FOR INDEX OF SHEETS, SEE SHEET NO. 2 FOR LIST OF HIGHWAY STANDARDS SEE SHEET NO. 2

07-31-2015 LETTING ITEM 056

HIGHWAY CLASSIFICATION MAJOR COLLECTOR

0

0

0

0

TRAFFIC DATA CURRENT ADT (2014) = 3,450 DESIGN ADT (2014) = 3,450

POSTED SPEED LIMIT = 45 MPH

DESIGN SPEED LIMIT = 45 MPH

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

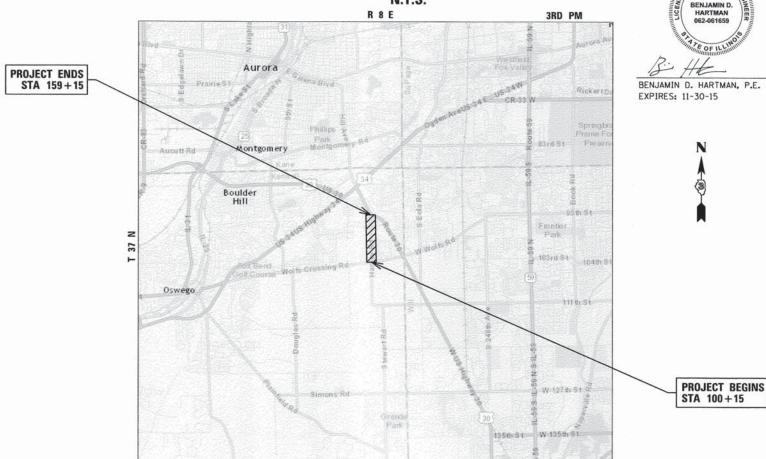
PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FAU 2512 (HARVEY ROAD)
FAP 349 (US ROUTE 30) TO FAU 1577 (WOLF'S CROSSING ROAD)
SURFACE TRANSPORTATION URBAN FUNDS

SECTION: 15-00049-00-RS
PROJECT NO.: M-4003(528)
VILLAGE OF OSWEGO
KENDALL COUNTY

C-93-110-15

PROJECT LOCATION MAP N.T.S.



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

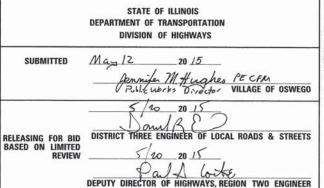
DESIGN ENGINEER: B. HARTMAN PROJECT MANAGER: A. CHAUDHRY

CONTRACT NO. 87629

PROJECT LENGTH

GROSS LENGTH OF PROJECT = 5,900 FT. = 1.117 MILE NET LENGTH OF PROJECT = 4,892 FT. = 0.927 MILE







420 NORTH FRONT STREET, SUITE 100 | McHENRY, ILLINOIS 60050
Phone: 815.385.1778 | Toll Free: 800.728.7805 | Fax: 815.385.1781 | HRGreen.cor
ILLINOIS PROFESSIONAL DESIGN FIRM #184-001322

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

INDEX OF SHEETS

1		COVER SHEET
2		INDEX OF SHEETS AND STATE HIGHWAY STANDARDS
		AND GENERAL NOTES
3		SUMMARY OF QUANTITIES
4		TYPICAL SECTIONS
5	 7	RESURFACING PLANS
8		CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
9		BUTT JOINT AND HMA TAPER DETAILS
10		TEMPORARY INFORMATION SIGNING
11	12	DISTRICT THREE URBAN PAVEMENT MARKING

STATE HIGHWAY STANDARDS

LIST OF DESCRIPTION

STANDARD NO.

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
420001-08	PAVEMENT JOINTS
424001-08	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424021-03	DEPRESSED CORNER FOR SIDEWALKS
424026-01	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
604001-04	FRAME AND LIDS, TYPE 1
604051-04	FRAME AND GRATE, TYPE 11
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE 2L, 2W, MOVING OPERATIONS-DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-09	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-05	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-04	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS

DISTRICT THREE STANDARDS

STANDARD NO.	LIST OF DESCRIPTION
406-8	HMA DETAIL AT BUTT JOINTS
424-29	ADA SIDEWALK ACCESSIBILITY RAMP DETAIL
442-1	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
606-4	REINFORCEMENT DETAIL FOR COMBINATION CONCRETE CURB AND GUTTER
606-10	DETAILS FOR CURB & GUTTER REPLACEMENT
	CATCH BASIN OR INLETS TO BE ADJUSTED OR RECONSTRUCTED
720-8	TEMPORARY INFORMATION SIGNING

