08-04 2017 LETTING ITEM 018

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2530	16-00080-00-RS	DUPAGE	12	1

CONTRACT NO. 61E09

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FAU 2530 (POWIS ROAD)
UNION PACIFIC RAILROAD TO FAU 3804 (SMITH ROAD)
RESURFACING
SECTION 16-00080-00-RS
PROJECT M-4003(922)
CITY OF WEST CHICAGO
DUPAGE COUNTY
JOB NO. C-91-250-17

SEE SHEET 2 FOR INDEX OF SHEETS

TRAFFIC DATA

ADT:
POWIS ROAD 6,700 VPD (2016)

POSTED SPEED

POWIS ROAD:
30 MPH (EXISTING)
30 MPH (PROPOSED)

DESIGN SPEED

POWIS ROAD:
35 MPH (EXISTING)
35 MPH (PROPOSED)

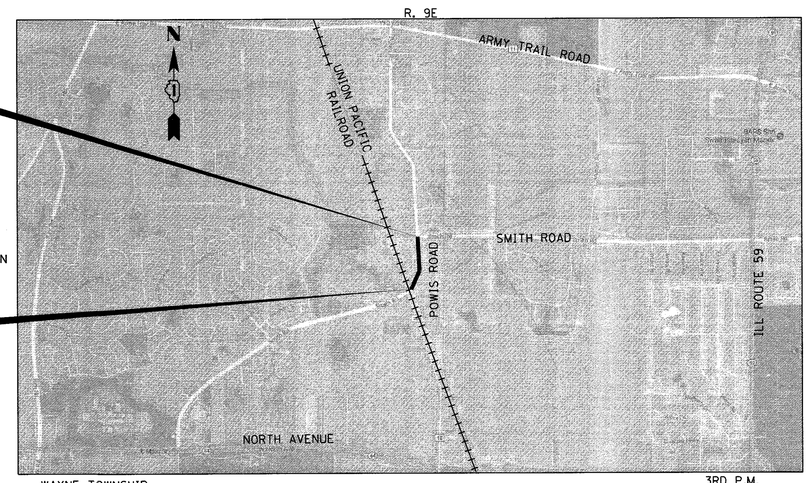
FUNCTIONAL CLASSIFICATION

POWIS RD - MAJOR COLLECTOR

LOCATION OF SECTION INDICATED THUS: –

POWIS ROAD PROJECT ENDS
STATION 113+69

POWIS ROAD PROJECT BEGINS
STATION 100+08



WAYNE TOWNSHIP
SECTION 20

3RD P.M.

CITY OF WEST CHICAGO

LOCATION MAP

NOT TO SCALE

PROJECT LENGTH (GROSS AND NET)
POWIS RD – 1,361 FT (0.26 MILES)

100' 200' 300' — 1"= 100'
0 10' 20' 30' — 1"= 10'
0 50' 100' — 1"= 50'
0 5' 10' — 1"= 5'
0 50' 100' — 1"= 40'
0 50' 100' — 1"= 30'
0 50' 100' — 1"= 20'

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

CONTRACT NO. 61E09

DAVID W. BLOCK
062-050966
REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

5/15/2017

DAVID W. BLOCK, P.E.
NO. 062-050966
EXP. DATE 11/30/17

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED May 15 ,2017
CITY OF WEST CHICAGO, PUBLIC WORKS DIRECTOR

PASSED May 22 ,2017
Christopher Holt
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW May 23 ,2017
Anthony J. Quigley /DB
REGIONAL ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

Tran Systems
1475 EAST WOODFIELD ROAD, SUITE 600
SCHAUMBURG, ILLINOIS 60173
(847) 605-9600
PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDDLE, P.E., (847) 705-4406, SCHAUMBURG, IL

GENERAL NOTES

1. 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, 2016.

2. ALL REFERENCES TO "ENGINEER" SHALL BE INTERPRETED TO MEAN THE RESIDENT ENGINEER.

3. PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IN ADDITION, THE CONTRACTOR SHALL VERIFY THE ENGINEER'S LINE AND GRADE STAKES. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, THE CONTRACTOR MUST IMMEDIATELY REPORT SAME TO THE ENGINEER BEFORE DOING ANY WORK, OTHERWISE THE CONTRACTOR ASSUMES FULL RESPONSIBILITY. IN THE EVENT OF DISAGREEMENT WITH 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 HAVE PROCEEDED AT HIS/HER 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.

4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS PRIOR TO BIDDING ON THE PROJECT.

5. BEFORE STARTING 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).

6. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON CITY PROPERTY OR ROW WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.

7. SAW CUTTING OF PAVEMENTS, SIDEWALK, ETC. SHALL BE TO FULL DEPTH AND SHALL RESULT IN A CLEAN STRAIGHT EDGE ON THE PORTION REMAINING.

8. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS, PROPERTY CORNERS, AND REFERENCE MARKERS UNTIL THE OWNER, THEIR AGENT, OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

9. OFFSET LOCATIONS GIVEN IN THE PLANS FOR STRUCTURES, EDGE OF PAVEMENT, ETC. ARE FROM THE ROADWAY CENTERLINE.

10. HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.

11. QUANTITIES FOR PATCHING SHALL NOT EXCEED THOSE PROVIDED IN THE SUMMARY OF QUANTITIES UNLESS APPROVED BY THE ENGINEER. THE ENGINEER WILL VERIFY FINAL PATCH LOCATIONS IN THE FIELD, PRIOR TO REMOVAL.

12. THE CONTRACTOR IS REQUIRED TO USE A PAVER SKI WHEN PLACING BITUMINOUS LIFTS.

13. THE CONTRACTOR SHALL COORDINATE PAVING OPERATIONS FOR BOTH HMA LEVEL BINDER AND SURFACE COURSES SO THAT THE LONGITUDINAL JOINTS ARE CLOSED AND COMPACTED AT THE END OF EACH DAY. PAVING OPERATIONS SHALL BE SCHEDULED SO THAT ADJACENT LANES ARE PAVED IN THE SAME DIRECTION AS THE INITIAL LANE MINIMIZING THE TIME THE EDGE OF A PAVEMENT MAT IS ALLOWED TO COOL.

SIGNING AND STRIPING

1. SEE IDOT STANDARD DETAIL 780001, DISTRICT ONE DETAIL TC-13 AND PLAN SHEETS FOR PAVEMENT MARKING DETAILS.

TRAFFIC CONTROL

1. SEE TRAFFIC CONTROL HIGHWAY STANDARDS CONCERNING TRAFFIC CONTROL AND PROTECTION.

2. THE CONTRACTOR SHALL SCHEDULE CONSTRUCTION ACTIVITIES SO THAT TWO-WAY TRAFFIC SHALL REMAIN OPEN AT ALL TIMES.

3. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE POSTED ON ALL SIDE STREETS FROM BOTH DIRECTIONS.

4. THE CONTRACTOR SHALL USE 2 CHANGEABLE MESSAGE SIGNS AT LOCATIONS TO BE DETERMINED BY THE ENGINEER FOR A PERIOD FROM ONE WEEK PRIOR TO THE START OF CONSTRUCTION TO THE CONCLUSION OF THE PROJECT.

STORM SEWERS, WATER MAINS, AND UTILITIES

1. 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 ANY UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.

2. THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN IF NOT SHOWN ON THE PLANS. ALL UTILITY PROPERTY DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.

4. ALL UTILITY OWNERS AND THE ENGINEER SHALL BE NOTIFIED AT LEAST 3 DAYS PRIOR TO THE START OF CONSTRUCTION.

5. THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTION MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWERS, AND APPURTENANCES THAT MUST BE KEPT IN OPERATION.

6. ALL LOOSE MATERIAL GENERATED FROM CONSTRUCTION WORK/ACTIVITY DEPOSITED IN THE FLOWLINE 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.

7. DRIVEWAY CULVERT PIPES SHALL BE REPLACED ACCORDING TO THE PLANS. THE TOP OF PIPE SHALL BE A MINIMUM OF 3" BELOW THE TOP OF DRIVEWAY PAVEMENT. THE CONTRACTOR SHALL VERIFY THE INVERTS IN THE FIELD.

8. THE CONTRACTOR SHALL ENSURE ALL WATER SYSTEM VALVES, VALVE VAULTS, AND SANITARY SEWER MANHOLES REMAIN READILY ACCESSIBLE FOR EMERGENCY OPERATIONS. THE LOCATIONS OF ALL WATER AND SANITARY FACILITIES SHALL BE MARKED AND READILY VISIBLE AT ALL TIMES.

MISCELLANEOUS

1. MATERIALS RESULTING FROM THE REMOVAL OF CONCRETE SURFACES, UTILITY STRUCTURE ADJUSTMENTS, RESTORATION WORK, ETC. SHALL BE REMOVED AT THE END OF EACH DAY TO AN APPROVED SITE. IF THE CONTRACTOR DOES NOT REMOVE THESE MATERIALS AT THE REQUEST OF THE ENGINEER, THE ENGINEER WILL HIRE A CONTRACTOR TO HAVE THE MATERIAL REMOVED AND THE CONTRACTOR SHALL BE BILLED (CHARGED) ACCORDINGLY.

2. THE INDISCRIMINATE USE OF FIRE HYDRANTS, 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/HER YARD, WRITTEN APPROVAL FROM THE AGENCY HAVING JURISDICTION FOR THE SOURCE OF THE WATER MUST BE RECEIVED BY THE CONTRACTOR PRIOR TO USE OF THE WATER.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REGULARLY SWEEPING AND CLEANING STREETS OF ANY DEBRIS AND MATERIAL THAT HAS ACCUMULATED AS A RESULT OF THE CONSTRUCTION ACTIVITY. A MECHANICAL SWEEPER, MECHANICALLY DRIVEN AIR AND HANDWORK WITH SHOVEL AND BROOM SHALL BE UTILIZED TO PROVIDE A CLEAN STREET FOR THE MOTORING PUBLIC. WITHIN 24 HOURS OF PLACING TACK COAT AND PAVING HMA, THE CONTRACTOR SHALL SWEEP THE PAVEMENT AND REMOVE STANDING WATER, EARTH, WEEDS, LEAVES, DIRT, CONSTRUCTION DEBRIS AND ALL LOOSE MATERIAL.

4. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY RESIDENTS, COMMERCIAL PROPERTY OWNERS, AND THE ENGINEER WHEN ACCESS TO THEIR DRIVEWAYS WILL BE ALTERED DUE TO SIDEWALK, DRIVEWAY, AND/OR CURB AND GUTTER REPLACEMENT. AT LOCATIONS WHERE THE SIDEWALK, DRIVEWAY, AND/OR CURB AND GUTTER IS SCHEDULED TO BE REMOVED, THE CONTRACTOR SHALL CONTACT THE PROPERTY OWNER 24 HOURS PRIOR TO THEIR REMOVAL. THESE ITEMS SHALL BE REMOVED AND RECONSTRUCTED HALF AT A TIME SUCH THAT THERE ARE NO DRIVEWAY CLOSURES.

5. WHEN REMOVING PAVEMENT, CURB AND GUTTER, SIDEWALK, AND/OR ANY OTHER STRUCTURES, THE USE OF ANY TYPE OF CONCRETE BREAKERS WHICH MIGHT DAMAGE UNDERGROUND PUBLIC OR PRIVATE UTILITIES AND BUILDING FOUNDATIONS WILL NOT BE PERMITTED. UNDER NO CIRCUMSTANCES WILL THE USE OF A FROST BALL BE PERMITTED.

6. FOR WORK OUTSIDE THE LIMITS OF BRIDGE APPROACH PAVEMENT, ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB AND GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLAN.

INDEX OF SHEETS

HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
442201-03	CLASS C AND D PATCHES
542401-02	METAL END SECTION FOR PIPE CULVERTS
602011-02	CATCH BASIN TYPE C
604036-03	GRATE TYPE 8
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
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
701901-06	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS

FILE NAME = c:\transystems\pw_local\transycorp-pw1\bshaefliger\d0483372\420902-GN.dgn	USER NAME = _USER_	DESIGNED - BSH	REVISED -
		DRAWN - BSH	REVISED -
	PLOT SCALE = 50.0000 ' / in.	CHECKED - DWB	REVISED -
$MODELNAME$	PLOT DATE = 5/15/2017	DATE - 05/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

POWIS ROAD RESURFACING
GENERAL NOTES AND HIGHWAY STANDARDS

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2530	16-00080-00-RS	DUPAGE	12	2
		CONTRACT NO. 61E09		
		ILLINOIS FED. AID PROJECT		

	SUMMARY OF QUANTITIES				
•	CODE NUMBER	ITEMS	UNIT	TOTAL QUANTITY	0005 ROADWAY 75% STU 25% LA
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	170	170
	20800150	TRENCH BACKFILL	CU YD	10	10
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1,217	1,217
	25000210	SEEDING, CLASS 2A	ACRE	0.25	0.25
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	23	23
	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	23	23
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	23	23
	25100630	EROSION CONTROL BLANKET	SQ YD	1,217	1,217
	25200200	SUPPLEMENTAL WATERING	UNIT	5	5
	28000510	INLET FILTERS	EACH	9	9
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	13	13
	35800100	PREPARATION OF BASE	SQ YD	185	185
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	1,239	1,239
	40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	25	25
	40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	201	201
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	36	36
	40600990	TEMPORARY RAMP	SQ YD	36	36
	40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	409	409
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	193	193
	44201701	CLASS D PATCHES, TYPE I, 5 INCH	SQ YD	91	91
	44201705	CLASS D PATCHES, TYPE II, 5 INCH	SQ YD	91	91
	44201709	CLASS D PATCHES, TYPE III, 5 INCH	SQ YD	91	91
	44201711	CLASS D PATCHES, TYPE IV, 5 INCH	SQ YD	91	91
	48101200	AGGREGATE SHOULDERS, TYPE B	TON	80	80
	50105220	PIPE CULVERT REMOVAL	FOOT	103	103
	54215547	METAL END SECTIONS 12"	EACH	4	4
	54215550	METAL END SECTIONS 15"	EACH	2	2
	542D0217	PIPE CULVERTS, CLASS D, TYPE 1 12"	FOOT	67	67
	542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	34	34
	60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	1	1
	60250200	CATCH BASINS TO BE ADJUSTED	EACH	3	3
	67100100	MOBILIZATION	LSUM	1	1

