

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3882	20-00011-00-RS	MCHENRY	16	1
TZ8G(841)		ILLINOIS	CONTRACT NO. 61H04	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

04-23-2021 LETTING ITEM 014

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FOR INDEX OF HIGHWAY STANDARDS, SEE SHEET NO. 2

PROJECT LOCATED IN THE VILLAGE OF PRAIRIE GROVE

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FAU ROUTE 3882 (VALLEY VIEW ROAD)
VILLAGE LIMITS (SOUTH) TO NISH ROAD
OMISSION AT IL ROUTE 176
RESURFACING

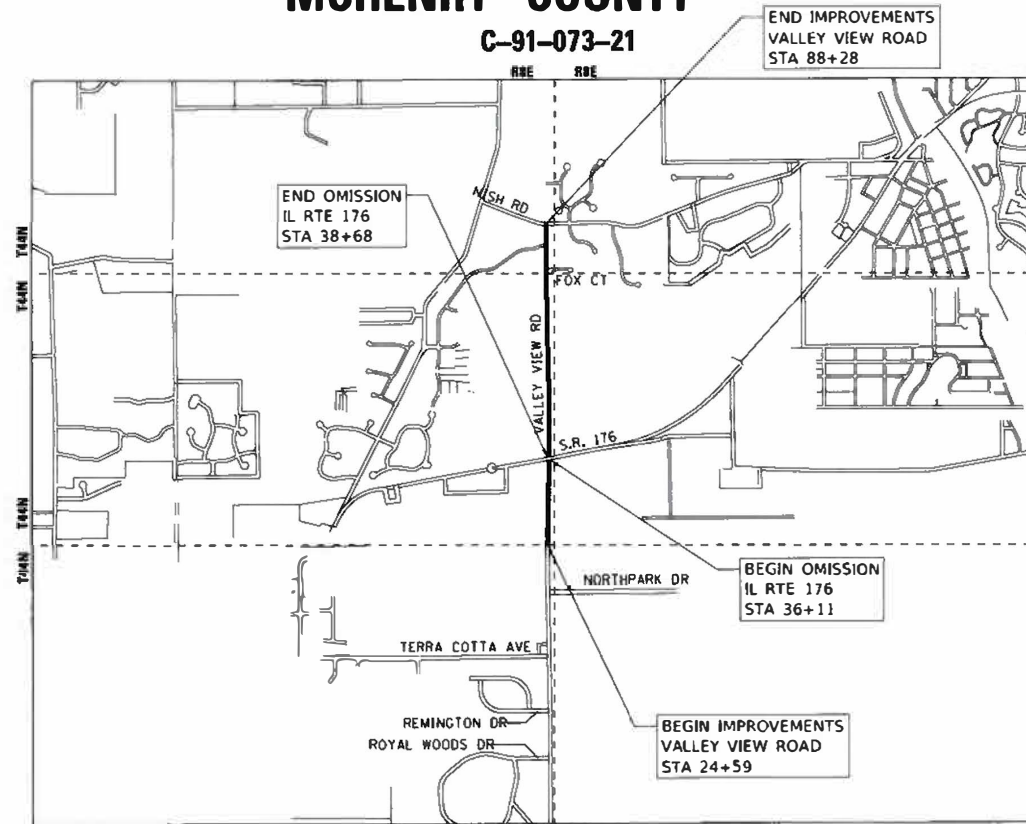
TRAFFIC DATA

VALLEY VIEW ROAD
POSTED SPEED LIMIT: 25-35 MPH
2013 ADT = 1,250-3,750

FUNCTIONAL CLASSIFICATION

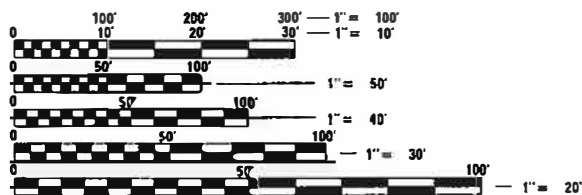
MAJOR COLLECTOR

SECTION: 20-00011-00-RS
PROJECT: TZ8G(841)
VILLAGE OF PRAIRIE GROVE
MCHENRY COUNTY



LOCATION MAP

GROSS LENGTH = 6,369 FT. = 1.21 MILE
NET LENGTH = 6,112 FT. = 1.16 MILE



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. DESIGN STAGE REQUEST
DIG. No. A0060417



CONTACT JULIE AT 811 OR 800-892-0123
WITH THE FOLLOWING:
COUNTY = MCHENRY
CITY-TOWNSHIP = VILLAGE OF PRAIRIE GROVE-TOWNSHIP 44 N
SEC. & 1/4 SEC. NO. = SECTION 23, 24, 25, AND 26
48 HOURS (2 working days) BEFORE YOU DIG

CONTRACT NO. 61H04

BAXTER & WOODMAN
Consulting Engineers



PROJECT MANAGER
"LICENSE EXPIRES 11-30-2021"

PROJECT ENGINEER

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
APPROVED	<i>[Signature]</i> 1/8/2021 VILLAGE OF PRAIRIE GROVE REPRESENTATIVE
PASSED	JAN 27 2021 <i>[Signature]</i> DISTRICT 1 ENGINEER OF ILLINOIS CALROADS & STREETS
RELEASING FOR BID BASED ON LIMITED REVIEW	JANUARY 27, 2021 <i>[Signature]</i> REGIONAL ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

B&W PROJECT NO.: 191082 DATE: 1-5-2021

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INDEX OF SHEETS

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- 2 INDEX OF SHEETS AND HIGHWAY STANDARDS
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- 13 BUTT JOINT AND HMA TAPER DETAILS (BD32)
- 14 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC10)
- 15 DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC13)
- 16 ARTERIAL ROAD INFORMATION SIGN (TC22)


HIGHWAY STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 442201-03 CLASS C & D PATCHES
- 701006-05 OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
- 701011-04 OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701311-03 LANE CLOSURE, 2L, 2W MOVING OPERATIONS-DAY ONLY
- 701901-08 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNT DETAILS
- 720006-04 SIGN PANEL ERECTION DETAILS
- 728001-01 TELESCOPING STEEL SIGN SUPPORT
- 731001-01 BASE FOR TELESCOPING STEEL SIGN SUPPORT
- 780001-05 TYPICAL PAVEMENT MARKINGS

DISTRICT DETAILS

- BD400-05 BUTT JOINT AND HMA TAPER DETAILS
- TC-10 TRAFFIC CONTROL & PROTECTION FOR SIDE ROADS, INTERSECTIONS, & DRIVEWAYS
- TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
- TC-22 ARTERIAL ROAD INFORMATION SIGN

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS AND HIGHWAY STANDARDS


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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3882	20-00011-00-R5	MCHENRY	16	2
CONTRACT NO. 61H04				
ILLINOIS FED. AID PROJECT T28G(841)				

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE DETAILS IN THE PLANS, THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS, AND THE FOLLOWING STATE OF ILLINOIS SPECIFICATIONS: THE 2016 VERSION OF "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (REFERRED TO AS THE "STANDARD SPECIFICATIONS"), THE 2021 VERSION OF THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", THE 2009 VERSION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", THE 2019 VERSION OF THE "MANUAL OF TEST PROCEDURES FOR MATERIALS" AND THE 8TH EDITION OF THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS".
2. UTILITY LOCATIONS HAVE NOT BEEN SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES, INCLUDING SPRINKLER SYSTEMS, EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. THE CONTRACTOR SHALL ALSO VERIFY THE DEPTHS OF THE EXISTING UTILITIES IF NECESSARY TO VERIFY THAT GRADE CONFLICTS WILL NOT OCCUR WITH ANY PROPOSED UTILITIES PRIOR TO CONSTRUCTION AND ORDERING ANY MATERIALS. ANY RELOCATION OR LOWERING OF UTILITIES SHALL BE COORDINATED BY THE CONTRACTOR.
3. THE CONTRACTOR SHALL NOTIFY THE VILLAGE PUBLIC WORKS ADMINISTRATOR AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK TO OBTAIN VILLAGE UTILITY LOCATIONS. JOSH SINGER, PHONE NUMBER: (815)382-8836.
4. THE CONTRACTOR MAY OBTAIN MUNICIPAL WATER IN BULK, AT NO CHARGE, AS LONG AS THERE IS NOT A "WATERING BAN" IN EFFECT. THE INDISCRIMINATE USE OF FIRE HYDRANTS IS STRICTLY PROHIBITED. WATER FOR CONSTRUCTION SHALL BE METERED OR OTHERWISE ACCOUNTED FOR AND A DAILY LOG MAINTAINED. THE CONTRACTOR SHALL PROVIDE THE WATER TRUCK AND DRIVER REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE VILLAGE RESERVES THE RIGHT TO RESTRICT OR REFUSE THE USE OF VILLAGE WATER IF DEEMED NECESSARY.
5. ACCESS TO PRIVATE DRIVEWAYS SHALL BE PROVIDED AT ALL TIMES EXCEPT DURING ACTUAL CONSTRUCTION ADJACENT THERE TO. TEMPORARY RAMPS SHALL BE CONSTRUCTED AS NEEDED TO PROVIDE SUCH ACCESS, UTILIZING CRUSHED STONE OR CRUSHED GRAVEL AS TEMPORARY ACCESS.
6. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER, RESIDENTS AND THE VILLAGE WHEN ACCESS TO DRIVEWAYS WILL BE TEMPORARILY CLOSED DUE TO CURB AND GUTTER AND/OR DRIVEWAY REPLACEMENT. THE CONTRACTOR SHALL DISTRIBUTE NOTICES PROVIDED BY THE VILLAGE TO RESIDENTS AT LEAST 24 HOURS PRIOR TO PLANNED CLOSURE. EVERY EFFORT SHALL BE MADE TO ACCOMMODATE ACCESS TO THESE PROPERTIES INCLUDING KNOCKING ON DOORS WHEN DRIVEWAYS ARE ABOUT TO BE CLOSED.
7. A 1/2-INCH THICK EXPANSION JOINT SHALL BE PROVIDED AT THE JUNCTION OF THE DRIVEWAY APRON AND CURB, AND AT THE JUNCTION OF THE DRIVEWAY APRON AND THE SIDEWALK.
8. THE CONTRACTOR SHALL CONTACT THE LOCAL AGENCY MATERIAL INSPECTOR AT LEAST 48 HOURS PRIOR TO ANY CONCRETE OR HOT-MIX ASPHALT MATERIAL DELIVERIES.
9. THE DAYS PAVING OPERATION SHOULD RESULT IN A SINGLE TRANSVERSE JOINT. ANY COLD LONGITUDINAL JOINTS WILL NOT BE ACCEPTED. PROVIDING A SINGLE TRANSVERSE JOINT SHALL BE ACCOMPLISHED BY PAVING ONE LANE OF SUFFICIENT LENGTH THAT WILL ALLOW FOR THE PAVING OF THE ADJACENT LANE IN THE SAME DAY.
10. ALL POSTS, RAILROAD TIES, AND DECORATIVE TIMBER IN CONFLICT WITH THE PROPOSED IMPROVEMENTS SHALL BE REMOVED AND RELOCATED AS DETERMINED BY THE ENGINEER AT THE TIME OF CONSTRUCTION. EVERY EFFORT SHALL BE MADE BY THE CONTRACTOR WHEN REMOVING THESE ITEMS TO PRESERVE THEM FROM HARM. ITEMS NOT RELOCATED SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR.
11. A PORTABLE BATHROOM(S) SHALL BE PLACED ON THE JOB SITE(S) AND RELOCATED WHEN NECESSARY SO IT IS ACCESSIBLE TO WORKERS. IF WORK IS OCCURRING AT SEVERAL LOCATIONS, ONE PORTABLE BATHROOM SHALL BE PLACED AT EACH LOCATION WITHIN A REASONABLE DISTANCE FROM THE WORK AS DETERMINED BY THE ENGINEER.
12. ON RURAL PAVEMENTS BEING RESURFACED THAT DO NOT HAVE A PAVED SHOULDER, MAILBOX TURNOUTS SHALL BE PROVIDED AT EACH EXISTING MAILBOX FOR THE FULL WIDTH OF THE SHOULDER UP TO 6 INCHES FROM THE FACE OF THE EXISTING MAILBOX. MAILBOX TURNOUTS SHALL BE AT LEAST 2 INCHES THICK.
13. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS, AND SHALL NOT EXCEED 1 INCH WHERE THE SPEED LIMIT IS OVER 45 MPH. A MAXIMUM GRADE DIFFERENCE OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM OF 1:3 (V:H), AS DETERMINED BY THE ENGINEER.

