

ADAMS COUNTY HIGHWAY DEPARTMENT COMMITTEE

**THURSDAY, JANUARY 9, 2014 AT 9:00 A.M.
HIGHWAY DEPARTMENT CONFERENCE ROOM
1342 COUNTY ROAD "F", ADAMS, WI**

MEMBERS PRESENT: Larry Babcock, Chairperson
Dean Morgan, Vice-Chairperson
Florence Johnson
Patrick Gatterman
James Bays

OTHERS PRESENT: Patrick Kotlowski ~ Highway Commissioner, Barbara Morgan and Dan Rossiter

CALL MEETING TO ORDER: The Meeting of the Adams County Highway Department Committee was called to order by Chairperson – Larry Babcock at 9:00 A.M., on Thursday, January 9, 2014.

WAS THE MEETING PROPERLY ANNOUNCED? YES

ROLL CALL: BABCOCK, JOHNSON, GATTERMAN, MORGAN AND BAYS. ALL MEMBERS PRESENT.

APPROVAL OF AGENDA: *Motion by Gatterman to approve the Agenda as presented, second by Bays. VOICE VOTE, ALL IN FAVOR. MOTION CARRIED.*

APPROVAL OF MINUTES OF LAST MEETING (DECEMBER 12, 2013): *Motion by Bays to approve the Minutes as printed of the Adams County Highway Department Committee Meeting for December 12, 2013 Regular Monthly Meeting, second by Morgan. VOICE VOTE, ALL IN FAVOR. MOTION CARRIED.*

PUBLIC PARTICIPATION ON AGENDA ITEMS: Public participation was requested for the following agenda items:

- County Road G / County Road O Intersection Improvement

REVIEW & ACT ON GENERAL ENGINEERING CONTRACT: General Engineering quotes were received and reviewed by the Highway Committee. *Motion by Bays to award the 2014 General Engineering contract to AECOM, second by Gatterman. VOICE VOTE, ALL IN FAVOR. MOTION CARRIED. (Attached to Minutes is a summary of all quotes that were received)*

COUNTY ROAD G / COUNTY ROAD O INTERSECTION IMPROVEMENT: AECOM representative Dan Rossiter presented to the Highway Committee a revised plan and plat for the drainage and intersection improvements at County Road G & County Road O. *Motion by Gatterman to approve the revised plan and plat for the County Road G / County Road O Intersection Improvement as presented, which identifies a permanent drainage easement, second by Morgan. VOICE VOTE, ALL IN FAVOR. MOTION CARRIED.*

REVIEW & ACT ON COUNTY DRIVEWAY ORDINANCE: The revised County Driveway Ordinance was discussed and reviewed by the Highway Committee. *Motion by Bays to approve and forward to County Board the Revised Driveway Ordinance, including attachment as presented, second by Gatterman. VOICE VOTE, ALL IN FAVOR. MOTION CARRIED. (Attached to Minutes is the Revised County Driveway Ordinance)*

**ADAMS COUNTY HIGHWAY DEPARTMENT COMMITTEE MEETING
JANUARY 9, 2014 ~ 9:00 A.M.**

REVIEW & ACT ON STATE OF WIS. DEPT OF TRANSPORTATION TMA (TRAFFIC MAINTENANCE AGREEMENT): *Motion by Bays to approve the State D.O.T. Traffic Maintenance Agreement for 2014 in the amount of \$145,000.00, which consists of the North Central Pavement Marking, second by Morgan. VOICE VOTE, ALL IN FAVOR. MOTION CARRIED.*

REPORT ON HIGHWAY DEPARTMENT OPERATIONS:

- Brushing
- Snow and Ice Events
- Section Reports
- Executive Agenda

FINANCIAL REPORT: *Motion by Gatterman to approve the December 2013 Prior to Audit & Vouchers Payable Financial Report as audited, second by Bays. VOICE VOTE, ALL IN FAVOR. MOTION CARRIED.*

VOUCHERS: The Highway Department monthly check summary report was presented to the Committee for review. Committee members reviewed the January 8, 2014 Monthly Check Summary Report that is provided to the Highway Committee by the Administrator Coordinator / Director of Finance Department. *Motion by Gatterman to approve the Monthly Check Summary report as presented, second by Bays. VOICE VOTE, ALL IN FAVOR. MOTION CARRIED.*

RECESS TO JOINT HIGHWAY / ADMIN FINANCE MEETING 11:30 A.M. *Motion by Johnson to recess to the Joint Highway / Admin Finance Meeting, second by Morgan. VOICE VOTE, ALL IN FAVOR. MOTION CARRIED. Recessed at 11:05 A.M.*

Motion by Gatterman to reconvene the Highway Committee Meeting, second by Johnson. VOICE VOTE, ALL IN FAVOR. MOTION CARRIED. Reconvened at 12:40 P.M.