GENERAL NOTES

- ALL REFERENCES TO "STANDARD SPECIFICATIONS" IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, JANUARY 1, 2012. ALL WORK TO BE COMPLETED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
- PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, HE MUST IMMEDIATELY REPORT SAME TO THE ENGINEER BEFORE DOING ANY WORK, OTHERWISE THE CONTRACTOR ASSUMES FULL RESPONSIBILITY. IN THE EVENT OF DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTIONS FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTIONS, THE CONTRACTOR WILL BE CONSIDERED TO THAT PROCEEDED AT HIS OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTION ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE. BE FINAL AND CONCLUSIVE.
- 3. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) AT 8-1-1 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).
- 4. ALL ELEVATIONS SHOWN ON THE PLANS ARE ON THE NAVD 88 DATUM.
- 5. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS, PROPERTY CORNERS, AND REFERENCE MARKERS UNTIL THE OWNER, HIS AGENT, OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
- 6. OFFSET LOCATIONS GIVEN IN THE PLANS FOR STRUCTURES, EDGE OF PAVEMENT, ETC. ARE FROM THE ROADWAY CENTERLINE.
- 7. SAW CUTTING OF PAVEMENTS, CURB AND GUTTER, SIDEWALK, ETC. SHALL BE TO FULL DEPTH AND SHALL RESULT IN A CLEAN STRAIGHT EDGE ON THE PORTION REMAINING. ALL SAW CUTTING SHALL BE CONSIDERED INCLUDED IN THE ITEM REMOVED.
- IN ADDITION TO THE REQUIREMENTS OF SECTION 107.01 OF THE STANDARD SPECIFICATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER REMOVAL AND DISPOSAL OF EXCAVATED MATERIALS FROM THE PROJECT SITE. THE CONTRACTOR WILL MEET ALL REQUIREMENTS SET FORTH BY THE IEPA AND PUBLIC ACT 96-1416 IN REGARDS TO CLEAN CONSTRUCTION AND DEMOLITION DEBRIS WHICH MAY INCLUDE, BUT NOT LIMITED TO, FIELD AND LABORATORY ANALYSES, CERTIFICATION FROM A LICENSED PROFESSIONAL ENGINEER, DUMPING FEES AND DOCUMENTATION. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE OF THE ITEM BEING REMOVED OR INSTALLED. NO ADDITIONAL COMPENSATION WILL BE
- 9. THE CONTRACTOR SHALL PAY SPECIAL ATTENTION TO CURB MARKINGS, WATER AND SANITARY SERVICE LOCATIONS HAVE BEEN MARKED WITH 'W' AND 'S' SYMBOLS THROUGHOUT THE PROJECT LIMITS. THESE MARKINGS MUST BE LOCATED BY THE CONTRACTOR AND REPLACED DURING FINISHING THE CONCRETE WORK, THIS WORK WILL BE INCLUDED IN THE COST OF THE CONCRETE CURB
- 10. MATERIALS RESULTING FROM THE REMOVAL OF ASPHALT SURFACES, CONCRETE REMOVAL, UTILITY STRUCTURE ADJUSTMENTS, GRADING WORK, ETC. SHALL BE REMOVED AT THE END OF EACH DAY TO AN APPROVED SITE. IN THE JUDGEMENT OF THE ENGINEER, SHOULD IT BE NECESSARY TO REMOVE SUCH MATERIALS, THE ENGINEER WILL HAVE THE MATERIAL REMOVED AND THE CONTRACTOR SHALL HAVE THE DOLLAR AMOUNT REDUCED FROM THE NEXT PAY ESTIMATE.
- 11. THE CONTRACTOR SHALL PERSONALLY NOTIFY THE VILLAGE AND SCHOOL THAT THEY WILL BE WORKING ON THE STREET ADJACENT TO THE SCHOOL AND SCHEDULE WORK TO AVOID CONSTRUCTION ACTIVITY WHEN CHILDREN ARE PRESENT. THE CONTRACTOR SHALL ALSO MAKE ADJUSTMENTS TO WORK SCHEDULES TO ACCOMODATE EVENTS THAT WOULD INVOLVE LARGE NUMBERS OF VEHICLES AND PEOPLE. NO COMPENSATION WILL BE PAID FOR ANY INCONVENIENCE, DELAY, OR LOSS EXPERIENCED BY THE CONTRACTOR BECAUSE OF ADJUSTMENTS TO THEIR NORMAL SCHEDULE.
- 12. THE MINIMUM GUTTER FLAG DEPTH OF THE NEW CURB AND GUTTER WILL BE TEN INCHES (10")
 REGARDLESS OF THE SIZE AND TYPE OF EXISTING CURB AND GUTTER, ADDITIONAL EXCAVATION
 REQUIRED FOR THE INSTALLATION OF THE REPLACEMENT CURB AND GUTTER WILL NOT BE PAID FOR
 SEPARATELY, BUT INCLUDED IN THE CONTRACT UNIT PRICE FOR COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT.
- 13. SIDEWALK REMOVAL AND REPLACEMENT AND COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT AS SHOWN ON THE PLANS IS FOR INFORMATIONAL PURPOSES ONLY. ACTUAL LOCATIONS AND QUANTITIES TO BE DETERMINED AND MARKED BY THE ENGINEER PRIOR TO CONSTRUCTION.
- 14. THE SPACING OF JOINTS FOR COMBINATION CONCRETE CURB AND GUTTER SHALL BE: CONTRACTION JOINTS = 12'-0" AND EXPANSION JOINTS = 60'-0".
- 15. DURING PATCHING OPERATIONS IF IT IS DETERMINED THAT LESS THAN 4" OF AGGREGATE SUBBASE EXISTS, THE CONTRACTOR SHALL PROVIDE A MINIMUM OF 4" OF SUBBASE GRANULAR MATERIAL TO THE AREA PRIOR TO THE PLACEMENT OF THE ASPHALT PATCH. THIS WORK WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN THE BID PRICE FOR "SUBBASE GRANULAR MATERIAL, TYPE 2"

GENERAL NOTES (CONT.)

- STORM SEWERS, WATER MAINS, AND UTILITIES
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR
 TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL UTILITY EQUIPMENT, THE CONTRACTOR
 SHALL COOPERATE WITH ALL UTILITY OWNERS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.
- THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR. THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN THOUGH THEY MIGHT NOT BE SHOWN ON THE PLANS. ANY UTILITY PROPERTY DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER AT THE CONTRACTOR'S EXPENSE.
- 4. THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTION MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWERS, AND APPURTENANCES THAT MUST BE KEPT IN
- 5. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
- 6. ALL FRAMES, GRATES, LIDS, AND BOXES SCHEDULED TO BE REMOVED FROM EXISTING STRUCTURES SHALL REMAIN THE PROPERTY AND BE DELIVERED TO THE PUBLIC WORKS DEPARTMENT AT 100 THEODORE DRIVE,
- 7. ALL FRAMES WITH CLOSED LIDS TO BE FURNISHED AS PART OF THE CONTRACT FOR CONSTRUCTION, ADJUSTMENT OR RECONSTRUCTION OF ANY MANHOLE, CATCH BASIN, OR INLET, SHALL HAVE CAST INTO THE LID ONE OF THE FOLLOWING WORDS: ALL LIDS TO BE USED ON STORM SEWER STRUCTURES SHALL BEAR THE WORD "STORM." ANY ADDITIONAL COST FOR THIS REQUIREMENT WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE STRUCTURE BEING INSTALLED.
- 8. THE INDISCRIMINATE USE OF FIRE HYDRANTS OR EXISTING STREAMS, CREEKS, WETLANDS OR PONDS IS STRICTLY PROHIBITED. THE CONTRACTOR SHALL PROVIDE A WATER TRUCK AND DRIVER AS REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING WATER FROM AN APPROVED SOURCE. IF THIS WATER IS FROM A SOURCE OTHER THAN HIS YARD, WRITTEN APPROVAL FROM THE AGENCY HAVING JURISIDICTION FOR THE SOURCE OF THE WATER MUST BE RECEIVED BY THE ENGINEER PRIOR TO USE OF THE WATER.
- 9. ONLY PRECAST CONCRETE ADJUSTMENT RINGS, MAXIMUM OF 12" IN HEIGHT, WILL BE ALLOWED IN THE ADJUSTMENT OR RECONSTRUCTION OF CATCH BASIN, MANHOLE, INLET AND VALVE VAULT STRUCTURES. COMMON BRICK WILL NOT BE ALLOWED. THE RINGS SHALL BE INCLUDED IN THE COST OF WORK BEING

