



City of Dallas

October 3, 2016

THE DEVELOPMENT COMMUNITY

Re: Submittal Procedures for Paving and Drainage Plans

The following submittal procedures should be followed for the review of drainage and paving plans by the City of Dallas, Sustainable Development and Construction Department, Engineering Division, 320 E. Jefferson, Room 200, Dallas, TX 75203:

- A \$1,500 review fee for the first two (2) design reviews of engineering plans is required.
- Submit 2 sets of full size plans (24 x 36)
- A \$500 review fee for each subsequent review is required after the first two design reviews of engineering plans; and
- A \$500 review fee is required for any design revision reviews needed after the plans are approved.
- All first plan submittals should be accompanied by the fee receipt form, the paving and drainage plan review checklist and the supplemental checklist. Checklists should be completed by the professional engineer in charge. Fees are submitted in Room 200.

Failure to present the required fees and completed checklist forms will result in the review of your plans being delayed.

Please see attachment for the inspection fee rates.

If you have any questions, please call the Engineering Division of the Department of Sustainable Development and Construction at 214 / 948-4205.

A handwritten signature in cursive script that reads "Lloyd Denman".

Lloyd Denman, P.E., CFM
Assistant Director
Department of Sustainable Development and Construction

LD-11 plan submittal.doc

Attachments

Engineering File Submission Guidelines

Paving and Drainage

Effective January 1, 2015



*The following are guidelines for submitting digital files of engineering plans approved through the paving and drainage review process. Guidelines for digital file submissions will be strictly enforced. Multiple project submittals on a single Disc will not be accepted. Any submittals not **complete** and in conformance to the specified guidelines will not be accepted and may result in the delay in the release of permits and construction.*

1. Media

- a. Submittals must be on a single CD or DVD, hereinafter called *Disc*.
- b. The Disc shall be labeled with **ALL** of the following information:
 - Name of the engineering consultant company submitting the plans
 - Project name
 - Assigned 311T- project number
 - City plat file number (S-number)
 - Mapsco Grid Location per Dallas County Appraisal District
 - Newly assigned address or if not available;
 - City Block number
 - Effective Date (seal date)
 - Notate if plans are Revisions to Final (RTF)

2. Disc Content

- a. The Disc shall contain **ALL** of the following data files in Portable Document Format (**PDF**):
 - Combined full set of approved engineering plans, complete with the most current version of the preliminary plat or, if approved, final plat.
 - Separated single PDF file of each approved engineering plan sheet.
 - Copy of the executed transmittal letter accompanying the submittal.

Note: A compressed and self-extracting file type (.ZIP) is acceptable IF individual files are too large in size.

3. File Naming Convention

Files of engineering plans and drawings shall utilize the following naming convention:

- Combined full set:
City assigned project number_Project Name_Final Full Set
Example: 311T-3000_City Park Apartments_Final Full Set
- Single and separated drawings:
City assigned project number_Project Name_Sheet Number_Sheet Name
Example: 311T-3000_City Park Apartments_C001_Paving Plan
- Revision to Final drawings:
City assigned project number_Project Name_Sheet Number_Sheet Name_RTF
Example: 311T-3000_City Park Apartments_C001_Paving Plan_RTF
If more than one RTF has occurred, please indicate which version it is, i.e. RTF2, RTF3

Attachment I, File 311T-

SUSTAINABLE DEVELOPMENT AND CONSTRUCTION ENGINEERING DIVISION

Receipt Fee

PROJECT NAME: _____ *311T- _____

ENGINEERING FIRM: _____ BUS PH: _____ FAX: _____

ENG. NAME: _____ ENG. EMAIL: _____

ADDRESS: _____ CITY: _____ STATE: _____ ZIP: _____

DEVELOPER FIRM: _____ BUS PH: _____ FAX: _____

DEV/OWNER NAME: _____ DEV/OWNER EMAIL: _____

ADDRESS: _____ CITY: _____ STATE: _____ ZIP: _____

CITY PLAN FILE No. : _S_____

<u>SUBMITTAL</u>	<u>DATE RECEIVED</u>	<u>CHECK LIST</u>	<u>FEE AMOUNT</u>	<u>PAID</u>	<u>RECEIPT NO.</u>
#1			\$1,500.00		
#2			No Charge		
#3			\$500.00		
#4			\$500.00		
#5			\$500.00		
#6			\$500.00		
#7			\$500.00		
#8			\$500.00		
#9			\$500.00		
#10			\$500.00		

** Area within heavy lines must be filled in before new projects are accepted.

* The 311T number is assigned by the City upon receipt of fee payment.