DISCUSS & ACT ON FUTURE ROAD CONSTRUCTION PROJECTS: *Motion by Gatterman to postpone Discuss & Act on Future Road Construction Projects until next month, second by Bays. VOICE VOTE, ALL IN FAVOR. MOTION CARRIED.*

IDENTIFY POSSIBLE UPCOMING AGENDA ITEMS:

- Discuss & Act on Future Road Construction Projects

SET NEXT MEETING DATE AND ADJOURN: *Motion by Gatterman, second by Johnson, to adjourn until the next scheduled meeting for the Highway Department on, Thursday, February 6, 2014 at 9:00 A.M. at the Highway Department. VOICE VOTE, ALL IN FAVOR. MOTION CARRIED.*

Meeting adjourned at 12:45 P.M.

Respectfully submitted,

Patrick Kotlowski, Recording Secretary

THESE MINUTES HAVE NOT BEEN APPROVED BY THE COMMITTEE

**ADAMS COUNTY ORDINANCE
ESTABLISHING A COUNTY HIGHWAY DRIVEWAY ACCESS POLICY**

The County Board of Adams County, State of Wisconsin, does hereby ordain as follows:

SECTION 1: AUTHORITY AND GENERAL

1.1 Driveway permits are issued under the authority of Section 86.07(2), Wisconsin Statutes.

The Adams County Highway Department (hereinafter "Highway Department") has the authority over and is responsible for the maintenance of the county trunk lettered highway system and all other county owned town roads (both referred to hereinafter "county highway"). The Highway Department oversees the driveway permit process, including surveillance and issuance of permits.

1.2 Driveway changes noted through monitoring are investigated to insure that they have been authorized and that they do not adversely affect the use of the highway. All changes must conform to the standards set forth by this policy and the Highway Department's discretion.

The purpose of the design standards are to promote orderly and safe movement in and out of private and public properties, to minimize interference with highway traffic, and to preserve the physical structure of the highway for convenience, general welfare, and economic viability.

SECTION 2: PERMIT PROCESS

2.1 Any owner of the land adjacent to county highway right-of-way who wishes to construct a driveway, or change its surface type, or work in Right of Way shall apply to the Highway Department for a permit. Anyone requesting a permit should complete an application in compliance with this policy and the Wisconsin Statutes and file the application with the Highway Department. The Highway Department will review the application using the following guidelines: No person shall commence or continue construction of any driveway, or request or allow others to commence or continue construction of any driveway on that person's property, unless a permit has been issued in accordance with this policy.

2.2 Procedure to follow in considering a permit for a driveway:

- a) The property owner or owner's agent shall apply for a permit. The application should be filled out completely and returned to the Highway Department.
- b) The property owner or owner's agent shall obtain a zoning determination. That zoning determination must accompany the completed permit application when it is turned into the Highway Department. A zoning determination will not be required for surface change to an existing approved driveway.
- c) The permit application will be reviewed by the Highway Department for conformance with this policy and with all applicable state, federal, and local laws, regulations, and policies.
- d) The Highway Department if requested may review the permit request with the applicant so that all needed information can be obtained and all requirements and restrictions can be explained.
- e) Applications for permits may be approved only by the Adams County Highway

56 Commissioner or by one assistant if such assistant is so designated by the Highway
57 Commissioner and approved by the Adams County Highway Committee. The Highway
58 Commissioner or the designated assistant shall indicate approval by signature before any
59 permit may be issued.
60

61 f) The Highway Department will retain a copy of the application on file. The permittee
62 shall retain the original.
63

64 2.3 During the review process, the following criteria should be considered:
65

66 a) Zoning - The Highway Department shall support local zoning ordinances and shall not
67 conflict with local zoning restrictions. Any conflicts with future projects, access control,
68 scenic easements, certified survey map restrictions, subdivision plat restrictions, highway
69 easements or recorded covenants, shall be resolved before issuance of permit.
70

71 b) Access to Property – Conforms to section 5.2.
72

73 c) Sight Distance – Conforms to table in section 5.1.
74

75 d) Driveway Grade - A driveway approach grade or intersecting area at the edge of the
76 shoulder shall be provided adjacent to the highway to insure drainage away from the
77 highway surface.
78

79 2.4 If the application is approved as provide in section 2.2(c), a permit will be issued. The applicant
80 shall construct the driveway utilizing a pre-approved traffic control procedure explained by an
81 authorized Highway Department employee. Each permit will be valid for one driveway location
82 only.
83