SIGNING AND STRIPING

1. SEE IDOT DISTRICT THREE PLAN SHEETS FOR PAVEMENT MARKING DETAILS.

- SEQUENCE OF CONSTRUCTION ROADWAY
 IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY RESIDENTS AND THE VILLAGE WHEN
 ACCESS TO THEIR DRIVEWAY'S WILL BE TEMPORARILY CLOSED DUE TO CONCRETE CURB AND CUTTER
 INSTALLATION OR SIDEWALK CONSTRUCTION. AT LOCATIONS WHERE NEW GUTTER OR SIDEWALK IS TO
 BE INSTALLED ACROSS A DRIVEWAY, THE CONTRACTOR SHALL CONTACT THE HOMEOWNER 48 HOURS
 PRIOR TO REMOVING THE PAVEMENT. THE CONTRACTOR SHALL DISTRIBUTE NOTICES, PROVIDED BY
 THE VILLAGE, TO RESIDENTS. EVERY EFFORT SHALL BE MADE TO ACCOMODATE ACCESS TO THESE
 PROPERTIES (KNOCK ON DOORS WHEN A DRIVEWAY IS ABOUT TO BE CLOSED).
- THE CONTRACTOR SHALL NOT BE ALLOWED TO CLOSE A DRIVEWAY FOR MORE THAN 48 HOURS UNDER ANY CIRCUMSTANCES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING BARRICADES TO PREVENT TRAFFIC FROM USING DRIVEWAYS DURING THIS PERIOD.
- THE CONTRACTOR SHALL FILL THE HOLES CREATED BY THE REMOVAL OF THE DRIVEWAY PAVEMENT WHERE NEW CURB AND GUTTER OR SIDEWALK HAS BEEN CONSTRUCTED WITH AGGREGATE BASE COURSE (CA-6 CRUSHED) SO THAT THE RESIDENTS CAN USE THEIR DRIVEWAYS UNTIL THE START OF INSTALLATION OF THE CONCRETE GUTTER, SIDEWALK AND/OR DRIVEWAY PAVEMENT. THE COST OF THE AGGREGATE BASE COURSE WILL BE PAID FOR AS AGGREGATE FOR TEMPORARY ACCESS.

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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: N.T.S

INDEX	OF SHEE	TS A	ND STATE	HIGHWAY	STANDARDS	F.A.U. RTE.	SECTION	COUNTY	TOTAL
		AND	GENERAL	NOTES		2512	15-00049-00-RS	KENDALL	12
								CONTRACT	NO.
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DEPARTMENT	0F	TRANSPORTATION

	SUMMARY OF QUANTITIES		F.A.U. RTE.	SECTION	COUNTY	TOTAL	SHEET NO.
			2512	15-00049-00-RS	KENDALL	12	3
SCALE, N.T.C.	CUEST NO. 1 OF 1 CUESTO LOS				CONTRACT	NO.	87629
SCALE: N.T.S.	SHEET NO. 1 OF 1 SHEETS STA.	TO STA.	FED. ROAD	DIST. NO. ILLINOIS FED.	AID PROJECT	1	

ROADWAY 80% FED 20% LOCAL

0005

20

20

805

8,555

363

900

1,590

78

90

16,330

156

90

80

160

240

320

2,030

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167

11,235

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TOTAL

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16,330

156

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240

320

170

2,030

760

167

11,235

1,498

297

123

52

390

*	SPECIAL PROVISION
+	SPECIAL TY TTEMS

Z0004562 COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLA	ACEMEN	& DEDLA	ITTER REMOVA	& GUTTER	ONCRETE CUR	COMBINATION	Z0004562
-------------------------------------------------------------	--------	---------	--------------	----------	-------------	-------------	----------

PAYCODE ITEM DESCRIPTION

20101400 NITROGEN FERTILIZER NUTRIENT
20101500 PHOSPHORUS FERTILIZER NUTRIENT
20101600 POTASSIUM FERTILIZER NUTRIENT

21101615 TOPSOIL FURNISH AND PLACE, 4"

40201000 AGGREGATE FOR TEMPORARY ACCESS

40600275 BITUMINOUS MATERIALS (PRIME COAT)

31101200 SUBBASE GRANULAR MATERIAL, TYPE B 4"

40600982 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

40603080 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50

42400200 PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH

44000156 HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"

40603335 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50

42300200 PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH

25200110 SODDING, SALT TOLERANT

42400800 DETECTABLE WARNINGS

44000600 SIDEWALK REMOVAL

44000200 DRIVEWAY PAVEMENT REMOVAL

44201713 CLASS D PATCHES, TYPE I, 6 INCH

44201717 CLASS D PATCHES, TYPE II, 6 INCH

44201721 CLASS D PATCHES, TYPE III, 6 INCH

44201723 CLASS D PATCHES, TYPE IV, 6 INCH

48101200 AGGREGATE SHOULDERS, TYPE B

60404800 FRAMES AND GRATES, TYPE 11

70300100 SHORT TERM PAVEMENT MARKING

70301000 WORK ZONE PAVEMENT MARKING REMOVAL

78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"

78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 6"

78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12"

78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"

X6063000 CONCRETE GUTTER, TYPE B (SPECIAL)

Z0004530 HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8"

67100100 MOBILIZATION

60300105 FRAMES AND GRATES TO BE ADJUSTED

70102620 TRAFFIC CONTROL AND PROTECTION, STANDARD 701501

70102640 TRAFFIC CONTROL AND PROTECTION, STANDARD 701801

78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS

20201200 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL

EXISTING TYPICAL SECTION

HARVEY ROAD

US ROUTE 30 TO WOLF'S CROSSING ROAD

STA 100+15 TO STA 109+41

STA 128+04 TO STA 158+56

RESURFACING OMISSION STA 140+85 TO STA 150+93

*SIDEWALK FROM STA 100+15 TO STA 109+41

VARIES 50.0'-80.0' EX & PR ¢ VAR. 20'-36 EX VARIES VARIES VARIES 14.5° TO 10.0'-18.0' 10.0'-18.0

PROPOSED TYPICAL SECTION

*SIDEWALK FROM STA 100+15 TO STA 109+41

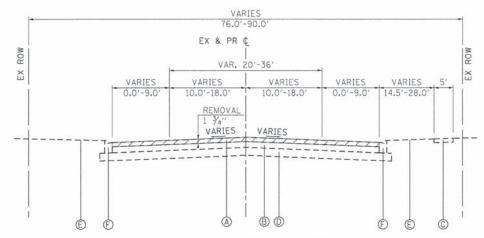
HARVEY ROAD US ROUTE 30 TO WOLF'S CROSSING ROAD STA 100+15 TO STA 109+41 STA 128+04 TO STA 158+56