**DEPARTMENT OF DEVELOPMENT SERVICES
ENGINEERING DIVISION
PAVING AND DRAINAGE PLAN REVIEW CHECKLIST**
Revised July 9, 2009

Addition Name: _____
 Subdivision Plan # 311T-_____ Plans Prepared by: _____
 City Plan File No. (Plat #): S_____
 P.D. No., Zoning, or S.U.P. No.: _____
 Checked by Engineer: _____ Date: _____
 Reviewed by City: _____ Date: _____

PART I - PAVING PLANS

ENG.	CITY
------	------

A. General (Use Design Criteria Specified in Design Manual)

- | | | |
|---|--|--|
| 1. North Arrow shown on each sheet | | |
| 2. Minimum of 2 Bench Marks shown on each sheet | | |
| 3. Title Blocks | | |
| a. Complete | | |
| b. Title agrees with plat | | |
| c. Sheets numbered | | |
| d. Engineer's seal and signature | | |
| 4. Street Names | | |
| a. Street under design | | |
| b. Intersecting streets | | |
| 5. P.D., or SUP or Rezoning (provide appropriate documents) | | |
| 6. Plats | | |
| a. Show City Plan File number (plat #) | | |
| b. Show sight distance easements on alley intersections with streets | | |
| c. Corner Clips are needed at street intersections. | | |
| d. Make sure appropriate right-of-way for streets is dedicated as per zoning and thoroughfare plan. | | |
| e. Check centerline radius. Is it appropriate for the design speed for the street. | | |
| f. Show on-site drainage easements on plat. | | |
| g. Check cul-de-sac for minimum radius (50'). Cul-de-sac is not allowed if street is longer than 600'. | | |
| h. If a creek or floodplain is involved, Floodway Easement or Management Area and Floodway Monument Statements should be placed on the plat | | |
| i. The minimum fill and floor elevations must be specified when a fill permit is involved in the flood plain. | | |
| j. Follow requirements of revised Development code ordinance on platting. | | |

B. Cover Sheet

- | | | |
|-------------------------------------|--|--|
| 1. Provide plat with each submittal | | |
|-------------------------------------|--|--|

C. Survey Information

- | | | |
|---|--|--|
| 1. Complete survey data for construction. | | |
|---|--|--|

PLAN REVIEW CHECK LIST

Page 2

ENG.	CITY
------	------

- 2. Centerline stationing shown and related to profile.
- 3. Stationing shown on centerline.

D. Topography

- 1. Perimeter topography is sufficient for the design.
- 2. Show any existing fences.
- 3. Show location of all trees in close proximity to offsite work or easements
- 4. Intersecting streets. Type and width of pavement and walks. Show spot elevations in ditches or gutters sufficient distance to clarify drainage and transitions.
- 5. Existing concrete paving clearly shown according to standard symbols and accurately dimensioned. Curbs and gutters dimensioned.
- 6. Existing storm drains and inlets shown by standard symbols.
- 7. Existing travelway shown.

--	--

E. Utilities

- 1. Show all existing facilities.
- 2. Clarify status of existing facilities whether to remain in service, abandon, or remove and by whom.
- 3. Add caution notes when construction operations will come close to any facility; give phone # of company to call for assistance in locating.

--	--

F. Storm Drains

- 1. Proposed storm inlets must be shown. Drainage pattern should be clear without having to refer to storm drain plans.
- 2. For each inlet, show size, paving station at center, and top elevation.

--	--

--	--

G. Plan

- 1. All proposed pavement, wide drives, etc., are properly dimensioned.
- 2. Limits of new paving, adjustments to intersecting streets and drives clearly defined by stations and dimensions, as necessary.
- 3. Drainage clarified by flow arrows, spot elevations in ditches and gutters, other notations.
- 4. Traffic control items shown. Striping, traffic buttons, and street signs must be provided by the developer.
- 5. Show street lighting on divided thoroughfares. Coordinate with Street Lighting Section of Public Works and Transportation Dept.
- 6. Provide for barrier free ramps at intersections. (ADA compliance)
- 7. Specify wall types, beginning, end, and top elevations. Drainage behind walls handled? Show walls in plan and profile. Provide design if modified or non-standard wall.
- 8. Check all drives, intersections and other locations involving cross traffic for possible hazardous situations. Watch for obstructed sight distance, hindrances to safe operation at design speed, danger to pedestrians, etc.
- 9. Make sure there are intermediate tangents between the double reverse curves based on the design speed along the centerline of the proposed streets.

