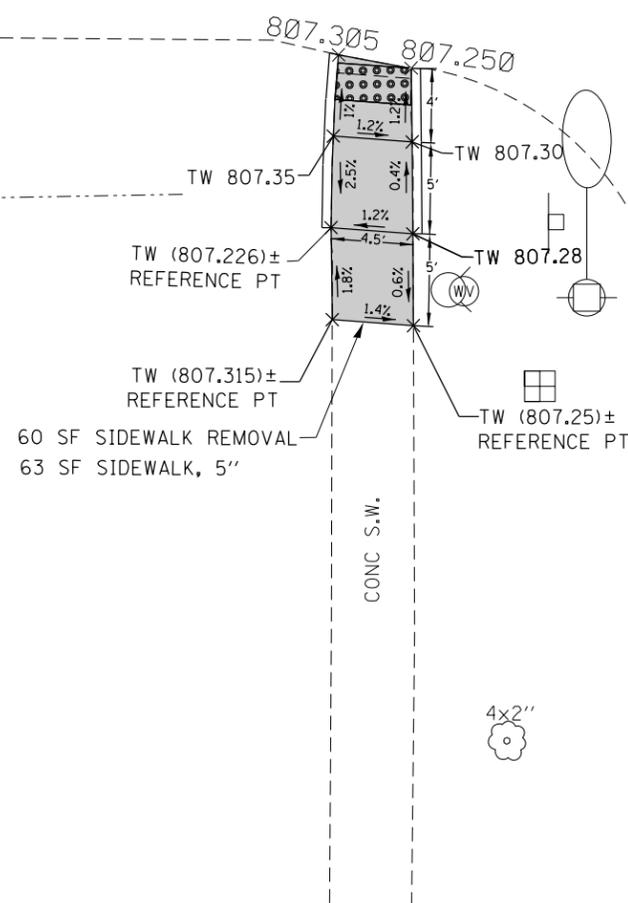
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	(119&105)RS-8	MCHENRY	45	28
CONTRACT NO. 62D74				
ILLINOIS FED. AID PROJECT				



TELEGRAPH ST.

TAYLOR ST.



LEGEND



EXISTING LENGTH



PROPOSED SIDE CURB



EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 809.69

BENCHMARK ; BOLT WITH ARROW ON FIRE HYDRANT IN THE SOUTH WEST CORNER OF IL RTE 176 AND TAYLOR STREET

LOCATION ; SOUTH WEST CORNER OF IL RTE 176 AND TAYLOR ST

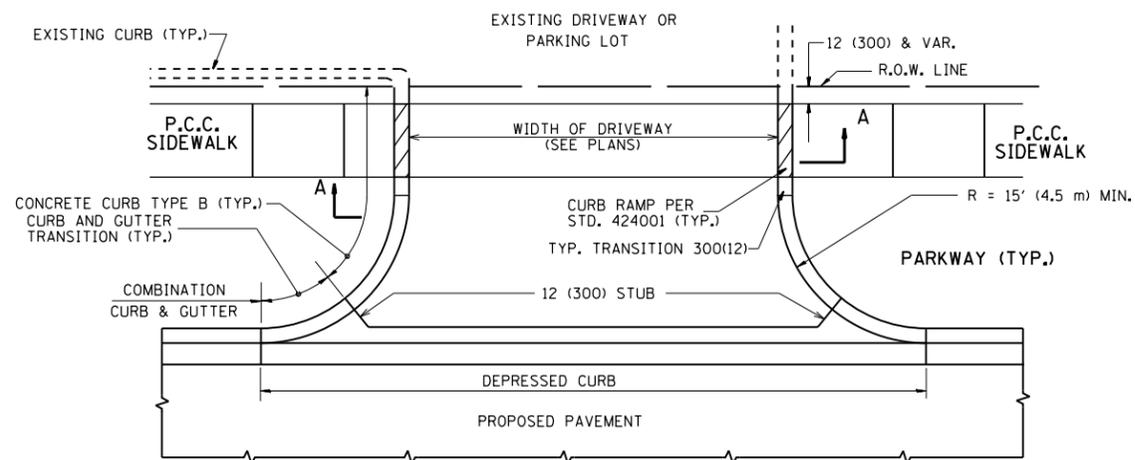
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Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/29/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

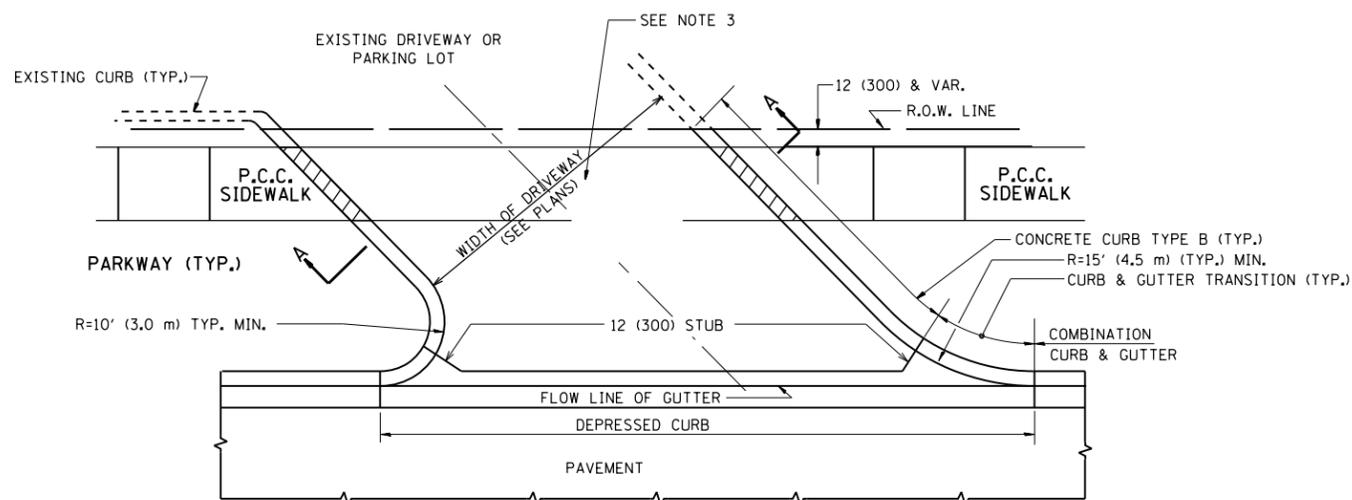
IL. RTE. 176 (TELEGRAPH ST) AT TAYLOR ST SOUTH
ADA SIDEWALK DETAIL SHEETS

SCALE: SHEET OF SHEETS STA. TO STA.

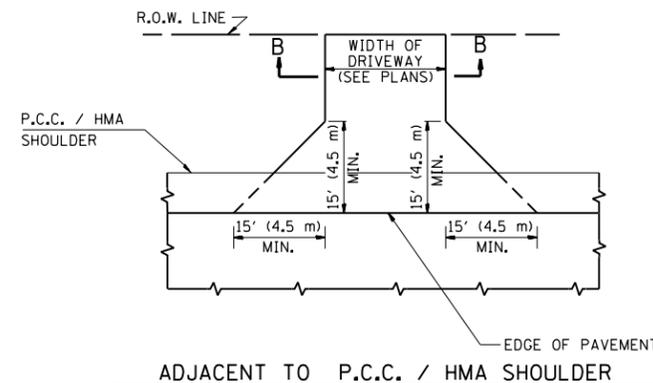
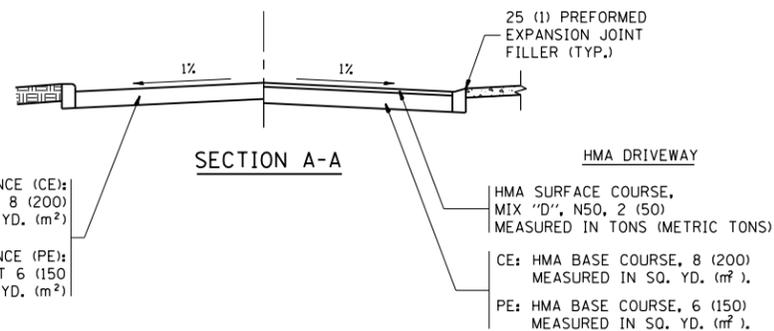
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	(119&105)RS-8	MCHENRY	45	29
CONTRACT NO. 62074			ILLINOIS FED. AID PROJECT	