** RESURFACING OMISSION STA 140+85 TO STA 150+93 **

VARIES

76.0'-90.0

EX & PR ¢



EXISTING TYPICAL SECTION

HARVEY ROAD US ROUTE 30 TO WOLF'S CROSSING ROAD STA 109+41 TO STA 128+04

DENOTES AREA OF HOT-MIX ASPHALT SURFACE REMOVAL

EXISTING LEGEND

- (A) HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"
- B HOT-MIX ASPHALT PAVEMENT, (5"-10")
- © PORTLAND CEMENT CONCRETE SIDEWALK (SPOT REMOVAL & REPLACEMENT AS DIRECTED BY THE ENGINEER)
- D AGGREGATE SUBBASE, (4"-6")
- E EXISTING GROUND
- © COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 (SPOT REMOVAL & REPLACEMENT AS DIRECTED BY THE ENGINEER)
- @ AGGREGATE SHOULDERS

PROPOSED LEGEND

- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
- ② HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50
- 3 BITUMINOUS MATERIALS (PRIME COAT)
- @ AGGREGATE SHOULDERS, TYPE B

VAR. 20'-36' VARIES VARIES VARIES 0.0'-9.0' 10.0'-18.0' 10.0'-18.0' 0.0'-9.0' 14.5′-28.0 2% 2%

PROPOSED TYPICAL SECTION

SHEET NO.

SCALE: N.T.S.

HARVEY ROAD US ROUTE 30 TO WOLF'S CROSSING ROAD STA 109+41 TO STA 128+04

NOTE: THE PATCHING QUANTITIES HAVE BEEN ESTIMATED BASED ON FIELD OBSERVATION DURING DESIGN. ACTUAL QUANTITIES TO BE DETERMINED DURING CONSTRUCTION BY THE ENGINEER.

HOT-MI	X ASPHALT MIXTURE	REQUIREMENTS	V
	HMA BINDER	HMA SURFACE	HMA PATCHING
PG GRADE	PG 64-22	PG 64-22	PG 64-22
AIR VOIDS @ Ndes	4.0% @ 50 GYR.	4.0% @ 50 GYR.	4.0% @ 70 GYR.
MIXTURE COMPOSITION	IL-19.0	IL-9.5	IL-19.0
FRICTION AGGREGATE		MIXTURE D	

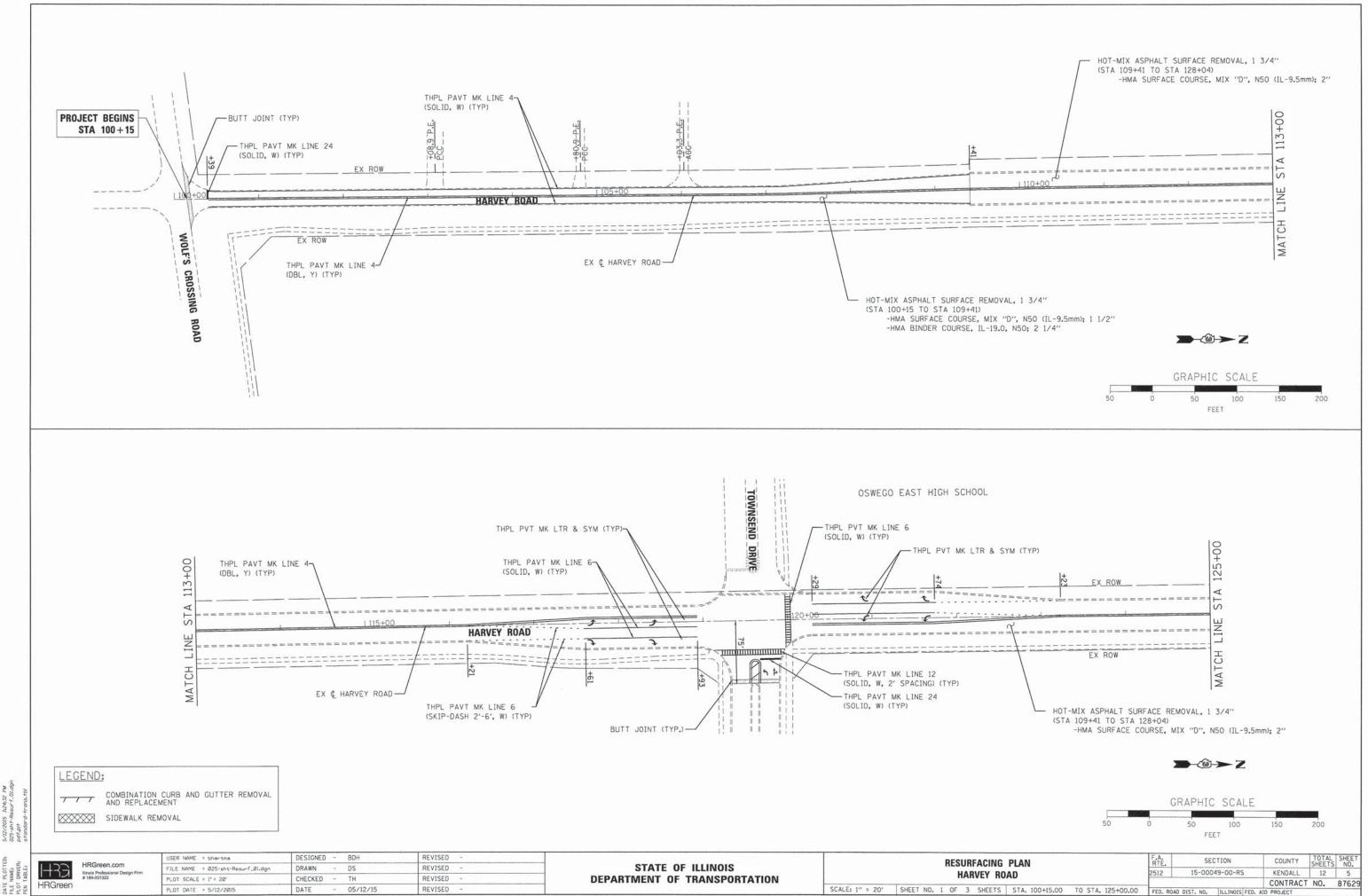
MATERIAL SHALL BE COMPACTED TO 93.0-97.4 PERCENT OF THE MAXIMUM THEORETICAL DENSITY, EXCEPT THAT WHEN PLACED AS FIRST LIFT ON AN UNIMPROVED SUBGRADE THE MINIMUM PERCENT COMPACTION SHALL BE 92.0 PERCENT. THE MAXIMUM THEORETICAL DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE AS SPECIFIED IN THE QC/QA SPECIFICATION.