84 2.5 Construction must proceed in accordance with this policy, and in conformance with all
85 specifications, limitations, and conditions set out in the application and permit, unless
86 modification is approved in writing by the Highway Commissioner or the person designated
87 under section 2.2(d). The Highway Department shall inspect the site of each driveway before and
88 during construction to ensure compliance.
89

90 2.6 If the application is denied, the Highway Department shall notify the applicant and explain the
91 reason for denial.
92

93 2.7 A permit is valid for construction of a driveway within one year of issuance. After one year has
94 expired, the permit will no longer be valid and a new permit must be applied for and issued
95 before construction may be commenced or continued.
96

97 2.8 The applicant shall pay to the Highway Department a fee for each permit application according to
98 a fee schedule as established by the Adams County Highway Committee.
99

100 2.9 This section applies to all new driveway construction. A new driveway is defined to include
101 expansion, surface type change, and or relocation of an existing driveway where either edge or
102 both edges of the driveway will be moved twenty (20) feet or more from the location of the
103 corresponding edge of the existing driveway, or when the expansion or relocation would result in
104 any violation of section 5 of this policy.
105

106 SECTION 3: EXISTING DRIVEWAY REGULATIONS 107

108 3.1 This section applies only to driveways which were constructed prior to the effective date of
109 Adams County Ordinance 10-1992.
110

111 3.2 No driveway constructed before the effective date of Adams County Ordinance 10-1992 may be
112 altered unless a permit has been issued for the driveway and the driveway meets the standards

113 prescribed by this policy. This does not pertain to surface maintenance, for example grading
114 existing gravel or sealing the existing asphalt surface. Driveway surface maintenance is
115 permissible without issuance of a permit. A surface type change does require a permit.
116

117 3.3 The county shall not be liable for injury to persons or property due to headwalls or riprap at the
118 ends of driveway culverts, if the owner is notified to remove them. This type of construction is
119 not permitted under this policy.
120

121 3.4 Maintenance of driveways is the responsibility of the property owner or occupant, and
122 maintenance of side roads is the responsibility of the local governing body.
123

124 SECTION 4: PERMIT REQUIREMENTS 125

126 4.1 The permittee in making the application agrees to the following:
127

128 a) The permittee shall furnish all materials, do all work, and pay all costs in connection with
129 the construction of the driveway and its appurtenances on the right-of-way.
130

131 b) The permittee shall make the installation without jeopardy to or interference with traffic
132 using the highway. Highway surfaces, shoulders, ditches, and vegetation disturbed shall
133 be restored to equivalent of original condition by the permittee.
134

135 c) No revisions or additions shall be made to the driveway or its appurtenances on the right-
136 of-way without the written permission of the Highway Commissioner or the person
137 designated under section 2.2(d) of this policy.
138

139 d) The Highway Department reserves the right to make such changes, additions, repairs, and
140 relocations within statutory limits to the driveway or its appurtenances on the right-of-
141 way as may at any time be considered necessary to permit the relocation, reconstruction,
142 widening, and maintaining of the highway or to provide proper protection to life and
143 property on or adjacent to the highway.
144

145 e) That the permittee, his successors, or assigns agree to hold harmless the county of Adams
146 and its duly appointed agents and employees against any action for personal injury or
147 property damage sustained by reason of the exercise of the permit.
148

149 f) The Highway Department does not assume any responsibility for the removal or
150 clearance of snow, ice, or sleet or the opening of windrows of such materials upon any
151 portion of any driveway or entrance along with any county highway even though snow,
152 ice, or sleet is deposited or wind rowed on said driveway or entrance by its authorized
153 representatives engaged in normal winter maintenance operations.
154

155 g) The permit shall contain the statement and be subject to the condition that the work shall
156 be constructed subject to the rules and regulations prescribed by the county highway
157 department and be performed and completed to the county highway department's
158 satisfaction.
159

160 h) In case of temporary alterations the highway shall be restored to its former condition and
161 the permittee shall be liable to Adams County for all damages which occur during the
162 progress of said work or as a result thereof.
163

164 i) Nothing herein shall abridge the right of the Highway Department, the county board, or
165 highway committee to make such additional rules, regulations and conditions as may be
166 deemed necessary and proper for the preservation of highways and for the safety of the
167 public.
168
169

170 SECTION 5: LOCATIONS, DESIGNS, AND CONSTRUCTION

171
172 5.1 Sight Distance Requirement. Access driveways to highways from abutting properties shall
173 comply with the following sight distance requirements that are consistent with AASHTO
174 Geometric Design of Highways and Streets Stopping Sight Distance:
175

176	Design Speed	Stopping Sight Distance
177	(mph)	(feet)
178		
179		
180	25	155
181	30	200
182	35	250
183	40	305
184	45	360
185	50	425
186	55	495
187	60	570
188	65	645
189	70	730