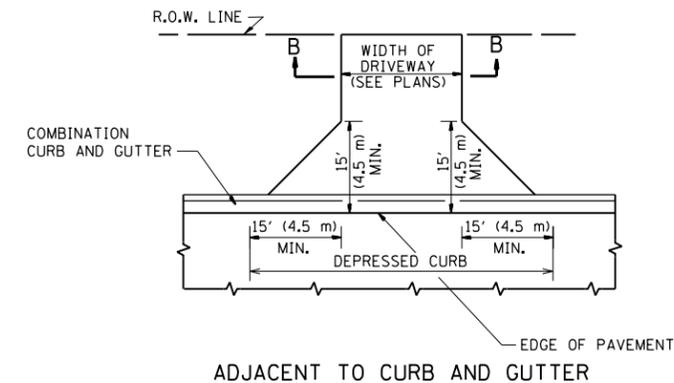
WITH CONCRETE CURB, TYPE B



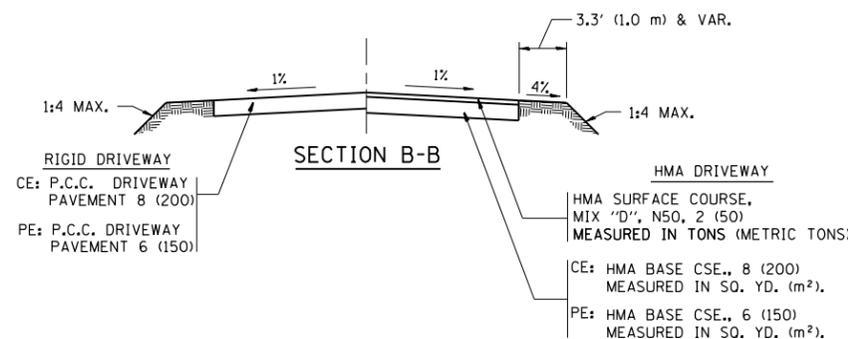
WITH CONCRETE CURB, TYPE B



ADJACENT TO P.C.C. / HMA SHOULDER



ADJACENT TO CURB AND GUTTER



RURAL FIELD ENTRANCE (FE)

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 ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT 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.

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.

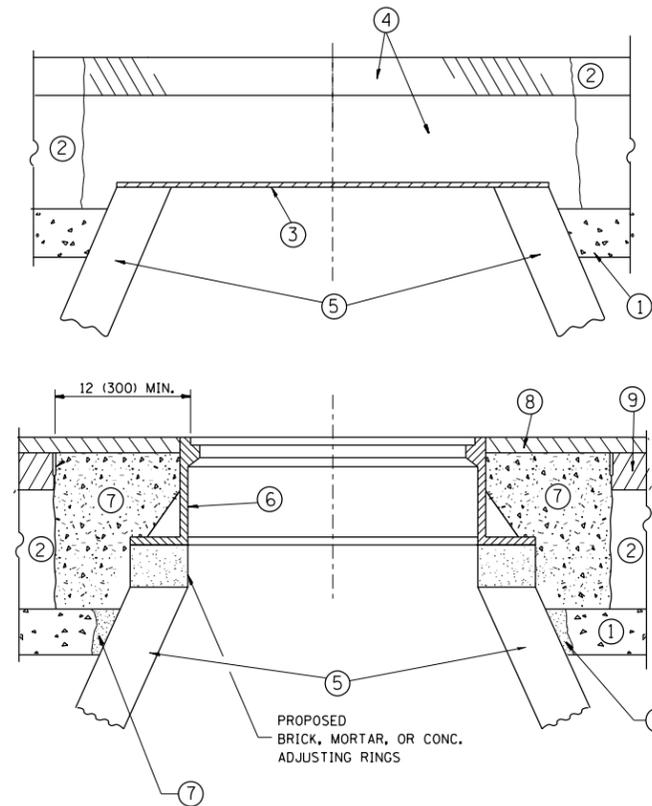
WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

FILE NAME =	USER NAME = valledolidv	DESIGNED - R. SHAH	REVISED - P. LaFLUER 04-15-03
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		DATE - 11-04-95	REVISED - R. BORO 06-11-08
			REVISED - R. BORO 09-06-11

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER ≥ 15' (4.5 m)			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	2016-045RS	MCHENRY	45	33
BD0156-07 (BD-01)			CONTRACT NO. 62D74	
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 1/2 (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

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.

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.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

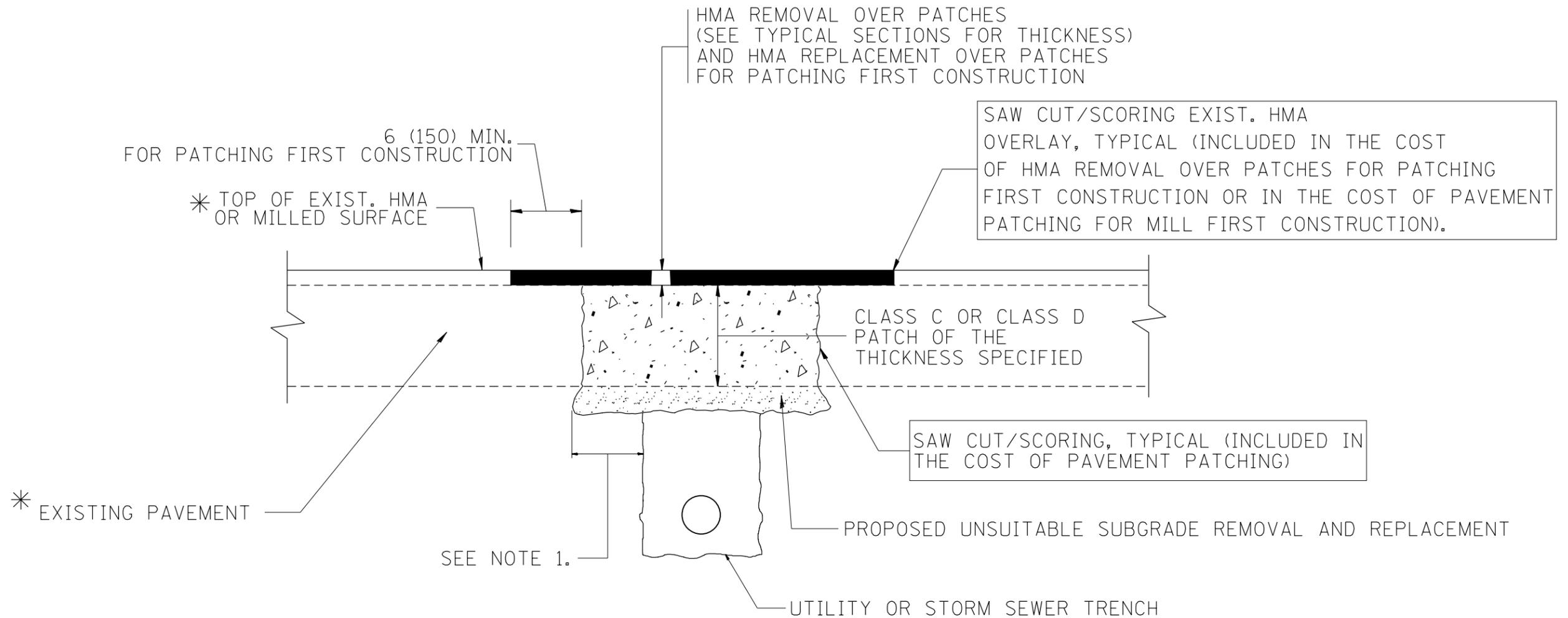
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = valledolidv	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 03-09-11
	PLOT DATE = 1/26/2018	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.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	(119&105)RS-8	MCHENRY	45	34
BD600-03 (BD-8)		CONTRACT NO. 62074		
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 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 =	USER NAME = valledolidv	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98
pw:\IL\084EBIDINTEG.illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\DI083\Drawings\Design\Diststd.dgn		CHECKED -	REVISED - R. BORO 01-01-07
	PLOT SCALE = 100.0000' / 1in.	DATE - 10-25-94	REVISED - R. BORO 09-04-07
	PLOT DATE = 1/26/2018		REVISED - K. ENG 10-27-08

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	(119&105)RS-8	MCHENRY	45	35
BD400-04 (BD-22)		CONTRACT NO.	62074	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE ②)

PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ②)

SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.

SEE STATE STANDARD 606001
EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)

18" (450) MAX.

1/4" (5) **

EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE, SOD OR GROUND.

PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

T/2 *

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)

3" (75) MIN.

PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

* 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.

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.

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.

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

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.

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

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

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 USABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

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.

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".