--	--

--	--

--	--

--	--

--	--

PLAN REVIEW CHECK LIST

ENG.	CITY
------	------

- 10. Check transitions at ends of project and at intersections for safety, complete design, drainage, etc.

--	--

H. Profiles and Grades

- 1. Profiles plotted showing ground at proposed property lines.
- 2. Top of curb grades should be below ground profiles at the property line. Check fill areas for drainage.
- 3. Check cross-fall for compliance with standards. Provide adequate cross-fall to inlets on thoroughfare paving projects.
- 4. Design thoroughfare to thoroughfare intersections to provide smooth grades.
- 5. Complete vertical curves information. Do vertical curves meet minimum sight distance requirements for design speed?
- 6. Check carefully for any place water might pond. Are inlets located at sag points of vertical curves?
- 7. Design horizontal curves to meet Paving Design Standards for the design speed.
- 8. Check ends of project for drainage.
- 9. Check that curb P.I.s for intersecting streets are shown on profiles.

--	--

--	--

--	--

--	--

--	--

I. Typical Section

- 1. Centerline dimensioned to property lines and curbs.
- 2. Pavement slopes or crown specified.
- 3. Slopes in parkway area, cut and fill slopes shown.
- 4. Drive grades from gutter to property line and behind property line shown for thoroughfare paving projects involving existing access.
- 5. Usual type and depth of existing pavement and base shown.
- 6. Lime/cement base if proposed, show lime/cement content.
- 7. Type and thickness of proposed pavement shown and in conformance with standards.
- 8. Sidewalks (show location and when it will be built).
- 9. Show appropriate cross sections. For Thoroughfares, a cross section needs to be shown every 50'

J. Left-Turn Lanes and Median Modifications

- 1. Driveways must be centered on median openings.
- 2. Traffic buttons must be provided.
- 3. Show median top of curb elevations at critical points on left-turn lanes. Check median cross-fall.
- 4. Provide median pavement and monolithic median noses for left-turn lanes.
- 5. Provide typical paving section for left-turn lanes.
- 6. Show existing driveways and inlets on both sides of street at all proposed median openings.
- 7. Submit plans to Street Lighting Section of Public Works & Trans. Dept. for comment and approval.
- 8. Provide reverse curve median geometry in conformance with File 251D-1, Sheet 1001 for all left-turn transitions.
- 9. Property ownership must be shown.

--	--

--	--

PLAN REVIEW CHECK LIST

Page 4

ENG.	CITY
------	------

**K. Storm Water Pollution Prevention Plan (SWP3)
and Erosion Control Plans as applicable**

--	--

Please note that it is the full responsibility of the developer and/or his engineer to comply with all the current up-to-date rules and regulations of EPA and other applicable federal and state agencies for the preparation of the SWP3.

Copies of the operator's NOI as well as the owner's NOI must be submitted to this office as well as Storm Water Management Section of Public Works and Transportation Department.

PART II - STORM DRAINAGE PLANS

A. Drainage Area Map (Show drainage district)

1. Use 1"=200' scale for addition and 1"=400' for creeks offsite and show match lines between any two or more maps.
2. Show existing and proposed storm drains and inlets. Show City of Dallas file number.
3. Indicate sub areas for each alley, street and offsite area.
4. Indicate contours on map for onsite and offsite.
5. Use design criteria as shown in design manual.
6. Indicate zoning on drainage area.
7. Show points of concentration.
8. Indicate runoff at all inlets, dead-end streets and alleys or to adjacent additions or acreage.
9. Show runoff calculations including time of concentration.
10. For cumulative runoff, show calculations.
11. Indicate all crests, sags and street and alley intersections with flow arrows.