- 190
- 191 • Stopping Sight Distance. Will be determined by the following method. Sight distance
- 192 shall be measured from a point 10’ from the edge of the traveled way in the proposed
- 193 access location, and measured from a height of 3.50 feet to the height of an object
- 194 3.50 feet on the County Trunk Highway.
- 195

196 5.2 Number and Width of Driveways per Land Use. The maximum number and width of access
197 driveways per land use to highways and service roads shall be as follows:
198

199 Type of Access Definitions:

- 200 ○ Commercial - an application occupied with or engaged in commerce or work intended for
- 201 commerce. The following are intended to be examples and are not all inclusive: retail
- 202 businesses, whole sale businesses, apartment complexes (more than four (4) units) or
- 203 condominium complexes more than four (4) units), service businesses.
- 204 ○ Schools – An access established for an elementary school, middle school, junior high
- 205 school, and high school or accredited College/Technical School.
- 206 ○ Industrial – an operation that is engaged in industrial production, something has to be
- 207 made or assembled at this location.
- 208 ○ Churches – a place of assembly for religious observances specifically built to
- 209 accommodate more people than may legally reside on the property.
- 210 ○ Park Uses – an area open for use by the general public for recreation.
- 211 ○ Residential Uses – when the sole use of the property is for a residence or residences up to
- 212 four units.
- 213 ○ Agricultural Uses –for uses concerned with the practices producing/raising crops and/or
- 214 raising livestock.
- 215
- 216
- 217
- 218
- 219
- 220
- 221
- 222
- 223
- 224

225 226 227 228 229 230 231 232 233 234	Type of Access Driveway	Maximum Number of Access Driveways	Maximum/Minimum Width
229 230 231	Commercial, Schools, Industrial, Churches and Park Uses	2	40/24 feet
232	Residential Uses	1	36/16 feet
233 234	Agricultural Uses	1 per parcel	50/24 feet
235 236 237 238	5.3 <u>Driveway Surfaces.</u> The surface of the driveways can be a flexible bituminous asphalt type of pavement or gravel type. There will not be any portland cement surfaces accepted within the right-of-way unless the county trunk highway had been laid with portland cement.		
239 240 241 242 243 244	5.4 <u>Driveway Slope.</u> The surface of the driveway connecting with rural type highway sections shall slope down and away from the highway shoulder a sufficient amount and distance to preclude ordinary surface water drainage from the driveway area flowing onto the highway roadbed. Every driveway shall have sloped sides at a minimum of 4:1 grade ratio or flatter and should be laid as shown on figure 15.		
245 246 247 248 249	5.5 <u>Culverts, Drainage, Curbs, and Gutters.</u> The driveway shall not obstruct or impair drainage in highway side ditches or roadside areas. Driveway culverts, where necessary, require endwalls and shall in no case be less than the equivalent of 15-inch diameter pipe. When any curb or gutter is removed for constructing a driveway, the new connection shall be restored.		
250 251 252 253	5.6 <u>Backfill Material.</u> Backfill material for all types of driveways shall be a cohesive granular gravel type material not exceeding 1" in diameter. Construction debris and or waste concrete shall not be allowed.		
254 255 256	5.7 <u>Pre-existing Lots of Record.</u> This policy shall not be enforced in such a way as to deny access to lots of record which are in existence prior to the adoption of Adams County Ordinance 10-1992.		
257 258 259	5.8 <u>Corner Lots.</u> Where a parcel abuts more than one public road and where such roads are classified differently, access shall be required onto the road with the lowest classification, where possible.		
260 261	5.9 <u>Vision.</u> Corners must be free of all obstructions at each access point.		
262 263 264 265	5.10 <u>Identified Bicycle Routes.</u> Driveway accesses proposed and approved on identified bicycle routes per the Adams County Bicycle Plan will require a paved apron. The apron width will be 8' and the responsibility of the applicant. Failure to comply with this condition will result in the revocation of the driveway permit.		
267	<u>SECTION 6: COMMERCIAL</u>		
269 270 271	6.1 <u>Application.</u> Section 6 applies to rural type highway classification driveways serving commercial or industrial, schools, churches, and park establishments.		
272 273 274	6.2 <u>Width of Drive.</u> Commercial driveways will not have a width less than 24' or greater than 40' measured at right angles to the centerline of the driveway, except as increased by radii.		
275 276 277	6.3 <u>Return Radius.</u> No return radius projected between the edge of highway pavement and the driveway shall be greater than 40 feet.		
278 279 280	6.4 <u>Angular Placement of Drive.</u> The centerline of that part of the driveway lying on the county right of way shall be at approximately right angles to the pavement.		