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3882	20-00011-00-R5	MCHENRY	16	3
				CONTRACT NO. 61H04
ILLINOIS FED. AID PROJECT T28G(841)				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% STU 20% VILLAGE	ROADWAY 0005 URBAN
* 20101400	NITROGEN FERTILIZER NUTRIENT	POUND	90	90	
* 20101500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	90	90	
* 20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	90	90	
* 20101700	SUPPLEMENTAL WATERING	UNIT	1	1	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	75	75	
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	972	972	
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2,714	2,714	
* 25000100	SEEDING, CLASS 2A	ACRE	1	1	
* 25100105	MULCH, METHOD 1	ACRE	1	1	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	100	100	
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	161	161	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	10,916	10,916	
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	2	2	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,867	1,867	
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75. N50	TON	930	930	

* INDICATES SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% STU 20% VILLAGE	ROADWAY 0005 URBAN
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	1,721	1,721	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	72	72	
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	618	618	
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	16,171	16,171	
44201713	CLASS D PATCHES, TYPE I, 6"	SQ YD	162	162	
44201717	CLASS D PATCHES, TYPE II, 6"	SQ YD	324	324	
44201721	CLASS D PATCHES, TYPE III, 6"	SQ YD	486	486	
44201723	CLASS D PATCHES, TYPE IV, 6"	SQ YD	971	971	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	112	112	
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	75	75	
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1	
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1	
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1	
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	5	5	
67100100	MOBILIZATION	LSUM	1	1	

* INDICATES SPECIALTY ITEM



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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3882	20-00011-00-RS	MCHENRY	16	4
CONTRACT NO. 61H04			ILLINOIS FED. AID PROJECT T28G(841)	

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

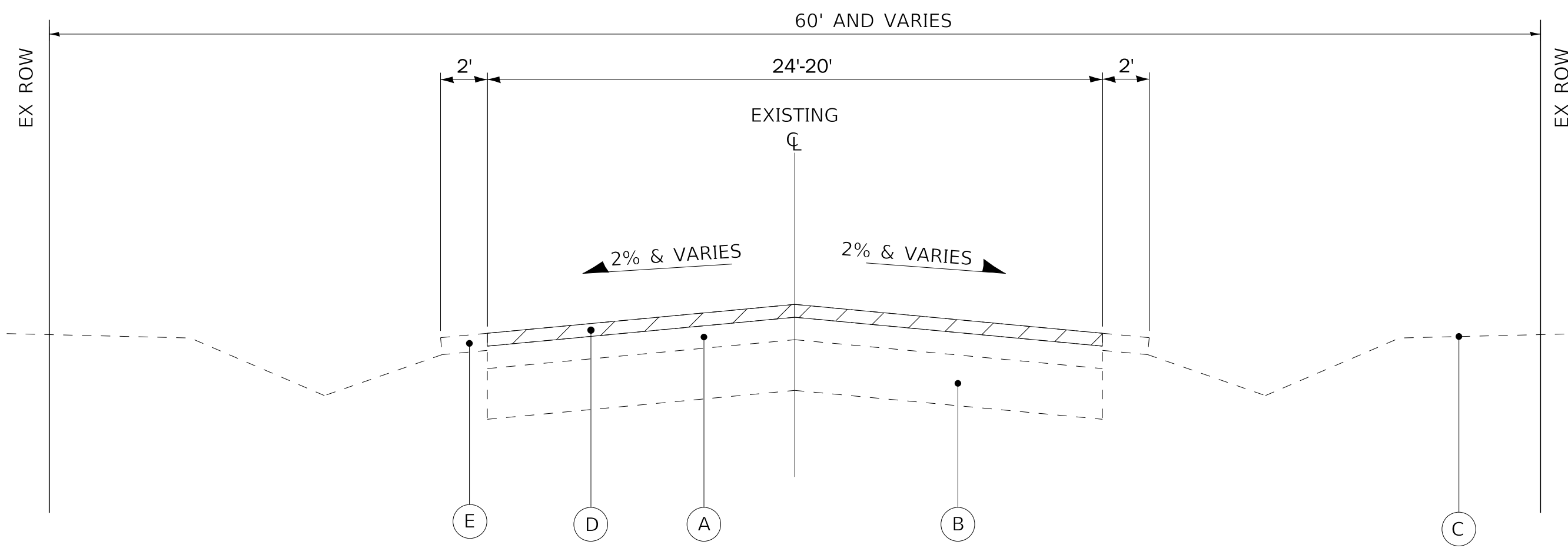
SUMMARY OF QUANTITIES

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F A RTE. 3882	SECTION 20 00011-00-RS	COUNTY MCHENRY	TOTAL SHEETS 16	SHEET NO. 5
CONTRACT NO. 61H04			ILLINOIS FED. AID PROJECT T28G(841)	

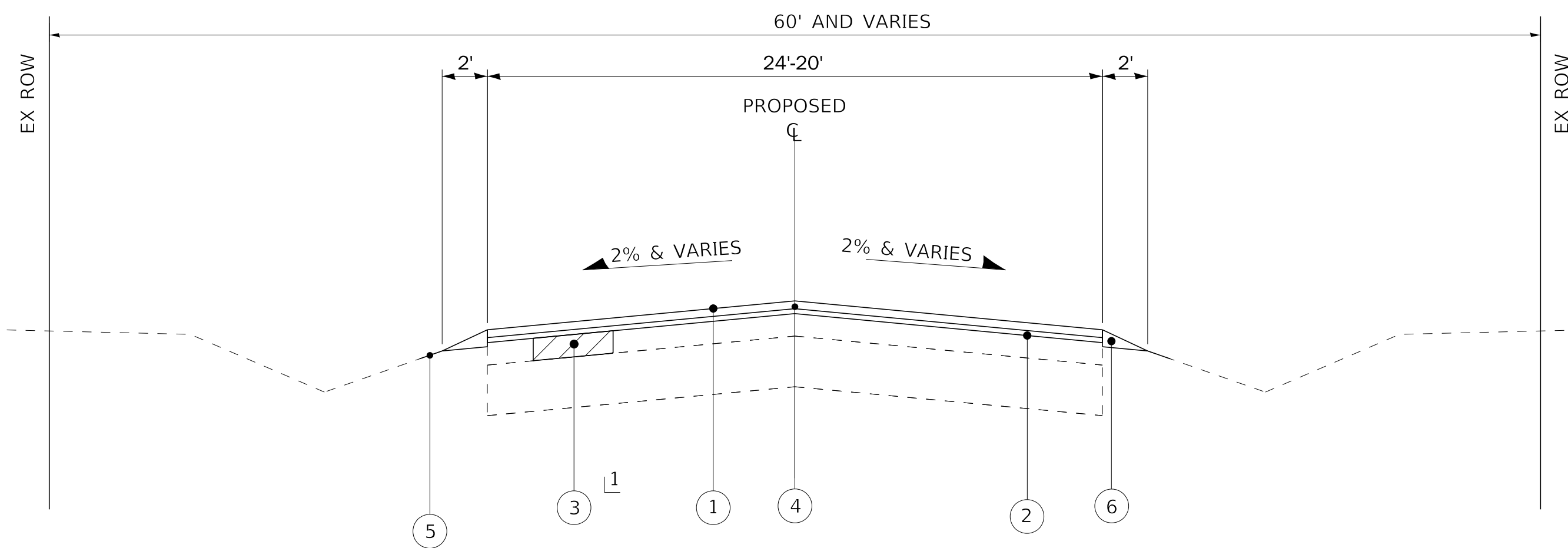
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				80% STU 20% VILLAGE ROADWAY 0005 URBAN
70102620	TRAFFIC CONTROL AND PROTECTION STANDARD 701501	LSUM	1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	3,900	3,900
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1,300	1,300
* 72000100	SIGN PANEL - TYPE 1	SQ FT	93	93
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	3	3
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	1	1
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	192	192
* 78000200	THERMOPLASTIC PAVEMENT MARKING, LINE - 4"	FOOT	4,620	4,620
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	25	25
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	4	4
X4023000	TEMPORARY ACCESS (ROAD)	EACH	6	6
Z0019600	DUST CONTROL WATERING	UNIT	2	2
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	155	155
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	6.105	6.105

* INDICATES SPECIALTY ITEM



EXISTING TYPICAL SECTION

VALLEY VIEW ROAD
 STA 24+59 TO STA 36+11
 STA 38+68 TO STA 88+28



PROPOSED TYPICAL SECTION

VALLEY VIEW ROAD
 STA 24+59 TO STA 36+11
 STA 38+68 TO STA 88+28

1 AS DETERMINED BY ENGINEER

EXISTING LEGEND

- (A) EXISTING HMA BINDER & SURFACE COURSE, 5 3/4" - 7 3/4"
- (B) EXISTING AGGREGATE BASE COURSE, 6.25"-16.5"
- (C) GROUND SURFACE
- (D) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- (E) EXISTING AGGREGATE SHOULDER
- [Hatched Box] REMOVAL ITEM

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 - 1 3/4"
- (2) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 3/4"
- (3) CLASS D PATCHES
- (4) LONGITUDINAL JOINT SEALANT
- (5) SEEDING, CLASS 2A
- (6) AGGREGATE WEDGE SHOULDER, TYPE B

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes
PAVEMENT RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1 3/4"	4% @ 50 Gyr.
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50; 3/4"	3.5% @ 50 Gyr.
DRIVEWAYS	
INCIDENTAL HOT-MIX ASPHALT SURFACING (HMA SURFACE COURSE, IL-9.5, MIX D, N50; 2")	4% @ 50 Gyr.
PATCHING	
CLASS D PATCHES (HMA BINDER IL-19.0mm)	4% @ 70 Gyr.

NOTES:

- THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
- THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY SPECIAL PROVISIONS.
- FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.
- THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLYMERIZED HMA BINDER