--	--

--	--

B. Storm Drains

1. Show plan and profile of all storm drains.
2. Specify at least Class III pipe. For shallower pipes, higher class of pipe must be used.
3. Provide inlets where street capacity is exceeded. Provide inlets where alley runoff exceeds intersecting street capacity. For thoroughfares, one lane must stay dry.
4. Indicate property lines along storm drain and show easements with dimensions.
5. Indicate proposed ground line and improvements on all street, alley, and storm drain profiles.
6. Show all hydraulics, velocity head changes, gradients, computations and profile outfall with typical section and computations.
7. Show laterals on trunk profile with stations.
8. Indicate size of inlet on plan view, lateral size and flow line, paving station and top of curb elevation.

--	--

--	--

--	--

--	--

PLAN REVIEW CHECK LIST

Page 7

ENG.	CITY
------	------

C. Bridges

1. Clear the lowest member of the bridge by two feet above the design water surface unless otherwise directed by the City.
2. Indicate borings on plans.
3. Show bridge sections upstream and downstream.
4. Provide hydraulic calculations on all sections.
5. Provide structural details and calculations with dead load deflection diagram.
6. Provide vertical and horizontal alignment.

D. Creeks and Channels

1. Show stationing in plan and profile.
2. Indicate flow line, banks, design water surface. Show hydraulic computations.
3. Indicate rockline.
4. Provide drainage area map and show all computations for runoff quantities.
5. Provide cross-sections as directed by Storm Water Management of Public Works and Transportation Dept.

E. Detention/Retention Basins

1. Provide drainage area map and show all computations for runoff affecting the detention basin.
2. Provide a plot plan with existing and proposed contours for the detention basin and plan for structural measures.
3. Where earth embankment is proposed for impoundment furnish a typical embankment section and specifications for fill; include profile for the structural outflow structure.
4. Provide structural details and calculations for any item not a standard detail.
5. Provide detention/retention basin volume calculations and elevation vs. storage curve.
6. Provide hydraulic calculations for outflow structure and elevation vs. discharge curve.
7. Provide routings or Modified Rational (permitted for areas of 130 acres or less) determination of storage requirements demonstrating that critical duration is used.
8. A detention/retention statement must be shown on the plat.

F. Storm Water Pollution Prevention Plan (SWP3) and Erosion Control Plans as applicable

--	--

Please note that it is the full responsibility of the developer and/or his engineer to comply with all the current up-to-date rules and regulations of EPA and other applicable federal and state agencies for the preparation of the SWP3.

Copies of the operator's NOI as well as the owner's NOI must be submitted to this office as well as Storm Water Management Section of Public Works and Transportation Department.

PLAN REVIEW CHECK LIST

Page 8

"I, the undersigned, am the Engineer of the Record for this project and certify that the information provided herein is correct to the best of my knowledge."

"I understand and agree that the Chief Engineer will require that the infrastructure plans be resubmitted for review and approval if he determines that the checklist contained incorrect information and the plans were approved based on incorrect information supplied. Additional fees for each subsequent submission may be required."

Signature: _____ Date: _____

Printed Name: _____

DEPARTMENT OF SUSTAINABLE DEVELOPMENT AND CONSTRUCTION
ENGINEERING DIVISION
PLAN REVIEW SUPPLEMENTAL CHECK LIST
(Revised December 18, 2013)

ADDITION NAME: _____
SUBDIVISION PLAN #311T-_____ PLANS PREPARED BY: _____
CITY PLAN FILE NO. (PLAT): S _____
P.D. NO., ZONING OR S.U.P. NO.: _____
CHECKED BY ENGINEER: _____, P.E.; DATE: _____
REVIEWED BY CITY: _____ DATE: _____

ITEMS RELATED TO PAVING AND DRAINAGE

1. - Is this property being platted?
 Yes No
If yes, plat no. is S _____
(A copy of the plat must be attached to the P&D plans)
2. - Is this property re-zoned or being re-zoned? Yes No
If yes, detention may be needed.
If yes, the zoning classification changed from _____ to _____
- 3.- What percent of the site is currently impervious?
_____ % impervious currently
4. - Are at least 2 bench marks shown on the plans?
 Yes No
- 5.- Does the drainage outfall have the capacity to convey the 100-yr. flood?
 Yes No
6. - Is the drainage runoff from the site or from any portion of the site being diverted?
 Yes No
Please note that diversion is not allowed.
- 7.- Is there any detention or retention (pond holding water) proposed?
 Yes No
Note: if any retention pond is proposed, the maintenance agreement should cover odor control, algae control, mosquito control and any other health-related issue. Also, the discharge from a retention pond to a storm sewer system must be approved by the Public Works and Transportation Department. Further, a dual outlet control may be required for retention ponds.