281 SECTION 7: RESIDENTIAL

- 282
- 283 7.1 Application. Section 7 applies to rural type highway classification driveways serving residential
- 284 property.
- 285
- 286 7.2 Width of drive. Residential driveways shall not have a width less than 16 feet or greater than 36
- 287 feet measured at right angles to the centerline of the driveway except as increased by radii.
- 288
- 289 7.3 Return Radius. No return radius projected between the edge of highway pavement and the
- 290 driveway shall be greater than 30 feet.
- 291
- 292 7.4 Angle Placement. The centerline of that part of the driveway lying on the county right of way
- 293 shall be at approximately right angles to the pavement.
- 294

295 SECTION 8: AGRICULTURAL

- 296
- 297 8.1 Application. Section 8 applies to rural type highway classification driveways serving agricultural
- 298 property.
- 299
- 300 8.2 Width of driveway. Agricultural driveways shall not have a width less than 24 feet or greater
- 301 than 50 feet measured at right angles to the centerline of the driveway except as increased by
- 302 radii.
- 303
- 304 8.3 Return Radius. No return radius projected between the edge of highway pavement and the
- 305 driveway shall be greater than 40 feet.
- 306
- 307 8.4 Angle Placement. The centerline of that part of the driveway lying on the county right of way
- 308 shall be at approximately right angles to the pavement.
- 309

310 SECTION 9: REVIEW OF DENIAL OF PERMIT

- 311
- 312 9.1 If the Highway Department denies a request for a permit under this policy or revokes a permit
- 313 issued under this policy, the Adams County Highway Committee shall, upon written request by
- 314 the applicant within 30 days after the denial, review the Highway Department's decision. A
- 315 written request shall be deemed made when it is received at the Highway Department office.
- 316
- 317 9.2 The Adams County Highway Committee shall schedule a hearing at which it will consider such a
- 318 request to be held within 60 days after receipt of the request. The person making the request shall
- 319 be given notice of that hearing, and at the hearing shall have the opportunity to present evidence
- 320 to the committee concerning the reasons for the request.
- 321
- 322 9.3 Within 30 days after the hearing the Adams County Highway Committee shall make its decision
- 323 regarding the request. It may reverse, confirm, or modify the decision of the Highway
- 324 Department. The Highway Department shall thereafter take action in conformance with the
- 325 committee's decision.
- 326

327 SECTION 10: PENALTIES AND REMEDIES

- 328
- 329 10.1 Any person who violates section 2.1, 2.5, or 3.2 of this policy shall be punished by a forfeiture of
- 330 not less than \$50.00 nor more than \$500.00 for each offense. In case of a continuing violation,
- 331 each day that the violation continues may be considered a separate violation.
- 332
- 333 10.2 This policy may be enforced by injunction issued by the Adams County Circuit Court or any
- 334 other court having jurisdiction.
- 335
- 336 10.3 Any property altered by construction or other action in violation of this policy must be restored to
- 337 its former condition at the property owner's expense. If the owner of the property fails to restore
- 338 such property to its former condition within 30 days after notice to do so is given by the Highway

339 Department, then the Highway Department may in its discretion restore the property to its former
340 condition and recover the cost of doing so from the owner.
341

342 SECTION 11: RULES OF CONSTRUCTION; REPEAL OF PRIOR ORDINANCE
343

- 344 11.1 The prohibitions expressed in this policy do not apply to the Highway Department and its
345 authorized personnel in the performance of their duties.
346 11.2 Nothing in this policy shall be construed to conflict with any state statute or county ordinance. If
347 any rule is held invalid by operation of law or by any court of jurisdiction, the remainder of the
348 rules shall not be affected thereby.
349
350 11.3 All rules, regulations and ordinances previously adopted conflicting with the provisions of the
351 county highway policy, not in accordance with sub (2) above, are hereby rescinded. Adams
352 County Ordinance No. 22-2007 is hereby repealed and replaced by this ordinance.
353
354 11.4 The county driveway policy shall be effective upon the date of publication.
355