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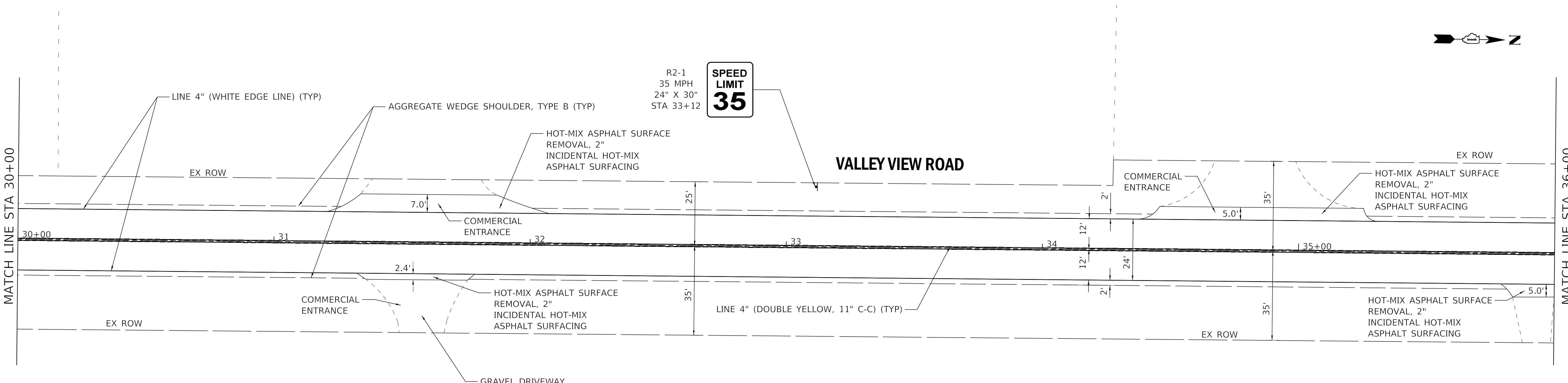
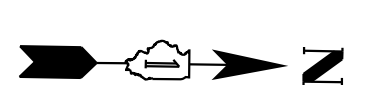
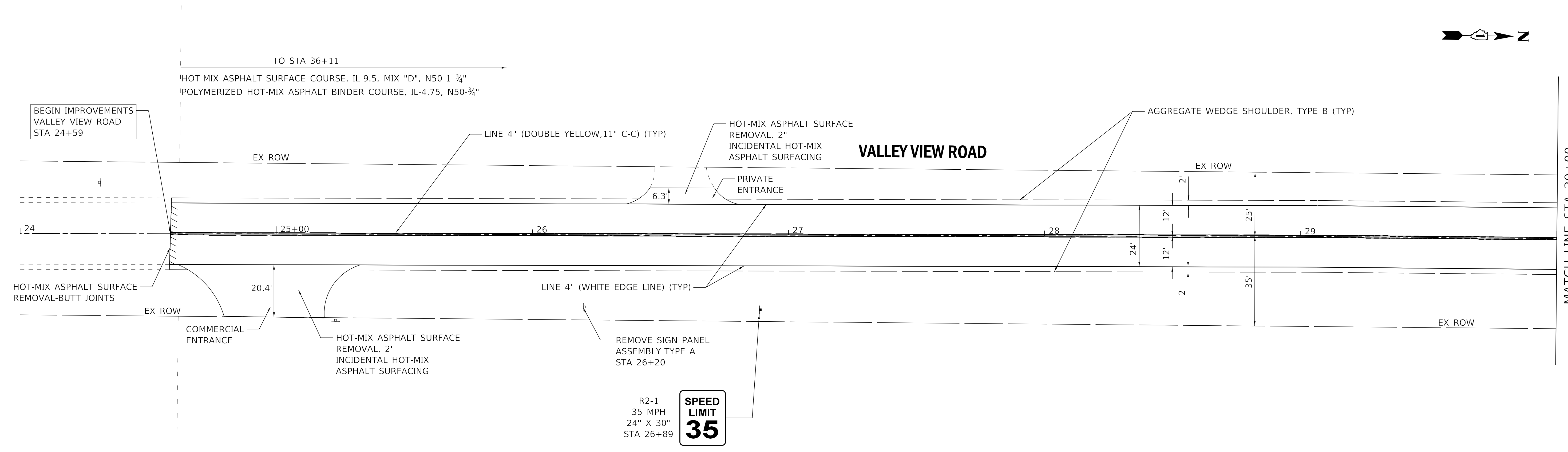
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3882	20-00011-00-R5	MCHENRY	16	6
				CONTRACT NO. 61H04
ILLINOIS FED. AID PROJECT T28G(841)				



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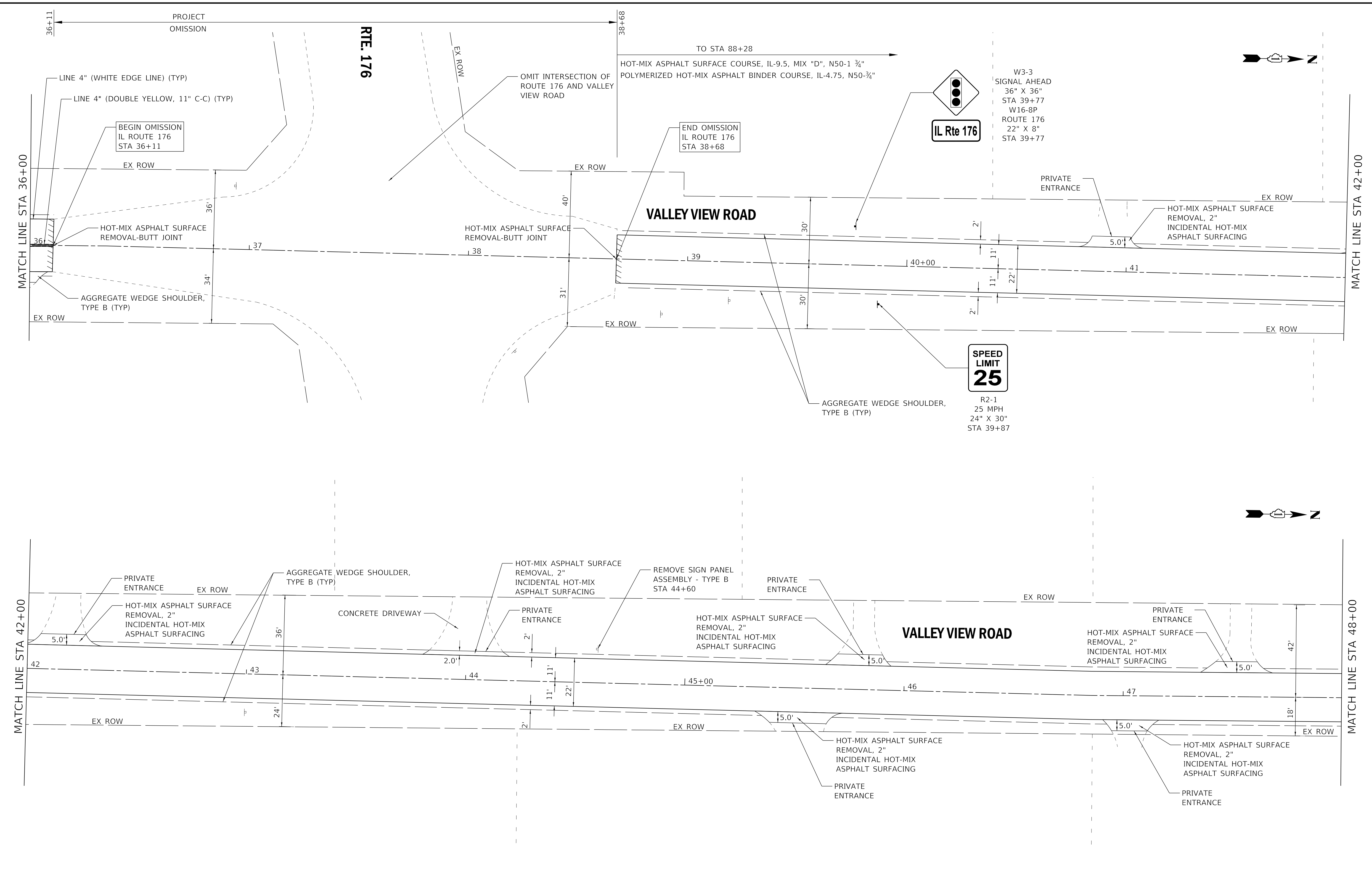
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN - VALLEY VIEW ROAD		
SCALE: 1" = 20'	SHEET 1 OF 6 SHEETS	STA. 24+00 TO STA. 36+00

F.A. RTE. 3882	SECTION 20-00011-00-R5	COUNTY MCHENRY	TOTAL SHEETS 16	SHEET NO. 7
CONTRACT NO. 61H04			ILLINOIS FED. AID PROJECT T28G(841)	

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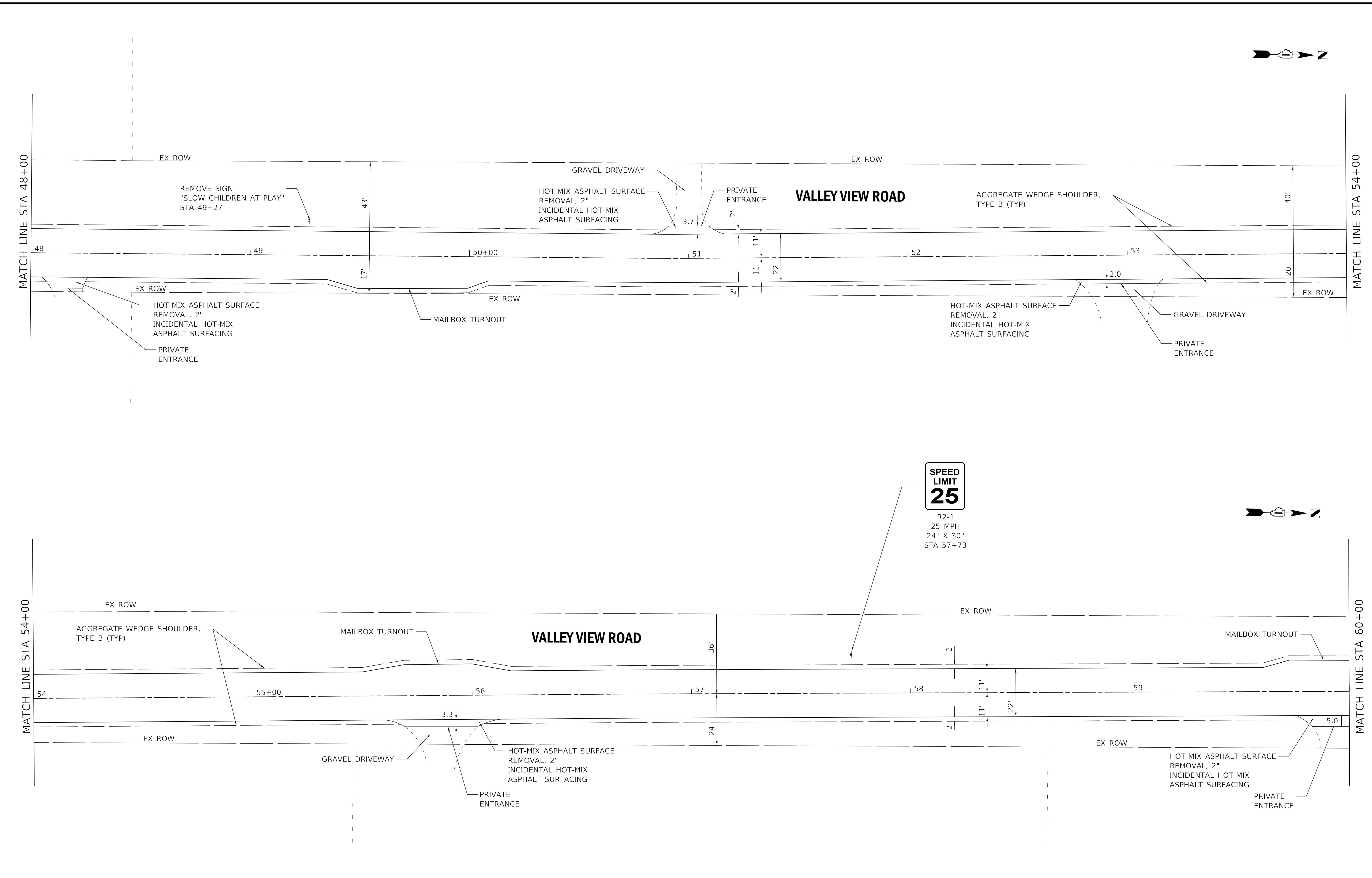
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN - VALLEY VIEW ROAD
 SCALE: 1" = 20'
 SHEET 2 OF 6 SHEETS
 STA. 36+00 TO STA. 48+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3882	20-00011-00-R5	MCHENRY	16	8
CONTRACT NO. 61H04				
ILLINOIS FED. AID PROJECT T28G(841)				

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SPEED LIMIT 25
 R2-1
 25 MPH
 24" X 30"
 STA 57+73