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.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

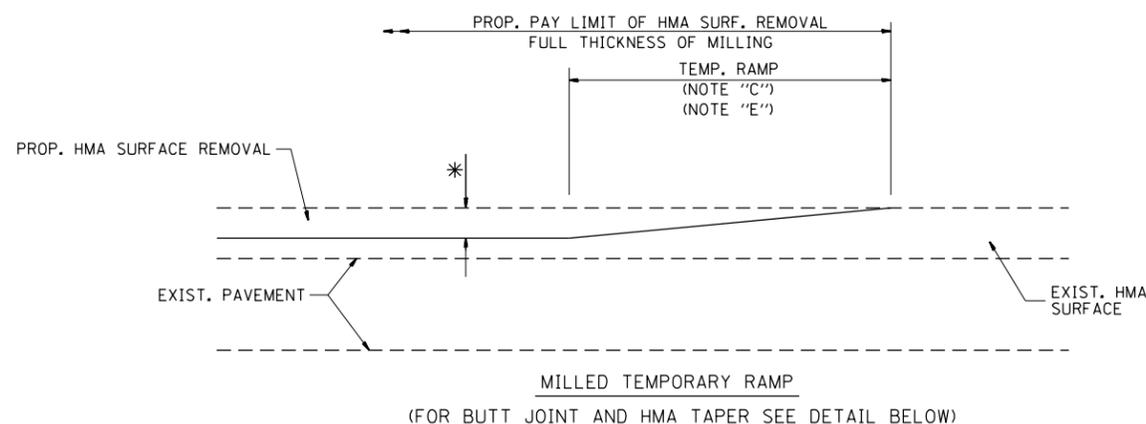
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pw:\IL\084EBID\INTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\DI083\Drawings\Design\Diststd.dgn		REVISED - A. ABBAS 03-21-97	
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - M. GOMEZ 01-22-01
	PLOT DATE = 1/26/2018	DATE - 03-11-94	REVISED - R. BORO 12-15-09

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

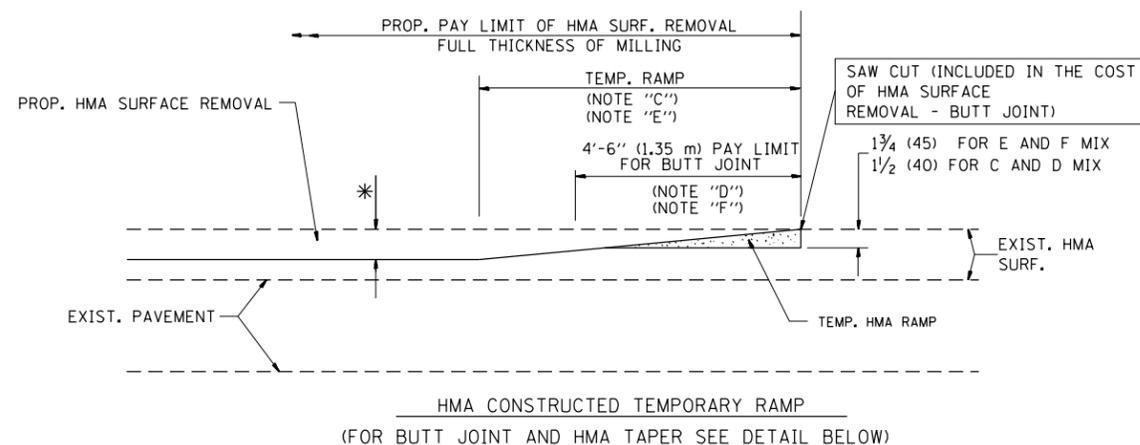
CURB OR CURB AND GUTTER
REMOVAL AND REPLACEMENT

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	(119&105)RS-8	MCHENRY	45	36
BD600-06 (BD-24)		MCHENRY	CONTRACT NO. 62D74	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

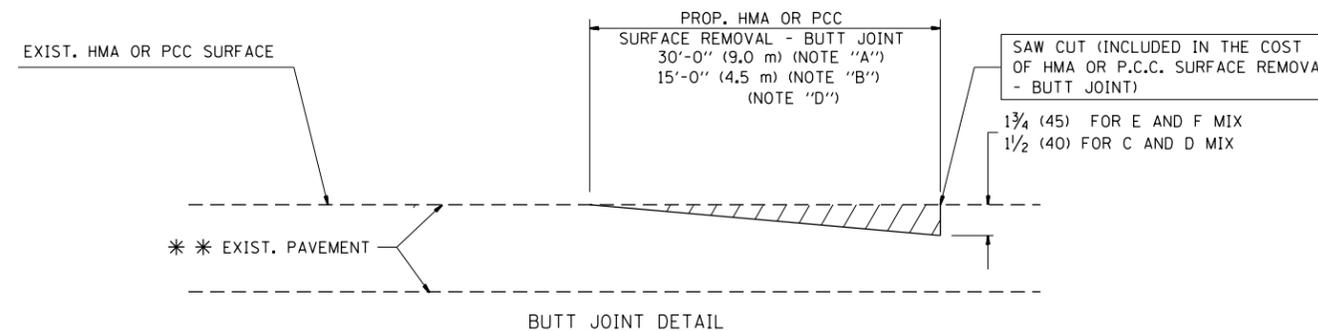


OPTION 1

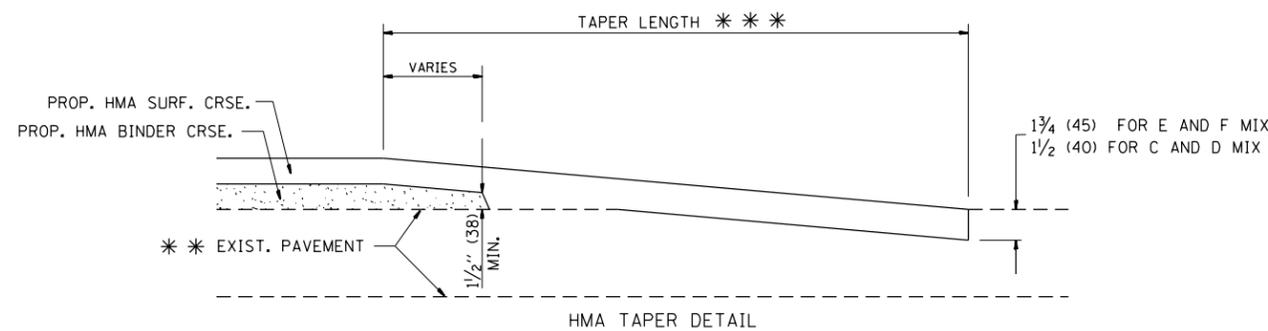


OPTION 2

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.

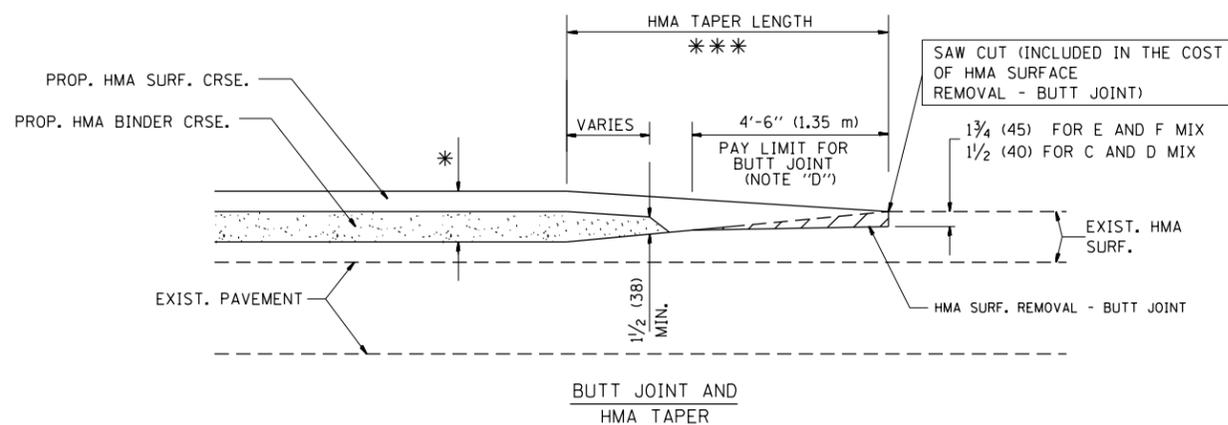
NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
 - 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'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
 - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
 - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- * * * 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:

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".

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



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

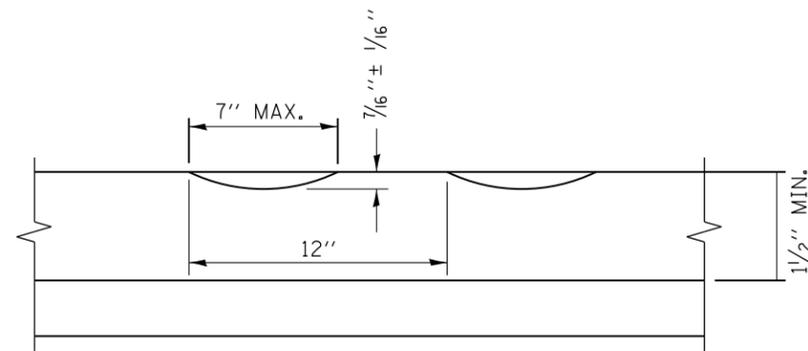
FILE NAME =	USER NAME = valledolidv	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
p:\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\DI083\Drawings\Design\Diststd.dgn		REVISED - A. ABBAS 03-21-97	
	PLOT SCALE = 1/26/2018	CHECKED -	REVISED - M. GOMEZ 04-06-01
		DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

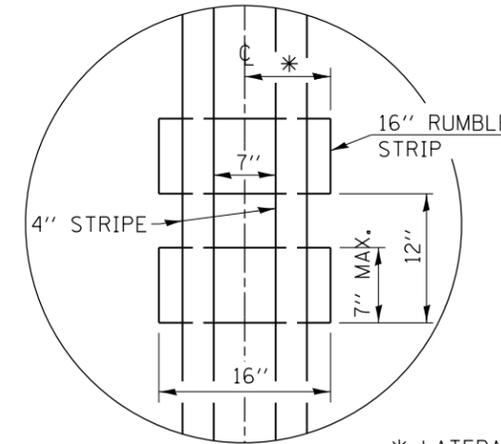
**BUTT JOINT AND
HMA TAPER DETAILS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	(119&105)RS-8	MCHENRY	45	37
BD400-05 BD32		CONTRACT NO.	62D74	
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.