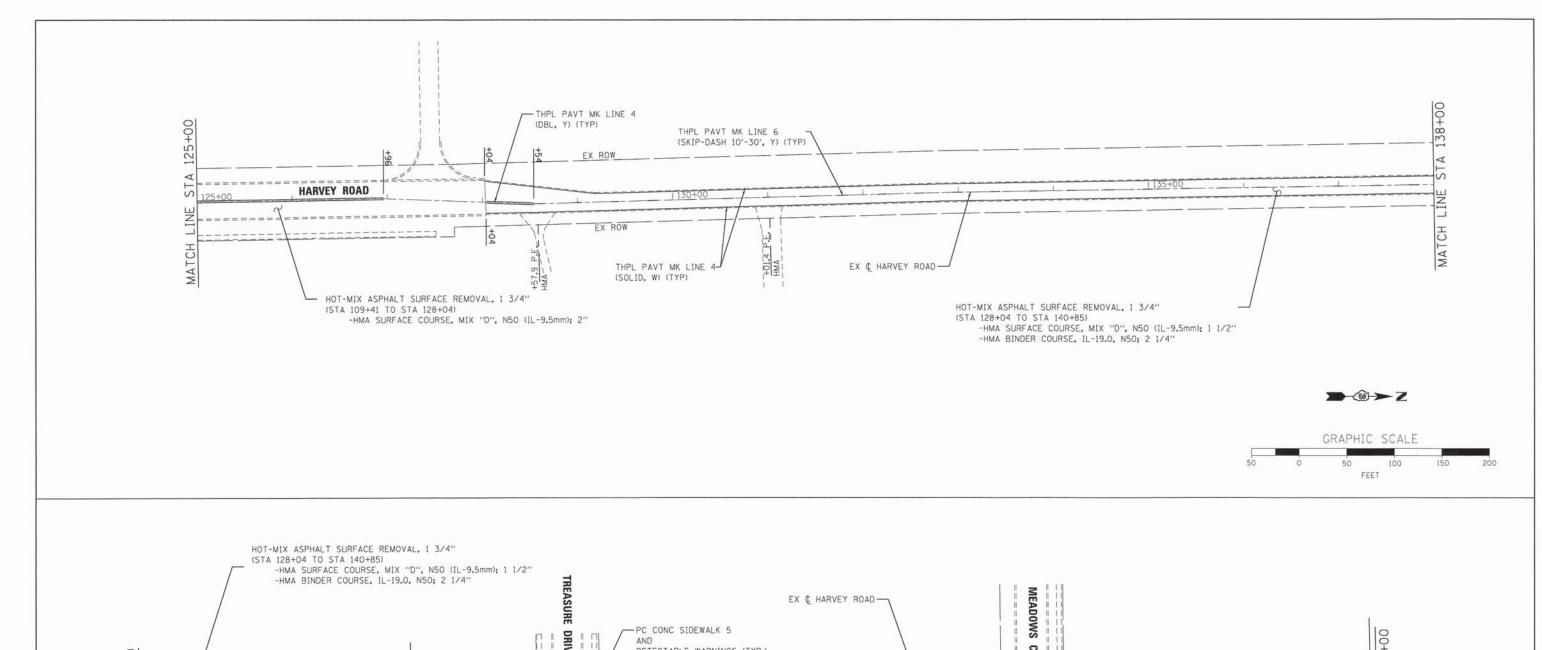
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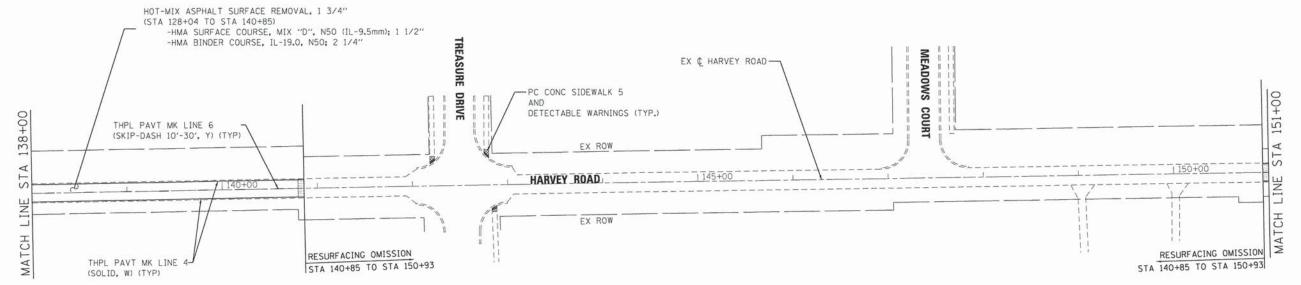
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STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS HARVEY ROAD				SEC	TION	COUNTY	TOTAL	SHEET NO.
				15-0004	9-00-RS	KENDALL	12	4
						CONTRACT	NO.	87629
1 OF 1 SHE	ETS STA. 100+15.00	TO STA. 159+15.00	FED. ROAD	DIST. NO.	ILLINOIS FED.	AID PROJECT	Hara:	







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COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT

SIDEWALK REMOVAL

		GRAPHIC	SCALE		
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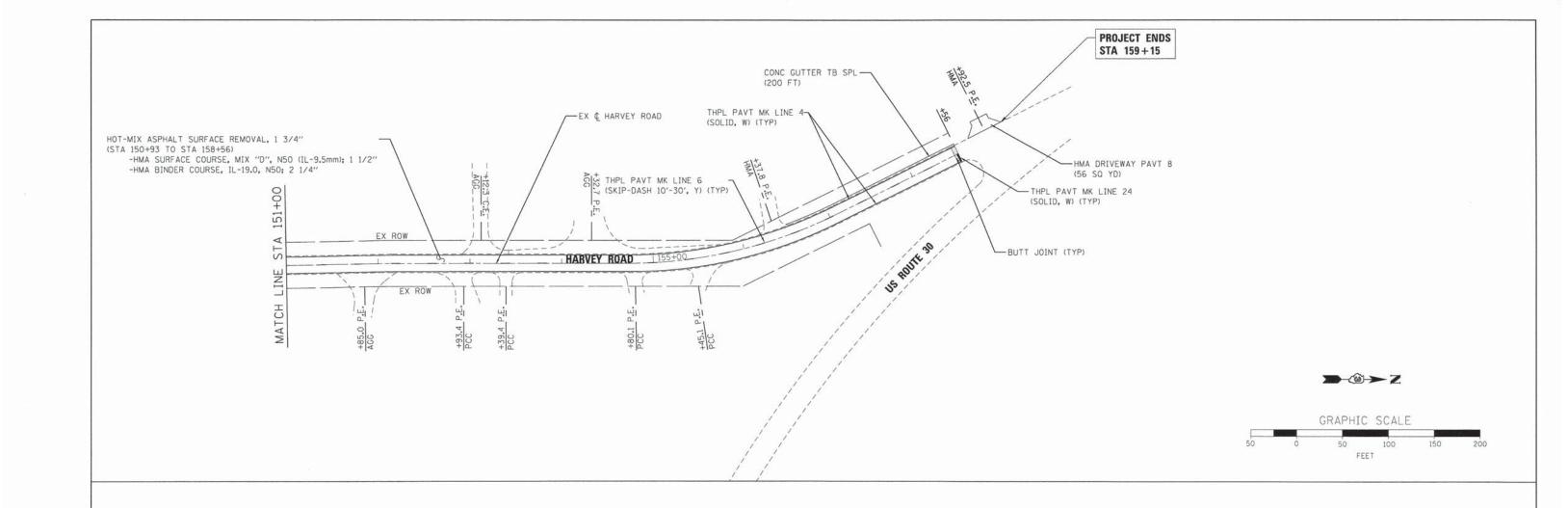
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PLOT DATE = 5/12/2015	DATE	100	05/12/15	REVISED	*