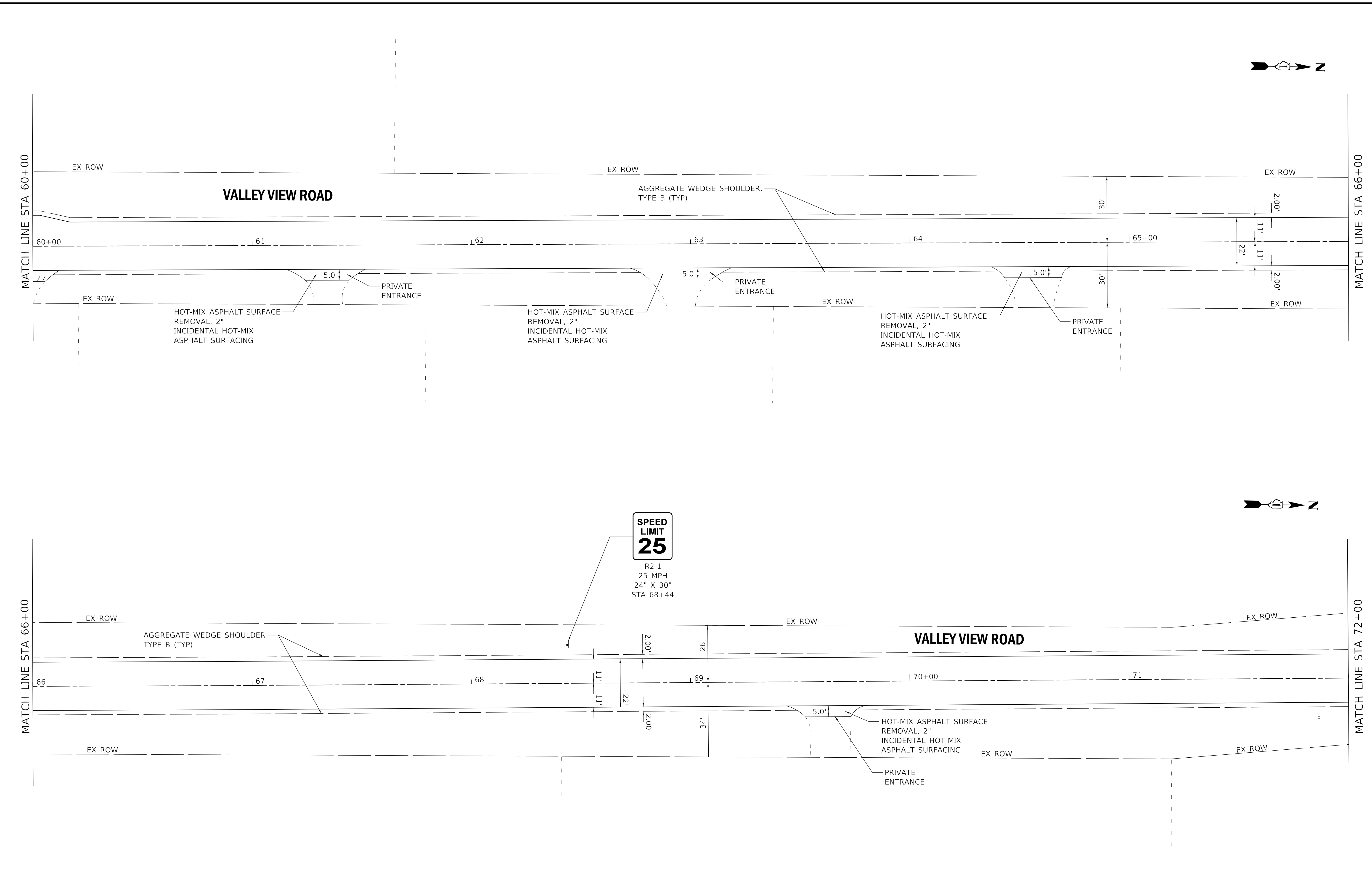
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PLOT DATE = 2/12/2021	DATE - 2-12-2021	FILE - 191082SHT-Plan03.dgn

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN - VALLEY VIEW ROAD
 SCALE: 1" = 20'
 SHEET 3 OF 6 SHEETS
 STA. 48+00 TO STA. 60+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3882	20-00011-00-R5	MCHENRY	16	9
CONTRACT NO. 61H04				
ILLINOIS FED. AID PROJECT T28G(841)				

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2021
 morning
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BAXTER & WOODMAN Consulting Engineers	USER NAME = morning	DESIGNED -	REVISED -
	PLOT SCALE = 20.0000' / in.	DRAWN - MJO	REVISED -
	PLOT DATE = 2/12/2021	CHECKED -	REVISED -
		DATE - 2-12-2021	FILE - 191082SHT-Plan04.dgn

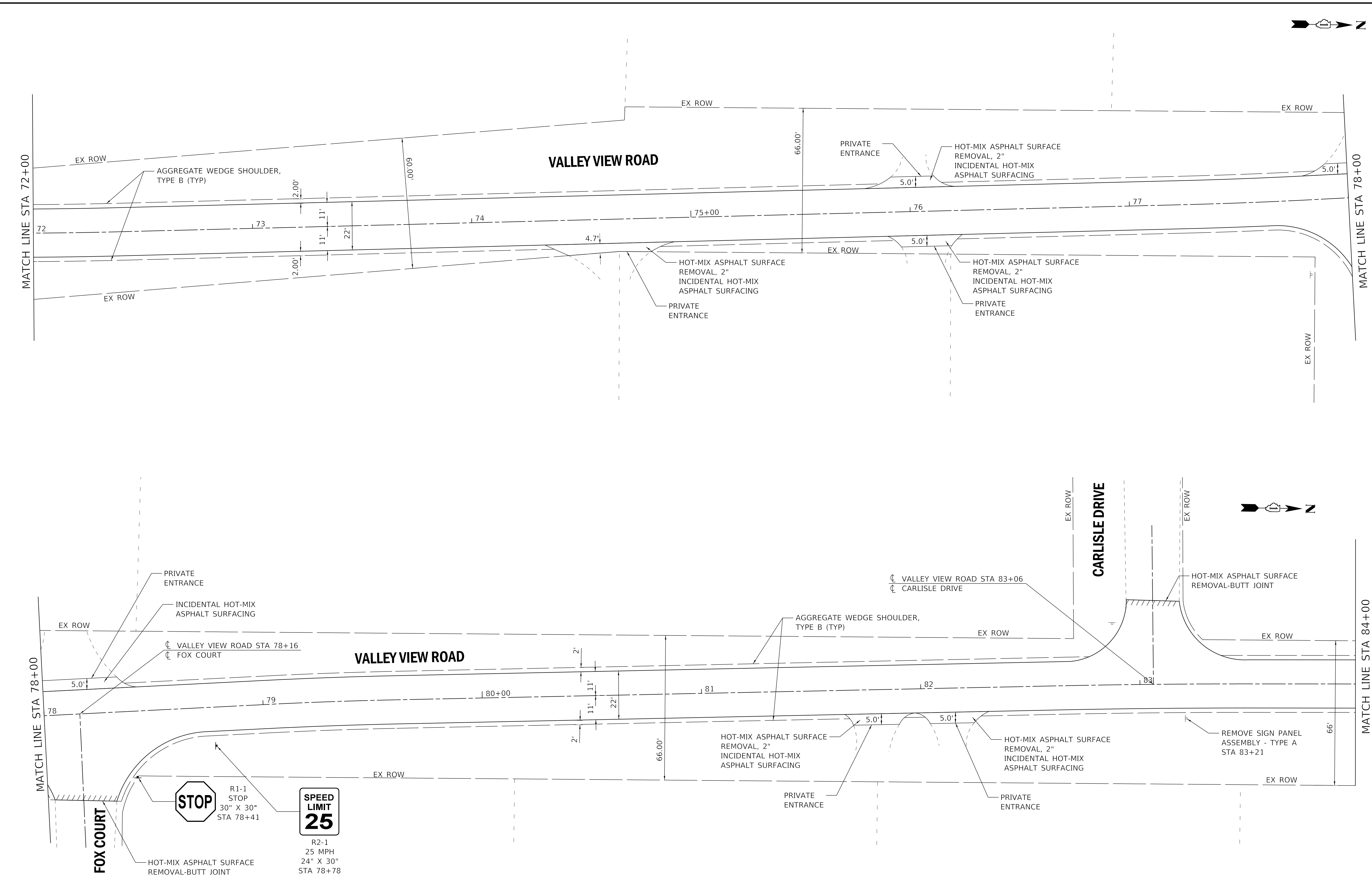
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN - VALLEY VIEW ROAD

SCALE: 1" = 20' SHEET 4 OF 6 SHEETS STA. 60+00 TO STA. 72+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3882	20-00011-00-RS	MCHENRY	16	10
CONTRACT NO. 61H04				
ILLINOIS FED. AID PROJECT T28G(841)				

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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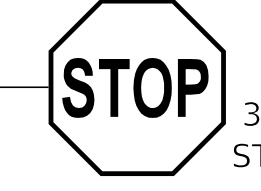


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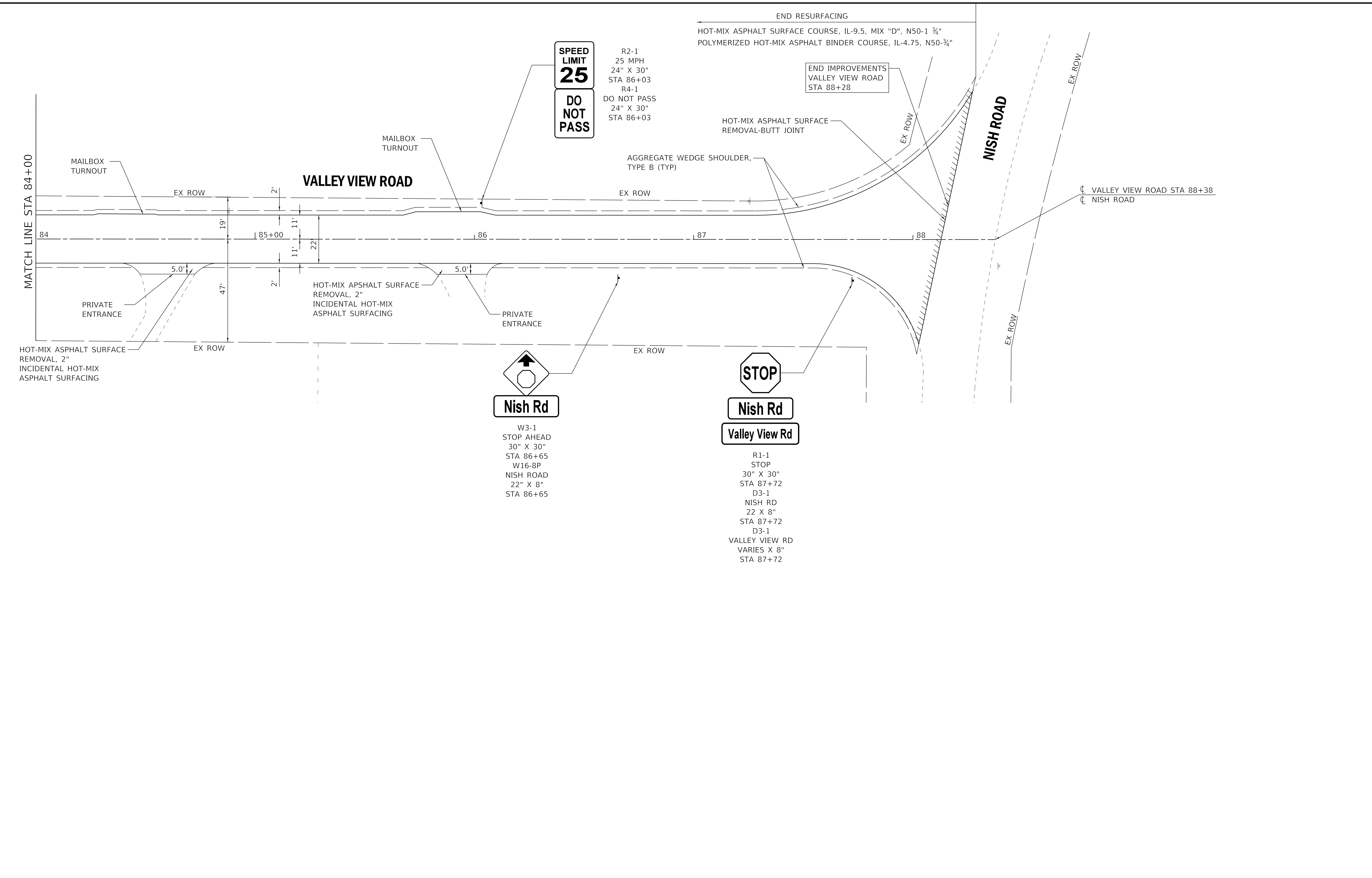
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN - VALLEY VIEW ROAD
 SCALE: 1" = 20'
 SHEET 5 OF 6 SHEETS
 STA. 72+00 TO STA. 84+00