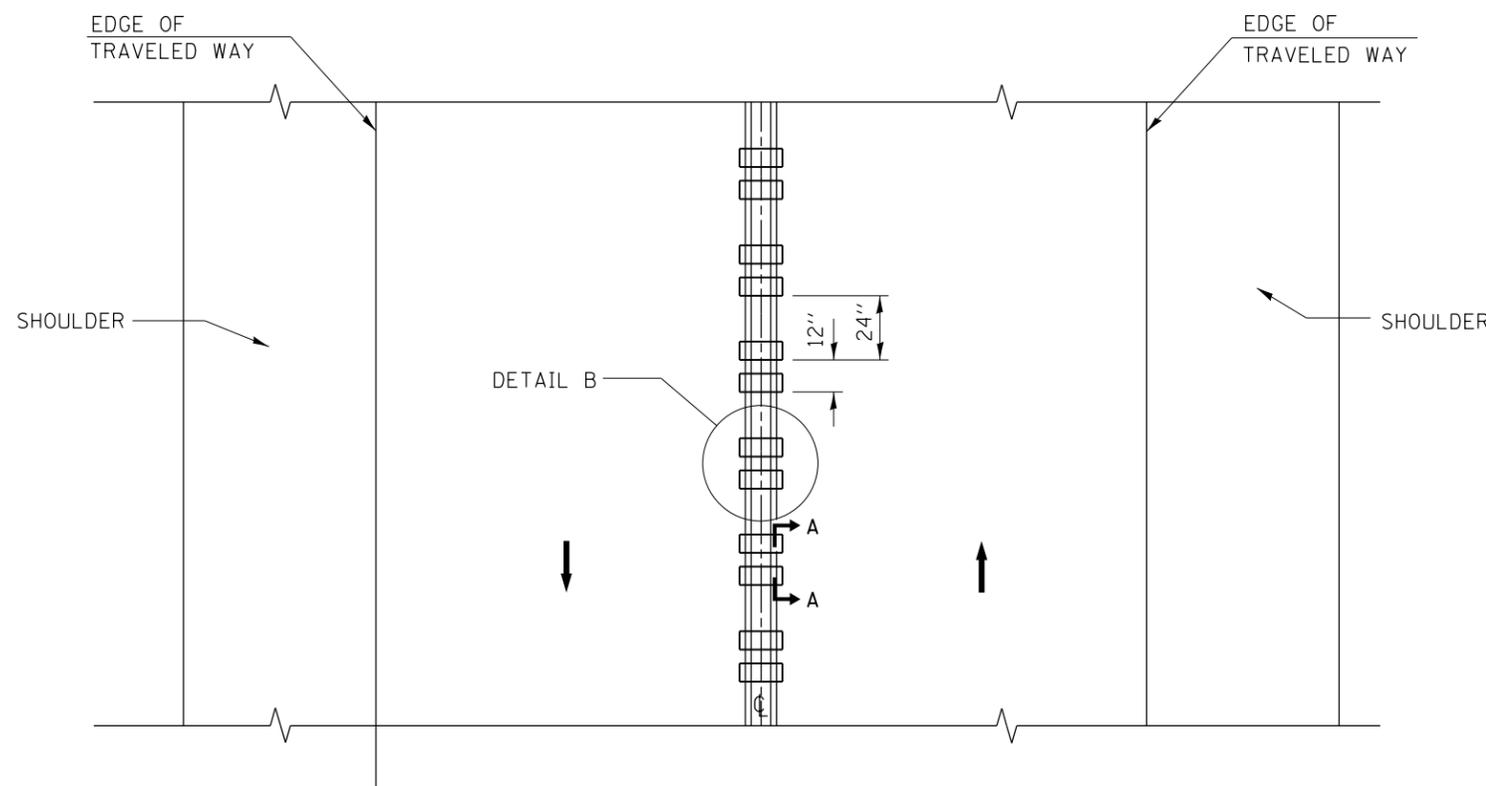
AFTER RUMBLE STRIPS ARE INSTALLED, THE PAVEMENT SURFACE SHALL BE SWEEP CLEAN PRIOR TO THE PLACEMENT OF THE NEW PAVEMENT MARKINGS.

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

BASIS OF PAYMENT

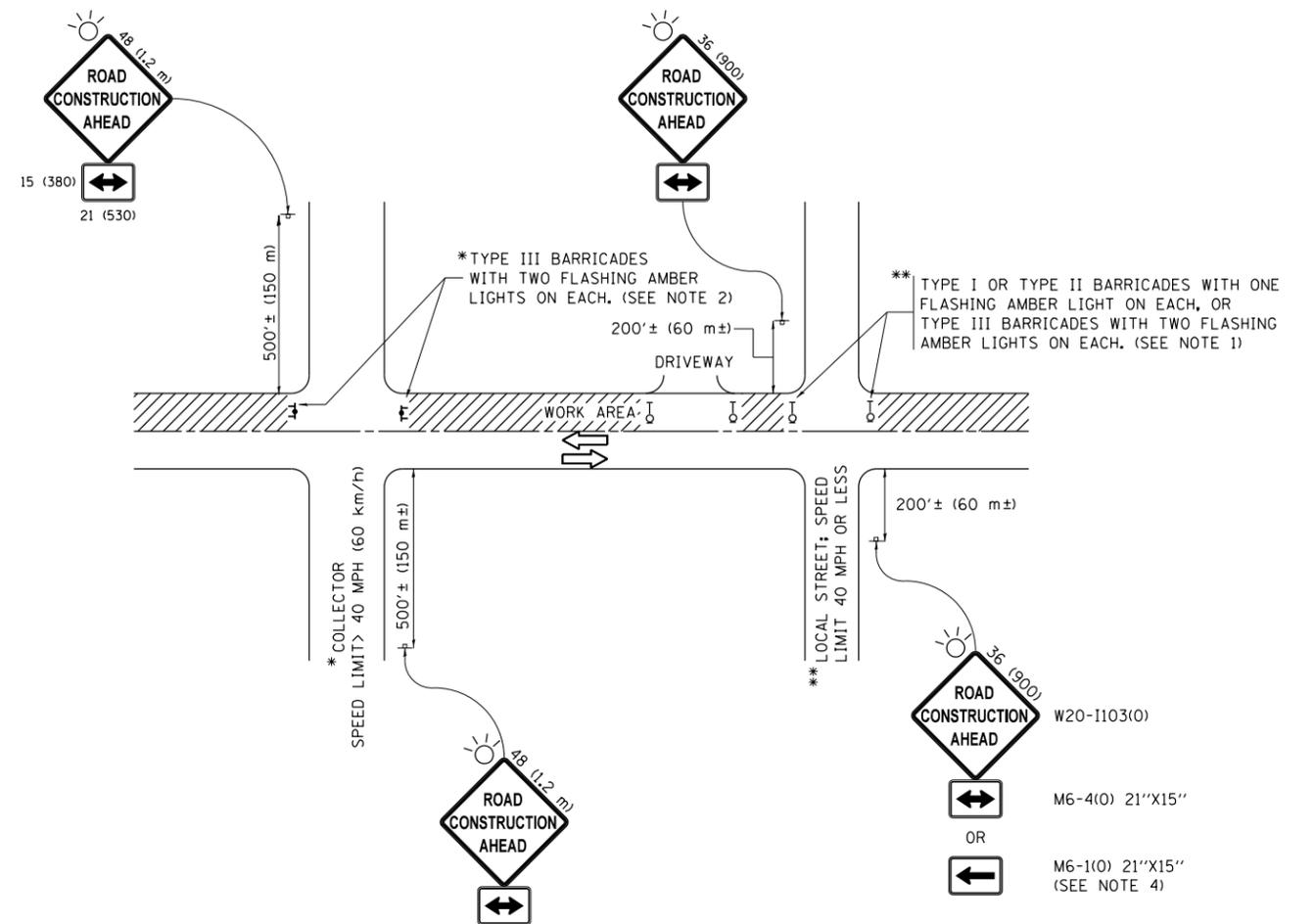
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR CENTERLINE-RUMBLE STRIP OF THE WIDTH SPECIFIED.

