Delaware County Engineer's Office (DCEO) Road Widening Review Checklist

Project Name:		
Submittal Items incl	luded with Plans	
□Yes □ No □ N/A	Proper number of plan sets provided (Typically part of the subdivision plans – if a separate plan, submit 4 sets of the full size plans and 1 set of half size plans)	
□Yes □ No □ N/A	A CD or DVD containing PDFs of the plans, storm reports, etc shall also be provided with the plans for all submittals	
□Yes □ No □ N/A	Plan review fees and fee submission checklist (if applicable)	
□Yes □ No □ N/A	Completed final plan review checklist provided	
□Yes □ No □ N/A	Traffic Impact Study prepared and approved	
□Yes □ No □ N/A	Drainage and/or Right-of-Way (R/W) Conveyance Instruments, Metes and	
	Bounds Descriptions, and associated Exhibits provided (If applicable – typically for any off-site easements – easements must state their purpose, such as "for highway purposes" or "for drainage purposes").	
□Yes □ No □ N/A	Construction Work Agreements for all properties affected by the construction (outside existing R/W)	
□Yes □ No □ N/A	Stormwater calculations and delineated tributary areas including offsite areas? Water Quality calculations provided (if applicable)?	
□Yes □ No □ N/A	Engineer's estimate based on Delaware County Engineer's Unit Bid Prices (Section 403 A).	
□Yes □ No □ N/A	All required environmental documents, Army Corps permits and ODNR permits submitted before final plan approval (Section 401 A).	
□Yes □ No □ N/A	If final plan resubmittal, written response and marked prints included that addresses previous comments and identifies additions/deletions made to plans since previous submittal (Section 401 A)	
plans. Failure to subr subdivisions, the road construction plans for	ntact the plans submitter if the above items have not been submitted with the nit the items may result in delay or halting of the review process. For all widening plans shall be included as part of the final engineering and the first phase/section of the proposed development. A separate road permitted with prior approval of DCEO.	
General		
□Yes □ No □ N/A	Has Section 403G of the Standards Manual (current edition) been reviewed to insure all items have been incorporated into these plans?	
□Yes □ No □ N/A	Intersection Sight Distance (ISD) Diagram showing adequate intersection sight distance for the proposed entrance drives(s) per the current ODOT Location and Design (L&D) Manual - Do not use stopping sight distance tables.	
□Yes □ No □ N/A	Also, has Decision Sight Distance (DSD) been provided for vehicles turning left using Table 201-6E of the ODOT L & D Manual, using a 40 mph design speed	

centerline of the intersecting roads? ☐ Yes ☐ No ☐ N/A Have all trees and obstructions within the R/W and sight distance triangle be shown and designated to be removed on the ISD diagram? ☐ Yes ☐ No ☐ N/A Show the Clear Zone Setback line for projects located on County and Towns Roads according to the ODOT L&D Manual, current editions. Provide	een
□Yes □ No □ N/A Show the Clear Zone Setback line for projects located on County and Towns	
additional utility easements if needed.	ship
□Yes □ No □ N/A Did Zoning require the development provide a leisure path or show future le path along the existing public road? If so, please show a 15' wide leisure path easement adjacent to the proposed R/W. Please also show the path in the type section and cross sections.	th
□Yes □ No □ N/A Have drainage easements for the road widening, shoulder and ditch improvements been addressed (in addition to the required R/W per these Standards)?	
☐Yes ☐ No ☐ N/A Are existing utilities shown in area of the road widening, shoulder and ditch improvements? Have the utilities been called out to be relocated? Have easements been provided for utility relocation or future needs?	
☐ Yes ☐ No ☐ N/A All required easements for R/W, drainage and/or sight distance shall be recoprior to final engineering plan approval (if offsite or not included on a final psubmittal). Copies of the required easements shall be submitted to the Count Engineer for approval.	olat
□Yes □ No □ N/A For open ditch roads, has the driveway pipe sizes, including calculations bees submitted for approval? Minimum drive pipe size is 12". (Section 802 H)	n
□Yes □ No □ N/A Any adjacent properties affected by the project?	