N
J

SCALE: 1" = 20'

RESURFACING PLAN							F.A. RTE.		SEC	TION		COUNTY	TOTAL	SHEET NO.	
HARVEY ROAD						2512		15-0004	19-00-RS	5	KENDALL	12	6		
													CONTRACT	NO.	87629
SHEET	NO.	2	OF	3	SHEETS	STA. 125+00.00	TO STA. 151+00.0	O FED.	ROAD	DIST. NO.	ILLINOIS	FED. AID	PROJECT		



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DESIGNED - BDH REVISED USER NAME = bhartma REVISED FILE NAME = 025-sht-Resurf_03.dgn DRAWN - DS PLOT SCALE = 1' = 20' CHECKED REVISED PLOT DATE = 5/12/2015 DATE 05/12/15 REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

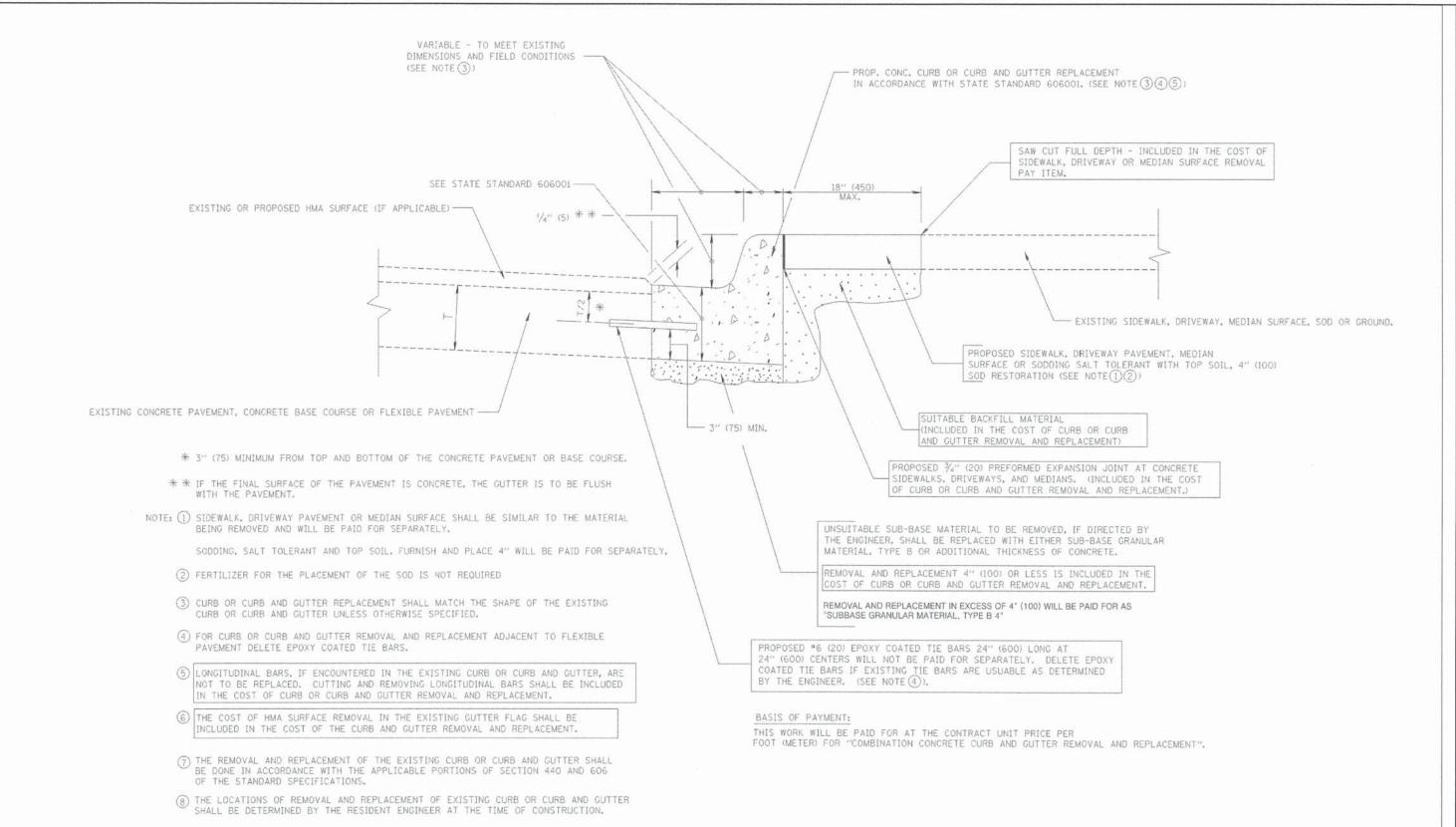
RESURFACING PLAN HARVEY ROAD SCALE: 1" = 20' SHEET NO. 3 OF 3 SHEETS STA. 151+00.00 TO STA. 159+15.00 FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT

COUNTY TOTAL SHEETS NO. KENDALL 12 7 SECTION 15-00049-00-RS CONTRACT NO. 87629

LEGEND:

COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT

SIDEWALK REMOVAL



CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

SCALE:

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

12 8

CT NO.