F.A. RTE. 3882	SECTION 20-00011-00-R5	COUNTY MCHENRY	TOTAL SHEETS 16	SHEET NO. 11
CONTRACT NO. 61H04				
ILLINOIS FED. AID PROJECT T28G(841)				



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2021
 morning 2/12/2021 8:50:14 AM
 FILE NAME: I:\Crystal Lake\PRAGV\191082-Valley View Ph 1\ICAD\Sheets\191082SHT-Plan06.dgn



SPEED LIMIT 25
DO NOT PASS

R2-1
 25 MPH
 24" X 30"
 STA 86+03

R4-1
 DO NOT PASS
 24" X 30"
 STA 86+03

END RESURFACING
 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50-1 3/4"
 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50-3/4"

END IMPROVEMENTS
 VALLEY VIEW ROAD
 STA 88+28

Nish Rd

W3-1
 STOP AHEAD
 30" X 30"
 STA 86+65
 W16-8P
 NISH ROAD
 22" X 8"
 STA 86+65

STOP

Nish Rd

Valley View Rd

R1-1
 STOP
 30" X 30"
 STA 87+72
 D3-1
 NISH RD
 22" X 8"
 STA 87+72
 D3-1
 VALLEY VIEW RD
 VARIES X 8"
 STA 87+72



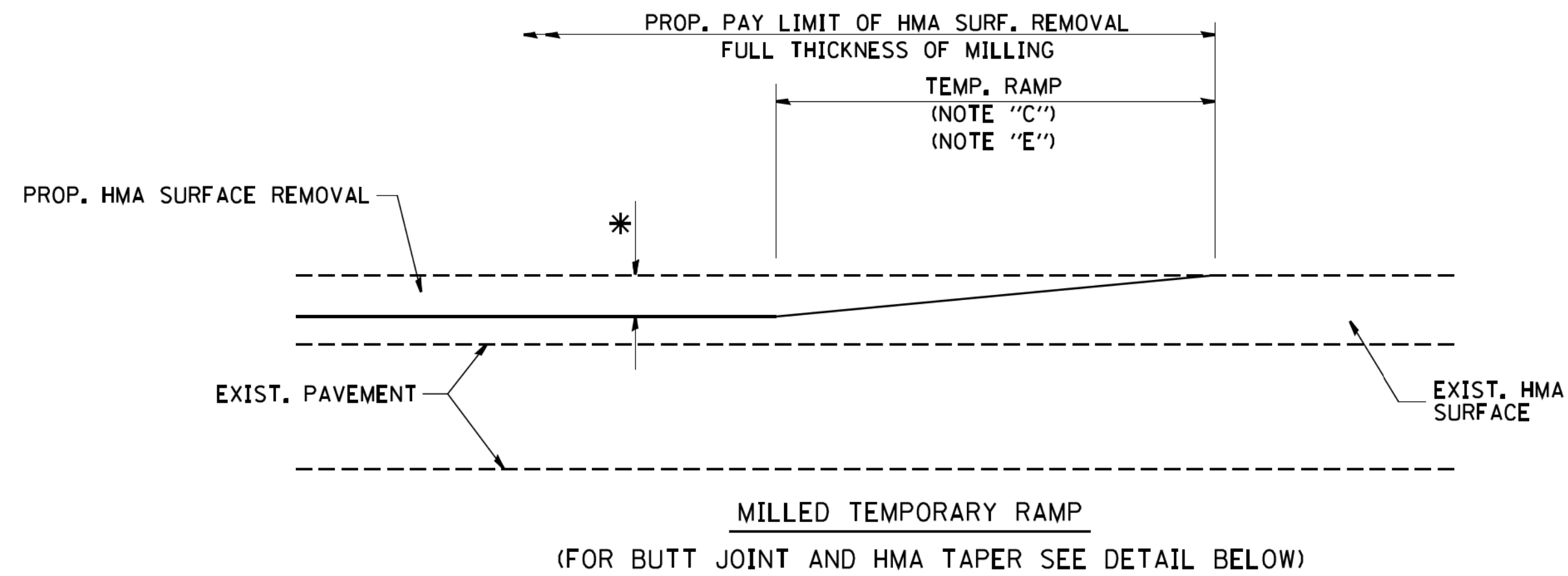
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN - VALLEY VIEW ROAD

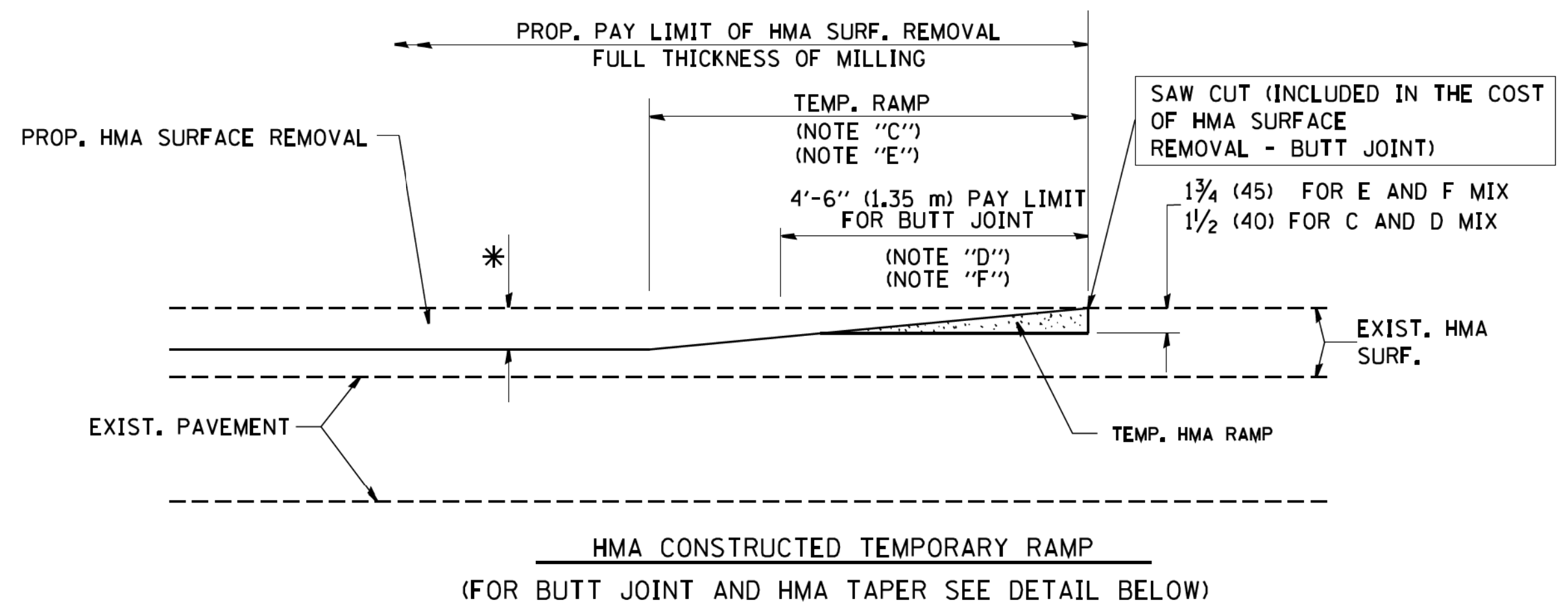
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3882	20-00011-00-RS	MCHENRY	16	12
CONTRACT NO. 61H04			ILLINOIS FED. AID PROJECT T28G(841)	



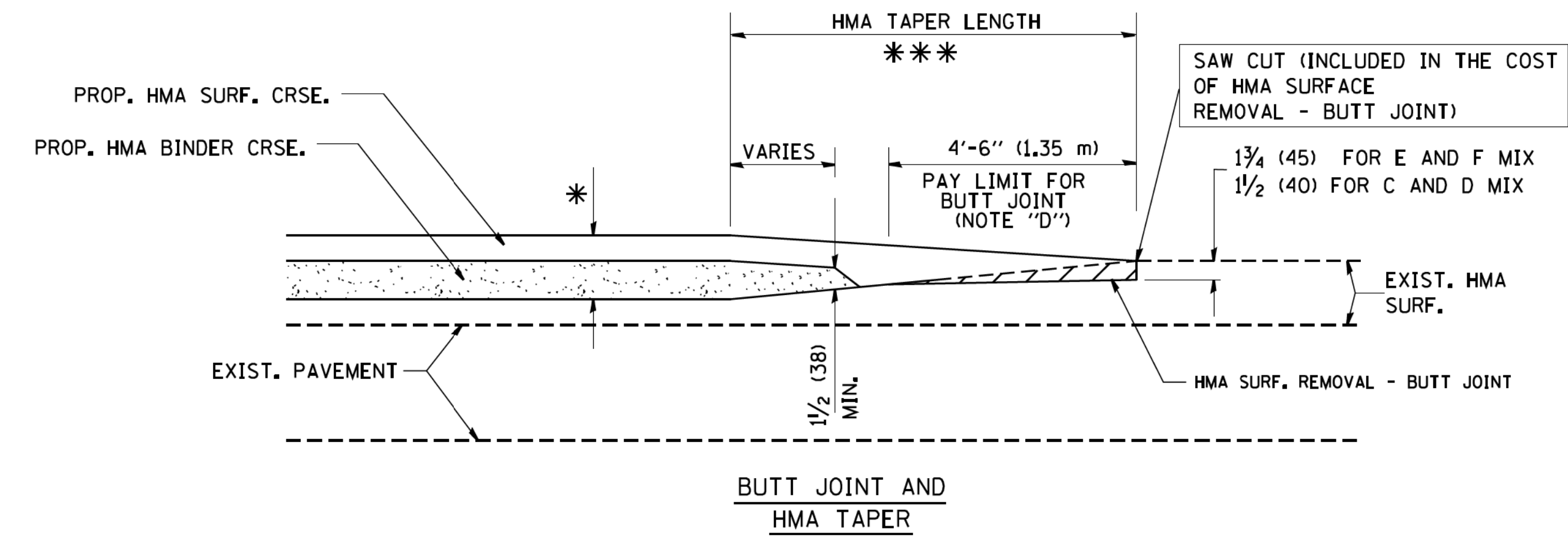
MILLED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