□Yes □ No □ N/A Work Agreement(s) and/or Temporary Easement(s) been provided if work is proposed on other property? Typically work agreements or temporary easemare for work beyond the ditch back slope or in other areas affected by the row widening.	nents
□Yes □ No □ N/A Has plans and plat for any adjoining subdivisions or other adjoining properti been reviewed to insure the proposed project is compatible?	es
□Yes □ No □ N/A Have the proposed storm sewer inverts, project pavements, project grading, align (horizontally & vertically) with adjacent existing storm sewers, pavem and grading? Have differences between 1929 Datum and 1988 Datum been addressed if adjacent projects or sewers were based on a different Datum?	
□Yes □ No □ N/A General DESC permit must be approved before final plans can be approved.	
□Yes □ No □ N/A General Summary/Table of Estimated Quantities provided (if separate plan is subdivision)	rom
□Yes □ No □ N/A Have Contingency Quantities been provided in the event unsuitable soils are encounterd?	:
Item 204 XX cy Undercutting and Disposal of Unsuitable Material	
Item Special XXX sq y Tensar Geogrid BX1100 or approved equal	
Item 205 XX cy Chemically Stabilized Embankment, Cement Stabilized Add a note to the General Notes sheet: "Contingency quantities have been	
included in the event unsuitable soils are encountered during construction. The are contingency items and shall be performed as directed by the County Engineer."	These

□Yes □ No □ N/A	If the road widening is part of a publicly bid project and the County Engineer's Office will be involved in administering the contract, please contact the DCEO
	for other plan requirements.
□Yes □ No □ N/A	Reference to the current ODOT CMS provided?
□Yes □ No □ N/A	On all road widening plans, ODOT Standard Drawings MT-97.10 (one lane closure for two lane roads) and MT-101.90 (drop-offs in work zones) shall be included in the widening plans
□Yes □ No □ N/A	included in the widening plans. General Notes included (refer to Supplemental Specifications and General Notes section of this checklist)
□Yes □ No □ N/A	Utilities relocated in compliance with County Engineer's Utilities Policy. (See Supplemental Specifications for copy of current policy)
□Yes □ No □ N/A	Are the plan and profile sheets to the proper scale (1" = 20 feet - plan; 1" = 5 feet - profile)?
□Yes □ No □ N/A	Do the turn lane lengths match those provided in the approved Traffic Impact Study and with the current requirements of ODOT L&D Manual, Vol. 1?
□Yes □ No □ N/A	Do the taper rates from the proposed to existing pavements widths match the required ratio of Design Speed:1?
□Yes □ No □ N/A	Are the cross sections are the proper scale (Vertical -1 " = 5 feet; Horizontal -1 " = 10 feet)
\square Yes \square No \square N/A	No more than four cross sections per plan sheet is permitted
□Yes □ No □ N/A	Do the roadway widths, shoulder and ditch section match DCEO Standard Drawing DCED R-2130?
□Yes □ No □ N/A roadway)	Has Del-Co Water been provided a set of plans (if existing waterline along
□Yes □ No □ N/A	Video tape shall be provided (prior to the PreCon Meeting) of existing conditions (Section 403 G and Supplemental Specifications) along the existing roads adjacent to the development on Township Roads. The Standard Videotaping note needs added to the plans.
□Yes □ No □ N/A	Township roads shall not be used for detours in nearly all cases. If there is a case where the township road must be used, please provide a letter from the township stating that they will allow the use of the Township road for the detour.
•	ised if the road widening plan is a separate plan (must be approved by
	ntact our office to determine if a title sheet is required.