PLAN REVIEW SUPPLEMENTAL CHECK LIST

Page 2

8.- Does the proposed detention/retention meet the TCEQ definition of a "dam"?

Yes No N/A

If yes, does the design of the proposed detention/retention meet applicable TCEQ rules, regulations and requirements?

Yes No N/A

Please Note: if the depth of the proposed detention/retention exceeds a certain height, then the TCEQ requirements for dams apply. For more info please visit TCEQ's Dam Safety Program at http://www.tceq.state.tx.us/compliance/field_ops/dam_safety/damsafetyprog.html

9.- If the answer to question #7 is yes, has the area been checked for the GSA (upstream of Escarpment) or an existing erosion problem to see if a dual outlet control is required for the proposed detention/retention pond?

Yes No

10.- What is the designed outlet control of the proposed detention/retention pond?

Single Outlet Control Dual outlet control N/A

11.- Is any part of the area of development being drained onto adjacent cities?

Yes No

If yes, detention may be required and the adjacent City must approve the plans. This approval must be obtained by the Engineer of Record.

A copy of the approval must be provided to the City of Dallas project engineer.

12.- Are there any walls proposed?

Yes No

If yes, what is the maximum height of proposed walls? _____ feet

The wall is in: Private property Public ROW

Note: All Walls (public or private) exceeding 4' in height require a permit from Building Inspection prior to construction.

13.- Will the wall as designed adversely impact drainage, or visibility triangles?

Yes No N/A

14.- Any utilities crossing the wall?

Yes No N/A

15.- Any utilities under the wall?

Yes No N/A

16.- Have you used proper C values and I values for the calculation of drainage runoff?

Yes No

PLAN REVIEW SUPPLEMENTAL CHECK LIST

Page 3

17.- Is there any proposed "On-Street Parking" ? Yes No

If yes, the design must be coordinated with Public Works.

If yes, is there any proposed parking space within visibility triangles?.

Yes No

18.- What is the total drainage area, including offsite? _____ Acres

Please note that for drainage areas over 130 acres, the Rational Method should not be used for drainage calculations.

19.- Does the drainage area map show clear contours for the entire drainage basin, including off-site drainage areas?

Yes No

20.- Is the direction of runoff shown by arrows, particularly along the areas adjacent to the area being developed?

Yes No

Note: Please make sure that the direction of runoff is shown clearly on the plans, particularly along the boundaries of the area that is being developed,

OTHERWISE PLANS WILL NOT BE APPROVED.

21.- Is the development site currently accepting any drainage runoff from adjacent private properties?

Yes No

If yes, are the proposed grades such that the development site continues to receive the drainage runoff from the adjacent private properties?

Yes No

and, will there be a Drainage Easement dedicated?

Yes No

If the answer to the previous question is yes, is any stub-out proposed for conveyance of the off-site drainage runoff for future development?

Yes No

Note: To grade a development site such that existing drainage would be blocked is not allowed.

Note: Any private drainage easements must be filed by separate instrument and the recording information/documents must be provided to the City and must be shown on the plat and the engineering plans. Public drainage easements can be dedicated as part of the platting process.

PLAN REVIEW SUPPLEMENTAL CHECK LIST

Page 4

22.- Is the drainage runoff from this development site currently being conveyed through the adjacent private property(ies) to the downstream?

Yes No

23.- Will there be any lot-to-lot drainage post development (regardless of the current drainage pattern)?

Yes No

Note: Lot-to-lot drainage is not allowed unless a drainage easement is obtained and recorded from the downstream property owner.

24.- Any off-site drainage easements required?

Yes No

If yes, has the offsite easement been acquired and recorded?

Yes No

25.- Are all on-site drainage easements shown and dedicated?

Yes No N/A

26.- Is there any proposed connection to the storm sewer system that would discharge anything other than rainfall runoff?

Yes No

Note: The storm sewer system is primarily for collection of rainfall runoff. Discharging ground water, water fountain features, and anything other than rainfall runoff into the storm sewer system must be approved by the Public Works and Transportation Department.

27.- Regarding erosion, are the velocities of runoff at or below the maximum allowed velocities per drainage criteria?