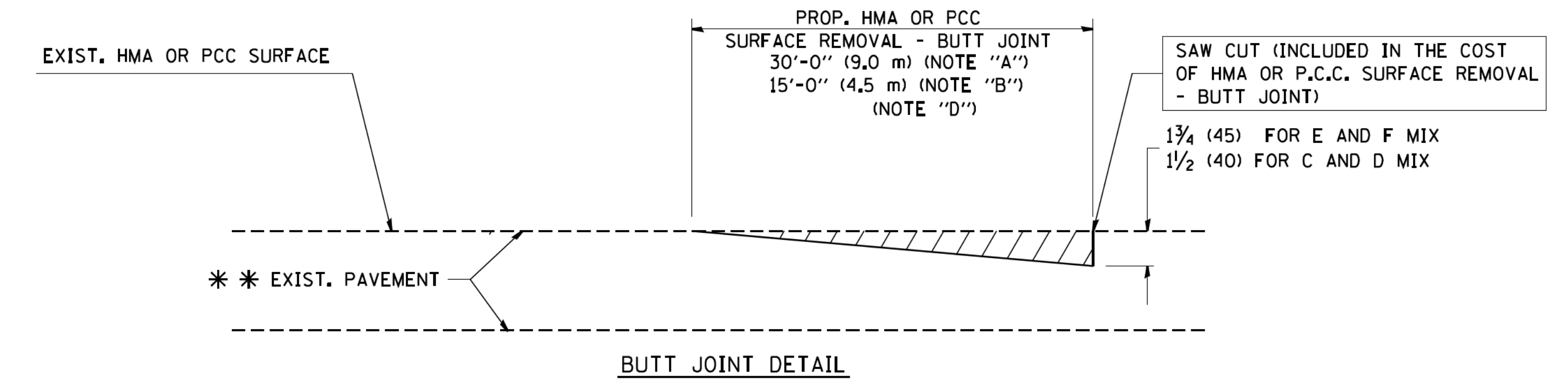


HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

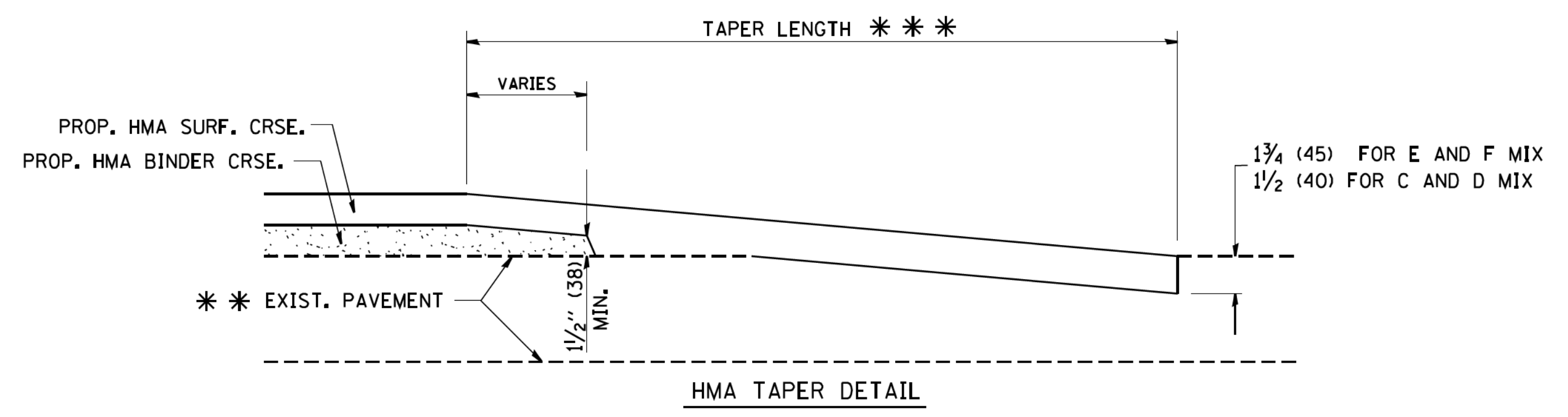
OPTION 2
TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER
FOR MILLING AND RESURFACING



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.

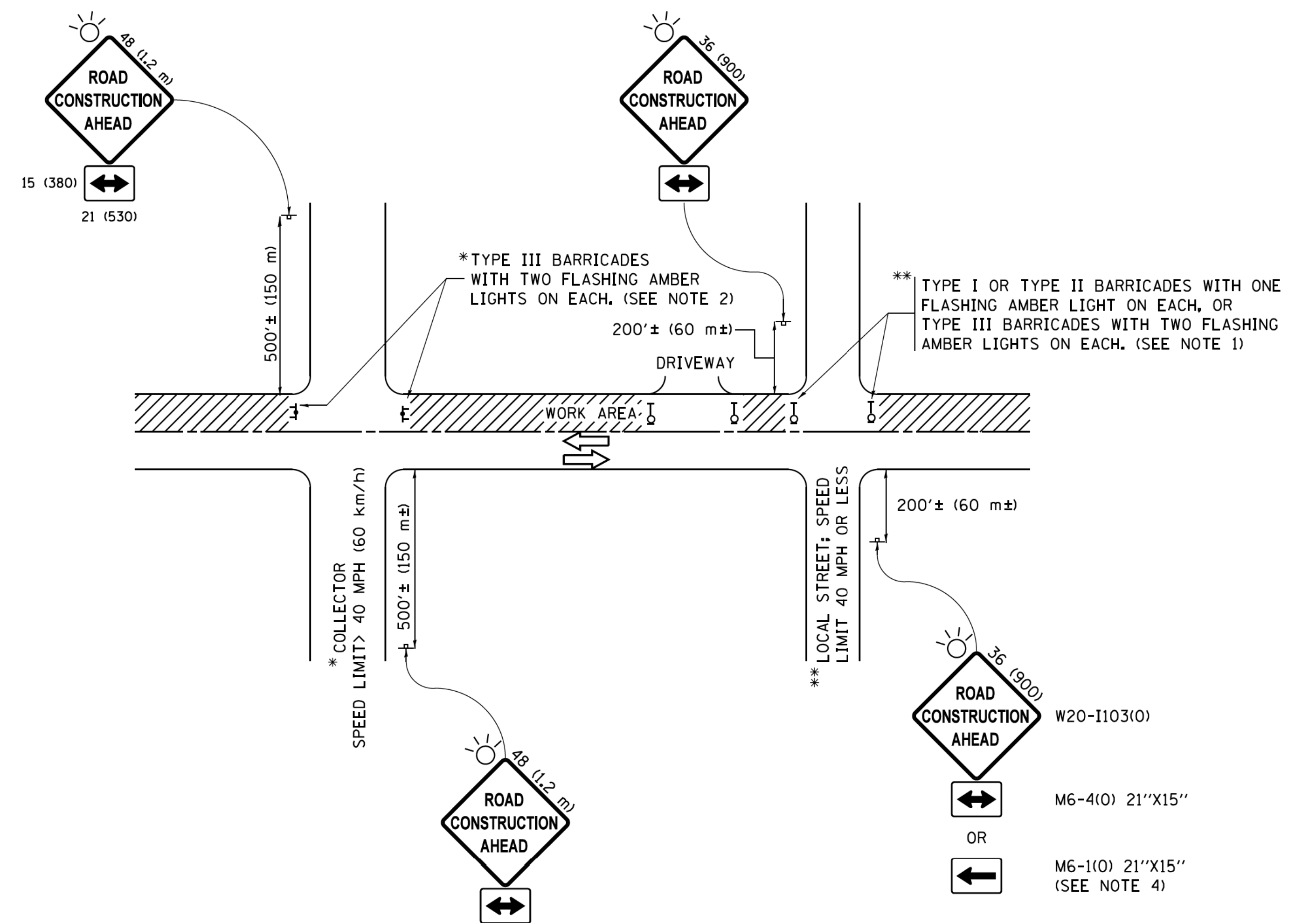
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FILE NAME =	USER NAME = geglano	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
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	PLOT SCALE = 50.0000' / 1" IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - 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. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3882	20-00011-00-RS	MCHENRY	16	13
BD400-05 BD32		CONTRACT NO. 61H04		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT T28G(841)				



NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

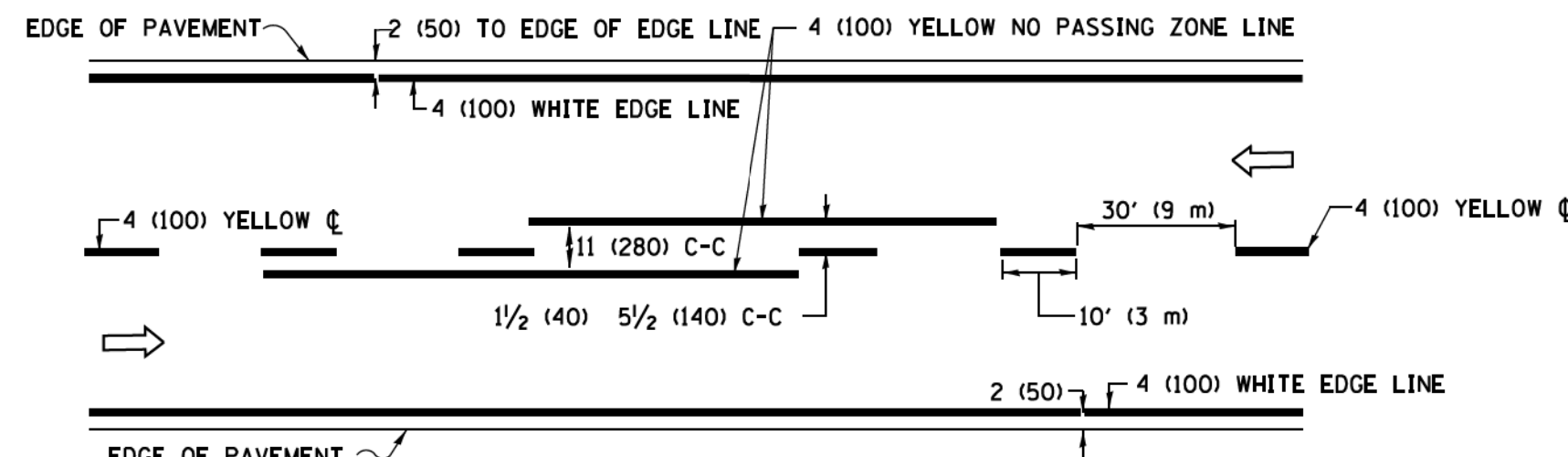
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FILE NAME =	USER NAME = footemj	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
Default		CHECKED -	REVISED - T. RAMMACHER 01-06-00
	PLOT SCALE = 50.000' / 1" =	DATE - 06-89	REVISED - A. SCHUETZE 07-01-13
	PLOT DATE = 9/15/2016		REVISED - A. SCHUETZE 09-15-16

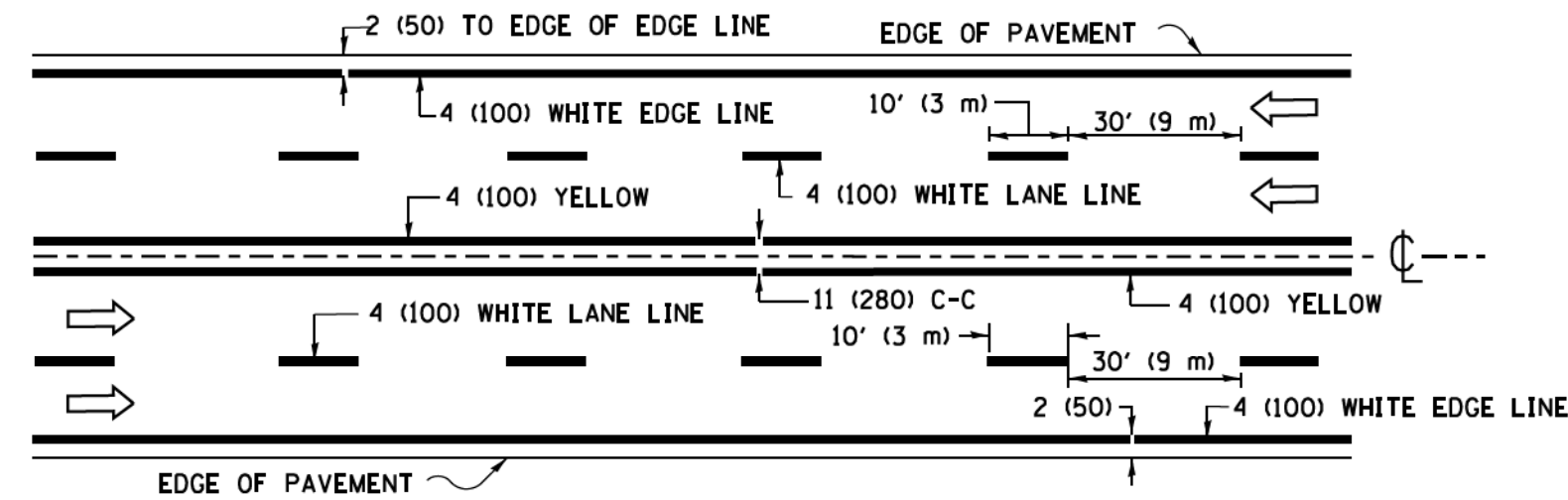
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