□Yes □ No □ N/A	Road Name and Number
	Subdivision Name (if applicable)
□Yes □ No □ N/A	Township Name
□Yes □ No □ N/A	General Description (Range, Township, Quarter Township, and Lot Number or Survey Number)
□Yes □ No □ N/A	Developer's Name, Address and Telephone Number
□Yes □ No □ N/A	Utility Company Name, Address, Contact Person and Telephone provided for all utilities
□Yes □ No □ N/A	Location Map and Index Map with Scale
□Yes □ No □ N/A	Road Classification (Arterial, Collector, etc.), Design Speed, and Speed Limit
□Yes □ No □ N/A	North Arrow
□Yes □ No □ N/A	Written and graphical (bar) scale
□Yes □ No □ N/A	Consultant's Name, Address, and Telephone Number
□Yes □ No □ N/A	Date, PE Seal and Signature of Design Engineer
□Yes □ No □ N/A	Date and Signature Blank for County Engineer
\Box Yes \Box No \Box N/A	Date and Signature Blank for General Manager of Del-Co Water

□Yes □ No □ N/A	Design Engineer's Certification paragraph: "This is to certify that good engineering practices have been utilized in this project and that all of the minimum standards as delineated in the Delaware County Engineer's Design, Construction and Surveying Standards Manual have been met, including those standards greater than minimum where, in my opinion, they are needed to protect the safety of the public. Any variances to the above standards are consistent with sound engineering practices and are not detrimental to the public safety and convenience. These variances have been listed herein and have been approved by the Delaware County Engineer."
\square Yes \square No \square N/A	County Engineer Disclaimer paragraph: "The Delaware County Engineer's
	signature on this plan signifies only concurrence with the general purpose and location of the proposed improvements. All technical details remain the responsibility of the Professional Engineer who prepared and certified these plans."
□Yes □ No □ N/A	List of referenced Standard Drawings (Delaware County & ODOT) – Must be included for all applicable standard drawings required for the road widening.
□Yes □ No □ N/A	Supplemental Specifications referenced (Delaware County and ODOT)
□Yes □ No □ N/A	Reference provided to Standard Drawing DCED-R2130
□Yes □ No □ N/A	Proper Specification Statement provided (See Section 402 H)
□Yes □ No □ N/A	List of Bench Marks referencing USGS Datum
□Yes □ No □ N/A	Index of Sheets
□Yes □ No □ N/A	Change Order (revisions) table provided. Numbered Triangles are used to
	reference changes. Revised Sheets are noted as such and dated. Deleted Sheets and Supplemental Sheets are listed in Revision Box.
□Yes □ No □ N/A	Variance Table with Approval Dates Shown
Typical Section(s)	
□Yes □ No □ N/A	Widening Section match Standard Drawing DCED-R2130 (must match exactly)
□Yes □ No □ N/A	Pavement buildup must be approved by DCEO. Calculations supporting the proposed typical section must be provided for review. Contact DCEO for guidance regarding the pavement calculations.
□Yes □ No □ N/A	Pavement width must be approved by DCEO
□Yes □ No □ N/A	Legend identifying all items provided
□Yes □ No □ N/A	Sawcut of existing pavement shown and located a minimum of 1'-0" from the existing edge of pavement? Seal pavement joint per Item 401.08.B
□Yes □ No □ N/A	Leveling course provided to insure constant cross slope per the approved typical section? Quantities for leveling course based on field verified data at 50' intervals, or other approved method, for the entire project length?
□Yes □ No □ N/A	Subgrade compaction, tack coat and prime coat provided?
□Yes □ No □ N/A	Pavement joint reinforcement between existing and proposed pavement shown (callout for reinforcing material shown and DCEO Standard Drawing referenced)
□Yes □ No □ N/A	Reconditioning of the opposite shoulder shown (Only applicable when roads are widened to one side only).
For curb and gutter typi	ical section (must be approved by DCEO)
□Yes □ No □ N/A	Curb, Berm, and Pavement Planning Details
□Yes □ No □ N/A	ODOT Type 2 Curb (required) - reference to ODOT Standard Drawing shown?
□Yes □ No □ N/A	All Type 2 curbs shall have a minimum gutter pan thickness of 9"
□Yes □ No □ N/A	ODOT No. 3 Catch Basins need to be called out on all streets that utilize a 2' wide gutter pan.