356 Recommended for enactment by the Highway Committee this ____ day of _____, 20____.
357

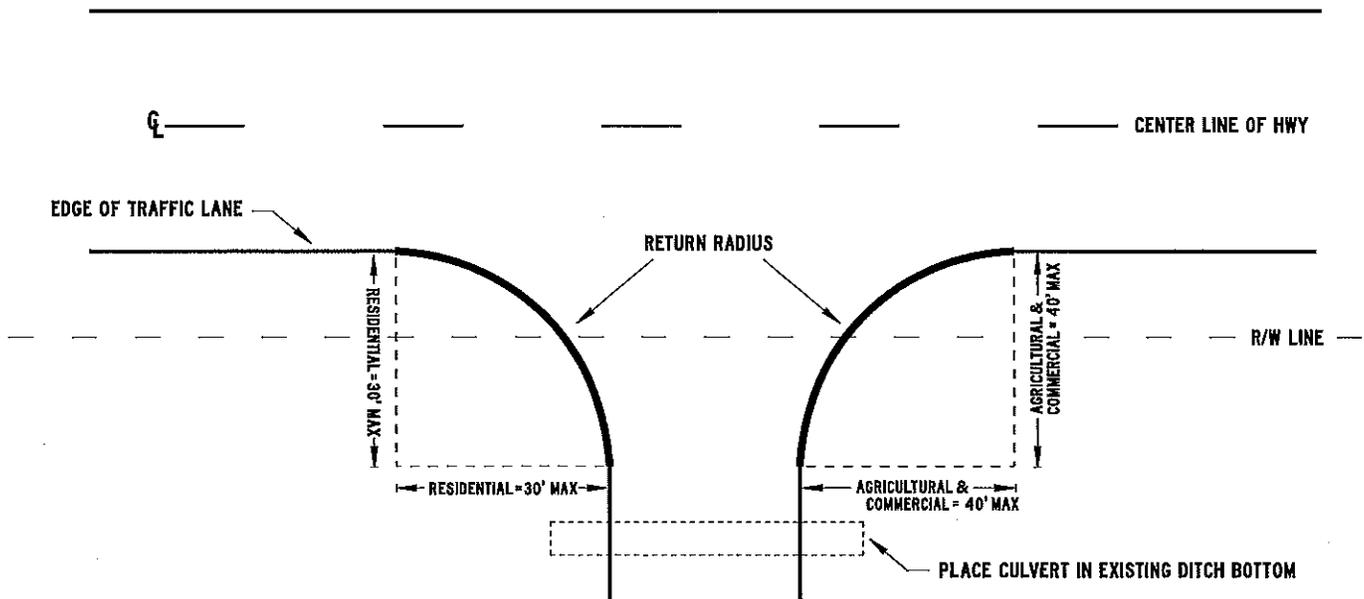
358 _____
359 _____
360 _____

361 Enacted _____
362 Defeated _____ by the Adams County Board of Supervisors
363 Tabled _____ this _____ day of _____, 20____.
364

365 _____
366 Chairman County Clerk

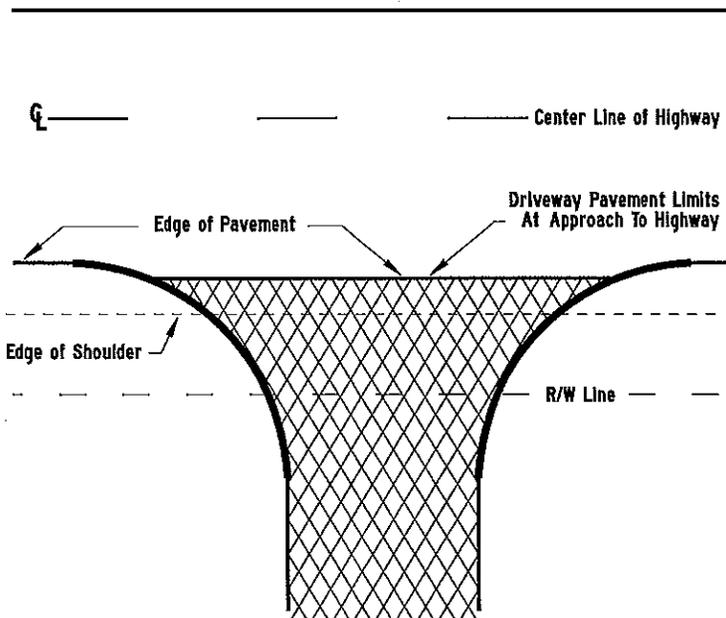
- 367
368 Reviewed by Corporation Counsel
369 Reviewed by Administrative Coordinator/Director of Finance
370
371