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



TWO-WAY ROAD

FILE NAME =	USER NAME = valledolidv	DESIGNED - R. BORO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RUMBLE STRIPES FOR CENTERLINE, NON-FREEWAY			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\DI083\Drawings\Design\Diststd.dgn	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -					533	(119&105)RS-8	MCHENRY	45	39
PLOT DATE = 1/26/2018	DATE - 08-06-2012	REVISED -	REVISED -		BD 55			CONTRACT NO. 62D74				
					SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		



NOTES:

- 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:
 - 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.
 - 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.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - 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.
 - 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.
- 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.
- 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).
- 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.
- ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- 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.

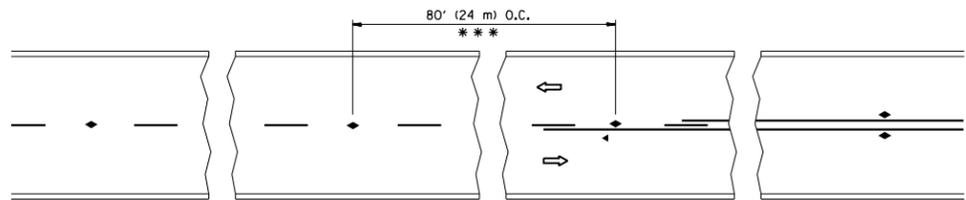
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	PLOT DATE = 1/26/2018	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

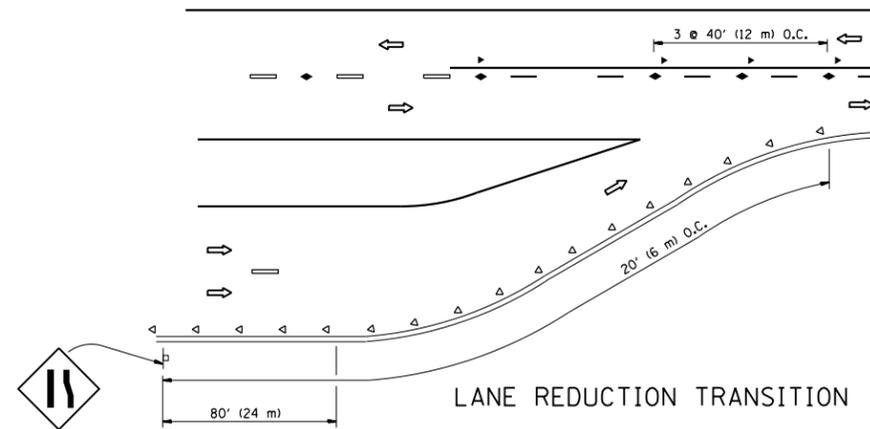
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-10			CONTRACT NO. 62D74	
ILLINOIS FED. AID PROJECT				

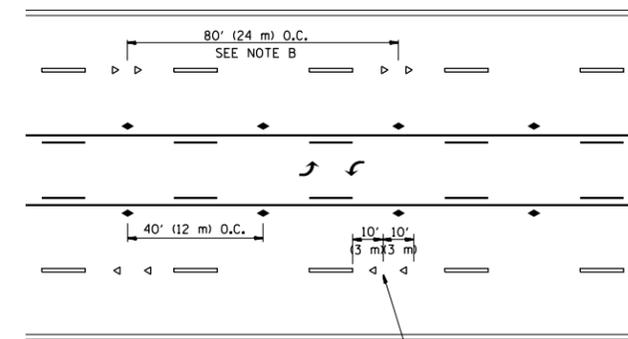


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

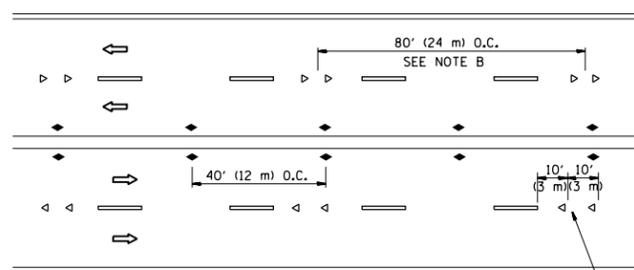
TWO-LANE/TWO-WAY



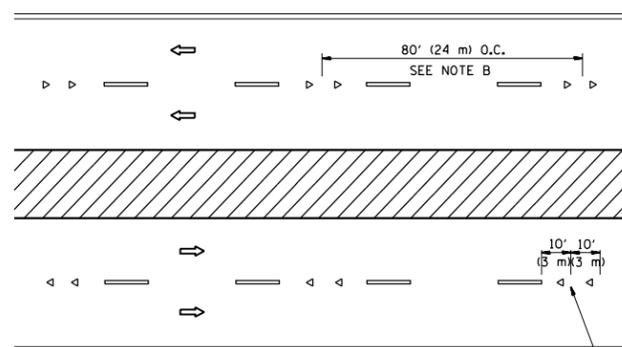
LANE REDUCTION TRANSITION



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

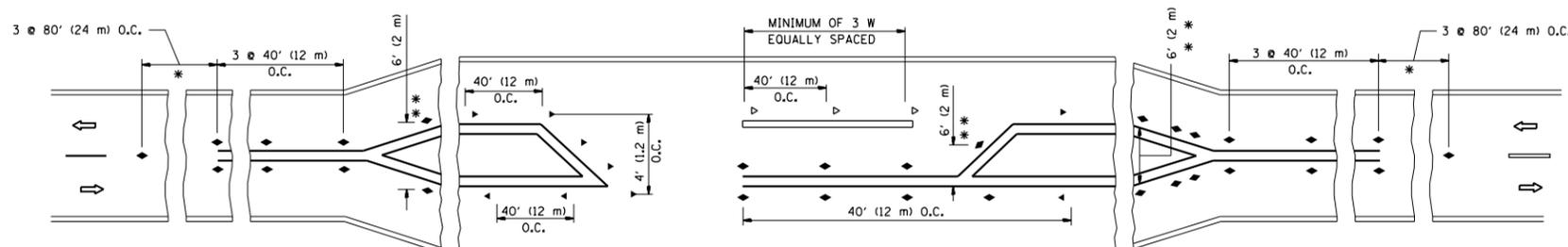
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

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.

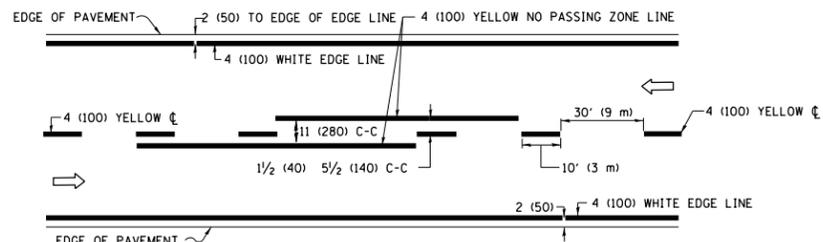
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		DATE -	REVISED - T. RAMMACHER 01-06-00
			REVISED - C. JUCIUS 09-09-09

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

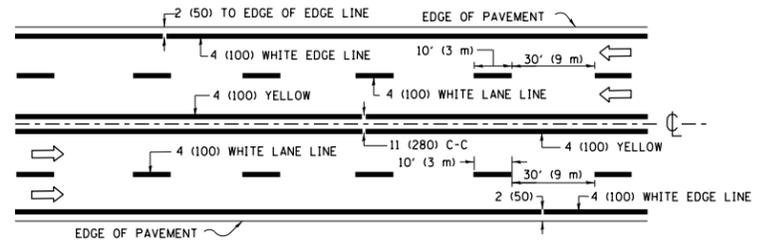
TYPICAL APPLICATIONS
 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)

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

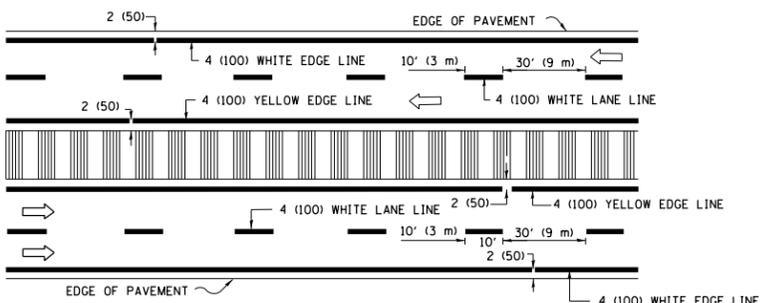
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	(119&105)RS-8	MCHENRY	45	41
TC-11		CONTRACT NO. 62D74		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