□Yes □ No □ N/A	On all arterial roads, 6" underdrain provided

General Summary/	Estimate of Quantities Sheet
□Yes □ No □ N/A	Table includes Item Number, Quantity Total, Unit, and Description
□Yes □ No □ N/A	Accounts for all Sub-summary Table Quantities (Compare with plan sheets)
□Yes □ No □ N/A	A quantity must be provided for Item 448, Intermediate Leveling Course. For
	estimating purposes, the intermediate leveling course shall include depth of 2.5-
	inches over 25% of the surface with 1.5 inches used over the remainder of the
	surface.
□Yes □ No □ N/A	The asphalt shall be called out in the quantities and estimate as: Item 441 - 1 ½"
	Asphalt Surface Course (448, Surface Course, PG 64-22), and Item 441 - 1 ½"
	Asphalt Intermediate Course (448, Intermediate Course, PG 64-22).
□Yes □ No □ N/A	Striping items provided and correct
□Yes □ No □ N/A	Accounts for all items shown on the typical section (pavement, berm, guardrail,
	leveling course, tack coat for intermediate course, subgrade compaction, proof
	rolling, mailboxes removed/restored, tree removal, etc.)
□Yes □ No □ N/A	Item for pavement joint reinforcing between existing and proposed pavement
	provided
□Yes □ No □ N/A	Item for subgrade stabilization or full depth pavement repair provided (Per
	General Notes)
□Yes □ No □ N/A	Milling Quantities (if applicable)
□Yes □ No □ N/A	Proper quantity callouts (CY, SF, etc.) used for the items shown?
□Yes □ No □ N/A	Fabric Item included for undercut areas
□Yes □ No □ N/A	SWPPP/Erosion Control items are provided
General Notes	
	ental Specifications for Road Widening General Notes. These notes must be
	nodifications. The notes can also be downloaded from the website at:
	re.oh.us/engineer/review/Standards.htm
□Yes □ No □ N/A	
_ 1 C5 _ 1 (0 _ 1 (//1	readitional notes necessary for project specific issues.
Cost Estimate - Ref	er to Final Engineering and Construction Plan Review Checklist for
	irements (See Section 403 and example in the Supplemental
Specifications)	is ements (See Seedon 100 and example in the Supplemental
specifications)	
Plan View	
□Yes □ No □ N/A	Does plan follow requirements set forth in the ODOT L&D Manual, current
	edition – Horizontal Scale – 1 " = 20', etc.?
□Yes □ No □ N/A	Station and offset of all structure or GPS coordinates provided
□Yes □ No □ N/A	Existing Pavement (dashed lines) and Proposed Pavement (solid lines).
\Box Yes \Box No \Box N/A	Pavement Width and Shoulder Widths match Standard Drawing DCED R-
	2130/Approved Typical Section
□Yes □ No □ N/A	Existing and Proposed R/W (See Supplemental Specifications for Proposed R/W
LICS LINO LINA	width)
□Yes □ No □ N/A	Existing and Proposed Utilities (Surface and Sub-Surface)
□Yes □ No □ N/A	· · · · · · · · · · · · · · · · · · ·
	Existing and Proposed Surface and Subsurface Drainage Features (Ditches, Tiles, Culverts, etc.)
□Yes □ No □ N/A	
\square Yes \square No \square N/A \square Yes \square No \square N/A	Work and/or clearing limits shown Clearing/grubbing notes provided. Clearing within the R/W and if necessary
	Clearing/grubbing notes provided. Clearing within the R/W and if necessary clearing within the construction limits.
□Yes □ No □ N/A	Benchmark Location, Elevation, and Description (for all benchmarks)
	Denominary Education, Dievation, and Describiton from an Denominary

□Yes □ No □ N/A □Yes □ No □ N/A	Existing and/or Proposed Driveway locations Proposed Subdivision and Lot Boundaries	
□Yes □ No □ N/A	Other Physical Objects shown (Trees, Fences, Signs, Guardrail, Mailbox Posts, Existing Property Corner Monuments, etc.)	