RURAL DRIVEWAY INTERSECTION DETAIL



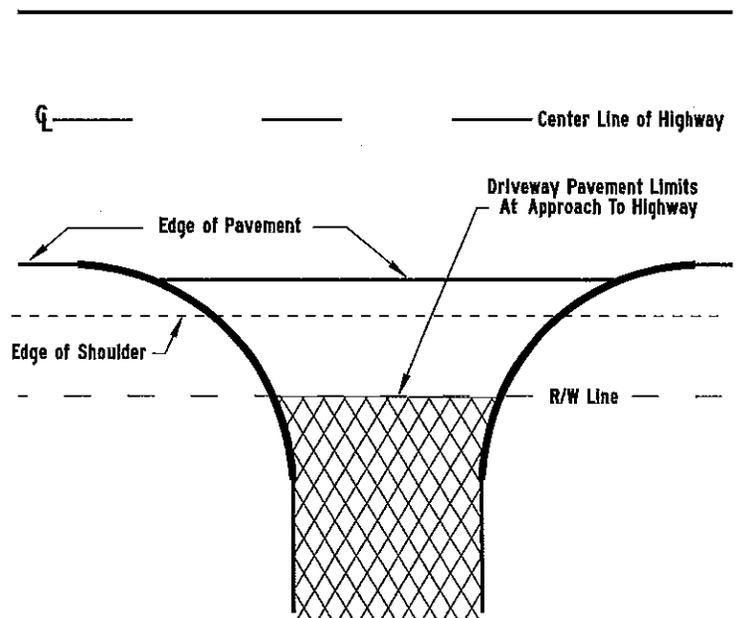
RETURN RADIUS FOR RESIDENTIAL DRIVEWAY SHALL NOT EXCEED 30 FEET
RETURN RADIUS FOR AGRICULTURAL AND COMMERCIAL DRIVEWAYS SHALL NOT EXCEED 40 FEET