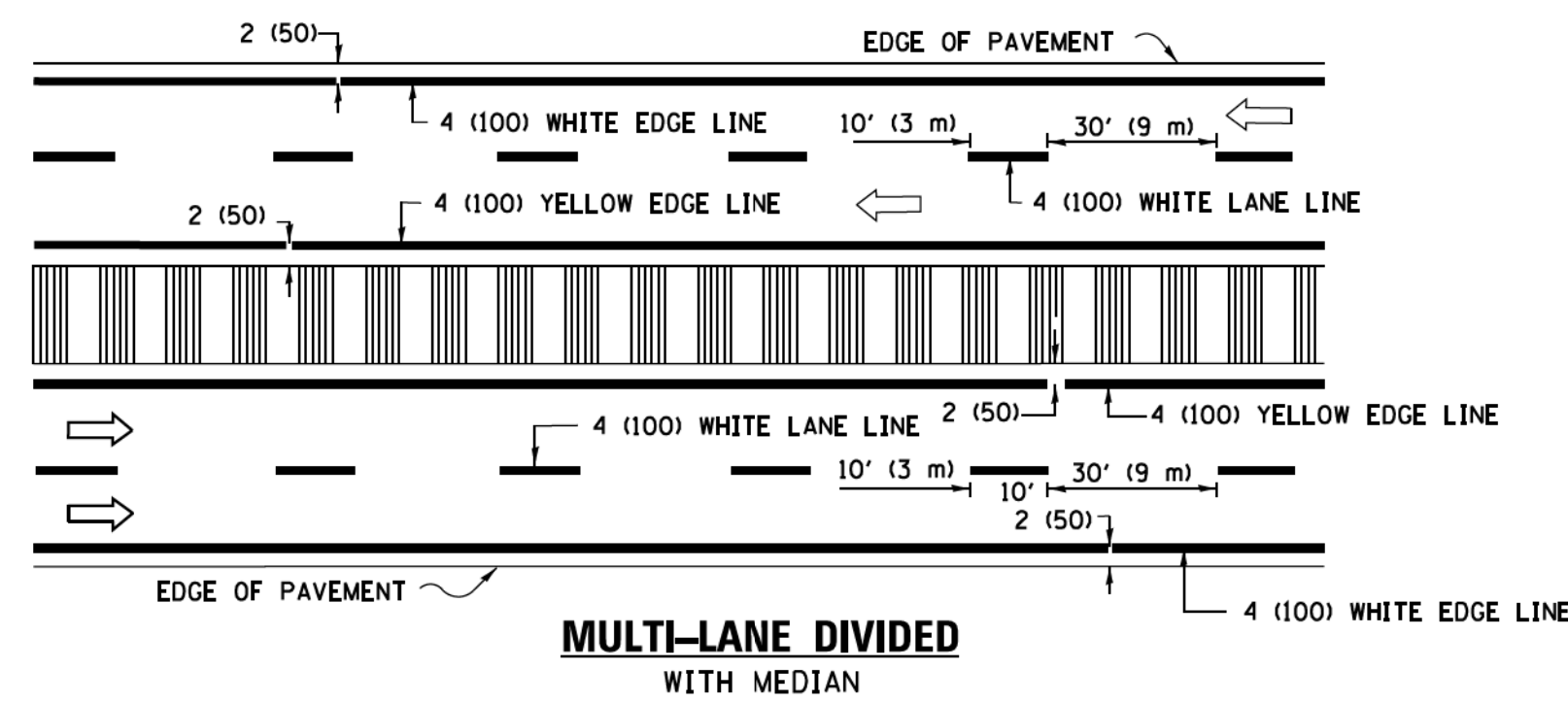
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3882	20-00011-00-RS	MCHENRY	16	14
TC-10		CONTRACT NO. 61H04		
ILLINOIS FED. AID PROJECT T28G(841)				



2-LANE ROADWAY

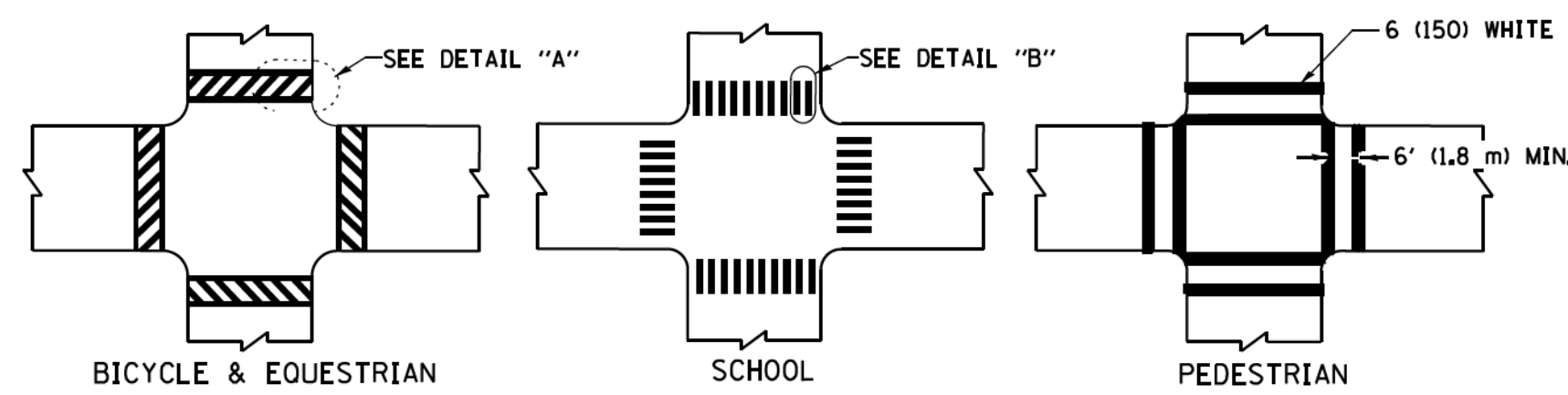


MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

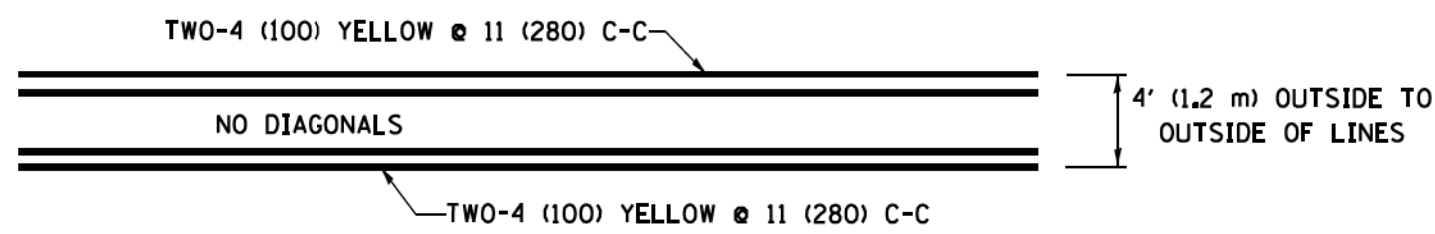


DETAIL "A"

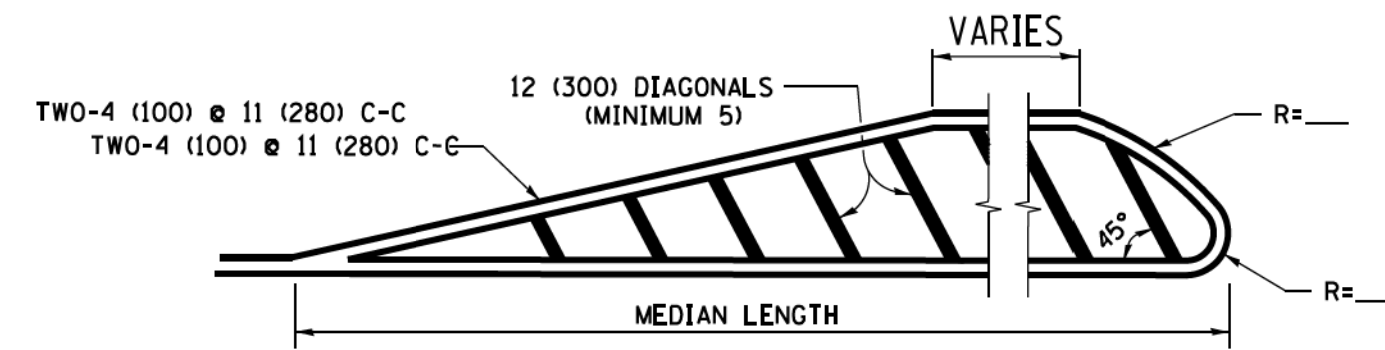
DETAIL "B"

TYPICAL CROSSWALK MARKING

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



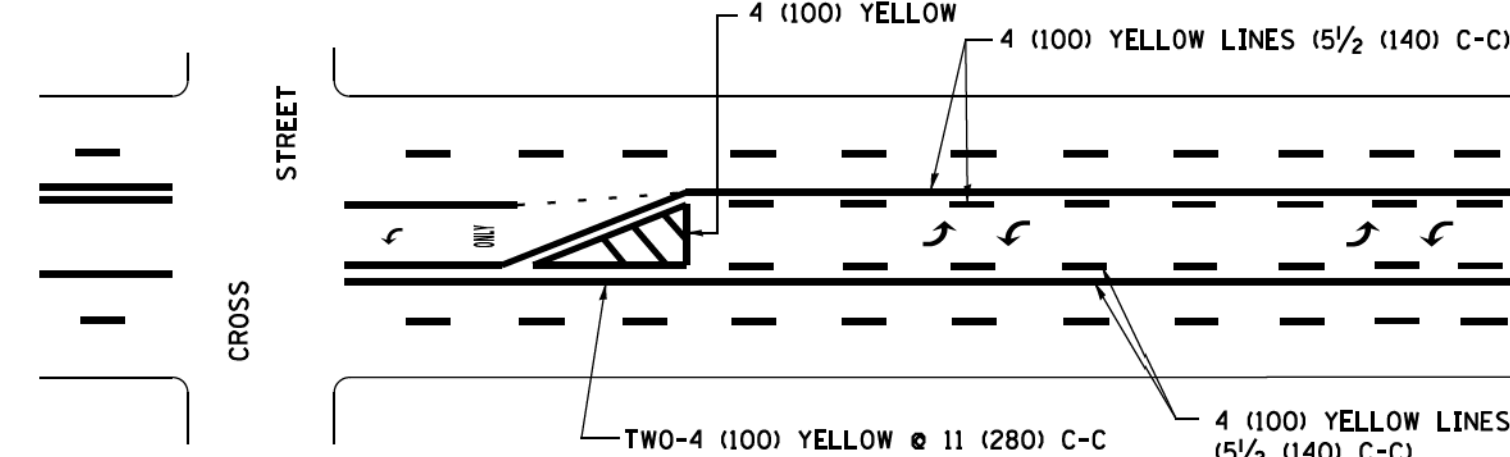
4' (1.2 m) WIDE MEDIANS ONLY



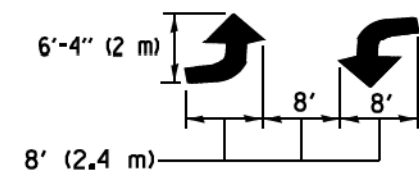
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