□Yes □ No □ N/A R/W)	Any Physical Objects to be removed or relocated are noted (outside clear zone or	
□Yes □ No □ N/A	Trees to be removed during the project shown crossed out on the plans	
□Yes □ No □ N/A	Trees to be removed during the project shown crossed out on the plans Show the Clear Zone Setback line for projects located on County and Township	
□Yes □ No □ N/A	Roads according to the ODOT Location and Design Manual, current edition. Legend for Abbreviations	
□Yes □ No □ N/A		
□Yes □ No □ N/A	Adjacent Property Owners and Lot numbers Intersection Detail shown (Proposed and Existing)	
□Yes □ No □ N/A	Intersection Detail shown (Proposed and Existing) Sight distance exhibits provided for all proposed intersections	
□Yes □ No □ N/A	Sight distance exhibits provided for all proposed intersections. Horizontal Curve Data including Delta, Radius, Chord Bearing, and	
	Chord Distance	
□Yes □ No □ N/A	All Catch Basins, Ditch Inlets, Manholes, Headwalls, etc. Shown and Labeled with Stations and Referenced Standard Drawing	
□Yes □ No □ N/A	Entrance Street must be designed as a Collector with respect to pavement width only to the first intersection or specified length as determined with Tapers based on the ratio of Design Speed:1 (Section 601 B.3).	
□Yes □ No □ N/A	Appropriate taper rate (Design Speed:1) used	
□Yes □ No □ N/A	Location of beginning and end of roadway tapered sections	
□Yes □ No □ N/A	Driveway Pavements – Descriptions of existing types of driveways matches field conditions - asphalt, concrete, gravel.	
□Yes □ No □ N/A	Existing drives shall be paved to the proposed R/W line (applies only to drives on the same side of the street as the proposed subdivision)	
□Yes □ No □ N/A	Existing Drives shall be paved an additional 5' from the edge of pavement as part as the overlay (applies only to existing drives opposite the side of the street of the proposed subdivision)	
□Yes □ No □ N/A	Underdrains outlet at ditch low point (with proper ODOT end treatment referenced) or at a structure	
□Yes □ No □ N/A	Butt Joint shown (per ODOT Standard Drawing BP 3.1) at Begin/End of Project	
\Box Yes \Box No \Box N/A	Any Mailboxes needing removed and/or relocated noted? Mailbox support height	
	needs to be per local USPS standards in General Notes.	
\square Yes \square No \square N/A	All guardrails have been scrutinized for line of sight obstruction at intersections	
\square Yes \square No \square N/A	Existing Culvert Condition – DCEO to determine if culvert is to be replaced	
\square Yes \square No \square N/A	Culverts must extend beyond the required clear zone	
\square Yes \square No \square N/A	Precast wingwalls, headwalls, footings, etc. per Supplemental Specifications	
□Yes □ No □ N/A	Handicap ramps details addressed	
For curb and gutter typi	ical section (must be approved by DCEO)	
□Yes □ No □ N/A	Has the transition from curb and gutter to the existing open ditch section been addressed (e.g., grading, underdrain outlet, erosion protection at the gutter pan,	
□Yes □ No □ N/A	etc)? Has the callout for the curb height transition from 6" to 0" in 10-feet been provided?	
Profile		
☐Yes ☐ No ☐ N/A	Elevation at Centerline (Profile Grade) and Edge of Pavement– every 25' for	
□Yes □ No □ N/A	existing and proposed grades Existing and Proposed Ditch Flowline elevations (to a point of adequate	

	outlet)
□Yes □ No □ N/A	Existing Ground Elevation at Proposed Ditch Flowline
□Yes □ No □ N/A	Any Existing and/or Proposed Surface and Sub-Surface Drainage
	Structures (proposed Tile must be shown to a point of adequate outlet)
□Yes □ No □ N/A	Driveway profiles provided (may be shown on cross sections if appropriate)
□Yes □ No □ N/A	Plan elevations match As-Built elevations for adjoining properties (e.g.
	roadways, back yards, etc.)?
Cross-Sections	
	C
□Yes □ No □ N/A	Centerline shown and proper scale used (vertically $-1' = 5'$; horizontally $-1' = 10'$)
\square Yes \square No \square N/A	Cross sections provided at 50-foot intervals with Station Numbers
\square Yes \square No \square N/A	Cross sections also provided at all driveways, culverts and road entrances
□Yes □ No □ N/A	Edge of Pavement, ditch flowline, foreslope and backslope rates, etc. shown and
	match the approved typical section?