	SUMMARY OF QUANTITIES				
•	CODE NUMBER	ITEMS	UNIT	TOTAL QUANTITY	0005 ROADWAY 75% STU 25% LA
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1	1
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	1,098	1,098
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	382	382
	70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	123	123
	70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	10,876	10,876
	70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	96	96
	72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	1
•	72900200	METAL POST - TYPE B	FOOT	8	8
•	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	62	62
•	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	5,438	5,438
•	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	48	48
	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	3,615	3,615
	X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	60	60
	X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	382	382
	Z0004522	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 6"	SQ YD	324	324
	Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1
	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	139	139
	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	LSUM	1	1

• SPECIALTY ITEM

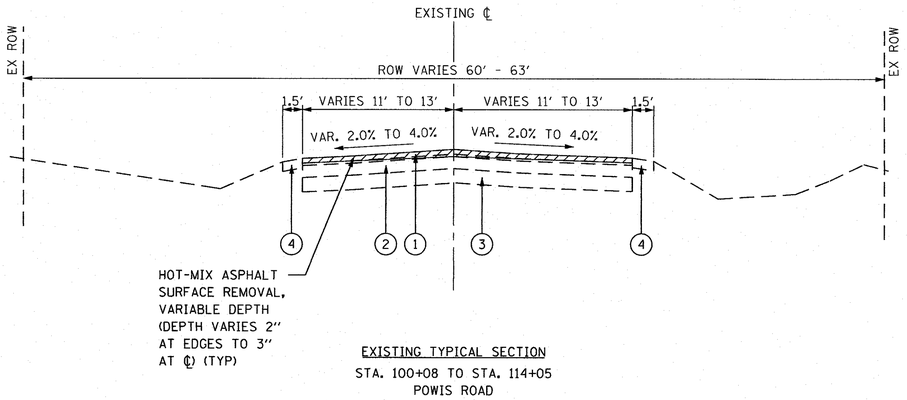
FILE NAME = c:\transystems\pw.local\transyscorp-pw1\bshaefliger\d0483372\480492-S00.dgn	USER NAME = _USER_	DESIGNED - BSH	REVISED -
		DRAWN - BSH	REVISED -
	PLOT SCALE = 50.0000 ' / in.	CHECKED - DWB	REVISED -
$MODELNAME$	PLOT DATE = 5/15/2017	DATE - 05/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

POWIS ROAD RESURFACING
SUMMARY OF QUANTITIES

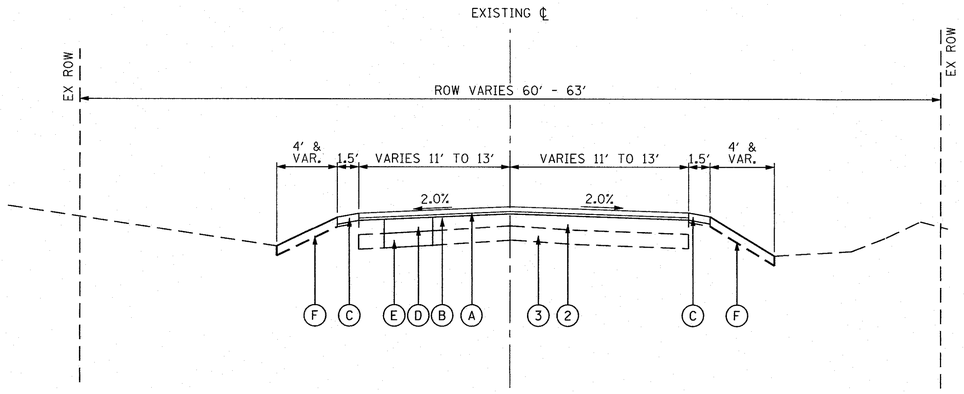
SCALE: | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2530	16-00080-00-RS	DUPAGE	12	3
		CONTRACT NO. 61E09		
	ILLINOIS	FED. AID PROJECT		



EXISTING TYPICAL SECTION

STA. 100+08 TO STA. 114+05
POWIS ROAD



PROPOSED TYPICAL SECTION

STA. 100+08 TO STA. 113+69
POWIS ROAD

LEGEND

(1) EXISTING HMA SURFACE COURSE, 2"

(2) EXISTING HMA BINDER COURSE, 6"

(3) EXISTING AGGREGATE BASE COURSE, 6"

(4) EXISTING AGGREGATE SHOULDERS, (CONTRACTOR SHALL CORE OUT THE TOP 3" OF THE EXISTING AGGREGATE SHOULDER. THIS SHALL BE PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS.)

(A) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"

(B) PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1" (BEFORE PLACEMENT OF BINDER, CONTRACTOR SHALL PREPARE THE EXISTING BASE ACCORDING TO SECTION 358 OF THE STANDARD SPECIFICATIONS AS NECESSARY. 10% OF THE ROADWAY SURFACE HAS BEEN ASSUMED IN THE CALCULATIONS.)

(C) PROPOSED AGGREGATE SHOULDERS, TYPE B, TON

(D) PROPOSED CLASS D PATCHES, 5" (AS DIRECTED BY ENGINEER)

(E) PROPOSED REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL AGGREGATE SUBGRADE IMPROVEMENT (AT PATCHING LOCATIONS AS DIRECTED BY ENGINEER)

(F) SEEDING, CLASS 2A
EROSION CONTROL BLANKET
TOPSOIL FURNISH AND PLACE, 4"
(AS DIRECTED BY ENGINEER)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes
HMA SURFACE COURSE, MIX "D", N50 (IL 9.5mm), 2"	4% @ 50 GYRATIONS
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1"	3.5% @ 50 GYRATIONS
CLASS D PATCHES (HMA BINDER IL-19 MM), 5" (IN 2 LIFTS)	4% @ 70 GYRATIONS
HOT-MIX ASPHALT DRIVEWAYS 6"	
HMA SURFACE COURSE, MIX "D", N50 (IL 9.5mm) 2"	4% @ 50 GYRATIONS
HMA BASE COURSE (HMA BINDER IL - 19mm) 4" (IN 2 LIFTS)	4% @ 50 GYRATIONS

NOTES:
1) THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
2) THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.
3) THE CONTRACTOR SHALL MILL BEFORE PATCHING.