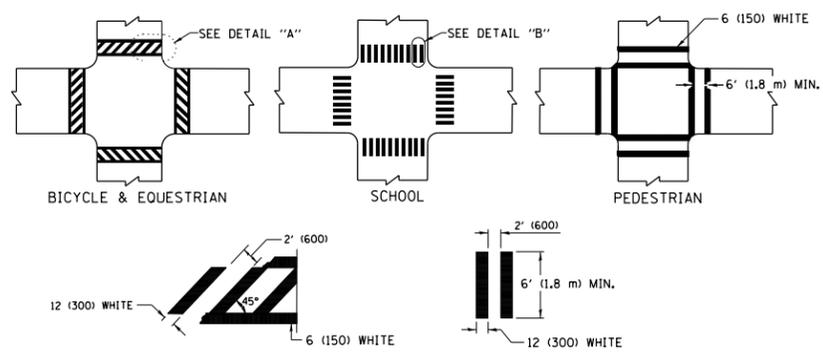


MULTI-LANE UNDIVIDED



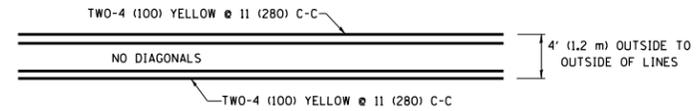
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

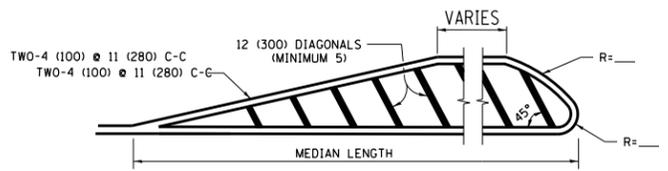


TYPICAL CROSSWALK MARKING

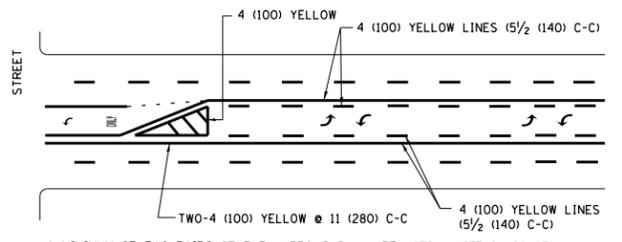
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



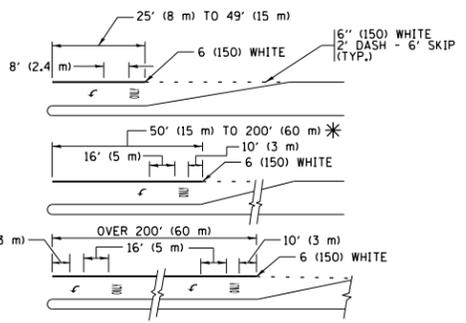
4' (1.2 m) WIDE MEDIANS ONLY



MEDIANS OVER 4' (1.2 m) WIDE



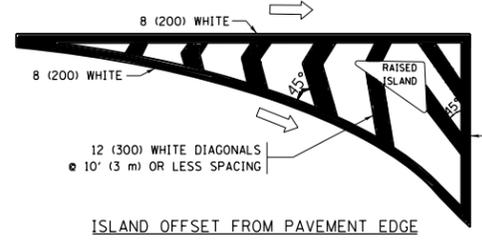
MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING



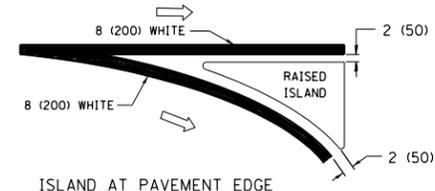
TYPICAL LEFT (OR RIGHT) TURN LANE TYPICAL TURN LANE MARKING

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)

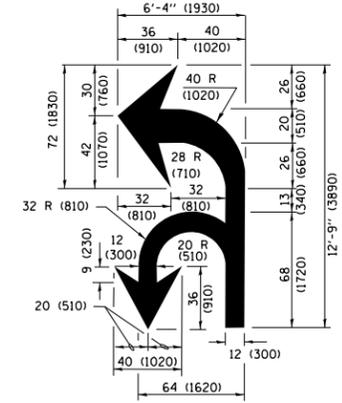
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".



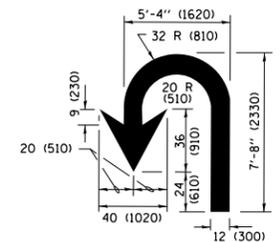
ISLAND OFFSET FROM PAVEMENT EDGE



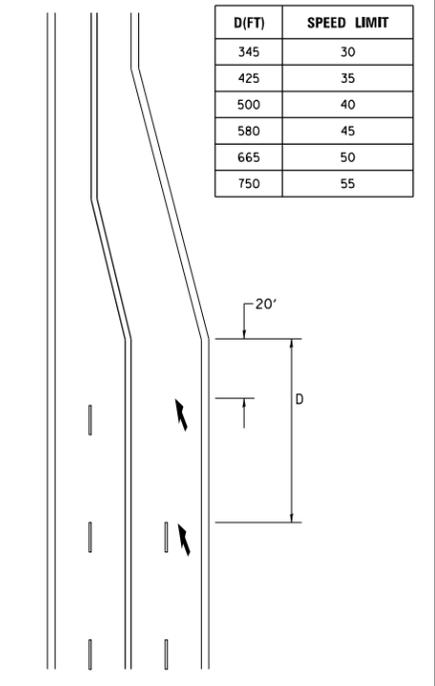
ISLAND AT PAVEMENT EDGE TYPICAL ISLAND MARKING



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.

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	5/2 (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; 5/2 (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; 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' (22.5 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.

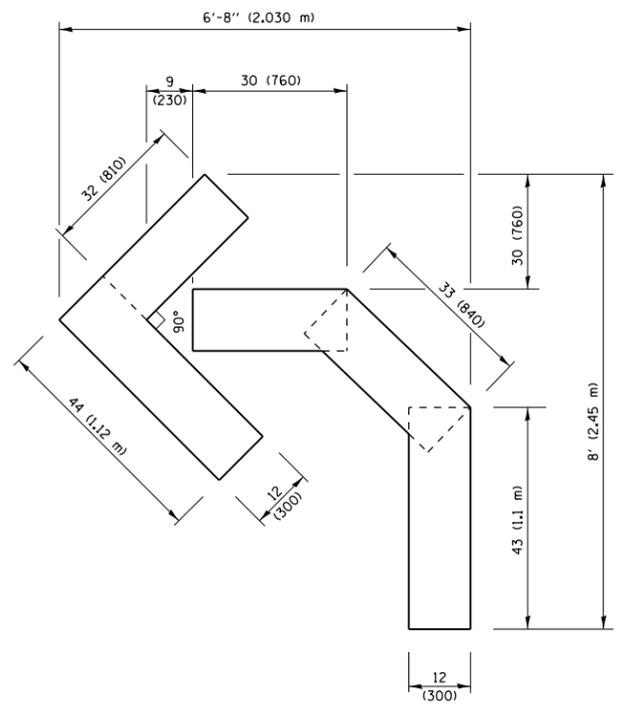
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = valledolidv	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
pw\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\01083\Drawings\Design\Diststd.dgn		CHECKED -	REVISED - C. JUCIUS 07-01-13
Default	PLOT SCALE = 100.0000' / in.	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
	PLOT DATE = 1/26/2018		REVISED - C. JUCIUS 04-12-16

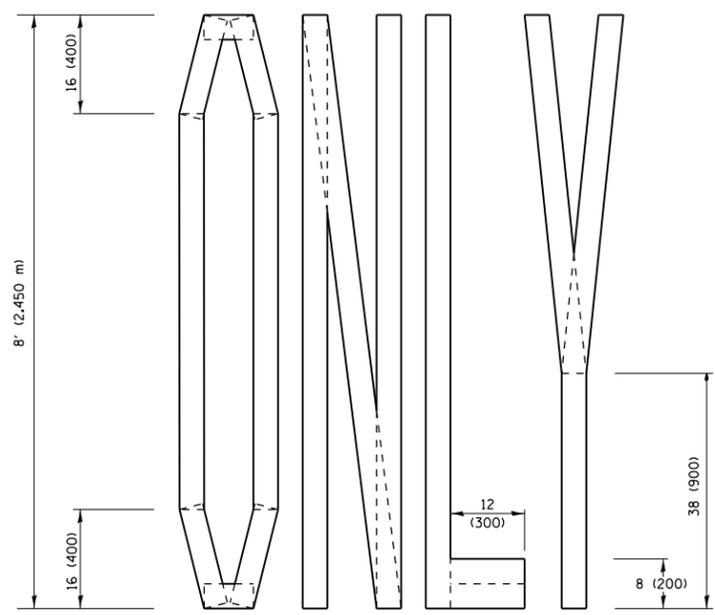
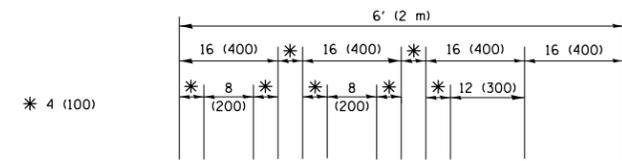
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE TYPICAL PAVEMENT MARKINGS			
SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	