PLAN VIEW FOR FLEXIBLE ASPHALTIC PAVEMENT



**FLEXIBLE ASPHALTIC PAVEMENT
MAY CONNECT TO HIGHWAY PAVEMENT**

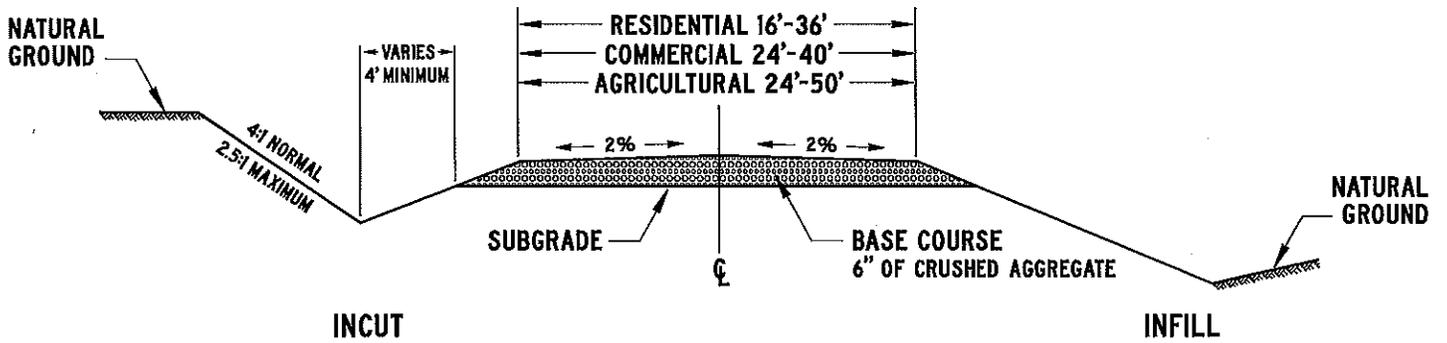
PLAN VIEW FOR CONCRETE CEMENT



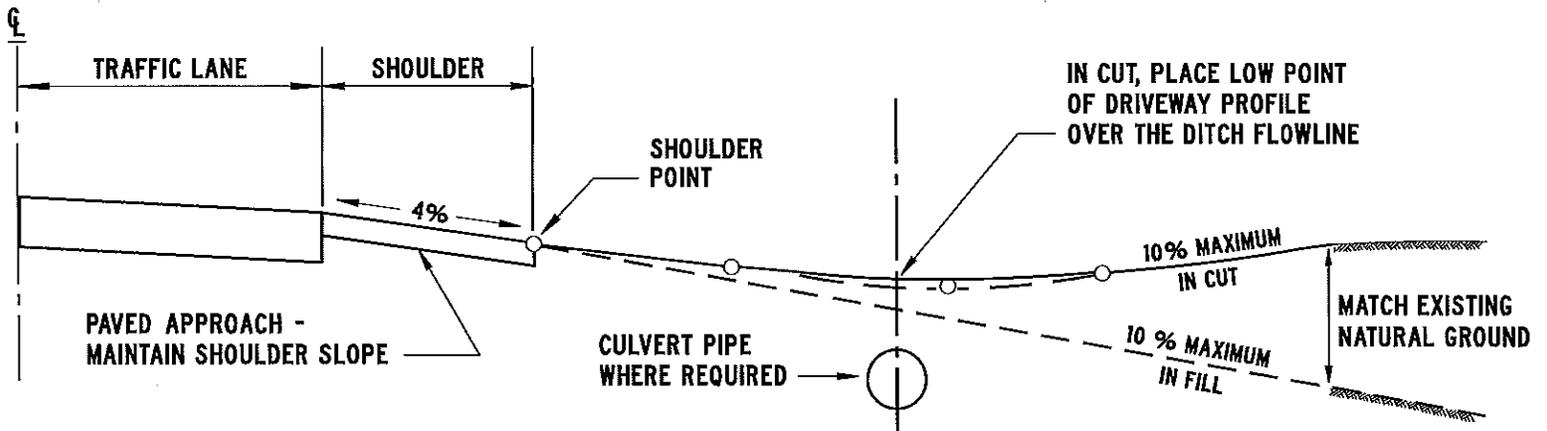
**CONCRETE CEMENT SHALL NOT BE UTILIZED
BETWEEN R/W LINE AND HIGHWAY PAVEMENT**

FIGURE 15

TYPICAL CROSS SECTION FOR PRIVATE DRIVE OR FIELD ENTRANCE



TYPICAL DRIVEWAY PROFILE



THE CULVERT DEPTH DEPENDS ON THE DEPTH THE PIPE IS BELOW THE SURFACE
 $WIDTH + (DEPTH \times 4) \times (2) = \text{MINIMUM LENGTH}$

ADAMS COUNTY HIGHWAY DEPARTMENT GENERAL ENGINEERING QUOTES FOR 2014

General Engineering Quotes	S E H	MSA	AECOM	CORRE	CWE	Ayres
Project Manager	\$ 115.00	\$ 112.00	\$ 93.00	\$ 110.00	\$ 90.00	\$ 101.00
Senior Engineer	\$ 165.00	\$ 95.00	\$ 110.00	\$ 105.00	\$ 107.00	\$ 133.00
Project Engineer	\$ 80.00	\$ 85.00	\$ 78.00	\$ 93.00	\$ 75.00	\$ 77.00
Staff Engineer	\$ 75.00	\$ 85.00	\$ 68.00	\$ 71.00	\$ 65.00	\$ 77.00
Enviromental Engineer	\$ 55.00	\$ 92.00	\$ 75.00	\$ 93.00	\$ 73.00	\$ 99.00
Lead Technician	\$ 85.00	\$ 74.00	\$ 68.00	\$ -	\$ 65.00	\$ 66.00
Senior Technician	\$ 70.00	\$ 74.00	\$ 80.00	\$ -	\$ 78.00	\$ 93.00
Technician	\$ 55.00	\$ 53.00	\$ 62.00	\$ 67.00	\$ 60.00	\$ 66.00
Associate Technician	\$ 55.00	\$ 53.00	\$ 47.00	\$ -	\$ 46.00	\$ -
Administrative	\$ 55.00	\$ 60.00	\$ 46.00	\$ 52.00	\$ 46.00	\$ 49.00
Word Processor	\$ 55.00	\$ 60.00	\$ 46.00	\$ 52.00	\$ 46.00	\$ 49.00
General Clerical	\$ 55.00	\$ 60.00	\$ 46.00	\$ 52.00	\$ 46.00	\$ 49.00
Graphics Designer	\$ 80.00	\$ 70.00	\$ 68.00	\$ 95.00	\$ 66.00	\$ 58.00
Senior Project Representative	\$ 80.00	\$ 112.00	\$ 66.00	\$ 90.00	\$ 65.00	\$ 100.00
Lead Project Representative	\$ 80.00	\$ 95.00	\$ 60.00	\$ 77.00	\$ 60.00	\$ 72.00
Project Representative / Inspector	\$ 70.00	\$ 74.00	\$ 60.00	\$ 65.00	\$ 60.00	\$ 69.00
Survey Crew Chief	\$ 80.00	\$ 78.00	\$ 70.00	\$ 70.00	\$ 70.00	\$ 68.00
Survey Assistant	\$ 55.00	\$ 53.00	\$ 47.00	\$ 66.00	\$ 45.00	\$ 61.00
Two-Person Survey Crew	\$ 110.00	\$ 127.00	\$ 117.00	\$ 136.00	\$ 115.00	\$ 129.00
Vehicle / Mile	IRS RATE	IRS RATE	IRS RATE	IRS RATE	0.555	IRS RATE
Total Station Geodimeter / Day	\$ 200.00	N/A	\$ 100.00	N/A	\$ 110.00	\$ 95.00
GPS / Day	\$ 200.00	N/A	\$ 200.00	N/A	\$ 195.00	\$ 50.00
Density Meter / Day	N/A	\$ 25.00	\$ 50.00	N/A	\$ 45.00	\$ 45.00
		+ \$10 Test				