\$/12/2015 \$324:50 PM @@hr.gmhnos@doto@86150025@CAD@SHEETS@025pdf.bit standard-trans.tbi

DATE PLOTTED: 5/1
FILE NAME: \$80
PLOT DRIVER: \$00
PEN TABLE: 5/1

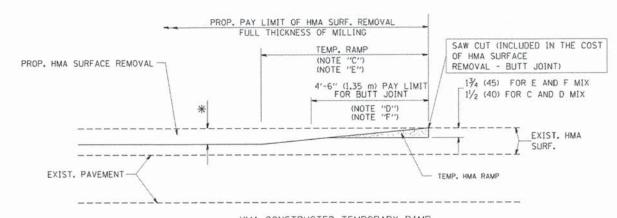
122	HRGreen.com
RGreen	Illinois Professional Design Firm # 184-001322

USER NAME = bhartma	DESIGNED -	BDH	REVISED -
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PLOT SCALE =	CHECKED -	TH	REVISED -
PLOT DATE = 5/12/2015	DATE -	05/12/15	REVISED -

	CURB OR CURB AND GU	F.A.U. RTE.	SECTION	COUNTY	
	REMOVAL AND REPLACEN	2512	15-00049-00-RS	KENDALL	
_					CONTRAC
	SHEET NO. 1 OF 5 SHEETS STA.	TO STA.	FED. ROAD	DIST. NO. ILLINOIS FED.	AID PROJECT

OPTION 1

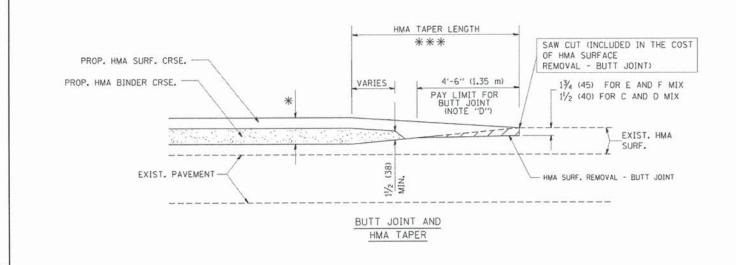
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)



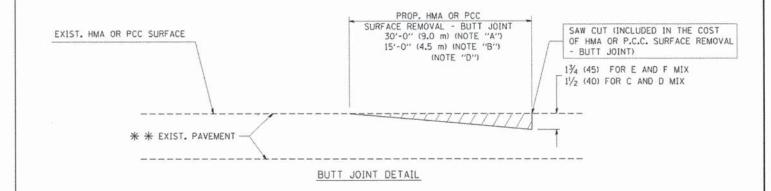
HMA CONSTRUCTED TEMPORARY RAMP (FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

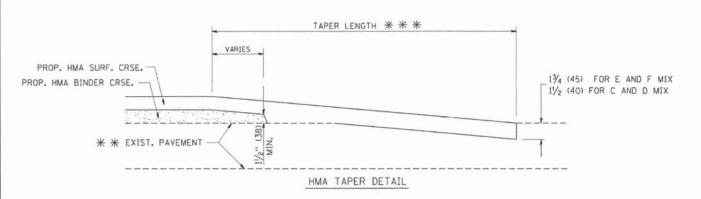
OPTION 2

TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING





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'-O" (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 SOUARE YARD (SOUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT"

SCALE:

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

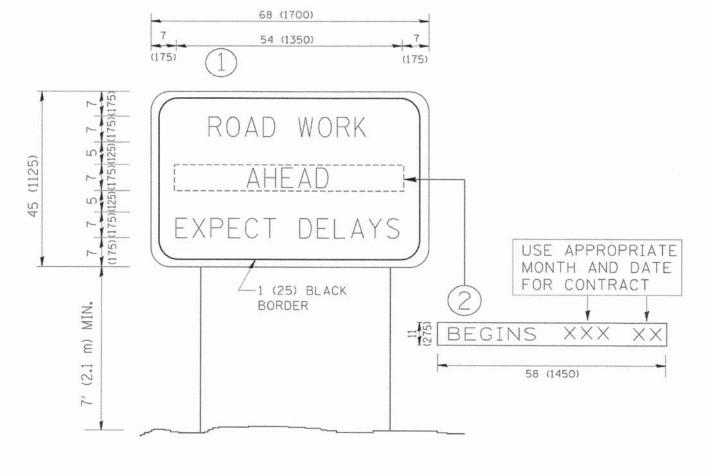
HRGreen com **HRGreen**

REVISED DESIGNED - BDH USER NAME = bhartma FILE NAME = 025-sht-det_bd32.dg DRAWN - DS REVISED REVISED CHECKED PLOT SCALE = 05/12/15 PLOT DATE = 5/12/2015 DATE REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

SECTION COUNTY **BUTT JOINT AND** 2512 15-00049-00-RS KENDALL HMA TAPER DETAILS SHEET NO. 2 OF 5 SHEETS STA. TO STA.

12 9 CONTRACT NO. 87629



NOTES:

SCALE:

- 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 () 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.

1. 5/12/2015 3,25/37 PM 5/12/2015 3,25/37 PW 98/1-97 106/1-97 standard-trans,tbl

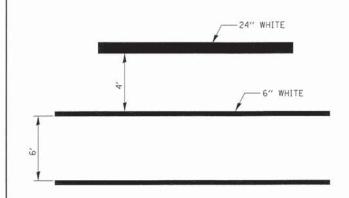
PLOT DRIVER: SERVING PLOT DRIVER: DOT;

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Illinois Professional Design Fir
184-001322

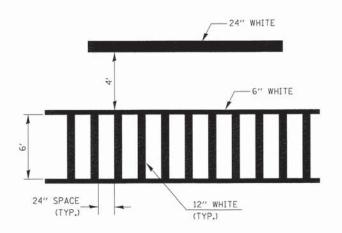
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PLOT SCALE =	CHECKED	-	TH	REVISED	Jii	
PLOT DATE = 5/12/2015	DATE	-	05/12/15	REVISED		

STATE	OF	ILLINOIS
DEPARTMENT	0F	TRANSPORTATION

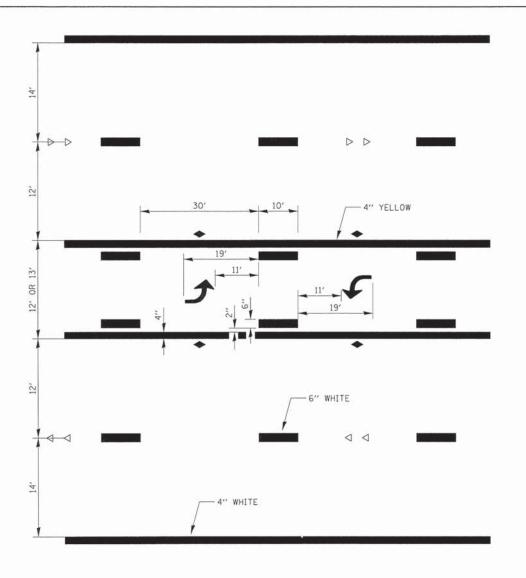
	TEMPORARY	ING	F.A.U. RTE.			COUNTY	TOTAL SHEETS	SHEET NO.		
			2512							
_								CONTRACT	NO.	87629
	SHEET NO. 3 OF	5 SHEETS	STA.	TO STA.	FED. ROAD	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



