



LINCOLN  
Transportation and Utilities

### Streets Plan and Profile

### PCA / EO Plans

SUBMITTAL DATE:

PROJECT NAME:

DESIGN FIRM / DESIGNER:

PROJECT NUMBER:

City of Lincoln Design Standards supersede  
this check list.

### WORK COMPLETED

<u>Typical Section</u>	YES	NO	NA	SUBMITTER OR DESIGNER COMMENTS
Pavement type				
Pavement depth ( <i>pavement thickness determination performed with 7" minimum</i> )				
Pavement cross-slope Over excavation Subgrade				
Lane width				
Shoulder width / Curb type				
Sidewalk width				
Median surfacing & width				
<u>Geometrics and Grades</u>	YES	NO	NA	SUBMITTER OR DESIGNER COMMENTS
Alignment of lanes checked				
Grades Reflect proposed drainage patterns				
Check Geometrics using "Auto Turn" software				
Location of turn lanes identified				
Length of Turn Lanes conforms to City of Lincoln Access Manager Policy				
Check Turn lane taper elevation at curb line for positive drainage				
Taper lengths in accordance with City of Lincoln Standards				

Bus turnouts analyzed				
Geometrics designed for U-turns where applicable				
<b><u>Horizontal Alignment</u></b>	<b>YES</b>	<b>NO</b>	<b>NA</b>	<b>SUBMITTER OR DESIGNER COMMENTS</b>
Super elevation Method Noted				
Alignment checked by hand to determine if data is correct and not affected by rounding errors created in Design Software				
Construction and Phasing headers shall not be inside horizontal curves.				
Curve Radii conform to City of Lincoln Standards				
<b><u>Profile / Vertical Alignment</u></b>	<b>YES</b>	<b>NO</b>	<b>NA</b>	<b>SUBMITTER OR DESIGNER COMMENTS</b>
Length of curve rounded to nearest 10 feet increment (20 feet preferable)				
Curb return Profile and Grades shall be separate from centerline profile				
Roadway profile shall be along centerline				
"K" Value meets more conservative of AASHTO Green Book				
High point / low point location adjusted to minimize drainage concerns				
Construction and Phasing headers shall not be inside vertical grade breaks or curves.				
Verify no low points in intersections				
Intersection and driveway sight distance calculations submitted				
Minimum and maximum allowable grades checked for all locations				
<b><u>Dead-Ends and Cul-de-Sac details</u></b>	<b>YES</b>	<b>NO</b>	<b>NA</b>	<b>SUBMITTER OR DESIGNER COMMENTS</b>
Maximum length requirements are not exceeded				

Conformity to Lincoln Design Standards and LSP				
Turn around provisions meet LSP				
<b><u>Intersection and Driveways</u></b>	<b>YES</b>	<b>NO</b>	<b>NA</b>	<b>SUBMITTER OR DESIGNER COMMENTS</b>
Surfacing material for driveways and intersections identified				
Angle of intersection in conformance to City of Lincoln Design Standards				
Appropriate curb return radii & tapers meet City of Lincoln Standards				
Proposed entrances and exits align with other proposed or existing entrances and exits				
Proposed entrances and exits located to provide maximum separation from other drive approaches and intersections ( <i>Deviation request if City Access Management Policy is not met</i> )				
Left-turn lanes are offset for sight distance				
Locations of obstacles / hazards identified, including objects in sight distance triangle				
Driveway slope in conformance with City of Lincoln Standards				
Driveway profile meets ADA regulations across sidewalks				
Driveway throat length and width are per City Access Management Policy				
Adjacent sidewalks adjusted to proposed intersection / driveway elevation and meet ADA guidelines with positive drainage				
<b><u>Earthwork</u></b>	<b>YES</b>	<b>NO</b>	<b>NA</b>	<b>SUBMITTER OR DESIGNER COMMENTS</b>
Over excavation requirements analyzed				
Earthwork quantities calculated				
Additional top soil requirements analyzed				

Compost requirements analyzed <i>(if required then coordinate with City Landfill)</i>				
<b><u>Construction and Removal</u></b>	<b>YES</b>	<b>NO</b>	<b>NA</b>	<b>SUBMITTER OR DESIGNER COMMENTS</b>
Salvaged materials identified <i>(pipes, poles, fire hydrants, etc.)</i>				
Pavement Removal for Utility Construction Included				
Pavement Replacement for Utility Construction Included				
Coordination completed with 'Yearly City Rehab Project' for pavement resurfacing				
Check trench depths in relation to construction limits				
Check limits of excavation for retaining walls in relation to construction limits				
Temporary construction phase issues identified and addressed				
All sidewalk ramps in project limits meet ADA requirements				