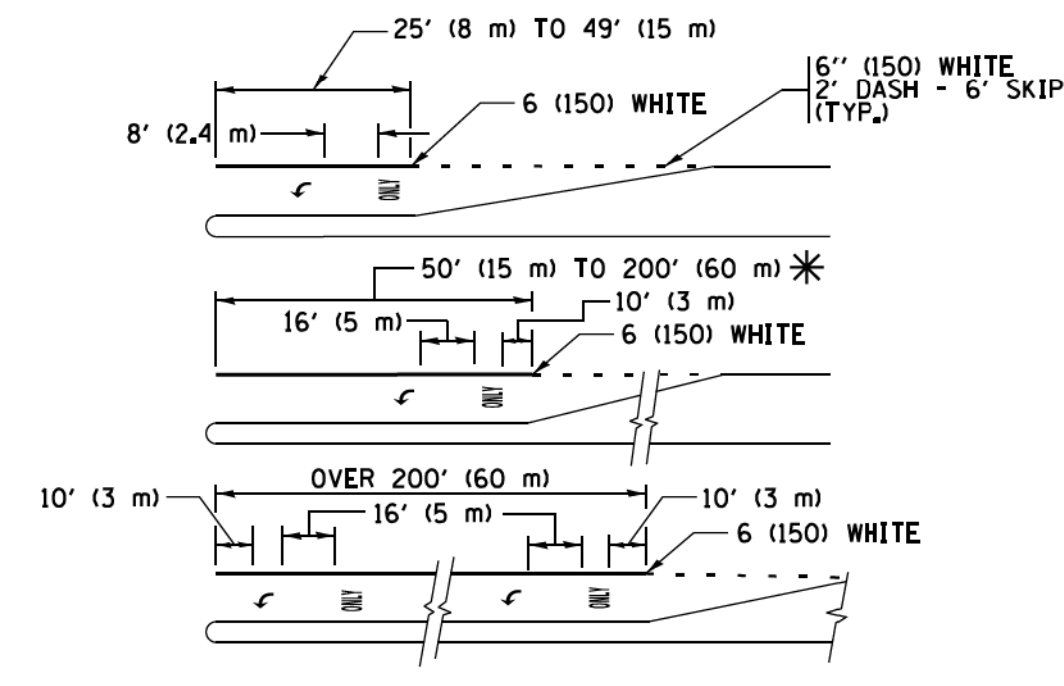
MEDIANS OVER 4' (1.2 m) WIDE



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



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

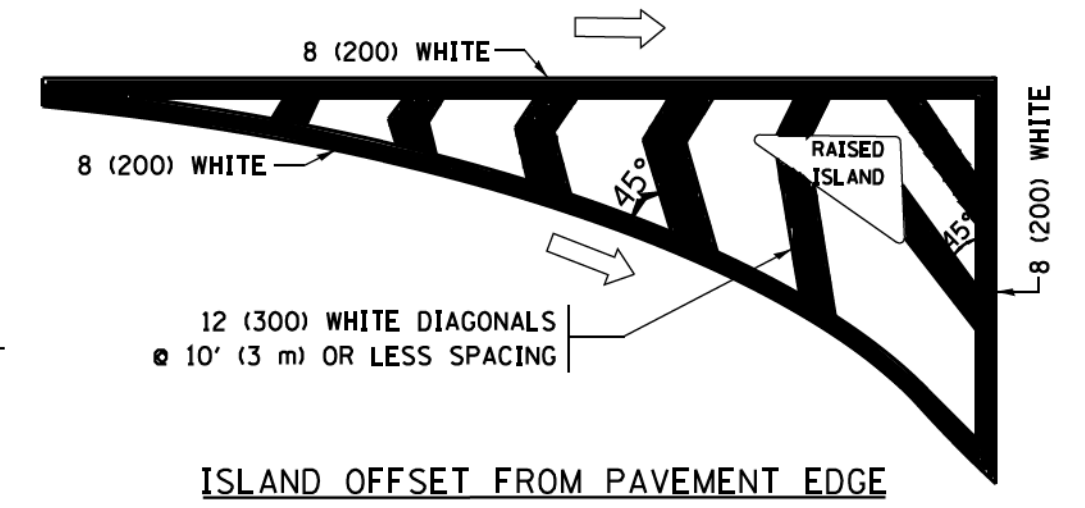


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

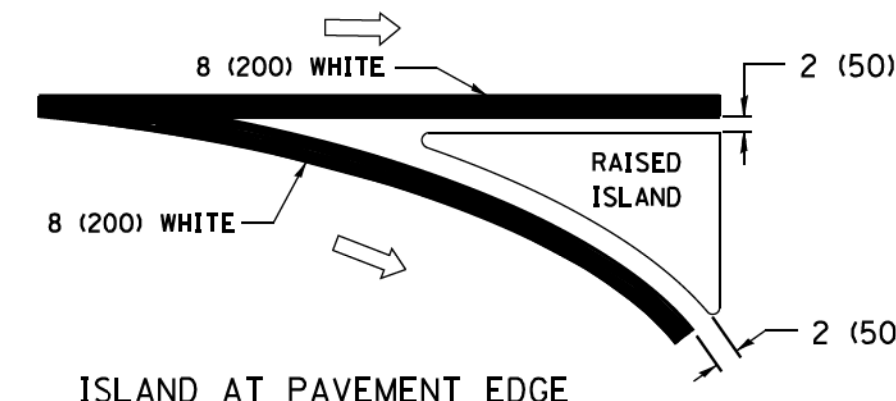
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

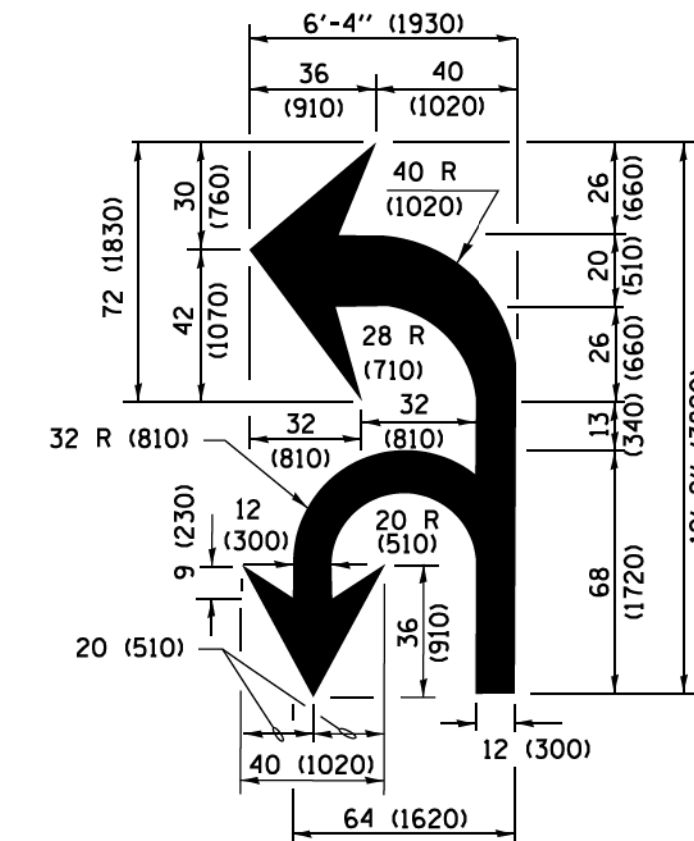


ISLAND OFFSET FROM PAVEMENT EDGE

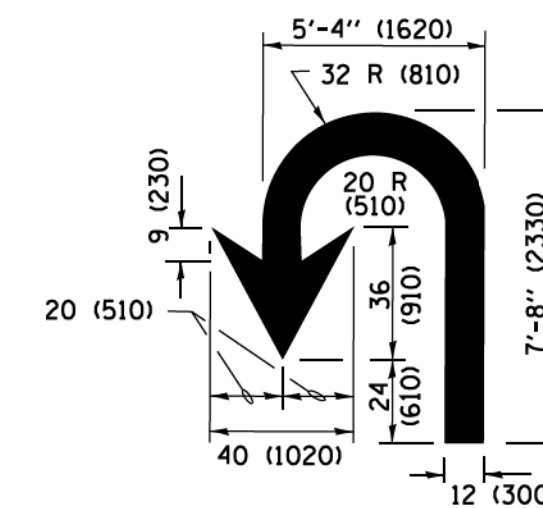


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

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

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

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

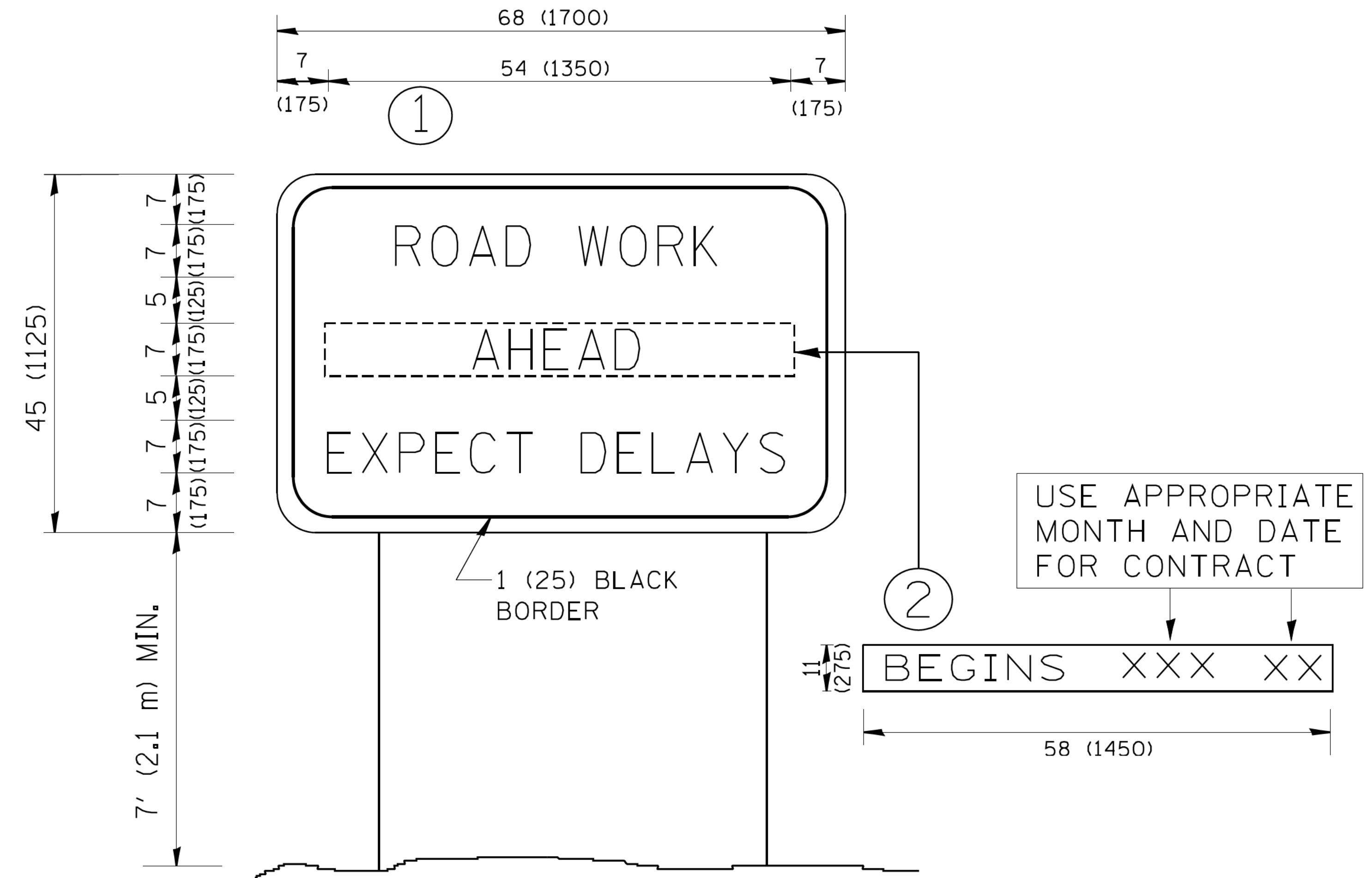
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

FILE NAME =	USER NAME = lrysa	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
W:\dststd\22x34\1013.dgn			REVISED - C. JUCIUS 07-01-13
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	PLOT DATE = 6/23/2017	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3882	20-00011-00-RS	MCHENRY	16	15
TC-13		CONTRACT NO. 61H04		
ILLINOIS/FED. AID PROJECT T28C(841)				

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 12/22/2001
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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 = gegl:anobt	DESIGNED -	REVISED - R. MIRS 09-15-97
W:\diststd\22x34\td22.dgn		DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ARTERIAL ROAD INFORMATION SIGN			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE. 3882	SECTION 20-00011-00-RS	COUNTY MCHENRY	TOTAL SHEETS 16	SHEET NO. 16
TC-22		CONTRACT NO. 61H04		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT TZ8G(841)				