Yes No

28.- Is there any PD or Specific Use Permit (SUP) related to this development?

Yes No

29.- Are there any particular conditions to the PD or SUP regarding sidewalks, paving and/or drainage?

Yes No

(If yes, attach a description and a list of items)

30.- Does the minimum width of pavement(s) and right-of-way comply with the plat regulations?

Yes No

PLAN REVIEW SUPPLEMENTAL CHECK LIST

Page 5

31.- Is the Paving Section and designed thickness as well as street and alley horizontal alignments and geometrics including curb radii in compliance with the Paving Manual and meets minimum requirements?

Yes No

32.- Any of this development within Geologically Similar Area (GSA) and/or Escarpment?

Yes No

Note: For Escarpment related projects, detention is required.

If yes, is detention shown?

Yes No

33.- If the answer to the previous question is yes, has an Escarpment permit been obtained?

Yes No N/A

34.- Does this development project require any general permit from the Corps of Engineers under the Clean Water Act (CWA) ?

Yes No

If yes, have the necessary requirements been incorporated into the Construction Documents?

Yes No

35.- Does this development project require any Standard Individual Permit or Letter of Permission from the Corp of Engineers under the Clean Water Act (CWA)?

Yes No

If yes, indicate the permit #: _____

If yes, have the necessary requirements been incorporated into the Construction Documents?

Yes No

36. If the answer to the previous question is yes, please provide copies of documents, correspondences and permits.

37.- Is there any proposed construction within 150 feet of a toe of any levee, including the Rochester Park Levee?

Yes No

If yes, you need to contact Trinity Watershed Management, Chief Planner, for further review.

Trinity Watershed Management
City Hall, 1500 Marilla Street, Room 6BS
214-671-9500

PLAN REVIEW SUPPLEMENTAL CHECK LIST

Page 6

38A - Is any work proposed within a flood plain?

Yes No

If yes, has there been a fill/alteration permit issued by Public Works?

Yes No

Status of LOMR letter?

Obtained In Process N/A

38B - Is there any fill proposed within any portion of the site?

Yes No

If yes, what is the maximum depth of the proposed fill? _____ feet

If yes, is this fill going to cause the diversion of storm water runoff?

Yes No

If yes, is this fill going to cause any visibility problem at driveways or street/alley intersections?

Yes No

38C - Is there any excavation proposed within any portion of the site?

Yes No

If yes, what is the maximum depth of the proposed excavation? _____ feet

If yes, is this excavation going to cause the diversion of storm water runoff?

Yes No

39.- Any work within Mill Creek drainage basin?

Yes No

If yes, are the Finished Floor Elevations 3' higher than closest top of inlet elevation? Yes No

40.- Any work within Peaks Branch?

Yes No

If yes, any special design provisions?

41.- Is off-site drainage calculated/included in the design?

Yes No

42.- Has any part of this site ever been a cemetery?

Yes No

If yes, some conditions may need to be met.

PLAN REVIEW SUPPLEMENTAL CHECK LIST

Page 7

43.- Has any part of this site ever been part of a "brown field" and/or a land-fill in the past?

Yes No

If yes, some conditions may need to be met.

44.- Have the plans been distributed to Utilities?

Yes No

Note: The engineer of the record must obtain "utility clearance" from all utilities, including DWU, prior to start of any construction.

45.- What is the age of the pavement? The age determines the extent/type of trench repair and/or replacement of the roadway panel (see Ord.# 26263 dated 2/16/06 and the "Pavement Cut and Repair Standards Manual" by Public Works & Transportation.)

Age of pavement: _____ years.

Informational Addendum:

Concrete

If the pavement is 5 years old or less, the transverse dimension of the repair area is no less than one lane width. The longitudinal dimension terminates either at a joint or the midpoint of a "panel" which ever is closest to the edge of cut. (Pages 30 – 34 of the Pavement Cut and Repair Standards Manual summarize the extent of the repair area for pavements 5 years old or less.)

If the pavement is greater than 5 years old, refer to pages 16 – 19 of the Pavement Cut and Repair Standards Manual which summarizes the extent of the repair area. The engineers should understand the diagrams.

Asphalt

If the pavement is 5 years old or less, the transverse dimension of the repair area is no less than one lane width (same as concrete). The longitudinal dimension terminates at a minimum 3 feet beyond the edge of the cut. (Pages 30 – 34 of the Pavement Cut and Repair Standards Manual summarize the extent of the repair area for pavements 5 years old or less.)