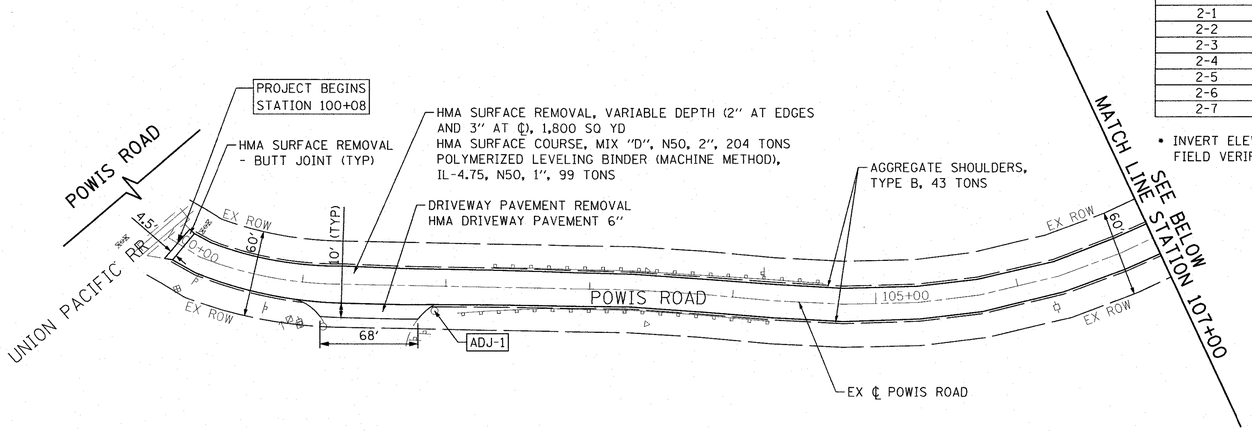
FILE NAME = c:\transystems\pw_local\transycorp-pw1\bshaefliger\d0483372\40092-TYPSECTIONS-1.dgn	USER NAME = _USER_	DESIGNED - BSH	REVISED -
		DRAWN - BSH	REVISED -
	PLOT SCALE = 50.0000 ' / in.	CHECKED - DWB	REVISED -
$MODELNAME$	PLOT DATE = 5/15/2017	DATE - 05/15/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

POWIS ROAD RESURFACING
TYPICAL SECTIONS

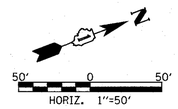
SCALE: | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2530	16-00080-00-RS	DUPAGE	12	4
		CONTRACT NO. 61E09		
		ILLINOIS FED. AID PROJECT		

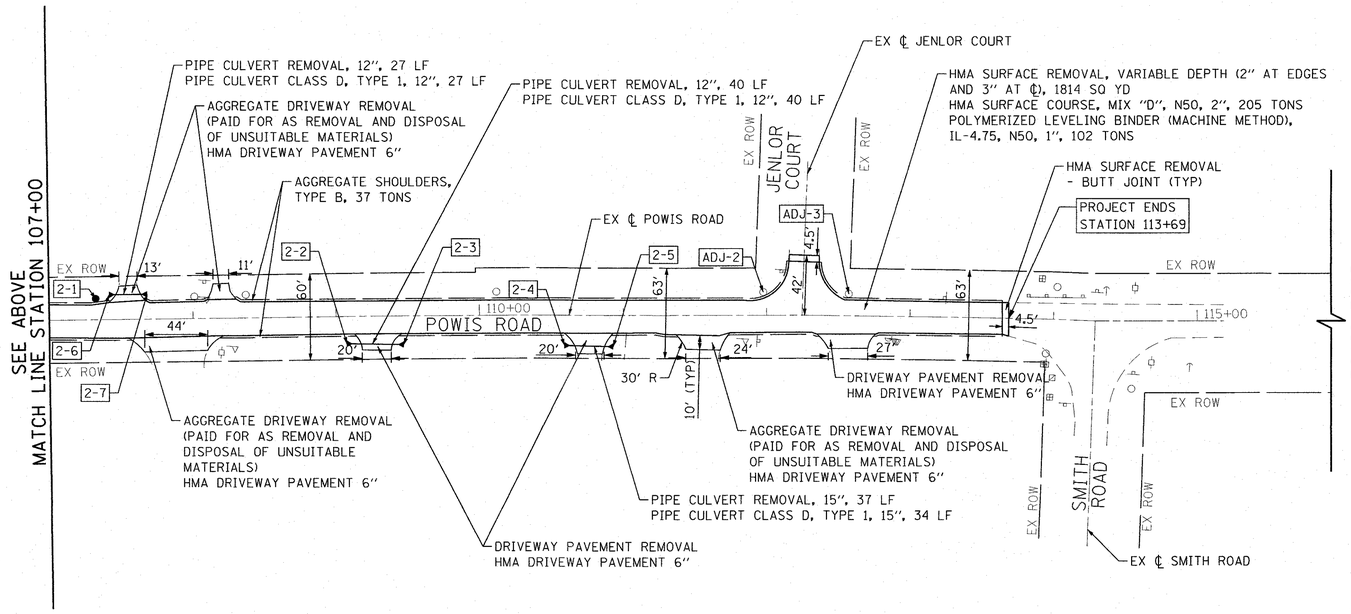


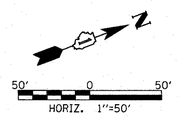
PROPOSED STRUCTURES						
STRUCTURE NUMBER	TYPE	SIZE	STATION	OFFSET	PROPOSED RIM ELEVATION	PROPOSED INVERT ELEVATION
2-1	CATCH BASIN	TYPE C, TYPE 8 GRATE	107+32	15.9' LT	756.45	751.45 •
2-2	METAL END SECTION	12"	109+07	18.9' RT		758.51
2-3	METAL END SECTION	12"	109+47	20.0' RT		758.95
2-4	METAL END SECTION	15"	110+59	21.0' RT		759.20
2-5	METAL END SECTION	15"	110+93	21.8' RT		759.30
2-6	METAL END SECTION	12"	107+41	18.5' LT		756.53
2-7	METAL END SECTION	12"	107+68	18.4' LT		757.05

• INVERT ELEVATION IS APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY BEFORE ORDERING STRUCTURE.



STRUCTURE ADJUSTMENTS					
STRUCTURE NUMBER	ACTION	STATION	OFFSET	EXISTING RIM ELEVATION	PROPOSED RIM ELEVATION
ADJ-1	CATCH BASIN TO BE ADJUSTED	101+92	17' RT	752.99	753.32
ADJ-2	CATCH BASIN TO BE ADJUSTED	111+97	16' LT	759.36	759.53
ADJ-3	CATCH BASIN TO BE ADJUSTED	112+57	16' LT	759.26	759.59





NOTES:

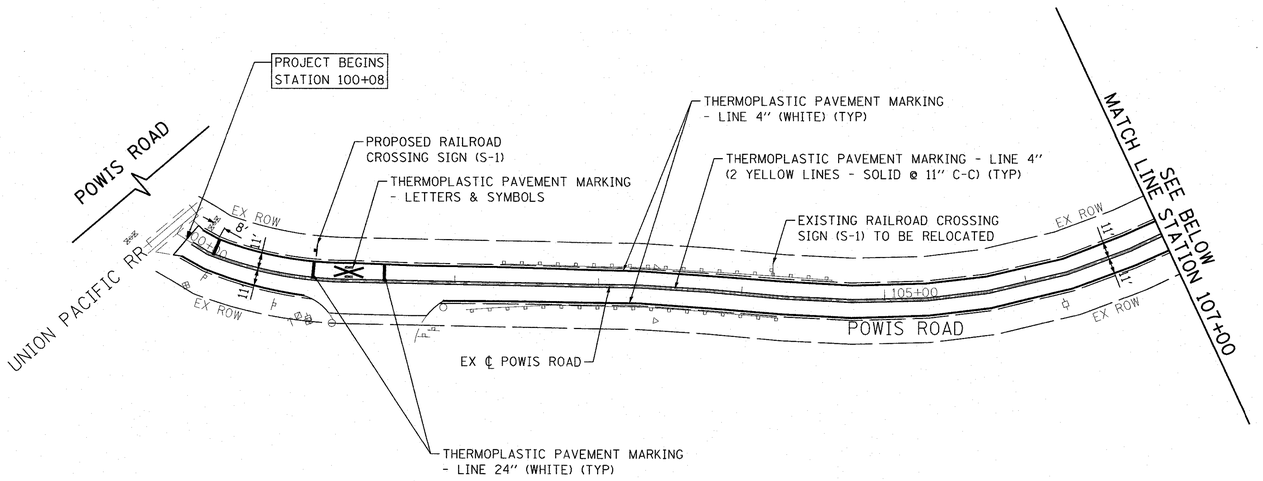
1. PIPE CULVERT REMOVAL SHALL INCLUDE THE REMOVAL OF CULVERT END SECTIONS.
2. LOCATION OF STATIONS AND OFFSETS OF ALL END SECTIONS IS AT THE INVERT OF THE PIPE.
3. THE CONTRACTOR SHALL VERIFY ALL INVERTS IN THE FIELD BEFORE REPLACEMENT. THE TOP OF DRIVEWAY CULVERT PIPES SHALL BE A MINIMUM OF 3" BELOW THE TOP OF DRIVEWAY PAVEMENT.
4. THE LIMITS OF RESTORATION SHALL BE TO THE TOE OF SLOPE OR NOT TO EXCEED 5' FROM THE EDGE OF SHOULDER. ANY RESTORATION BEYOND THIS SHALL BE AT THE CONTRACTOR'S EXPENSE.
5. CONTRACTOR SHALL CORE OUT THE TOP 3" OF THE EXISTING AGGREGATE SHOULDER. THIS SHALL BE PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS.

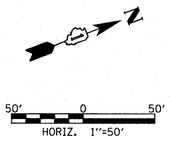
FILE NAME = c:\transystems\pw_local\transyscorp-pwl\p\sheefliger\d0483372\40092-PLAN-1-POWIS.dgn	USER NAME = _USER_	DESIGNED - BSH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
		DRAWN - BSH	REVISED -	
	PLOT SCALE = 50.0000 ' / in.	CHECKED - DWB	REVISED -	
$MODELNAME$	PLOT DATE = 5/15/2017	DATE - 05/15/17	REVISED -	

POWIS ROAD RESURFACING
ROADWAY PLAN

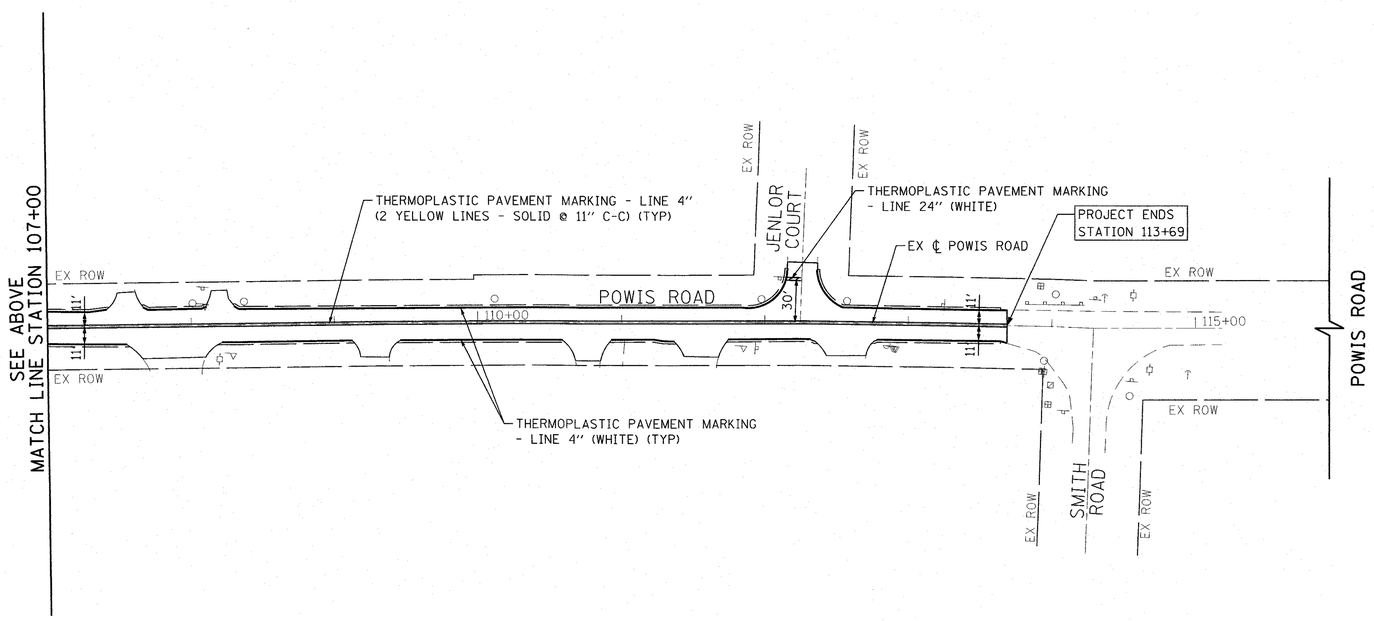
SCALE: 1"=50' | SHEET 1 OF 1 SHEETS | STA. | TO STA.

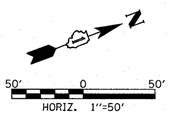
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2530	16-00080-00-RS	DUPAGE	12	5
		CONTRACT NO. 61E09		
		ILLINOIS FED. AID PROJECT		





SIGN NUMBER	MUTCD CODE	EXISTING STATION	EXISTING OFFSET	EXISTING WIDTH (IN)	EXISTING HEIGHT (IN)	EXISTING AREA (SQ FT)	RELOCATE SIGN PANEL ASSEMBLY TYPE A	PROPOSED STATION	PROPOSED OFFSET	METAL POST TYPE B (FT)
S-1	W10-1	104+20	18' LT	36	36	9	1	101+00	20' LT	8