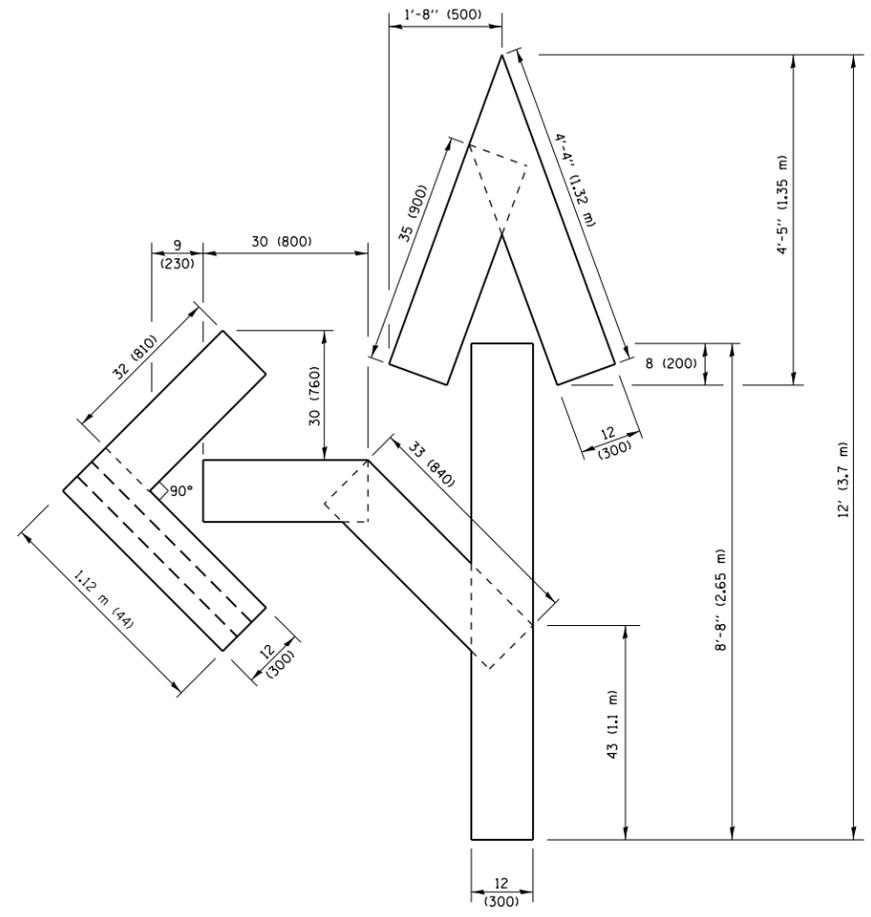
F.A.P. R.T.E. 533	SECTION (1198.105)RS-8	COUNTY MCHENRY	TOTAL SHEETS 45	SHEET NO. 42
TC-13			CONTRACT NO. 62D74	
ILLINOIS FED. AID PROJECT				



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

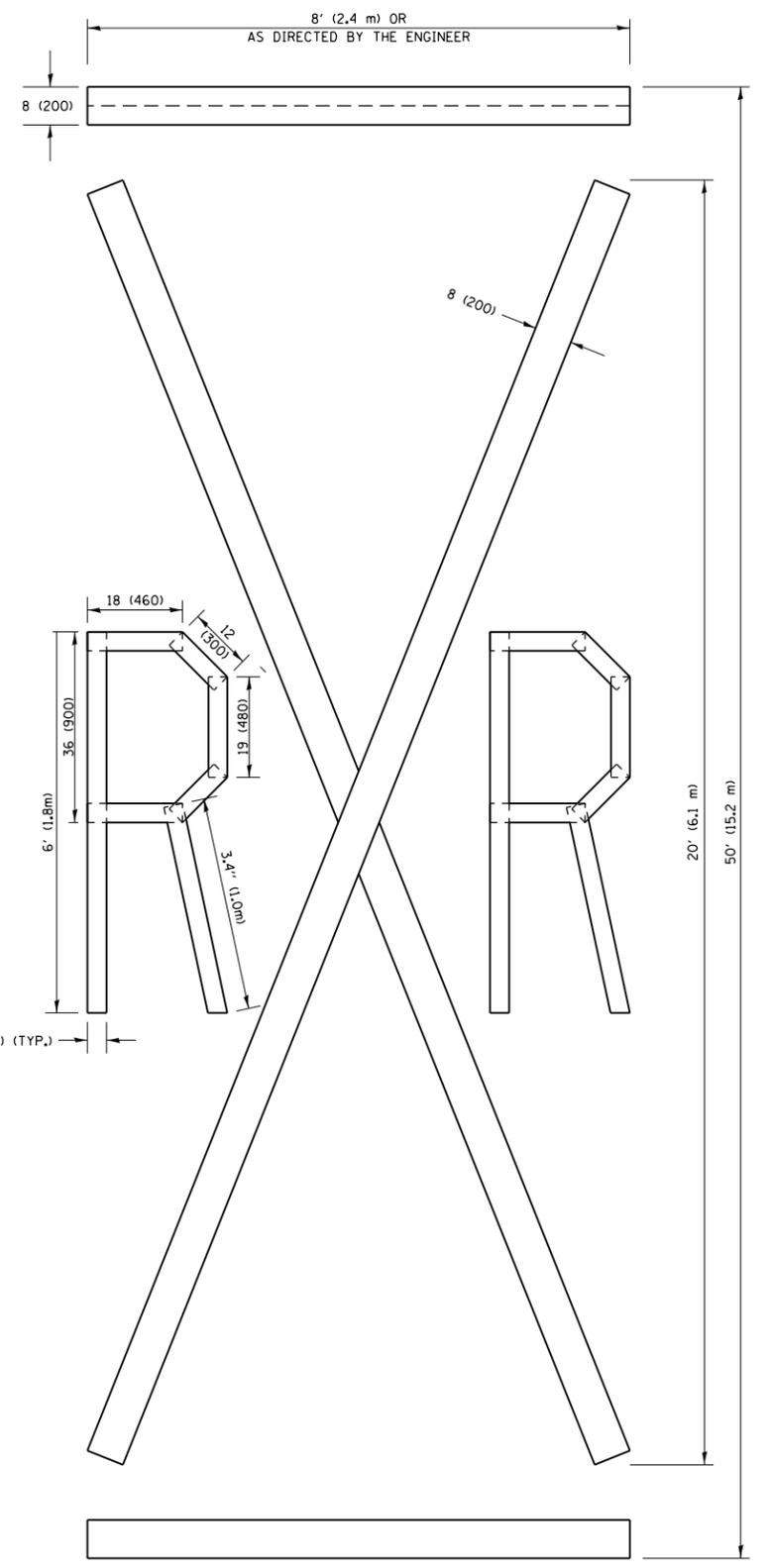


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



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)

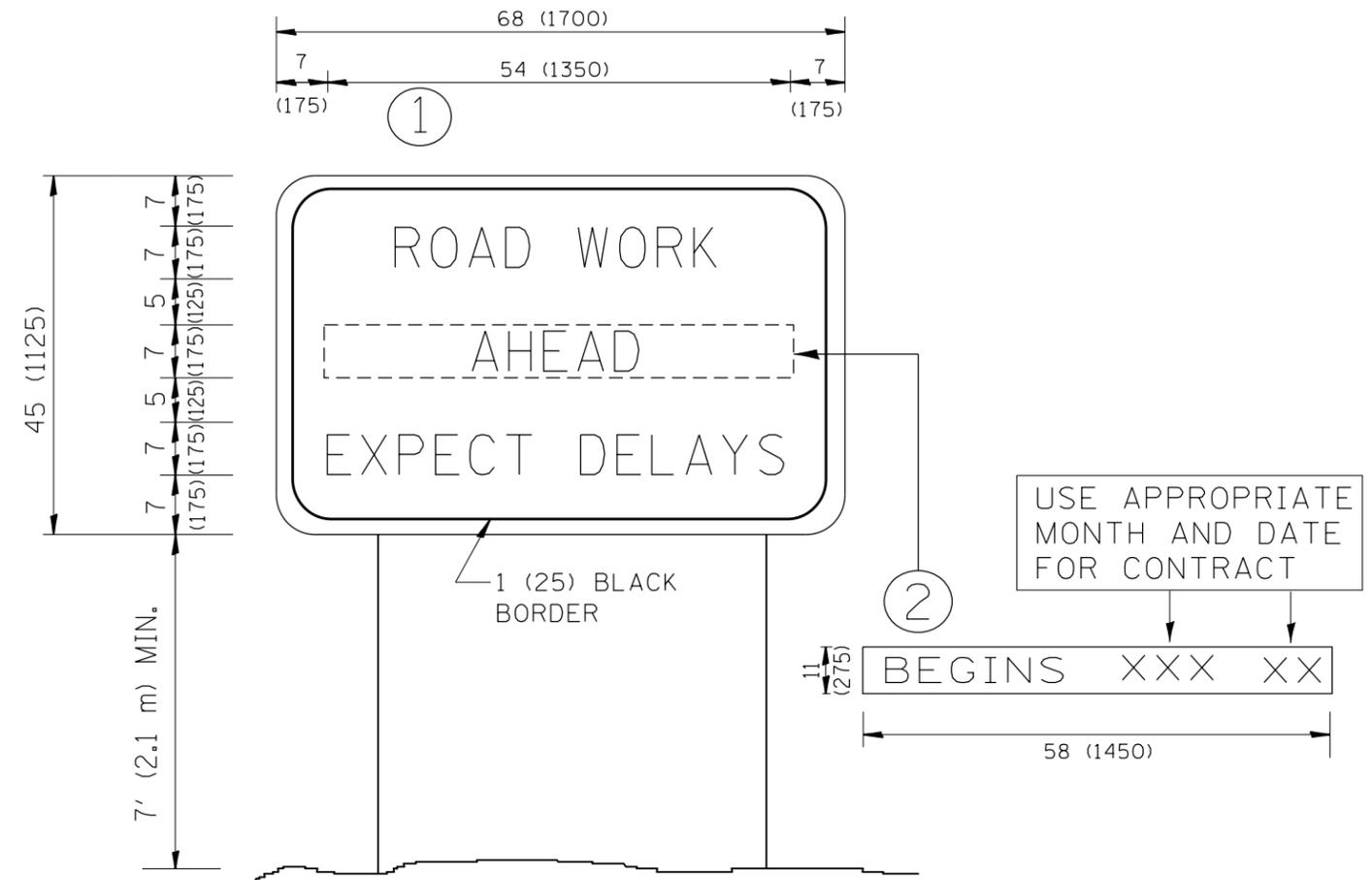
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = valledolidv	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
pw\11084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\0183\Drawings\Design\Diststd.dgn		CHECKED -	REVISED - E. GOMEZ 08-28-00
		DATE - 09-18-94	REVISED - E. GOMEZ 08-28-00
			REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	(119&105)RS-8	MCHENRY	45	43
TC-16		CONTRACT NO. 62D74		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