If the pavement is greater than 5 years old, refer to pages 16 – 19 of the Pavement Cut and Repair Standards Manual which summarizes the extent of the repair area. The Engineers should understand the diagrams.

46.- Are the roadway panels going to be replaced?

Yes No N/A

PLAN REVIEW SUPPLEMENTAL CHECK LIST

Page 8

47.- Do all the streets have curbs?

Yes No

Note: If any driveway approach is proposed along a street where there is no curb, the Engineer of Record needs to contact the Street Dept. to obtain line and grade and size of pipe under the approach. A permit must also be secured from Building Inspection for the construction of the driveway approach.

48.- If the answer to the previous question is "No":

Are Curbs Proposed? Yes No

Are Sidewalks Proposed? Yes No

Please note that unless a Sidewalk Waiver is applied for and approved, sidewalks must be constructed along all public and private streets.

New curbing may have to be constructed as part of sidewalk construction.

The proposed sidewalks must be barrier-free to the handicapped in accordance with the requirements of the ADA and the City of Dallas.

49.- Are sidewalks proposed as part of the submitted plans?

Yes No

If the answer is No, has a sidewalk waiver been submitted?

Yes No

If the answer to the previous question is Yes, is the proposed sidewalk in compliance with the City of Dallas and ADA requirements?

Yes No

50.- If the answer to the previous question is Yes, are the proposed sidewalks within dedicated Public ROW and/or within a dedicated sidewalk easement?

Yes No

Note: Public sidewalks must be built within Public ROW or within a dedicated sidewalk easement.

51.- Are any of the proposed sidewalks within the Central Business District (CBD)?

Yes No N/A

If the answer is Yes, does the proposed CBD sidewalk meet the requirements of the Dallas Business District Pedestrian Facilities Plan, as amended?

Yes No

52.- Has the Storm Water Pollution Prevention Plan been prepared?

Yes No N/A

PLAN REVIEW SUPPLEMENTAL CHECK LIST

Page 9

53.- Have you contacted Public Works & Transportation for 'Signage', 'Street Lighting' and 'Striping' design?

Yes No N/A

It is the responsibility of the Engineer of Record to coordinate with the Department of Public Works and Transportation for 'Street Lighting', 'Striping' and 'Signage'.

54.- Please note that the developer is fully responsible for the design and construction of:

1. The entire width of the thoroughfare within the limits of the proposed development; and,
2. Half of the width of the thoroughfare which abuts the proposed development, if the length of the thoroughfare frontage is 1,000 feet or more. [Sec 51A-8.604(b)(3)]

Is there any thoroughfare adjacent to the proposed development which has 1,000 feet or more of frontage?

Yes No

If yes, are the paving and drainage plans included?

Yes No

Is there any thoroughfare within the proposed development?

Yes No

If yes, are the paving and drainage plans included?

Yes No

55.- Will you submit, as part of your final submittal, an itemized list of all the improvements within public ROW/easements along with an estimated cost of the improvements?

Yes No

Note: This itemized list and estimated cost are required before final approval of the engineering plans.

56.- Are you conforming to Texas Board of Professional Engineer Board Rules 137.33 & 137.77?

Yes No

Board Rules §137.33 and §137.77 have been changed to require that all engineering documents released, issued, or submitted by or for a registered engineering firm, including preliminary documents, must clearly indicate the engineering firm name and registration number. It is both the responsibility of the PE that signs and seals a document and the firm that releases the document to verify that the firm name and number appear on the engineering work.

PLAN REVIEW SUPPLEMENTAL CHECK LIST

Page 10

57.- Are there trees on the property?

Yes

No

If yes, a tree survey, as specified in Section 51A-10.132(b)(4) of the Dallas Development Code, is required for review. Contact the City Arborist, Philip Erwin, at 214-948-4117. Separate authorization may be required for the removal of protected trees.

"I, the undersigned, am the Engineer of the Record for this project and certify that the information provided herein is correct to the best of my knowledge."

"I understand and agree that the Chief Engineer will require that the infrastructure plans be resubmitted for review and approval if he determines that the checklist contained incorrect information and the plans were approved based on incorrect information supplied. Additional fees for each subsequent submission may be required."

Signature: _____ Date: _____

Printed Name: _____