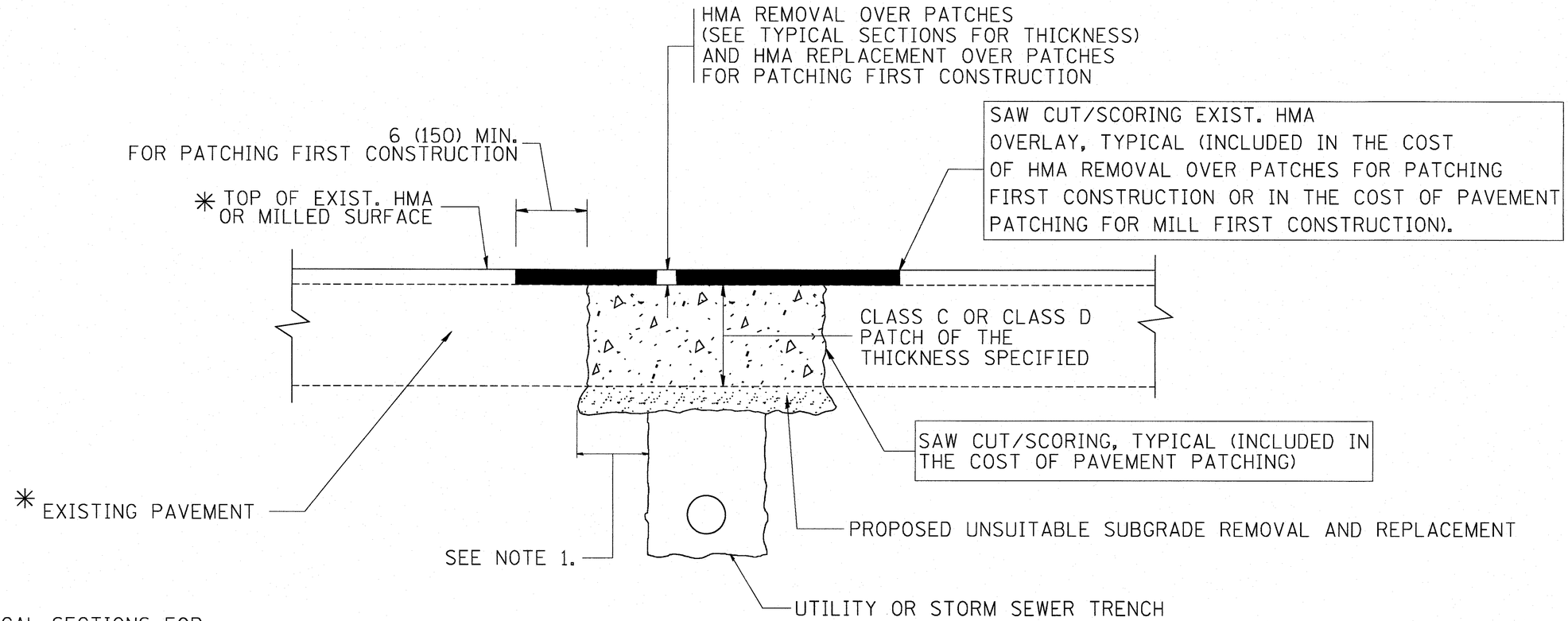
FILE NAME = c:\transystems\pw_local\transyscorp-pw1\bshaefliger\d0483372\40092-PM-1-POWIS.dgn	USER NAME = _USER_	DESIGNED - BSH	REVISED -	
		DRAWN - BSH	REVISED -	
	PLOT SCALE = 50.0000 ' / in.	CHECKED - DWB	REVISED -	
$MODELNAME$	PLOT DATE = 5/15/2017	DATE - 05/15/17	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

POWIS ROAD RESURFACING
PAVEMENT MARKING PLAN

SCALE: 1"=50' | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2530	16-00080-00-RS	DUPAGE	12	6
		CONTRACT NO. 61E09		
		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 4½ 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.

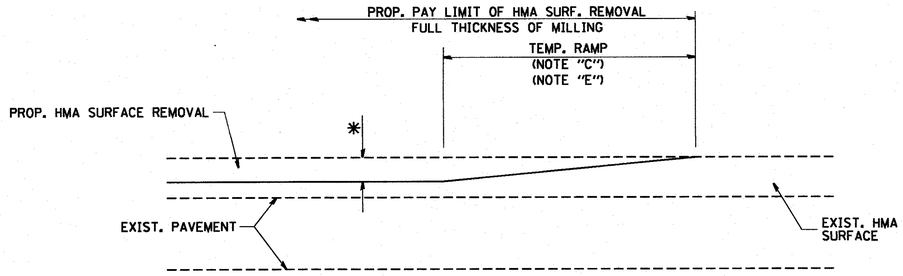
FILE NAME = c:\projects\diststd22x34\bd22.dgn	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98
		DRAWN -	REVISED - R. BORO 01-01-07
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - R. BORO 09-04-07
	PLOT DATE = 10/27/2008	DATE - 10-25-94	REVISED - K. ENG 10-27-08

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT

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

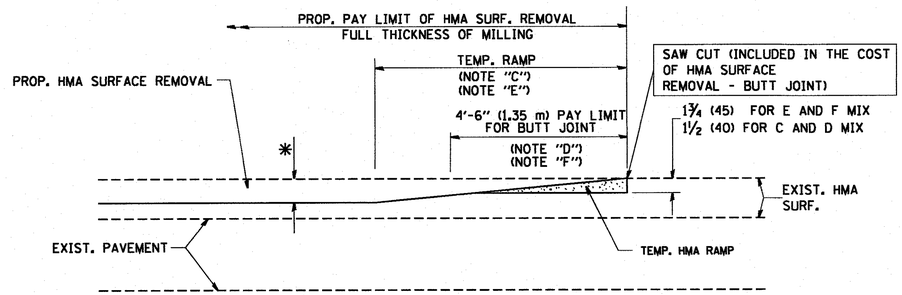
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2530	16-00080-00-RS	DUPAGE	12	7
	BD400-04 (BD-22)	CONTRACT NO. 61E09		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

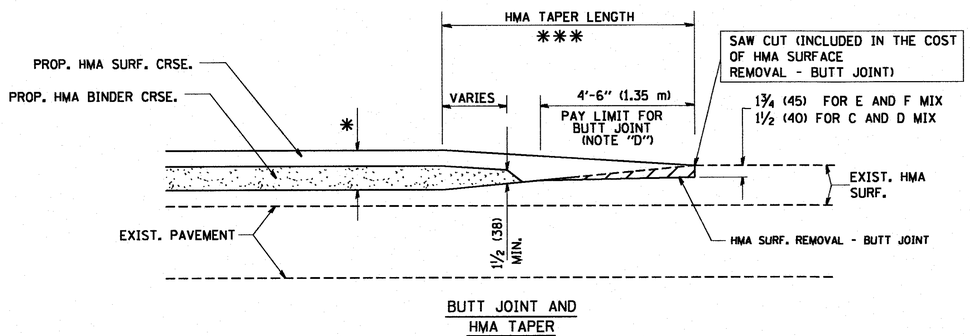


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

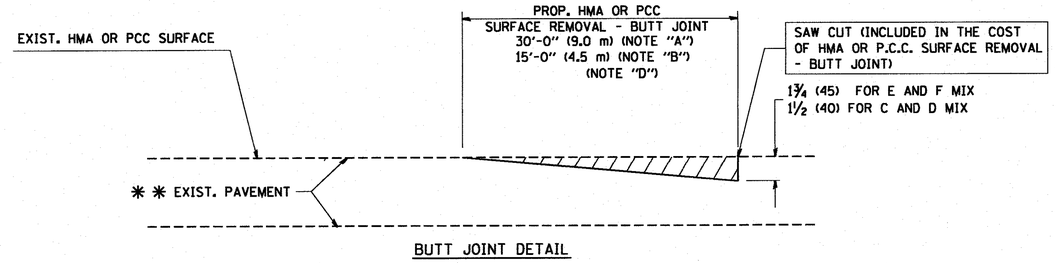
OPTION 2

TYPICAL TEMPORARY RAMP

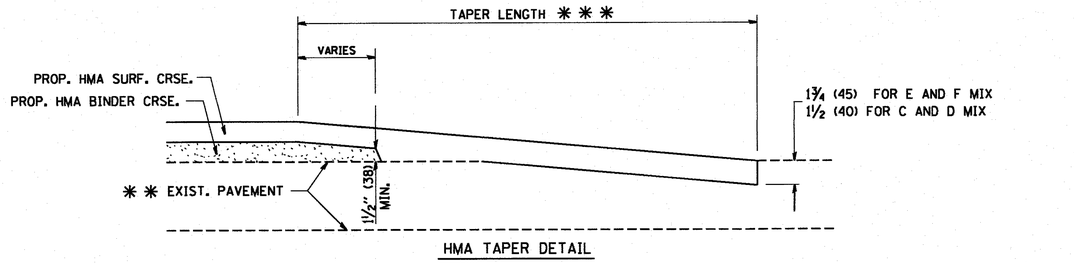


BUTT JOINT AND HMA TAPER

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.