\square Yes \square No \square N/A	R/W (Existing and Proposed)
\square Yes \square No \square N/A	Existing and Proposed Profile Grade Elevations
\square Yes \square No \square N/A	Existing and Proposed Utilities (Surface and Sub-Surface)
\square Yes \square No \square N/A	Existing and/or Proposed Surface and Sub-Surface Drainage Structures
\square Yes \square No \square N/A	Maximum of 4 cross sections per plan sheet
\square Yes \square No \square N/A	Precast wingwalls, headwalls, footings, etc. per Supplemental Specifications
□Yes □ No □ N/A	Proper slope used beyond back of curb (6:1 or flatter - sloping up) when curb and gutter is provided?
□Yes □ No □ N/A	Check cross sections to see if all utilities are drawn accurately (horizontal and
	vertical). Are there conflicts between the utilities and the proposed work?
\square Yes \square No \square N/A	Check Sections against Grading Plan and Driveway Replacement Limits on plan
	views to verify that the cross sections extend to the proposed work limits.
\square Yes \square No \square N/A	Beginning and Ending Stations match beginning and ending Stations on Plan and
	Profile Sheets
\square Yes \square No \square N/A	Cross Section Elevations match Profile Elevations for Objects (storm sewers,
	culverts, drive pipes, utilities, etc. shown)
\square Yes \square No \square N/A	4:1 Maximum backslope in Lawn Areas
\square Yes \square No \square N/A	Grading and proposed elevations on road widening match those shown on the
	subdivision grading plan (Are they consistent?)
\square Yes \square No \square N/A	Sub-summary of Fill and Cut Quantities with totals for the sheet
\square Yes \square No \square N/A	Transition of Existing Ditch to Proposed Ditch is shown (typically within last 20'
	of project limits)
\square Yes \square No \square N/A	Storm and sanitary sewers structures, waterlines, culverts, and bridges. Clearly
	label all pipe material specification and classification. (Section 403 A)
□Yes □ No □ N/A	Ditch enclosure necessary due to steep ditch slopes? See Article 403 G.
Storm Sewer and/or	Culvert Profile – Refer to Final Engineering and Construction Plan
	Roadway Culvert and Storm Sewer Requirements. The items listed
	to the checklist items provided in the Final Engineering and
Construction Plan R	•
□Yes □ No □ N/A	Culvert profiles (including extension of existing culverts) are required. For pipe
	diameters larger than 36" and for all three and four-sided structures a separate
	plan and profile sheet is required (Section 403 B. 5).
□Yes □ No □ N/A	If a proposed pipe connects to an existing pipe a concrete collar is required
□Yes □ No □ N/A	Items to be removed identified

Curb Inlets (Section 904 E) - Refer to Final Engineering and Construction Plan Review Checklist for Curb Inlet Requirements (Must be approved by DCEO).

Erosion and Sediment Control Plan - Refer to Final Engineering and Construction Plan Review Checklist for Erosion and Sediment Control Plan Checklist Items. The item listed below is in addition to the checklist items provided in the Final Engineering and Construction Plan Review Checklist.

□Yes □ No □ N/A	OEPA Storm Water NOI submitted before final plans approval.	
Storm Water Mana	ngement	
□Yes □ No □ N/A	Calculations included for all storm sewers with correct design storm and correct storm hydraulic grade check	
□Yes □ No □ N/A	Calculations included for all culverts with correct design storm and correct storm hydraulic grade check	
□Yes □ No □ N/A	Calculations for all drive pipes provided (based on 10-year storm)	
□Yes □ No □ N/A	100-year flood routing path shown	
Maintenance of Tra	affic (MOT) Plan	
□Yes □ No □ N/A	Existing and Proposed Roadway shown?	
□Yes □ No □ N/A	Existing and Proposed Construction Road Work Signs, Drums, Temporary Pavement Markings, etc. shown?	
□Yes □ No □ N/A	Minimum lane widths of 10-feet shown along with typical sections for each phase of construction?	