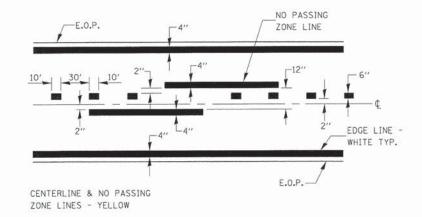
TYPICAL SPACING DETAIL FOR CROSSWALKS AND STOP BARS



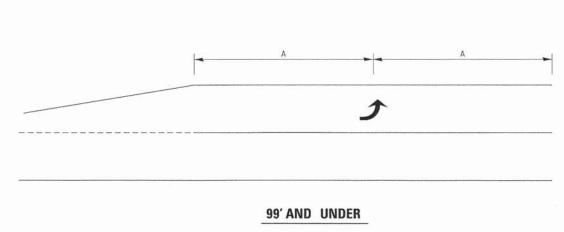
TYPICAL SPACING DETAIL FOR CROSSWALKS AND STOP BARS

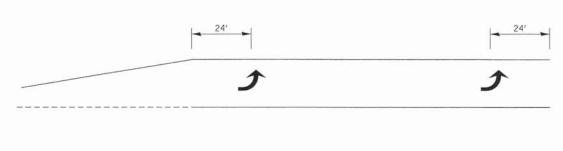


TYPICAL APPLICATION TWO WAY LEFT TURN LANE (TWLTL)



PAVEMENT MARKING





100' TO 149'

TYPICAL PLACEMENT OF ARROWS IN TURN LANES

150' AND LONGER

URBAN PAVEMENT MARKING

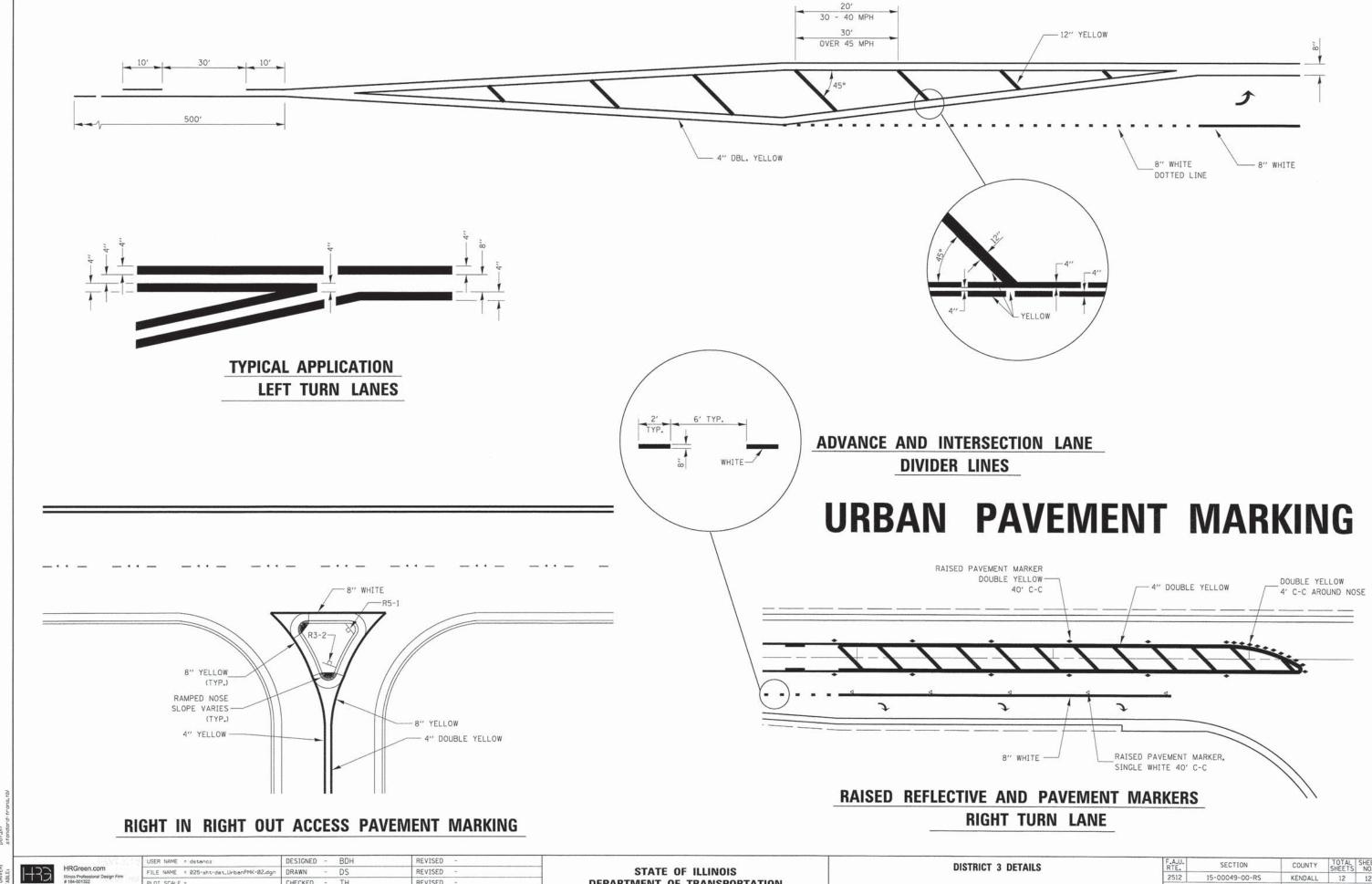
PLOT SCALE =

REVISED REVISED FILE NAME = 025-sht-det_UrbenPMK-01.dgn REVISED CHECKED PLOT DATE = 5/13/2015 05/12/15 REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

SECTION COUNTY 2512 15-00049-00-RS KENDALL CONTRACT NO.

DISTRICT 3 DETAILS SCALE: SHEET NO. 4 OF 5 SHEETS STA. TO STA.



CHECKED - TH REVISED PLOT SCALE = PLOT DATE = 5/13/2015 DATE 05/12/15 REVISED

DEPARTMENT OF TRANSPORTATION

SCALE:

CONTRACT NO. SHEET NO. 5 OF 5 SHEETS STA. TO STA.