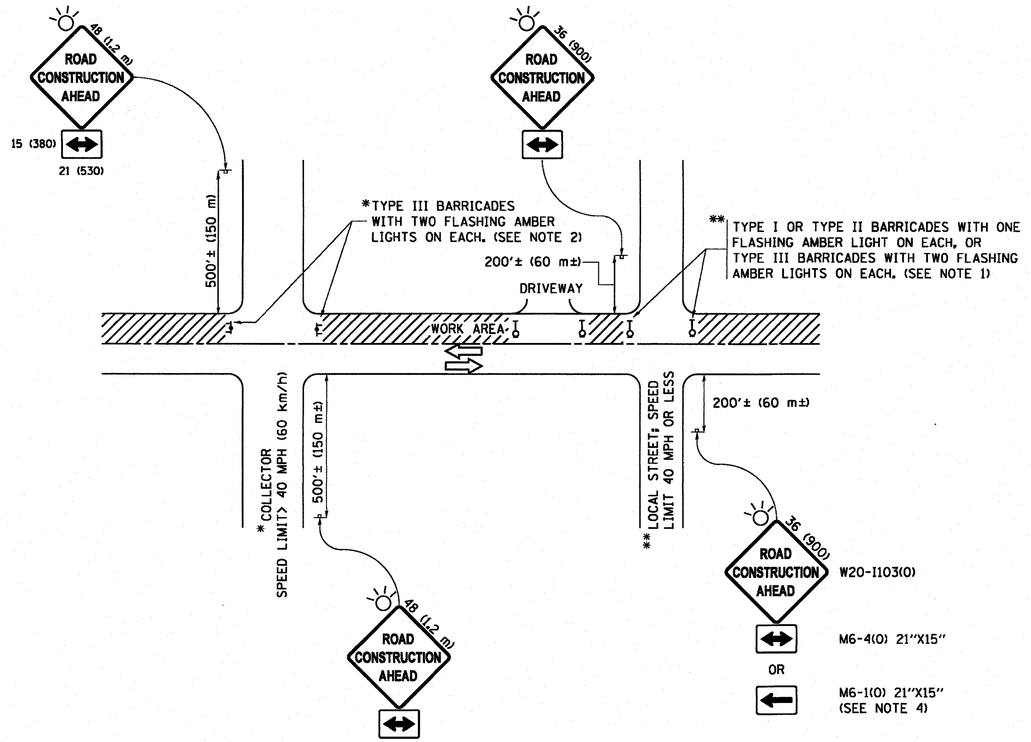
FILE NAME = W:\diststd\22x34\bd32.dgn	USER NAME = gaglianobt	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

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.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2530	16-00080-00-RS	DUPAGE	12	8
	BD400-05 BD32	CONTRACT NO. 61E09		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



NOTES:

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

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

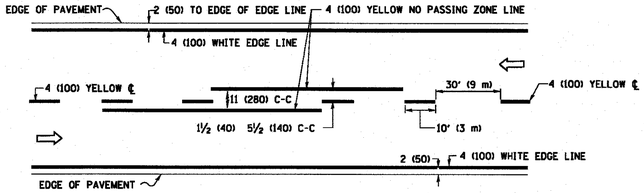
FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist\DRAWN\CADData\CADsheets\tc10.dgn	USER NAME = footemj	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
			REVISED - T. RAMMACHER 01-06-00
	PLOT SCALE = 50.000 ' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
Default	PLOT DATE = 9/15/2016	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

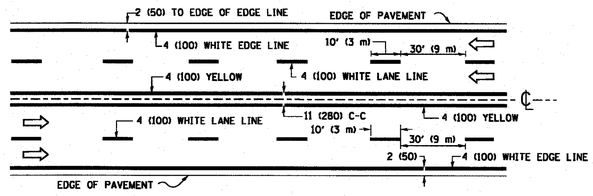
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

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

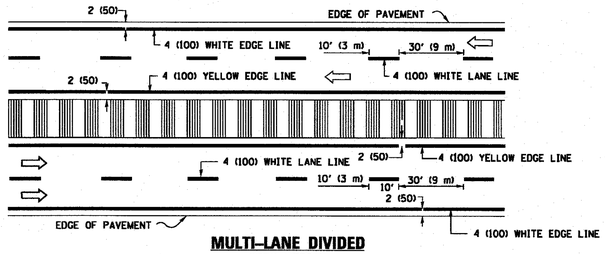
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2530	16-00080-00-RS	DUPAGE	12	9
	TC-10	CONTRACT NO. 61E09		
		ILLINOIS FED. AID PROJECT		



2–LANE ROADWAY

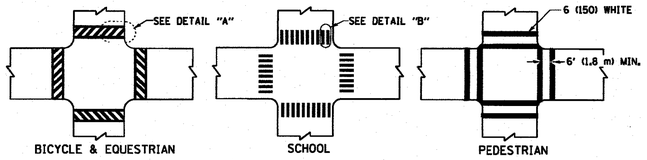


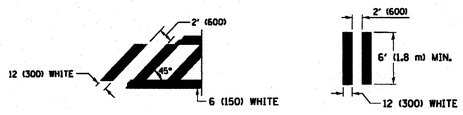
MULTI–LANE UNDIVIDED



MULTI–LANE DIVIDED
WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

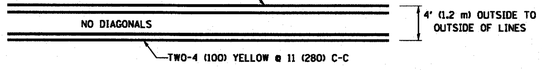




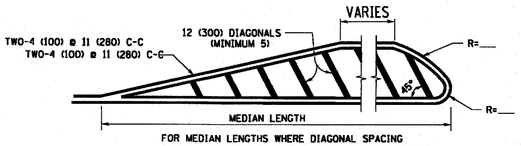
DETAIL "A" **DETAIL "B"**

TYPICAL CROSSWALK MARKING

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



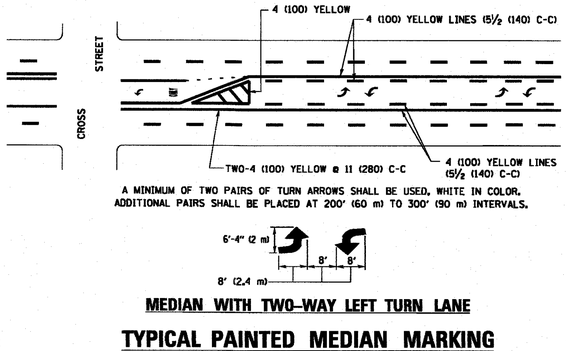
4' (1.2 m) WIDE MEDIANS ONLY



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

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

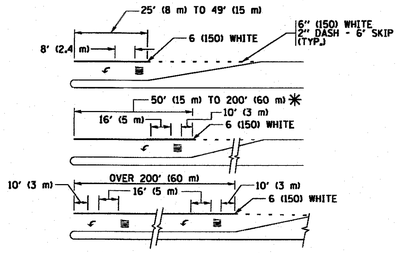
MEDIANS OVER 4' (1.2 m) WIDE



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

MEDIAN WITH TWO–WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

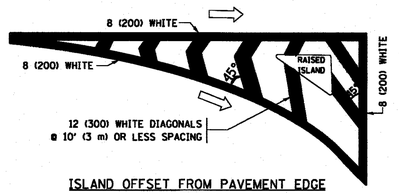


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
↰ AREA = 15.6 SQ. FT. (1.5 m^2) ONLY AREA = 20.8 SQ. FT. (1.9 m^2)