□Yes □ No □ N/A	Proper notes and details shown for two-way, one-lane traffic with flaggers (9am – 3pm limit)?	
□Yes □ No □ N/A	Temporary Pavement Marking provided (tape is acceptable as a temporary pavement marking)?	
□Yes □ No □ N/A	ODOT Work Zone plan insert sheet (current edition) included with final plans?	
□Yes □ No □ N/A	Maintenance of Traffic Sub-summary	
□Yes □ No □ N/A	Temporary Pavement a pay item when shown (typically required for MOT)	
□Yes □ No □ N/A	Has access been provided if existing adjacent properties are affected? Has a note been provided on the MOT Plan (or in the general notes)?	
□Yes □ No □ N/A	Copies of the Traffic Maintenance Plan been submitted to the Township (For emergency response purposes)?	
Traffic Control Pla	n	
□Yes □ No □ N/A	Tapered areas meet current ODOT L&D Manual?	
□Yes □ No □ N/A	Adequate storage length (including taper) for turn lane provided per approved TIS and the current ODOT L&D Manual	
□Yes □ No □ N/A	Island Detail with proper diagonal striping provided (Check width and spacing of	
diagonal striping)	•	
□Yes □ No □ N/A	Existing Signs with disposition (to be removed or to remain) shown	
□Yes □ No □ N/A	Proposed Signs with Stations (including street name signs with Township/County Road Number, etc.) shown	
□Yes □ No □ N/A	Line Specifications provided -4 " wide line for edge of pavement and centerline striping; 6" wide line for island and diagonal striping.	

Comments:				
□Yes □ No □	N/A County Operations Manager has been inform on Township Roads	ned of any pipe replacements		
□Yes □ No □ permits	<u>*</u>	rding the required		
□Yes □ No □	1 1 0	Group and Storm Water		
□Yes □ No □	N/A Check with Design Group to determine if the paved as part of their road paving contract.	is section of road is to be		
FOR INTER	VAL USE ONLY			
*******	developments adjacent to site, etc. along with cross s	sections, if needed)		
□Yes □ No □ N/A	the proposed pavement begins and the existing pavement ends Field visit completed to insure all items are accounted for in the plans? (e.g., new			
□Yes □ No □ N/A □Yes □ No □ N/A	Milling Depth vs. Overlay Thickness checked Slopes at Project Limits – Verify that Plans account for Existing Slopes where			
Miscellaneous				
□Yes □ No □ N/A	Highway Lighting-need for lighting to be determined by DCEO. Lighting shall be in conformance with ODOT L& D Manual current edition (Section 403 G).			
□Yes □ No □ N/A □Yes □ No □ N/A	Pull Boxes adjusted to Grade and are on the Quantity Sheet. Provisions were made to relocate Existing Lighting Controllers to County Owner Poles. Verify locations.			
overlay?				
□Yes □ No □ N/A □Yes □ No □ N/A	The numbers of luminaries match the number of poles. Provided Loop Locations and Quantities. Installation is before or after			
Lighting and Powe □Yes □ No □ N/A	if Traffic Signal is required per approved TIS Proper traffic control general notes provided (see Su			
□Yes □ No □ N/A	Table for Pavement Marking that includes station (fr	for signing and includes station, side, type, size, and quantity for Pavement Marking that includes station (from & to) and quantity. tities carried to General Summary? Item callout correct (thermoplastic ng – not paint - is required)?		
Traffic Control Qua		ra and quantity		
□Yes □ No □ N/A	Does proposed pavement striping match the existing begin and end project stations?	pavement striping at the		
□Yes □ No □ N/A	Striping Plan includes arrows for turn lane and through lane. Do NOT include the word "ONLY".			
□Yes □ No □ N/A	Specify Item 644 for long pavement marking and Ite (arrows, stop bars, etc.)			

Comment Disclaimer: The County Engineer Reserves The Right To Make Any Additional Comments At Any Time Up To The Actual Approval Of This Project. See the Delaware County Standards for		
other items not addressed on this list.	See the Beinnaire County Standards 101	
□Approved □ Disapproved		
Reviewed By:	Date:	