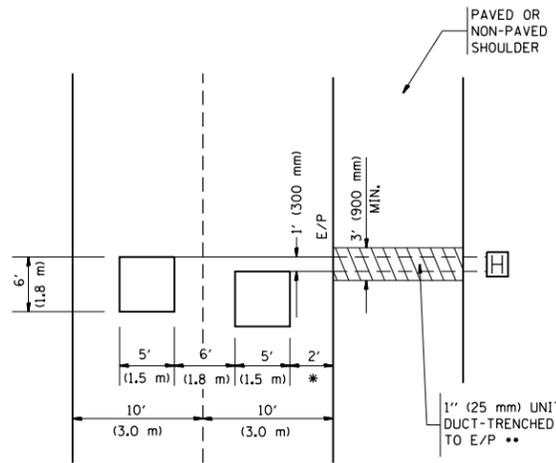
1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
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 =	USER NAME = valledolidv	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN	F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIDOT\Documents\DOT Offices\District 1\Projects\DI083\Drawings\Design\Diststd.dgn		REVISION	REVISED - R. MIRS 12-11-97			533	(119&105)RS-8	MCHENRY	45	44
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99			TC-22		CONTRACT NO. 62D74		
	PLOT DATE = 1/26/2018	DATE -	REVISED - C. JUCIUS 01-31-07			SCALE: NONE		SHEET NO. 1 OF 1 SHEETS		STA. TO STA.
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.



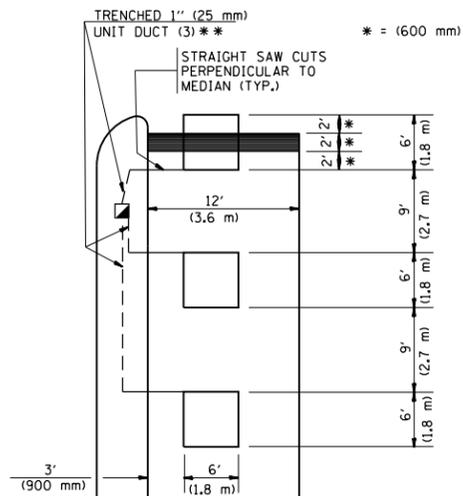
* = (600 mm)

** 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.

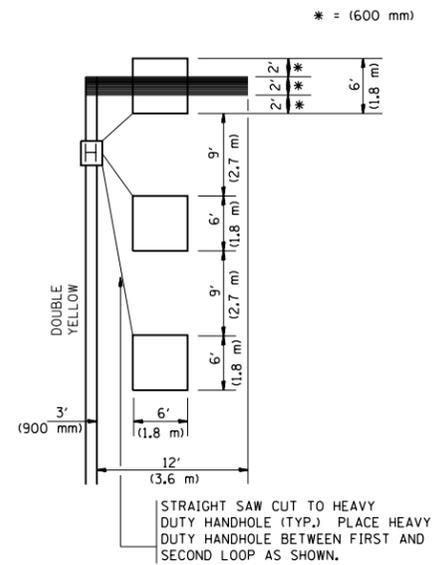


** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

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)



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

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 SEPARATELY. 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.

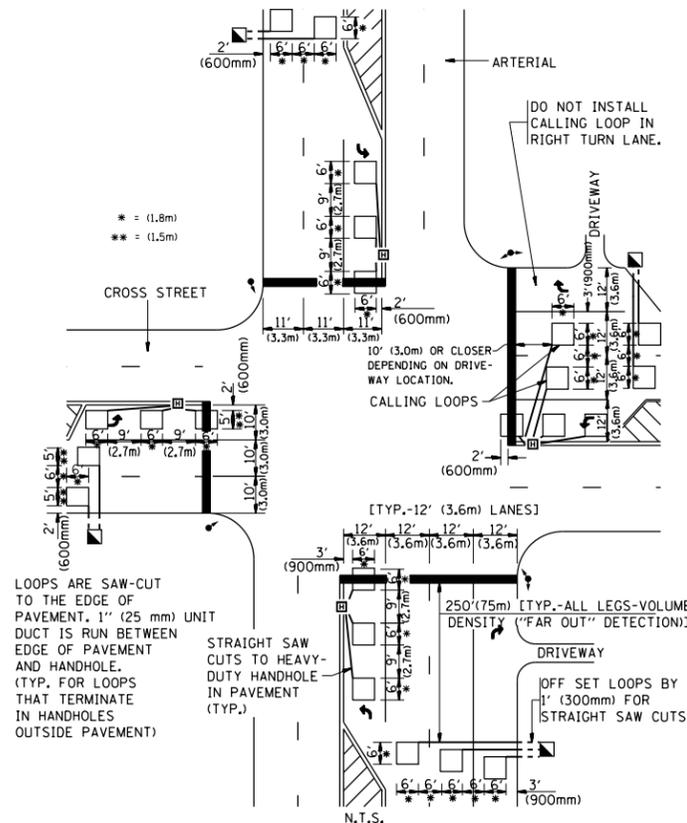
"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0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

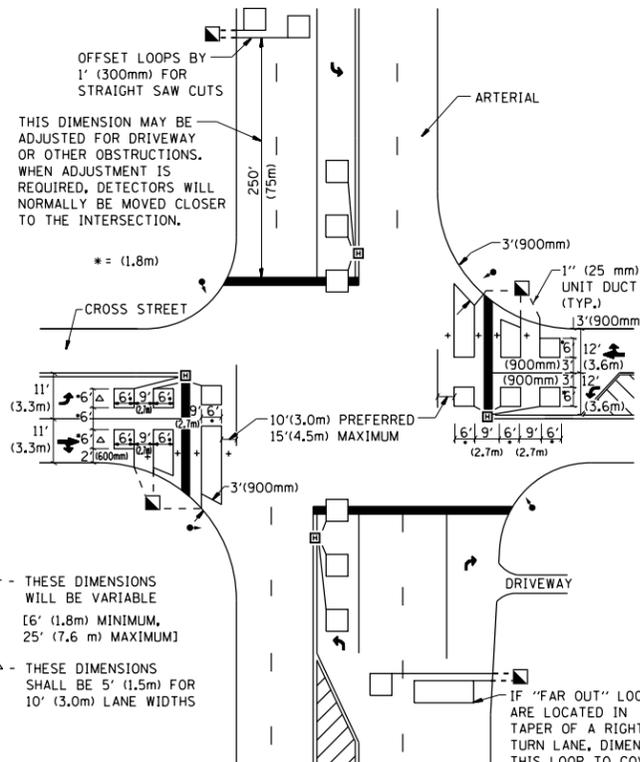
THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

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.

FILE NAME =	USER NAME = valledolidv	DESIGNED -	REVISED -
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PLOT SCALE = 100.0000' / 1"		CHECKED - R.K.F.	REVISED -
PLOT DATE = 1/26/2018		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.
533	(119&105)RS-8	MCHENRY	45	45
TS-07		CONTRACT NO. 62D74		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				