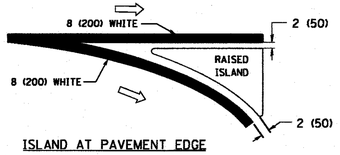
✳ TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

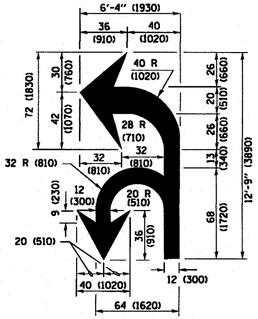


ISLAND OFFSET FROM PAVEMENT EDGE

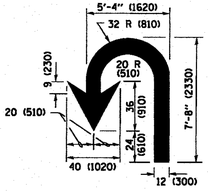


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

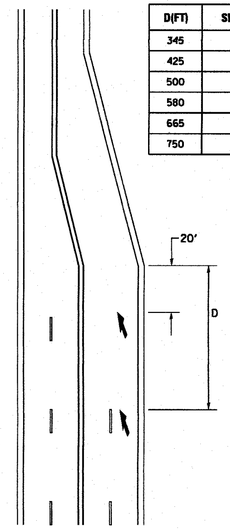


COMBINATION LEFT AND U–TURN



U–TURN

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



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	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS: 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m^2) EACH "X"=54.0 SQ. FT. (5.0 m^2)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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

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

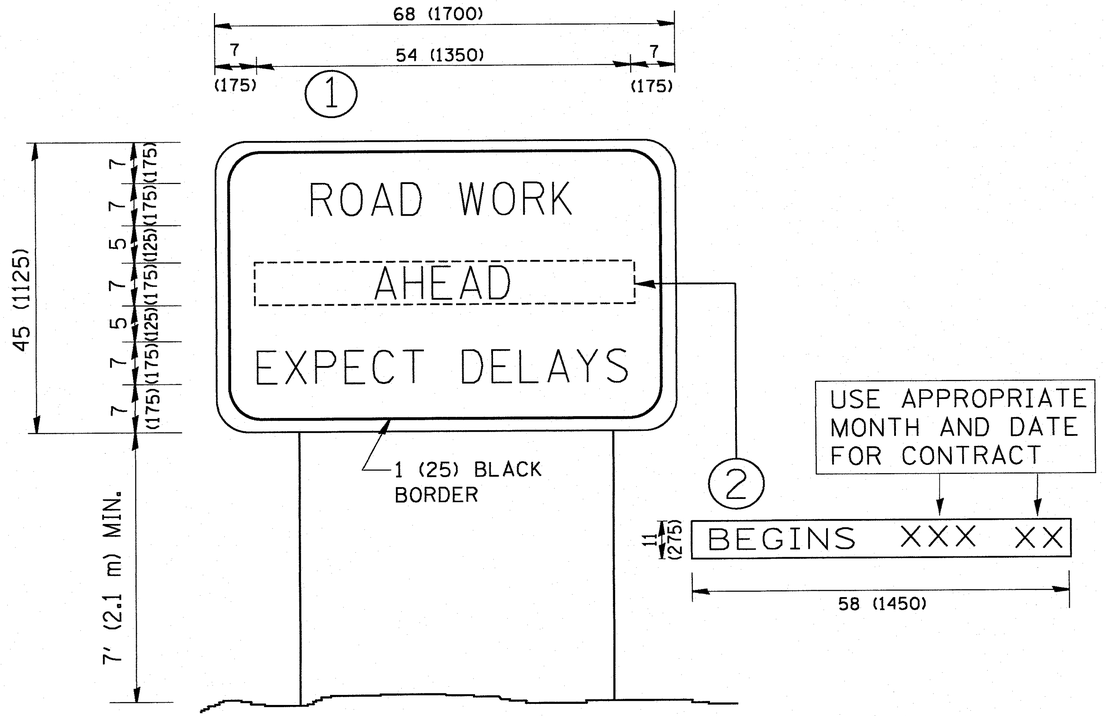
FILE NAME = pw:\\IL084EBIDINTEG.illinois.govIPWIDOT\Documents\IDOT Offices\District 1\Projects\Dist\$\DRAWN\CADData\CADsheets\tol3.dgn	USER NAME = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
	PLOT SCALE = 50.000 ' / in.	CHECKED -	REVISED - C. JUCIUS 07-01-13
Default	PLOT DATE = 4/13/2016	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
			REVISED - C. JUCIUS 04-12-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2530	16-00080-00-RS	DUPAGE	12	10
	TC–13	CONTRACT NO. 61E09		
	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.

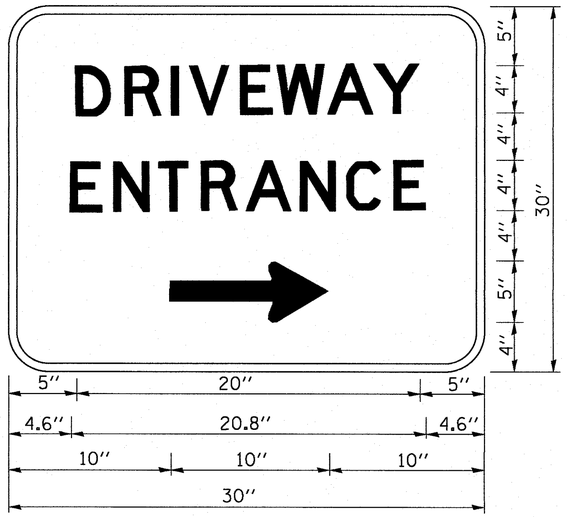
FILE NAME = W:\diststd\22x34\tc22.dgn	USER NAME = gaglianobt	DESIGNED -	REVISED - R. MIRS 09-15-97
		DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED -T. RAMMACHER 02-02-99
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD
INFORMATION SIGN

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2530	16-00080-00-RS	DUPAGE	12	11
	TC-22	CONTRACT NO. 61E09		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



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

NOTES:

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

FILE NAME = c:\pw_work\pwidot\gaglianobt\d0128315\tc26.dgn	USER NAME = gaglianobt	DESIGNED -	REVISED - C. JUCIUS 02-15-07
	PLOT SCALE = 50.000 '/ in.	DRAWN -	REVISED -
	PLOT DATE = 12/13/2012	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY ENTRANCE SIGNING

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2530	16-00080-00-RS	DUPAGE	12	12
	TC-26	CONTRACT NO. 61E09		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		